

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
 Data File : BF112373.D
 Acq On : 4 Feb 2019 10:06
 Operator : JU/SJ
 Sample : PB116745BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BS

Quant Time: Feb 04 10:42:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	176528	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	671674	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	321559	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	562966	20.00	ng	0.00
76) Chrysene-d12	14.01	240	374450	20.00	ng	0.00
87) Perylene-d12	15.47	264	375789	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	836341	100.63	ng	0.00
7) Phenol-d6	6.49	99	1034629	89.59	ng	0.00
23) Nitrobenzene-d5	7.40	82	976400	83.76	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	313423	83.74	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1959363	86.18	ng	0.00
79) Terphenyl-d14	12.94	244	1536290	77.27	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.68	88	149290	45.093	ng	96
3) Pyridine	3.43	79	409807	48.661	ng	99
4) n-Nitrosodimethylamine	3.39	42	197773	55.896	ng	95
6) Aniline	6.50	93	242418	17.646	ng	# 1
8) 2-Chlorophenol	6.63	128	491524	43.964	ng	97
9) Benzaldehyde	6.39	77	283590	46.983	ng	99
10) Phenol	6.50	94	547095	43.181	ng	86
11) bis(2-Chloroethyl)ether	6.57	93	422506	42.357	ng	97
12) 1,3-Dichlorobenzene	6.78	146	532563	40.902	ng	100
13) 1,4-Dichlorobenzene	6.86	146	547286	40.841	ng	99
14) 1,2-Dichlorobenzene	7.01	146	512119	40.818	ng	96
15) Benzyl Alcohol	6.99	79	399729	41.061	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	534956	41.770	ng	57
17) 2-Methylphenol	7.11	107	374899	42.300	ng	# 88
18) Hexachloroethane	7.35	117	186066	39.541	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	331066	41.575	ng	96
20) 3+4-Methylphenols	7.26	107	498364	43.973	ng	# 63
22) Acetophenone	7.25	105	661052	40.418	ng	95
24) Nitrobenzene	7.42	77	488733	41.980	ng	99
25) Isophorone	7.66	82	862356	47.156	ng	98
26) 2-Nitrophenol	7.74	139	262751	42.232	ng	94
27) 2,4-Dimethylphenol	7.78	122	422500	49.289	ng	95
28) bis(2-Chloroethoxy)methane	7.87	93	552932	44.405	ng	99
29) 2,4-Dichlorophenol	7.99	162	422825	44.078	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	466891	42.343	ng	99
31) Naphthalene	8.15	128	1406508	44.778	ng	99
32) Benzoic acid	7.93	122	192934	39.458	ng	99
33) 4-Chloroaniline	8.19	127	104277	7.624	ng	100
34) Hexachlorobutadiene	8.26	225	258520	39.954	ng	99
35) Caprolactam	8.57	113	87155	25.755	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	424731	41.825	ng	98
37) 2-Methylnaphthalene	8.83	142	993419	46.199	ng	98
38) 1-Methylnaphthalene	8.93	142	935413	45.386	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	460196	43.588	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	153851	43.386	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	286724	44.057	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	298639	43.906	nq	97
46) 1,1'-Biphenyl	9.30	154	1211685	43.102	nq	99
47) 2-Chloronaphthalene	9.33	162	922188	42.302	nq	98
48) 2-Nitroaniline	9.42	65	251776	42.374	nq	89
49) Acenaphthylene	9.74	152	1445907	45.252	nq	99
50) Dimethylphthalate	9.60	163	1113551	44.571	nq	99
51) 2,6-Dinitrotoluene	9.66	165	247690	44.267	nq #	84
52) Acenaphthene	9.91	154	829637	43.465	nq	99
53) 3-Nitroaniline	9.83	138	95130	15.693	nq	95
54) 2,4-Dinitrophenol	9.96	184	96476	53.726	nq	94
55) Dibenzofuran	10.09	168	1253215	42.965	nq	96
56) 4-Nitrophenol	10.02	139	236566	73.815	nq	91
57) 2,4-Dinitrotoluene	10.07	165	307797	43.210	nq #	86
58) Fluorene	10.43	166	991574	45.428	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	231126	44.965	nq #	96
60) Diethylphthalate	10.30	149	1109568	44.753	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	498254	41.963	nq	96
62) 4-Nitroaniline	10.45	138	218026	36.669	nq	96
63) Azobenzene	10.57	77	933500	42.811	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	92557	29.324	nq	96
66) n-Nitrosodiphenylamine	10.53	169	887985	46.801	nq	100
67) 4-Bromophenyl-phenylether	10.90	248	303530	45.841	nq	98
68) Hexachlorobenzene	10.98	284	313895	44.187	nq	97
69) Atrazine	11.06	200	299225	48.876	nq	96
70) Pentachlorophenol	11.18	266	210801	76.263	nq	98
71) Phenanthrene	11.39	178	1329081	45.411	nq	99
72) Anthracene	11.45	178	1366124	46.858	nq	99
73) Carbazole	11.60	167	1163497	40.458	nq	99
74) Di-n-butylphthalate	11.92	149	1677689	46.999	nq	99
75) Fluoranthene	12.58	202	1216718	38.760	nq	97
77) Benzidine	12.69	184	381606	37.027	nq	96
78) Pyrene	12.81	202	1209098	46.639	nq	98
80) Butylbenzylphthalate	13.42	149	593736	47.337	nq	97
81) Benzo(a)anthracene	14.00	228	1029192	46.756	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	224997	27.312	nq	99
83) Chrysene	14.03	228	964894	45.922	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	831146	46.682	nq	98
85) Di-n-octyl phthalate	14.58	149	1250053	45.634	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	942081	56.584	nq	97
88) Benzo(b)fluoranthene	15.05	252	1048854	46.670	nq	98
89) Benzo(k)fluoranthene	15.08	252	973825	45.238	nq	98
90) Benzo(a)pyrene	15.42	252	970462	47.991	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	806418	49.480	nq	99
92) Benzo(g,h,i)perylene	17.40	276	731377	47.566	nq	97

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

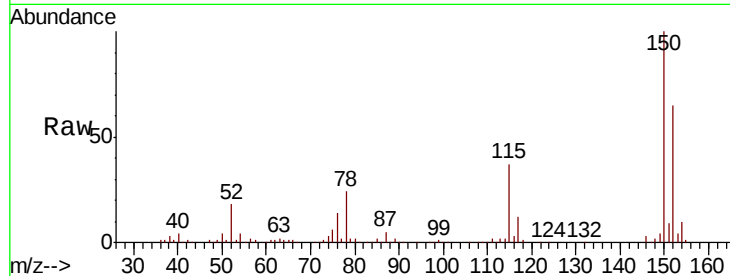


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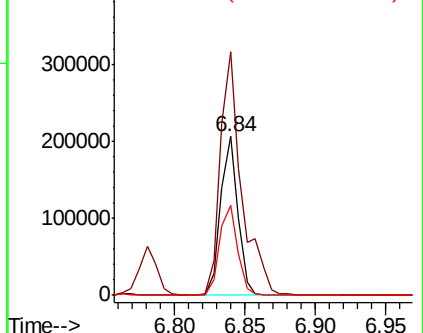
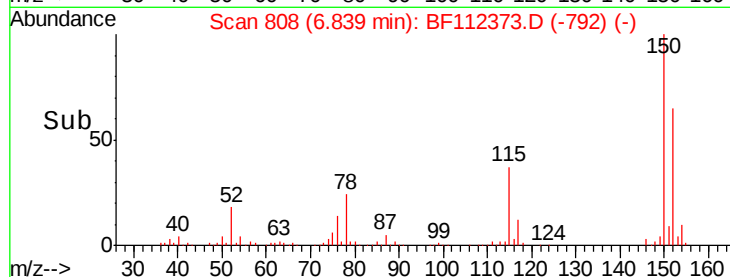
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion:152 Resp: 176528
Ion Ratio Lower Upper
152 100
150 153.4 127.4 191.0
115 56.6 45.5 68.3



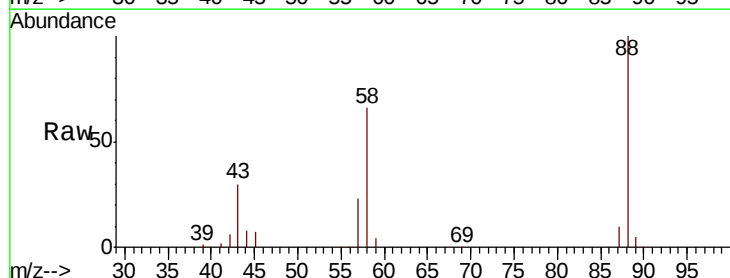
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



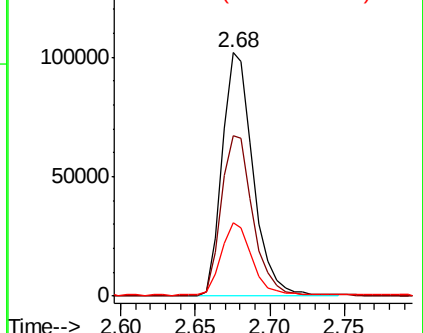
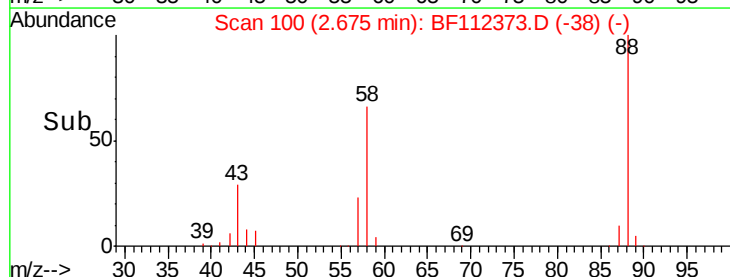
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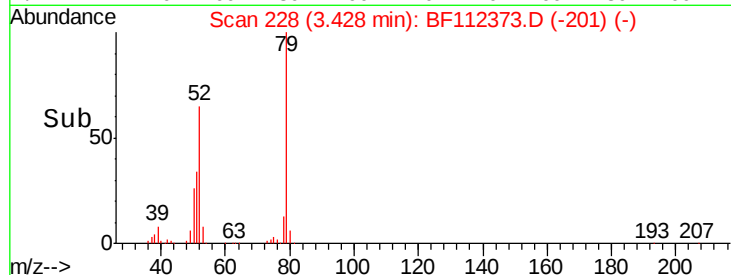
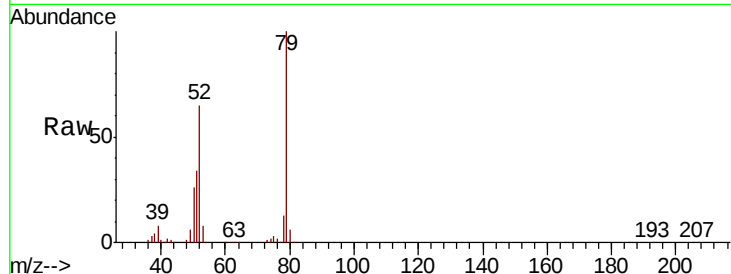
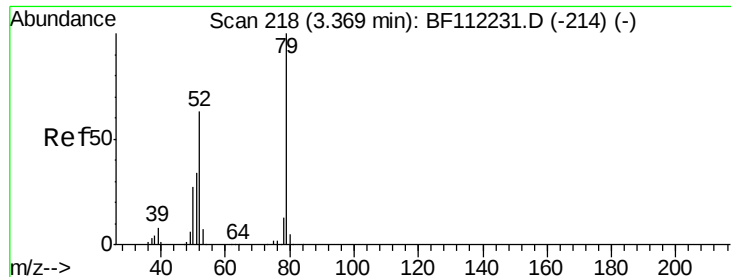
1,4-Dioxane
Concen: 45.093 ng
RT: 2.68 min Scan# 100
Delta R.T. 0.06 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion: 88 Resp: 149290
Ion Ratio Lower Upper
88 100
58 67.9 57.4 86.2
43 29.6 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

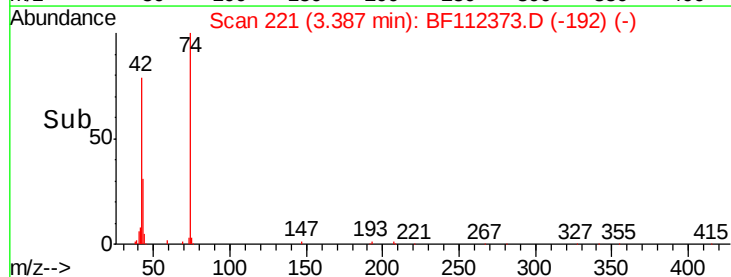
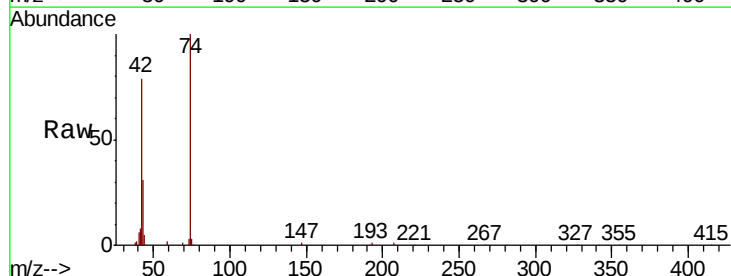
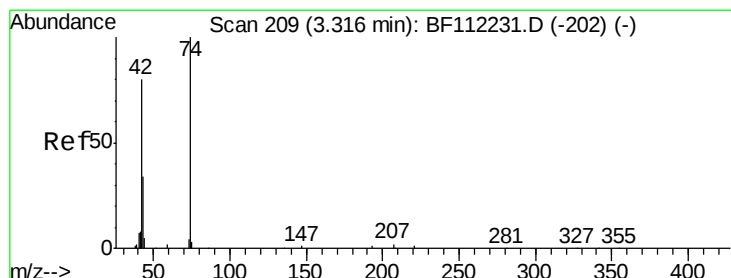
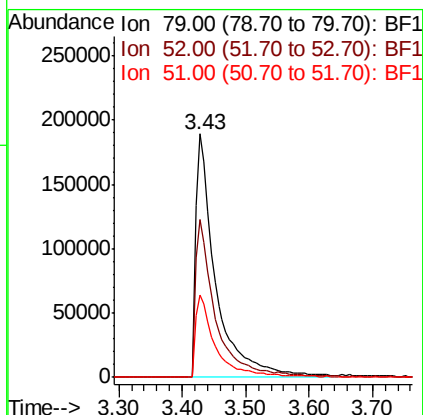




#3
 Pvridine
 Concen: 48.661 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.06 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

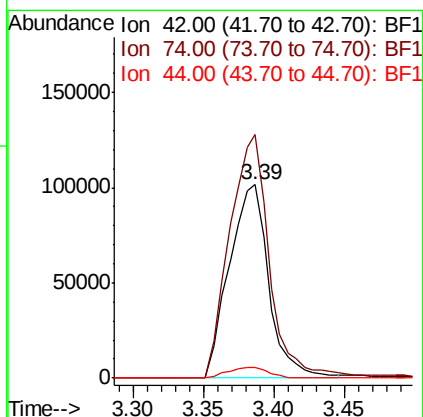
Tot Ion	Ratio	Lower	Upper
79	100		
52	65.0	52.4	78.6
51	34.0	26.1	39.1

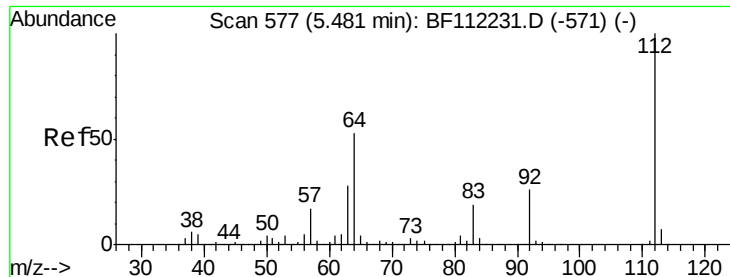
Instrument :
 BNA_F
 ClientSampleId :
 PB116745BS



#4
 n-Nitrosodimethylamine
 Concen: 55.896 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.07 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	125.9	105.6	158.4
44	5.7	5.4	8.2





#5

2-Fluorophenol

Concen: 100.632 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

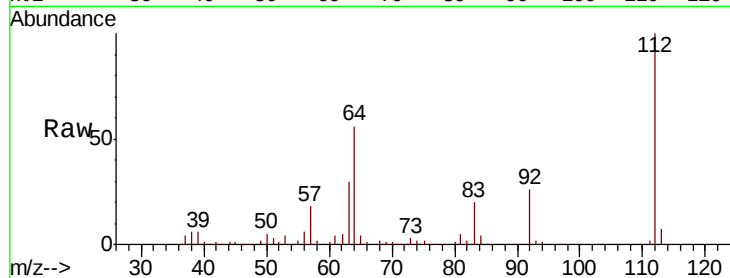
Tot Ion:112 Resp: 836341

Ion Ratio Lower Upper

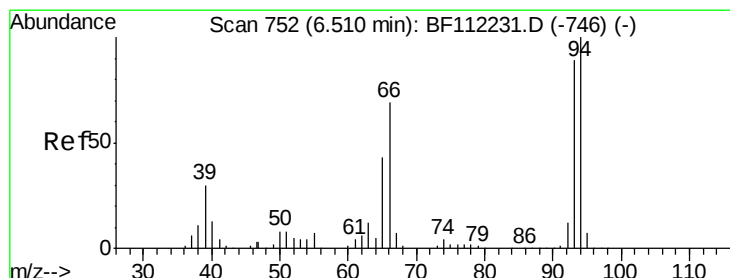
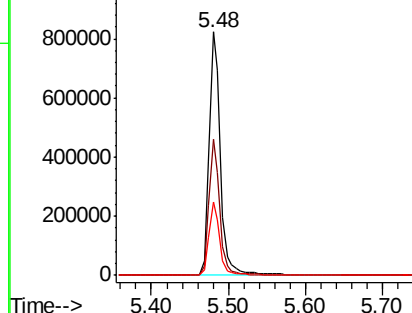
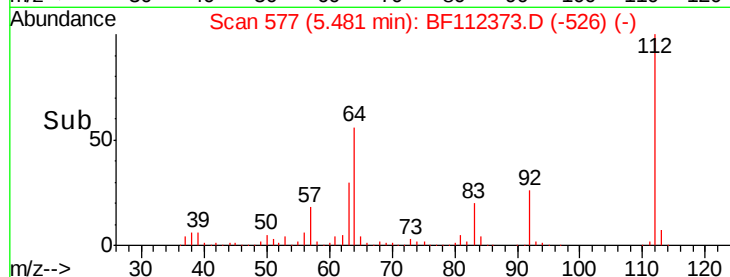
112 100

64 56.1 45.7 68.5

63 30.1 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: 17.646 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

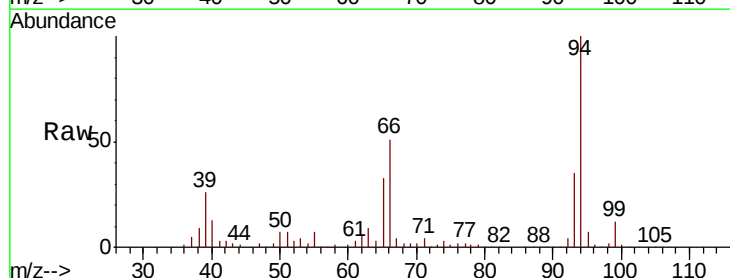
Tgt Ion: 93 Resp: 242418

Ion Ratio Lower Upper

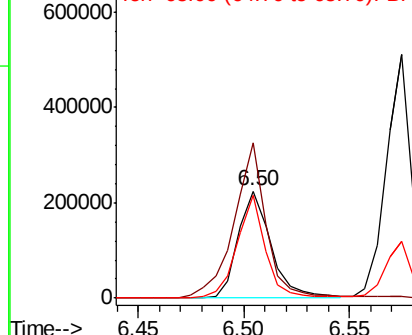
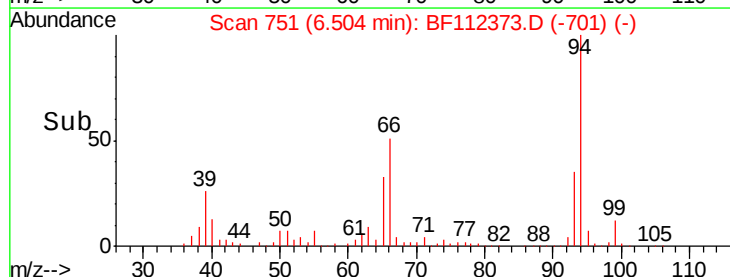
93 100

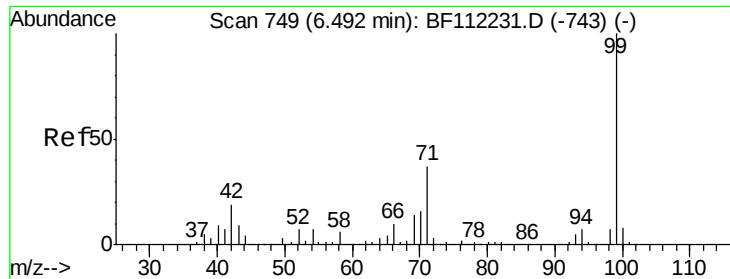
66 144.9 43.4 65.2#

65 95.6 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: 89.591 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

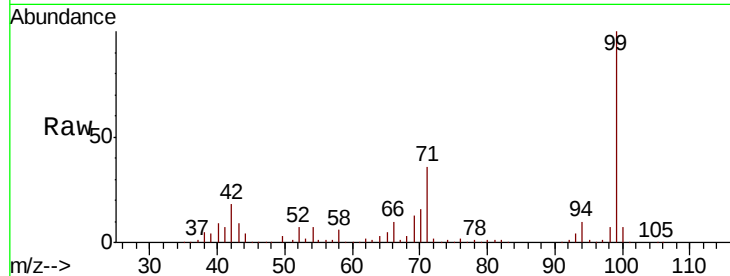
Tot Ion: 99 Resp: 1034629

Ion Ratio Lower Upper

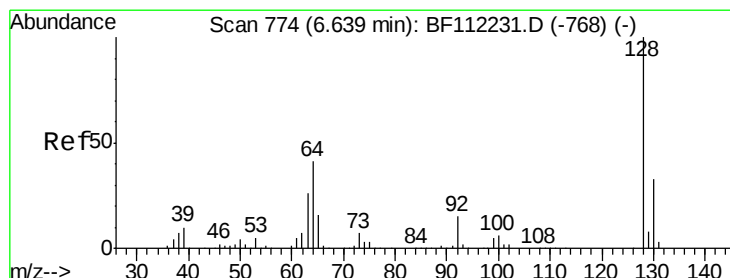
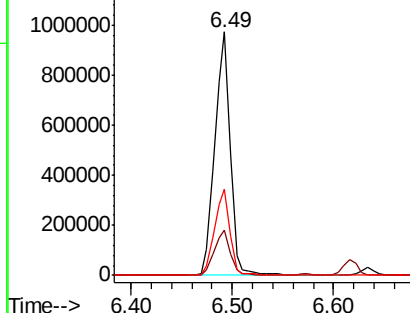
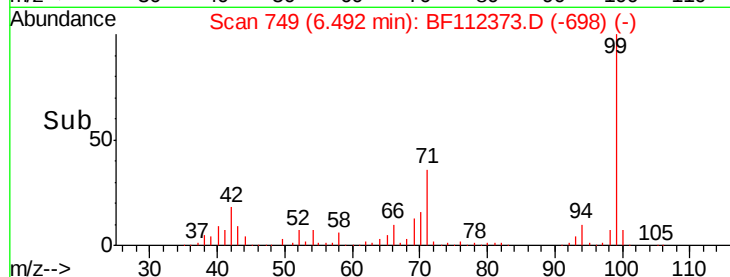
99 100

42 18.4 15.1 22.7

71 35.6 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: 43.964 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

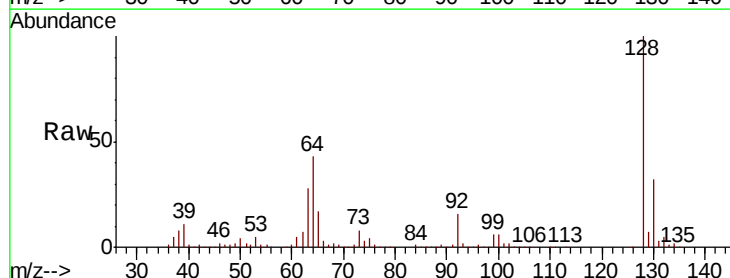
Tgt Ion: 128 Resp: 491524

Ion Ratio Lower Upper

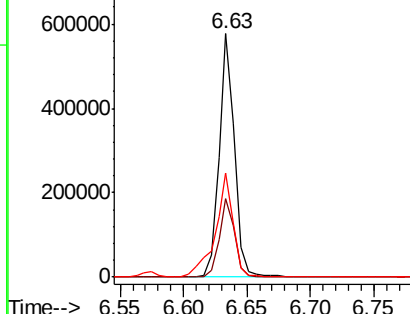
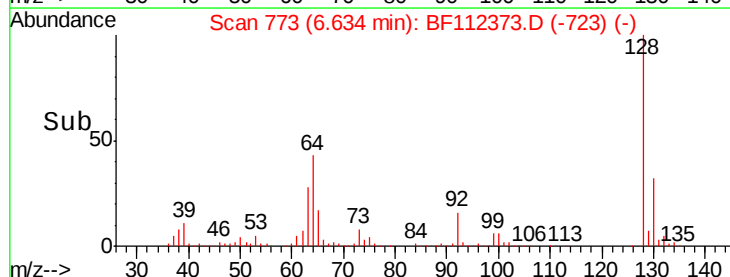
128 100

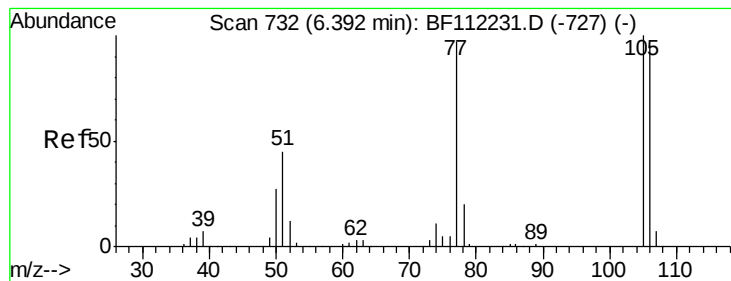
130 32.4 13.4 53.4

64 42.8 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: 46.983 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

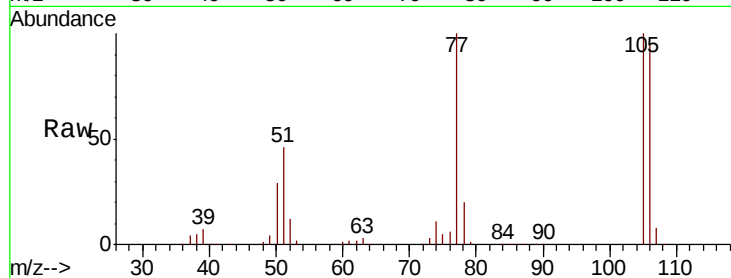
Tot Ion: 77 Resp: 283590

Ion Ratio Lower Upper

77 100

105 100.2 80.8 120.8

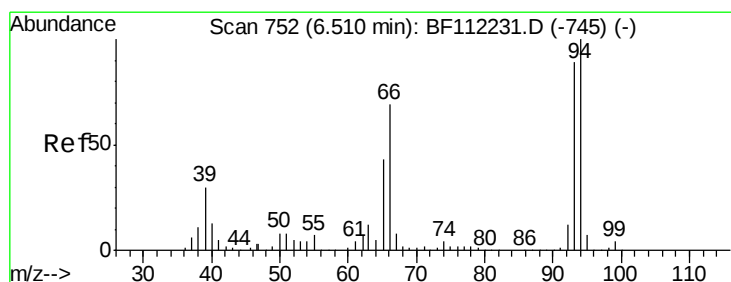
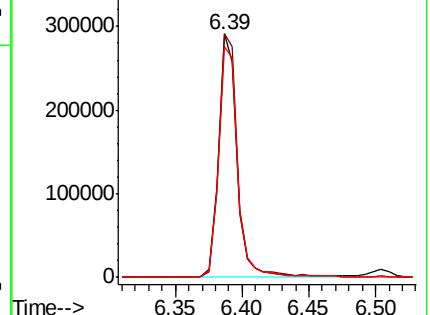
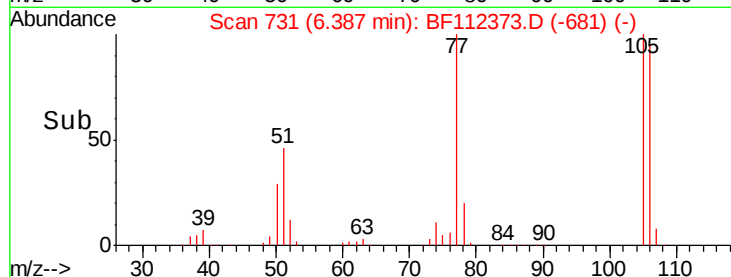
106 94.8 75.7 115.7



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: 43.181 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

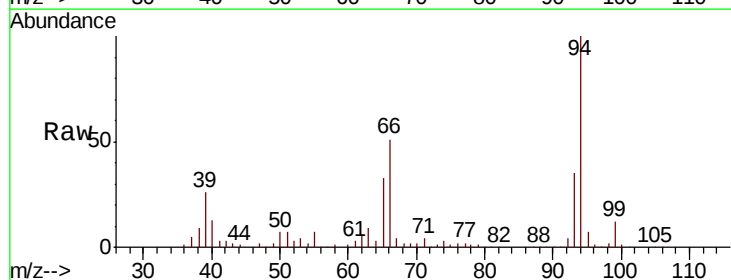
Tgt Ion: 94 Resp: 547095

Ion Ratio Lower Upper

94 100

65 33.4 20.3 60.3

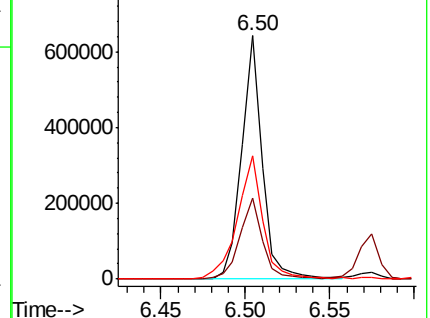
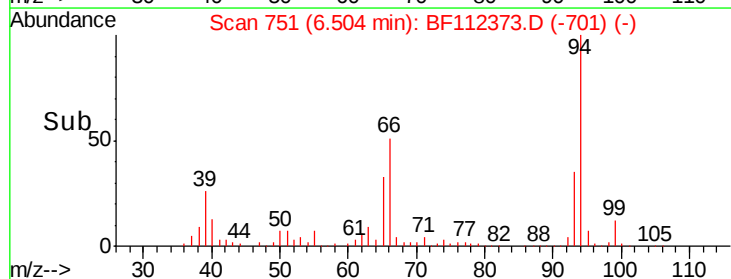
66 50.7 42.4 82.4

