

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042919\
 Data File : BF114020.D
 Acq On : 29 Apr 2019 13:12
 Operator : JU/SJ
 Sample : K2571-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 01:20:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	91243	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	344892	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	174360	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	303592	20.00	ng	0.00
76) Chrysene-d12	14.06	240	206125	20.00	ng	-0.01
87) Perylene-d12	15.56	264	244254	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	596520	111.82	ng	0.00
7) Phenol-d6	6.52	99	782097	116.85	ng	0.00
23) Nitrobenzene-d5	7.45	82	470207	84.18	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	229507	108.05	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	942686	84.56	ng	-0.01
79) Terphenyl-d14	12.99	244	879616	87.49	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.72	88	86901	34.557	ng	96
3) Pyridine	3.49	79	221717	32.301	ng	96
4) n-Nitrosodimethylamine	3.42	42	81468	34.672	ng	# 98
6) Aniline	6.55	93	233989	25.459	ng	97
8) 2-Chlorophenol	6.68	128	232422	38.160	ng	98
9) Benzaldehyde	6.44	77	55804	10.125	ng	91
10) Phenol	6.53	94	303340	37.901	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	227894	37.840	ng	96
12) 1,3-Dichlorobenzene	6.84	146	264740	38.379	ng	97
13) 1,4-Dichlorobenzene	6.91	146	269900	38.901	ng	98
14) 1,2-Dichlorobenzene	7.07	146	252105	39.537	ng	97
15) Benzyl Alcohol	7.03	79	192910	42.795	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	254301	36.171	ng	91
17) 2-Methylphenol	7.15	107	200538	37.562	ng	99
18) Hexachloroethane	7.41	117	92517	38.039	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	163870	37.807	ng	97
20) 3+4-Methylphenols	7.29	107	237844	39.431	ng	# 81
22) Acetophenone	7.30	105	326988	42.604	ng	# 96
24) Nitrobenzene	7.47	77	253236	41.029	ng	99
25) Isophorone	7.71	82	450484	39.414	ng	100
26) 2-Nitrophenol	7.79	139	123818	43.973	ng	93
27) 2,4-Dimethylphenol	7.82	122	201983	44.028	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	290127	39.836	ng	99
29) 2,4-Dichlorophenol	8.03	162	214401	40.869	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	237406	40.586	ng	99
31) Naphthalene	8.20	128	682886	41.679	ng	99
32) Benzoic acid	7.90	122	41260	13.318	ng	95
33) 4-Chloroaniline	8.24	127	150339	21.685	ng	95
34) Hexachlorobutadiene	8.32	225	143819	39.441	ng	97
35) Caprolactam	8.59	113	33293	19.950	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	208428	40.102	ng	97
37) 2-Methylnaphthalene	8.89	142	465766	42.156	ng	99
38) 1-Methylnaphthalene	8.99	142	432115	40.522	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	237295	41.897	ng	100

