

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011619\
 Data File : BF112073.D
 Acq On : 16 Jan 2019 18:29
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011619

Quant Time: Jan 17 02:54:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	307627	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1157967	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	576673	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1112356	20.00	ng	0.00
76) Chrysene-d12	14.03	240	911379	20.00	ng	0.00
87) Perylene-d12	15.50	264	751415	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	1308936	77.23	ng	0.00
7) Phenol-d6	6.51	99	1620672	76.43	ng	0.00
23) Nitrobenzene-d5	7.43	82	1440320	85.94	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	530194	85.23	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2837000	72.13	ng	0.00
79) Terphenyl-d14	12.97	244	3144843	73.41	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.64	88	311514	39.189	ng	99
3) Pyridine	3.39	79	801408	40.254	ng	98
4) n-Nitrosodimethylamine	3.35	42	319193	39.487	ng	100
6) Aniline	6.53	93	994097	38.544	ng	95
8) 2-Chlorophenol	6.66	128	766306	38.930	ng	99
9) Benzaldehyde	6.41	77	451778	39.478	ng	99
10) Phenol	6.52	94	897653	38.733	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	717748	38.951	ng	100
12) 1,3-Dichlorobenzene	6.80	146	877029	39.041	ng	100
13) 1,4-Dichlorobenzene	6.88	146	886598	38.584	ng	100
14) 1,2-Dichlorobenzene	7.03	146	824681	38.962	ng	97
15) Benzyl Alcohol	7.00	79	621913	39.364	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1014531	38.179	ng	99
17) 2-Methylphenol	7.12	107	576196	38.978	ng	99
18) Hexachloroethane	7.37	117	304561	39.712	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	503822	39.000	ng	99
20) 3+4-Methylphenols	7.27	107	706969	39.443	ng	98
22) Acetophenone	7.27	105	1011806	37.716	ng	99
24) Nitrobenzene	7.45	77	760194	42.796	ng	98
25) Isophorone	7.68	82	1229687	37.984	ng	100
26) 2-Nitrophenol	7.76	139	383427	42.733	ng	99
27) 2,4-Dimethylphenol	7.80	122	585400	38.956	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	849635	38.260	ng	99
29) 2,4-Dichlorophenol	8.01	162	650698	39.639	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	745533	39.134	ng	98
31) Naphthalene	8.17	128	2018100	38.317	ng	99
32) Benzoic acid	7.93	122	218339	35.963	ng	99
33) 4-Chloroaniline	8.22	127	905147	38.240	ng	100
34) Hexachlorobutadiene	8.29	225	407971	38.482	ng	100
35) Caprolactam	8.59	113	221609	38.571	ng	93
36) 4-Chloro-3-methylphenol	8.70	107	620948	38.729	ng	100
37) 2-Methylnaphthalene	8.86	142	1370035	38.307	ng	98
38) 1-Methylnaphthalene	8.96	142	1327716	38.629	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	719235	38.840	ng	99

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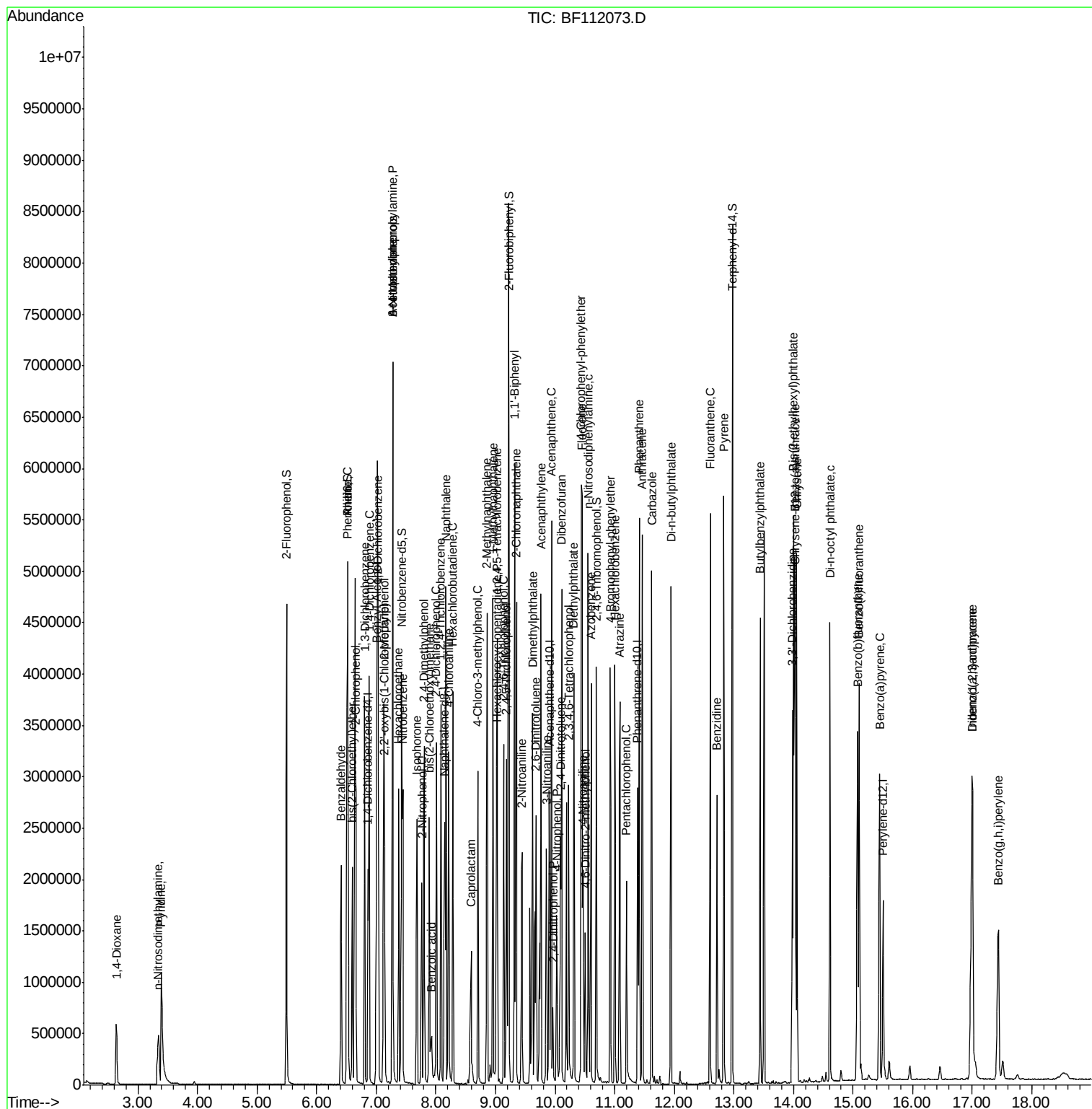
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	255463	38.995	nq	98
43) 2,4,6-Trichlorophenol	9.14	196	450933	40.706	nq	100
44) 2,4,5-Trichlorophenol	9.19	196	475600	40.311	nq	100
46) 1,1'-Biphenyl	9.32	154	1836411	38.084	nq	99
47) 2-Chloronaphthalene	9.35	162	1447333	38.345	nq	100
48) 2-Nitroaniline	9.45	65	376779	44.318	nq	98
49) Acenaphthylene	9.76	152	2096086	38.055	nq	100
50) Dimethylphthalate	9.62	163	1606481	38.199	nq	99
51) 2,6-Dinitrotoluene	9.68	165	364701	43.423	nq #	86
52) Acenaphthene	9.94	154	1287479	38.204	nq	100
53) 3-Nitroaniline	9.86	138	399973	42.587	nq	96
54) 2,4-Dinitrophenol	9.96	184	90716	46.162	nq	98
55) Dibenzofuran	10.11	168	1961838	38.494	nq	99
56) 4-Nitrophenol	10.03	139	258193	41.400	nq	100
57) 2,4-Dinitrotoluene	10.09	165	457146	42.936	nq	100
58) Fluorene	10.45	166	1443294	37.904	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	374175	42.027	nq	99
60) Diethylphthalate	10.32	149	1570666	38.260	nq	99
61) 4-Chlorophenyl-phenylether	10.44	204	794555	38.669	nq	99
62) 4-Nitroaniline	10.47	138	403122	43.226	nq	97
63) Azobenzene	10.60	77	1508091	38.361	nq	100
65) 4,6-Dinitro-2-methylphenol	10.50	198	193837	43.085	nq	98
66) n-Nitrosodiphenylamine	10.56	169	1417180	38.538	nq	100
67) 4-Bromophenyl-phenylether	10.93	248	509287	39.417	nq	97
68) Hexachlorobenzene	11.00	284	536417	38.541	nq	98
69) Atrazine	11.09	200	457666	38.568	nq	99
70) Pentachlorophenol	11.20	266	246177	40.085	nq	98
71) Phenanthrene	11.42	178	2140558	38.238	nq	100
72) Anthracene	11.46	178	2153354	37.973	nq	99
73) Carbazole	11.62	167	2137293	37.624	nq	99
74) Di-n-butylphthalate	11.95	149	2402157	37.592	nq	100
75) Fluoranthene	12.60	202	2231086	37.747	nq	100
77) Benzidine	12.72	184	995894	32.751	nq	98
78) Pyrene	12.83	202	2310511	38.426	nq	99
80) Butylbenzylphthalate	13.44	149	1056265	40.042	nq	92
81) Benzo(a)anthracene	14.02	228	1988773	38.058	nq	100
82) 3,3'-Dichlorobenzidine	13.98	252	734896	37.553	nq	99
83) Chrysene	14.06	228	1868924	37.797	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1465621	38.767	nq	98
85) Di-n-octyl phthalate	14.61	149	2256507	38.739	nq	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1528293	33.502	nq	99
88) Benzo(b)fluoranthene	15.07	252	1658188	38.876	nq	99
89) Benzo(k)fluoranthene	15.10	252	1661722	40.252	nq	100
90) Benzo(a)pyrene	15.44	252	1519504	38.846	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	1281057	36.873	nq	99
92) Benzo(g,h,i)perylene	17.44	276	1256406	36.708	nq	98

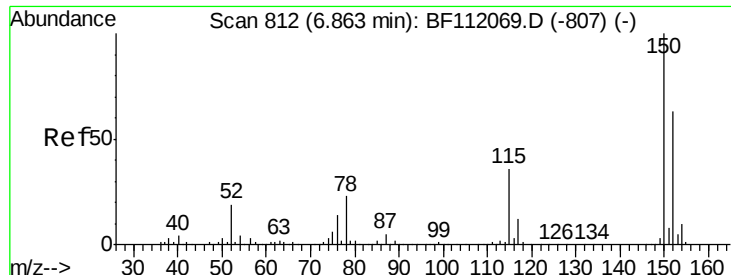
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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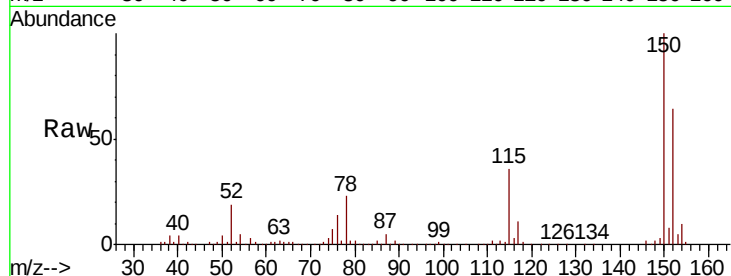


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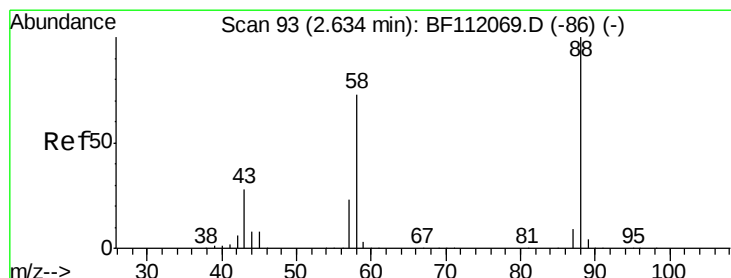
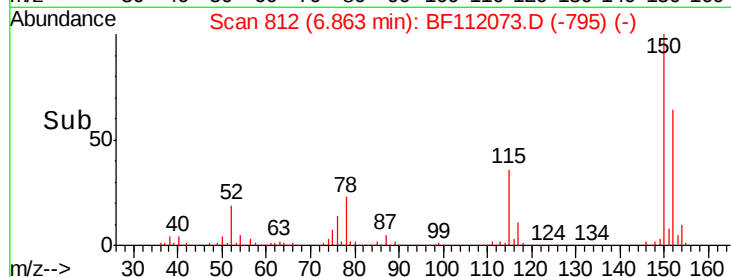
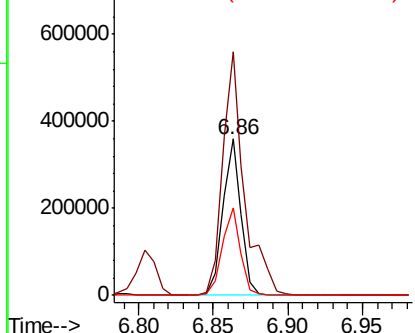
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF112073.D
 Acq: 16 Jan 2019 18:29

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011619

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	127.4	191.0
115	55.5	45.5	68.3



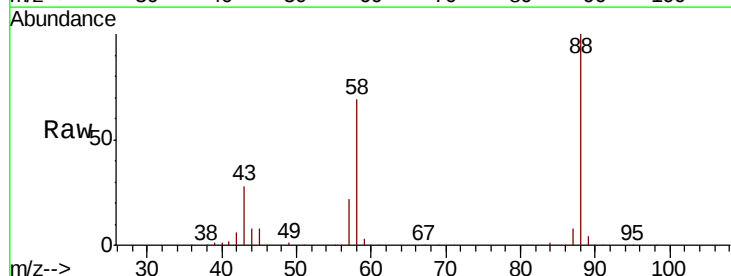
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



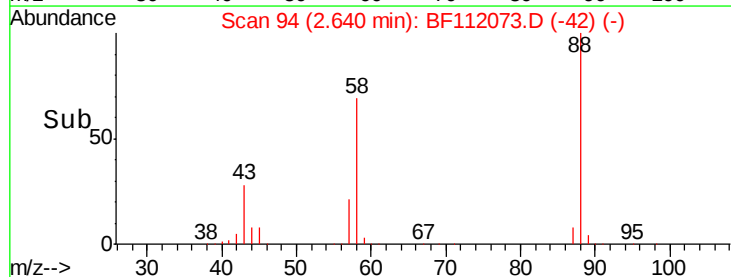
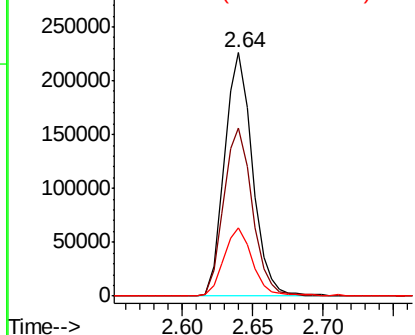
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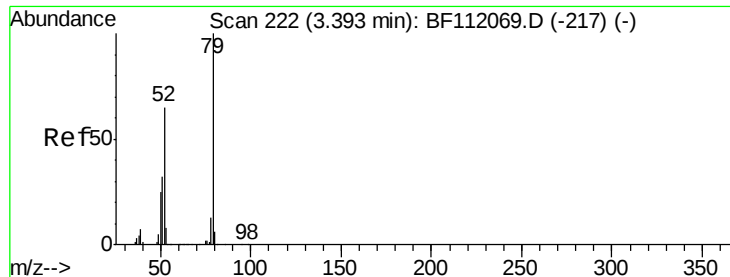
1,4-Dioxane
 Concen: 39.189 ng
 RT: 2.64 min Scan# 94
 Delta R.T. 0.01 min
 Lab File: BF112073.D
 Acq: 16 Jan 2019 18:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.2	57.4	86.2
43	28.3	22.2	33.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.254 ng

RT: 3.39 min Scan# 222

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

Instrument :

BNA_F

ClientSampleId :

ICVBF011619

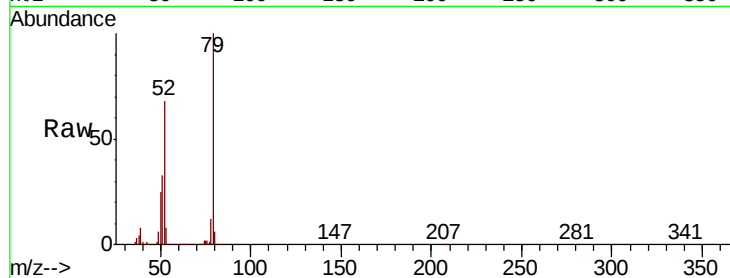
Tot Ion: 79 Resp: 801408

Ion Ratio Lower Upper

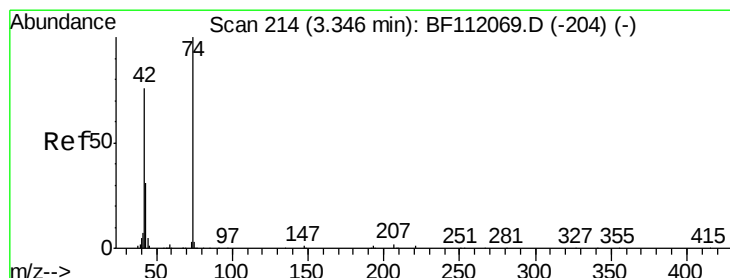
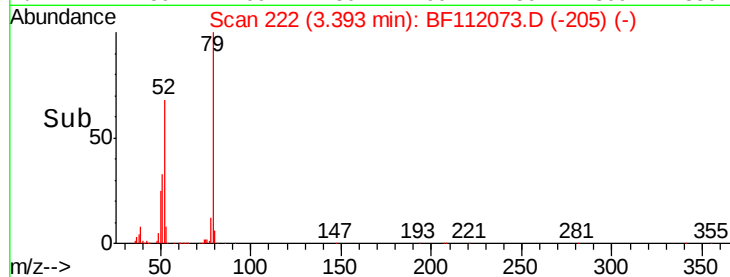
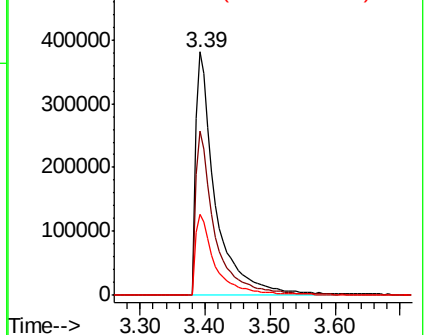
79 100

52 67.7 52.4 78.6

51 33.5 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.487 ng

RT: 3.35 min Scan# 214

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

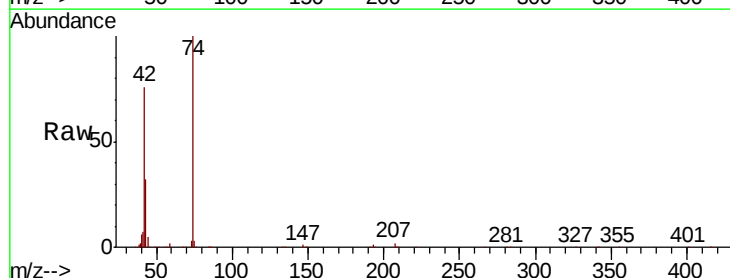
Tgt Ion: 42 Resp: 319193

Ion Ratio Lower Upper

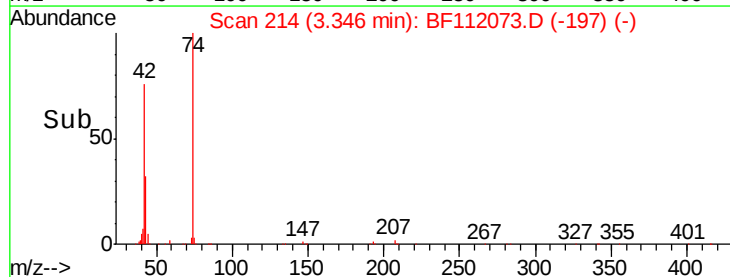
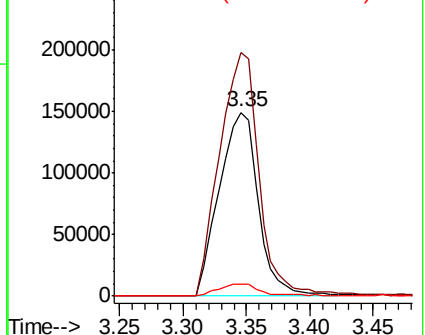
42 100

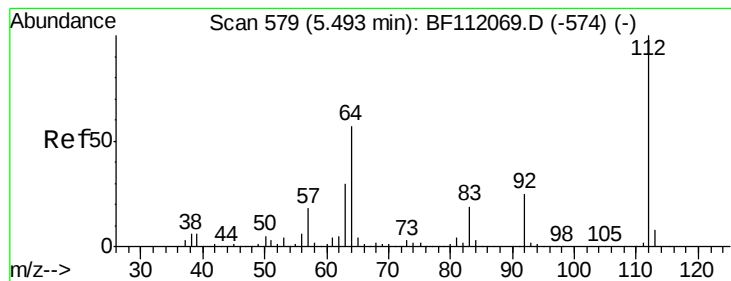
74 132.4 105.6 158.4

44 6.4 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 77.229 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF112073.D

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ClientSampleId :

ICVBF011619

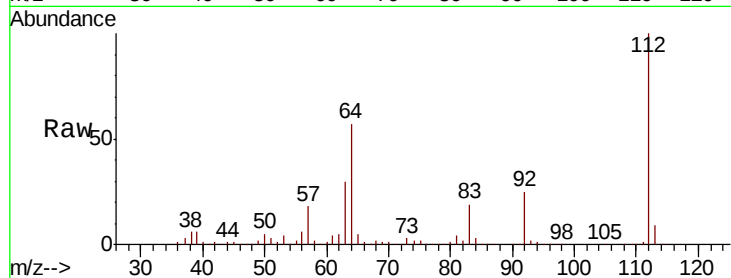
Tot Ion:112 Resp: 1308936

Ion Ratio Lower Upper

112 100

64 57.2 45.7 68.5

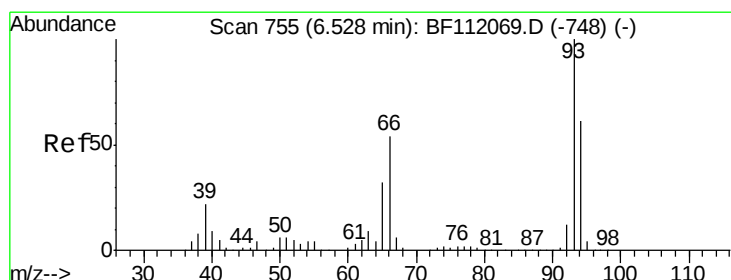
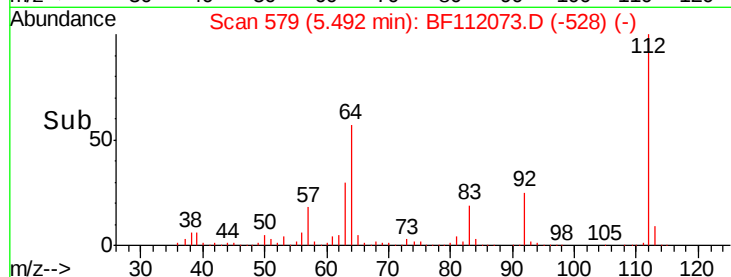
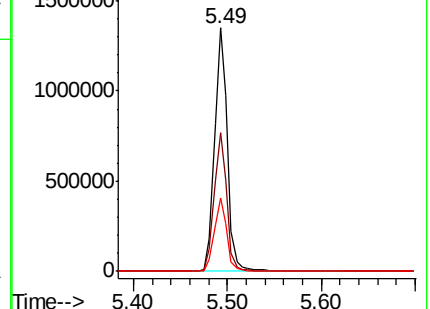
63 30.0 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.544 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

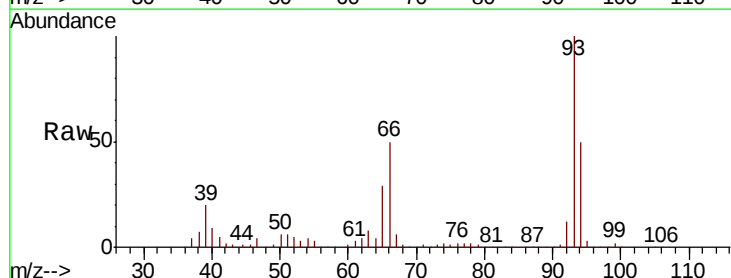
Tgt Ion: 93 Resp: 994097

Ion Ratio Lower Upper

93 100

66 50.4 43.4 65.2

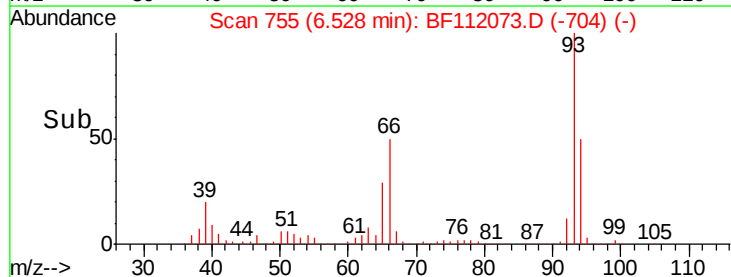
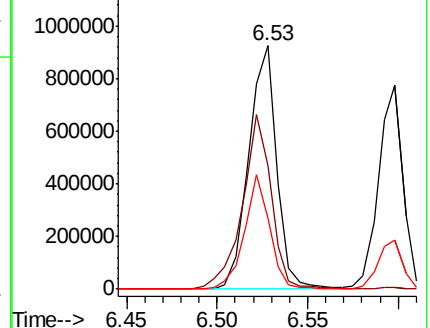
65 29.0 25.3 37.9

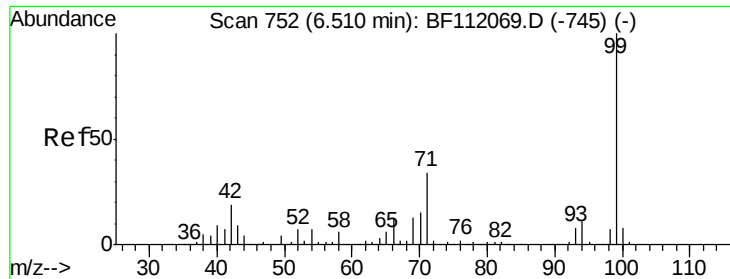


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.427 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

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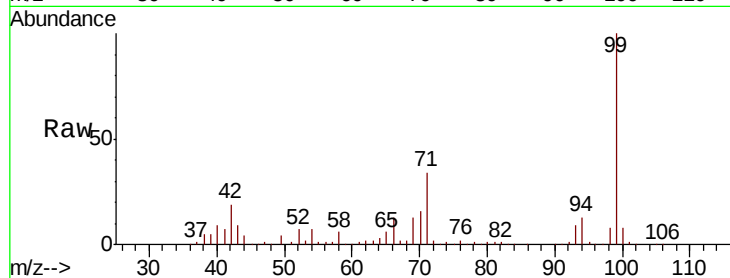
Tot Ion: 99 Resp: 1620672

Ion Ratio Lower Upper

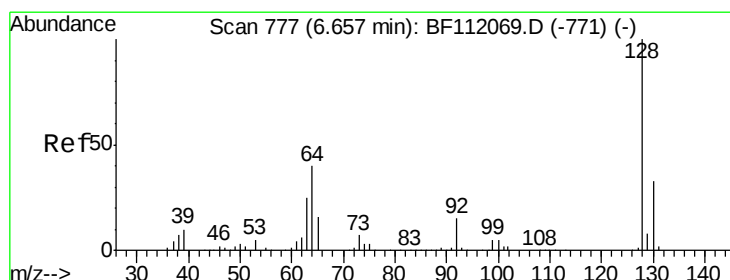
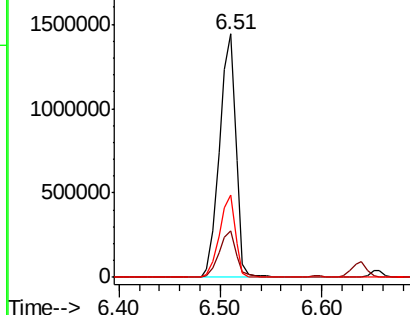
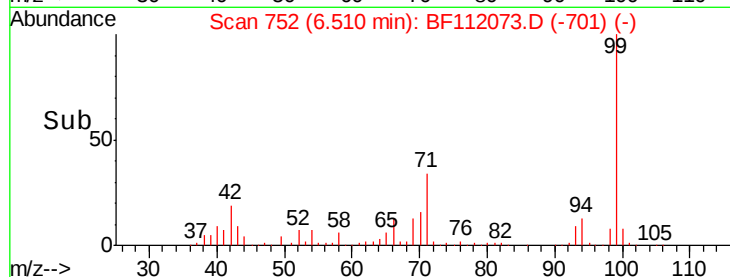
99 100

42 18.9 15.1 22.7

71 33.6 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.930 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

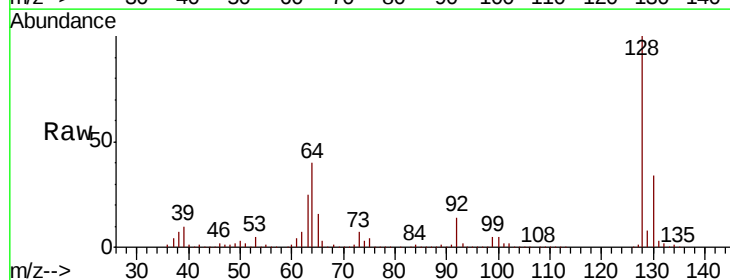
Tgt Ion: 128 Resp: 766306

Ion Ratio Lower Upper

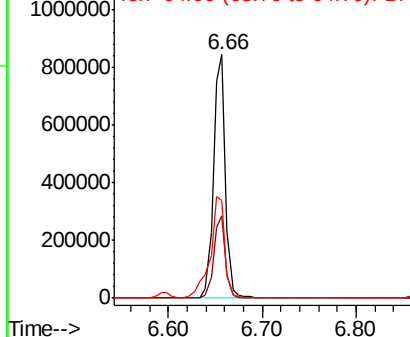
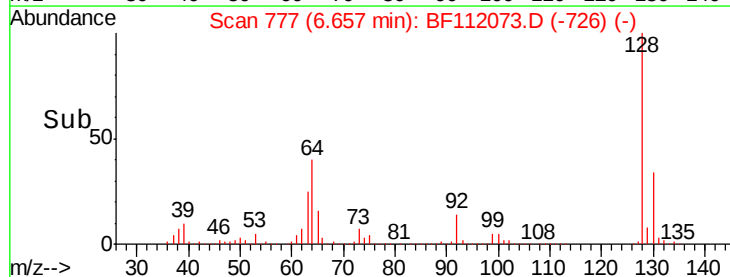
128 100

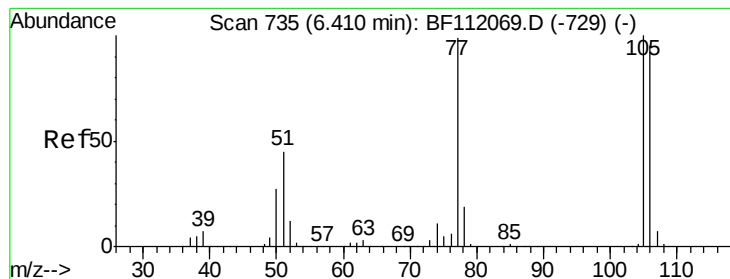
130 33.8 13.4 53.4

64 40.2 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.478 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF112073.D