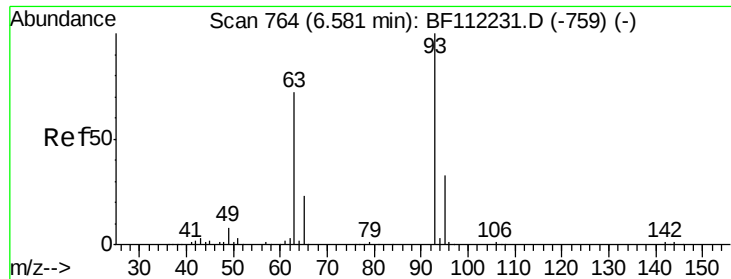


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

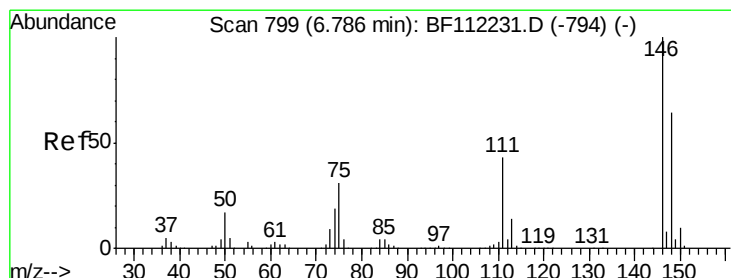
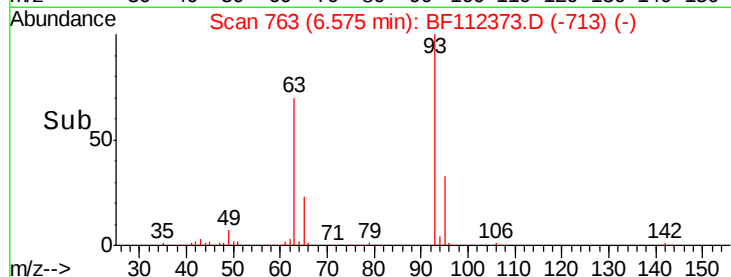
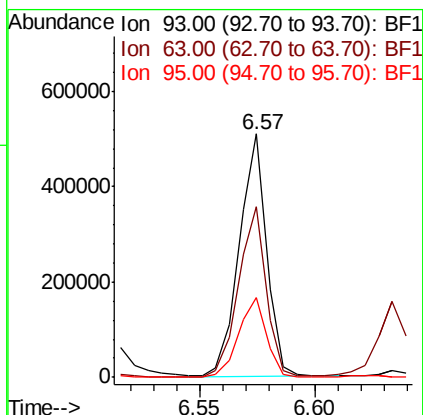
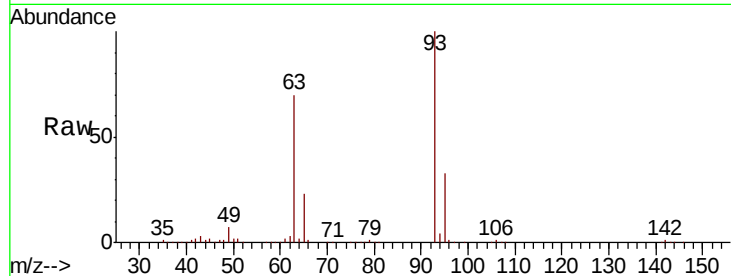




#11
bis(2-Chloroethyl)ether
Concen: 42.357 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

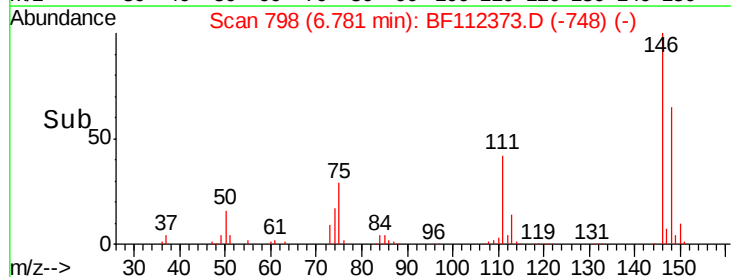
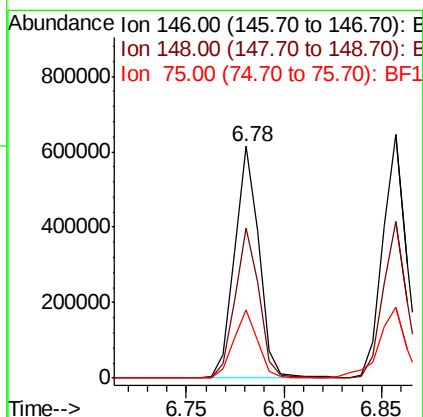
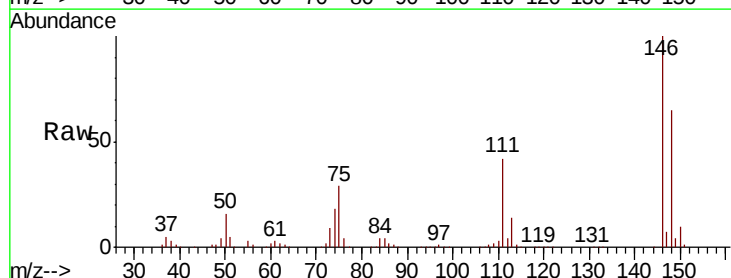
Instrument :
BNA_F
ClientSampleId :
PB116745BS

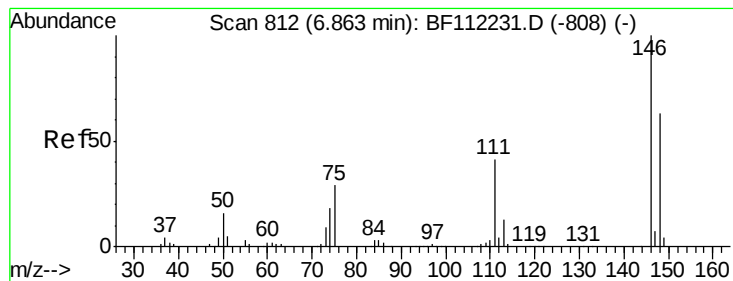
Tot Ion: 93 Resp: 422506
Ion Ratio Lower Upper
93 100
63 70.3 53.3 93.3
95 32.7 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 40.902 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion: 146 Resp: 532563
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.8
75 29.3 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 40.841 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

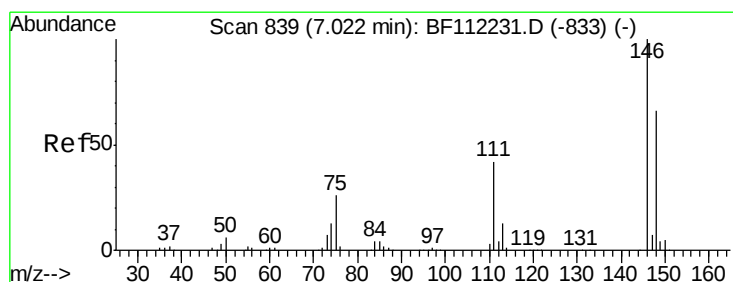
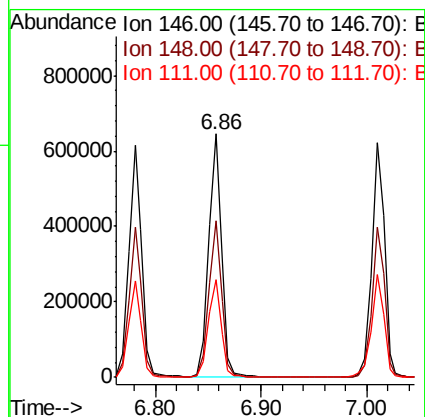
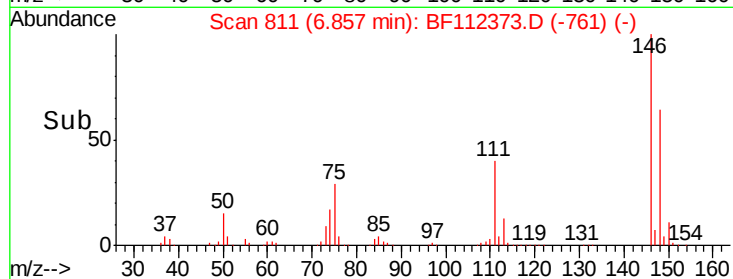
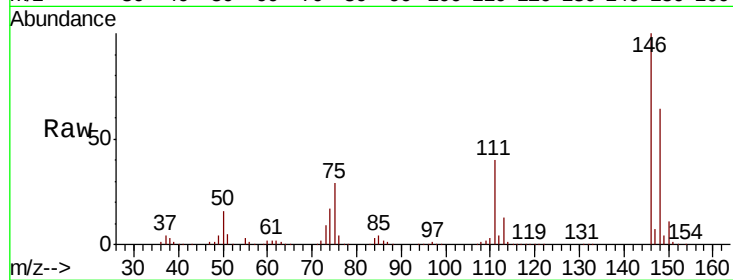
Tot Ion:146 Resp: 547286

Ion Ratio Lower Upper

146 100

148 64.1 52.0 78.0

111 40.0 31.2 46.8



#14

1,2-Dichlorobenzene

Concen: 40.818 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

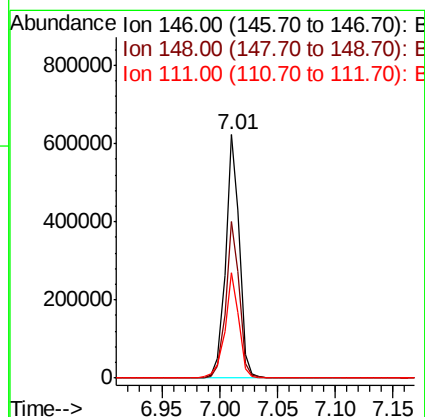
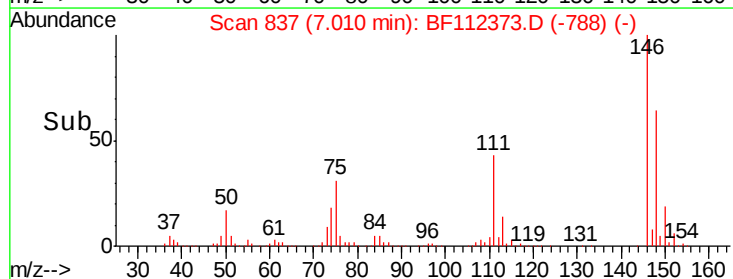
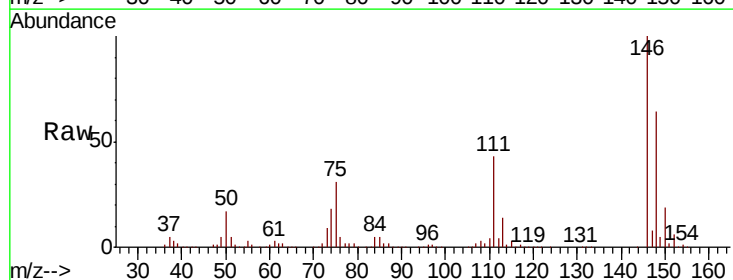
Tgt Ion:146 Resp: 512119

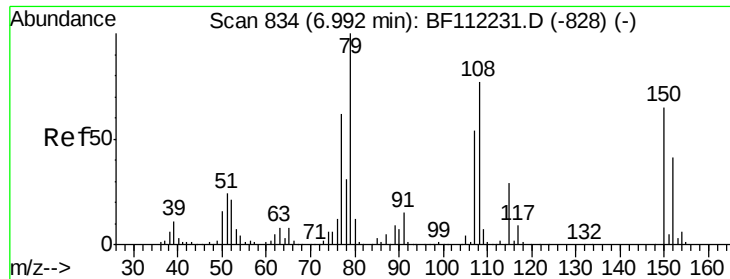
Ion Ratio Lower Upper

146 100

148 64.1 52.2 78.4

111 43.5 31.2 46.8

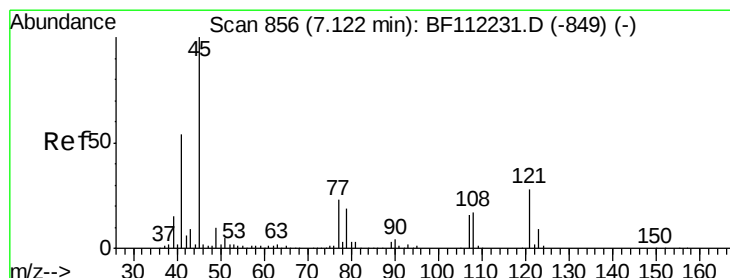
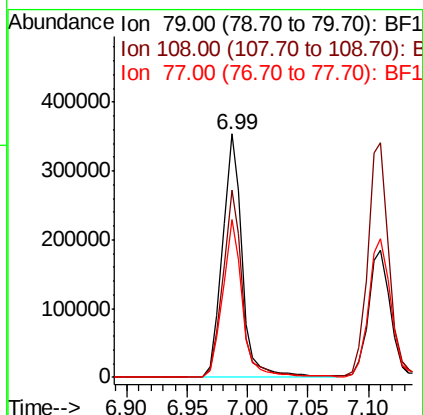
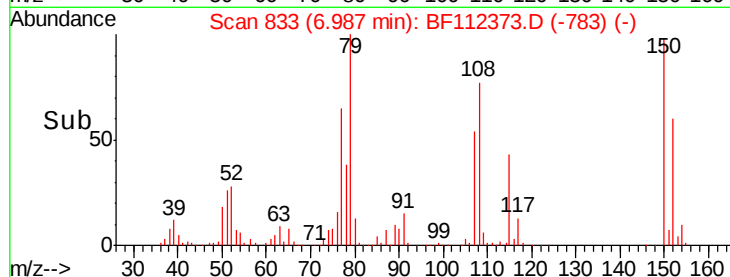
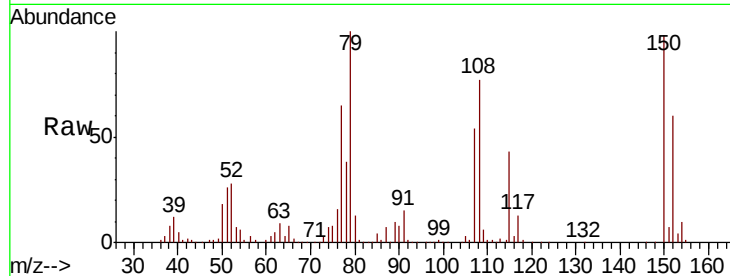




#15
Benzyl Alcohol
Concen: 41.061 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

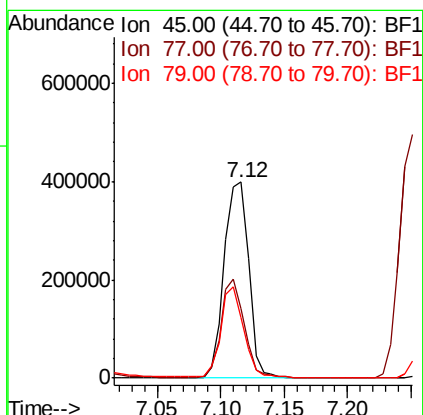
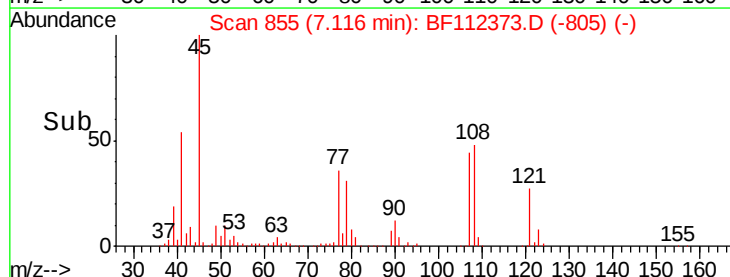
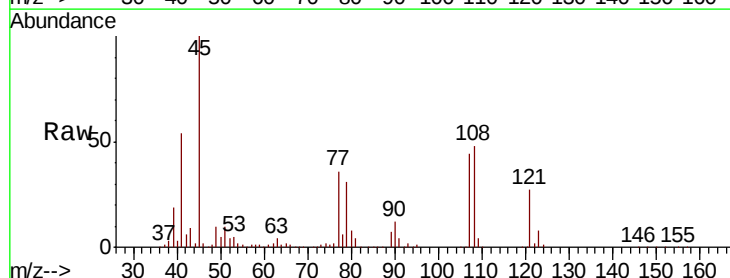
Instrument :
BNA_F
ClientSampleId :
PB116745BS

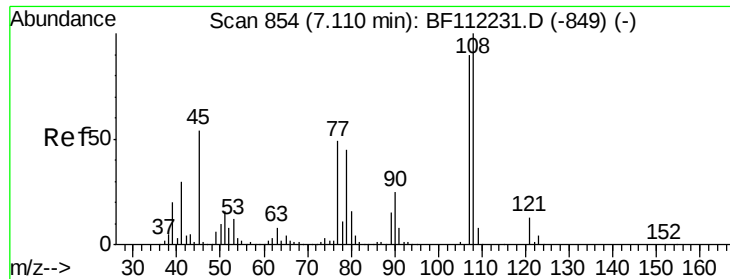
Tot Ion: 79 Resp: 399729
Ion Ratio Lower Upper
79 100
108 77.0 64.2 96.2
77 65.0 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.770 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion: 45 Resp: 534956
Ion Ratio Lower Upper
45 100
77 35.6 0.0 36.9
79 31.1 0.0 34.0





#17

2-Methylphenol

Concen: 42.300 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

Tot Ion:107 Resp: 374899

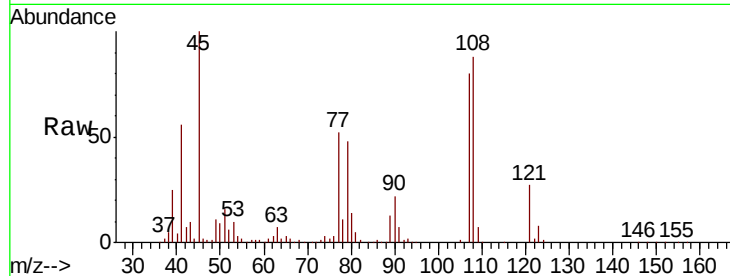
Ion Ratio Lower Upper

107 100

108 108.9 91.3 136.9

77 64.4 39.0 58.6#

79 59.1 37.0 55.4#

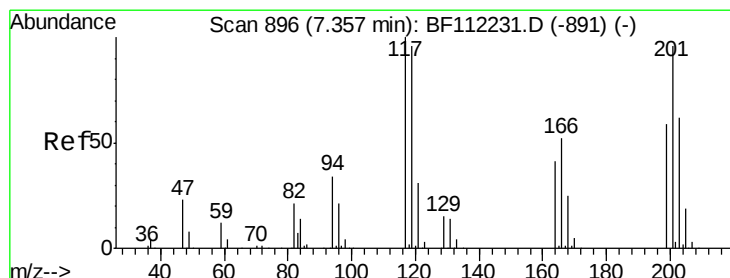
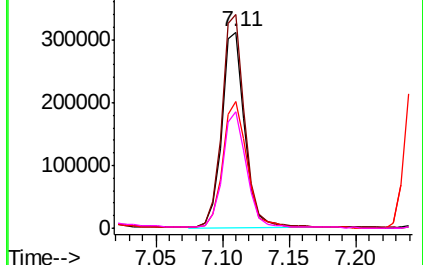
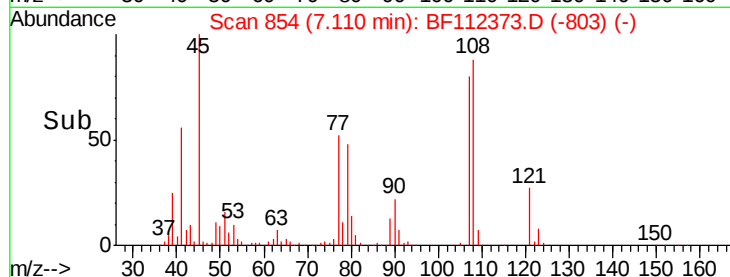


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.541 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

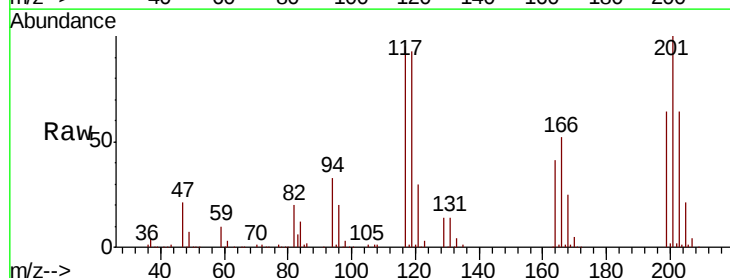
Tgt Ion:117 Resp: 186066

Ion Ratio Lower Upper

117 100

119 97.8 77.0 115.4

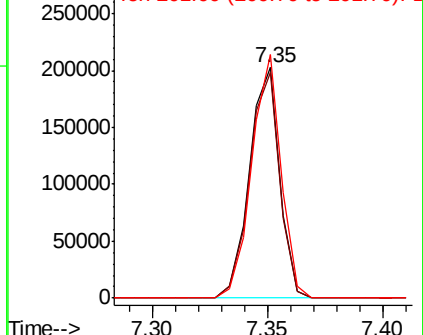
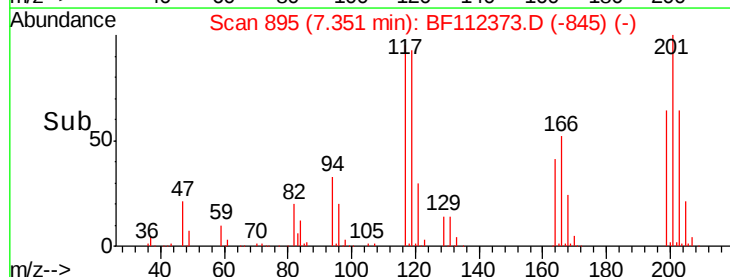
201 105.6 74.1 111.1

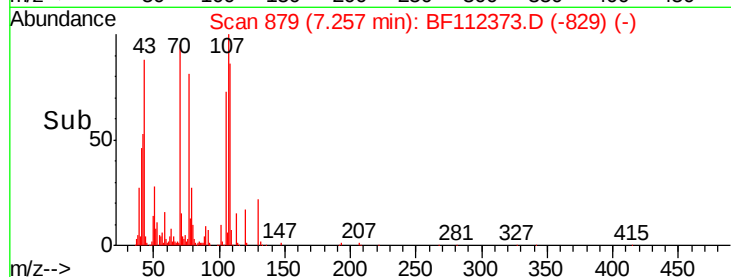
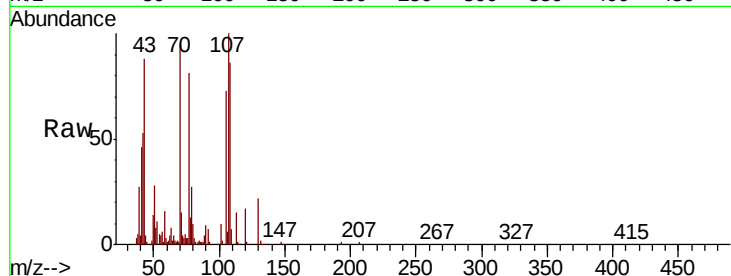
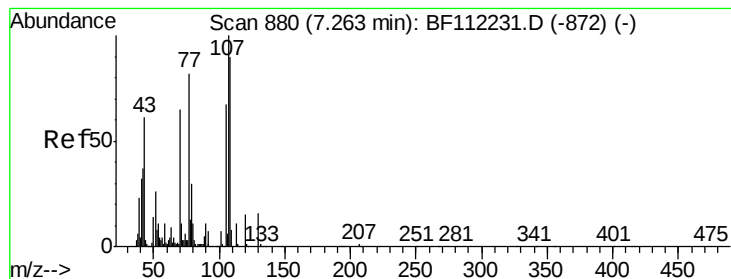


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.575 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

Tot Ion: 70 Resp: 331066

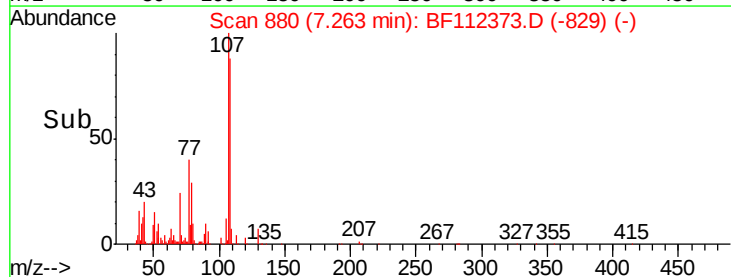
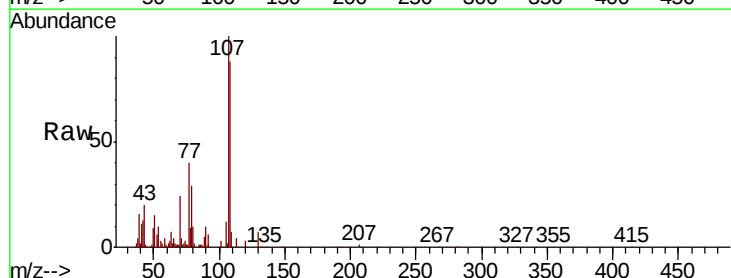
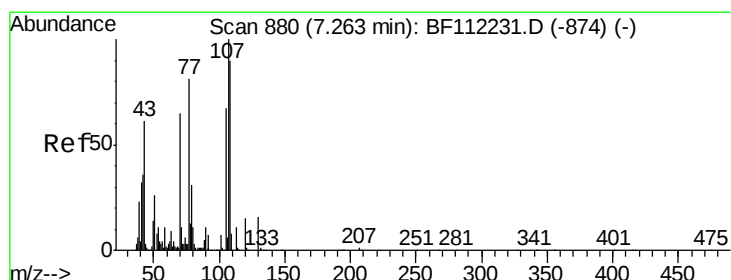
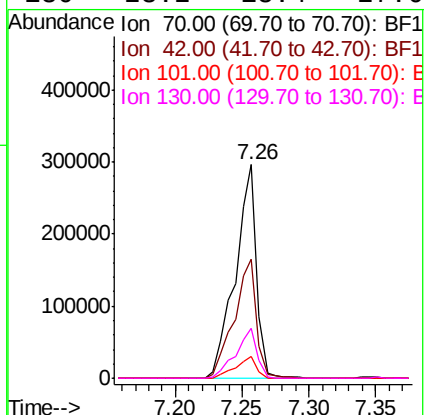
Ion Ratio Lower Upper

70 100

42 55.5 47.6 71.4

101 10.2 7.9 11.9

130 23.2 18.4 27.6



#20

3+4-Methylphenols

Concen: 43.973 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Tgt Ion: 107 Resp: 498364

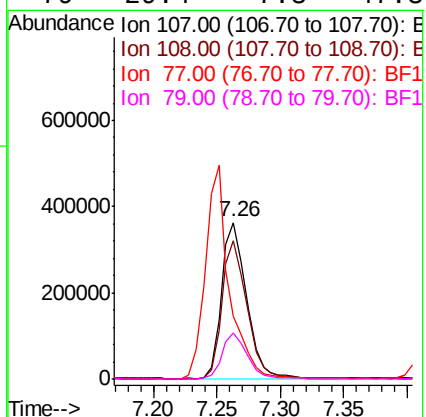
Ion Ratio Lower Upper

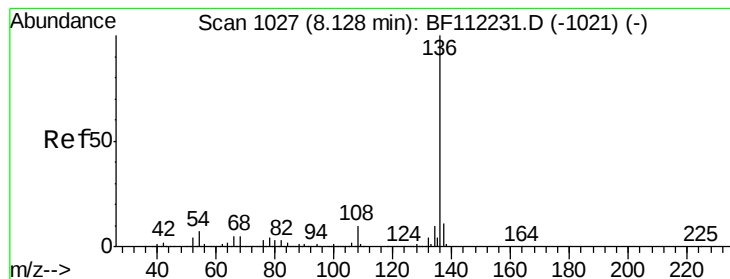
107 100

108 88.2 68.2 108.2

77 40.5 100.7 140.7#

79 29.4 7.3 47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

Tot Ion:136 Resp: 671674

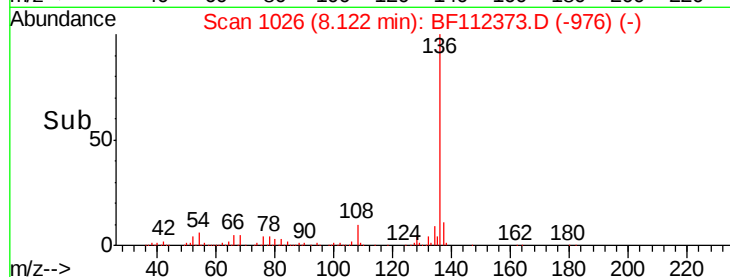
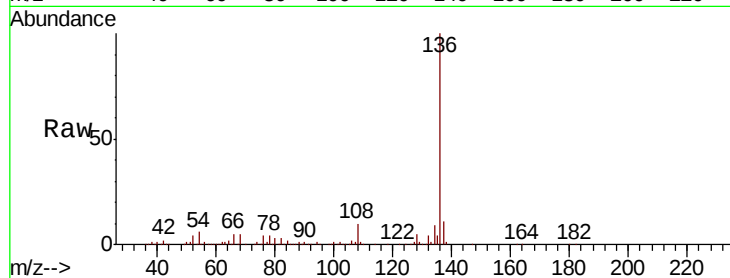
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.5 5.9 8.9