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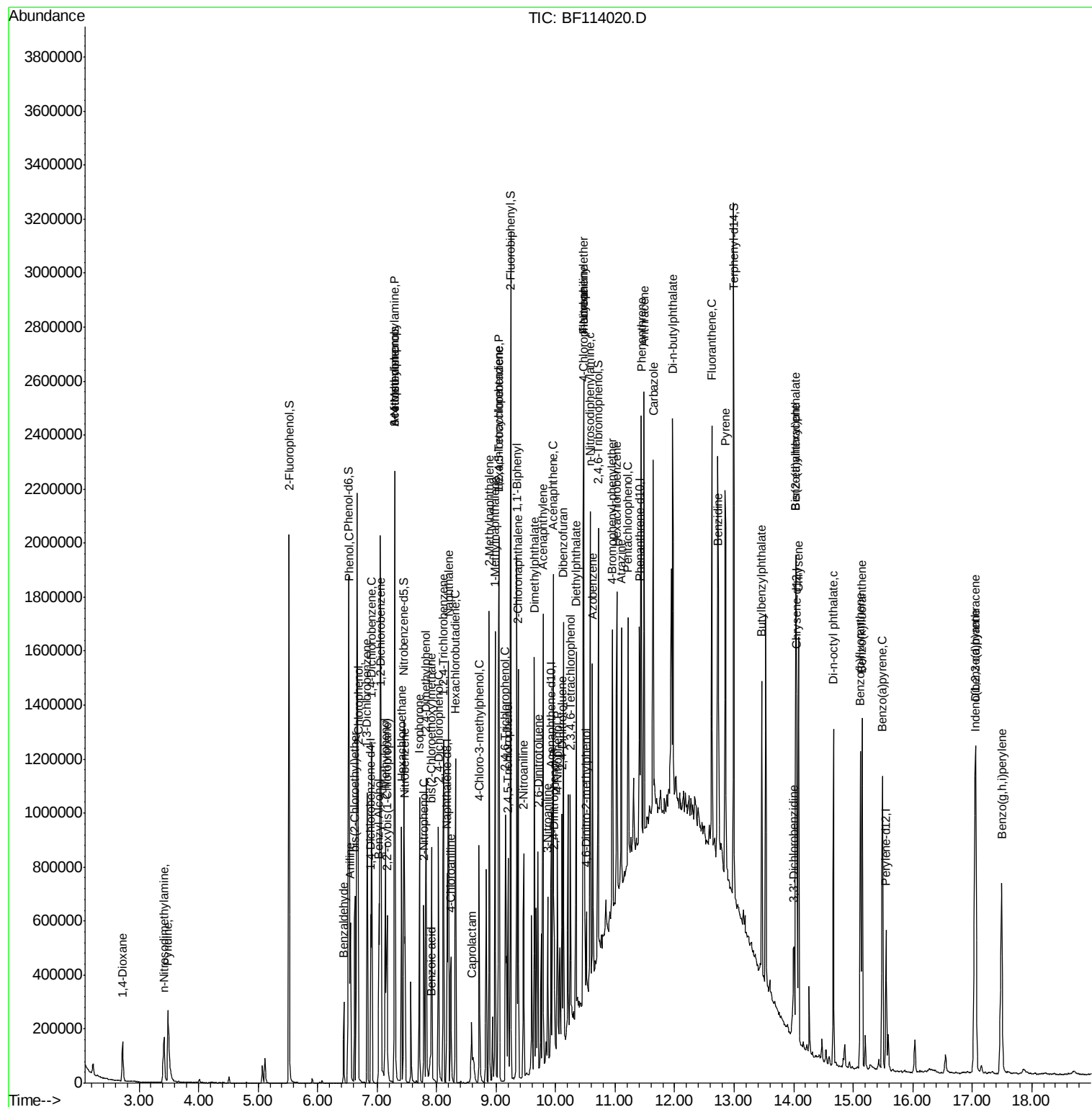
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	243108	76.973	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	154775	43.035	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	166022	41.156	ng	95
46) 1,1'-Biphenyl	9.35	154	577416	43.350	ng	99
47) 2-Chloronaphthalene	9.37	162	460614	42.524	ng	99
48) 2-Nitroaniline	9.46	65	125303	44.128	ng	89
49) Acenaphthylene	9.79	152	698759	41.206	ng	98
50) Dimethylphthalate	9.65	163	630607	50.008	ng	99
51) 2,6-Dinitrotoluene	9.70	165	120635	44.592	ng	98
52) Acenaphthene	9.96	154	424758	42.384	ng	98
53) 3-Nitroaniline	9.87	138	92952	32.697	ng	96
54) 2,4-Dinitrophenol	9.97	184	53840	49.535	ng	# 5
55) Dibenzofuran	10.13	168	626917	41.762	ng	99
56) 4-Nitrophenol	10.03	139	164487	73.077	ng	92
57) 2,4-Dinitrotoluene	10.10	165	152666	44.708	ng	96
58) Fluorene	10.47	166	462635	40.934	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	133543	37.671	ng	98
60) Diethylphthalate	10.34	149	497329	41.531	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	246146	41.124	ng	97
62) 4-Nitroaniline	10.48	138	105550	38.047	ng	96
63) Azobenzene	10.62	77	451488	38.902	ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	46074	35.378	ng	95
66) n-Nitrosodiphenylamine	10.58	169	417966	45.883	ng	98
67) 4-Bromophenyl-phenylether	10.96	248	151759	41.379	ng	96
68) Hexachlorobenzene	11.03	284	162888	40.417	ng	99
69) Atrazine	11.10	200	129321	43.641	ng	97
70) Pentachlorophenol	11.22	266	149443	65.492	ng	97
71) Phenanthrene	11.44	178	651512	42.702	ng	99
72) Anthracene	11.49	178	660286	42.855	ng	100
73) Carbazole	11.64	167	560940	40.809	ng	100
74) Di-n-butylphthalate	11.97	149	700724	43.337	ng	99
75) Fluoranthene	12.63	202	647702	38.910	ng	97
77) Benzidine	12.74	184	148403	24.163	ng	95
78) Pyrene	12.85	202	631563	43.814	ng	99
80) Butylbenzylphthalate	13.46	149	261572	46.121	ng	98
81) Benzo(a)anthracene	14.04	228	532388	43.838	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	72766	16.347	ng	99
83) Chrysene	14.08	228	539457	45.610	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	371089	51.427	ng	99
85) Di-n-octyl phthalate	14.67	149	610034	54.012	ng	98
86) Indeno(1,2,3-cd)pyrene	17.04	276	731571	65.299	ng	99
88) Benzo(b)fluoranthene	15.12	252	618192	40.003	ng	99
89) Benzo(k)fluoranthene	15.15	252	531677	39.997	ng	99
90) Benzo(a)pyrene	15.49	252	574277	42.963	ng	99
91) Dibenzo(a,h)anthracene	17.06	278	615135	49.024	ng	99
92) Benzo(g,h,i)perylene	17.50	276	627630	49.565	ng	98