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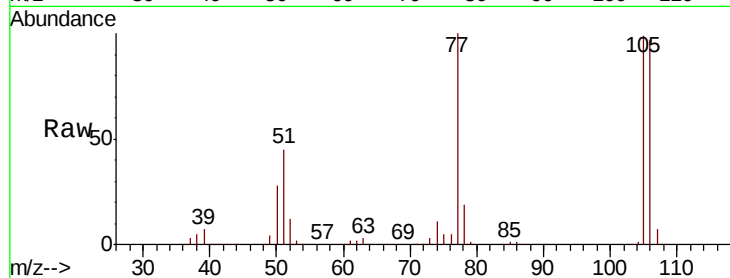
Tot Ion: 77 Resp: 451778

Ion Ratio Lower Upper

77 100

105 99.3 80.8 120.8

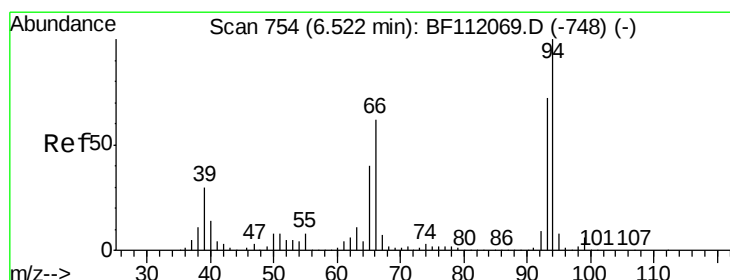
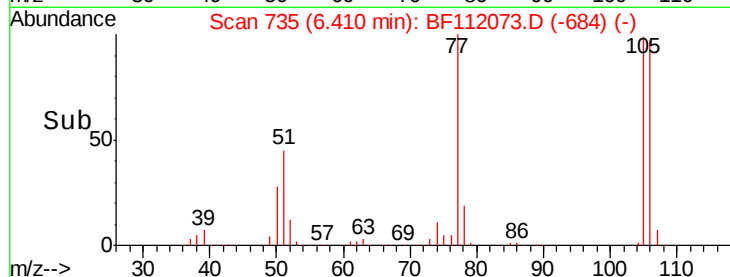
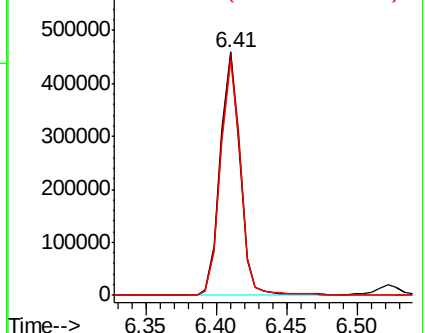
106 96.5 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.733 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

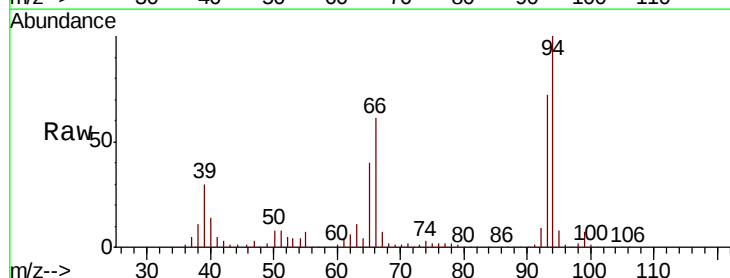
Tgt Ion: 94 Resp: 897653

Ion Ratio Lower Upper

94 100

65 39.8 20.3 60.3

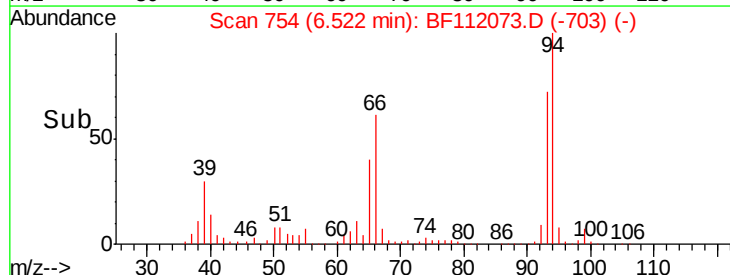
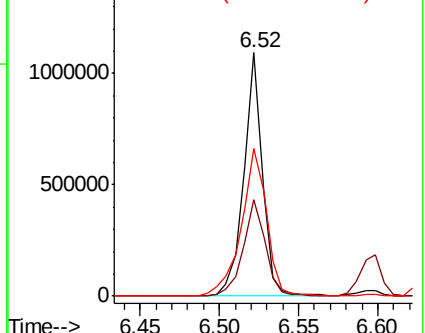
66 60.5 42.4 82.4

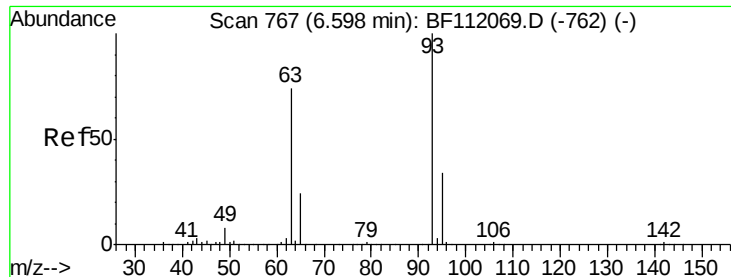


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

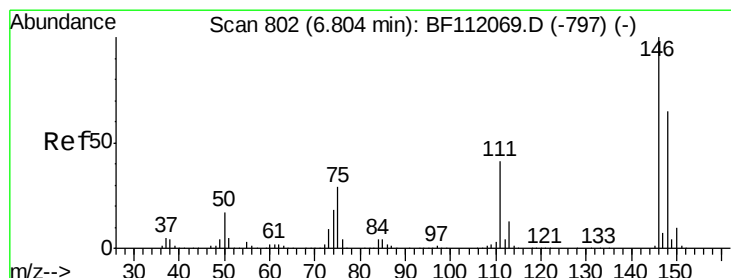
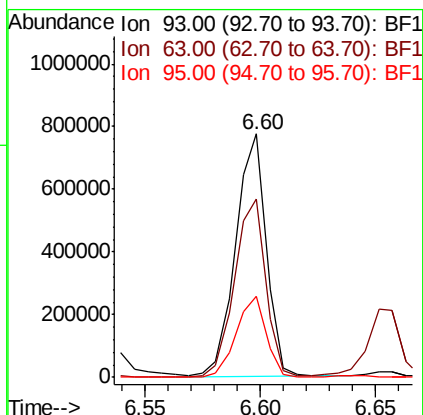
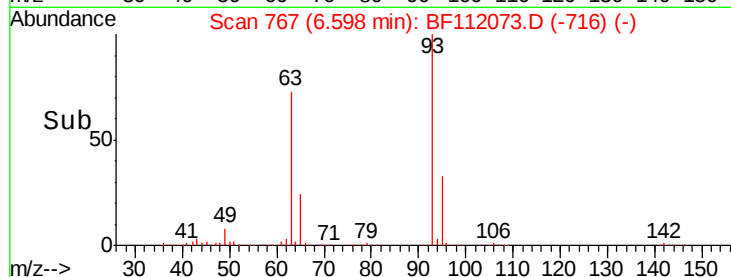
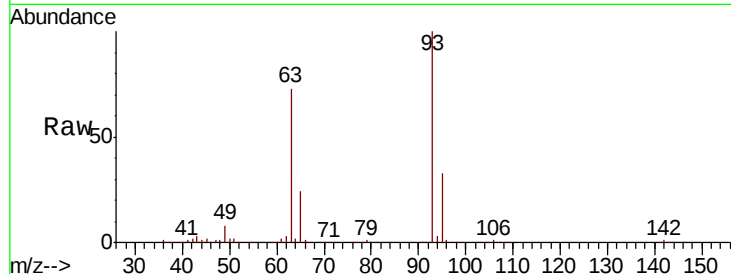




#11
bis(2-Chloroethyl)ether
Concen: 38.951 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

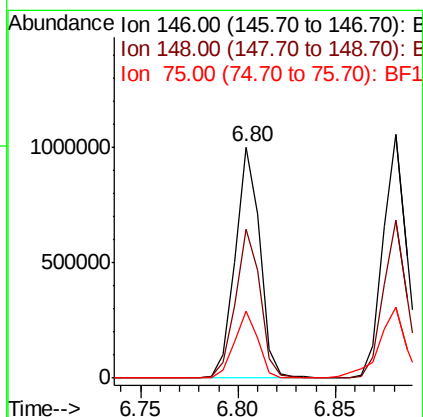
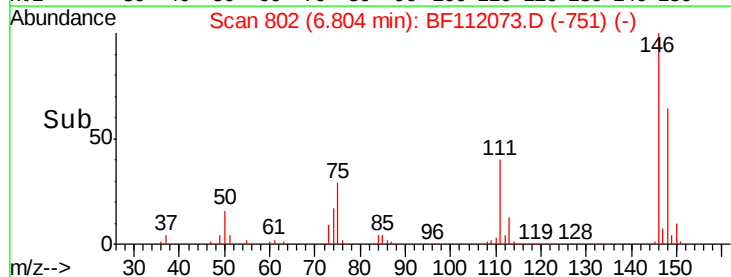
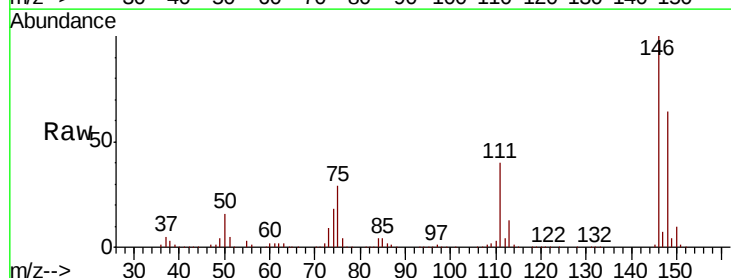
Instrument :
BNA_F
ClientSampleId :
ICVBF011619

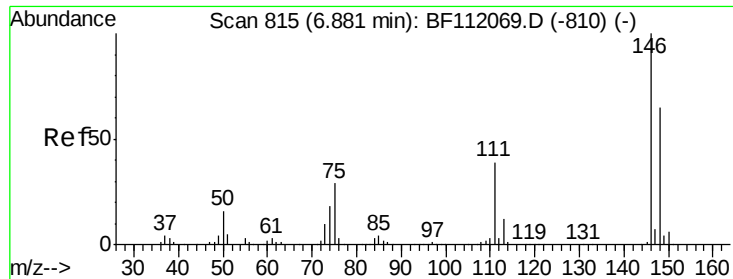
Tot Ion: 93 Resp: 717748
Ion Ratio Lower Upper
93 100
63 73.0 53.3 93.3
95 33.5 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 39.041 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Tgt Ion: 146 Resp: 877029
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
75 28.9 23.1 34.7

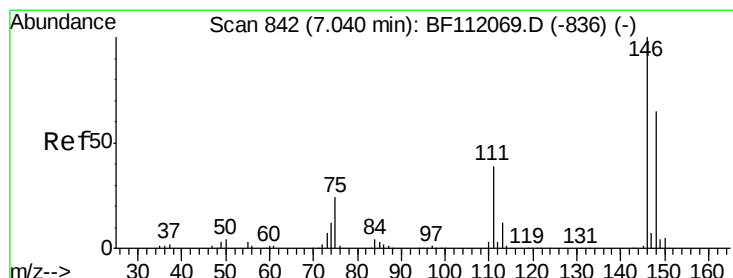
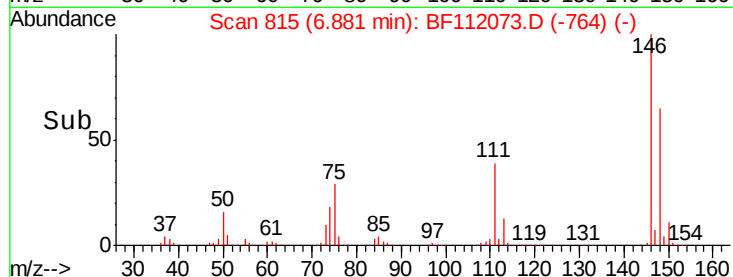
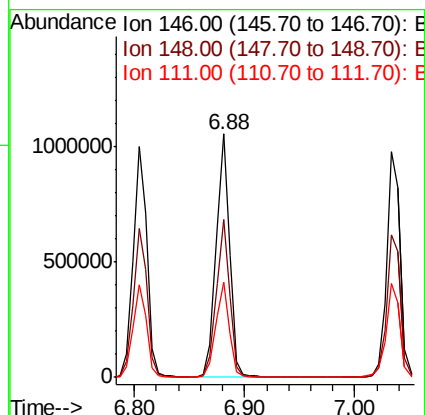
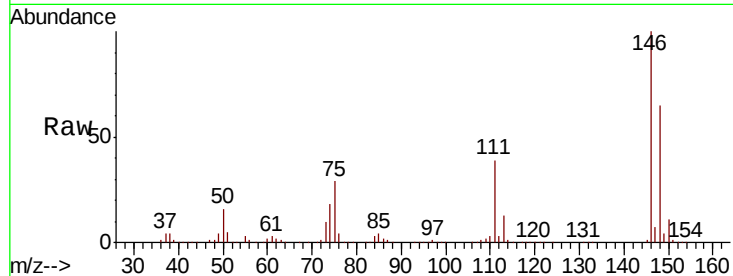




#13
 1,4-Dichlorobenzene
 Concen: 38.584 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF112073.D
 Acq: 16 Jan 2019 18:29

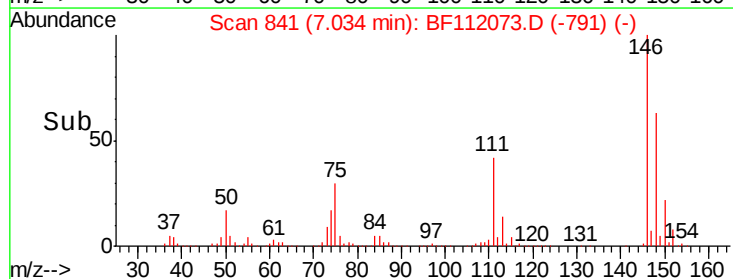
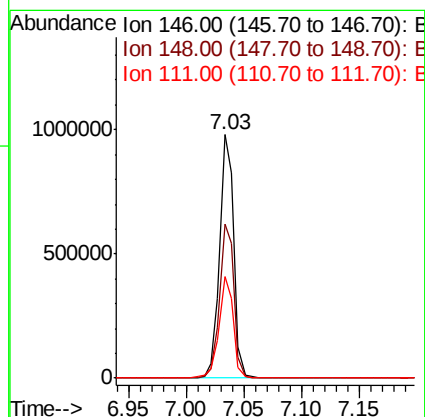
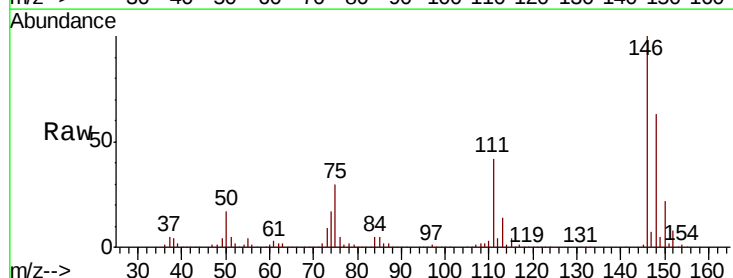
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011619

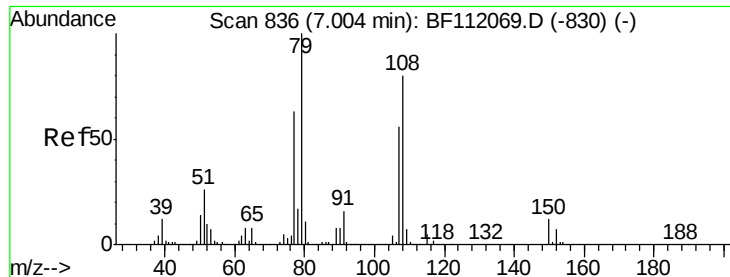
Tot Ion:146 Resp: 886598
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.0 78.0
 111 39.3 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 38.962 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF112073.D
 Acq: 16 Jan 2019 18:29

Tgt Ion:146 Resp: 824681
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.2 78.4
 111 41.7 31.2 46.8





#15

Benzyl Alcohol

Concen: 39.364 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

Instrument :

BNA_F

ClientSampleId :

ICVBF011619

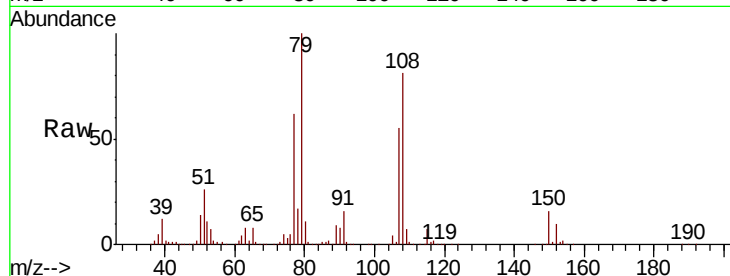
Tot Ion: 79 Resp: 621913

Ion Ratio Lower Upper

79 100

108 80.9 64.2 96.2

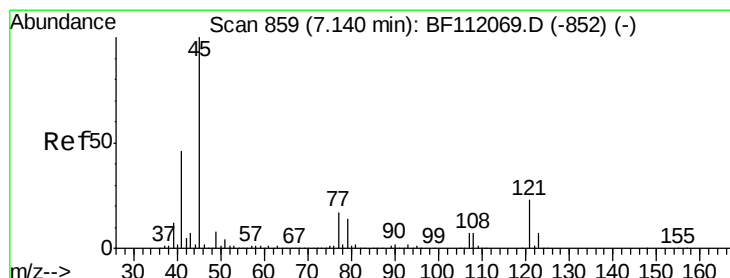
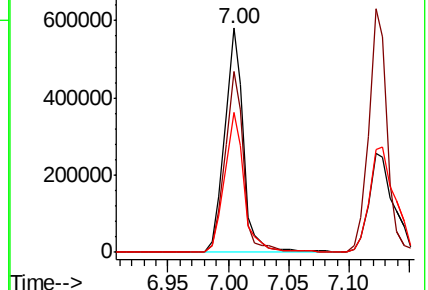
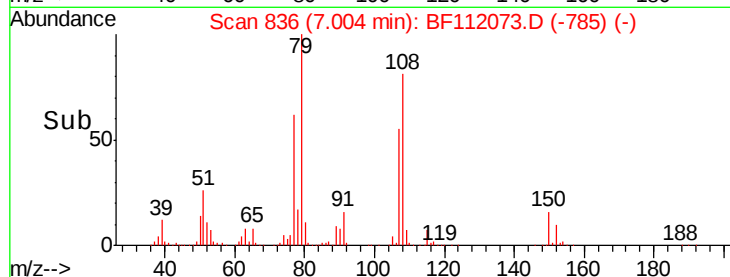
77 62.2 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.179 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

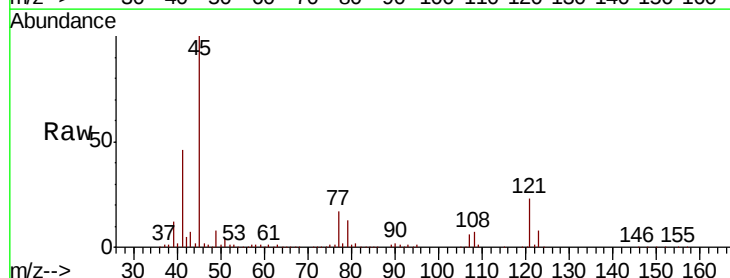
Tgt Ion: 45 Resp: 1014531

Ion Ratio Lower Upper

45 100

77 16.6 0.0 36.9

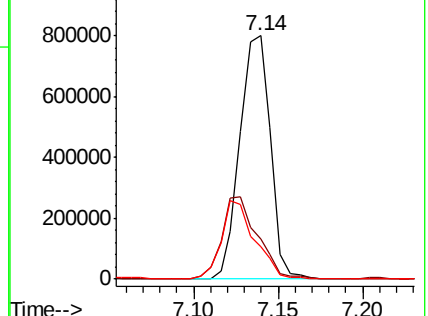
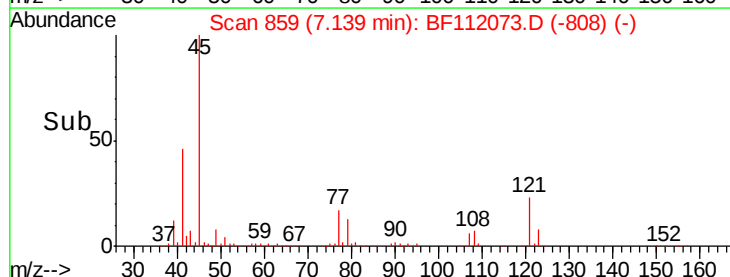
79 13.4 0.0 34.0

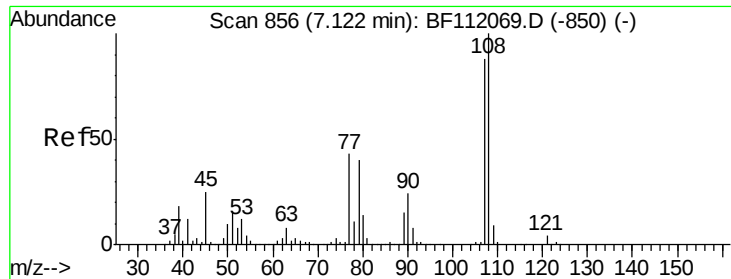


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

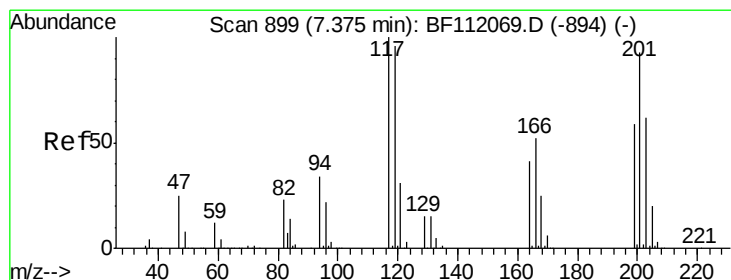
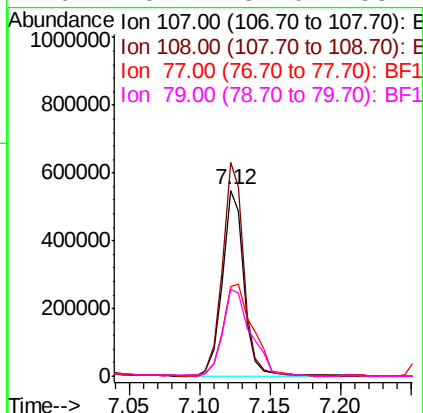
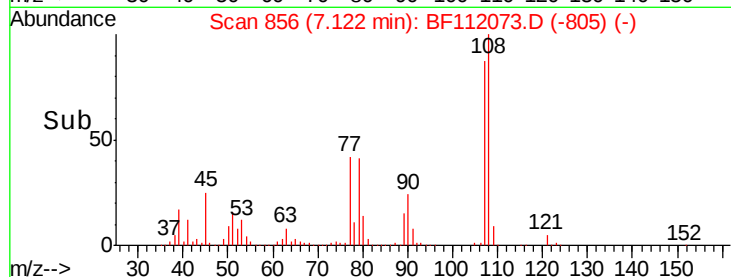
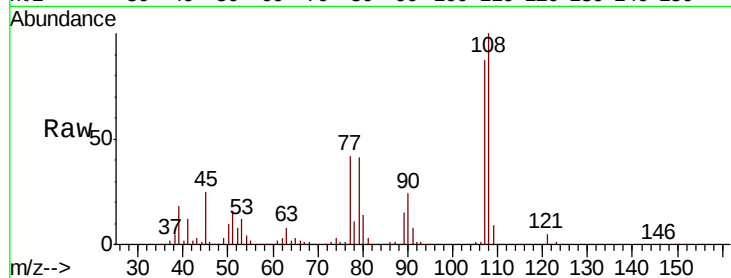




#17
2-Methylphenol
Concen: 38.978 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

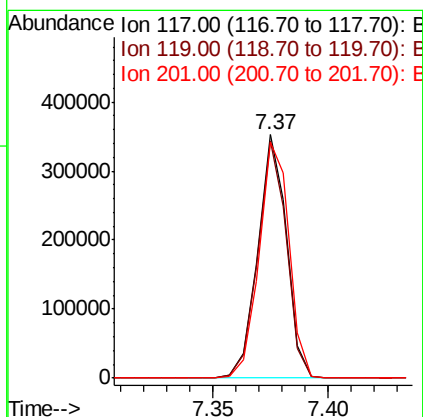
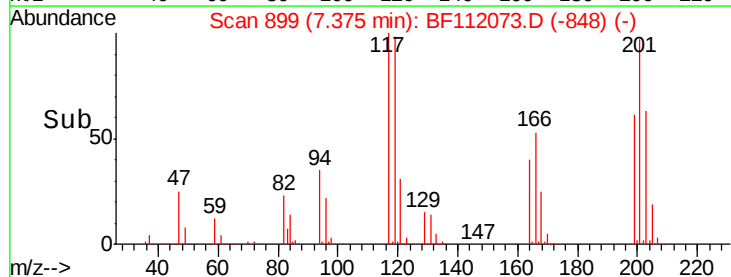
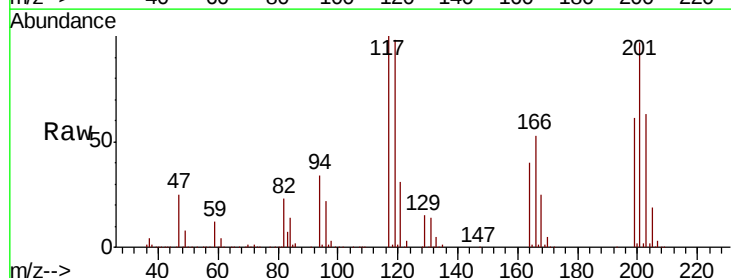
Instrument :
BNA_F
ClientSampleId :
ICVBF011619

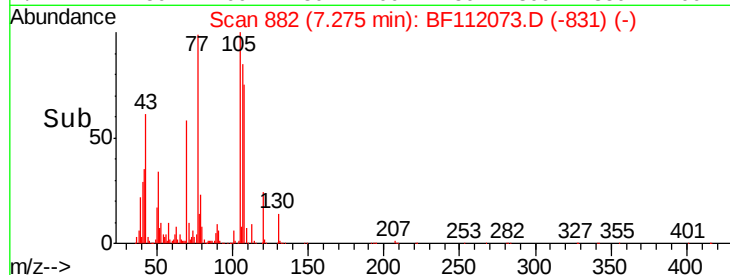
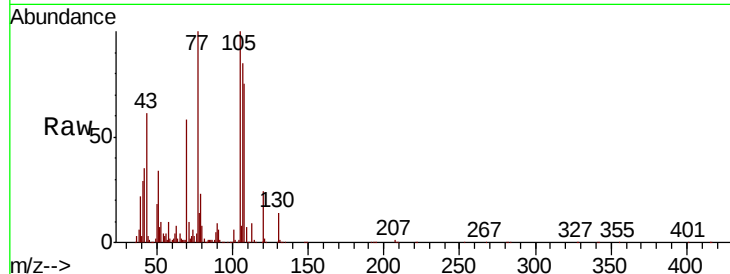
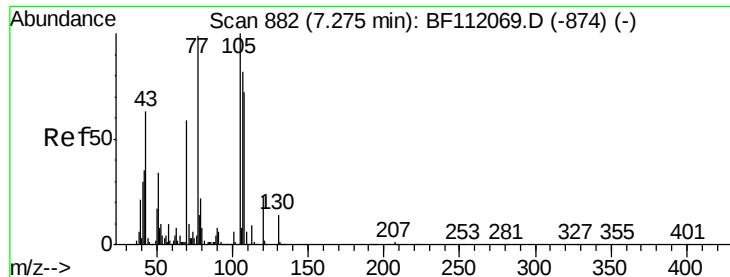
Tot Ion:	107	Resp:	576196
Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.3	136.9
77	48.3	39.0	58.6
79	46.7	37.0	55.4



#18
Hexachloroethane
Concen: 39.712 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Tgt Ion:	117	Resp:	304561
Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.0	115.4
201	96.7	74.1	111.1

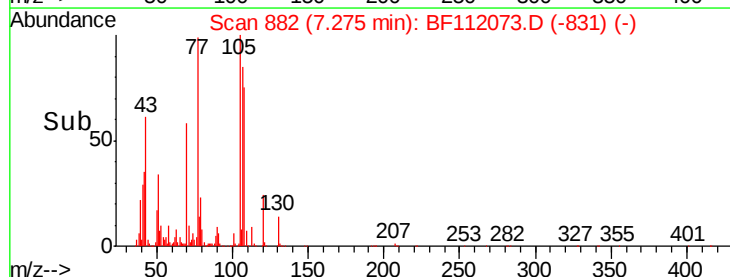
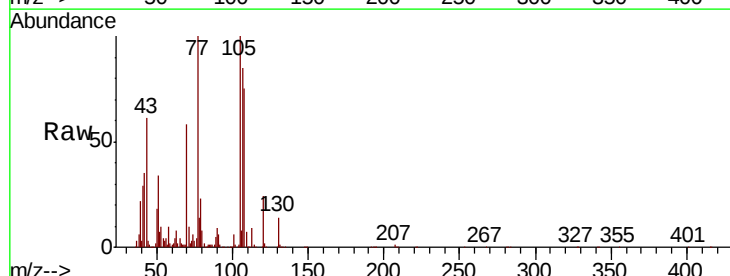
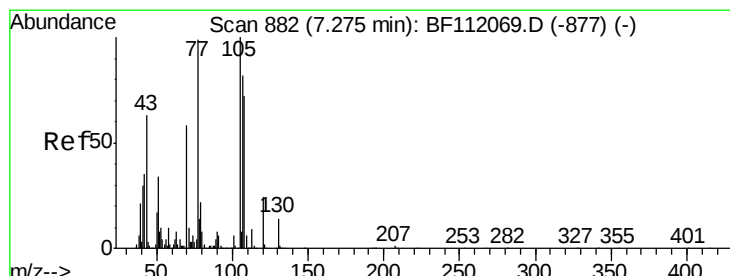
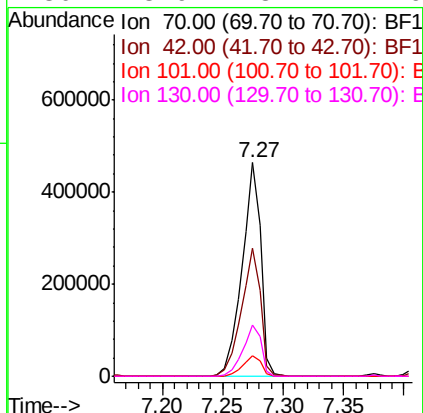




#19
n-Nitroso-di-n-propylamine
Concen: 39.000 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

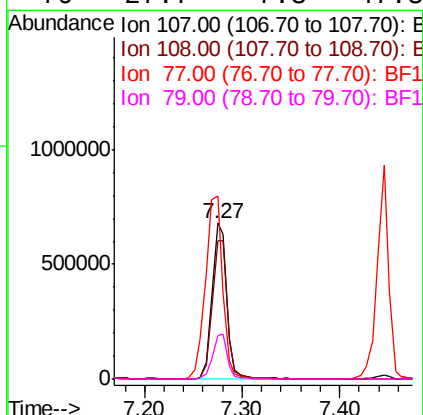
Instrument :
BNA_F
ClientSampleId :
ICVBF011619