68 5.2 5.1 7.7

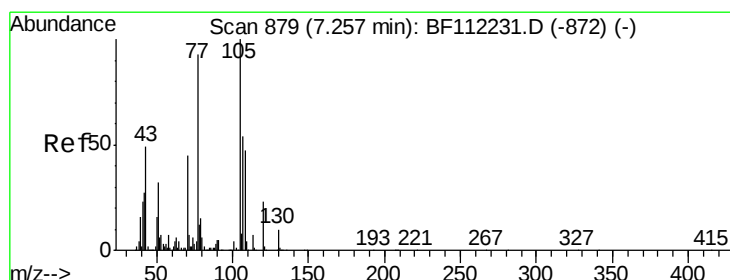
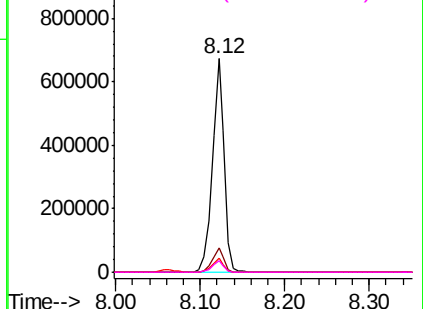


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.418 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Tgt Ion:105 Resp: 661052

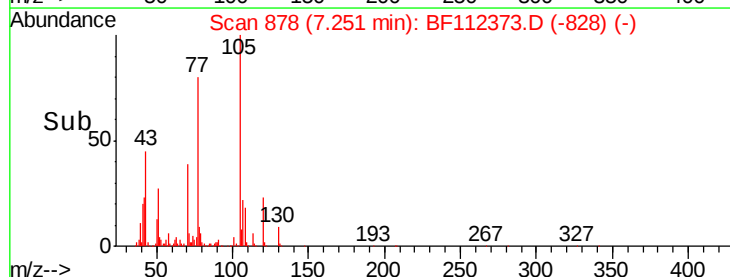
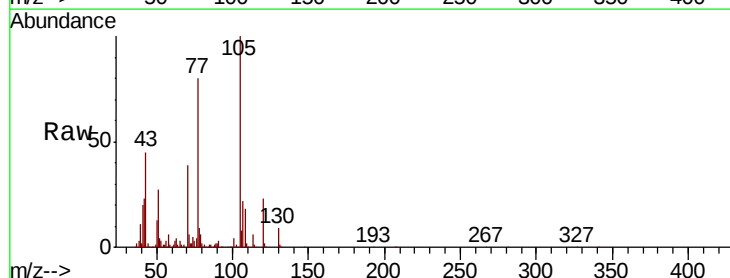
Ion Ratio Lower Upper

105 100

71 6.3 4.6 6.8

51 27.1 25.0 37.6

120 23.1 19.0 28.4

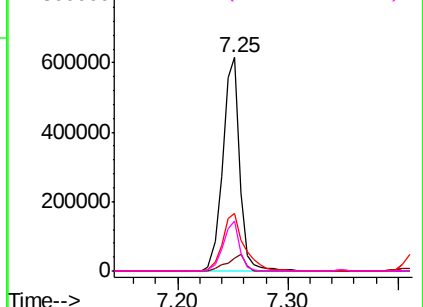


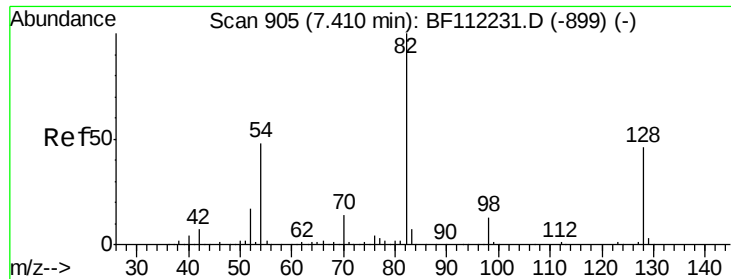
Abundance Ion 105.00 (104.70 to 105.70): E

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

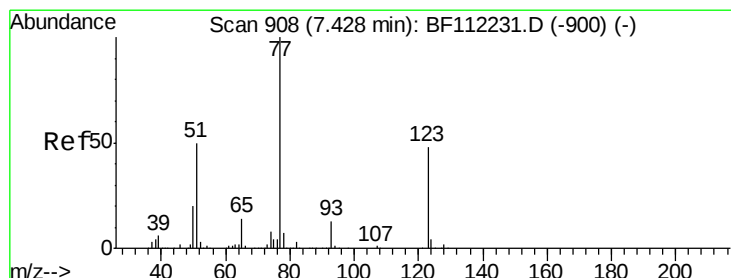
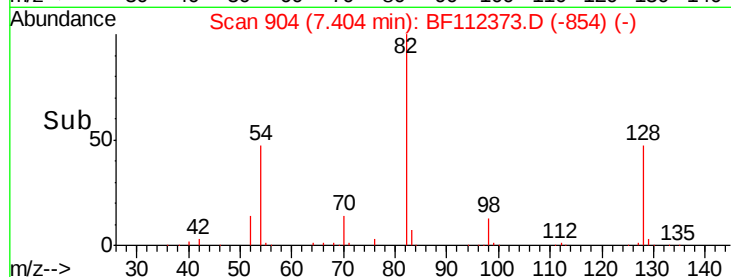
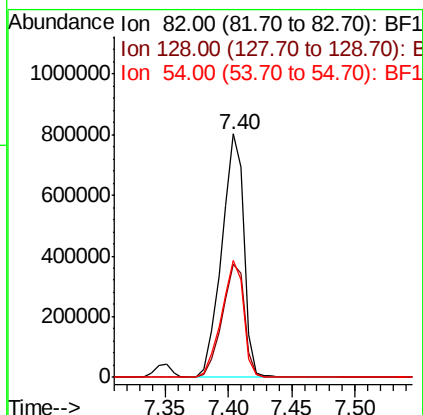
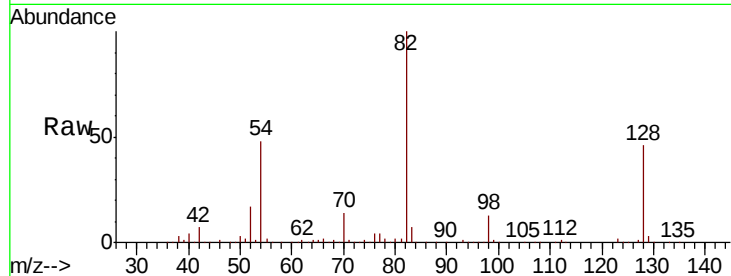




#23
 Nitrobenzene-d5
 Concen: 83.761 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

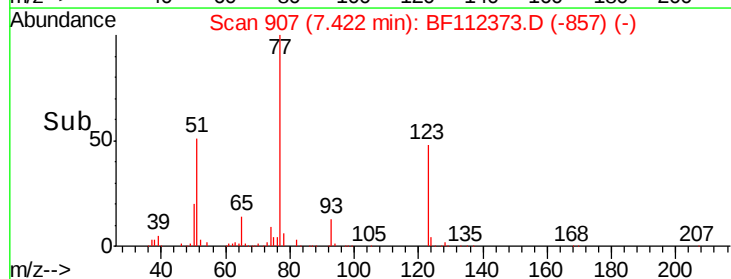
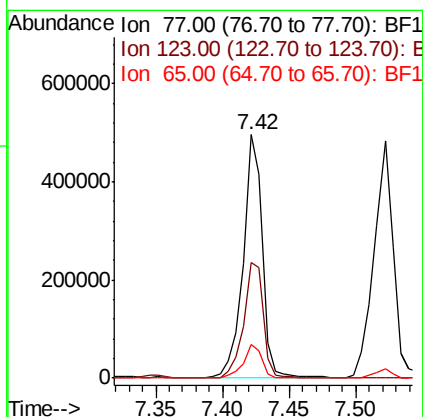
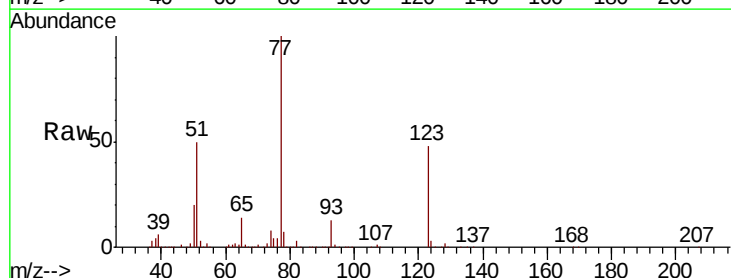
Instrument :
 BNA_F
 ClientSampleId :
 PB116745BS

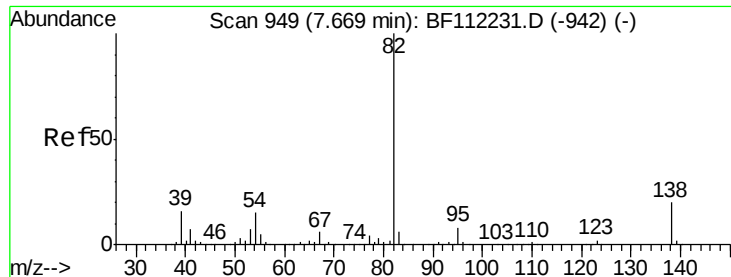
Tot Ion: 82 Resp: 976400
 Ion Ratio Lower Upper
 82 100
 128 46.4 37.8 56.8
 54 47.9 39.7 59.5



#24
 Nitrobenzene
 Concen: 41.980 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Tgt Ion: 77 Resp: 488733
 Ion Ratio Lower Upper
 77 100
 123 47.5 38.4 57.6
 65 13.7 10.6 15.8





#25

Isophorone

Concen: 47.156 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

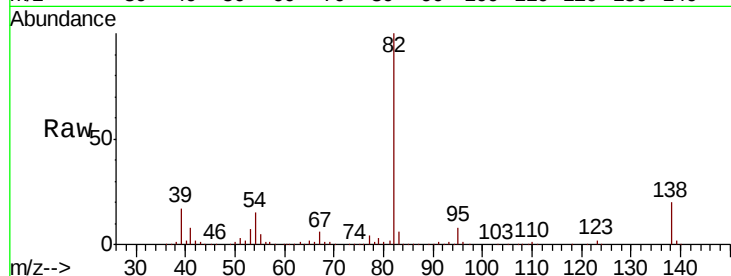
Tot Ion: 82 Resp: 862356

Ion Ratio Lower Upper

82 100

95 7.8 5.7 8.5

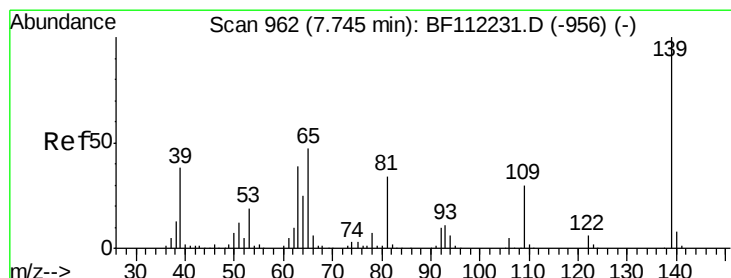
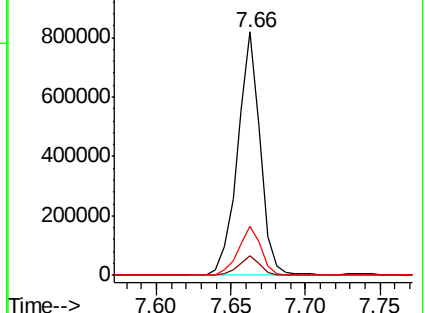
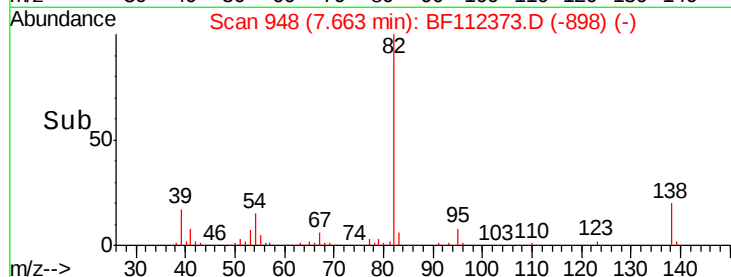
138 20.3 15.4 23.0



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: 42.232 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

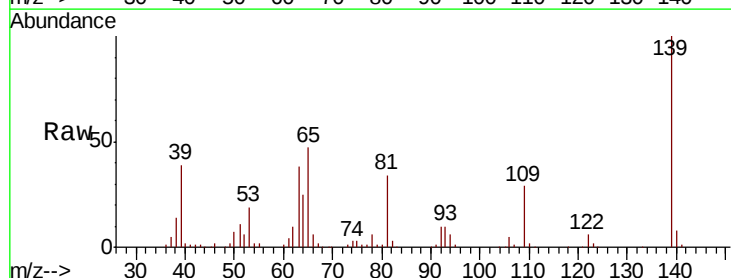
Tgt Ion: 139 Resp: 262751

Ion Ratio Lower Upper

139 100

109 28.8 20.8 31.2

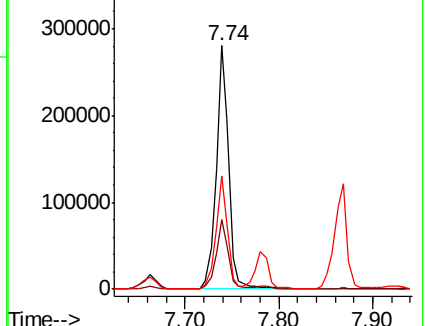
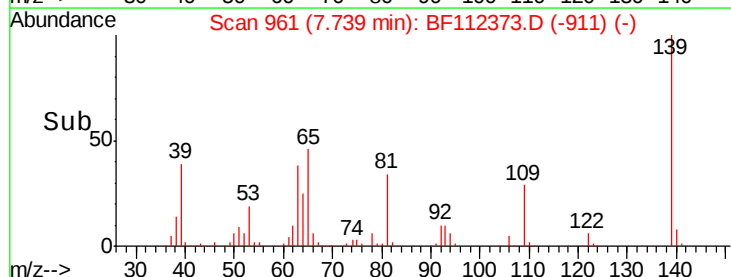
65 46.7 34.4 51.6

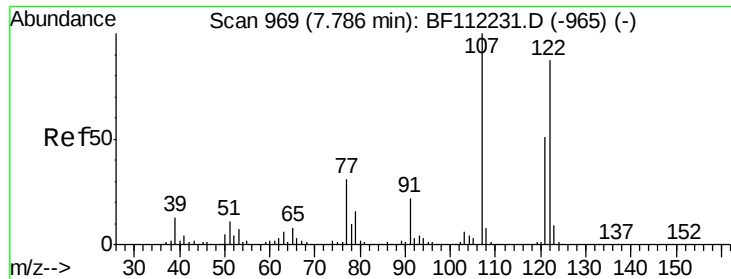


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

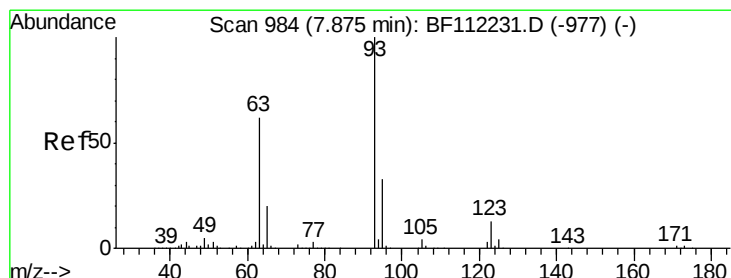
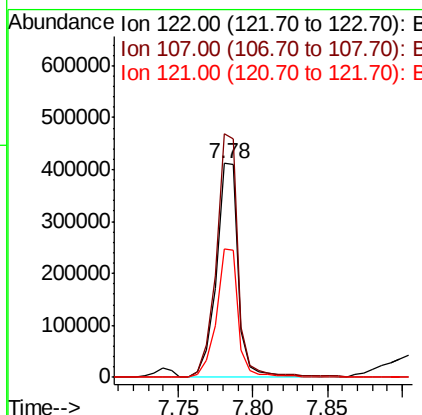
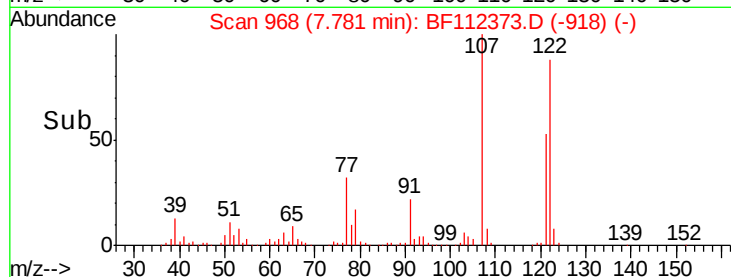
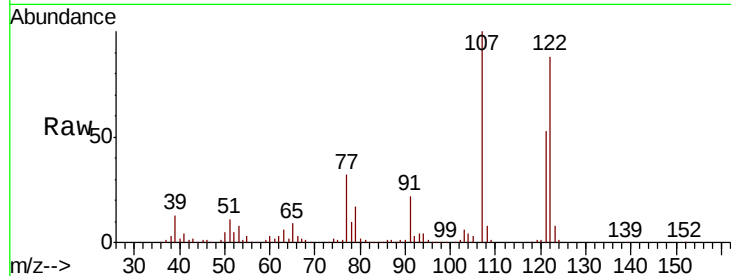




#27
2,4-Dimethylphenol
Concen: 49.289 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

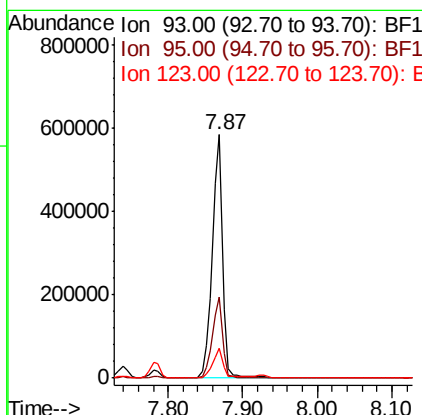
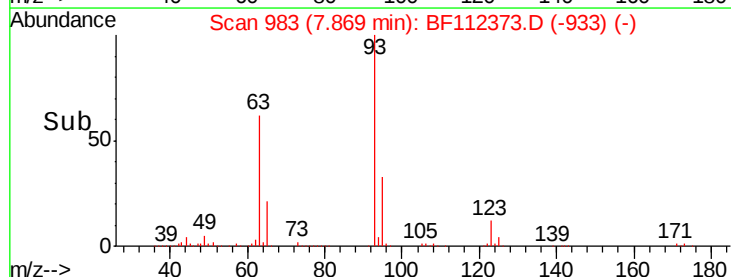
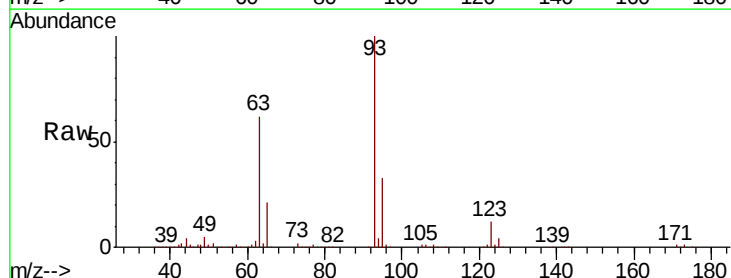
Instrument :
BNA_F
ClientSampleId :
PB116745BS

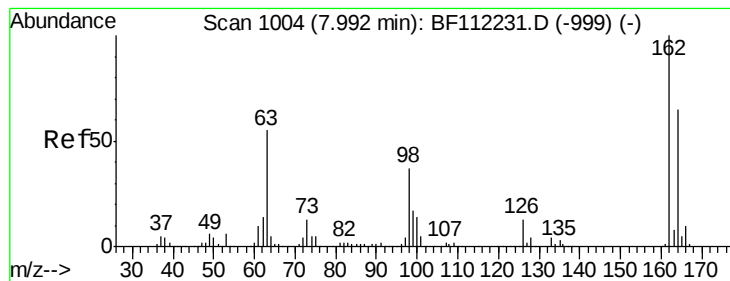
Tot Ion:122 Resp: 422500
Ion Ratio Lower Upper
122 100
107 114.0 85.4 128.0
121 60.4 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 44.405 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion: 93 Resp: 552932
Ion Ratio Lower Upper
93 100
95 33.1 26.8 40.2
123 12.4 10.2 15.2





#29

2,4-Dichlorophenol

Concen: 44.078 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

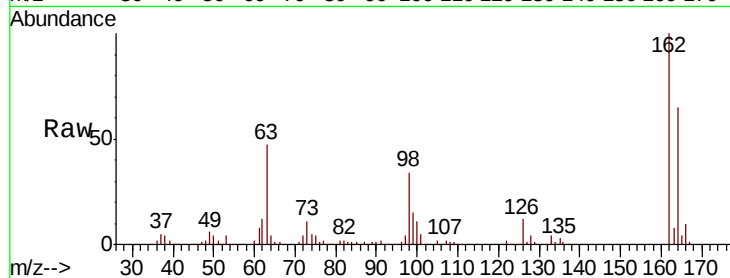
Tot Ion:162 Resp: 422825

Ion Ratio Lower Upper

162 100

164 64.9 44.6 84.6

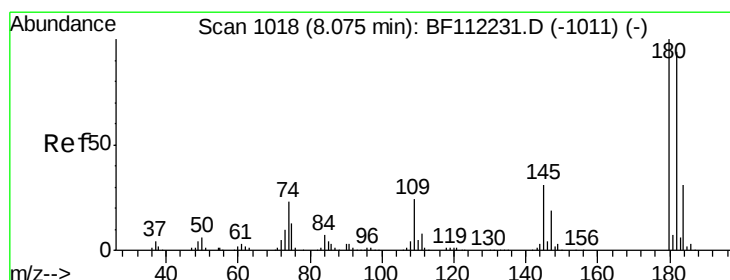
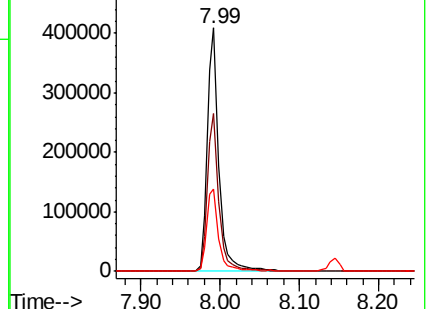
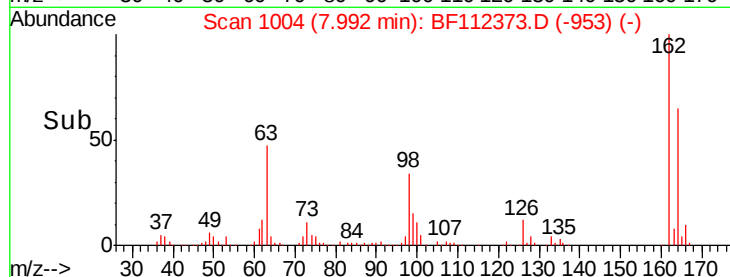
98 33.8 14.6 54.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 42.343 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

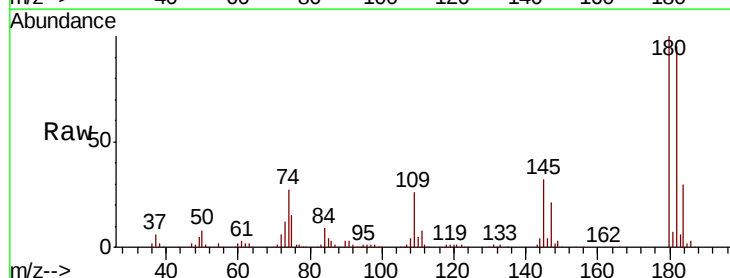
Tgt Ion:180 Resp: 466891

Ion Ratio Lower Upper

180 100

182 95.0 76.4 114.6

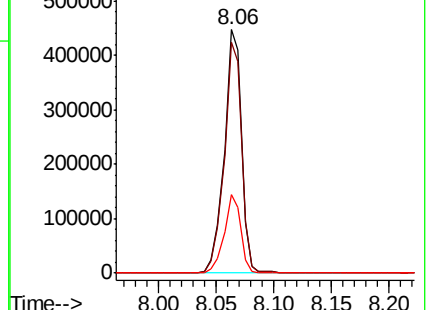
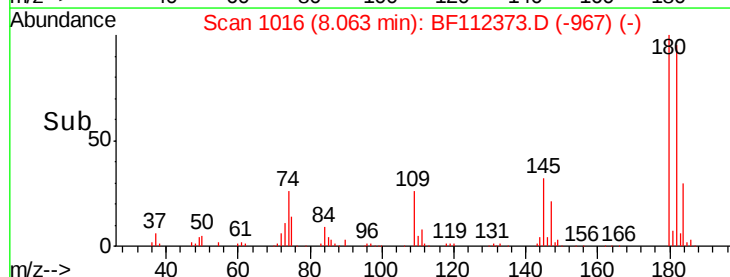
145 32.4 25.0 37.4

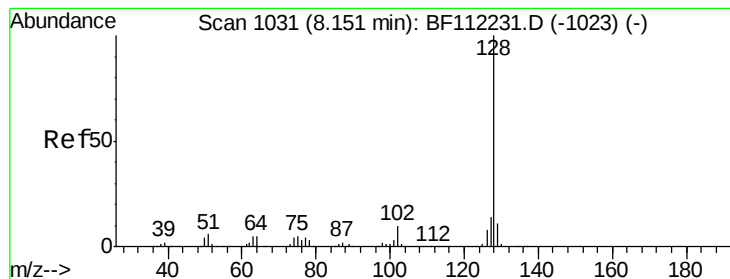


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.778 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

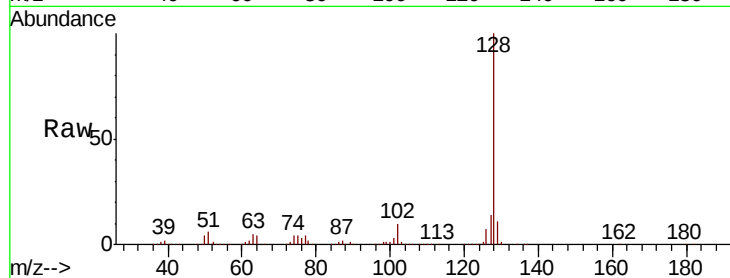
Tot Ion:128 Resp: 1406508

Ion Ratio Lower Upper

128 100

129 11.3 9.6 14.4

127 13.9 11.1 16.7

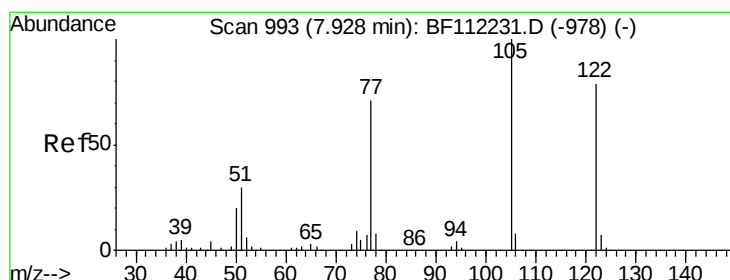
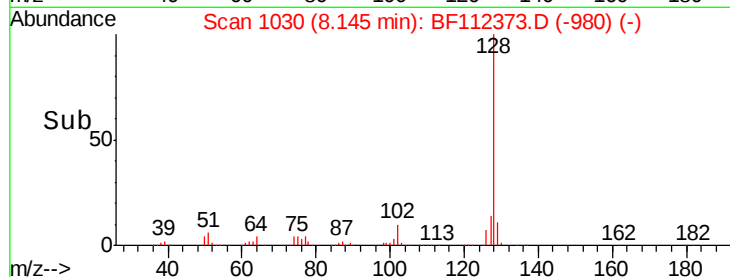
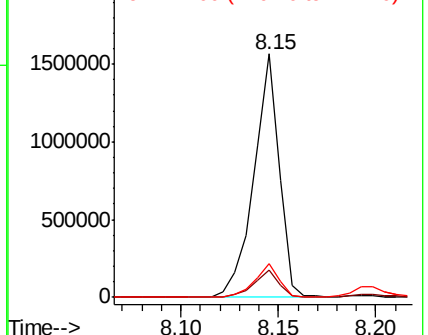


Abundance

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: 39.458 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

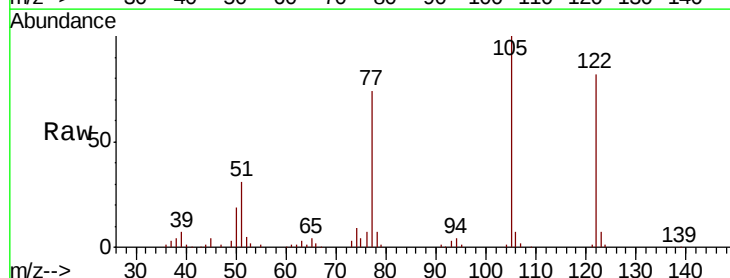
Tgt Ion:122 Resp: 192934

Ion Ratio Lower Upper

122 100

105 122.1 101.2 141.2

77 90.1 70.4 110.4

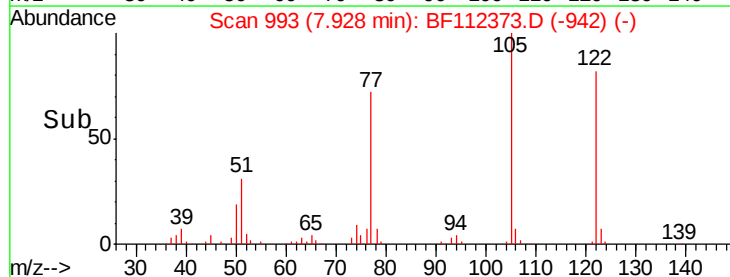
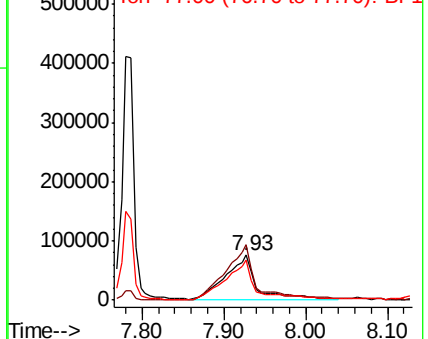