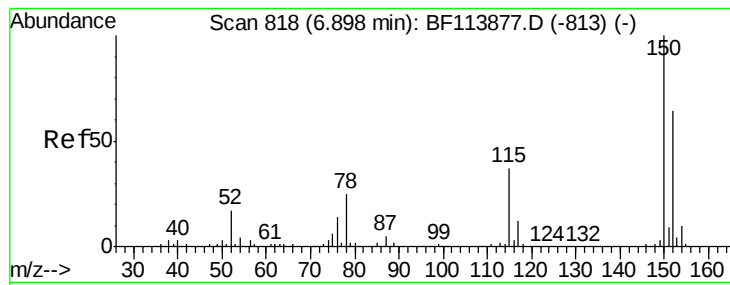
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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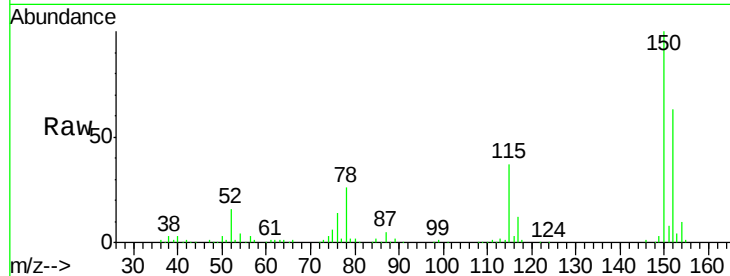


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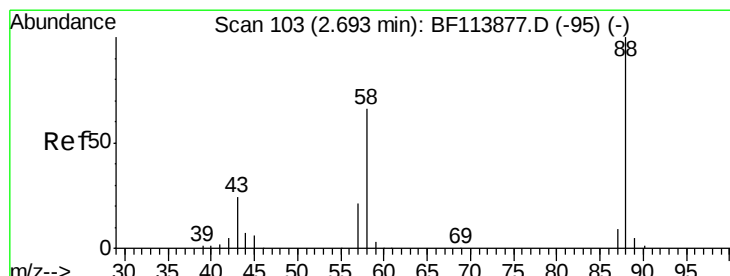
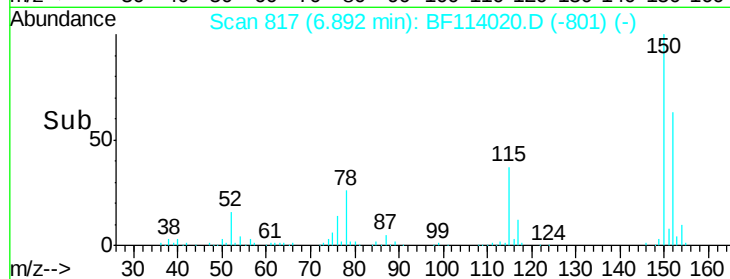
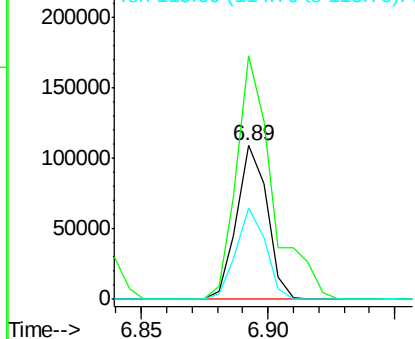
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 91243
Ion Ratio Lower Upper
152 100
150 158.6 125.9 188.9
115 59.3 45.9 68.9