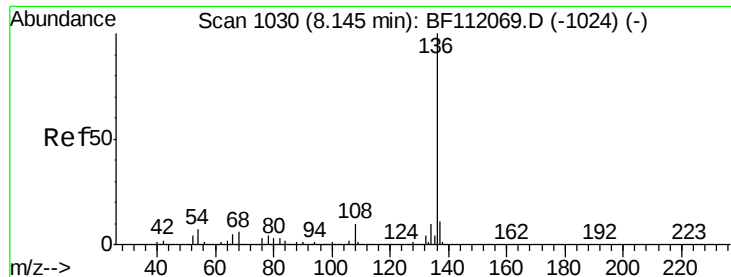
Tot Ion:	70	Resp:	503822
Ion	Ratio	Lower	Upper
70	100		
42	60.2	47.6	71.4
101	9.9	7.9	11.9
130	23.9	18.4	27.6



#20
3+4-Methylphenols
Concen: 39.443 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Tgt Ion:	107	Resp:	706969
Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.2	108.2
77	117.6	100.7	140.7
79	27.7	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

Instrument :

BNA_F

ClientSampleId :

ICVBF011619

Tot Ion:136 Resp: 1157967

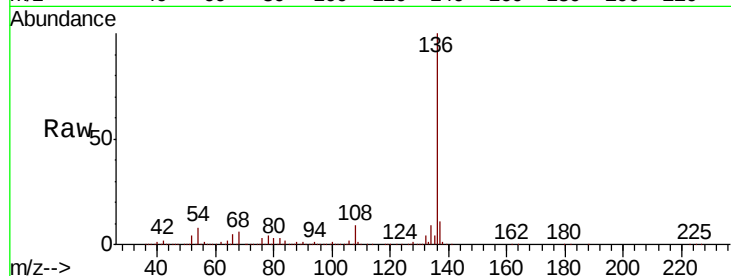
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.5 5.9 8.9

68 6.2 5.1 7.7

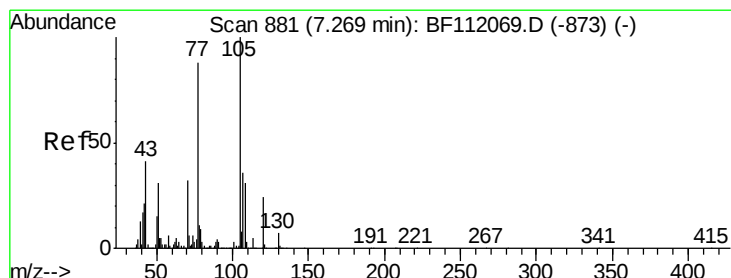
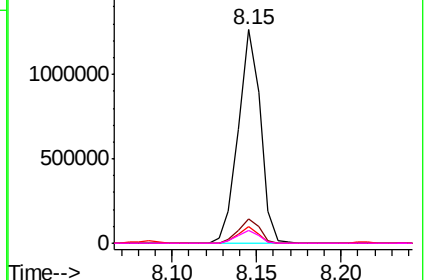
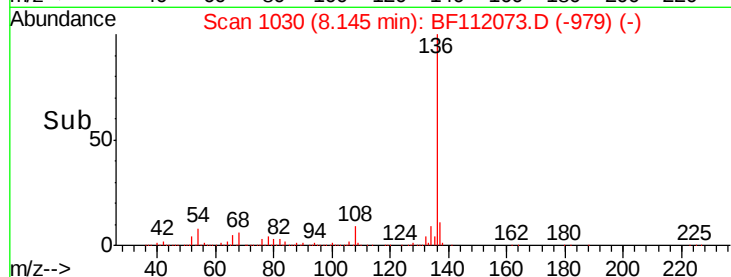


Abundance Ion 136.00 (135.70 to 136.70): E

2000000 Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.716 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

Tgt Ion:105 Resp: 1011806

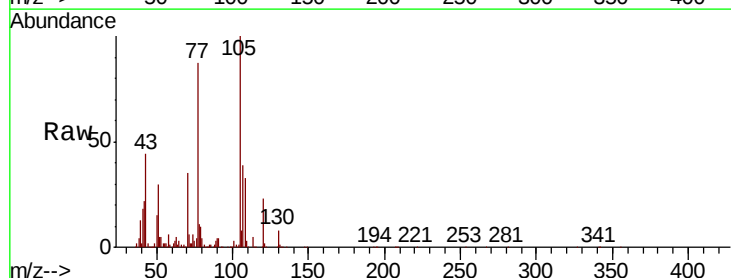
Ion Ratio Lower Upper

105 100

71 6.2 4.6 6.8

51 30.4 25.0 37.6

120 23.4 19.0 28.4

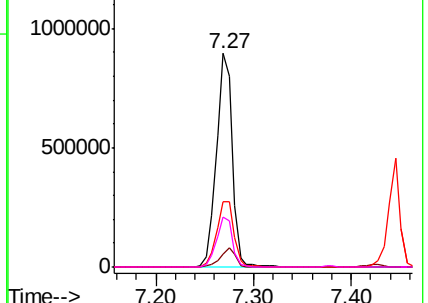
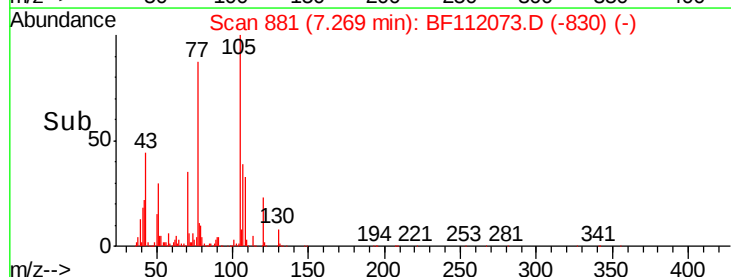


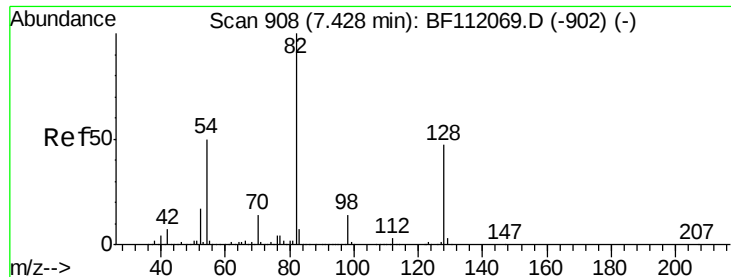
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

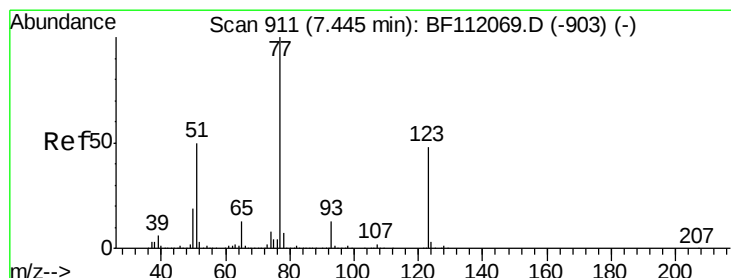
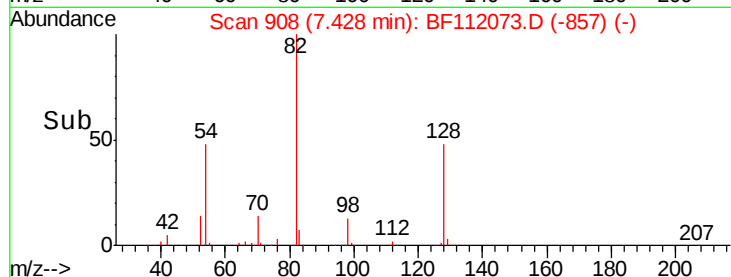
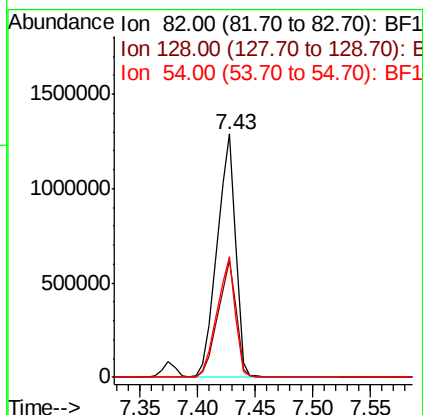
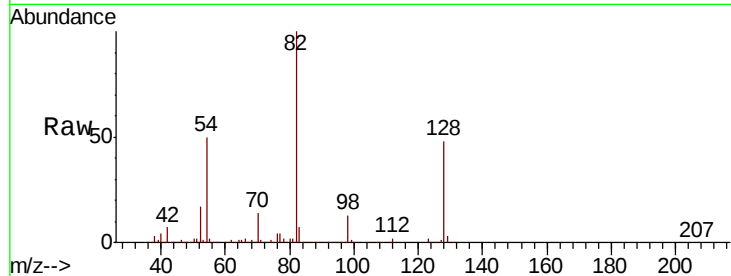




#23
 Nitrobenzene-d5
 Concen: 85.935 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BF112073.D
 Acq: 16 Jan 2019 18:29

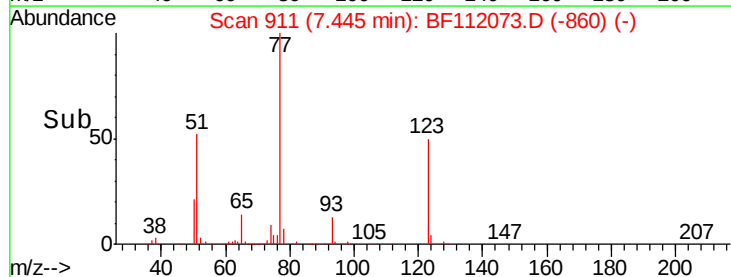
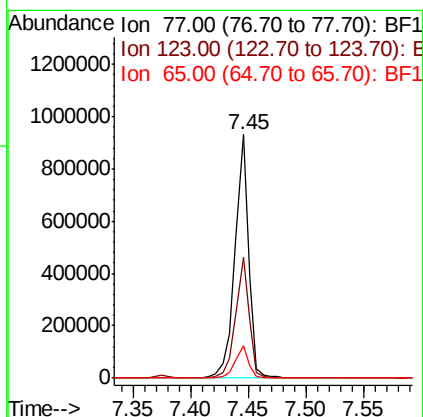
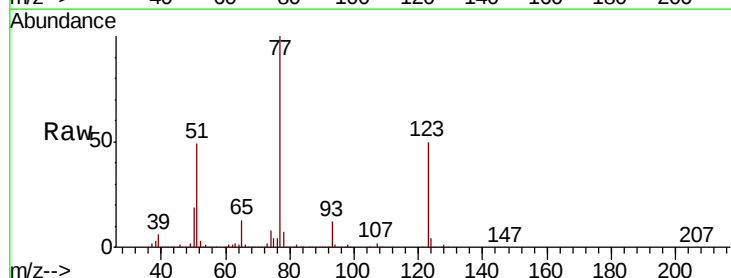
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011619

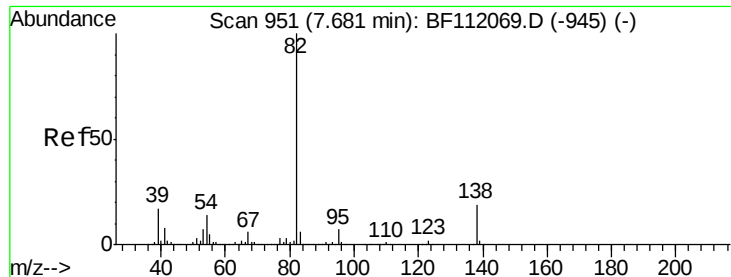
Tot Ion: 82 Resp: 1440320
 Ion Ratio Lower Upper
 82 100
 128 48.1 37.8 56.8
 54 49.8 39.7 59.5



#24
 Nitrobenzene
 Concen: 42.796 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF112073.D
 Acq: 16 Jan 2019 18:29

Tgt Ion: 77 Resp: 760194
 Ion Ratio Lower Upper
 77 100
 123 49.8 38.4 57.6
 65 13.2 10.6 15.8





#25

Isophorone

Concen: 37.984 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

Instrument :

BNA_F

ClientSampleId :

ICVBF011619

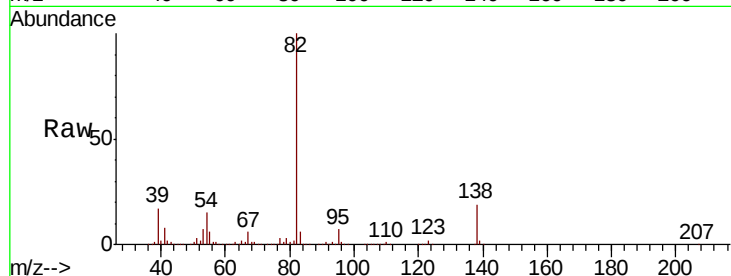
Tot Ion: 82 Resp: 1229687

Ion Ratio Lower Upper

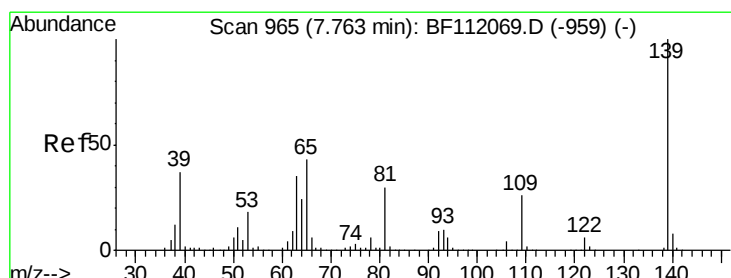
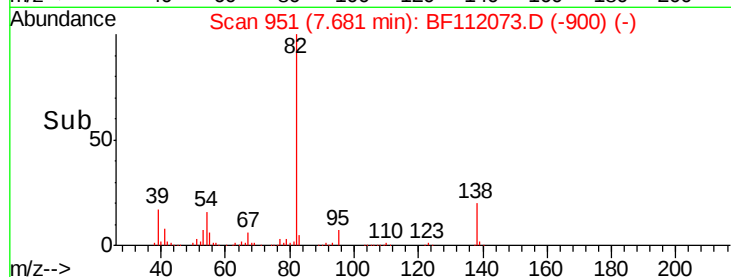
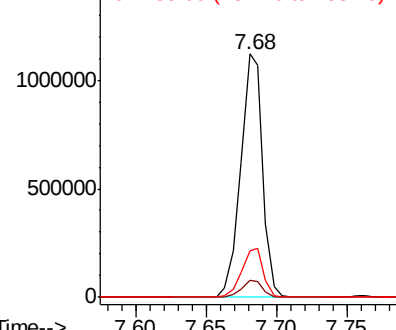
82 100

95 6.9 5.7 8.5

138 19.2 15.4 23.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.733 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

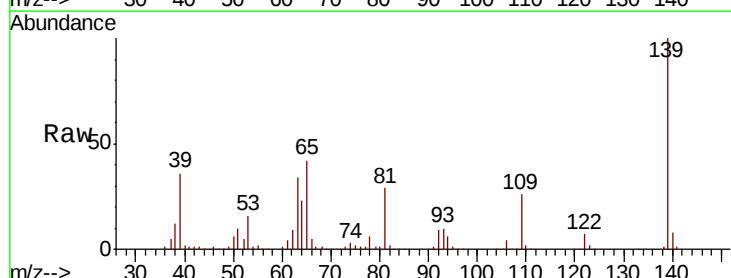
Tgt Ion: 139 Resp: 383427

Ion Ratio Lower Upper

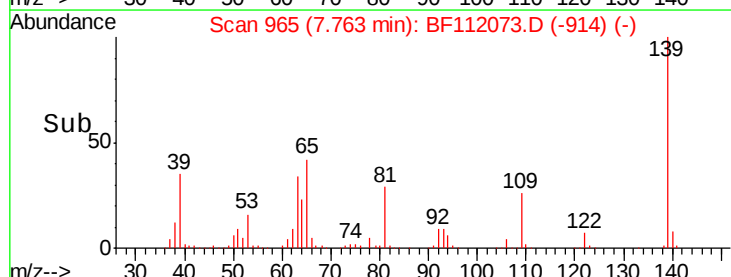
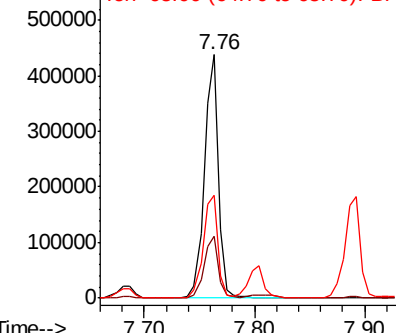
139 100

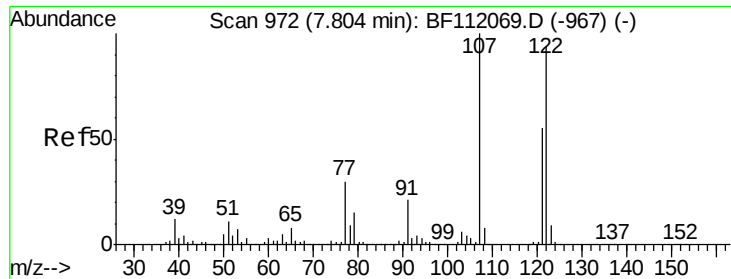
109 25.6 20.8 31.2

65 42.3 34.4 51.6



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

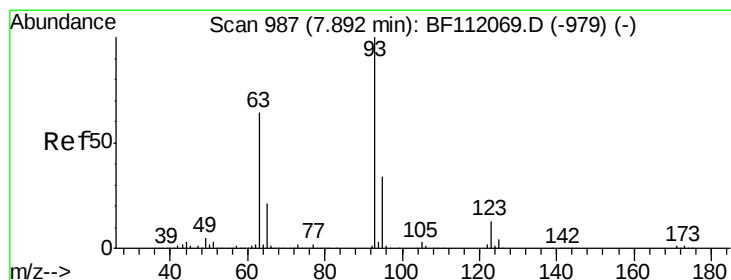
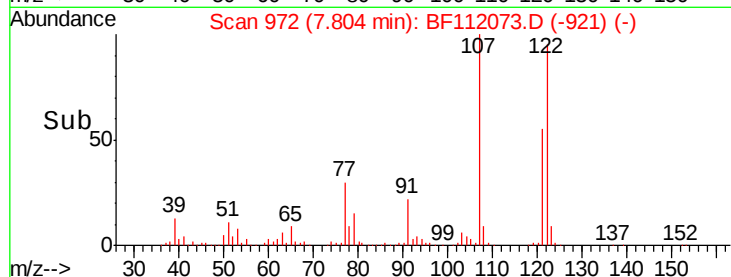
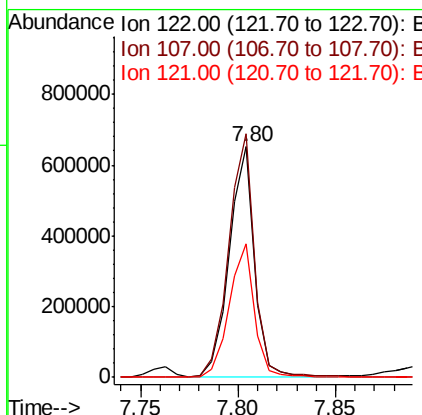
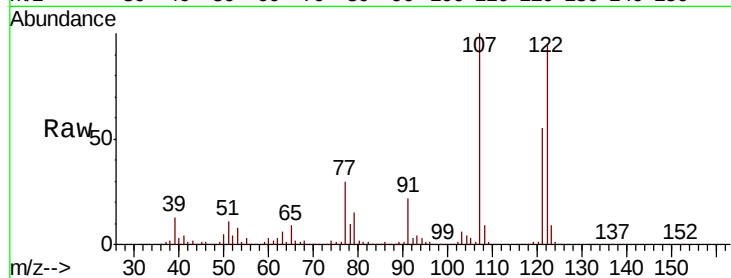




#27
 2,4-Dimethylphenol
 Concen: 38.956 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BF112073.D
 Acq: 16 Jan 2019 18:29

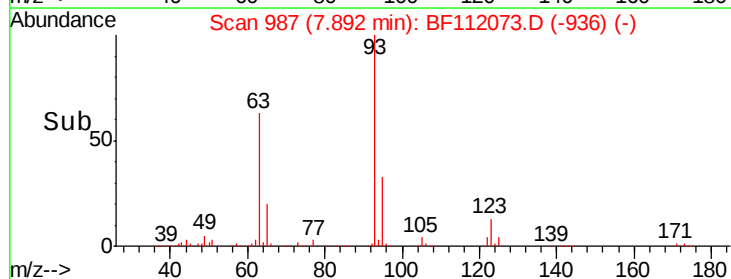
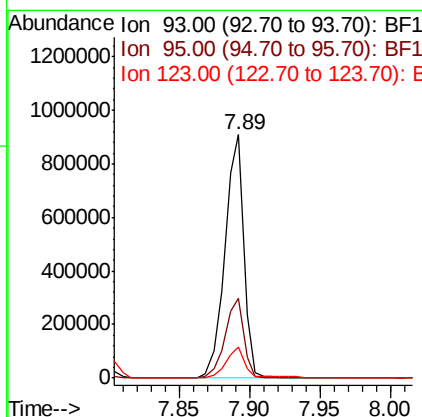
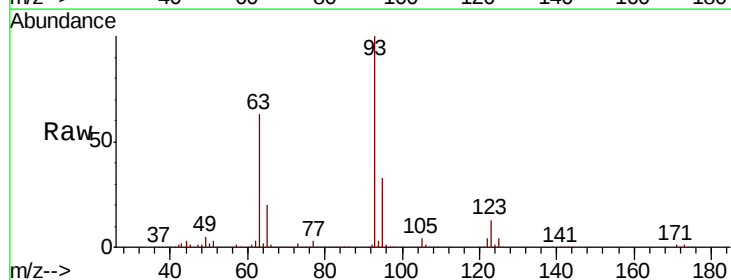
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011619

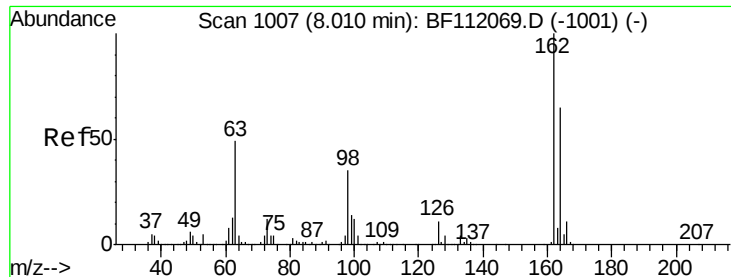
Tot Ion:122 Resp: 585400
 Ion Ratio Lower Upper
 122 100
 107 105.5 85.4 128.0
 121 57.9 47.0 70.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.260 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF112073.D
 Acq: 16 Jan 2019 18:29

Tgt Ion: 93 Resp: 849635
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.8 40.2
 123 12.9 10.2 15.2

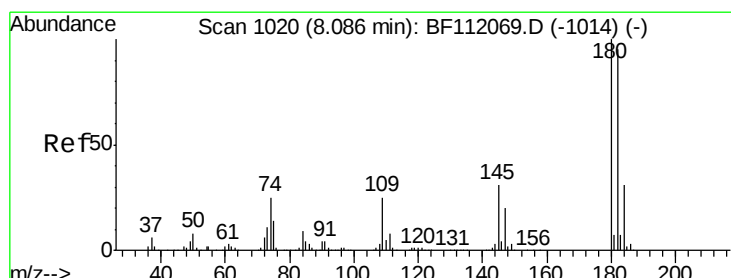
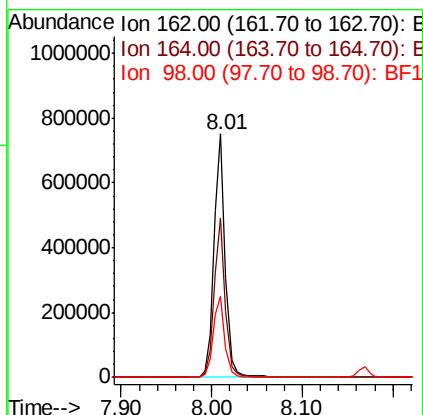
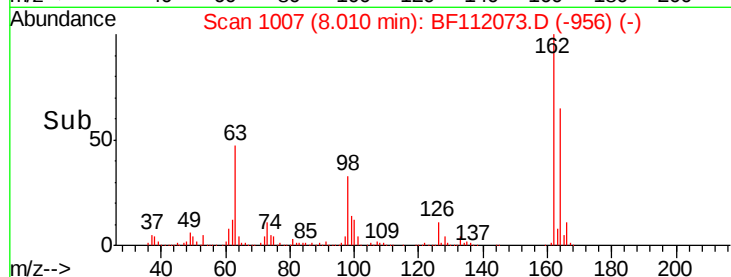
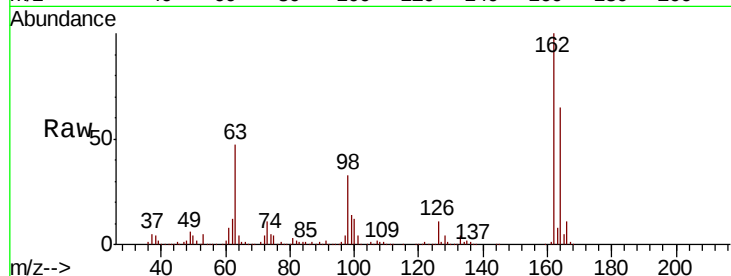




#29
 2,4-Dichlorophenol
 Concen: 39.639 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BF112073.D
 Acq: 16 Jan 2019 18:29

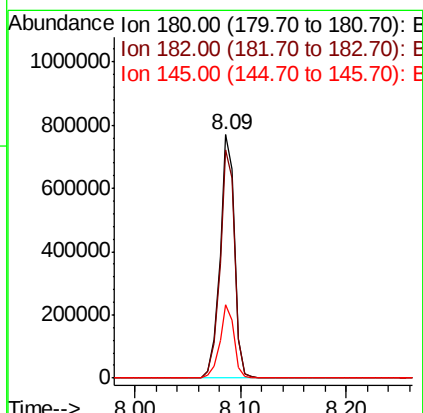
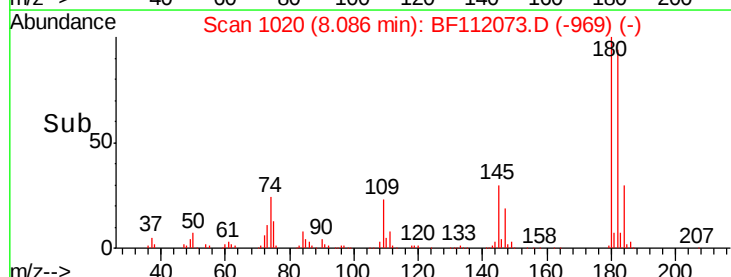
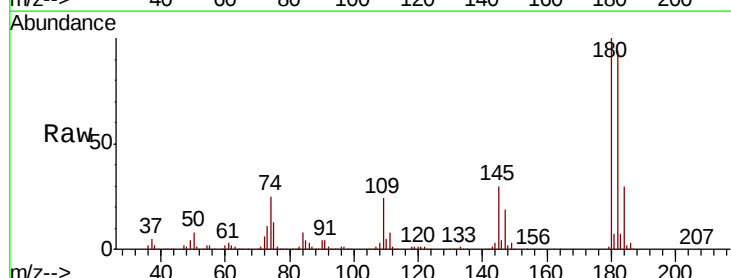
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011619

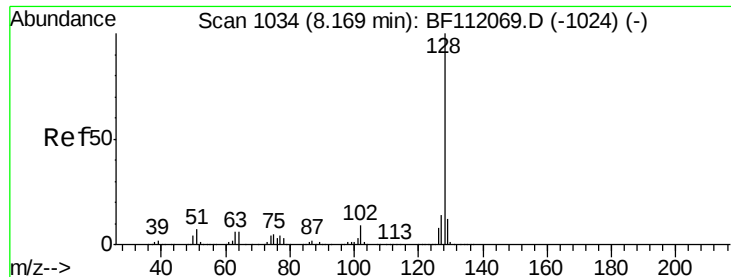
Tot Ion:	162	Resp:	650698
Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.6	84.6
98	33.3	14.6	54.6



#30
 1,2,4-Trichlorobenzene
 Concen: 39.134 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BF112073.D
 Acq: 16 Jan 2019 18:29

Tgt Ion:	180	Resp:	745533
Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.4	114.6
145	30.4	25.0	37.4

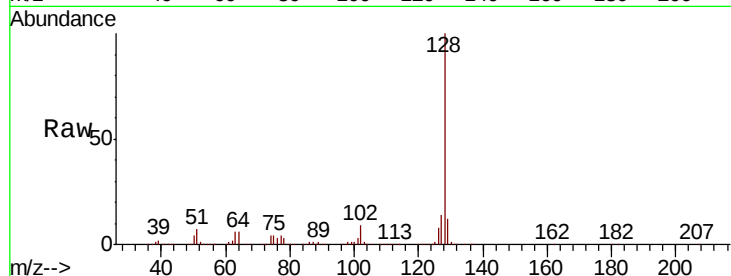




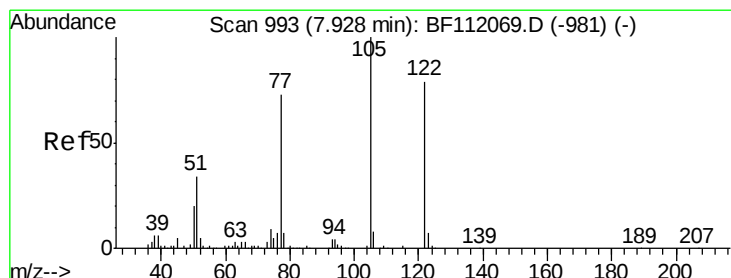
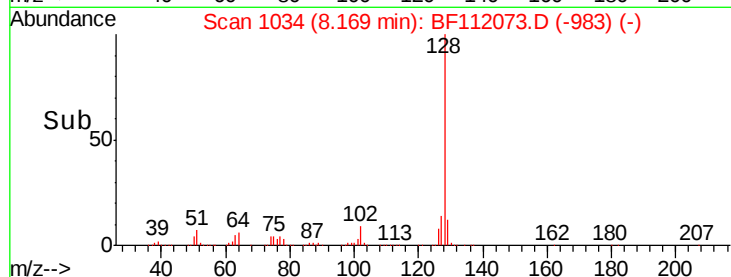
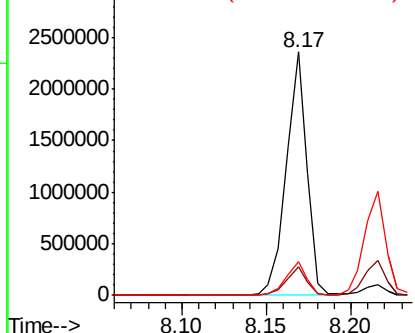
#31
Naphthalene
Concen: 38.317 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Instrument :
BNA_F
ClientSampleId :
ICVBF011619

Tot Ion:128 Resp: 2018100
Ion Ratio Lower Upper
128 100
129 11.6 9.6 14.4
127 13.8 11.1 16.7

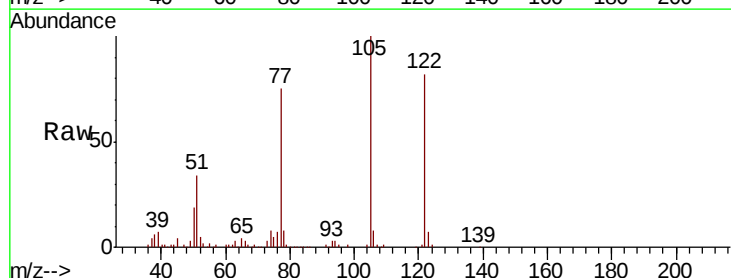


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

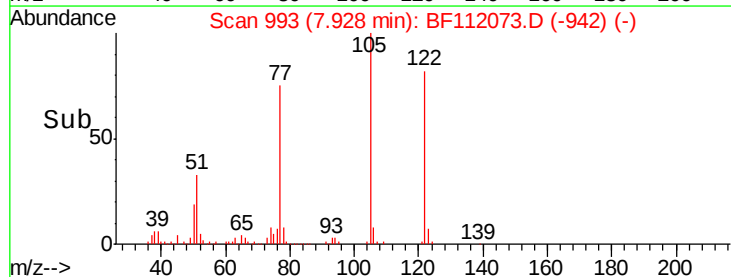
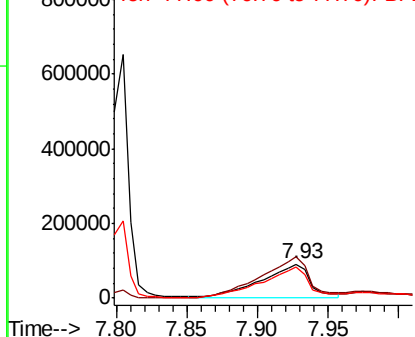