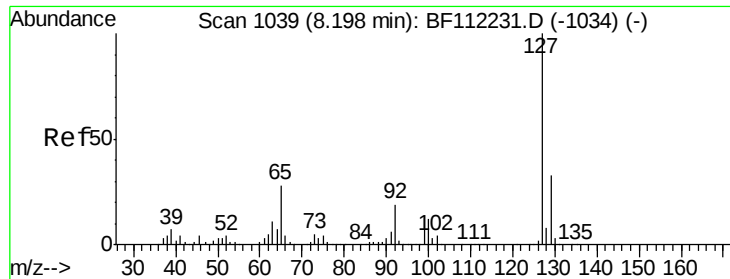
Abundance

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

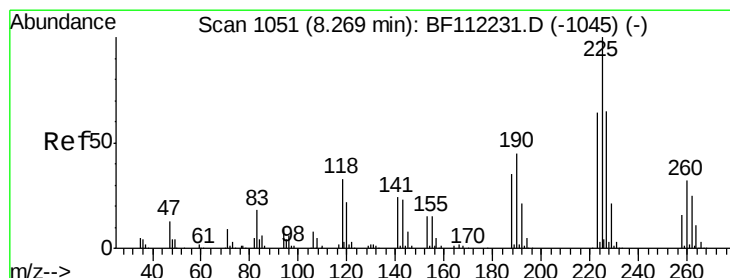
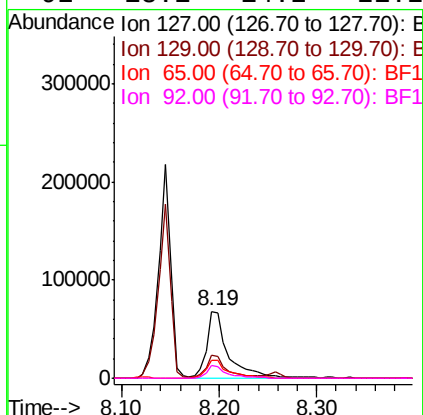
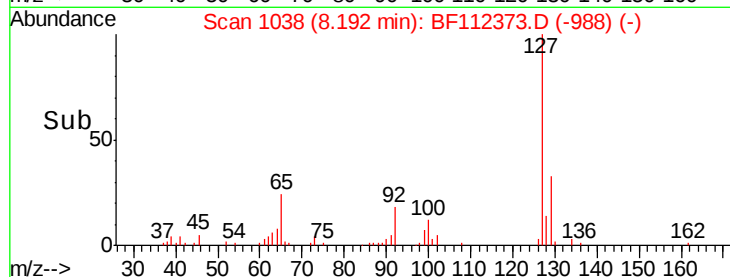
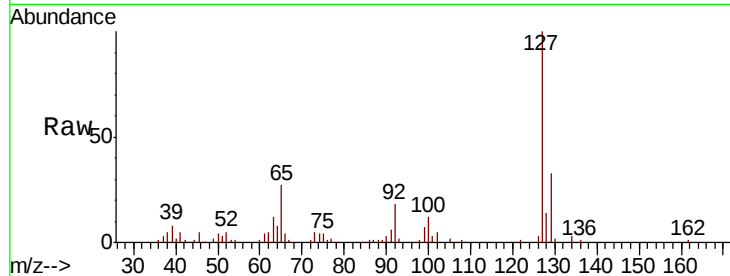




#33
4-Chloroaniline
Concen: 7.624 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

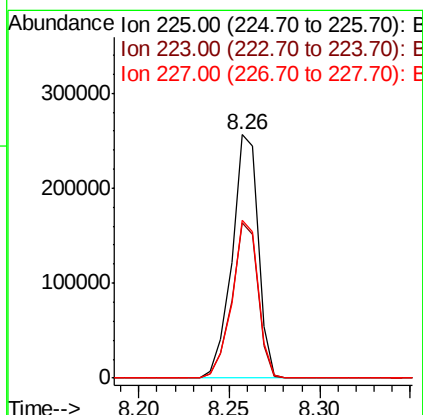
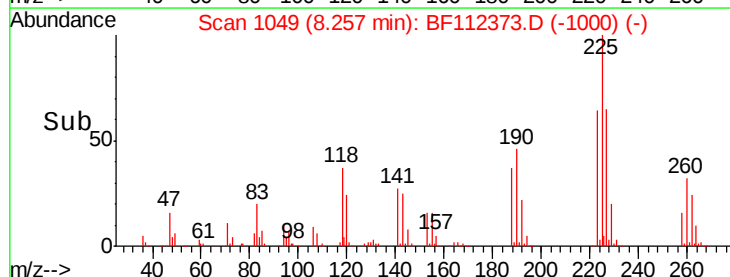
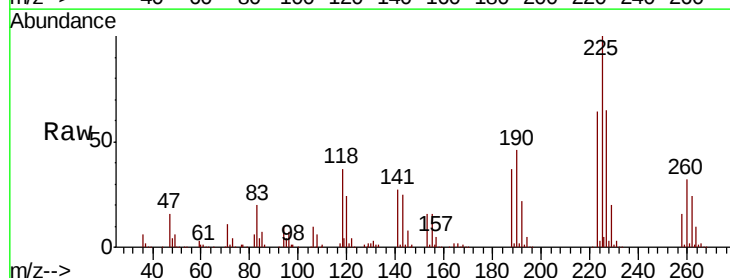
Instrument :
BNA_F
ClientSampleId :
PB116745BS

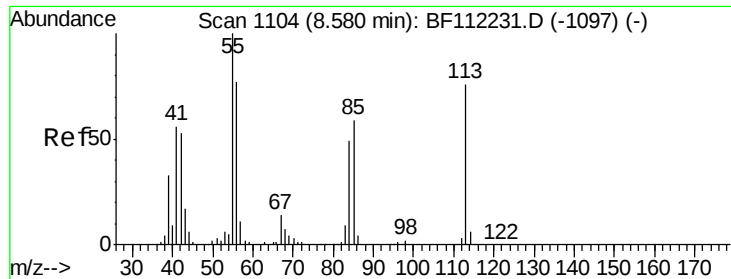
Tot Ion:	127	Resp:	104277
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.6	39.8
65	26.9	21.4	32.2
92	18.1	14.2	21.2



#34
Hexachlorobutadiene
Concen: 39.954 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion:	225	Resp:	258520
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.3	75.5
227	65.0	51.8	77.8





#35

Caprolactam

Concen: 25.755 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

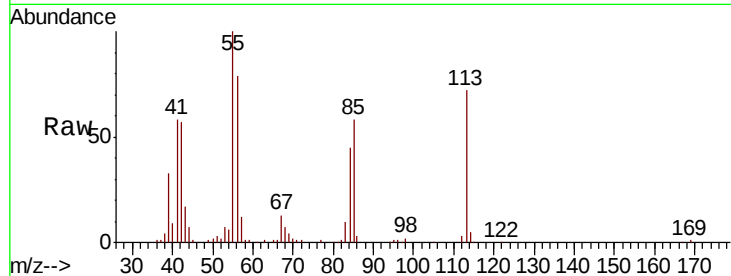
Tot Ion:113 Resp: 87155

Ion Ratio Lower Upper

113 100

55 138.0 121.6 161.6

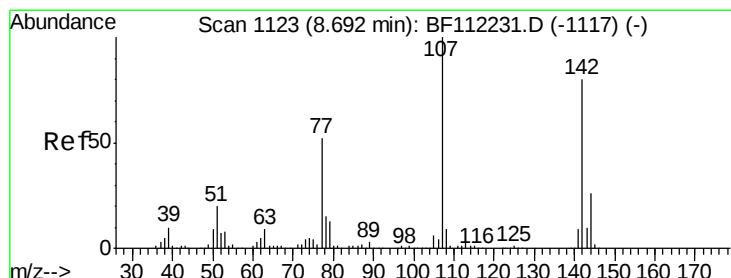
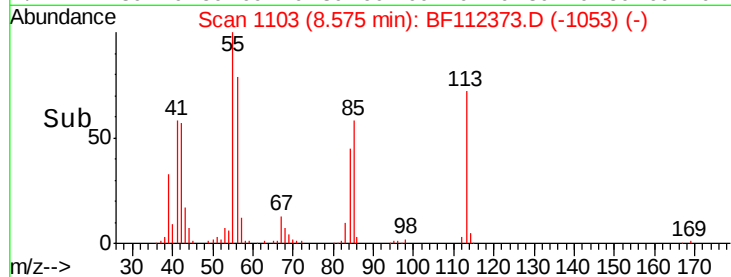
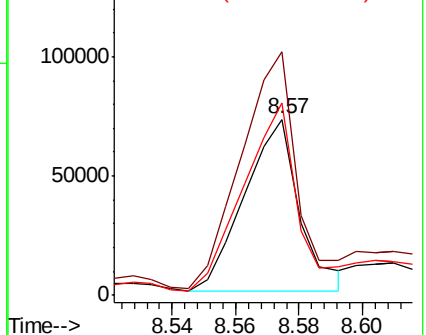
56 109.0 86.7 126.7



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: 41.825 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

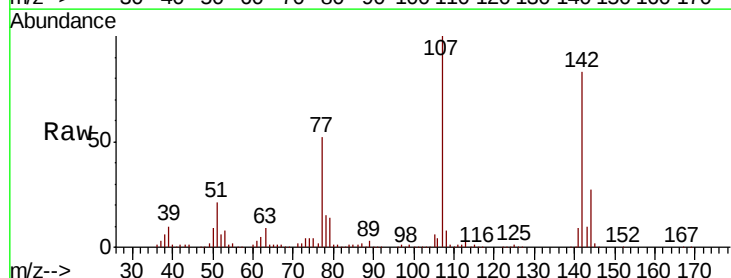
Tgt Ion:107 Resp: 424731

Ion Ratio Lower Upper

107 100

144 26.8 22.2 33.2

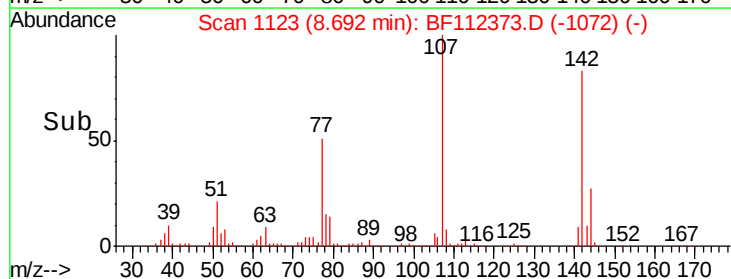
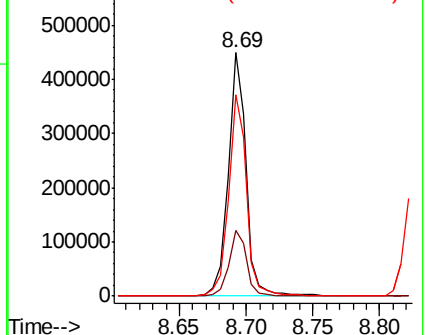
142 82.9 67.7 101.5

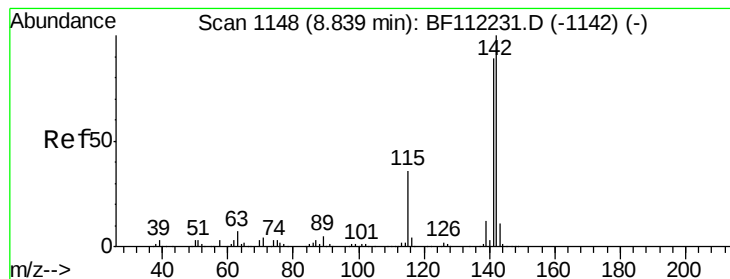


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.199 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

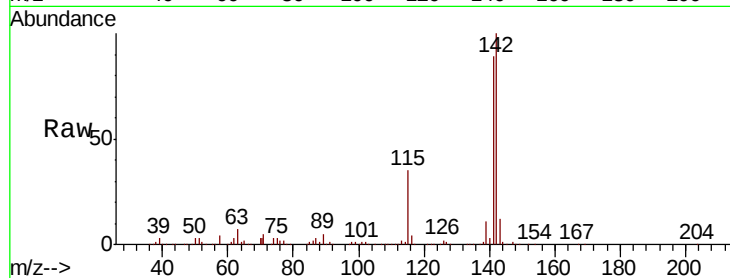
Tot Ion:142 Resp: 993419

Ion Ratio Lower Upper

142 100

141 89.3 70.9 106.3

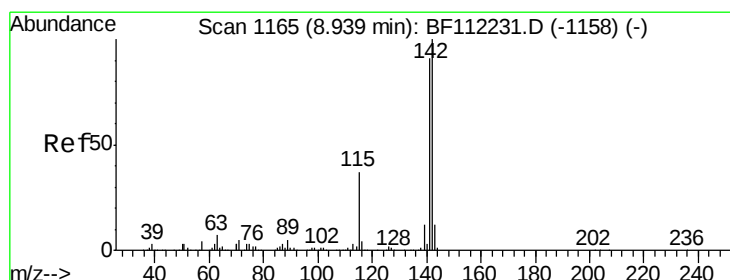
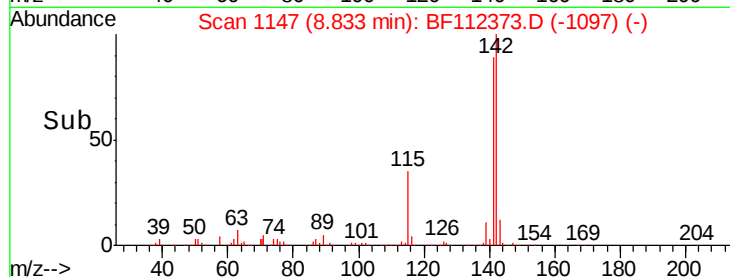
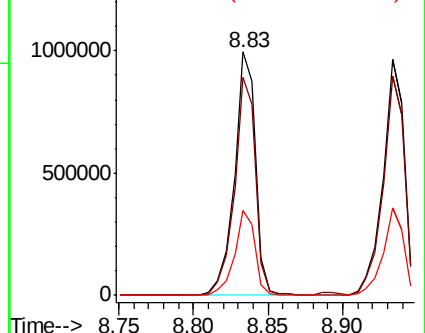
115 35.1 24.9 37.3



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: 45.386 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

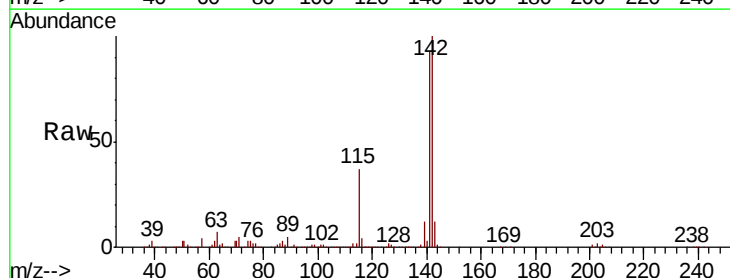
Tgt Ion:142 Resp: 935413

Ion Ratio Lower Upper

142 100

141 92.9 72.6 108.8

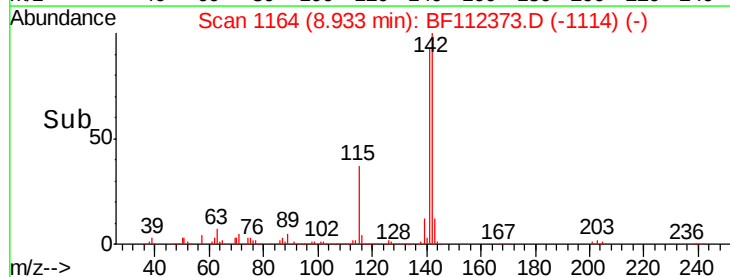
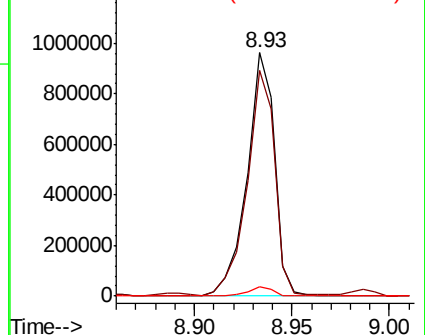
116 3.9 2.8 4.2

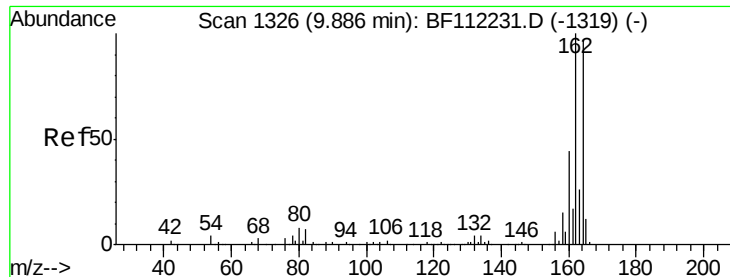


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

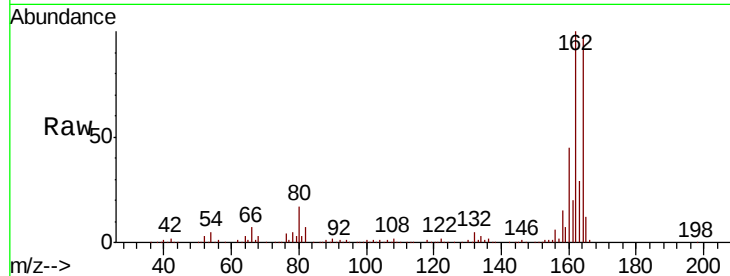




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.2	123.4
160	47.0	36.2	54.4

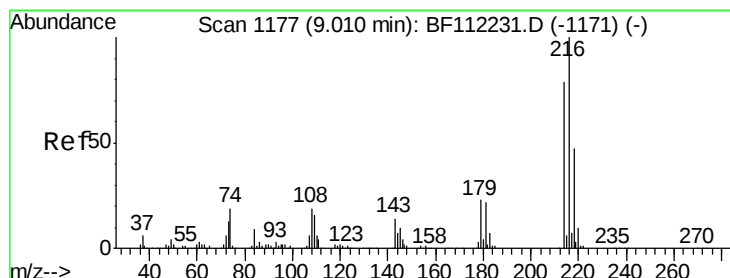
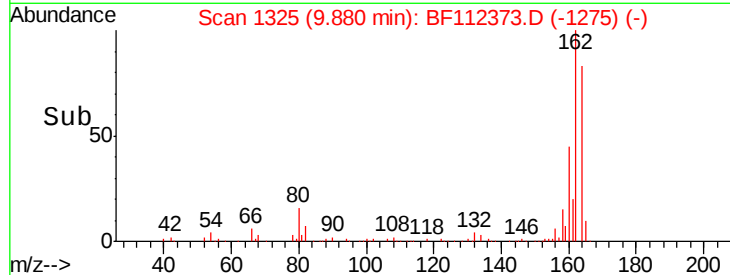
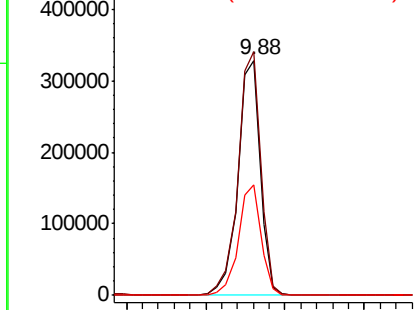


Abundance

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: 43.588 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.8	95.6
179	21.7	16.9	25.3
108	18.1	14.2	21.4

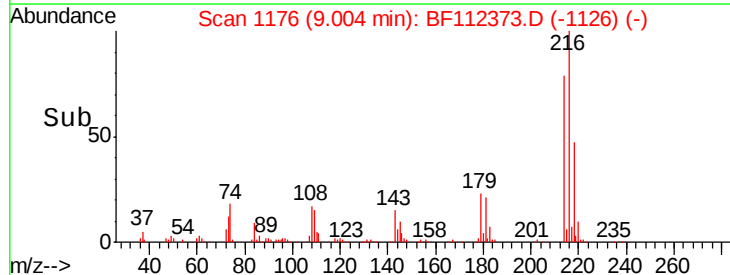
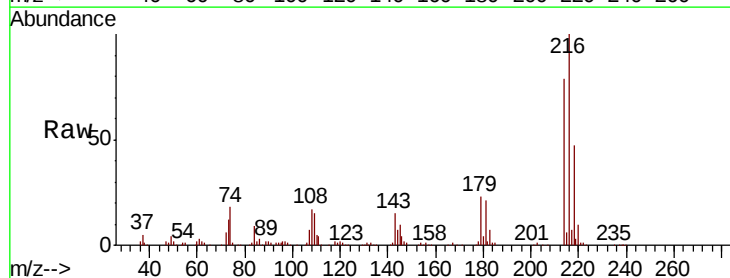
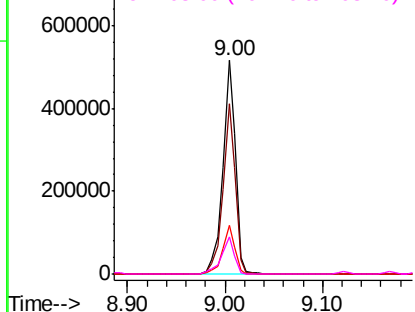
Abundance

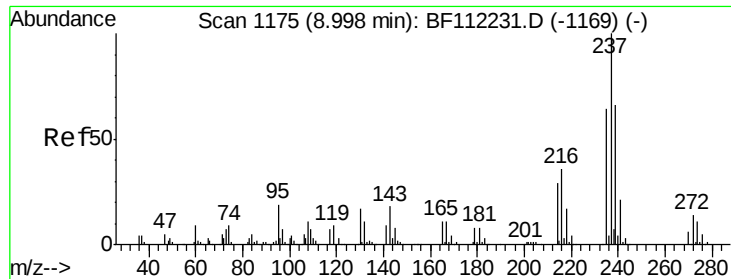
Ion 216.00 (215.70 to 216.70): E

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: 43.386 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

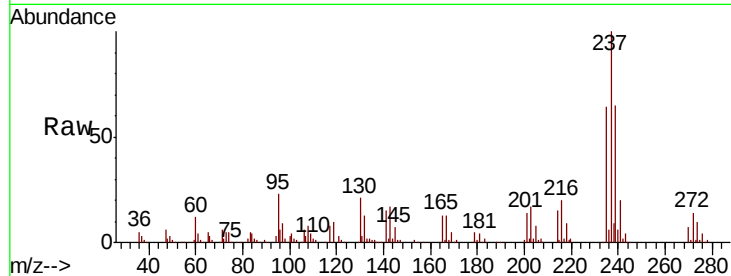
Tot Ion:237 Resp: 153851

Ion Ratio Lower Upper

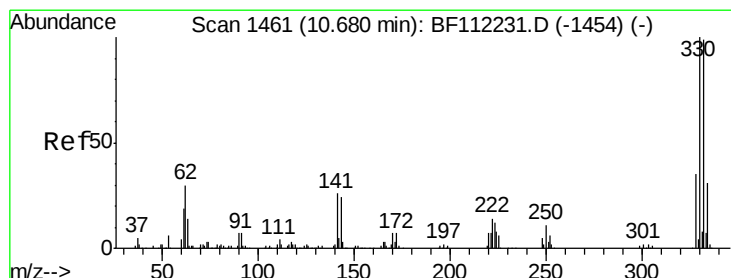
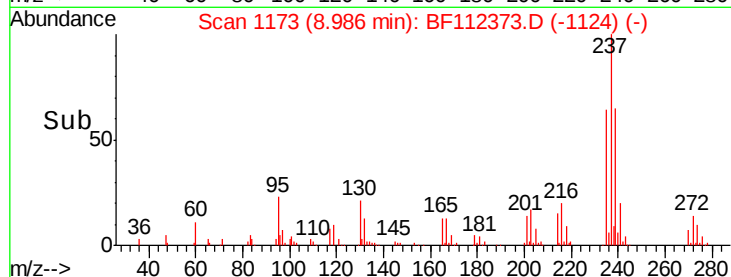
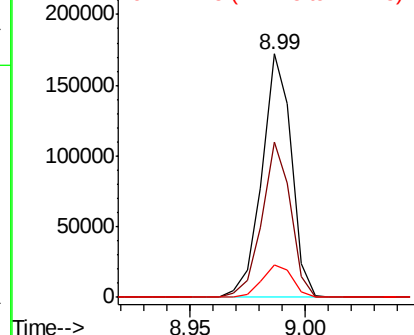
237 100

235 63.6 44.0 84.0

272 13.5 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: 83.739 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

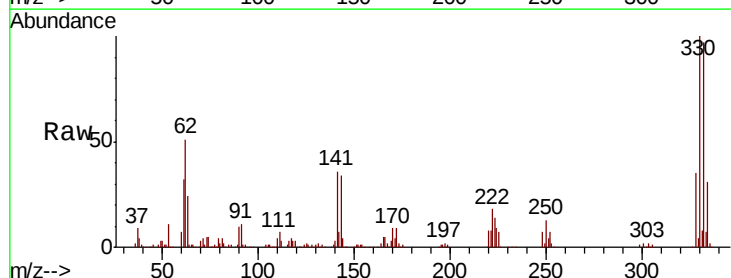
Tgt Ion:330 Resp: 313423

Ion Ratio Lower Upper

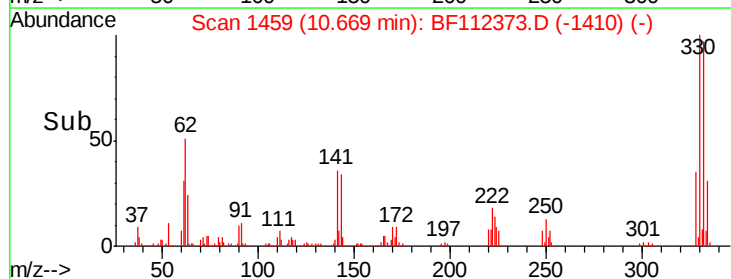
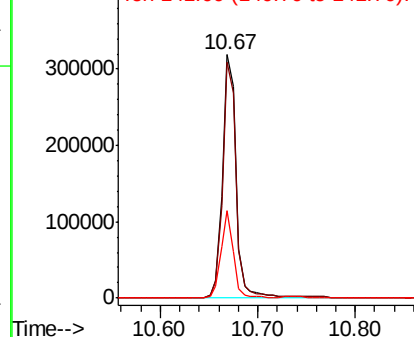
330 100

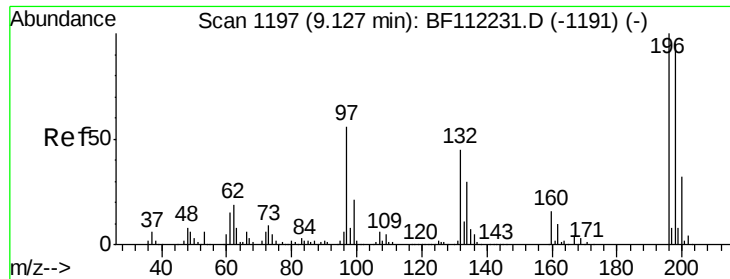
332 96.3 76.6 114.8

141 32.2 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

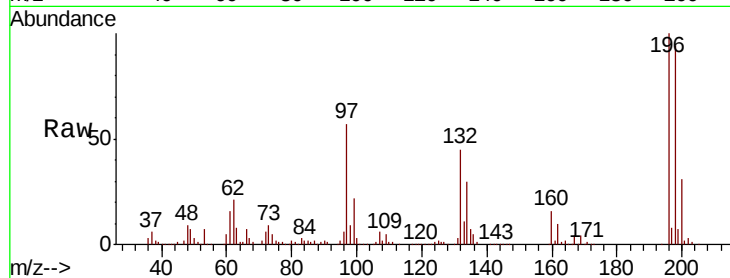




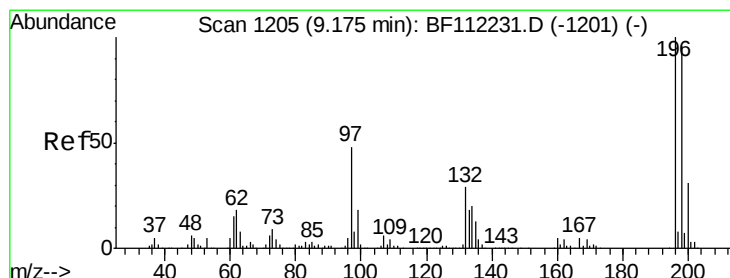
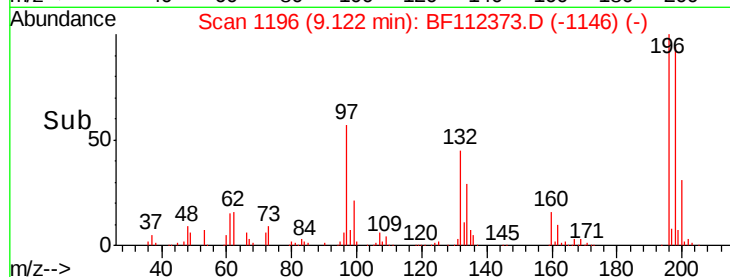
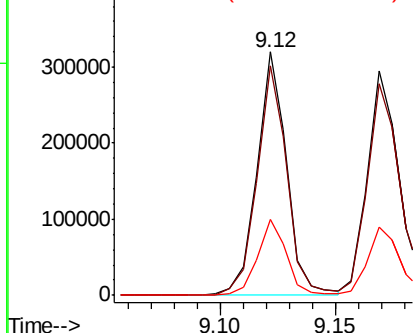
#43
 2,4,6-Trichlorophenol
 Concen: 44.057 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BS

Tot Ion:196 Resp: 286724
 Ion Ratio Lower Upper
 196 100
 198 94.3 76.2 114.4
 200 31.2 24.3 36.5

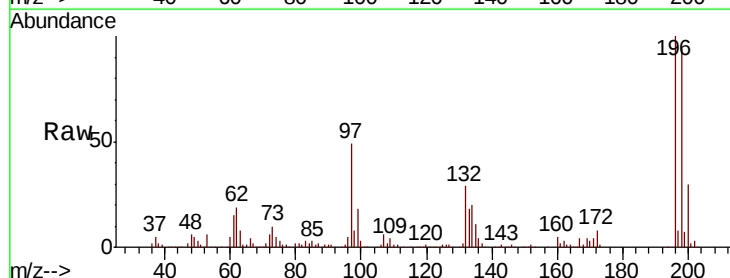


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

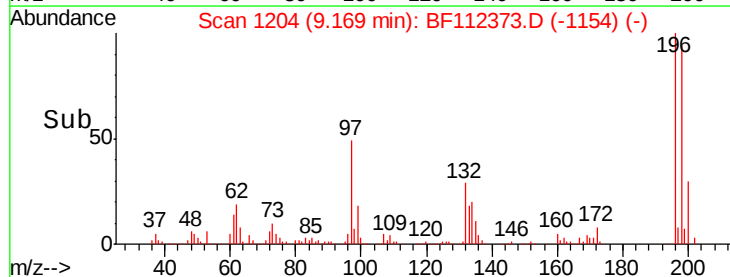
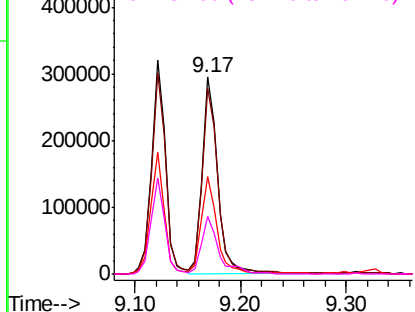