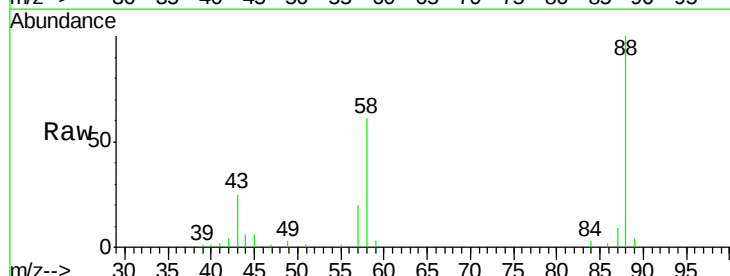
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



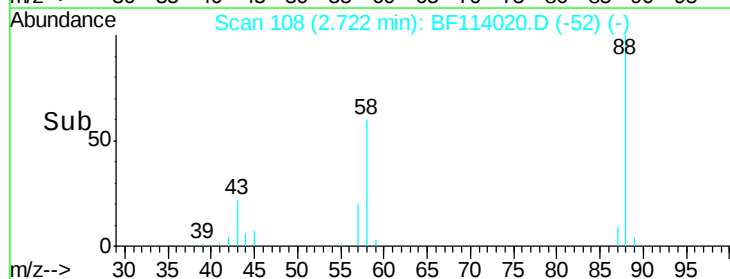
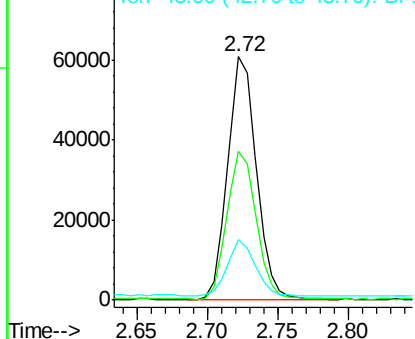
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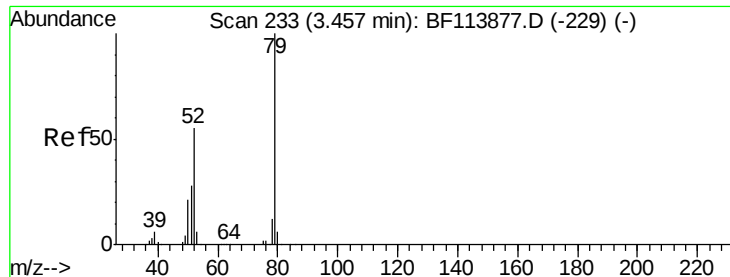
1,4-Dioxane
Concen: 34.557 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.03 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

Tgt Ion: 88 Resp: 86901
Ion Ratio Lower Upper
88 100
58 63.4 53.3 79.9
43 22.4 19.0 28.4



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: 32.301 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.03 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

Instrument :

BNA_F

ClientSampleId :