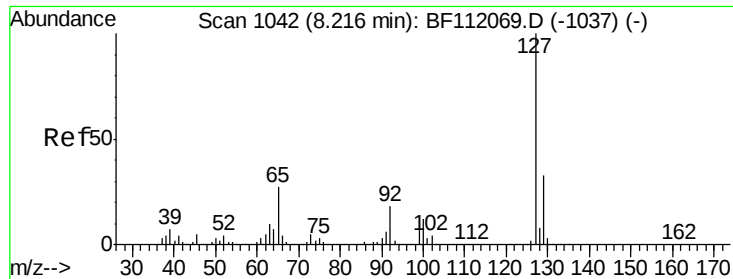
#32
Benzoic acid
Concen: 35.963 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Tgt Ion:122 Resp: 218339
Ion Ratio Lower Upper
122 100
105 121.6 101.2 141.2
77 91.4 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

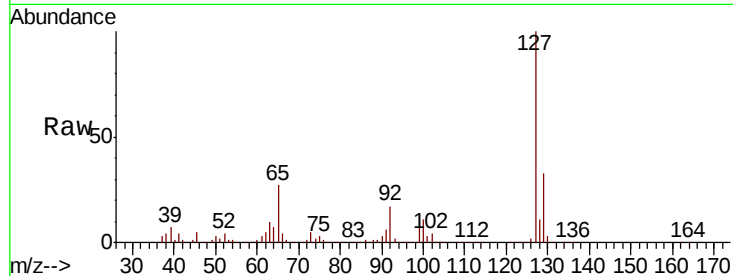




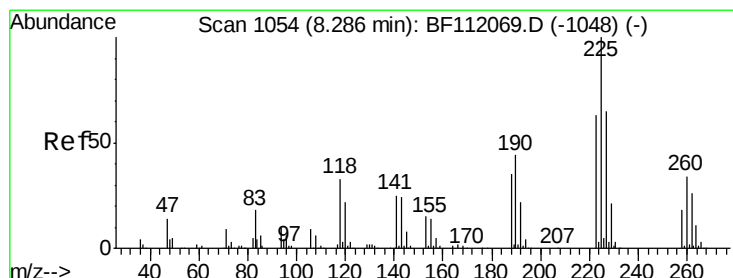
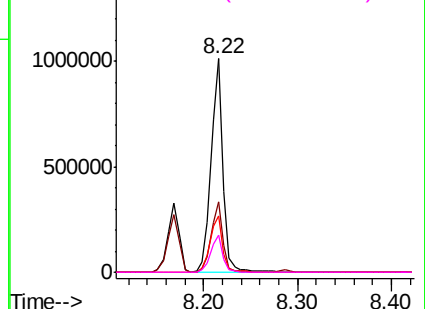
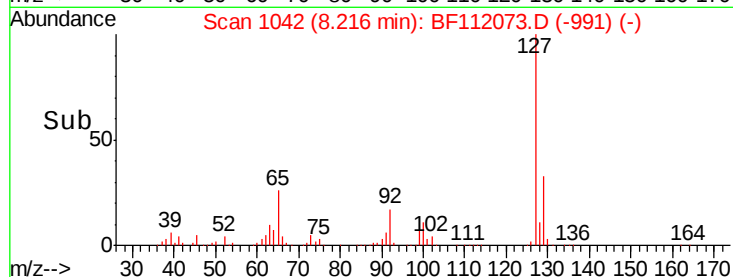
#33
4-Chloroaniline
Concen: 38.240 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Instrument :
BNA_F
ClientSampleId :
ICVBF011619

Tot Ion:	127	Resp:	905147
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	39.8
65	26.7	21.4	32.2
92	17.2	14.2	21.2

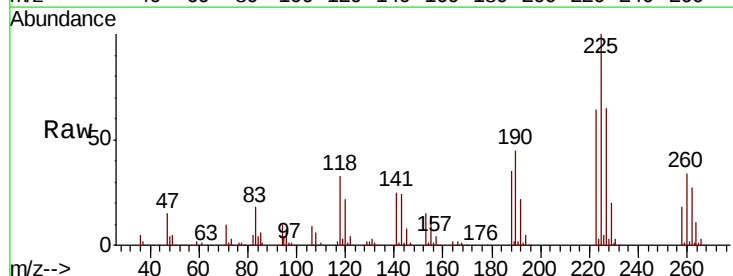


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

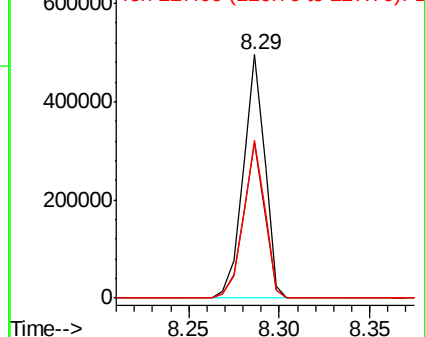
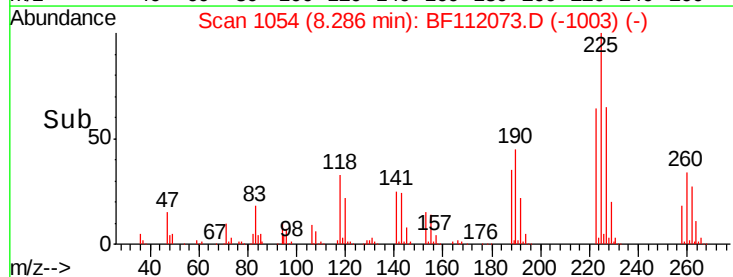


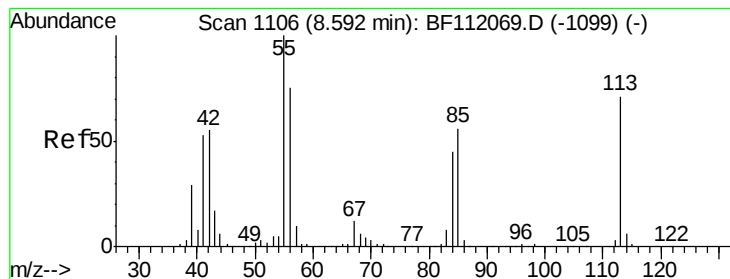
#34
Hexachlorobutadiene
Concen: 38.482 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Tgt Ion:	225	Resp:	407971
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.3	75.5
227	64.8	51.8	77.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.571 ng

RT: 8.59 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

Instrument :

BNA_F

ClientSampleId :

ICVBF011619

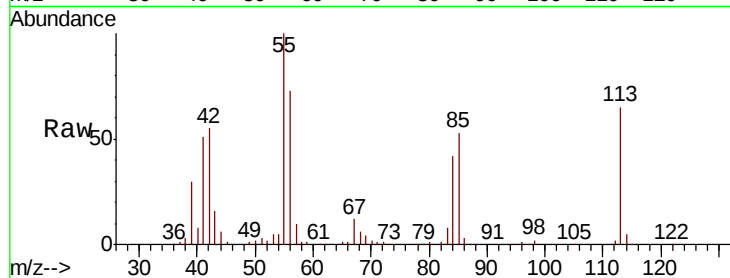
Tot Ion:113 Resp: 221609

Ion Ratio Lower Upper

113 100

55 152.9 121.6 161.6

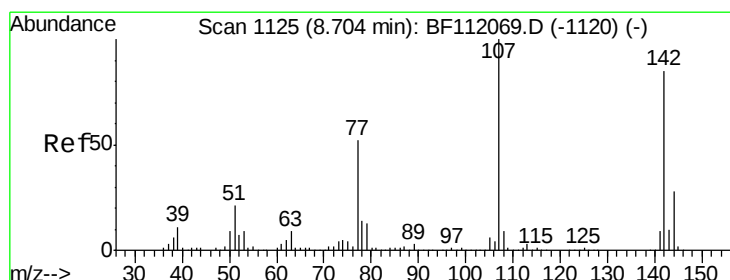
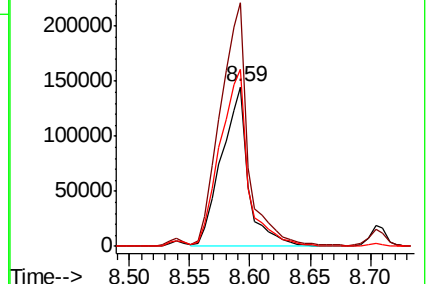
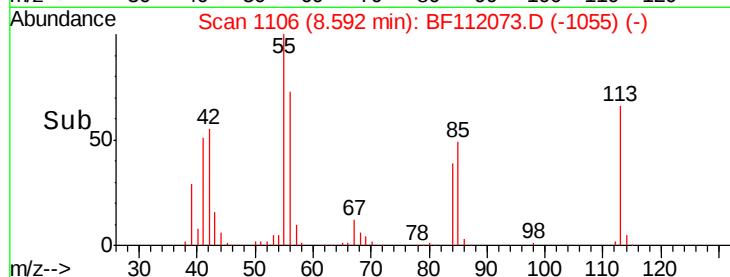
56 111.3 86.7 126.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.729 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

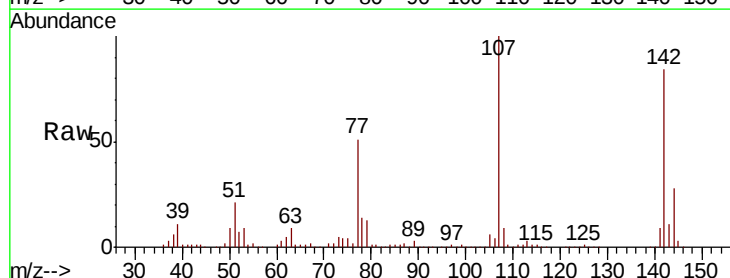
Tgt Ion:107 Resp: 620948

Ion Ratio Lower Upper

107 100

144 27.7 22.2 33.2

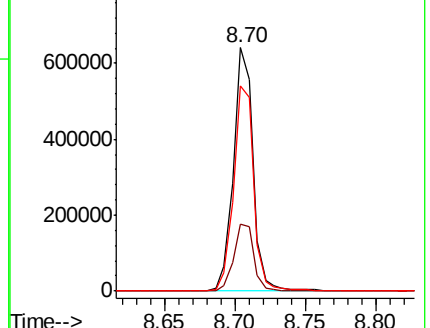
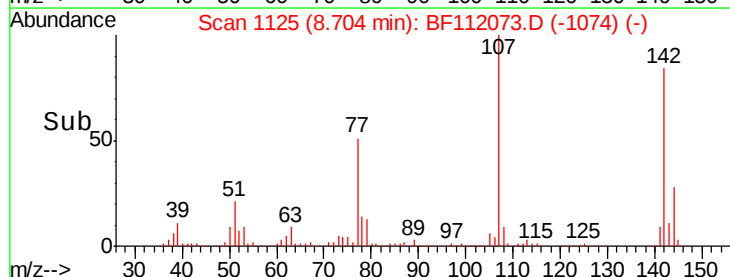
142 84.5 67.7 101.5

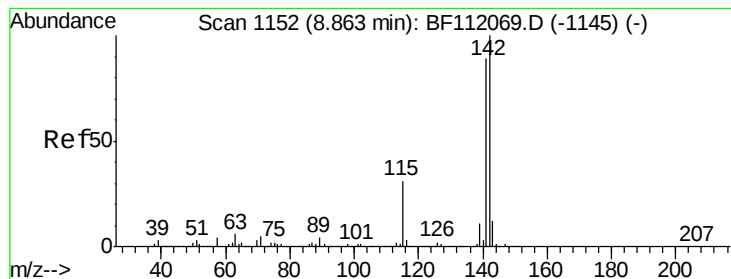


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

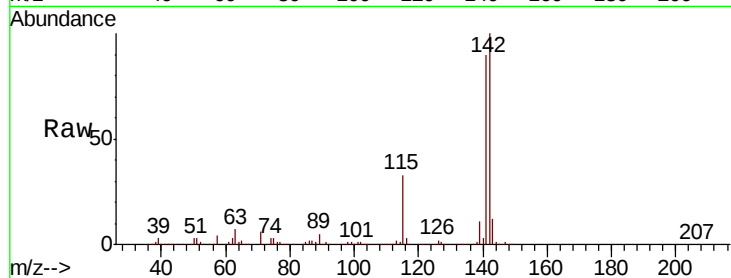




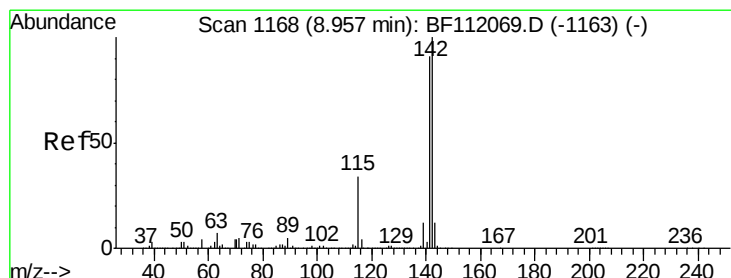
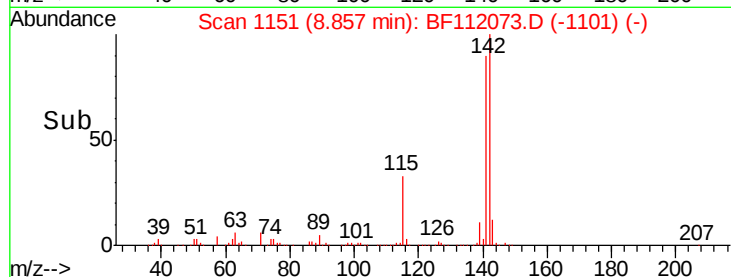
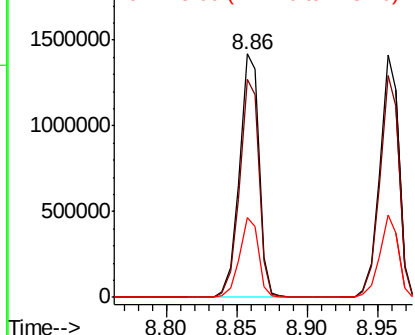
#37
 2-Methylnaphthalene
 Concen: 38.307 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF112073.D
 Acq: 16 Jan 2019 18:29

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011619

Tot Ion:142 Resp: 1370035
 Ion Ratio Lower Upper
 142 100
 141 89.6 70.9 106.3
 115 32.8 24.9 37.3

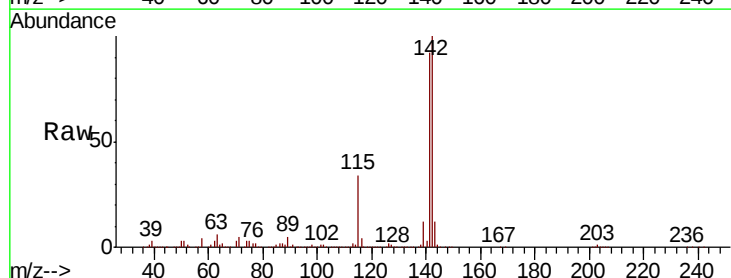


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

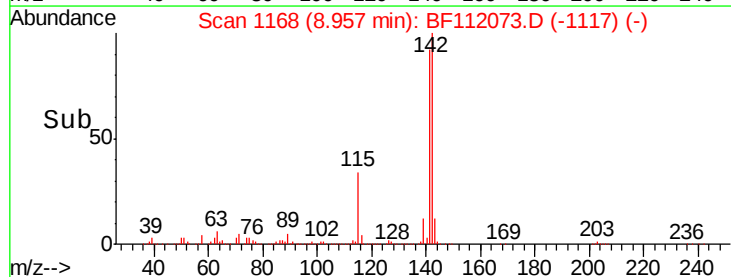
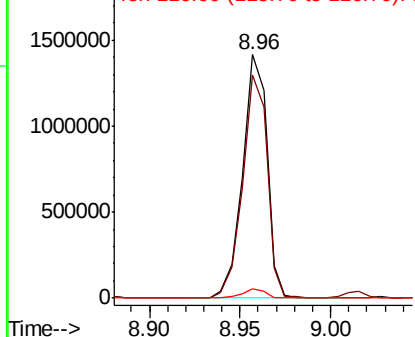


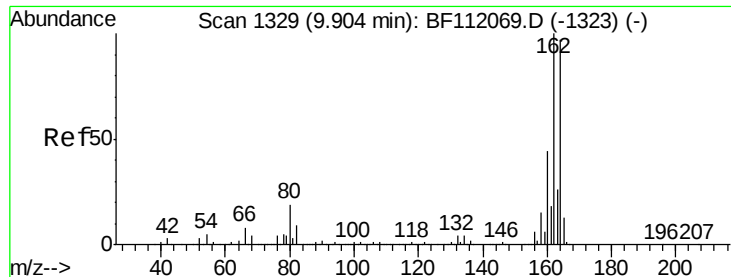
#38
 1-Methylnaphthalene
 Concen: 38.629 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF112073.D
 Acq: 16 Jan 2019 18:29

Tgt Ion:142 Resp: 1327716
 Ion Ratio Lower Upper
 142 100
 141 91.6 72.6 108.8
 116 3.7 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

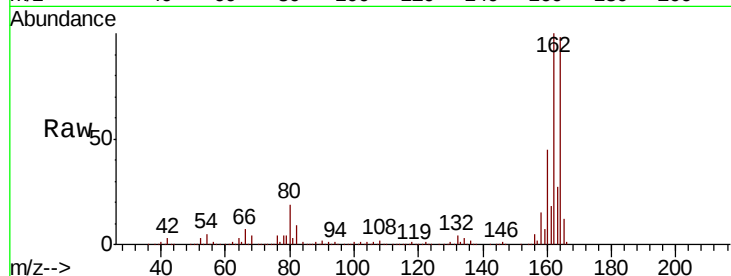




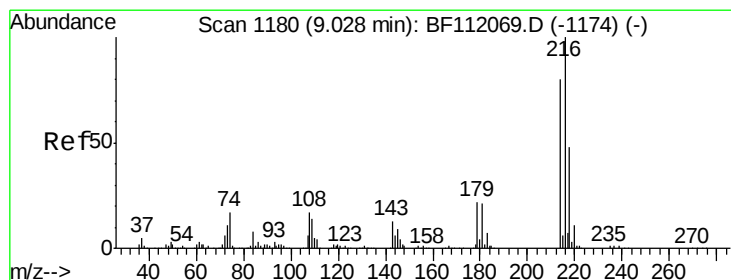
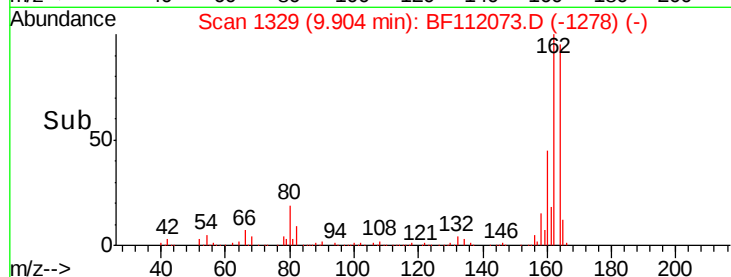
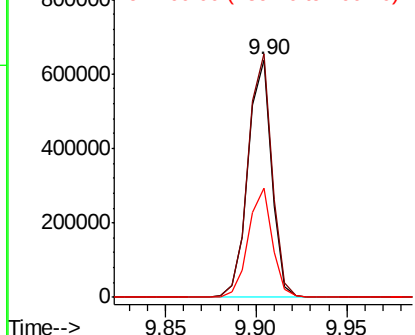
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Instrument :
BNA_F
ClientSampleId :
ICVBF011619

Tot Ion:164 Resp: 576673
Ion Ratio Lower Upper
164 100
162 102.5 82.2 123.4
160 45.7 36.2 54.4

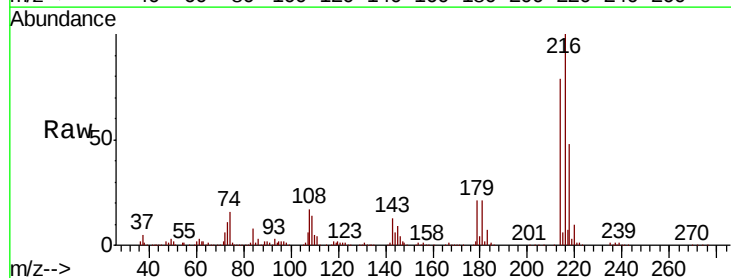


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

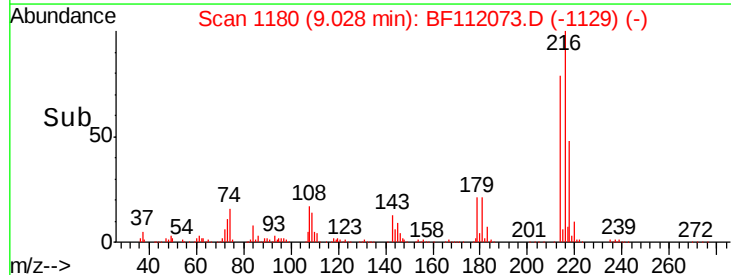
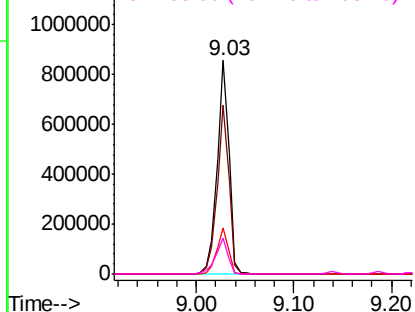


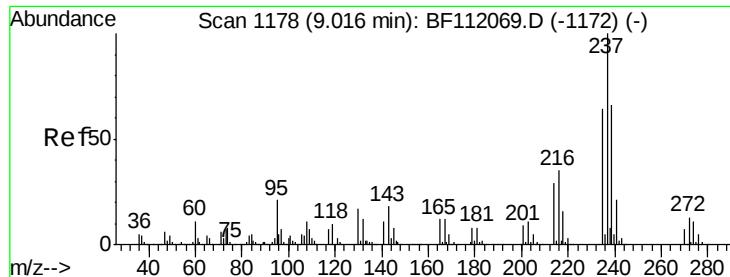
#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.840 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Tgt Ion:216 Resp: 719235
Ion Ratio Lower Upper
216 100
214 78.6 63.8 95.6
179 20.9 16.9 25.3
108 17.4 14.2 21.4



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.995 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

Instrument :

BNA_F

ClientSampleId :

ICVBF011619

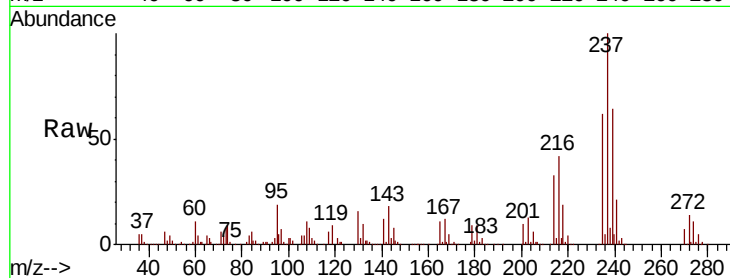
Tot Ion:237 Resp: 255463

Ion Ratio Lower Upper

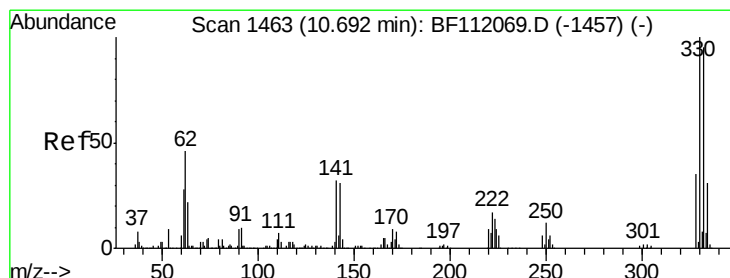
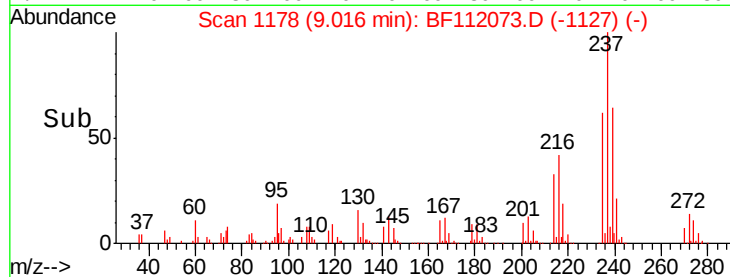
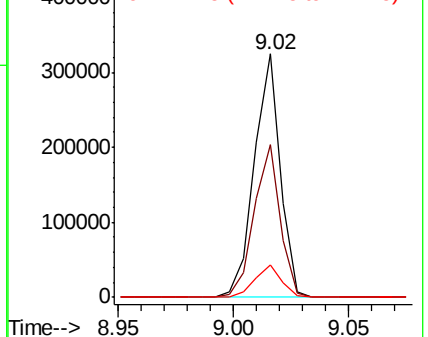
237 100

235 62.5 44.0 84.0

272 13.6 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 85.226 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

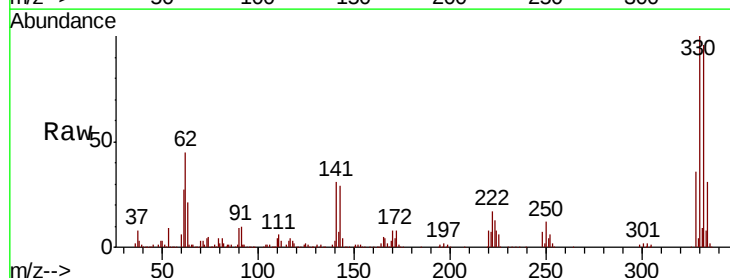
Tgt Ion:330 Resp: 530194

Ion Ratio Lower Upper

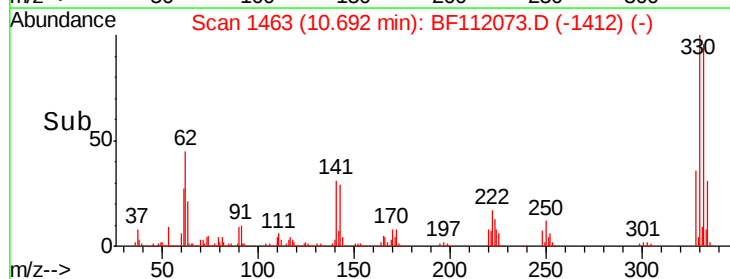
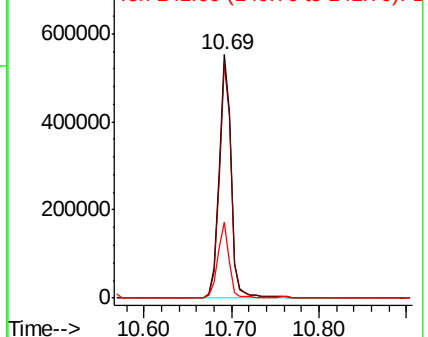
330 100

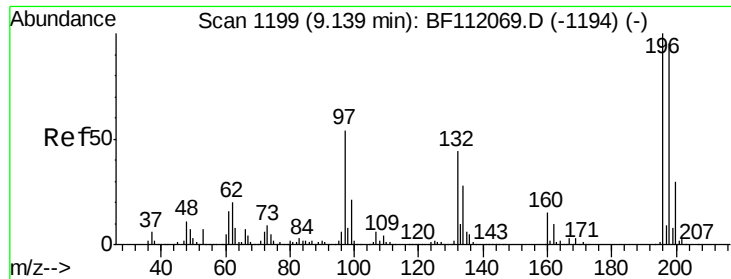
332 96.8 76.6 114.8

141 29.6 24.3 36.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

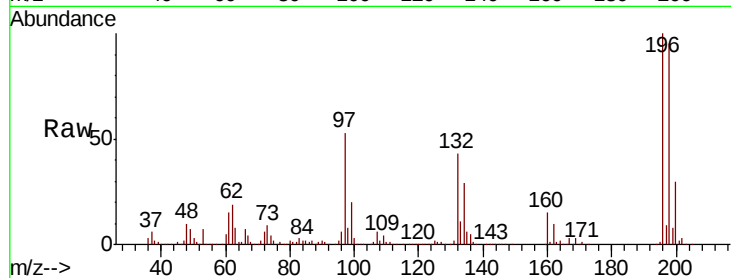




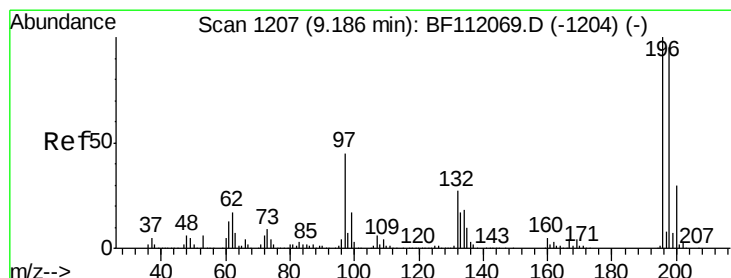
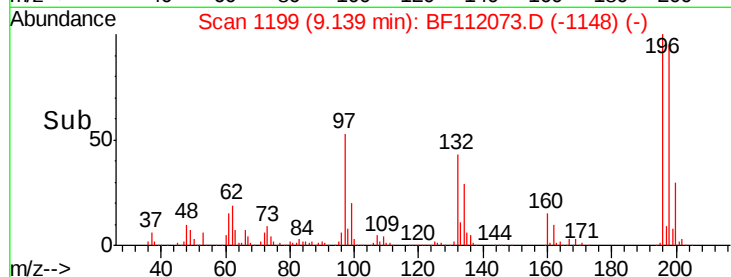
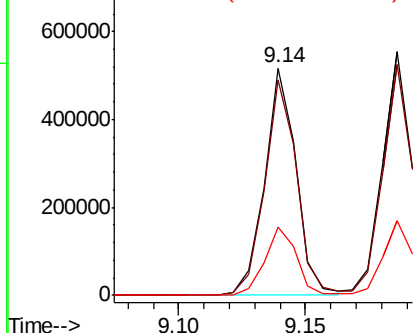
#43
 2,4,6-Trichlorophenol
 Concen: 40.706 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF112073.D
 Acq: 16 Jan 2019 18:29

Instrument :
 BNA_F
 ClientSampleId :
 ICBF011619

Tot Ion:196 Resp: 450933
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.2 114.4
 200 30.1 24.3 36.5