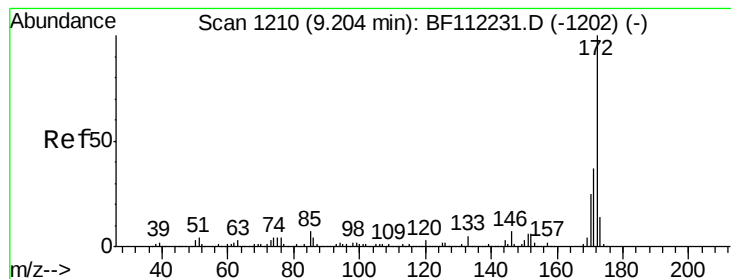
#44
 2,4,5-Trichlorophenol
 Concen: 43.906 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Tgt Ion:196 Resp: 298639
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.0 114.0
 97 49.4 36.4 54.6
 132 29.4 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: 86.180 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

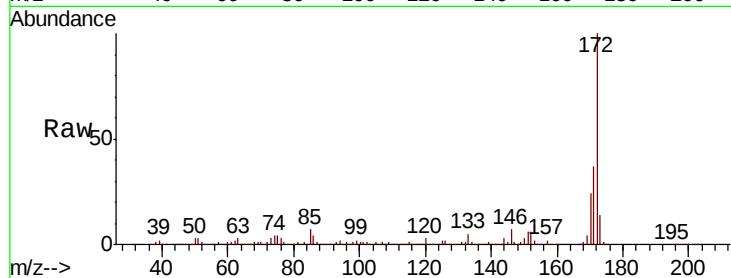
Tot Ion:172 Resp: 1959363

Ion Ratio Lower Upper

172 100

171 37.4 30.5 45.7

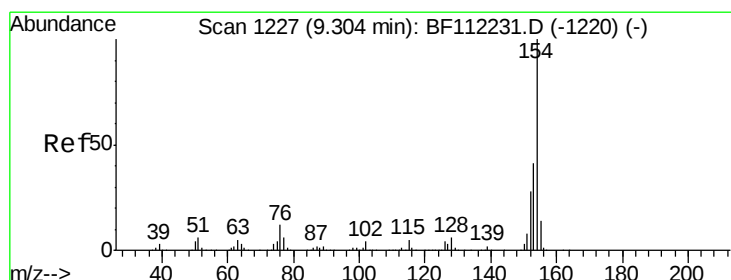
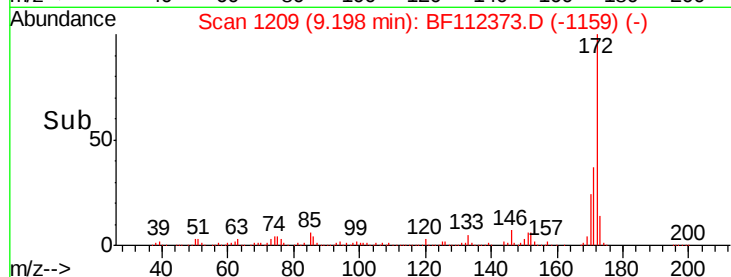
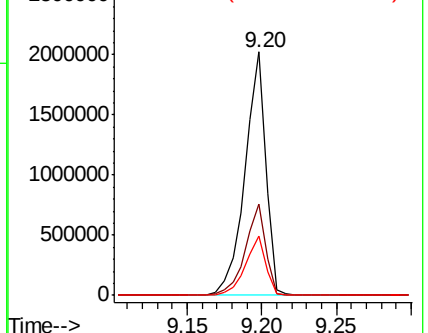
170 24.4 20.2 30.4



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: 43.102 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

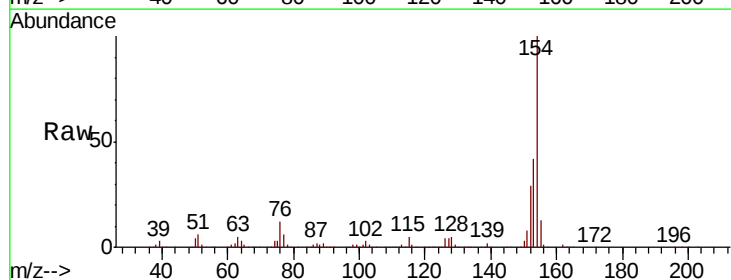
Tgt Ion:154 Resp: 1211685

Ion Ratio Lower Upper

154 100

153 42.0 21.5 61.5

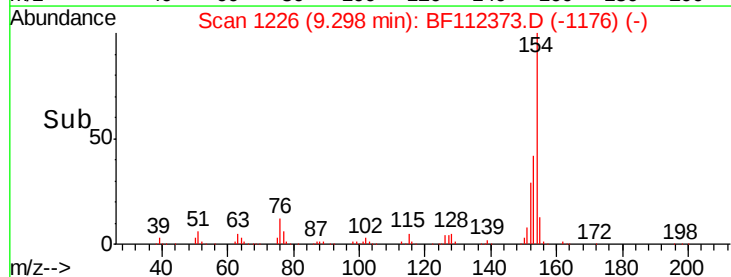
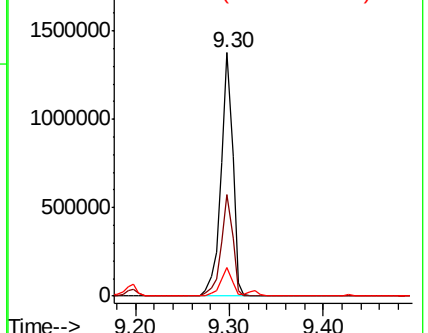
76 11.8 0.0 33.1

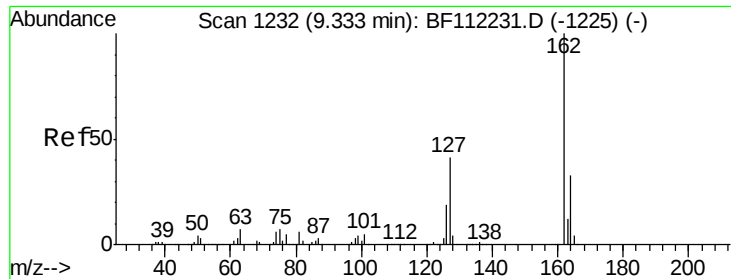


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

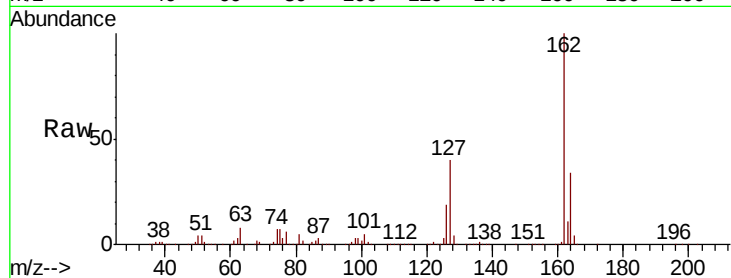




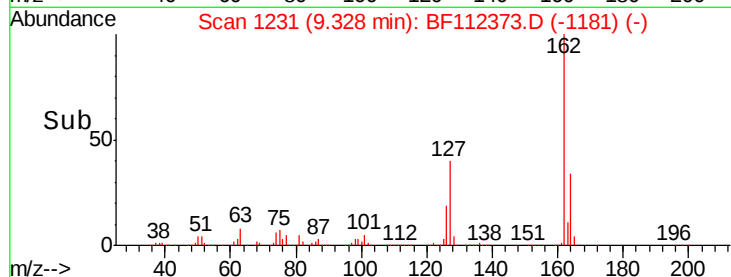
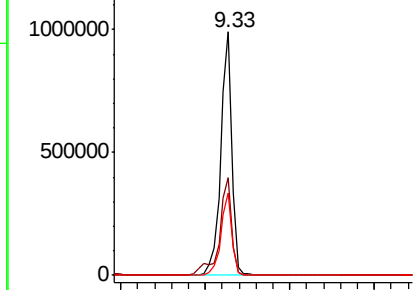
#47
 2-Chloronaphthalene
 Concen: 42.302 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	30.4	45.6
164	33.6	27.4	41.2

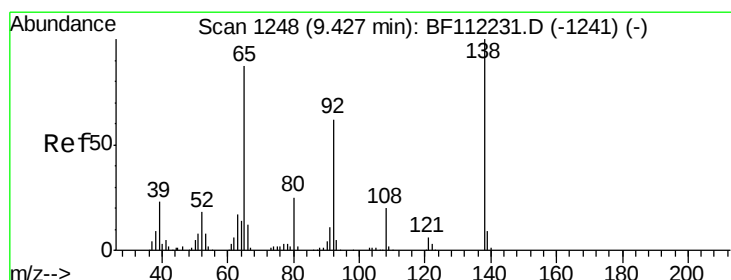


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

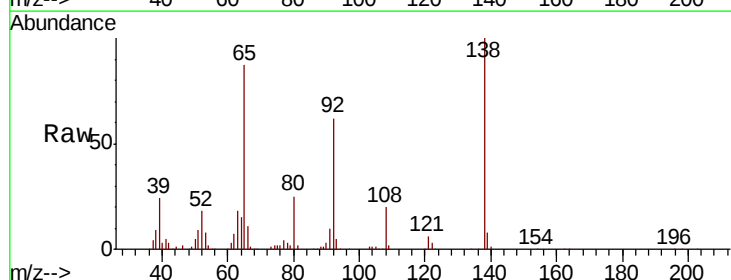
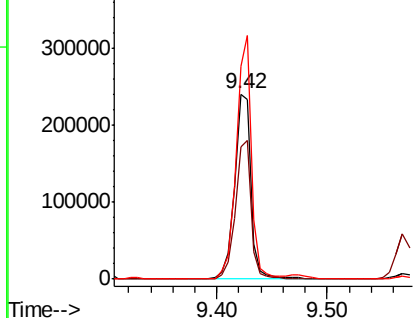


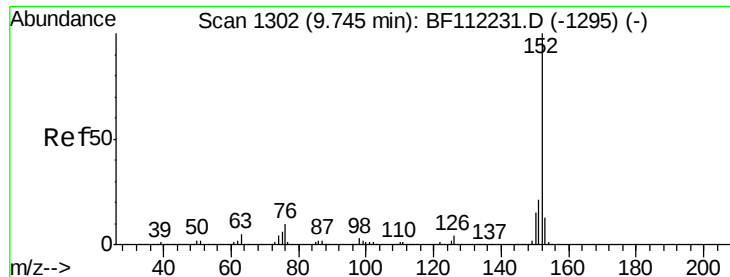
#48
 2-Nitroaniline
 Concen: 42.374 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	60.4	90.6
138	114.6	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: 45.252 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

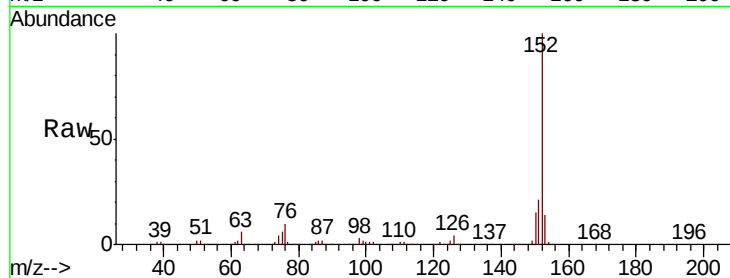
BNA_F

ClientSampleId :

PB116745BS

Tot Ion:152 Resp: 1445907

Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.0	25.6
153	13.6	11.2	16.8

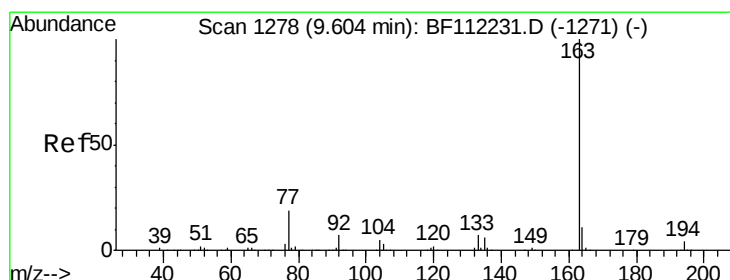
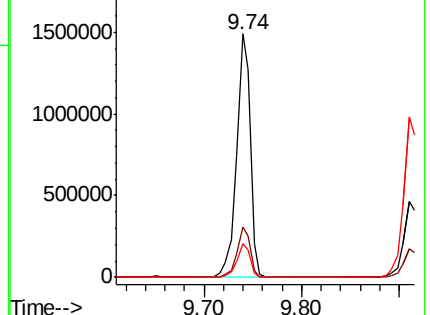
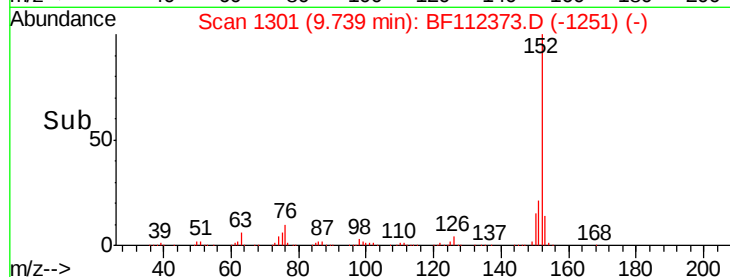


Abundance

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: 44.571 ng

RT: 9.60 min Scan# 1277

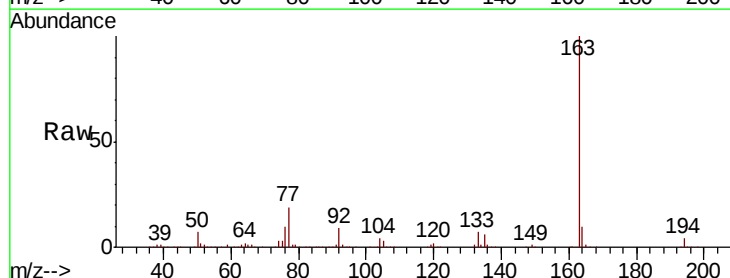
Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Tgt Ion:163 Resp: 1113551

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.2	8.5	12.7

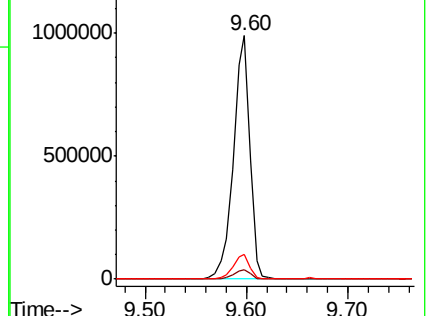
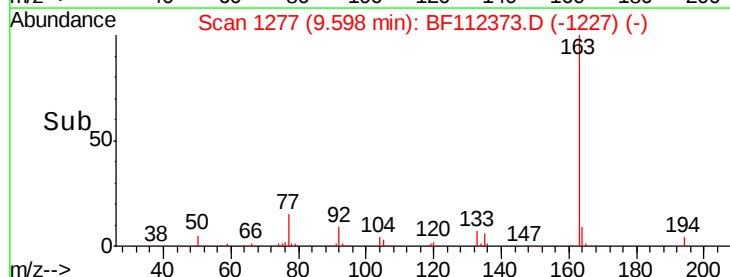


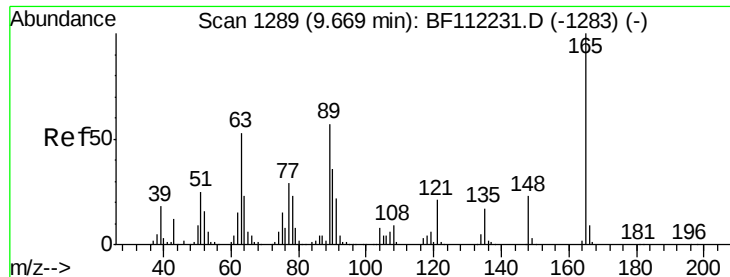
Abundance

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: 44.267 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

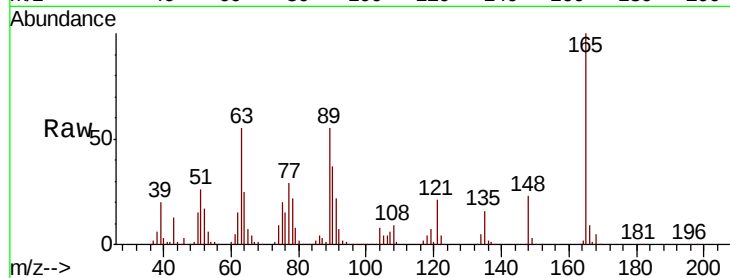
Tot Ion:165 Resp: 247690

Ion Ratio Lower Upper

165 100

63 54.7 33.8 50.8#

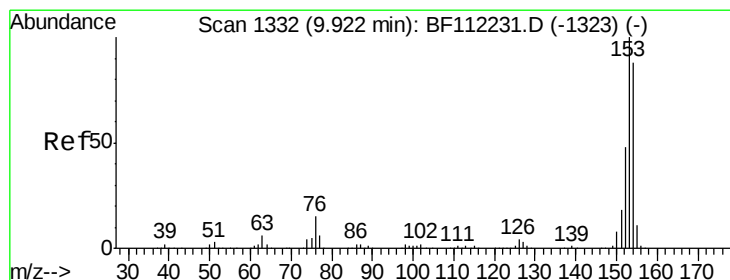
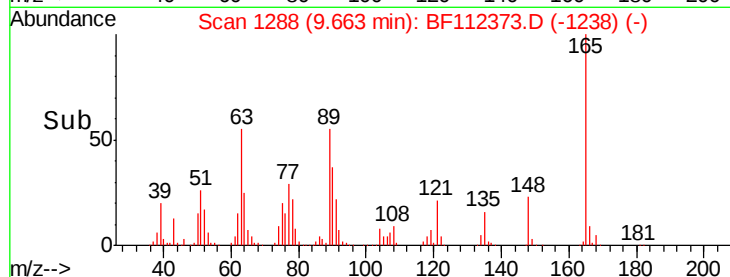
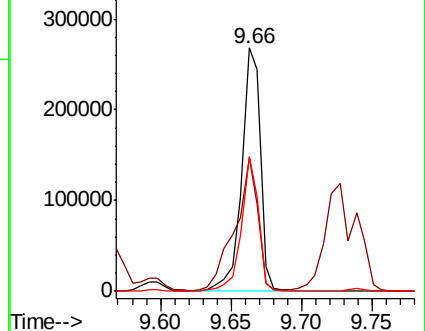
89 55.1 36.9 55.3



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: 43.465 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

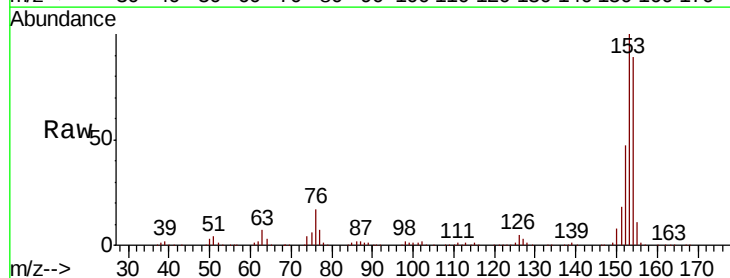
Tgt Ion:154 Resp: 829637

Ion Ratio Lower Upper

154 100

153 112.5 89.8 134.6

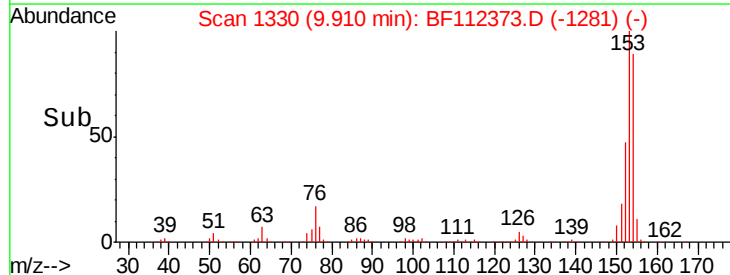
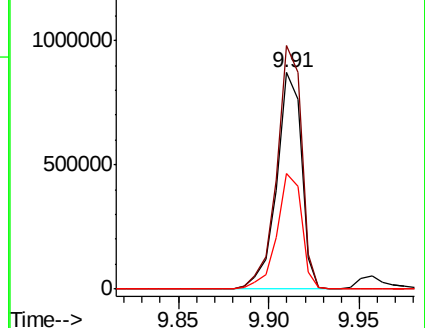
152 53.3 43.5 65.3

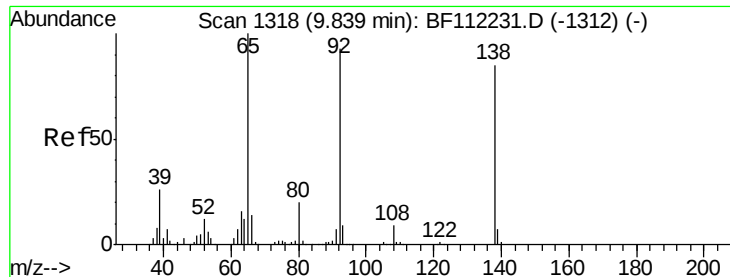


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

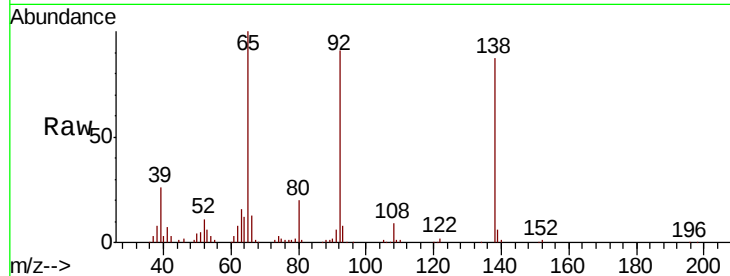




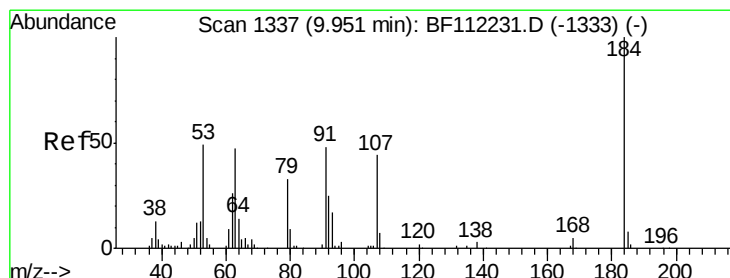
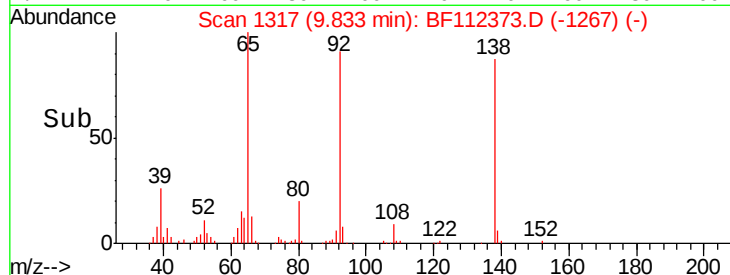
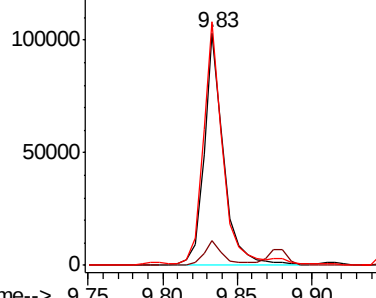
#53
3-Nitroaniline
Concen: 15.693 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion:138 Resp: 95130
Ion Ratio Lower Upper
138 100
108 10.4 9.8 14.6
92 104.6 79.4 119.2

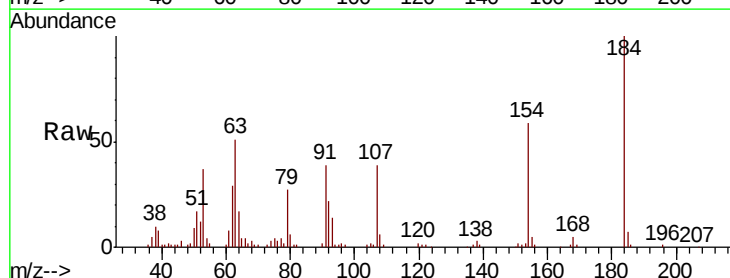


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

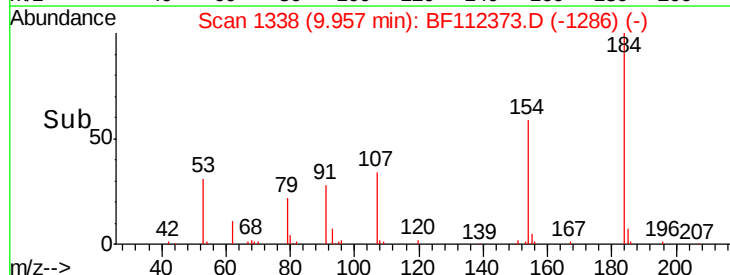
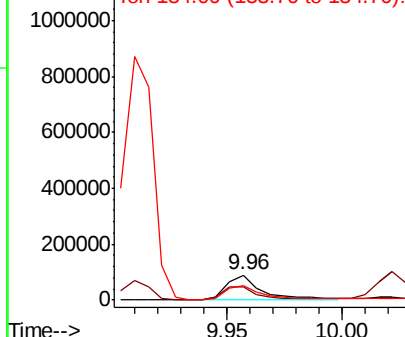


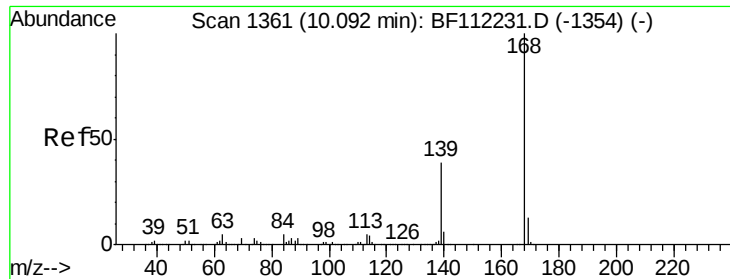
#54
2,4-Dinitrophenol
Concen: 53.726 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion:184 Resp: 96476
Ion Ratio Lower Upper
184 100
63 50.8 47.1 70.7
154 59.5 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

Dibenzenofuran

Concen: 42.965 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

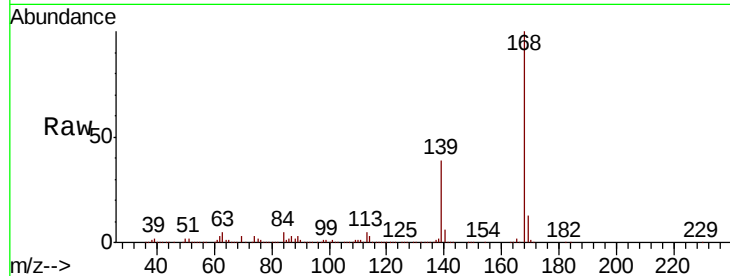
Tot Ion:168 Resp: 1253215

Ion Ratio Lower Upper

168 100

139 39.5 29.2 43.8

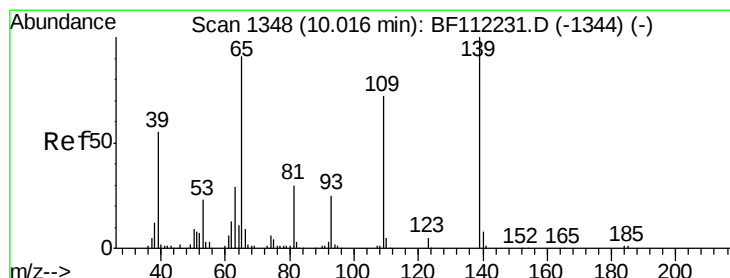
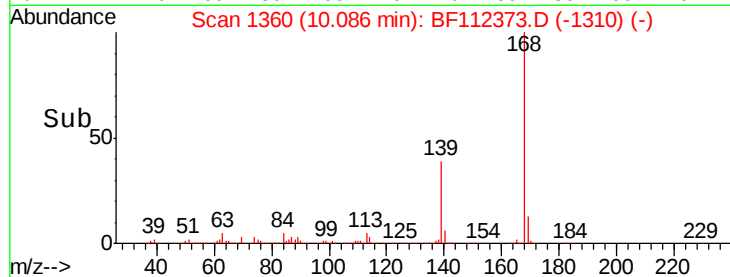
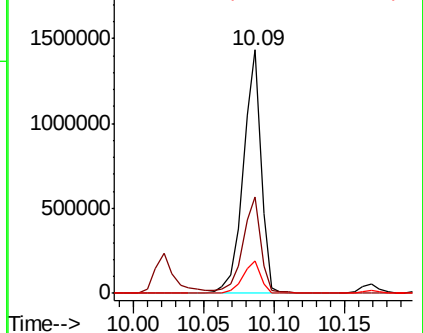
169 13.4 11.4 17.0



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: 73.815 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

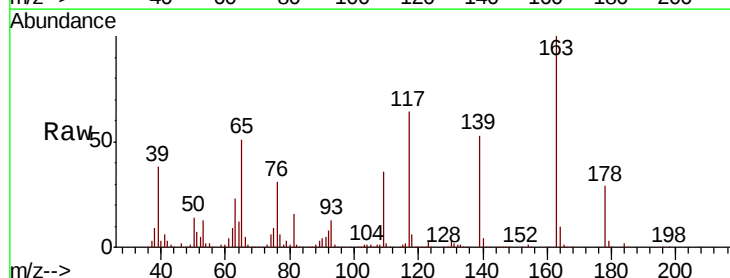
Tgt Ion:139 Resp: 236566

Ion Ratio Lower Upper

139 100

109 68.0 42.8 82.8

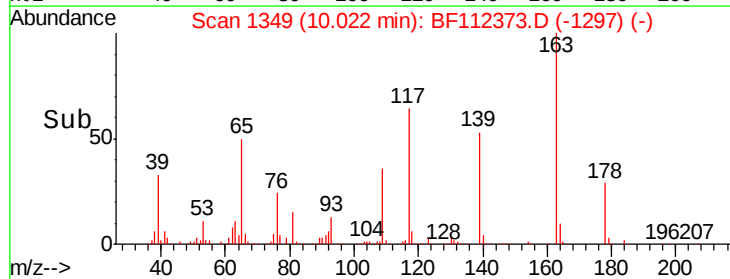
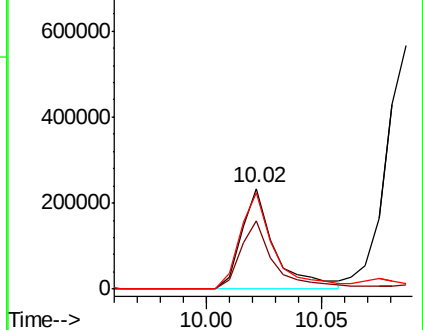
65 95.2 66.1 106.1