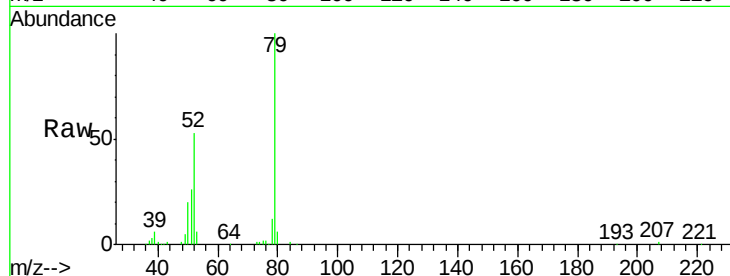
Tot Ion: 79 Resp: 221717

Ion Ratio Lower Upper

79 100

52 53.0 45.3 67.9

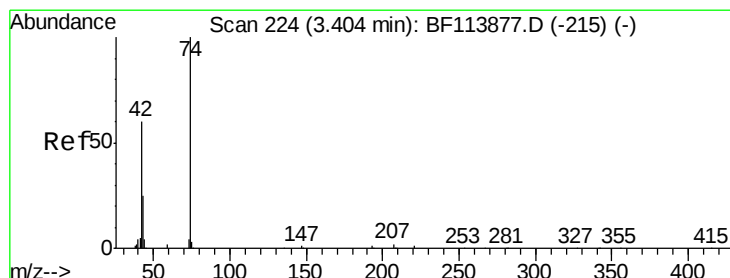
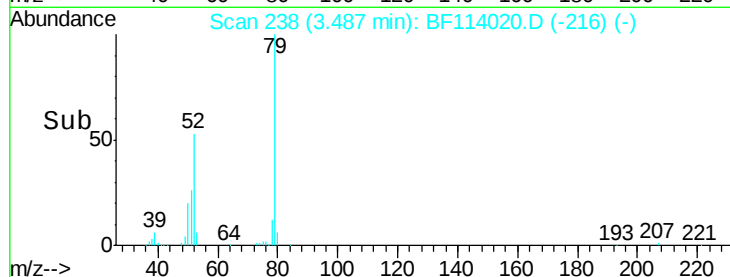
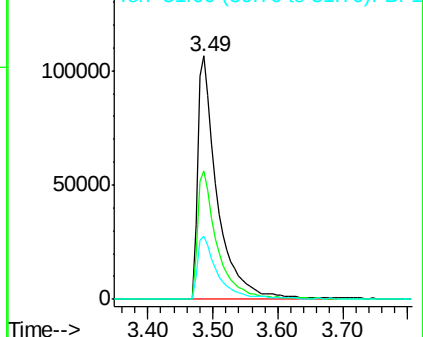
51 25.8 22.1 33.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.672 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

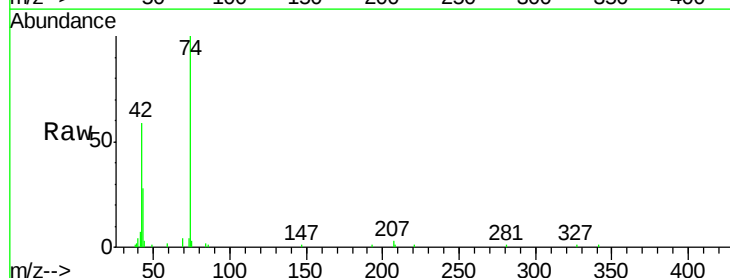
Tgt Ion: 42 Resp: 81468

Ion Ratio Lower Upper

42 100

74 168.4 132.6 198.8

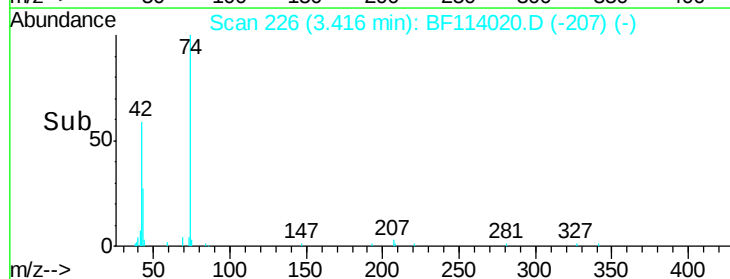
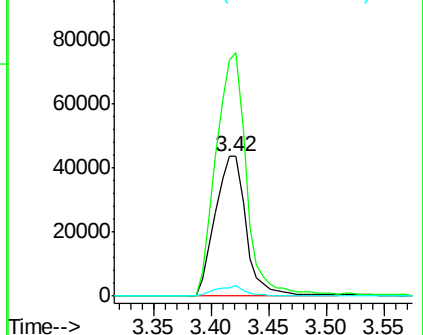
44 5.8 5.8 8.8#