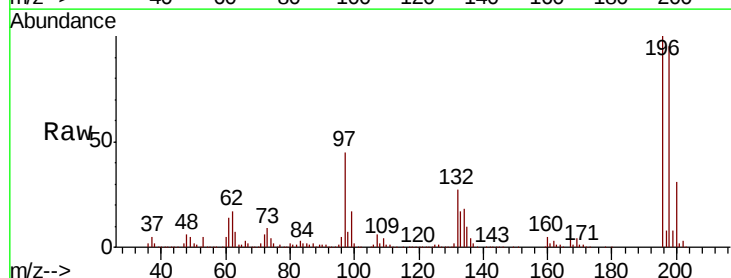


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

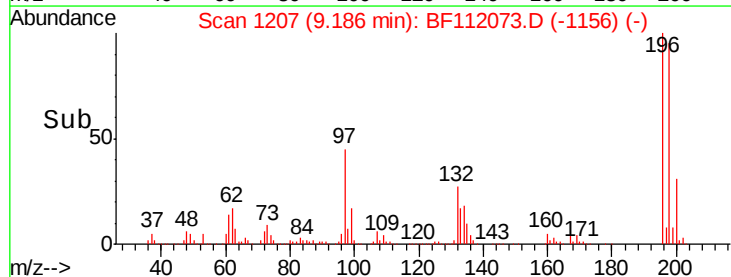
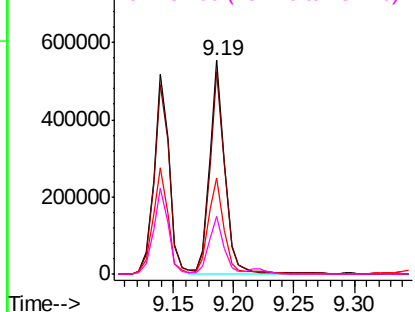


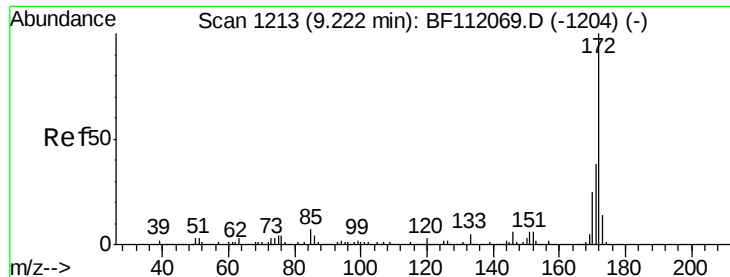
#44
 2,4,5-Trichlorophenol
 Concen: 40.311 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF112073.D
 Acq: 16 Jan 2019 18:29

Tgt Ion:196 Resp: 475600
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.0 114.0
 97 45.1 36.4 54.6
 132 27.2 21.5 32.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

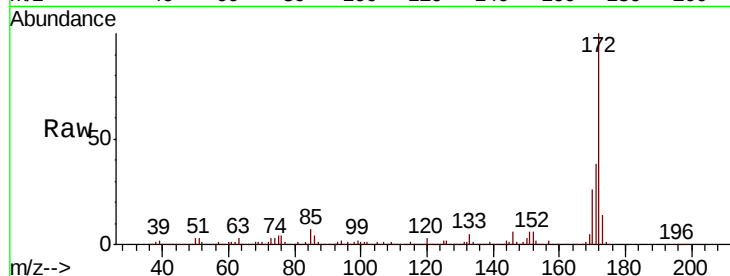




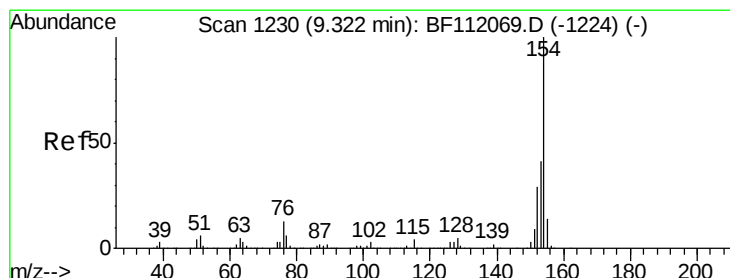
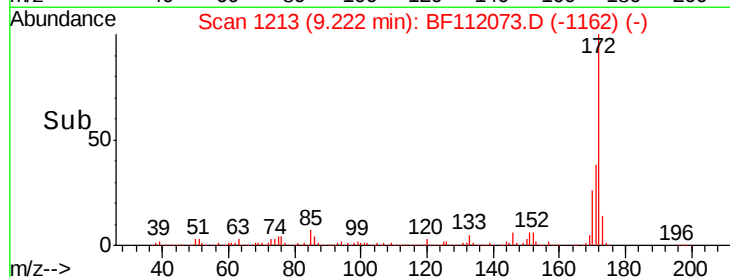
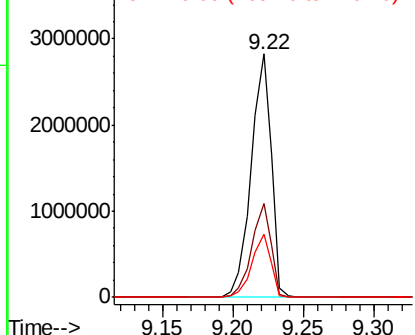
#45
2-Fluorobiphenyl
Concen: 72.127 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Instrument :
BNA_F
ClientSampleId :
ICVBF011619

Tot Ion:172 Resp: 2837000
Ion Ratio Lower Upper
172 100
171 38.4 30.5 45.7
170 25.8 20.2 30.4

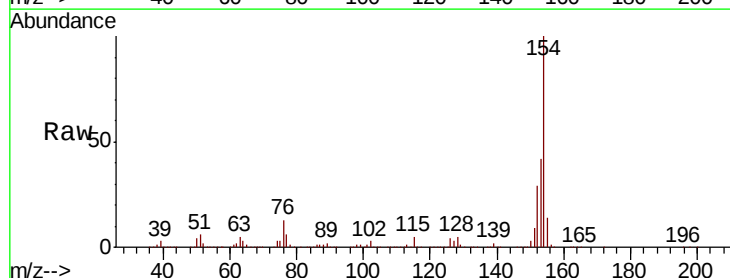


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

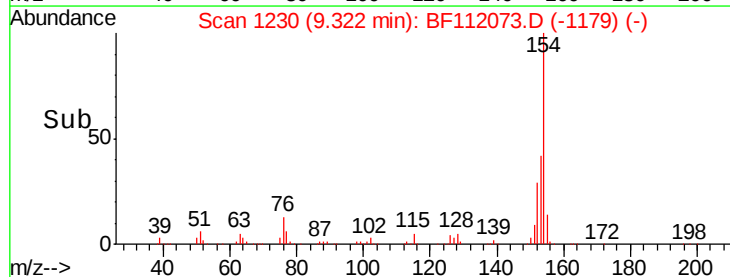
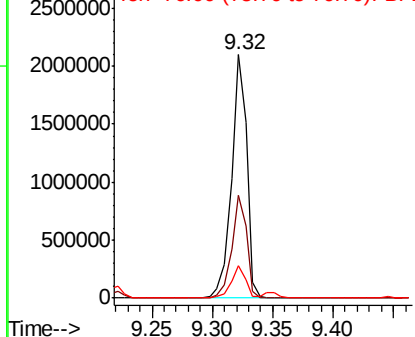


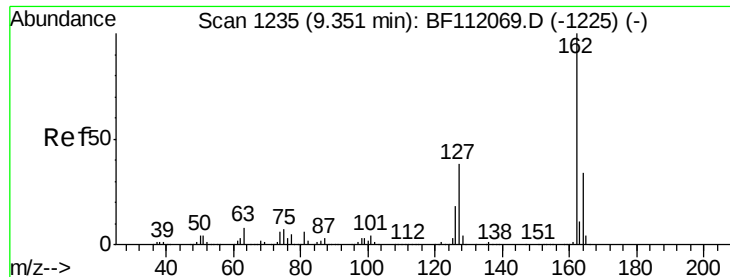
#46
1,1'-Biphenyl
Concen: 38.084 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Tgt Ion:154 Resp: 1836411
Ion Ratio Lower Upper
154 100
153 42.0 21.5 61.5
76 13.1 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

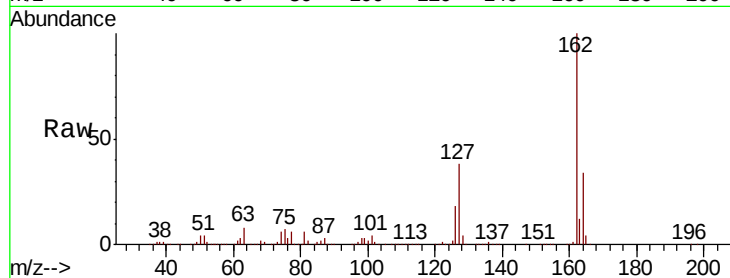




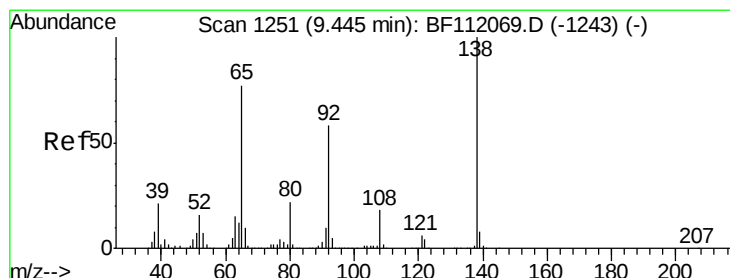
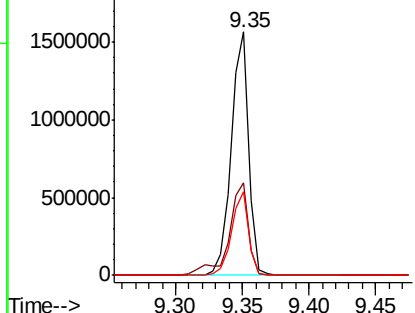
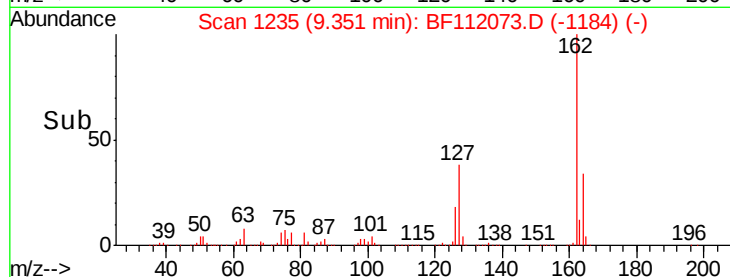
#47
2-Chloronaphthalene
Concen: 38.345 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Instrument :
BNA_F
ClientSampleId :
ICVBF011619

Tot Ion:162 Resp: 1447333
Ion Ratio Lower Upper
162 100
127 38.1 30.4 45.6
164 34.2 27.4 41.2

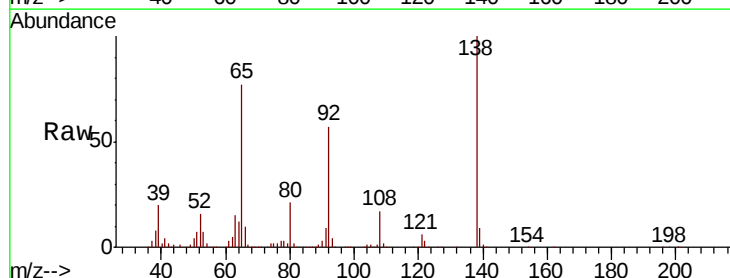


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

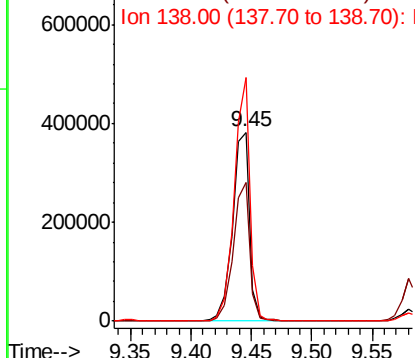
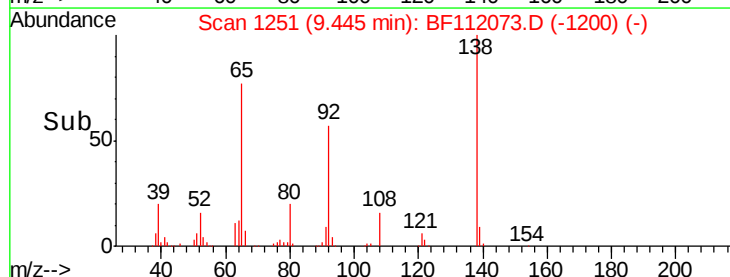


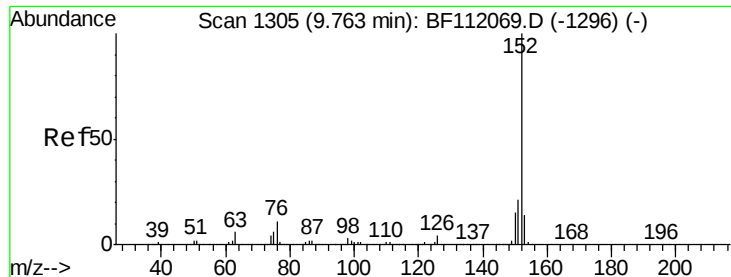
#48
2-Nitroaniline
Concen: 44.318 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Tgt Ion: 65 Resp: 376779
Ion Ratio Lower Upper
65 100
92 73.3 60.4 90.6
138 129.1 104.4 156.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.055 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

Instrument :

BNA_F

ClientSampleId :

ICVBF011619

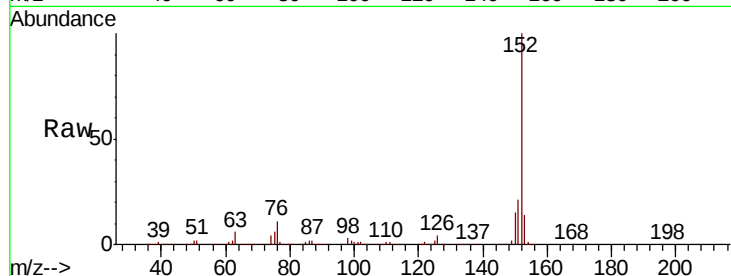
Tot Ion:152 Resp: 2096086

Ion Ratio Lower Upper

152 100

151 21.3 17.0 25.6

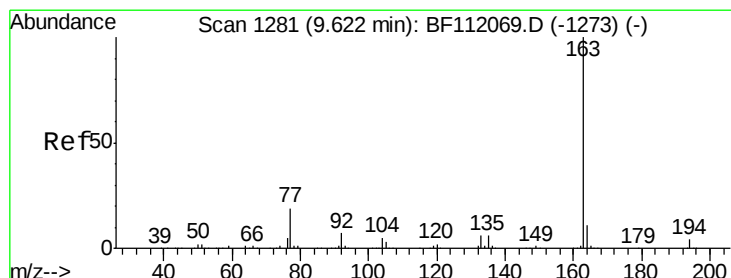
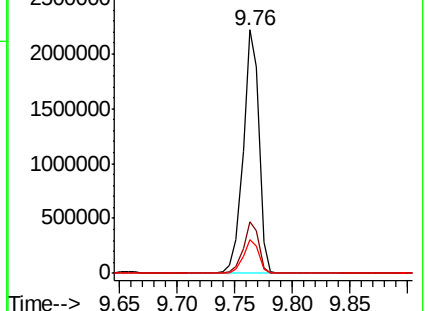
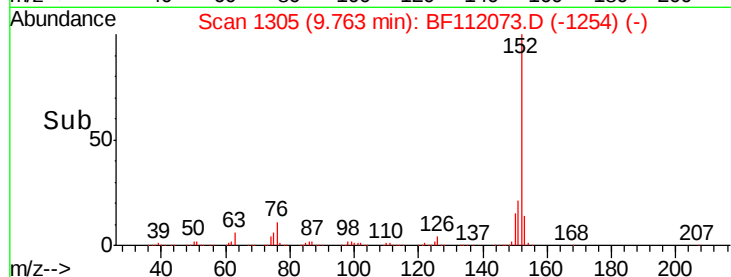
153 14.1 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.199 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

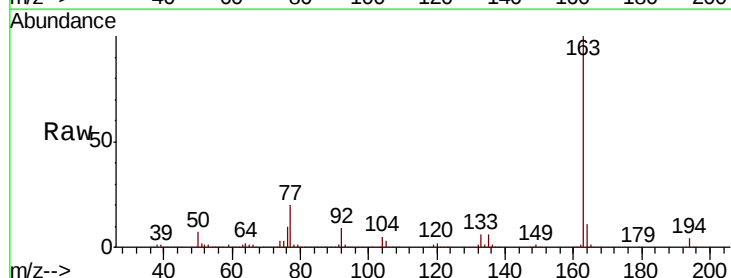
Tgt Ion:163 Resp: 1606481

Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

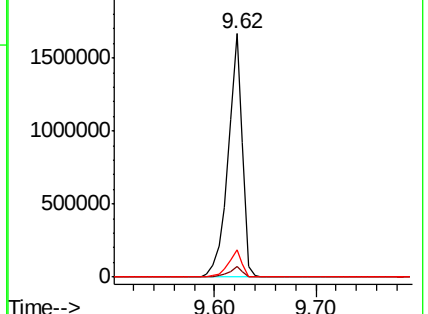
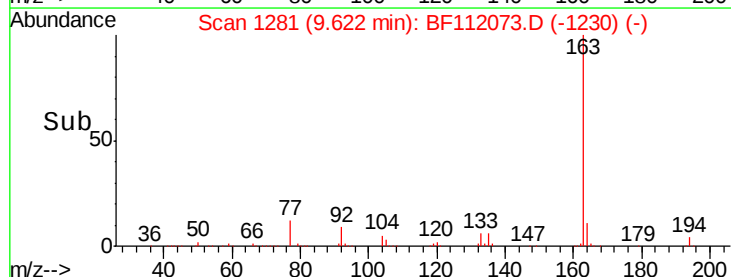
164 11.0 8.5 12.7

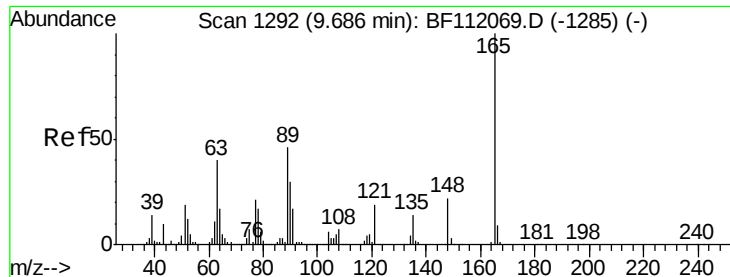


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

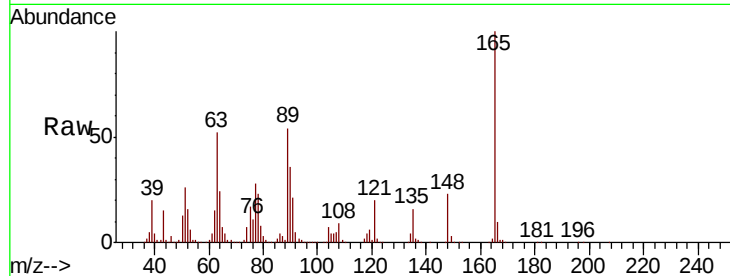




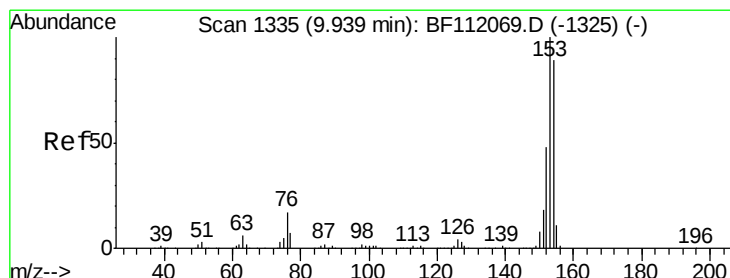
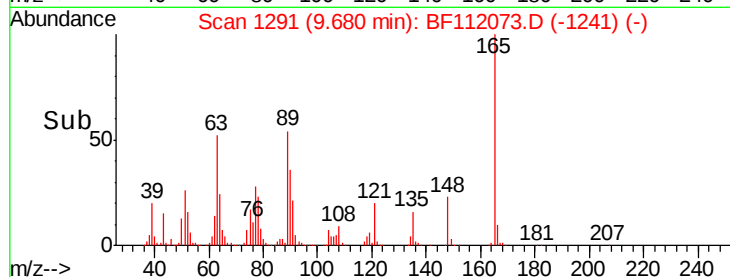
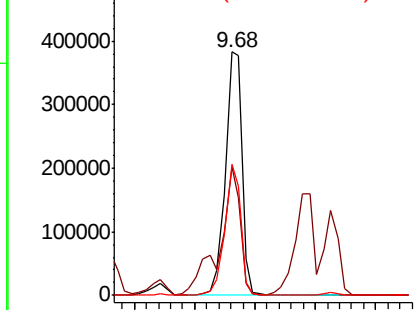
#51
 2,6-Dinitrotoluene
 Concen: 43.423 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF112073.D
 Acq: 16 Jan 2019 18:29

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011619

Tot Ion:165 Resp: 364701
 Ion Ratio Lower Upper
 165 100
 63 52.5 33.8 50.8#
 89 53.7 36.9 55.3

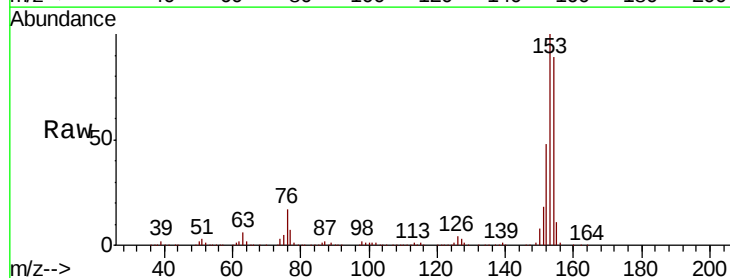


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

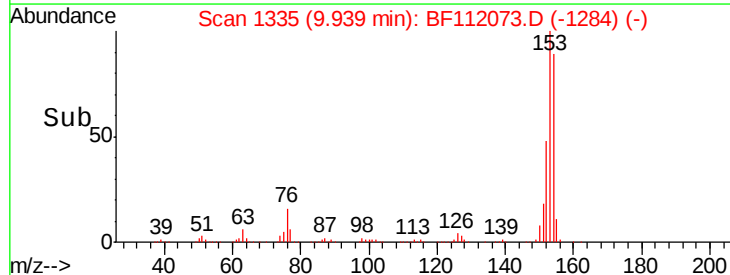
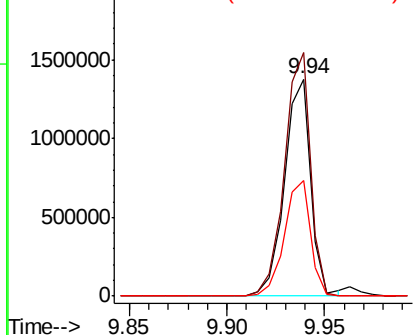


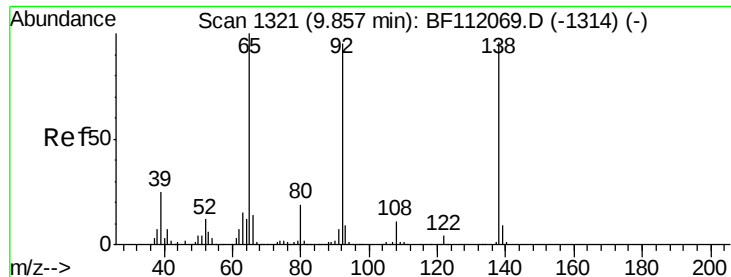
#52
 Acenaphthene
 Concen: 38.204 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF112073.D
 Acq: 16 Jan 2019 18:29

Tgt Ion:154 Resp: 1287479
 Ion Ratio Lower Upper
 154 100
 153 112.1 89.8 134.6
 152 53.5 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

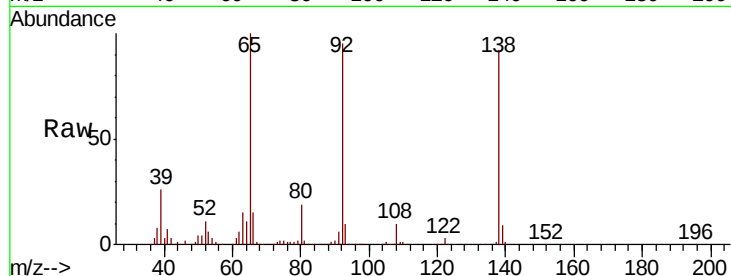




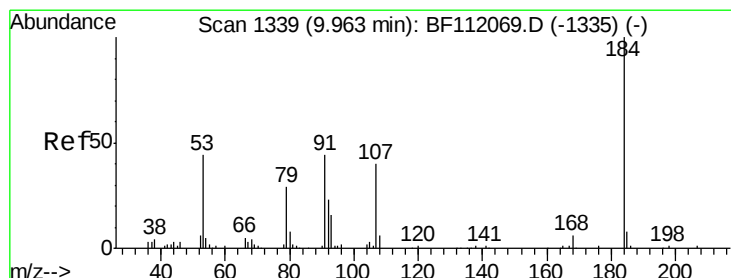
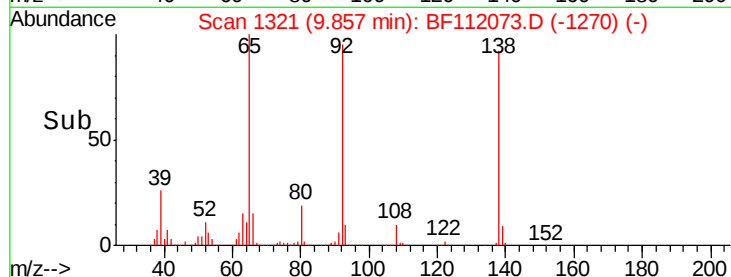
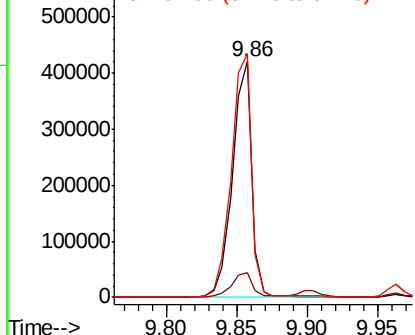
#53
 3-Nitroaniline
 Concen: 42.587 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF112073.D
 Acq: 16 Jan 2019 18:29

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011619

Tot Ion:138 Resp: 399973
 Ion Ratio Lower Upper
 138 100
 108 10.7 9.8 14.6
 92 103.3 79.4 119.2

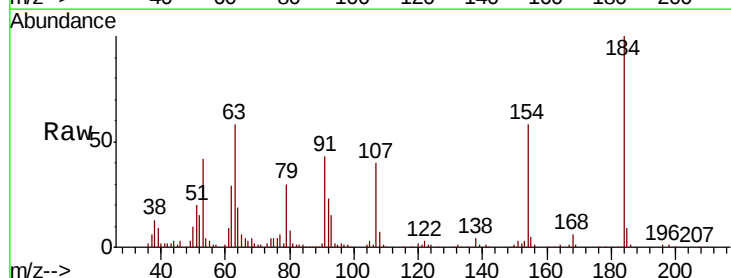


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

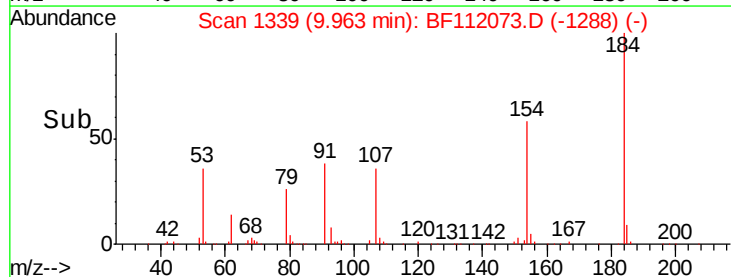
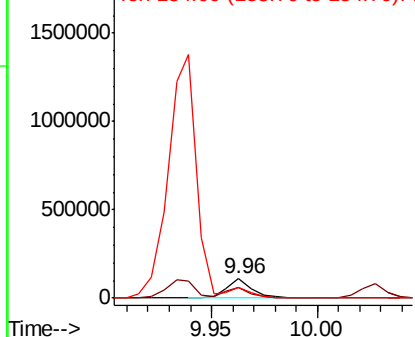


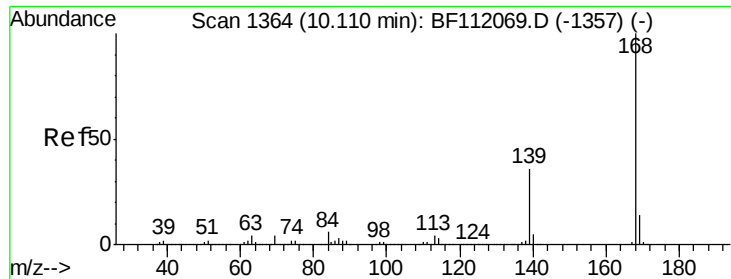
#54
 2,4-Dinitrophenol
 Concen: 46.162 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF112073.D
 Acq: 16 Jan 2019 18:29

Tgt Ion:184 Resp: 90716
 Ion Ratio Lower Upper
 184 100
 63 58.4 47.1 70.7
 154 58.1 48.9 73.3



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

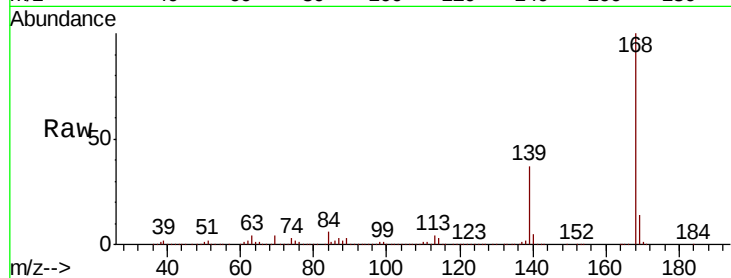




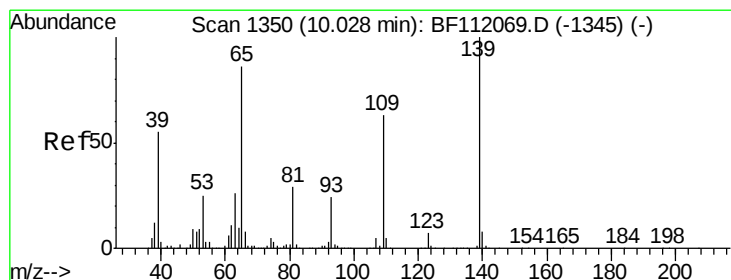
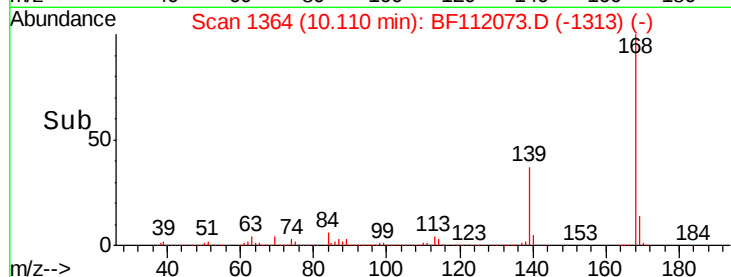
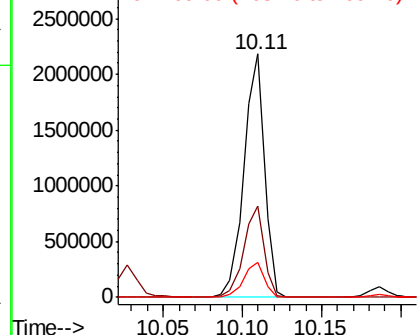
#55
Dibenzofuran
Concen: 38.494 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Instrument :
BNA_F
ClientSampleId :
ICVBF011619

Tot Ion:168 Resp: 1961838
Ion Ratio Lower Upper
168 100
139 37.5 29.2 43.8
169 14.1 11.4 17.0