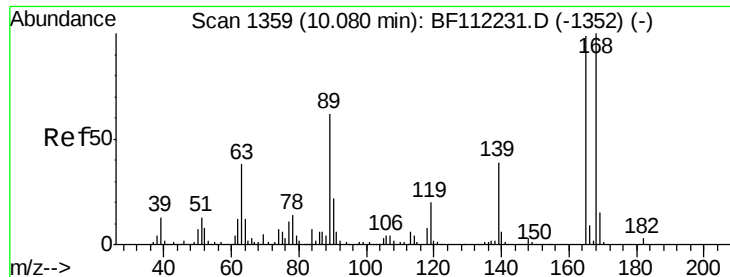


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 43.210 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

Tot Ion:165 Resp: 307797

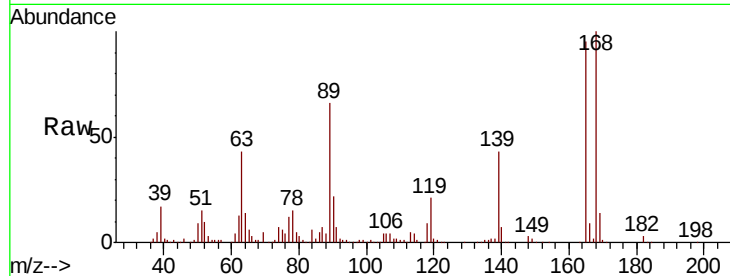
Ion Ratio Lower Upper

165 100

63 45.2 27.9 41.9#

89 69.7 47.9 71.9

182 2.7 2.2 3.4

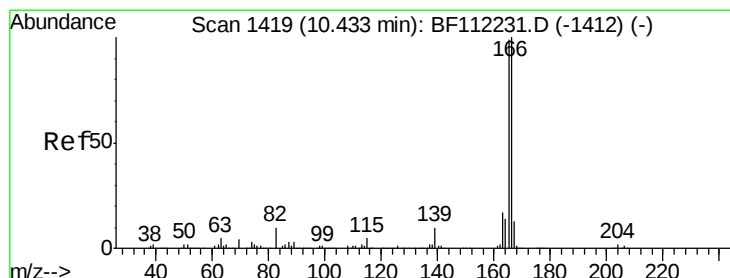
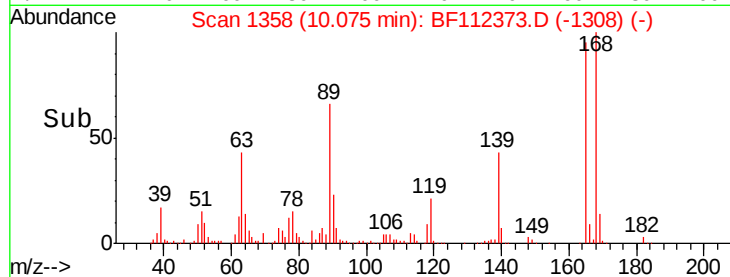
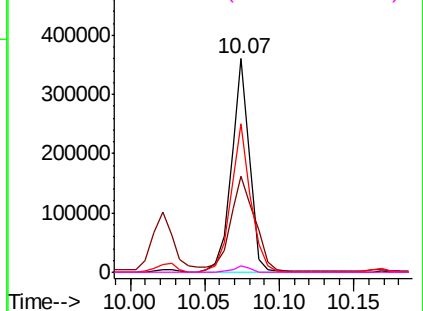


Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.428 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

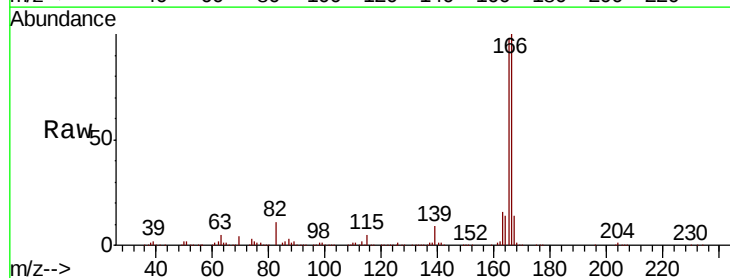
Tgt Ion:166 Resp: 991574

Ion Ratio Lower Upper

166 100

165 98.3 77.1 115.7

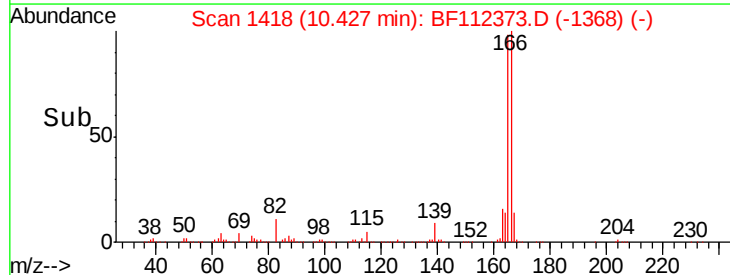
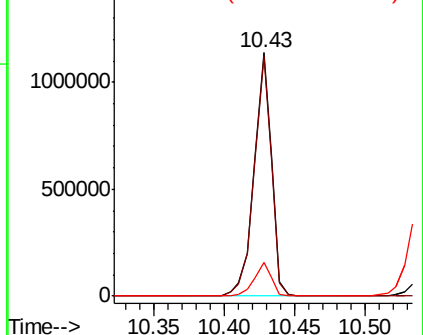
167 13.7 11.3 16.9

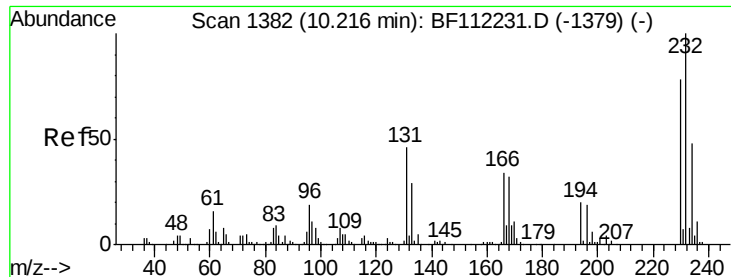


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

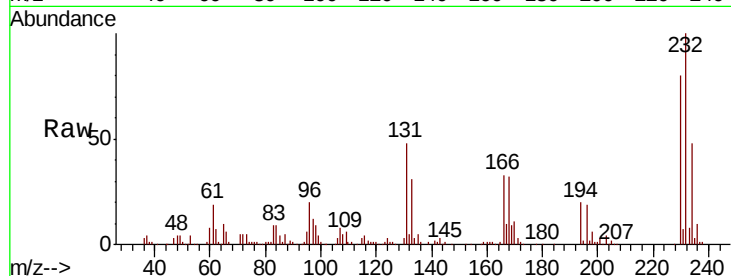




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.965 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.2	33.9	50.9
130	2.7	1.8	2.6
166	31.4	23.6	35.4



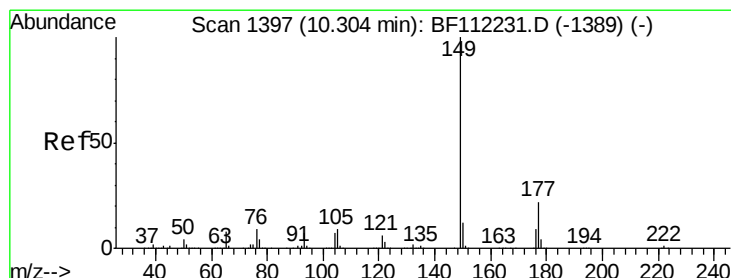
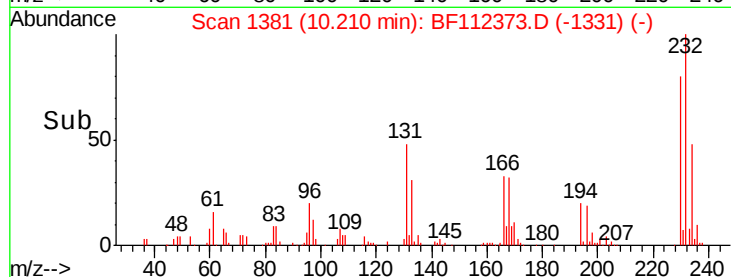
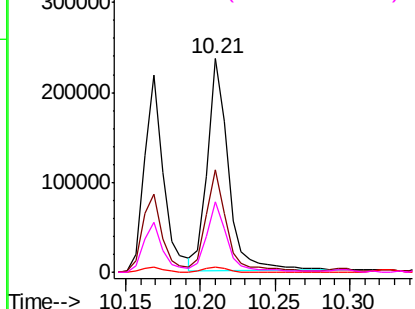
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

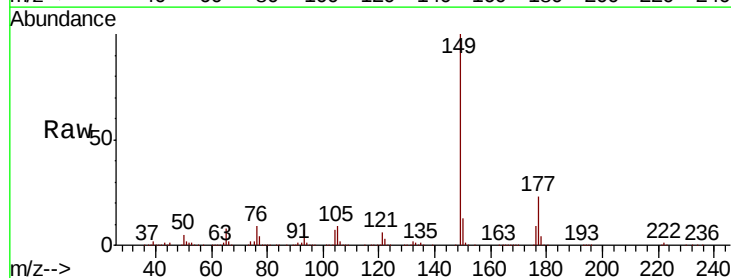
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 44.753 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.2	27.2
150	12.6	10.4	15.6

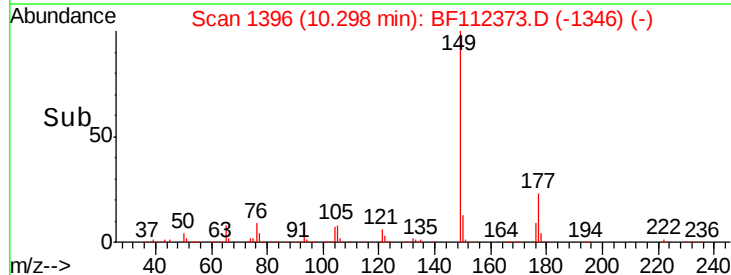
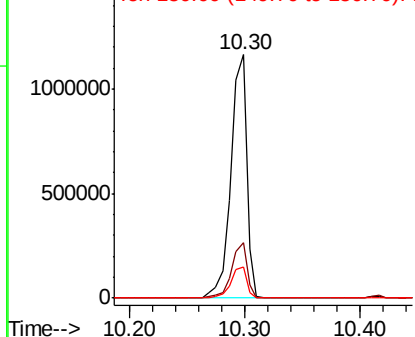


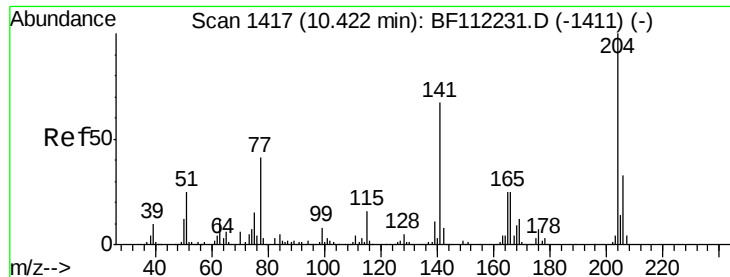
Abundance

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

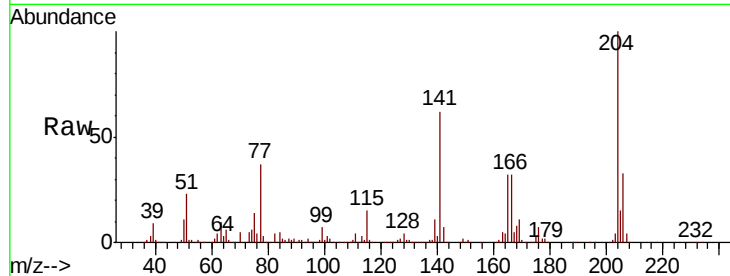




#61
4-Chlorophenyl-phenylether
Concen: 41.963 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	62.1	45.9	68.9

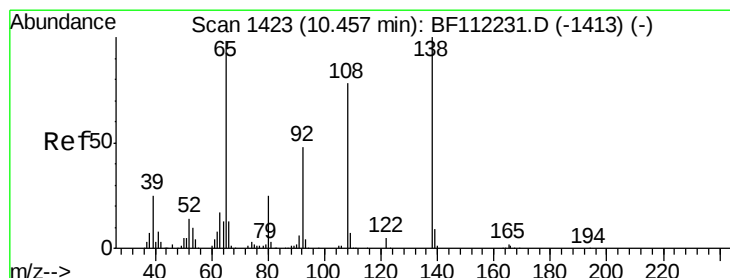
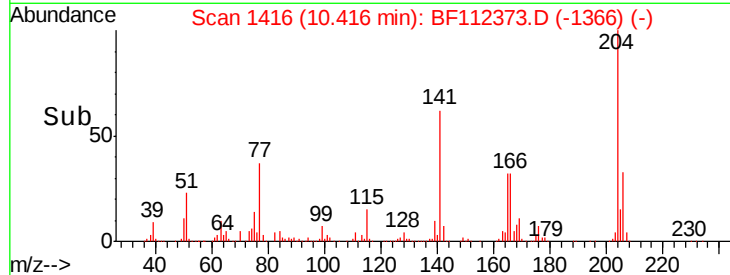
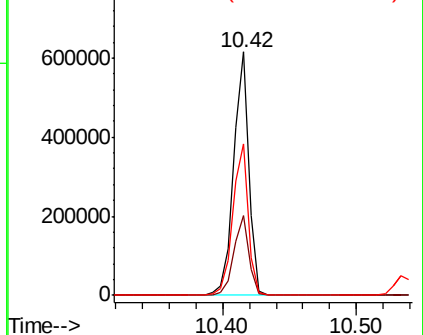


Abundance

Ion 204.00 (203.70 to 204.70): E

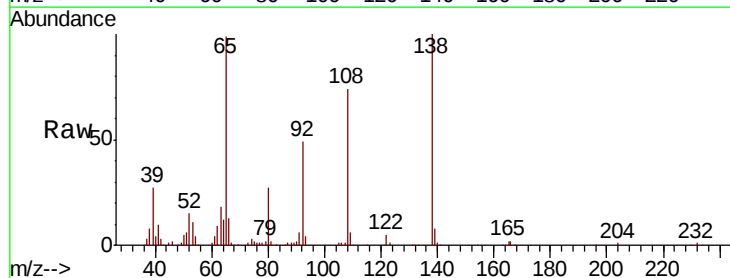
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 36.669 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	30.6	70.6
108	74.0	50.0	90.0

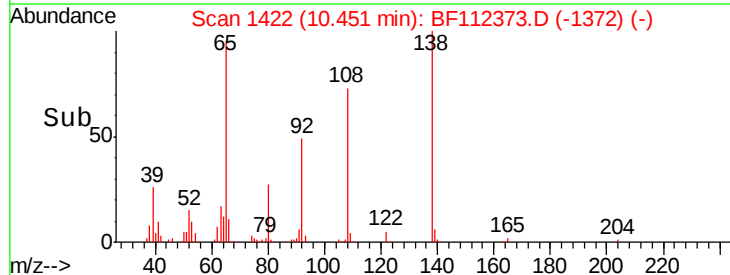
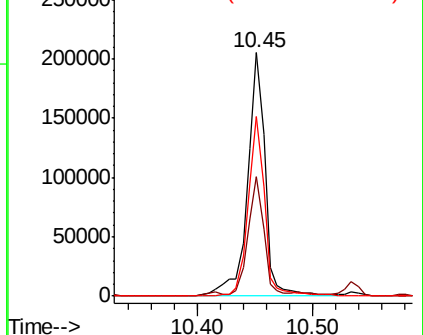


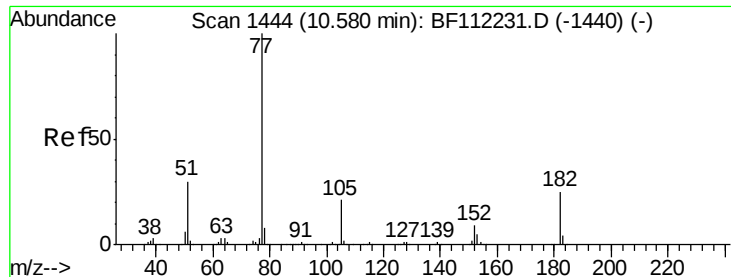
Abundance

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: 42.811 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

Tot Ion: 77 Resp: 933500

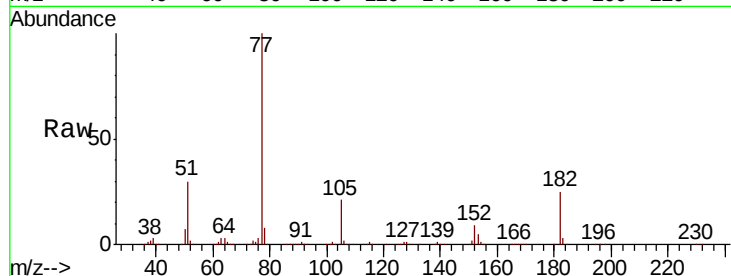
Ion Ratio Lower Upper

77 100

182 25.4 5.7 45.7

105 20.8 1.4 41.4

51 29.8 9.5 49.5

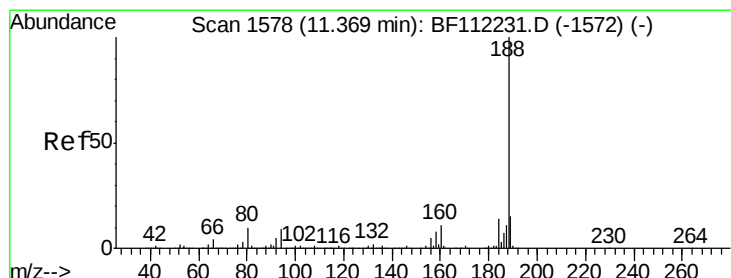
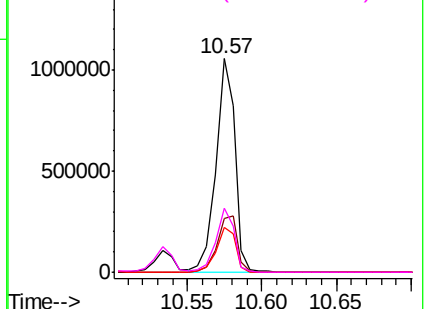
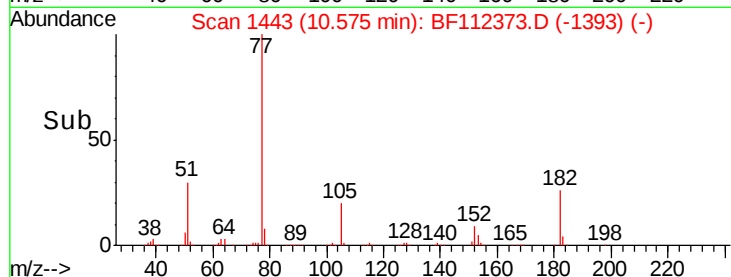


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

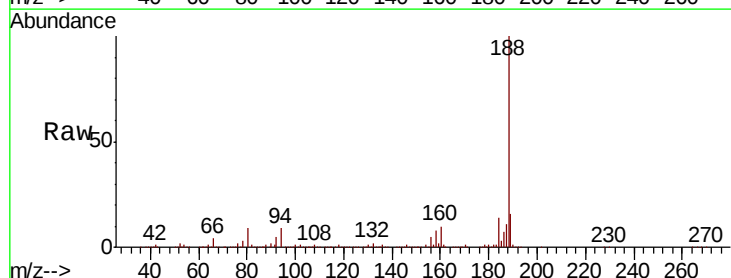
Tgt Ion: 188 Resp: 562966

Ion Ratio Lower Upper

188 100

94 9.0 8.2 12.2

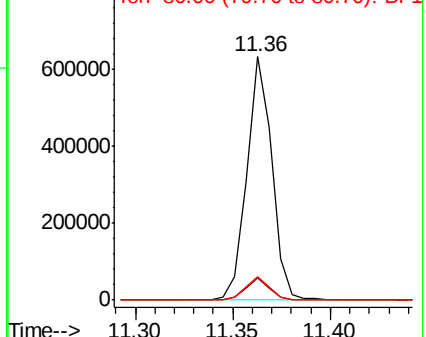
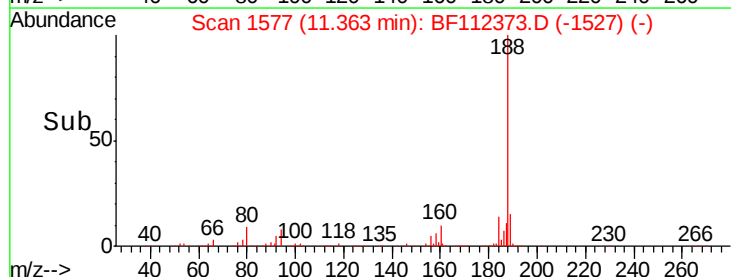
80 9.4 8.9 13.3

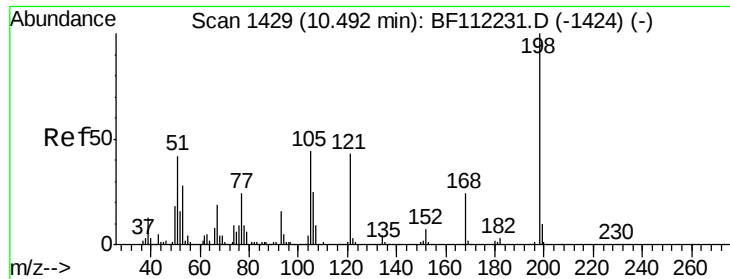


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

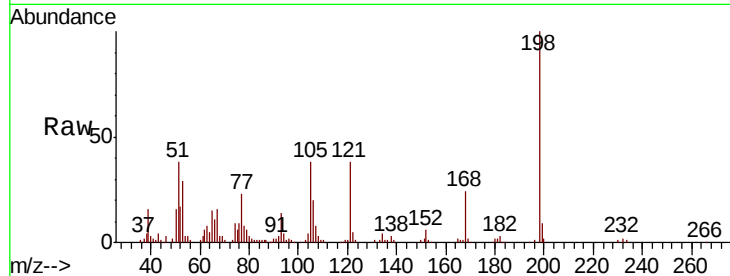




#65
4,6-Dinitro-2-methylphenol
Concen: 29.324 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.7	17.2	57.2
105	37.8	21.9	61.9

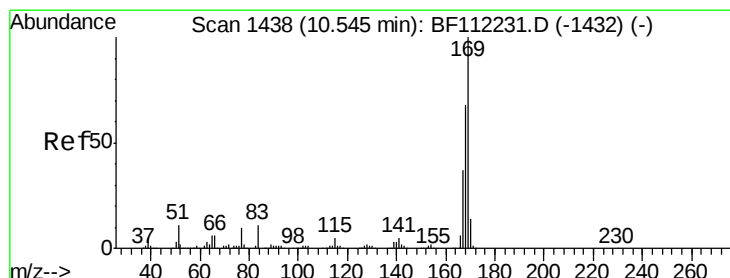
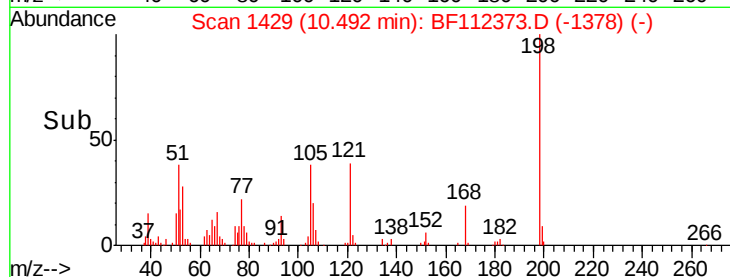
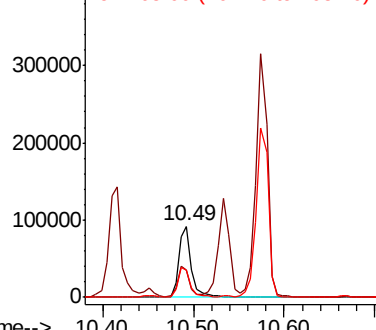


Abundance

Ion 198.00 (197.70 to 198.70): E

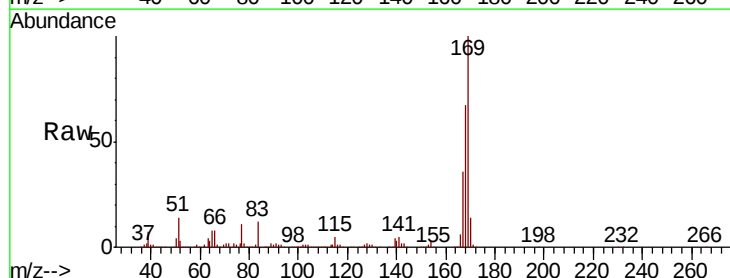
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 46.801 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.9	80.9
167	36.5	28.9	43.3

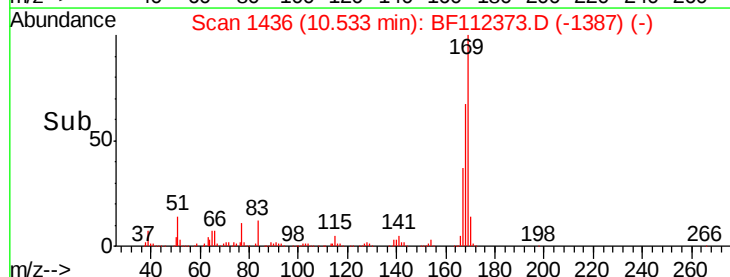
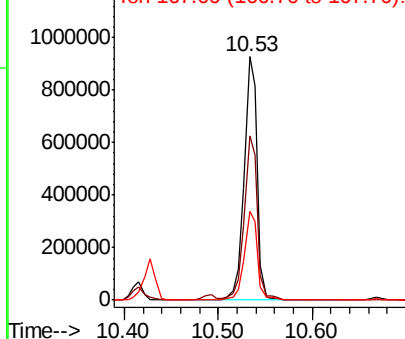


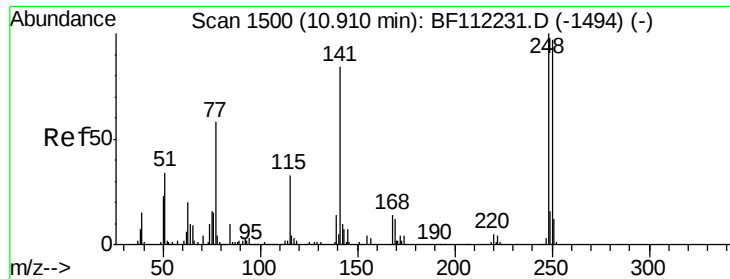
Abundance

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

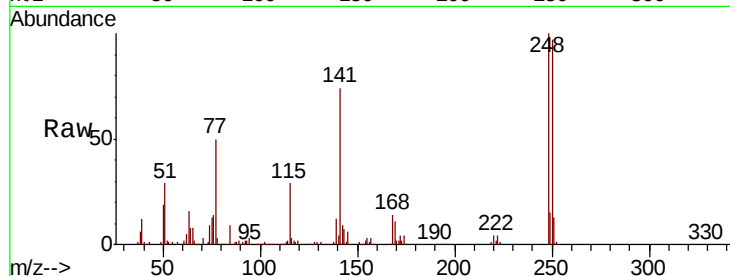




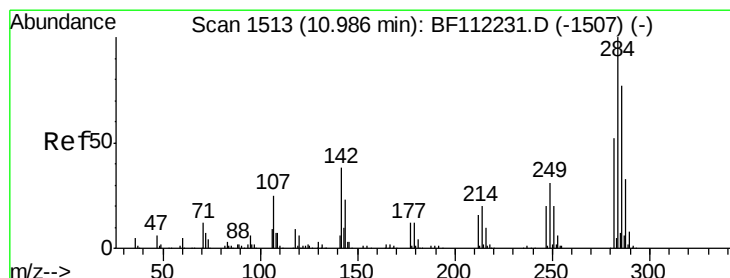
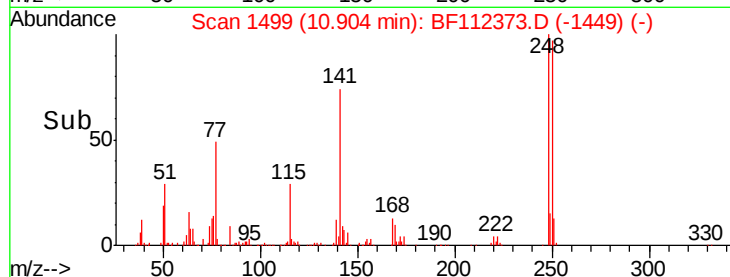
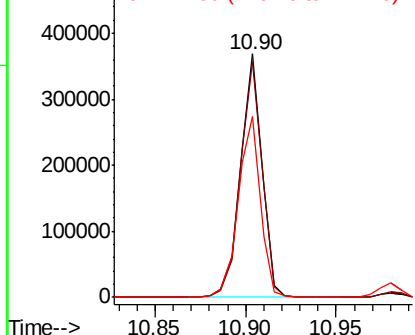
#67
4-Bromophenyl-phenylether
Concen: 45.841 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion:248 Resp: 303530
Ion Ratio Lower Upper
248 100
250 96.7 79.7 119.5
141 74.4 60.3 90.5

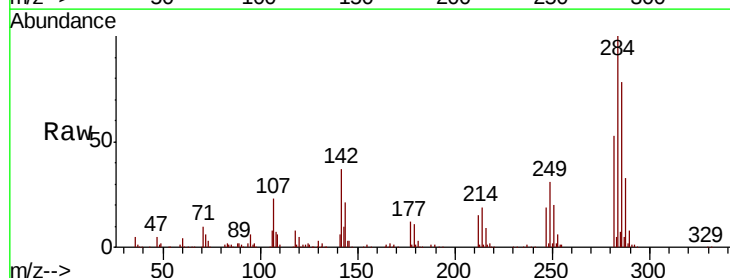


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

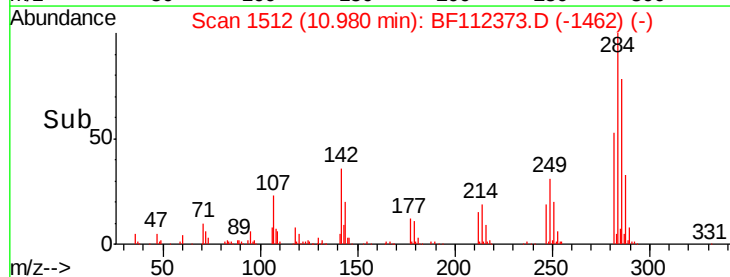
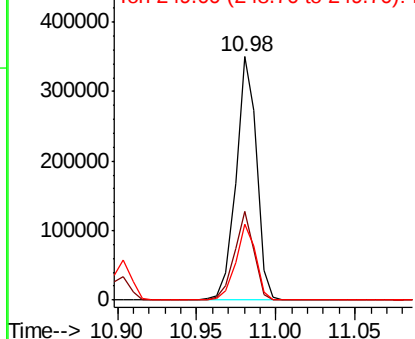