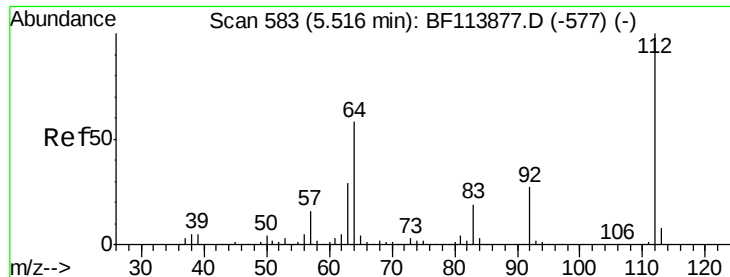


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 111.818 ng

RT: 5.52 min Scan# 584

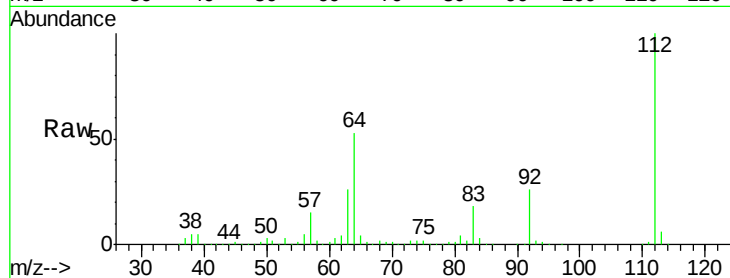
Delta R.T. 0.01 min

Lab File: BF114020.D

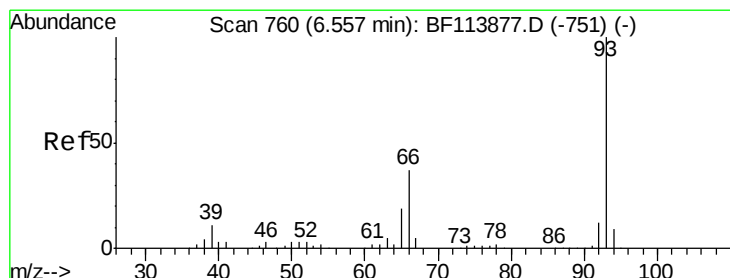
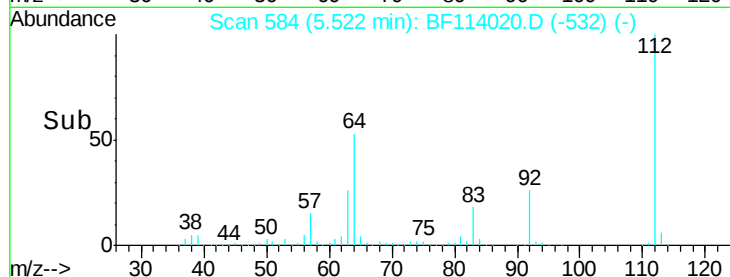
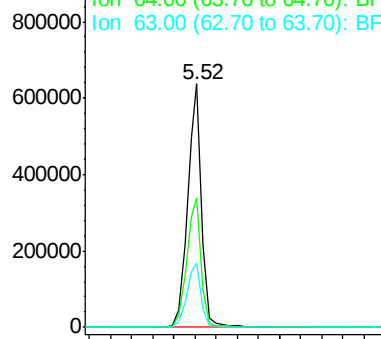
Acq: 29 Apr 2019 13:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	596520
Ion	Ratio	Lower	Upper
112	100		
64	53.3	46.6	69.8
63	26.5	23.1	34.7