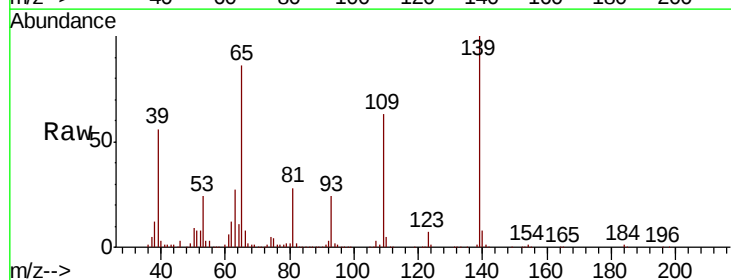


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

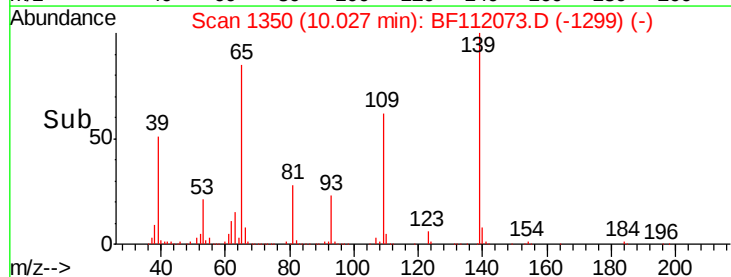
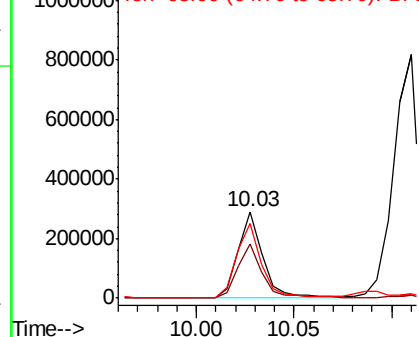


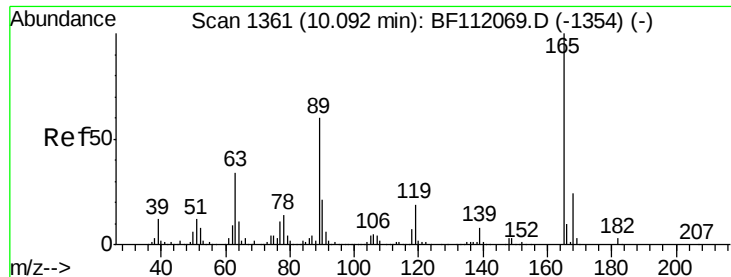
#56
4-Nitrophenol
Concen: 41.400 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Tgt Ion:139 Resp: 258193
Ion Ratio Lower Upper
139 100
109 62.5 42.8 82.8
65 86.0 66.1 106.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

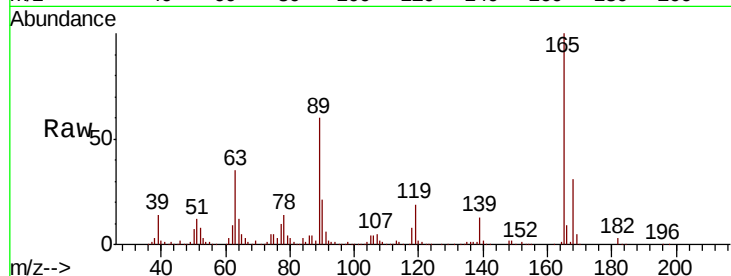




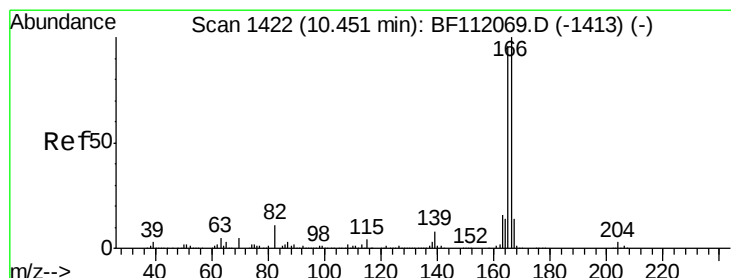
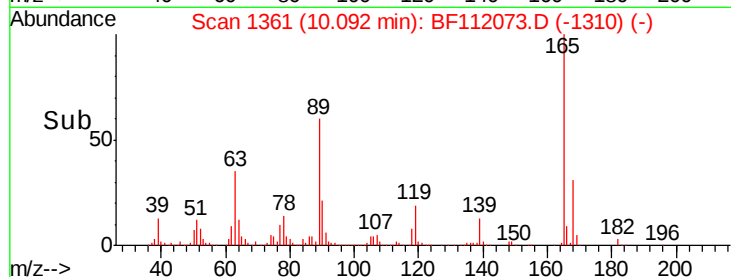
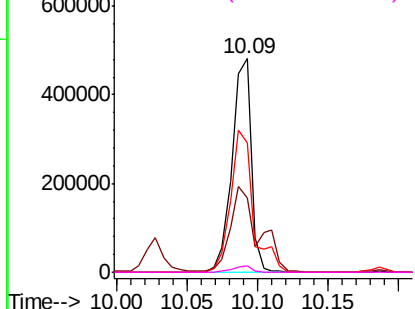
#57
 2,4-Dinitrotoluene
 Concen: 42.936 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF112073.D
 Acq: 16 Jan 2019 18:29

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011619

Tot Ion:165 Resp: 457146
 Ion Ratio Lower Upper
 165 100
 63 34.9 27.9 41.9
 89 60.3 47.9 71.9
 182 2.9 2.2 3.4

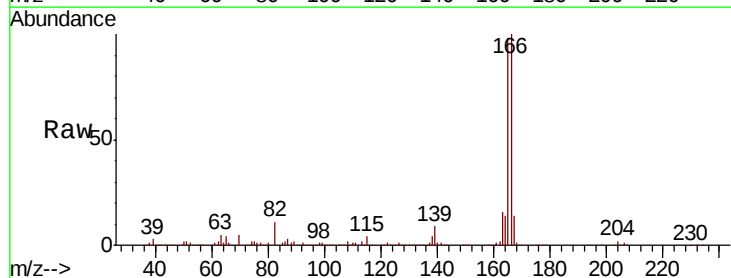


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

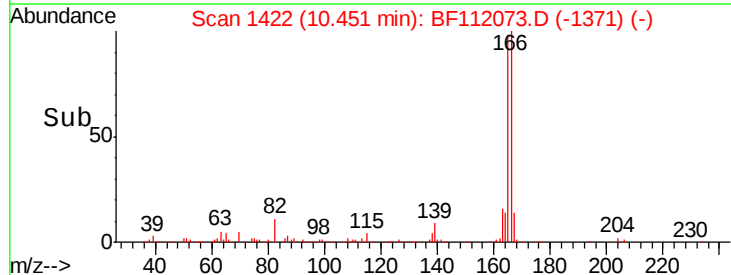
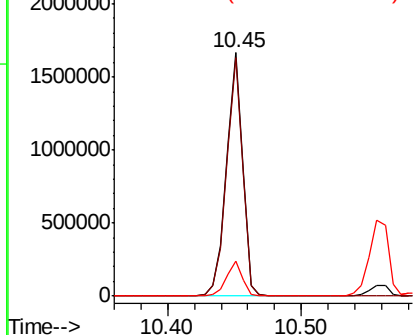


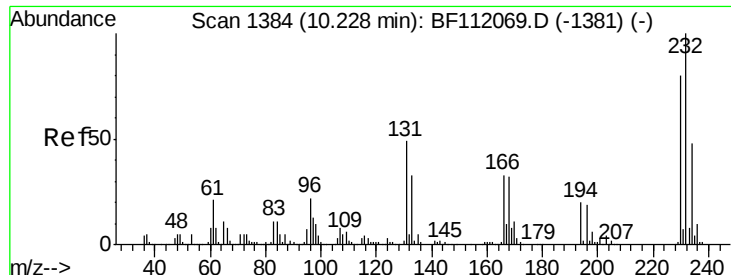
#58
 Fluorene
 Concen: 37.904 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF112073.D
 Acq: 16 Jan 2019 18:29

Tgt Ion:166 Resp: 1443294
 Ion Ratio Lower Upper
 166 100
 165 97.8 77.1 115.7
 167 14.2 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

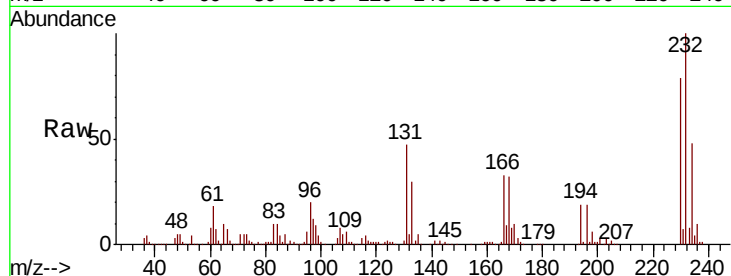




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.027 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BF112073.D
 Acq: 16 Jan 2019 18:29

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011619

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.9	33.9	50.9
130	2.3	1.8	2.6
166	30.1	23.6	35.4



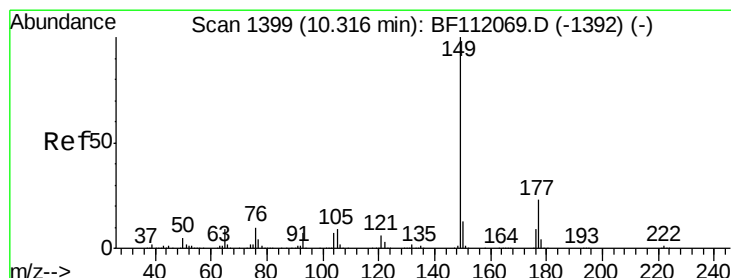
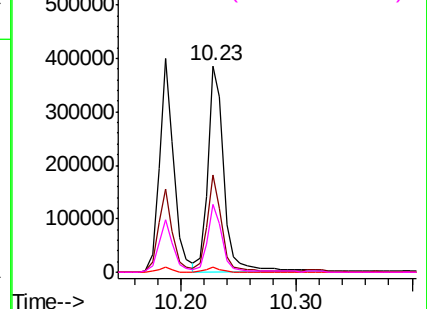
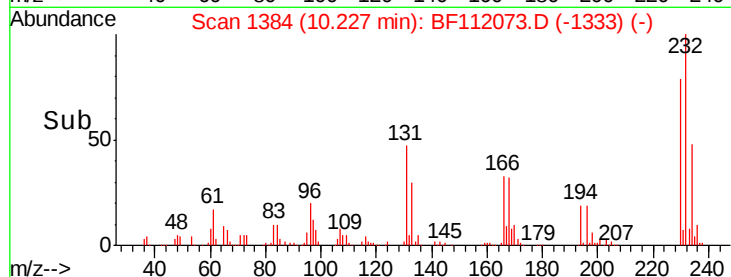
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

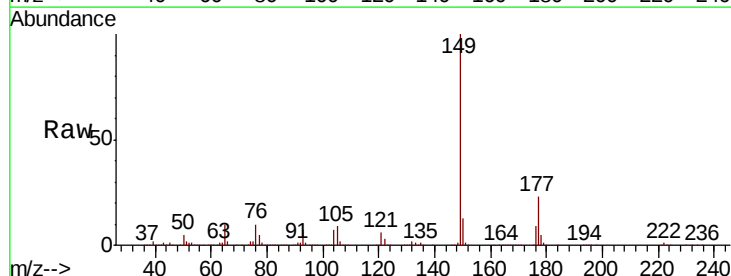
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.260 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF112073.D
 Acq: 16 Jan 2019 18:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.2	27.2
150	13.3	10.4	15.6

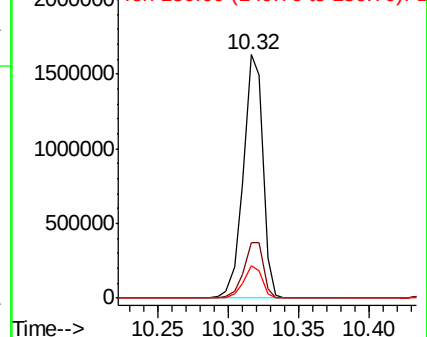
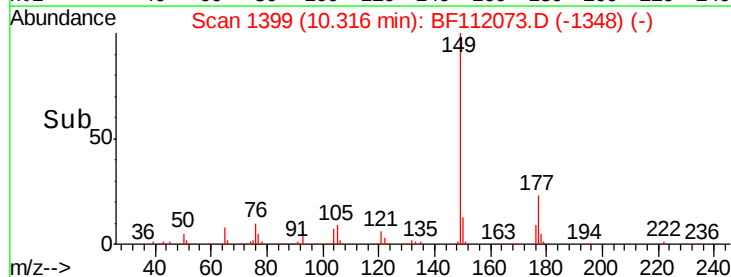


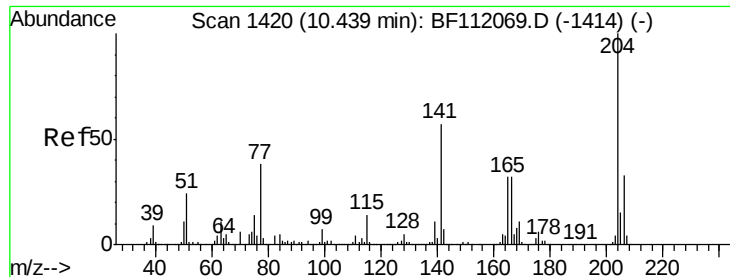
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

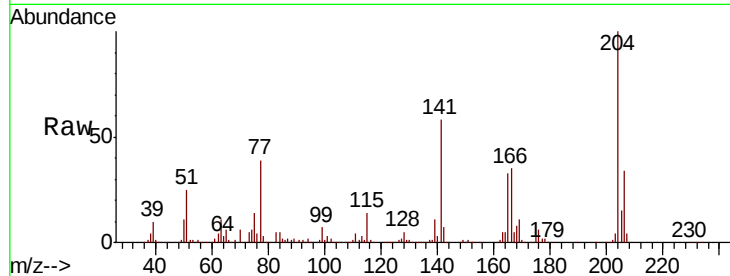




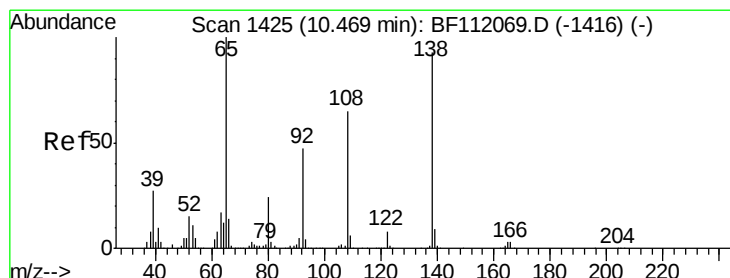
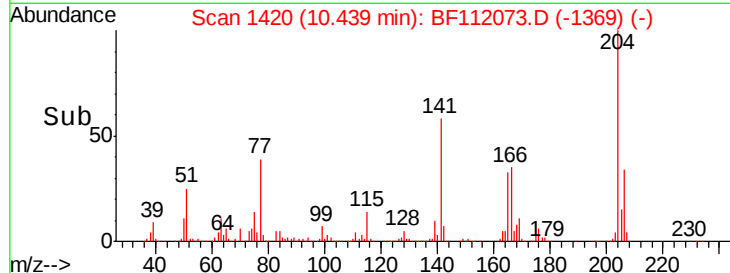
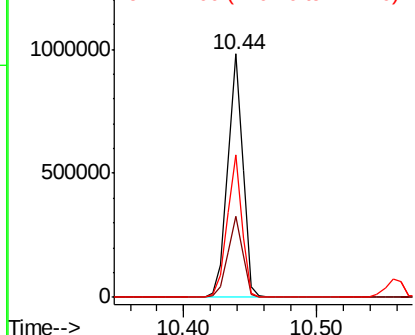
#61
4-Chlorophenyl-phenylether
Concen: 38.669 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Instrument :
BNA_F
ClientSampleId :
ICVBF011619

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	58.3	45.9	68.9

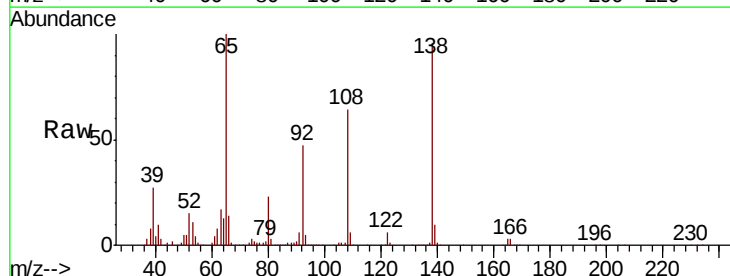


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

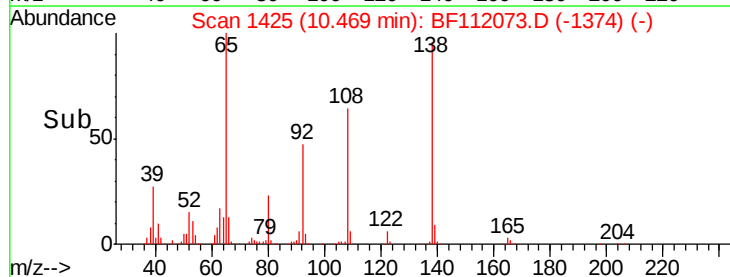
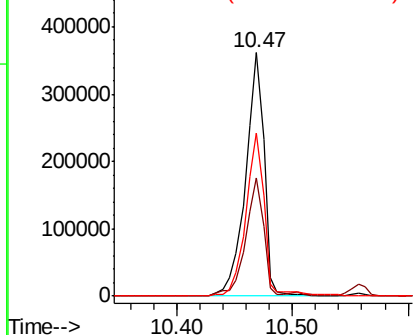


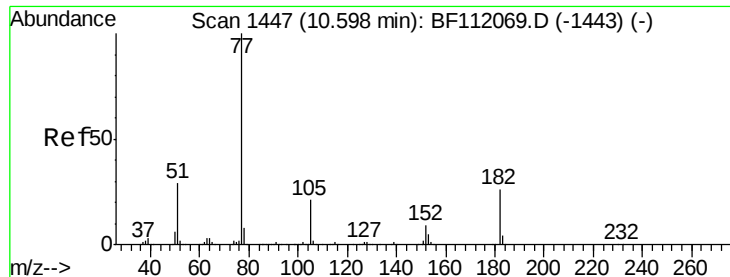
#62
4-Nitroaniline
Concen: 43.226 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	30.6	70.6
108	66.8	50.0	90.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 38.361 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

Instrument :

BNA_F

ClientSampleId :

ICVBF011619

Tot Ion: 77 Resp: 1508091

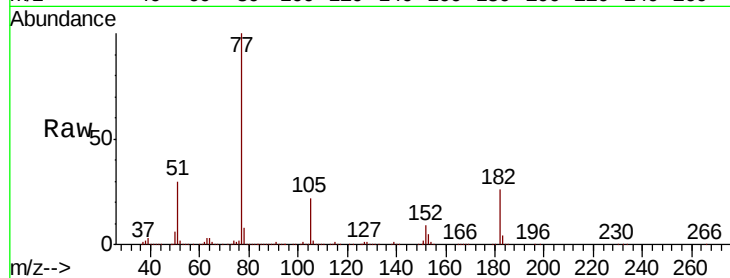
Ion Ratio Lower Upper

77 100

182 25.7 5.7 45.7

105 21.9 1.4 41.4

51 29.7 9.5 49.5

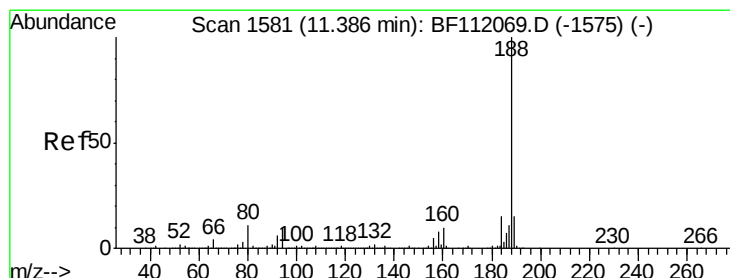
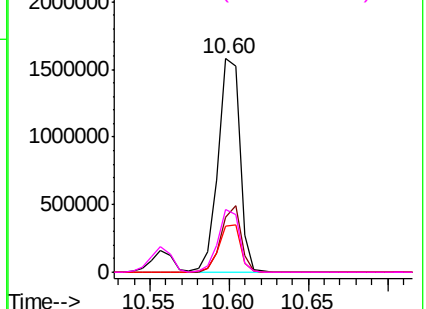
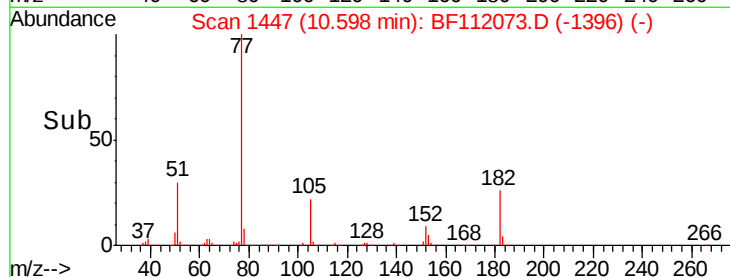


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

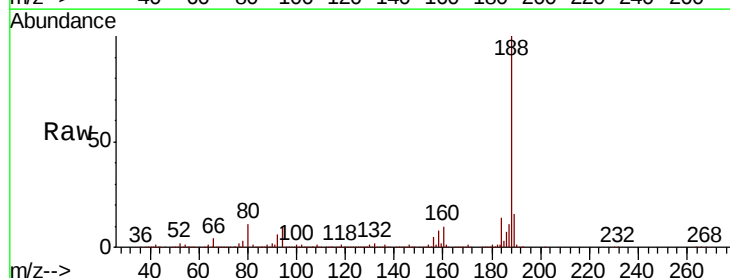
Tgt Ion: 188 Resp: 1112356

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

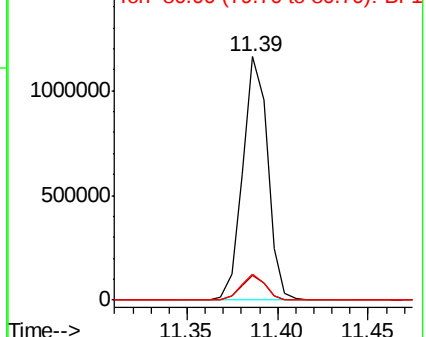
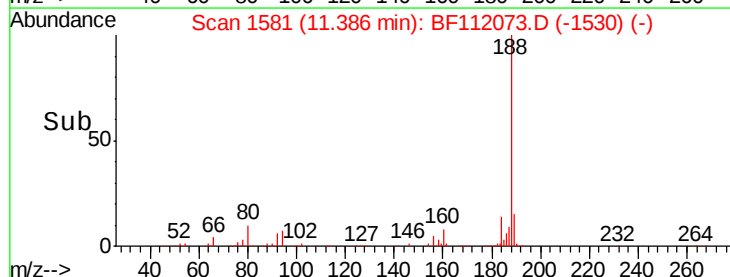
80 10.9 8.9 13.3

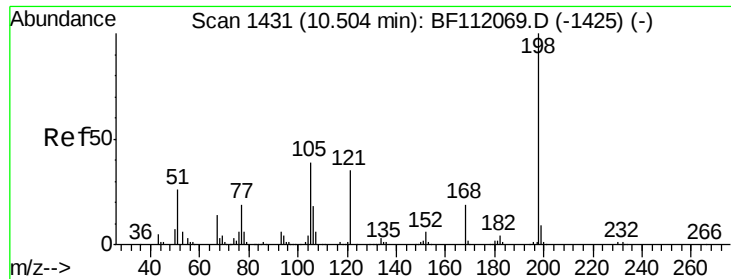


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

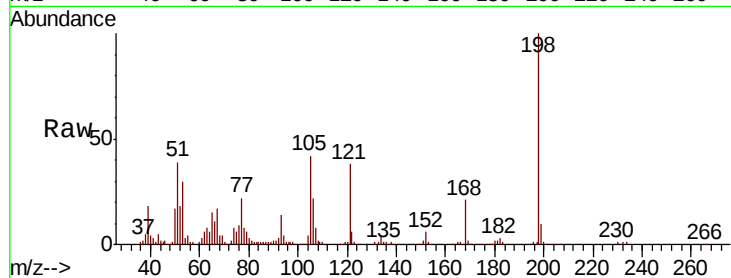




#65
4,6-Dinitro-2-methylphenol
Concen: 43.085 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Instrument :
BNA_F
ClientSampleId :
ICVBF011619

Tot Ion	Ratio	Lower	Upper
198	100		
51	39.4	17.2	57.2
105	42.3	21.9	61.9

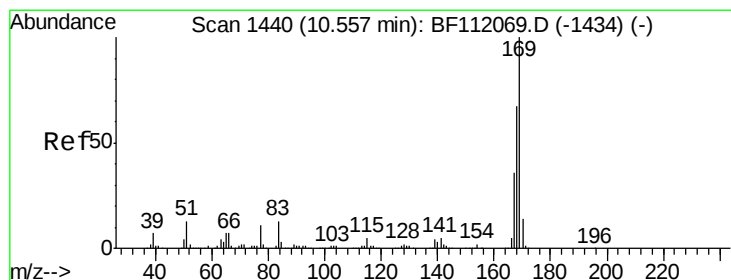
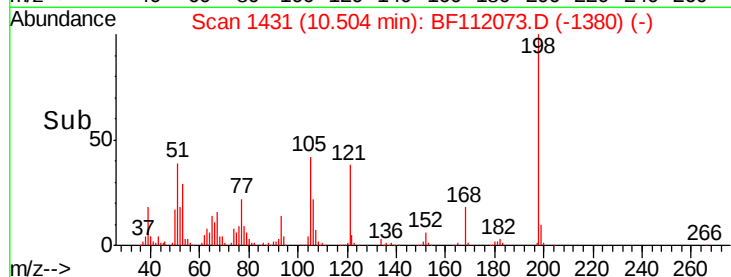
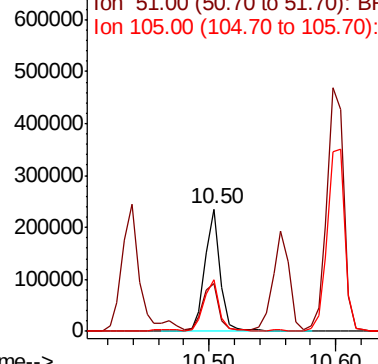


Abundance

Ion 198.00 (197.70 to 198.70): E

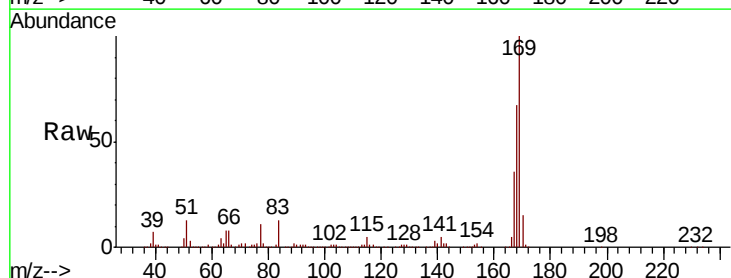
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 38.538 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.9	80.9
167	36.0	28.9	43.3

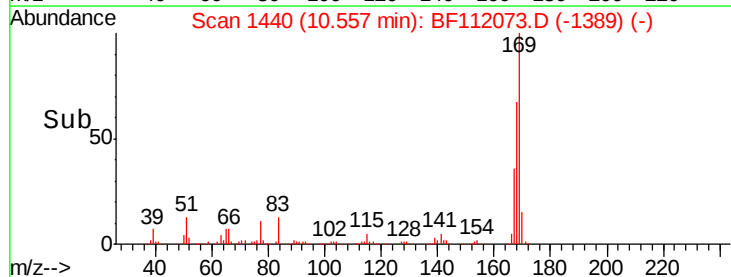
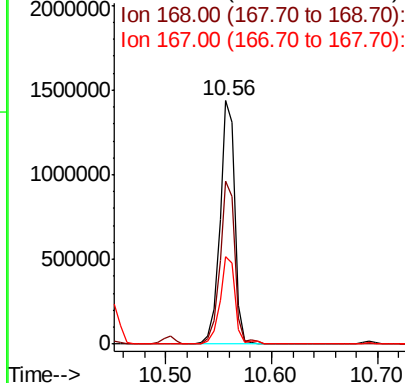


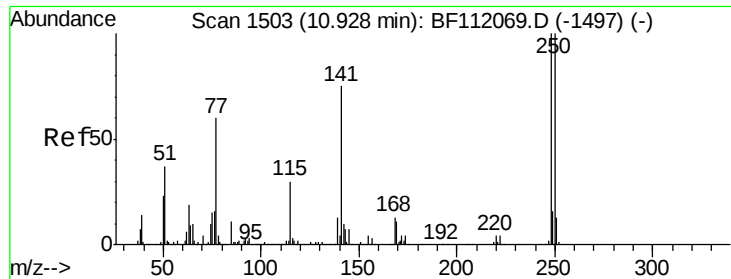
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

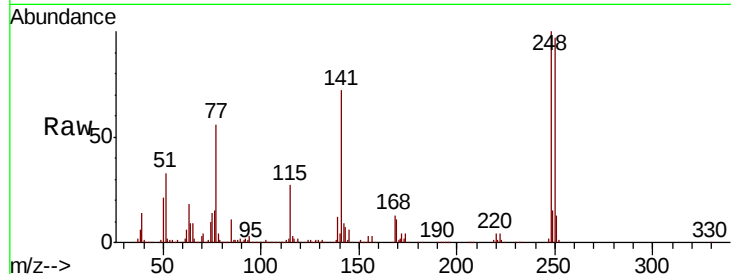




#67
4-Bromophenyl-phenylether
Concen: 39.417 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Instrument :
BNA_F
ClientSampleId :
ICVBF011619

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	79.7	119.5
141	72.4	60.3	90.5

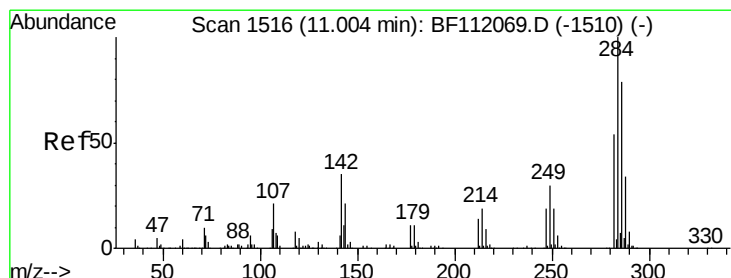
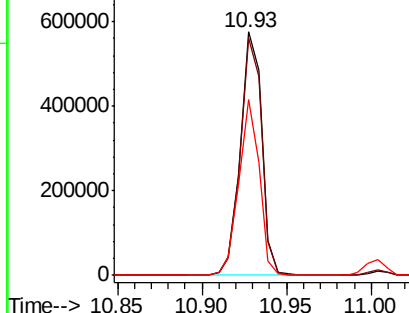
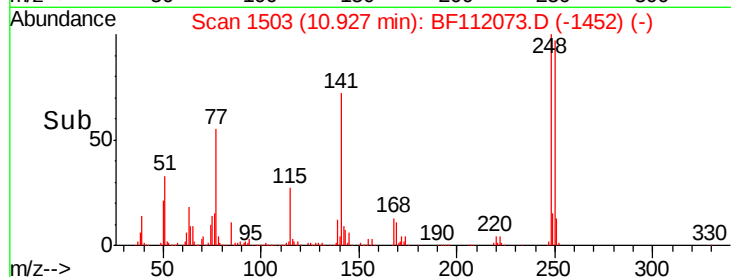


Abundance

Ion 248.00 (247.70 to 248.70): E

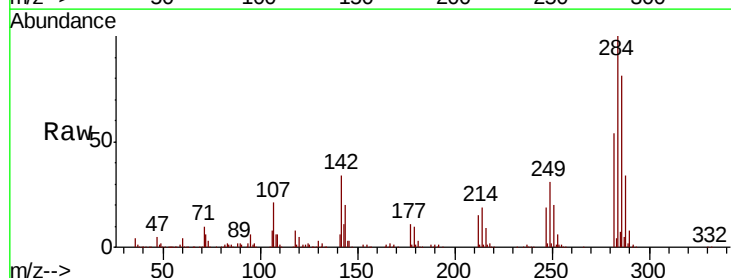
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.541 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.7	27.6	41.4
249	31.3	24.1	36.1