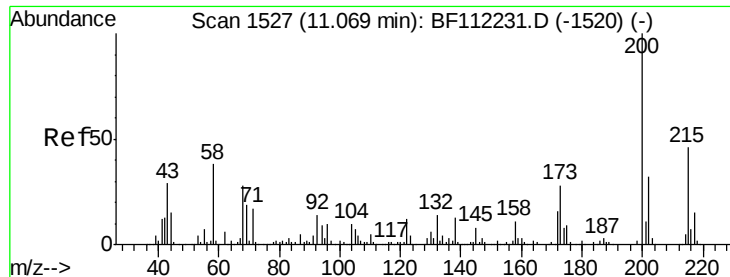
#68
Hexachlorobenzene
Concen: 44.187 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion:284 Resp: 313895
Ion Ratio Lower Upper
284 100
142 36.5 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

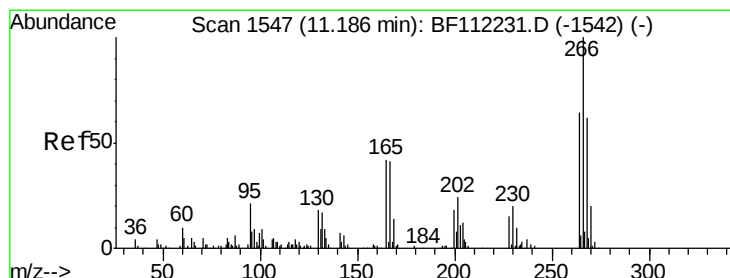
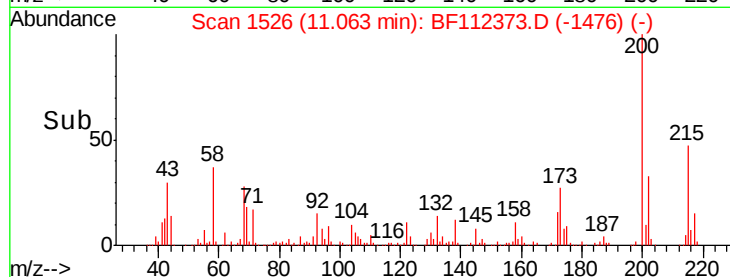
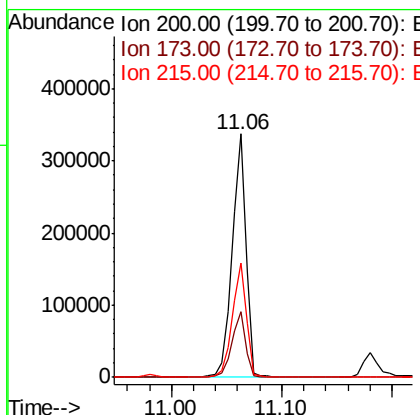
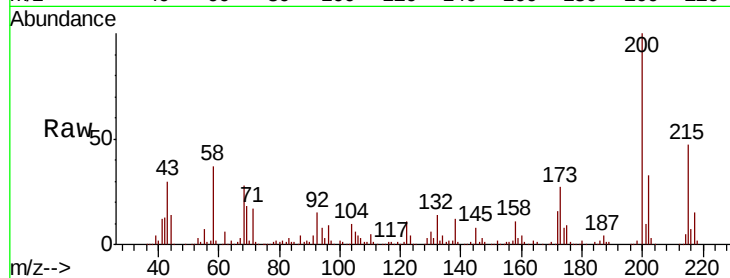




#69
 Atrazine
 Concen: 48.876 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

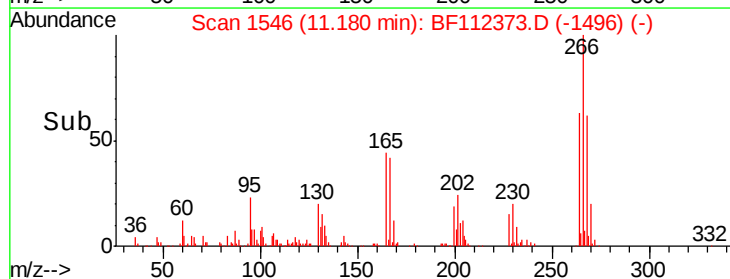
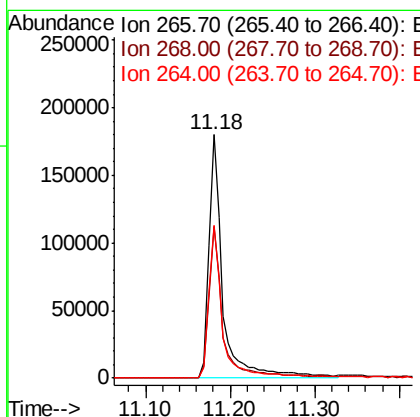
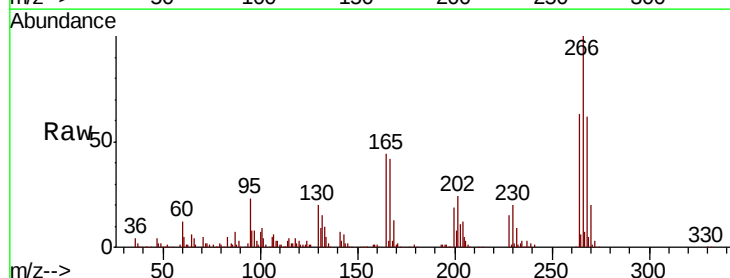
Instrument :
 BNA_F
 ClientSampleId :
 PB116745BS

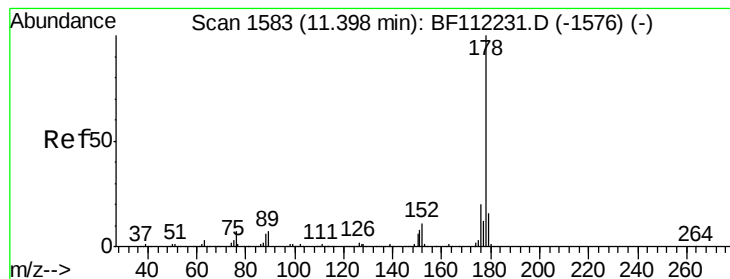
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	7.1	47.1
215	46.9	30.4	70.4



#70
 Pentachlorophenol
 Concen: 76.263 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.2	76.8
264	62.6	50.9	76.3





#71

Phenanthrene

Concen: 45.411 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

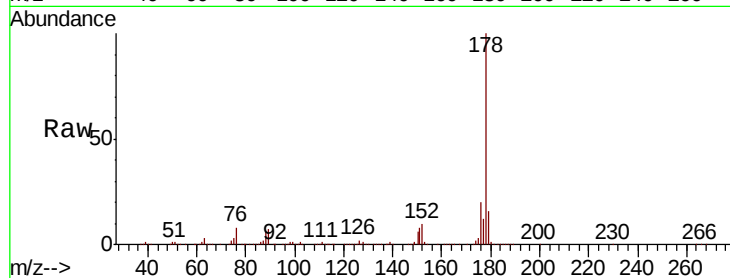
Tot Ion:178 Resp: 1329081

Ion Ratio Lower Upper

178 100

176 19.8 16.3 24.5

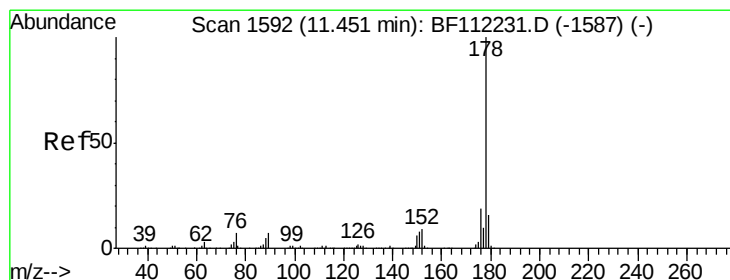
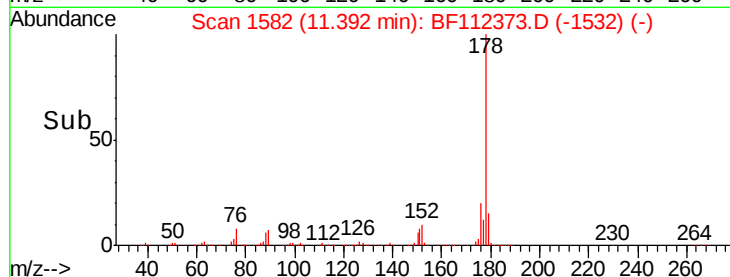
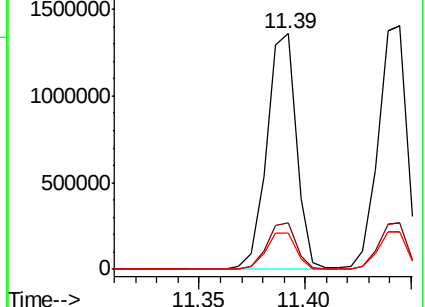
179 15.6 13.0 19.4



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: 46.858 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

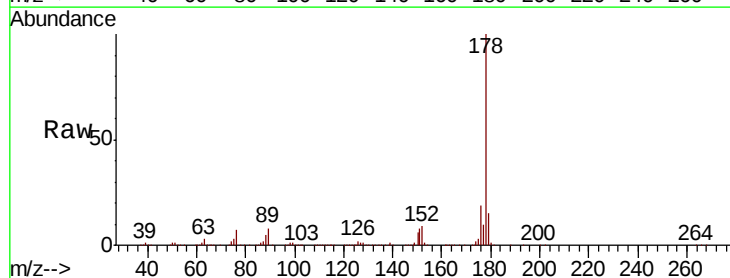
Tgt Ion:178 Resp: 1366124

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

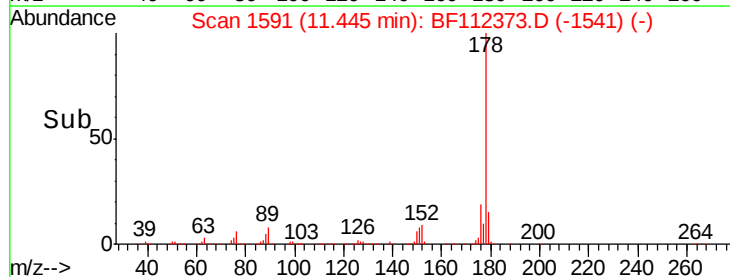
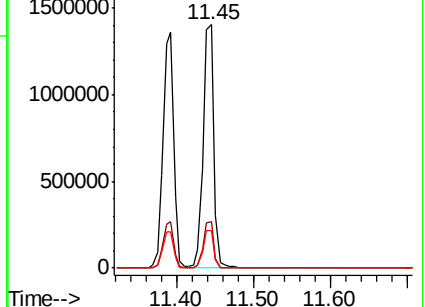
179 15.5 12.8 19.2

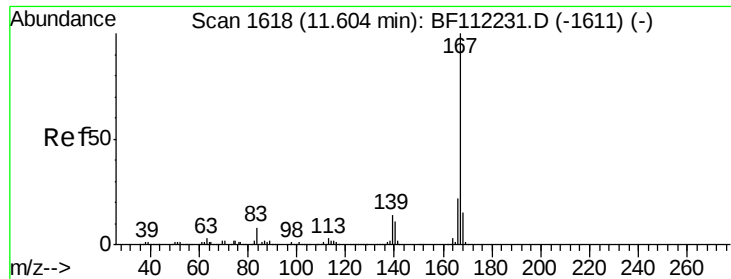


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



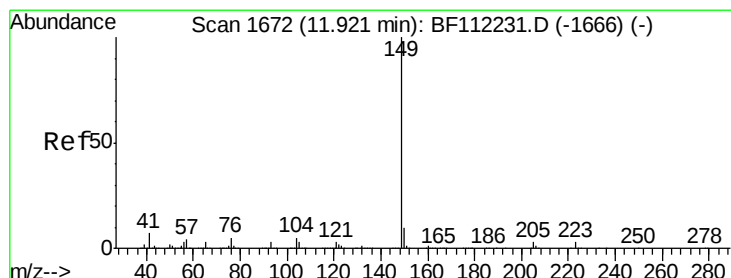
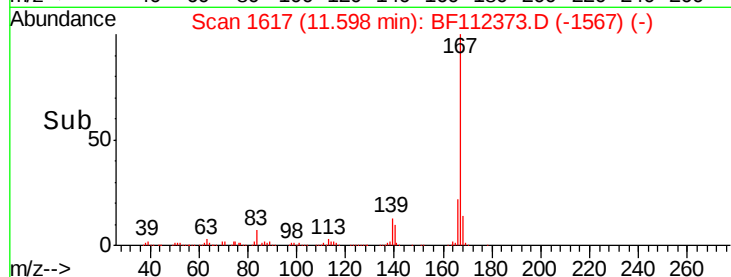
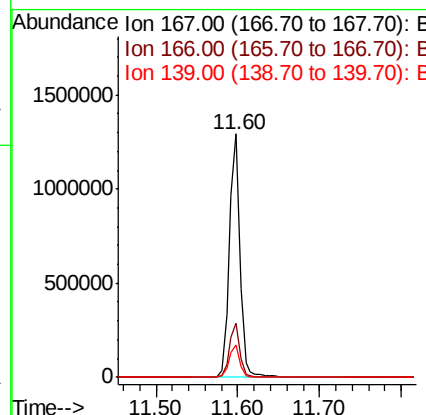
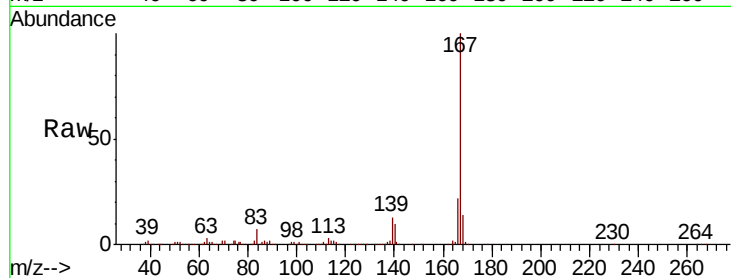


#73
 Carbazole
 Concen: 40.458 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BS

Tot Ion:167 Resp: 1163497

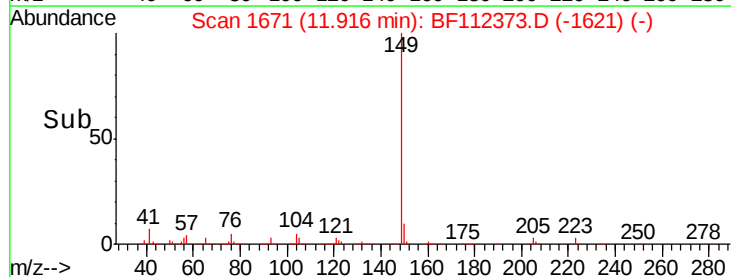
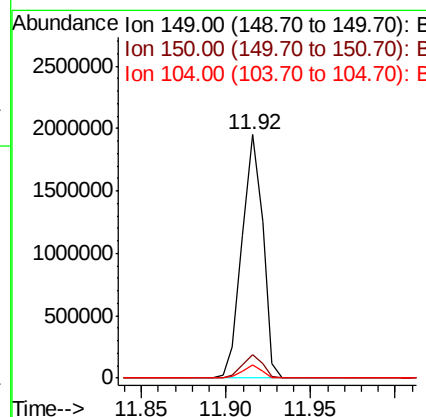
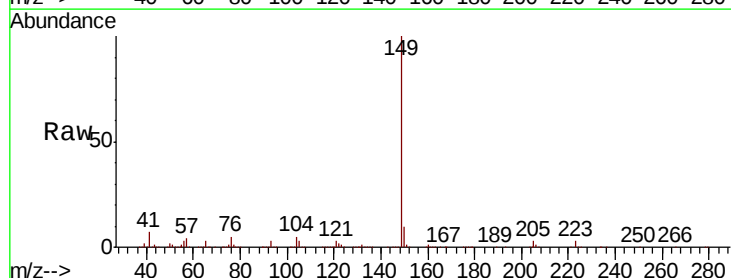
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.9	26.9
139	13.3	10.2	15.2

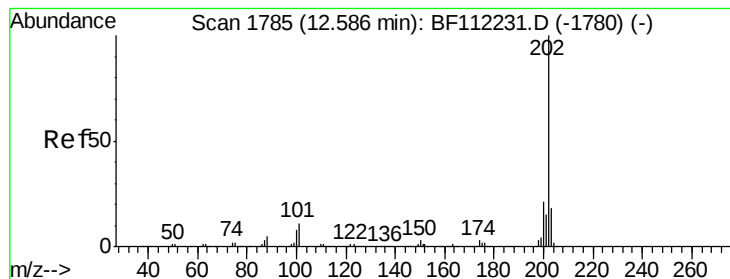


#74
 Di-n-butylphthalate
 Concen: 46.999 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF112373.D
 Acq: 4 Feb 2019 10:06

Tgt Ion:149 Resp: 1677689

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	5.2	3.9	5.9





#75

Fluoranthene

Concen: 38.760 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

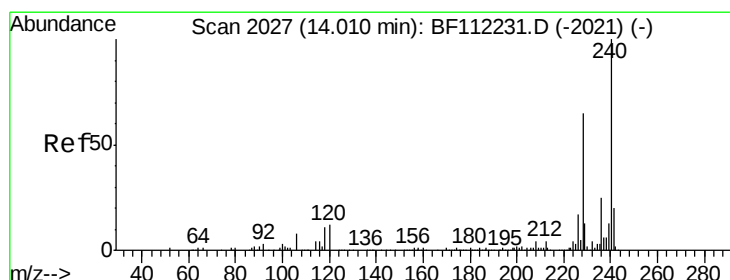
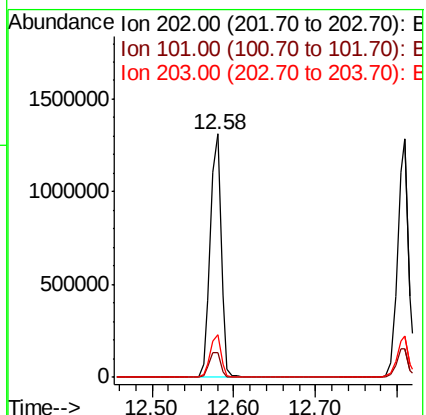
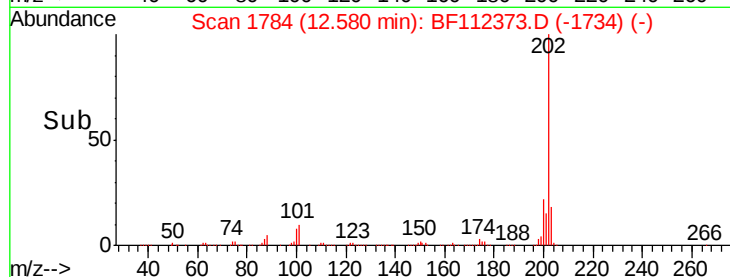
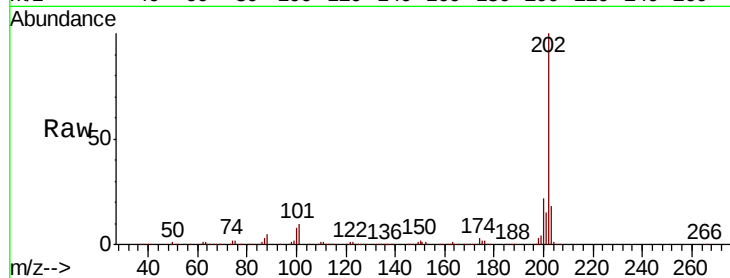
Tot Ion:202 Resp: 1216718

Ion Ratio Lower Upper

202 100

101 10.1 0.0 31.8

203 17.8 0.0 38.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

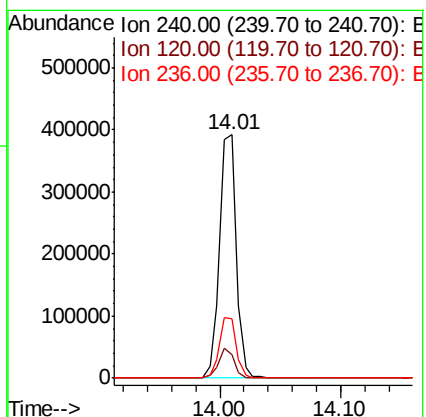
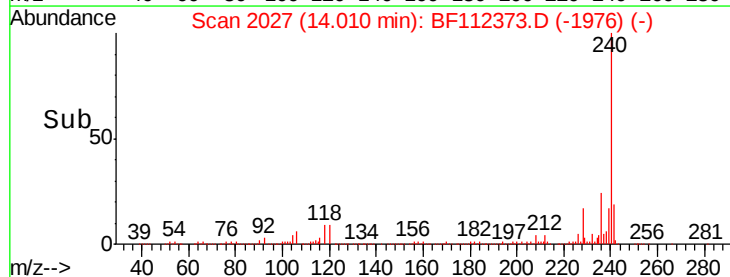
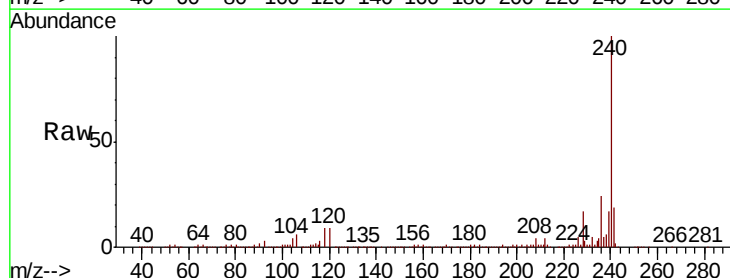
Tgt Ion:240 Resp: 374450

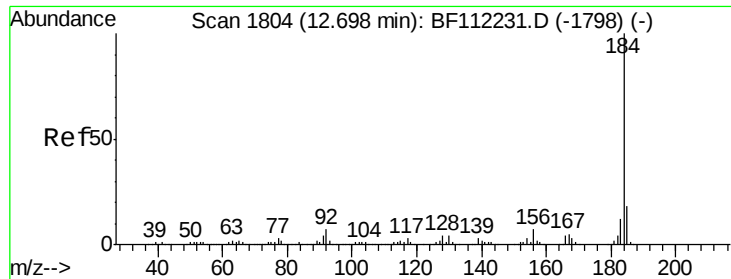
Ion Ratio Lower Upper

240 100

120 9.4 9.0 13.6

236 24.4 20.7 31.1





#77

Benzidine

Concen: 37.027 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

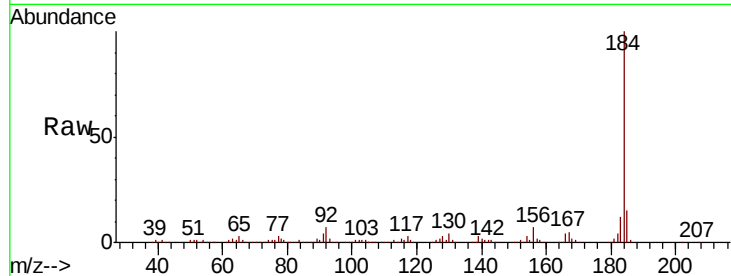
Tot Ion:184 Resp: 381606

Ion Ratio Lower Upper

184 100

185 14.8 13.9 20.9

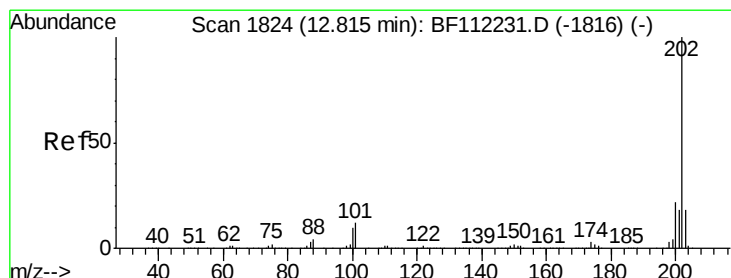
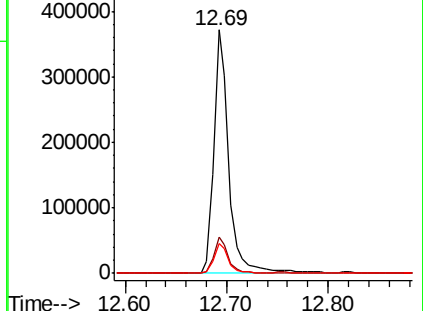
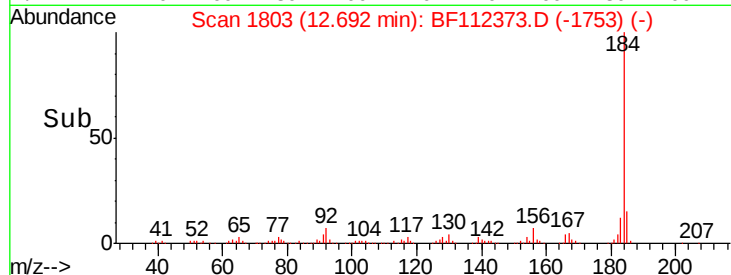
183 12.2 10.0 15.0



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: 46.639 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

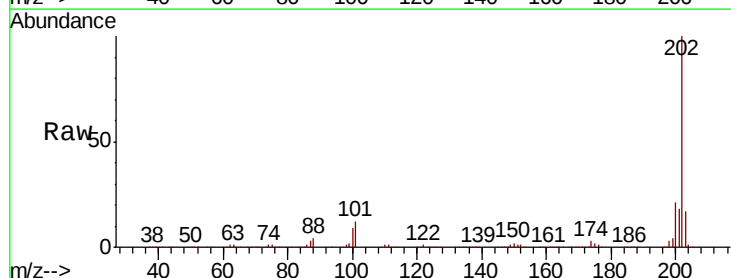
Tgt Ion:202 Resp: 1209098

Ion Ratio Lower Upper

202 100

200 21.2 17.7 26.5

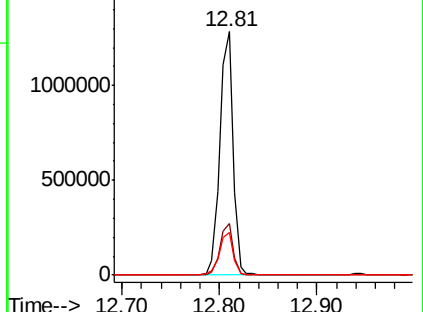
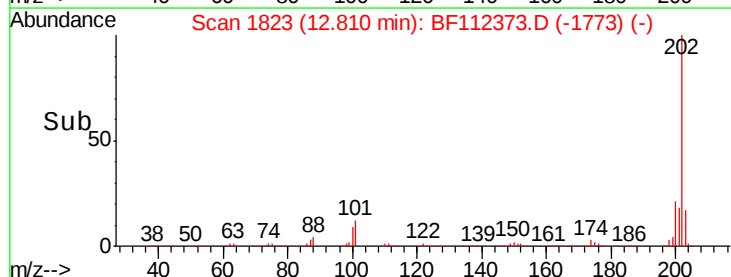
203 17.3 14.6 22.0



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: 77.274 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

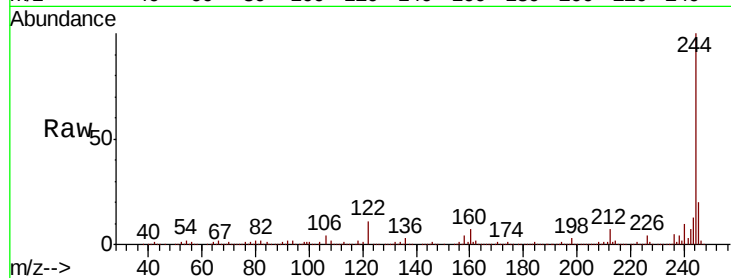
Tot Ion:244 Resp: 1536290

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

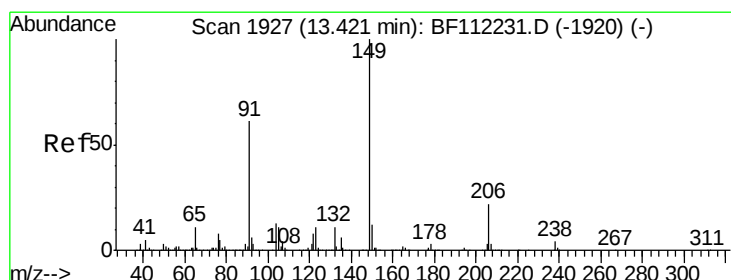
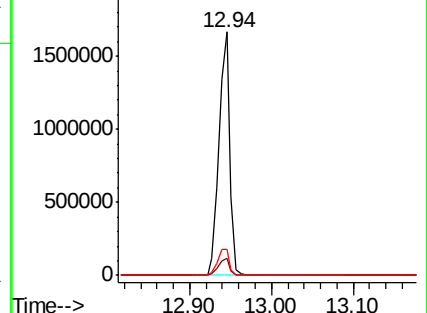
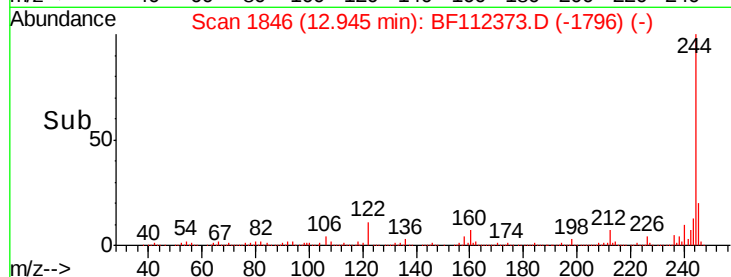
122 10.9 9.8 14.6



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: 47.337 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