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 25.459 ng

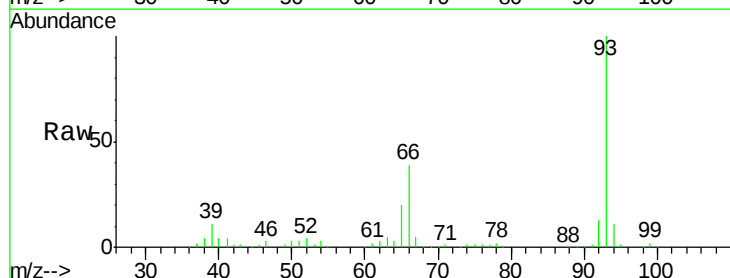
RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

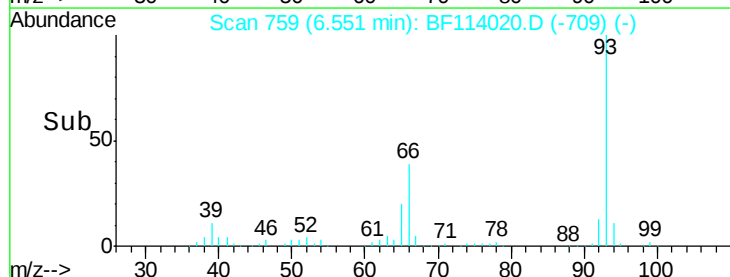
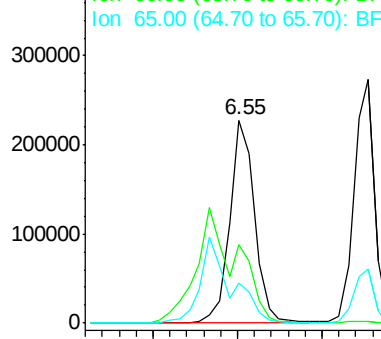
Lab File: BF114020.D

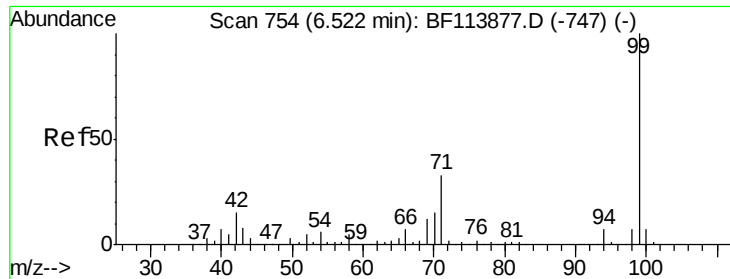
Acq: 29 Apr 2019 13:12

Tgt Ion:	93	Resp:	233989
Ion	Ratio	Lower	Upper
93	100		
66	38.8	29.8	44.6
65	20.0	14.9	22.3



Abundance Ion 93.00 (92.70 to 93.70): BF1





#7

Phenol-d6

Concen: 116.852 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

Instrument :

BNA_F

ClientSampleId :