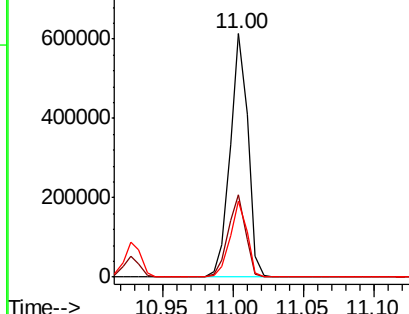
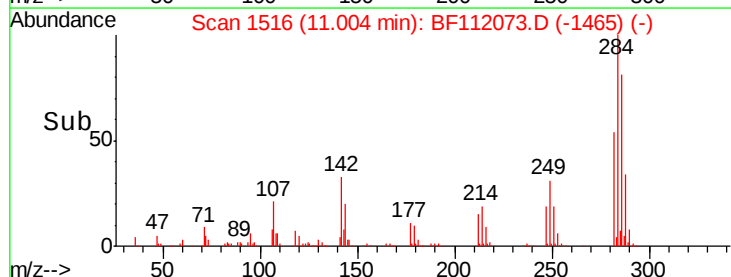


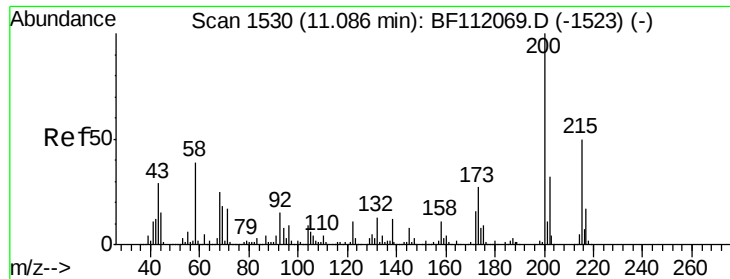
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.568 ng

RT: 11.09 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

Instrument :

BNA_F

ClientSampleId :

ICVBF011619

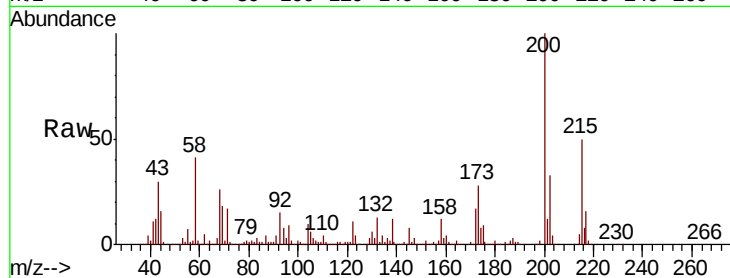
Tot Ion:200 Resp: 457666

Ion Ratio Lower Upper

200 100

173 28.4 7.1 47.1

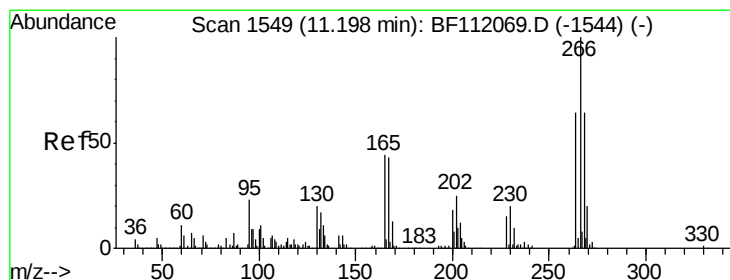
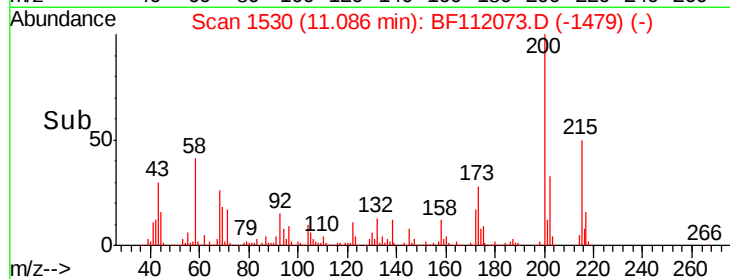
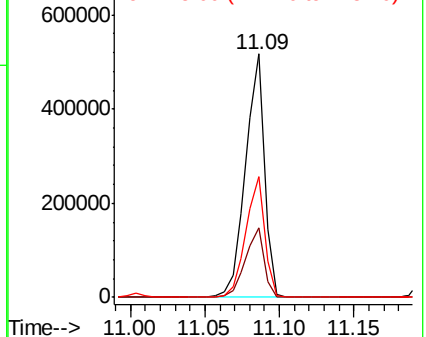
215 49.8 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 40.085 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

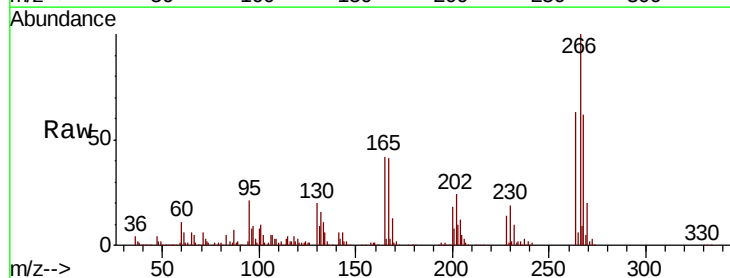
Tgt Ion:266 Resp: 246177

Ion Ratio Lower Upper

266 100

268 62.1 51.2 76.8

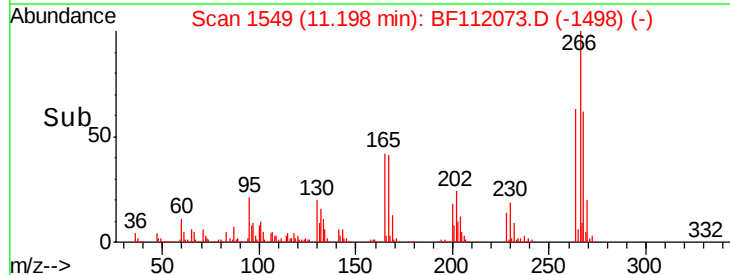
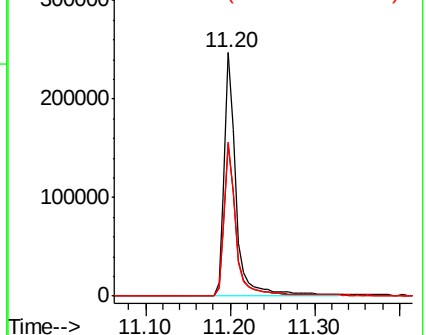
264 63.1 50.9 76.3

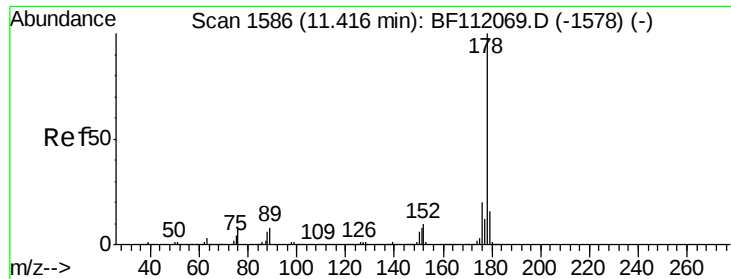


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.238 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

Instrument :

BNA_F

ClientSampleId :

ICVBF011619

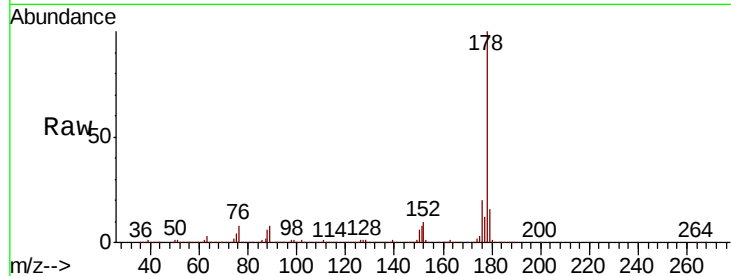
Tot Ion:178 Resp: 2140558

Ion Ratio Lower Upper

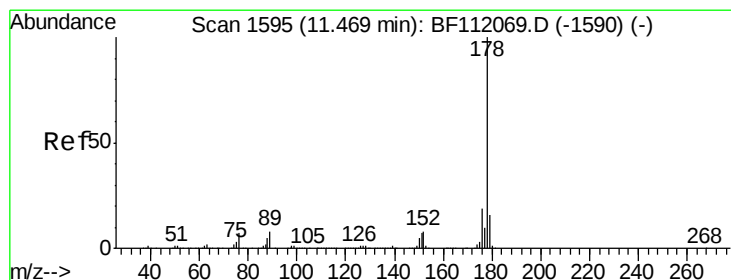
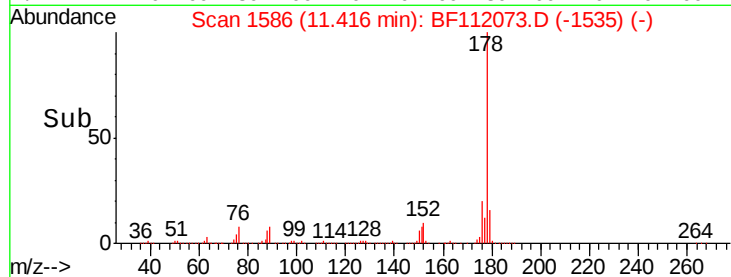
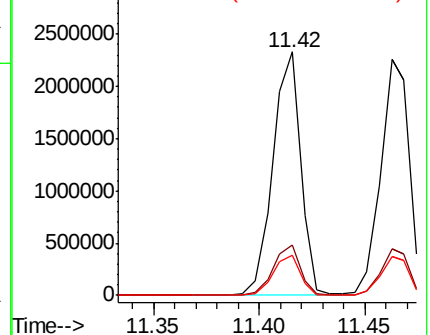
178 100

176 20.5 16.3 24.5

179 16.4 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.973 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

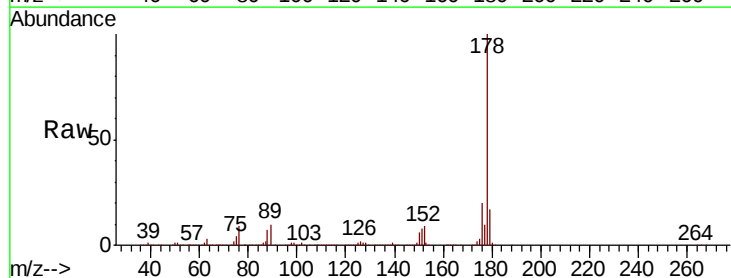
Tgt Ion:178 Resp: 2153354

Ion Ratio Lower Upper

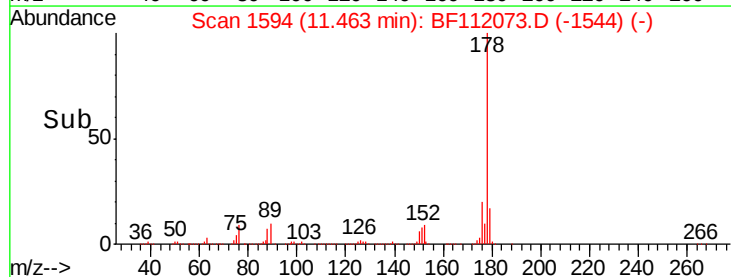
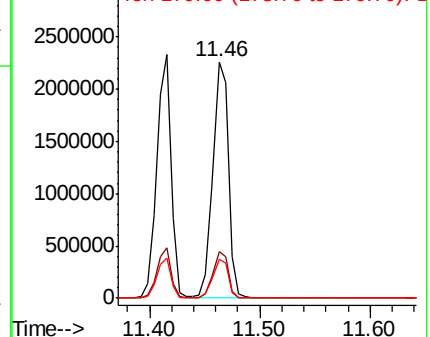
178 100

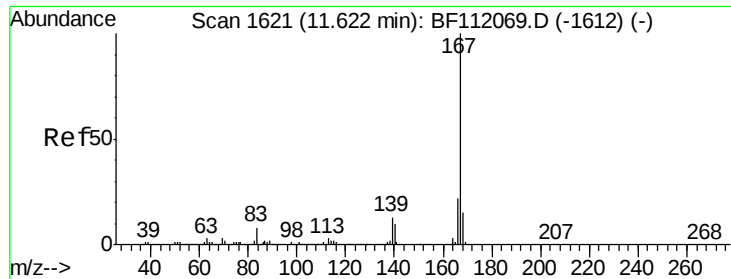
176 19.7 15.5 23.3

179 16.5 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.624 ng

RT: 11.62 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

Instrument :

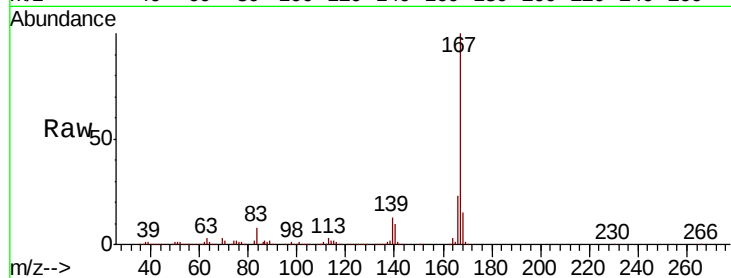
BNA_F

ClientSampleId :

ICVBF011619

Tot Ion:167 Resp: 2137293

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.9	26.9
139	13.0	10.2	15.2

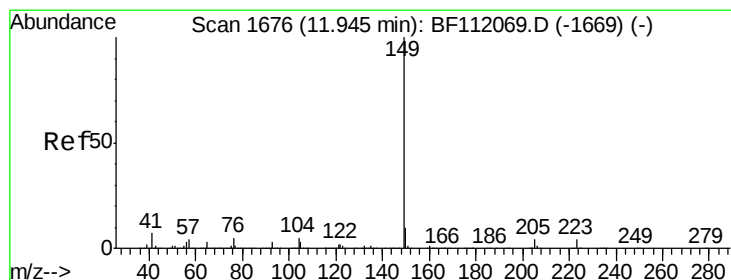
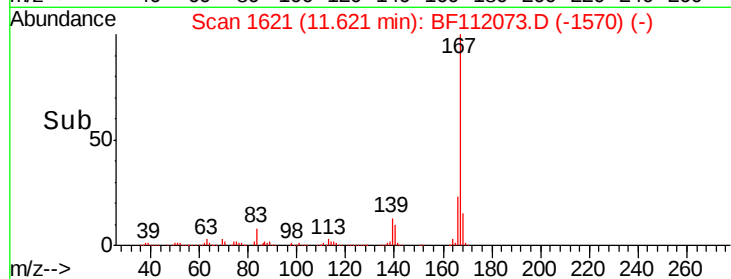
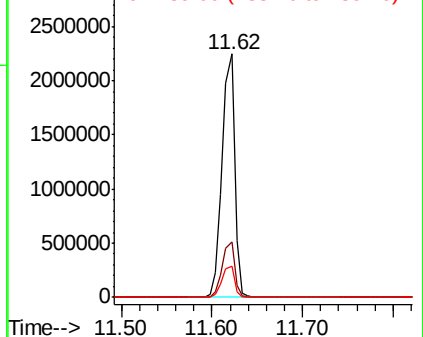


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 37.592 ng

RT: 11.95 min Scan# 1676

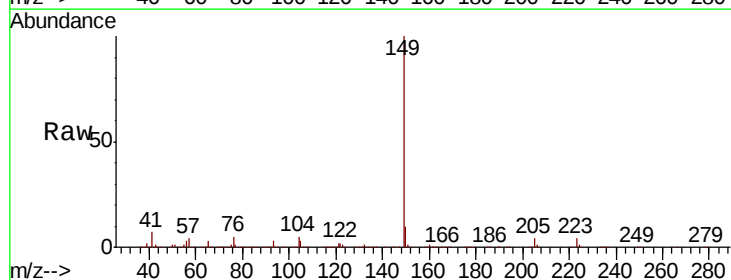
Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

Tgt Ion:149 Resp: 2402157

Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	4.9	3.9	5.9

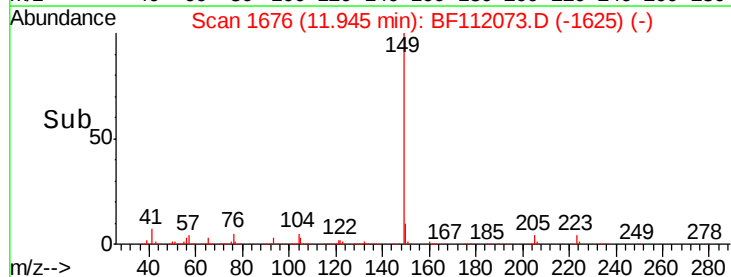
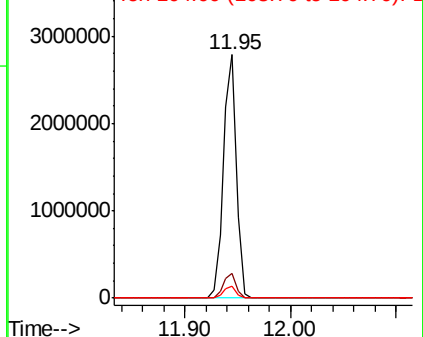


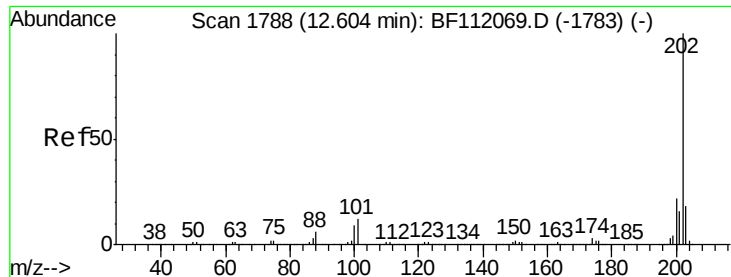
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



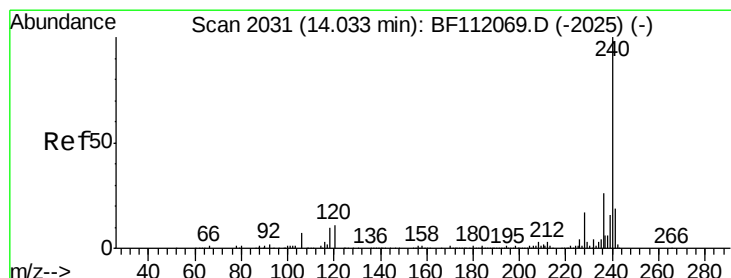
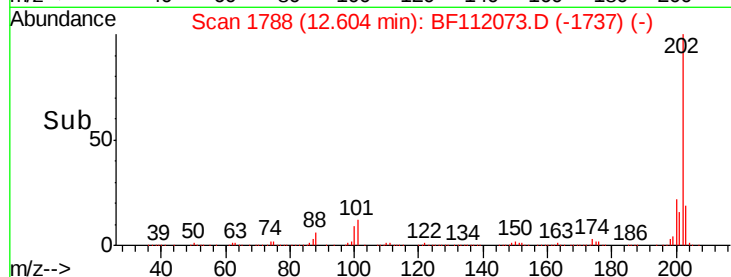
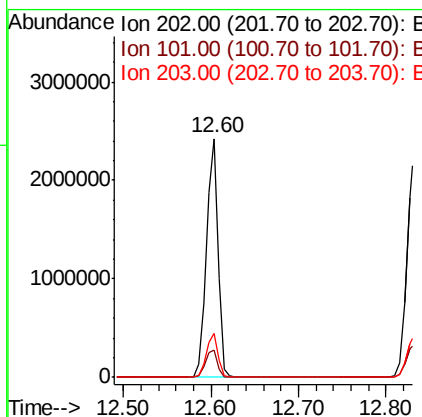
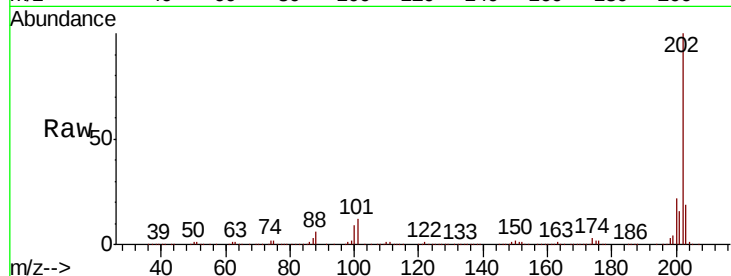


#75
 Fluoranthene
 Concen: 37.747 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BF112073.D
 Acq: 16 Jan 2019 18:29

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011619

Tot Ion:202 Resp: 2231086

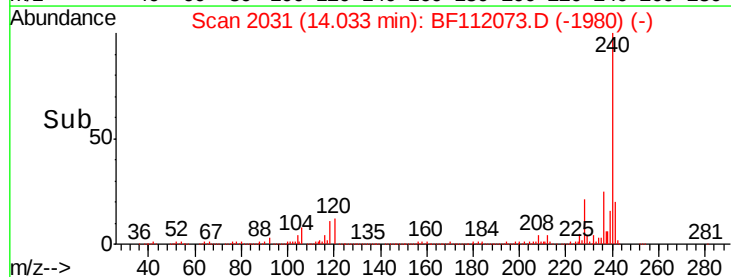
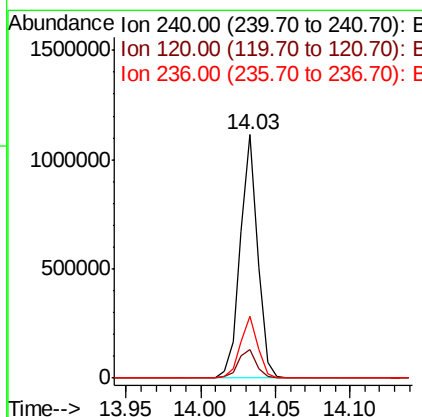
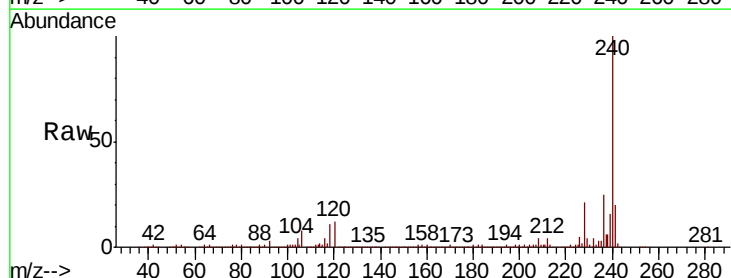
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.8
203	18.6	0.0	38.4

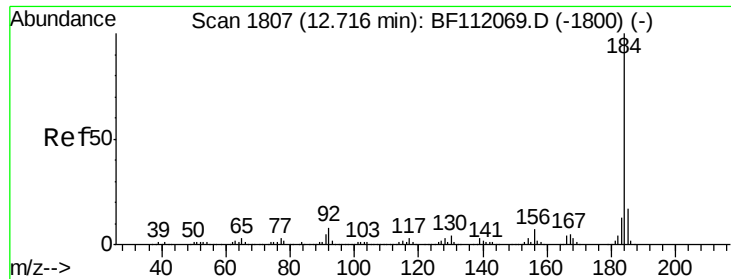


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF112073.D
 Acq: 16 Jan 2019 18:29

Tgt Ion:240 Resp: 911379

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.0	13.6
236	25.5	20.7	31.1





#77

Benzidine

Concen: 32.751 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

Instrument :

BNA_F

ClientSampleId :

ICVBF011619

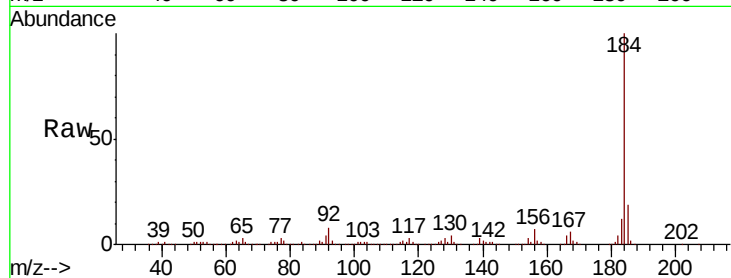
Tot Ion:184 Resp: 995894

Ion Ratio Lower Upper

184 100

185 18.6 13.9 20.9

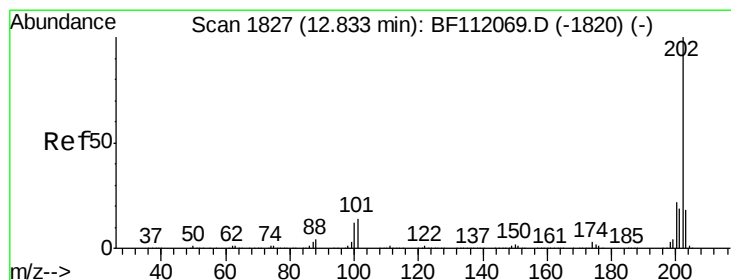
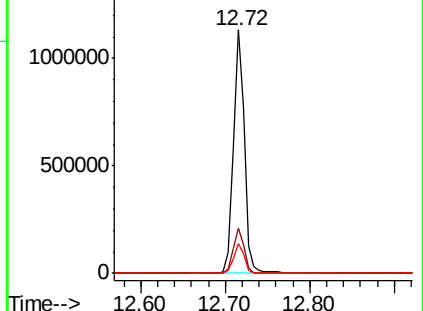
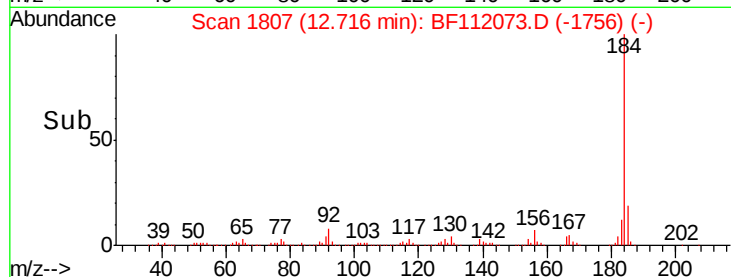
183 12.3 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.426 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

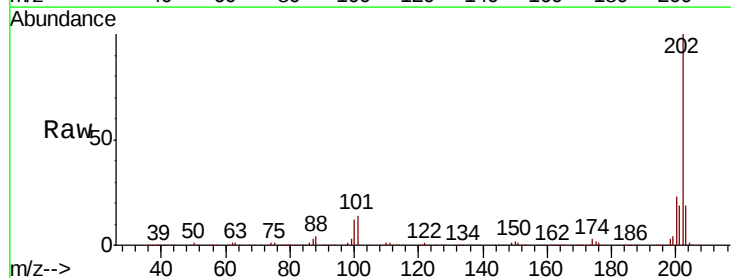
Tgt Ion:202 Resp: 2310511

Ion Ratio Lower Upper

202 100

200 22.6 17.7 26.5

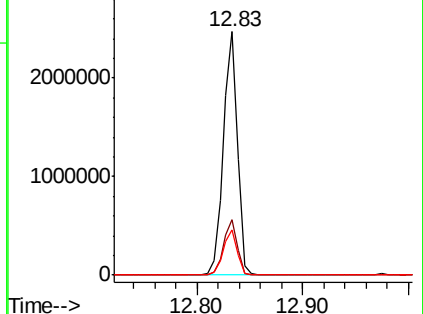
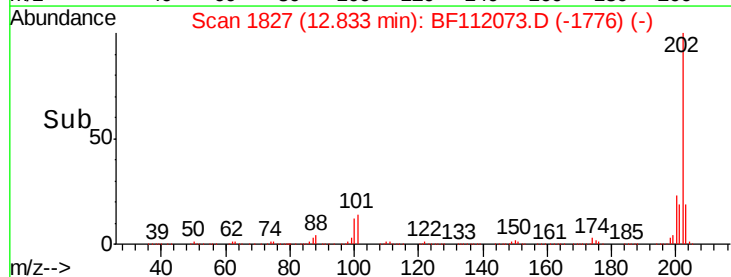
203 18.5 14.6 22.0

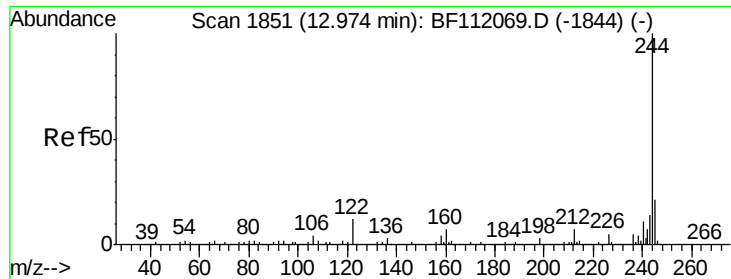


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.408 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

Instrument :

BNA_F

ClientSampleId :

ICVBF011619

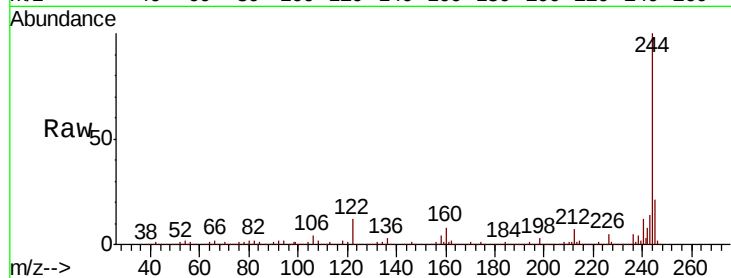
Tot Ion:244 Resp: 3144843

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

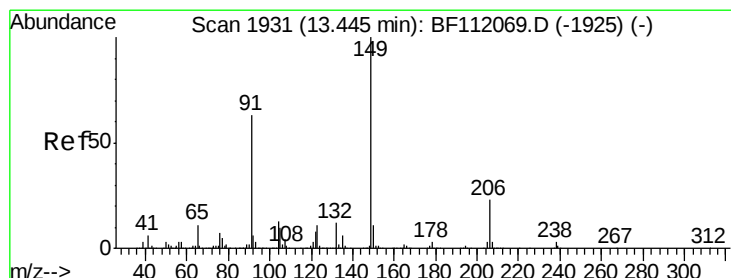
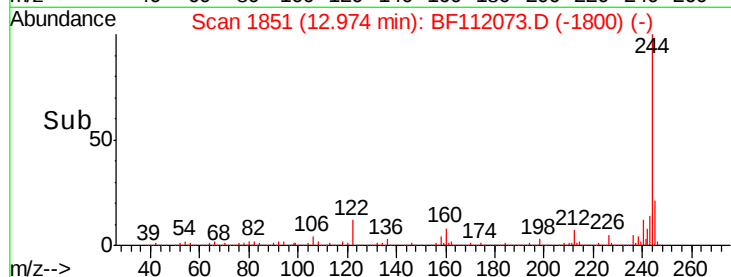
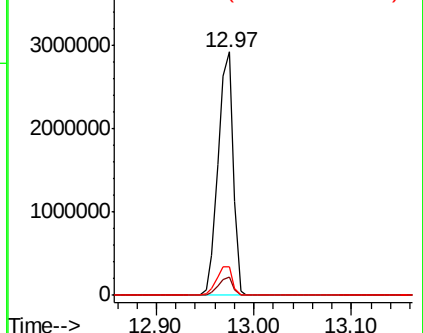
122 12.0 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.042 ng