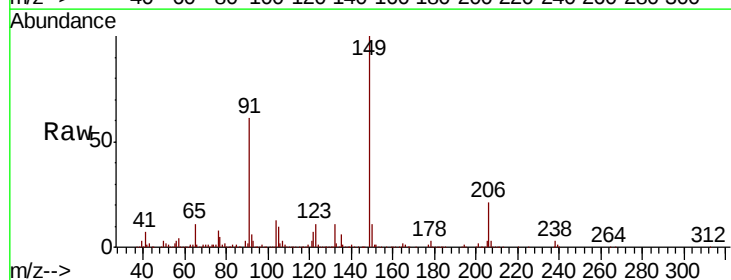
Tgt Ion:149 Resp: 593736

Ion Ratio Lower Upper

149 100

91 60.8 50.3 75.5

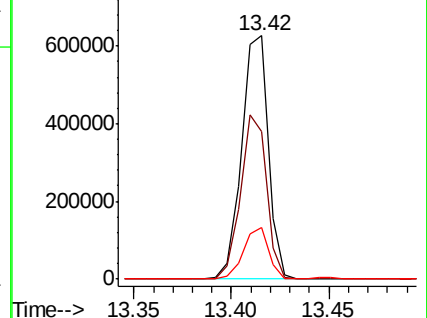
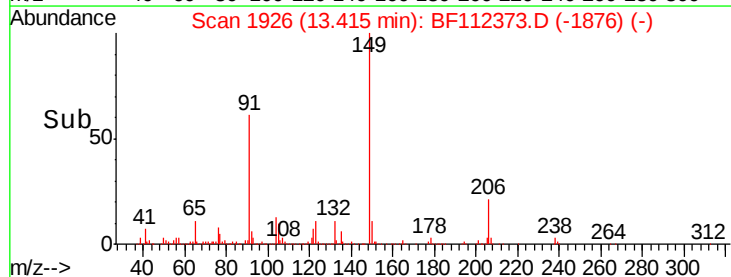
206 21.5 18.2 27.4

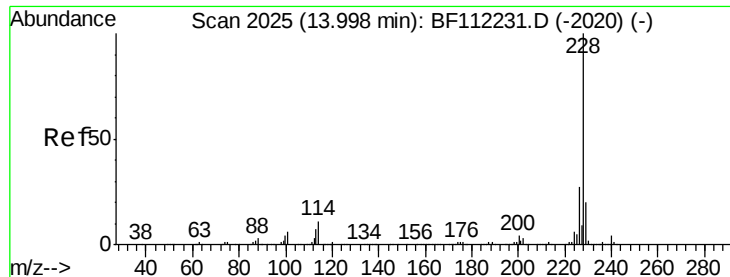


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.756 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

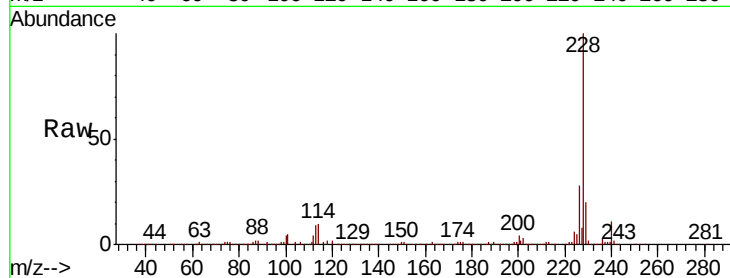
Tot Ion:228 Resp: 1029192

Ion Ratio Lower Upper

228 100

226 28.0 22.6 34.0

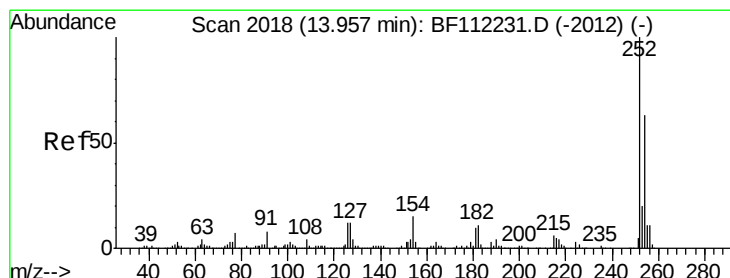
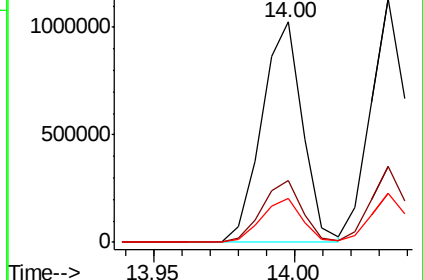
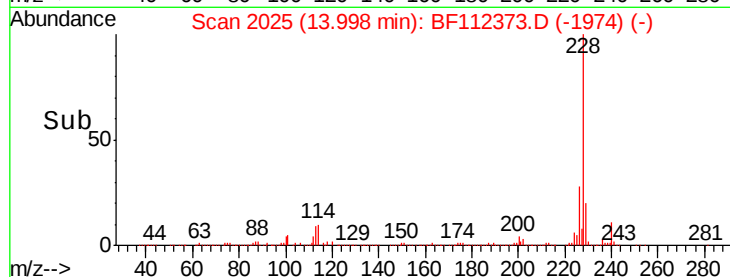
229 19.8 16.5 24.7



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: 27.312 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

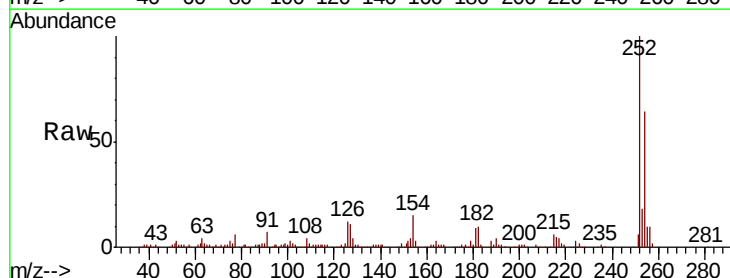
Tgt Ion:252 Resp: 224997

Ion Ratio Lower Upper

252 100

254 64.5 51.6 77.4

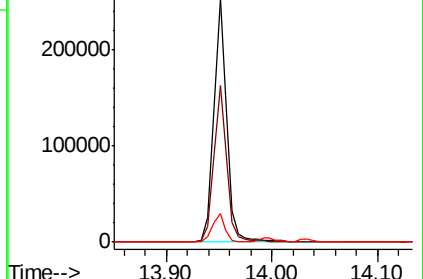
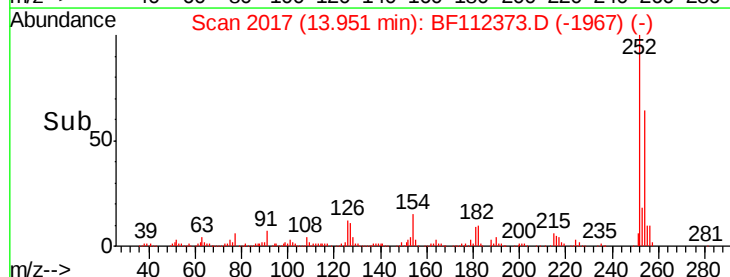
126 12.0 8.6 12.8



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

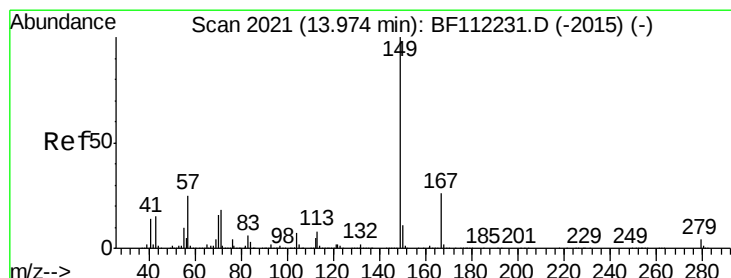
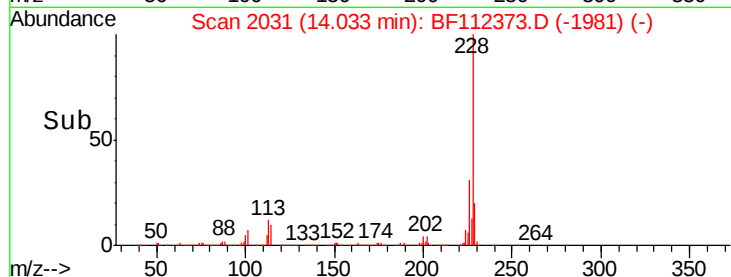
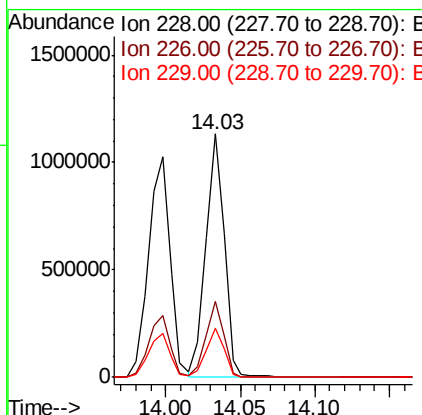
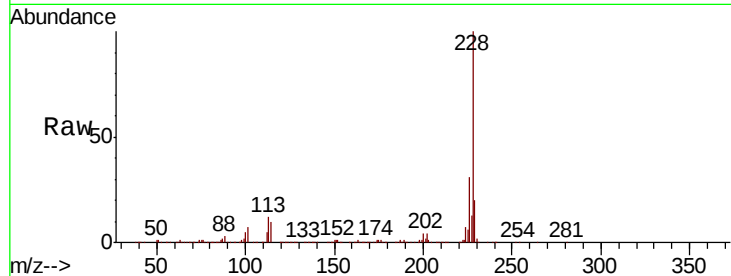




#83
Chrysene
Concen: 45.922 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

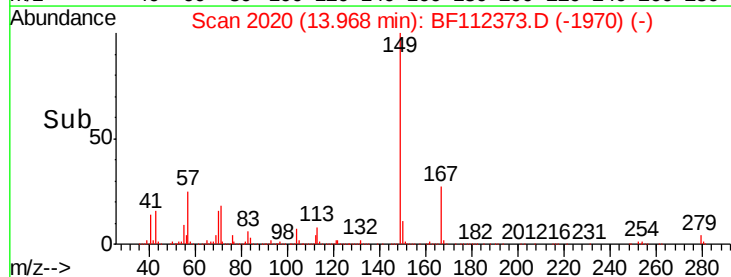
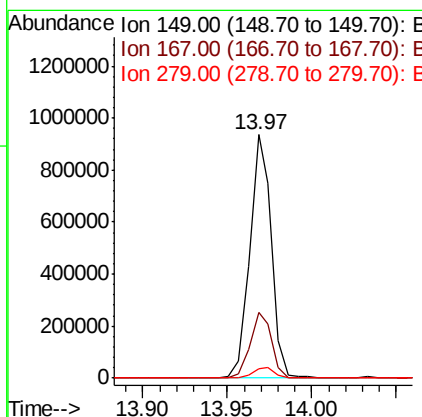
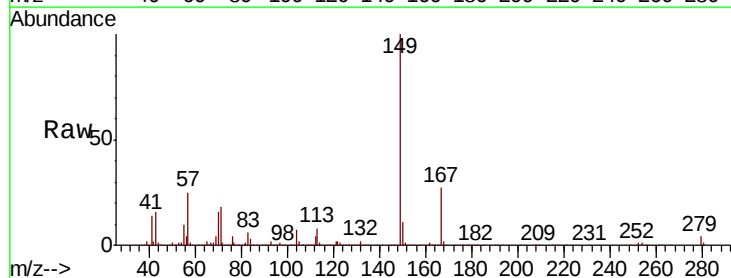
Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion:228 Resp: 964894
Ion Ratio Lower Upper
228 100
226 30.9 25.0 37.6
229 20.2 16.6 24.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.682 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion:149 Resp: 831146
Ion Ratio Lower Upper
149 100
167 27.3 22.5 33.7
279 3.8 3.8 5.6

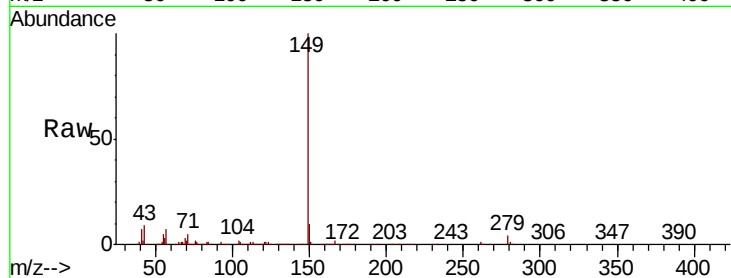




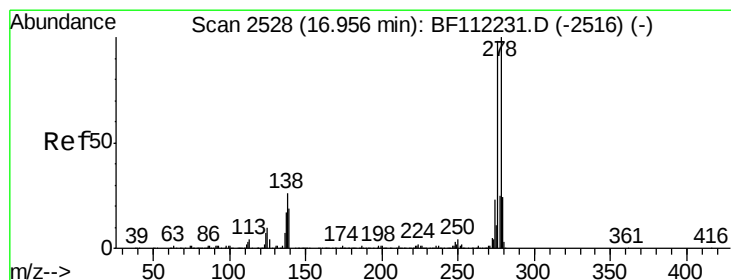
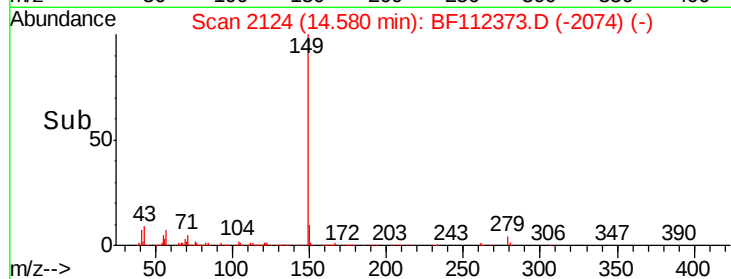
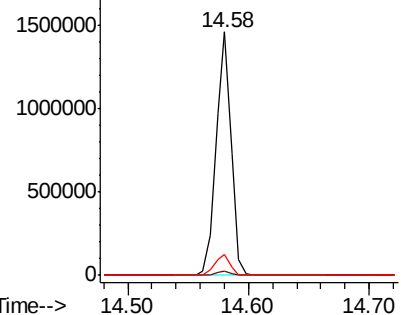
#85
Di-n-octyl phthalate
Concen: 45.634 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion:149 Resp: 1250053
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.8 7.8 11.6

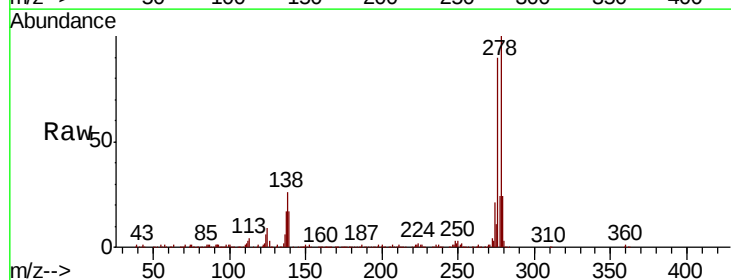


Abundance Ion 149.00 (148.70 to 149.70): E
2000000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

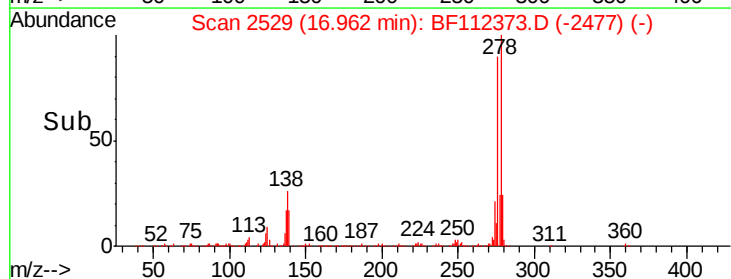
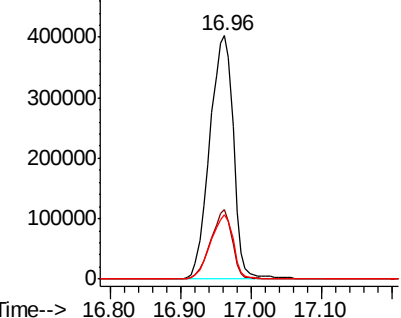


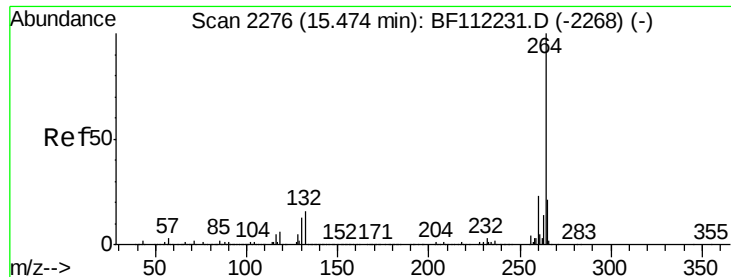
#86
Indeno(1,2,3-cd)pyrene
Concen: 56.584 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.01 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion:276 Resp: 942081
Ion Ratio Lower Upper
276 100
138 25.9 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: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

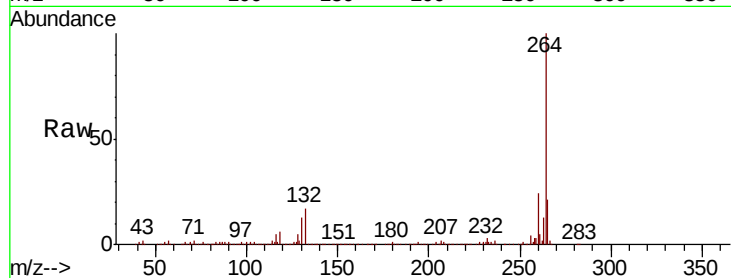
Tot Ion:264 Resp: 375789

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.2

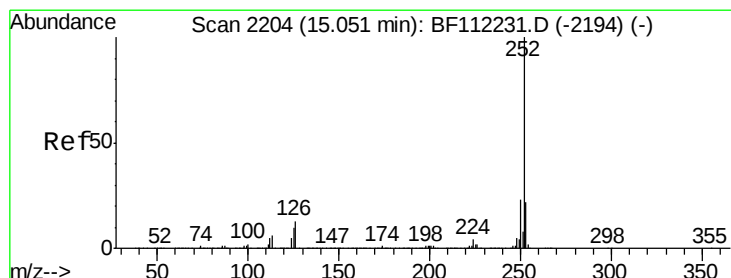
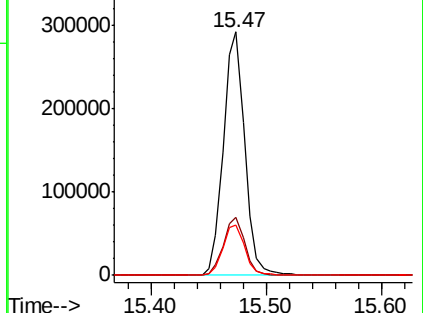
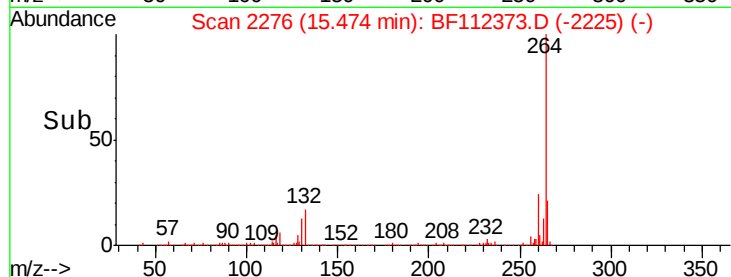
265 20.8 17.0 25.4



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: 46.670 ng

RT: 15.05 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

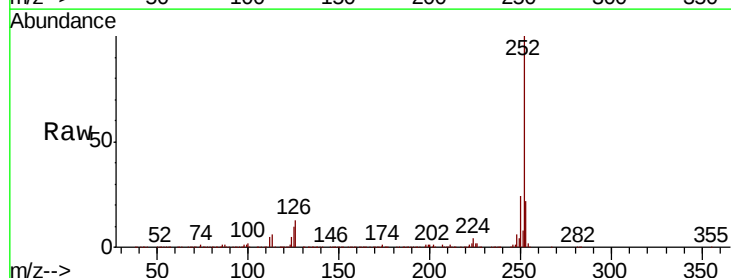
Tgt Ion:252 Resp: 1048854

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

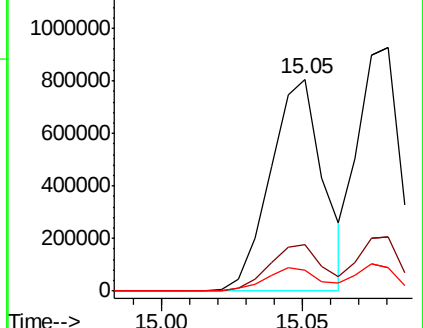
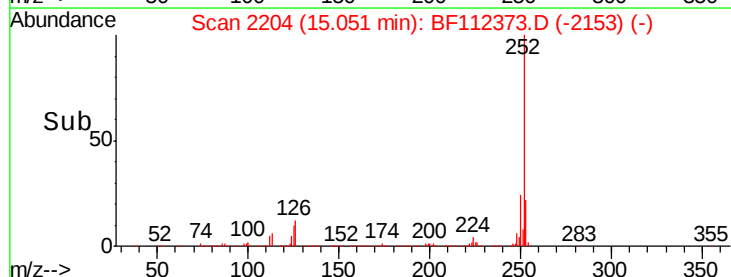
125 9.6 8.7 13.1

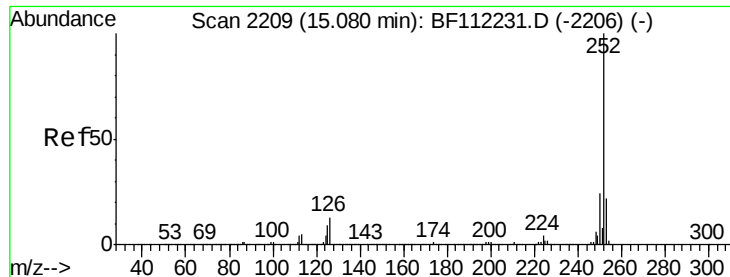


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

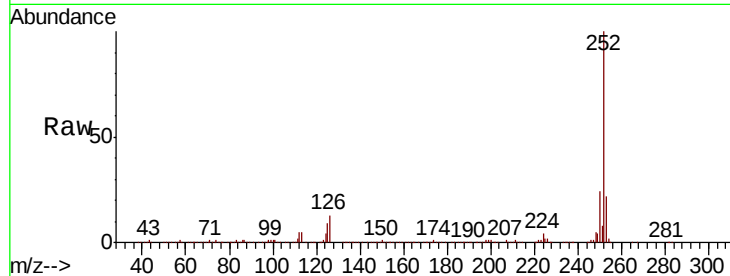




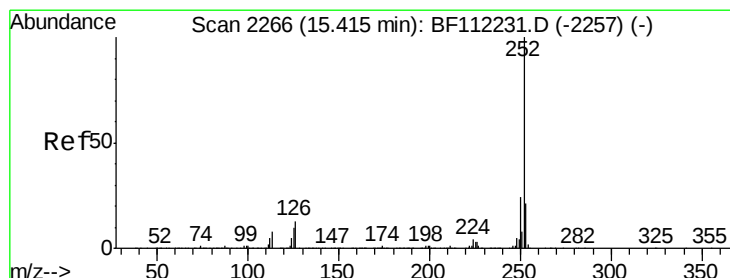
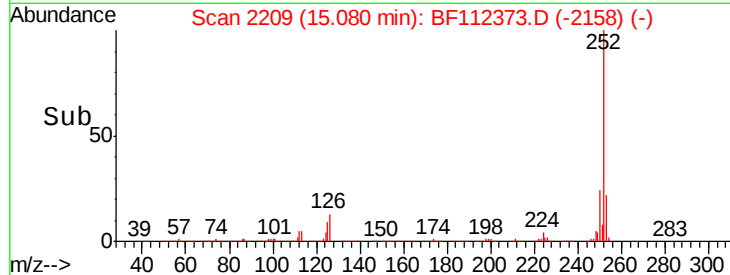
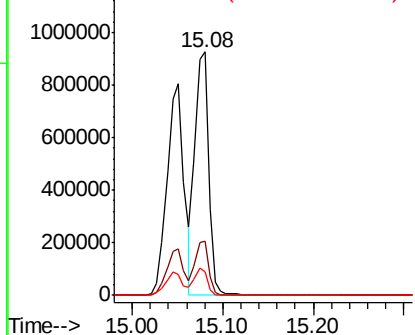
#89
Benzo(k)fluoranthene
Concen: 45.238 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Instrument :
BNA_F
ClientSampleId :
PB116745BS

Tot Ion:252 Resp: 973825
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 9.5 9.1 13.7

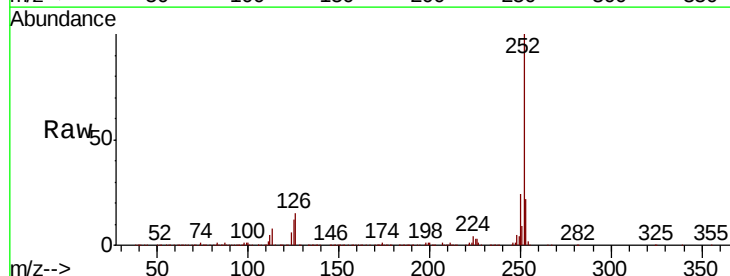


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

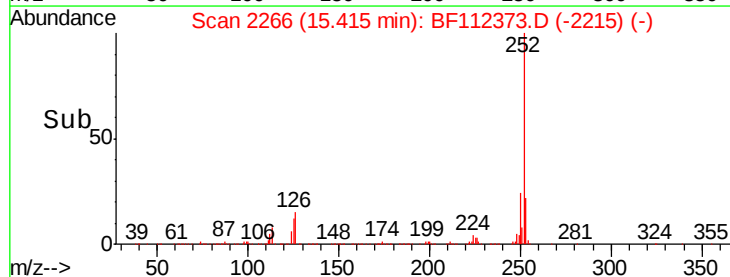
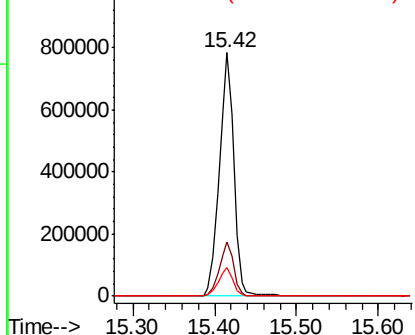


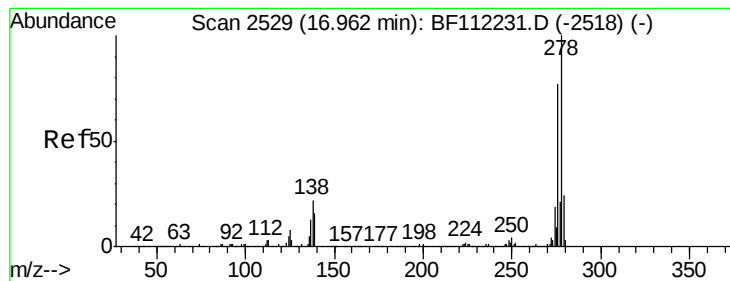
#90
Benzo(a)pyrene
Concen: 47.991 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF112373.D
Acq: 4 Feb 2019 10:06

Tgt Ion:252 Resp: 970462
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 11.9 9.0 13.4



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





#91

Dibenzo(a,h)anthracene

Concen: 49.480 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.00 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

Instrument :

BNA_F

ClientSampleId :

PB116745BS

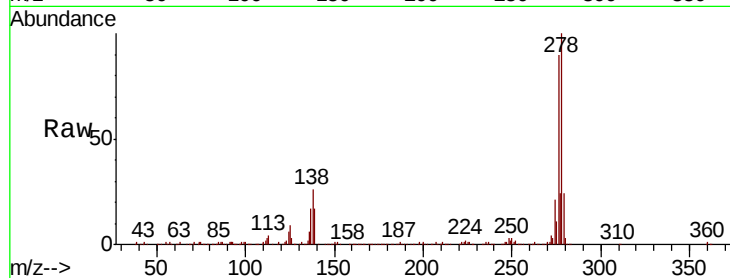
Tot Ion:278 Resp: 806418

Ion Ratio Lower Upper

278 100

139 17.4 13.7 20.5

279 24.0 19.0 28.6

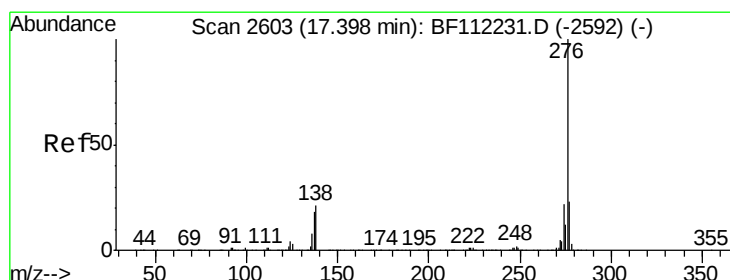
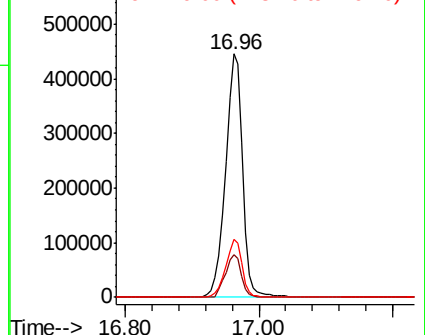
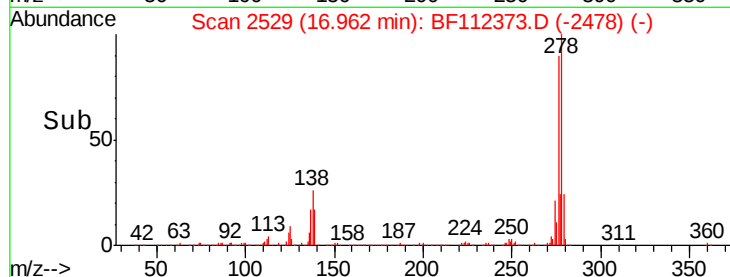


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.566 ng

RT: 17.40 min Scan# 2604

Delta R.T. 0.01 min

Lab File: BF112373.D

Acq: 4 Feb 2019 10:06

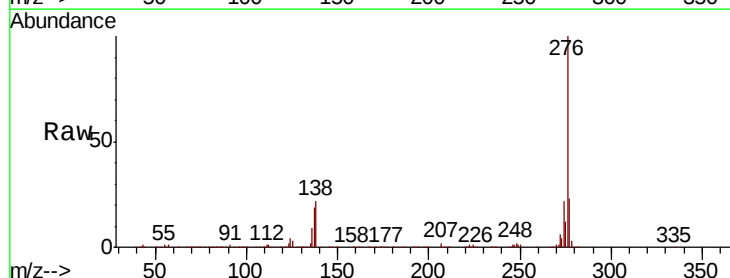
Tgt Ion:276 Resp: 731377

Ion Ratio Lower Upper

276 100

277 22.7 19.4 29.0

138 22.2 19.1 28.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