RT: 13.44 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

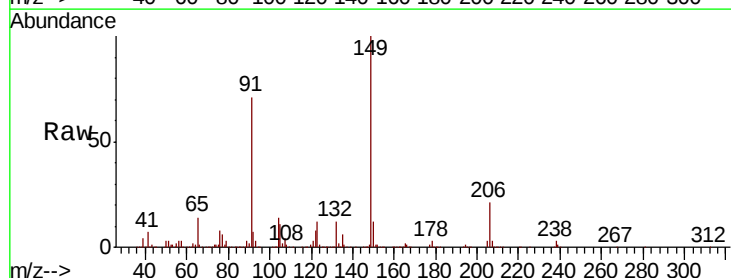
Tgt Ion:149 Resp: 1056265

Ion Ratio Lower Upper

149 100

91 70.7 50.3 75.5

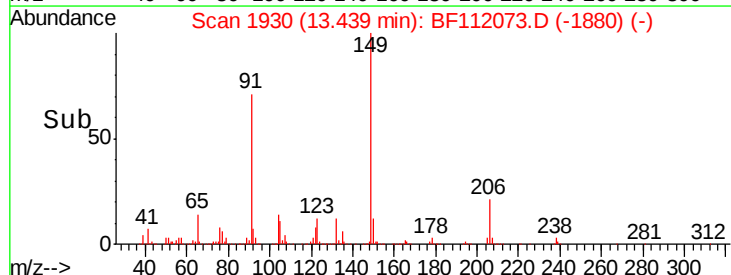
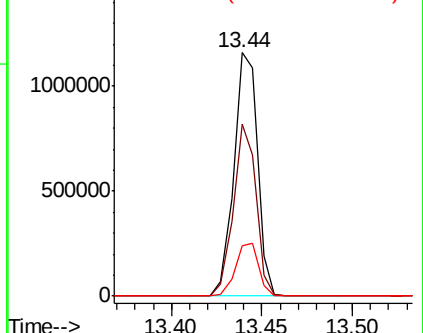
206 20.8 18.2 27.4

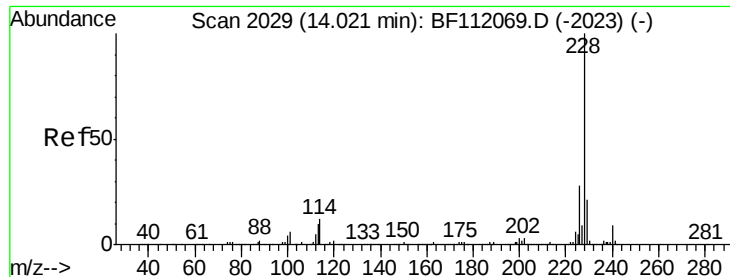


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.058 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

Instrument :

BNA_F

ClientSampleId :

ICVBF011619

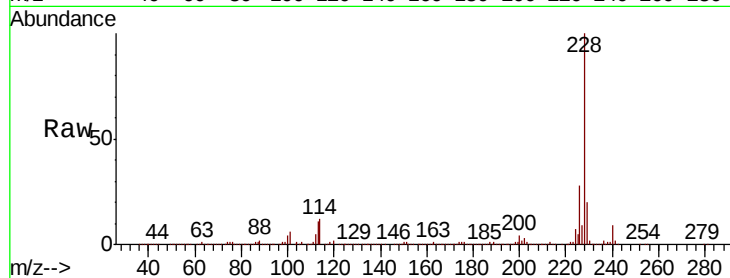
Tot Ion:228 Resp: 1988773

Ion Ratio Lower Upper

228 100

226 28.1 22.6 34.0

229 20.5 16.5 24.7

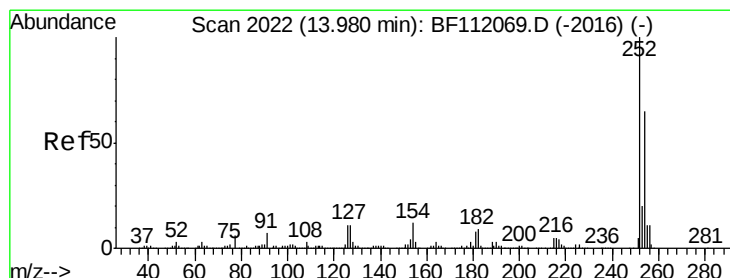
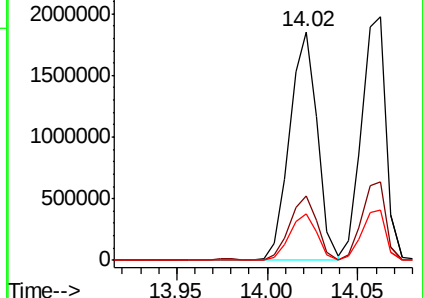
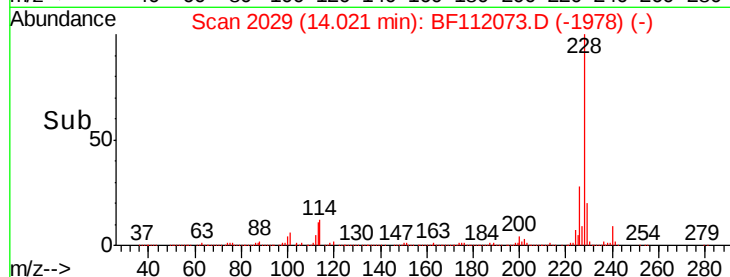


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.553 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

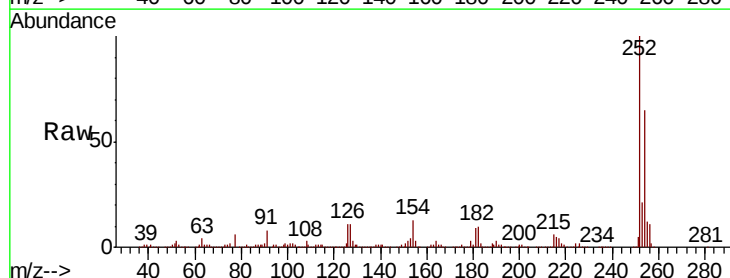
Tgt Ion:252 Resp: 734896

Ion Ratio Lower Upper

252 100

254 65.0 51.6 77.4

126 11.4 8.6 12.8

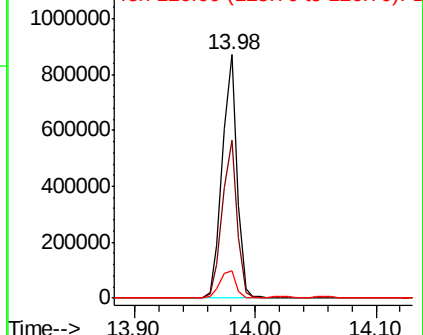
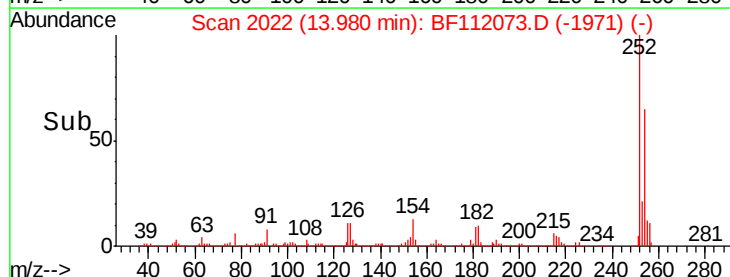


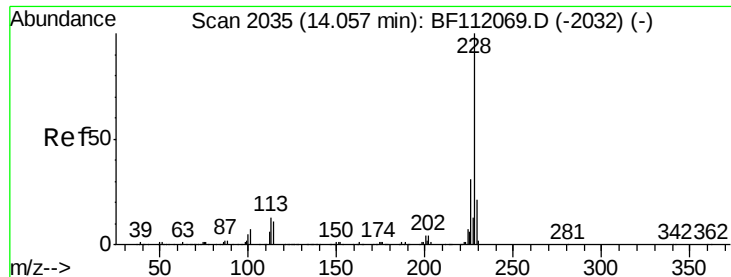
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

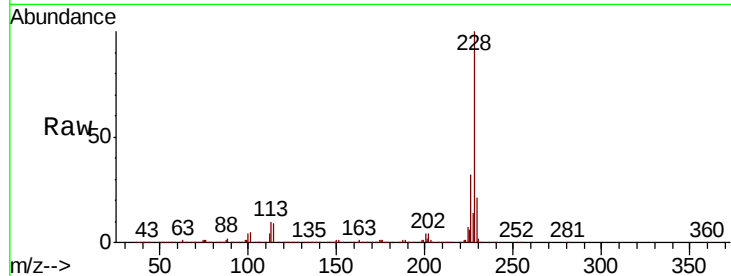




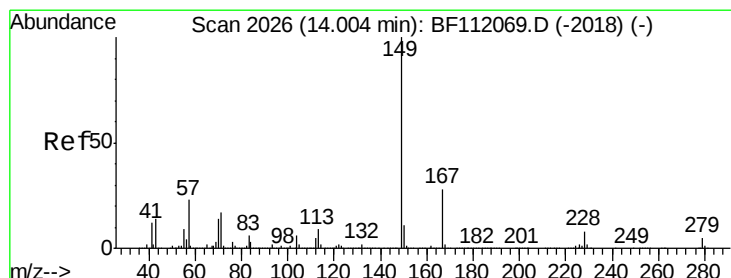
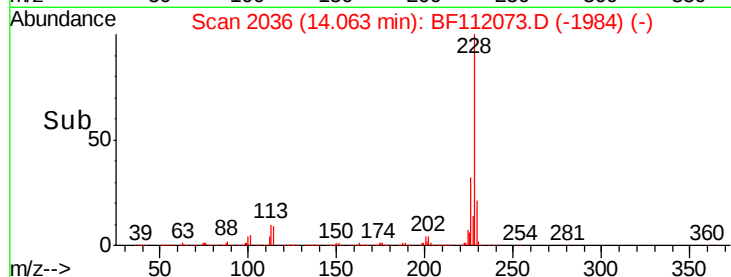
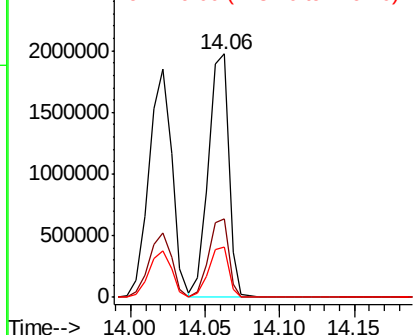
#83
Chrysene
Concen: 37.797 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Instrument :
BNA_F
ClientSampleId :
ICVBF011619

Tot Ion:228 Resp: 1868924
Ion Ratio Lower Upper
228 100
226 32.1 25.0 37.6
229 20.6 16.6 24.8

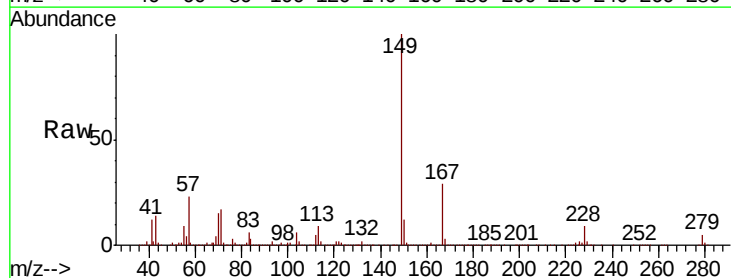


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

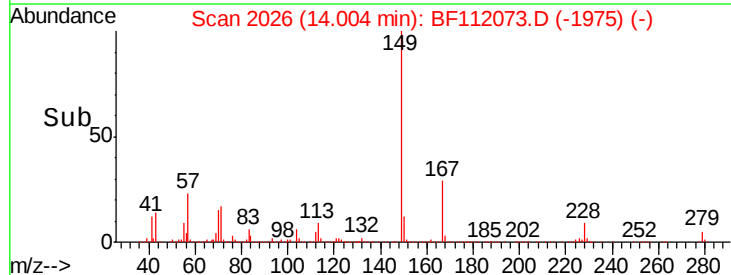
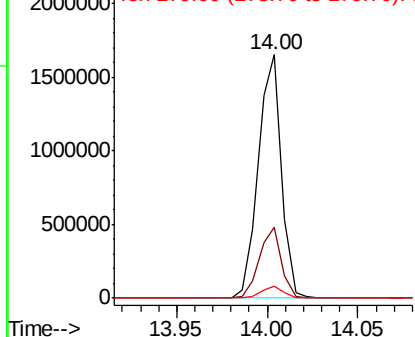


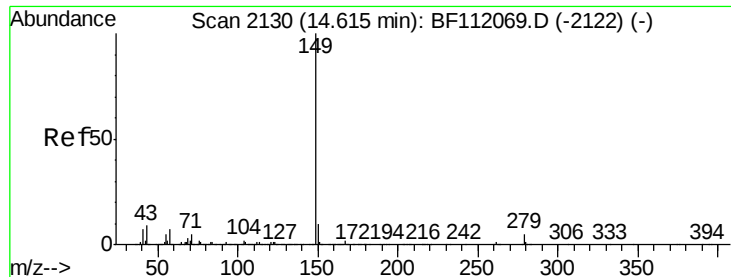
#84
Bis(2-ethylhexyl)phthalate
Concen: 38.767 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Tgt Ion:149 Resp: 1465621
Ion Ratio Lower Upper
149 100
167 29.0 22.5 33.7
279 5.0 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

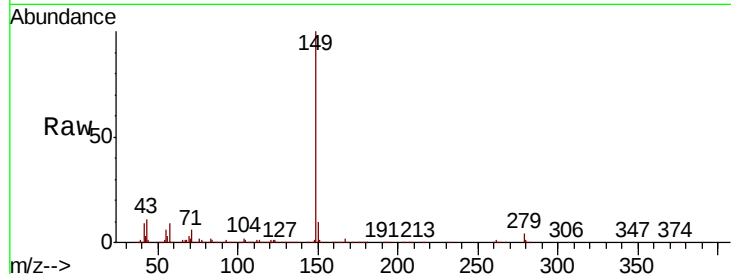




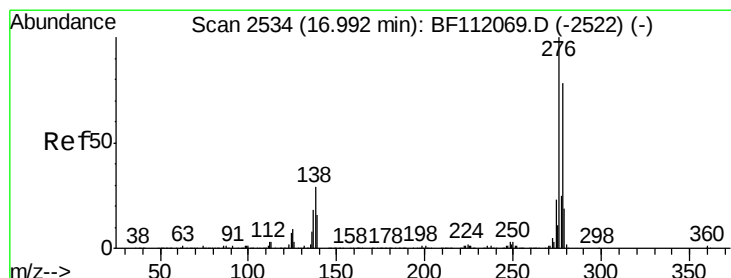
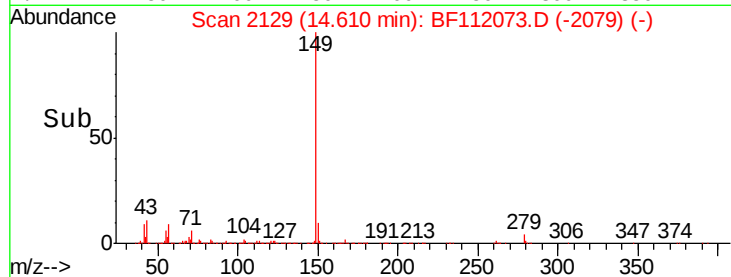
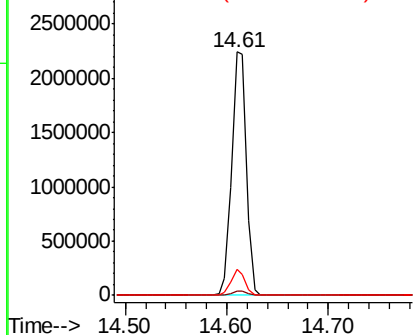
#85
Di-n-octyl phthalate
Concen: 38.739 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Instrument :
BNA_F
ClientSampleId :
ICVBF011619

Tot Ion:149 Resp: 2256507
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.9 7.8 11.6

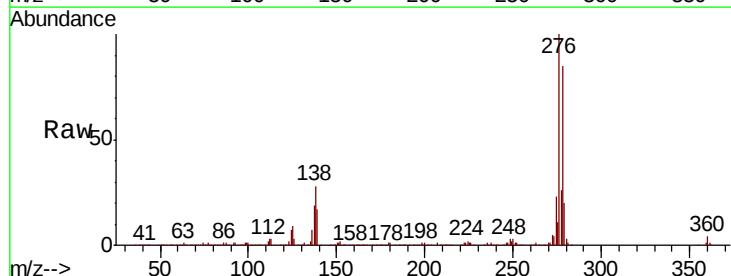


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

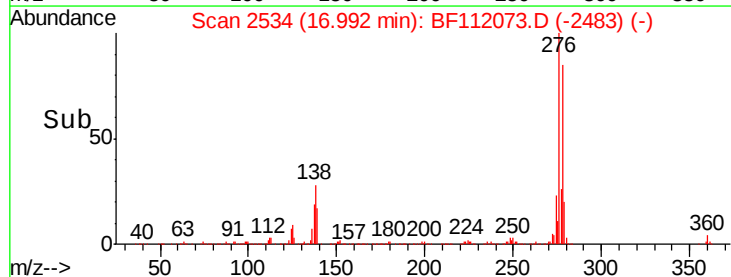
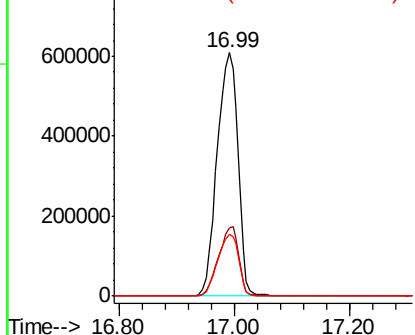


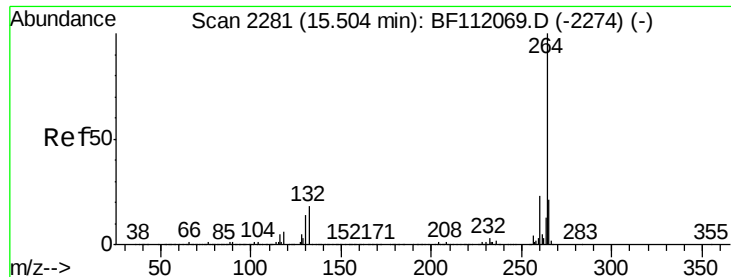
#86
Indeno(1,2,3-cd)pyrene
Concen: 33.502 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Tgt Ion:276 Resp: 1528293
Ion Ratio Lower Upper
276 100
138 27.7 22.6 34.0
277 25.6 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

Instrument :

BNA_F

ClientSampleId :

ICVBF011619

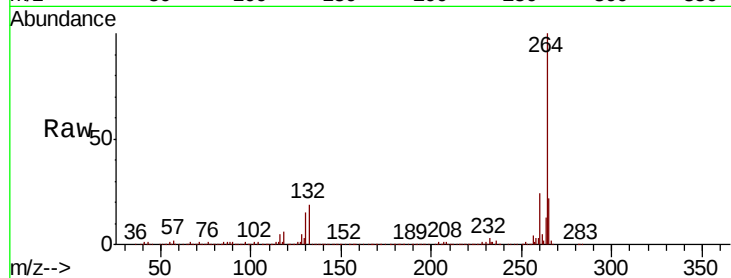
Tot Ion:264 Resp: 751415

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.2

265 21.8 17.0 25.4

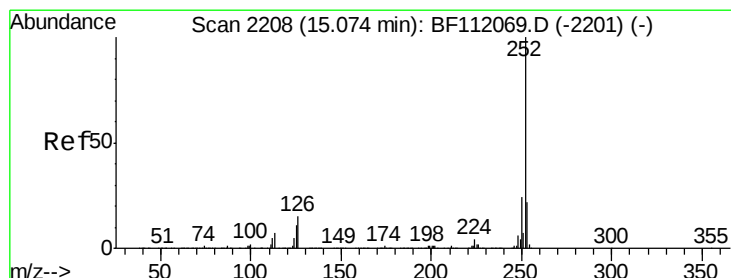
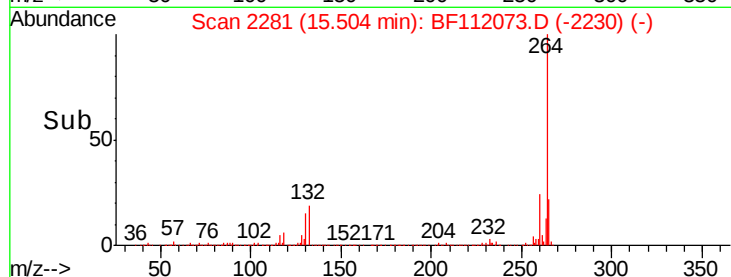
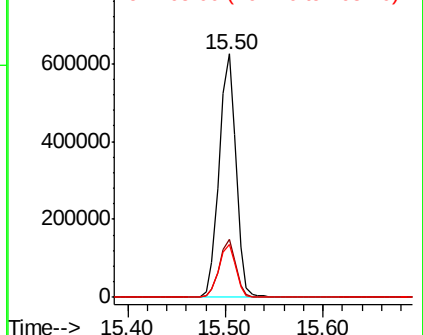


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.876 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BF112073.D

Acq: 16 Jan 2019 18:29

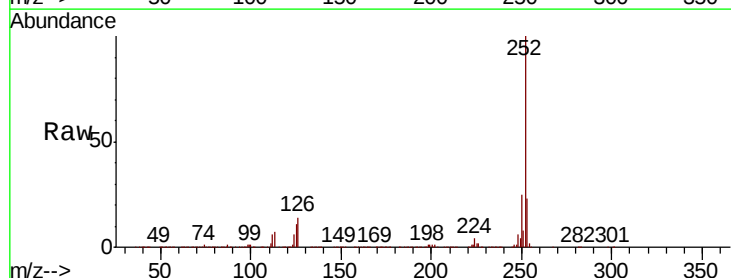
Tgt Ion:252 Resp: 1658188

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

125 11.1 8.7 13.1

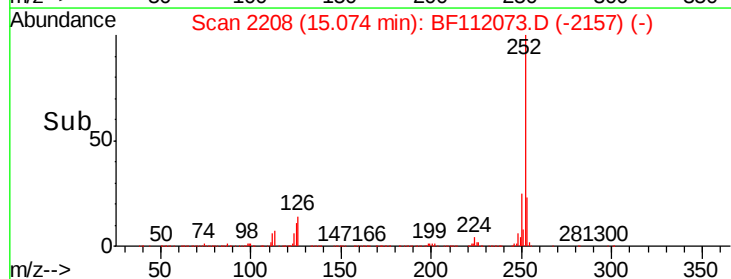
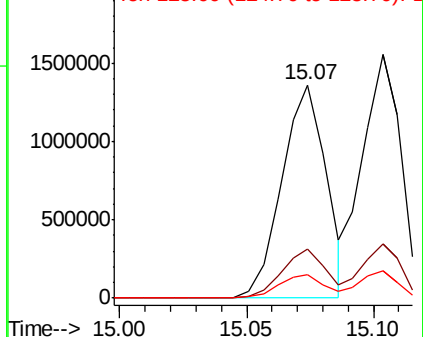


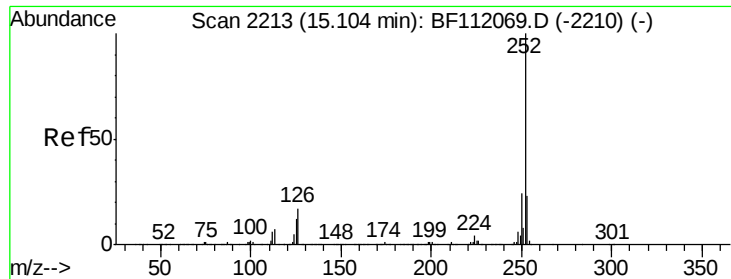
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

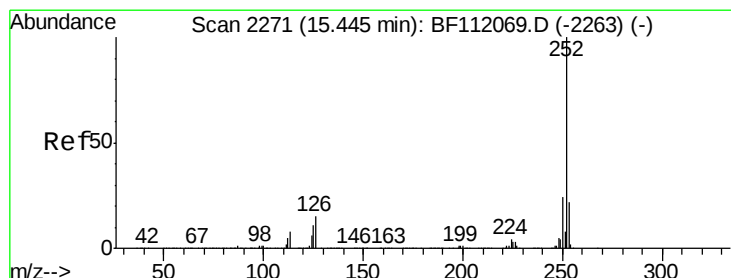
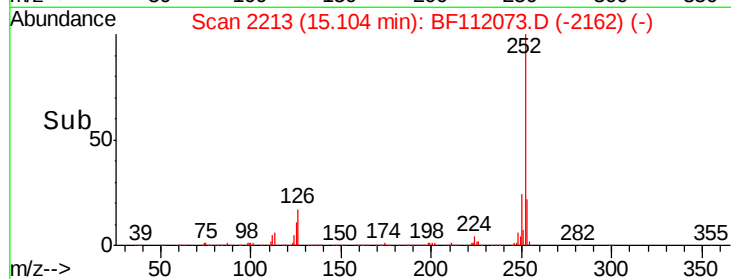
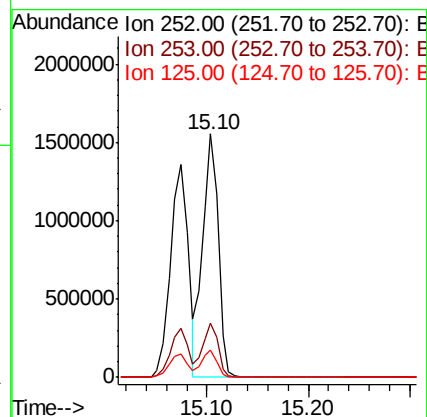
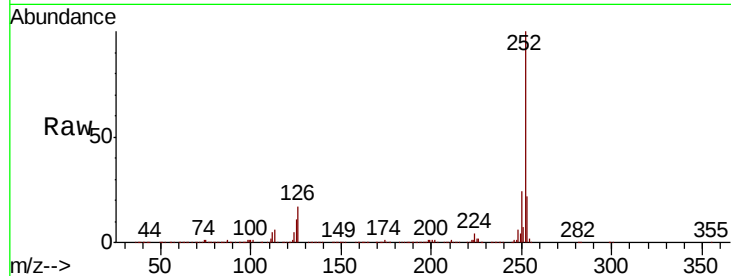




#89
Benzo(k)fluoranthene
Concen: 40.252 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

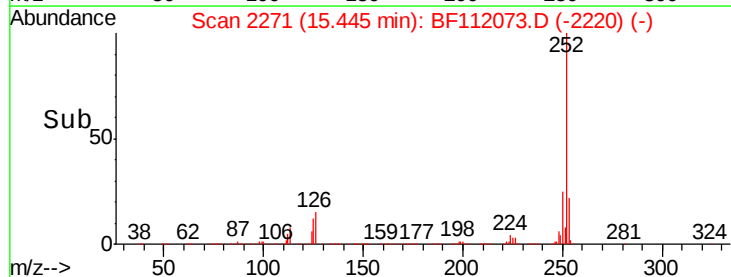
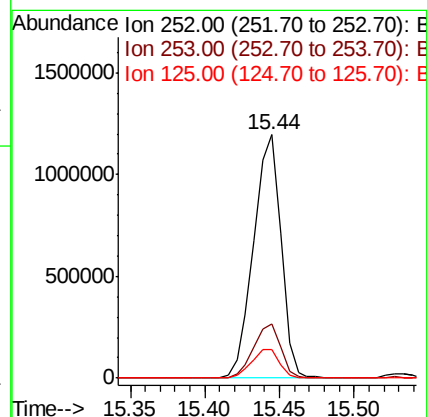
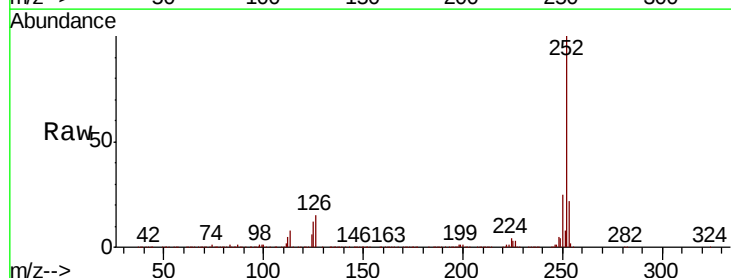
Instrument :
BNA_F
ClientSampleId :
ICVBF011619

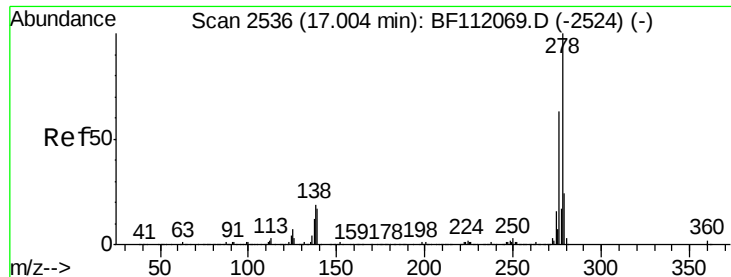
Tot Ion:252 Resp: 1661722
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 11.2 9.1 13.7



#90
Benzo(a)pyrene
Concen: 38.846 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Tgt Ion:252 Resp: 1519504
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 11.8 9.0 13.4

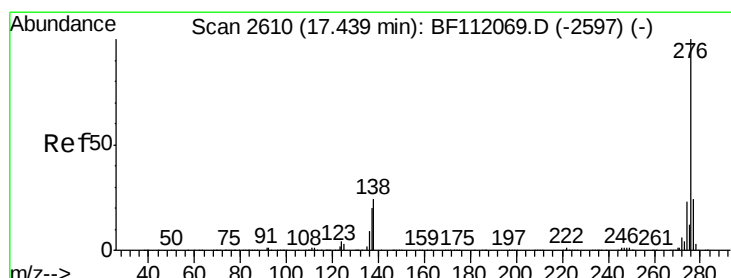
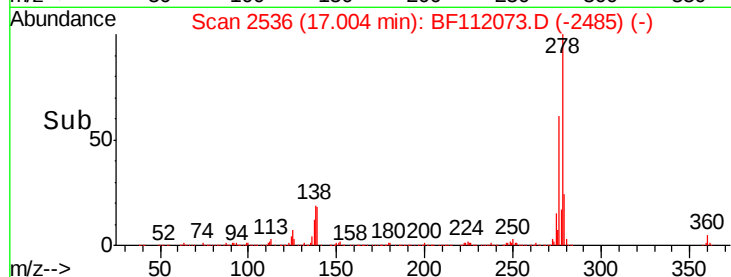
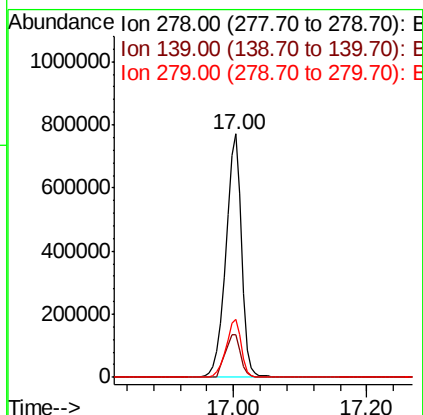
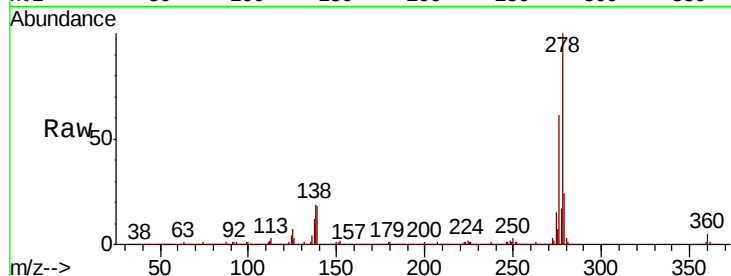




#91
Dibenzo(a,h)anthracene
Concen: 36.873 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Instrument :
BNA_F
ClientSampleId :
ICVBF011619

Tot Ion:278 Resp: 1281057
Ion Ratio Lower Upper
278 100
139 17.6 13.7 20.5
279 23.9 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 36.708 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.00 min
Lab File: BF112073.D
Acq: 16 Jan 2019 18:29

Tgt Ion:276 Resp: 1256406
Ion Ratio Lower Upper
276 100
277 22.9 19.4 29.0
138 23.4 19.1 28.7