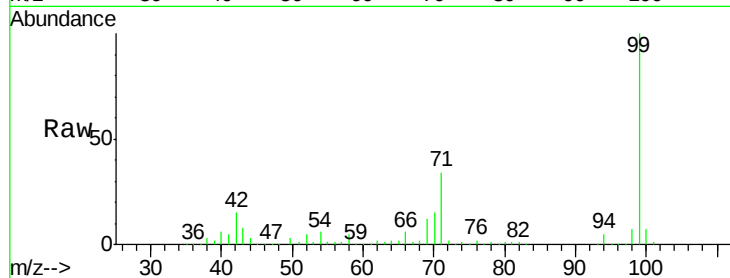
Tot Ion: 99 Resp: 782097

Ion Ratio Lower Upper

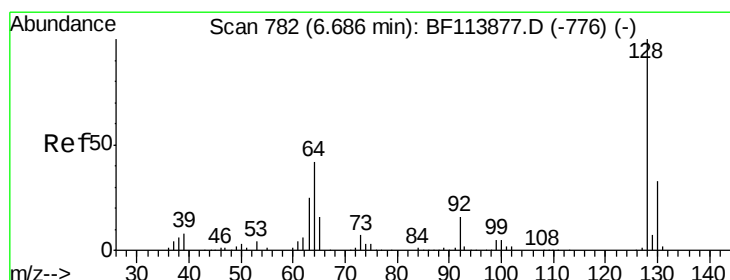
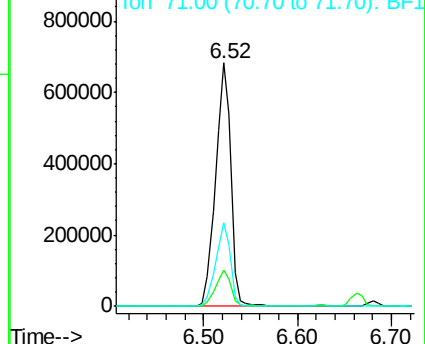
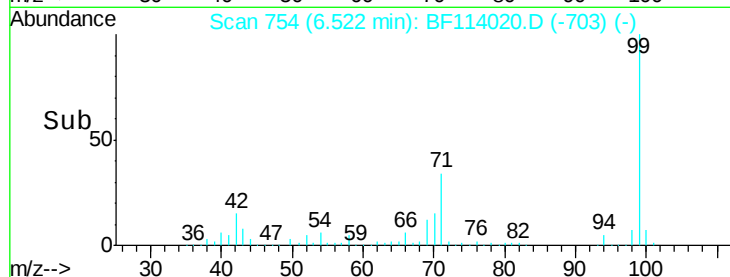
99 100

42 15.0 12.5 18.7

71 34.4 26.9 40.3



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



#8

2-Chlorophenol

Concen: 38.160 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

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Acq: 29 Apr 2019 13:12

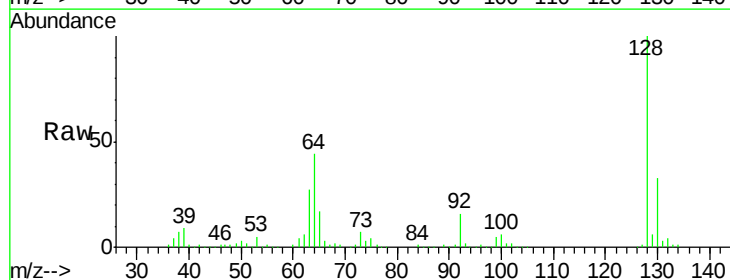
Tgt Ion: 128 Resp: 232422

Ion Ratio Lower Upper

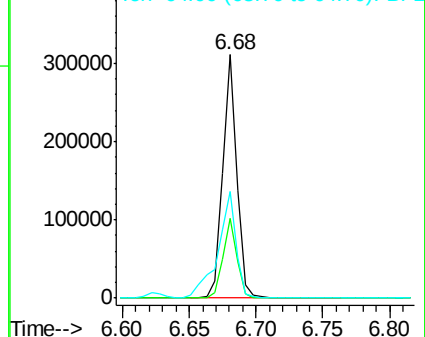
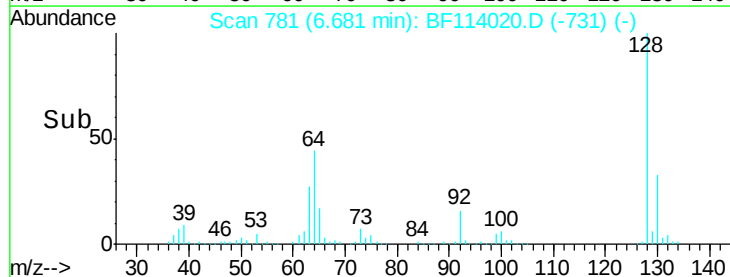
128 100

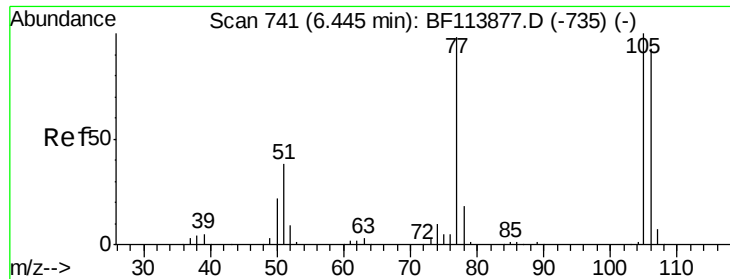
130 32.8 12.3 52.3

64 44.0 26.1 66.1



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

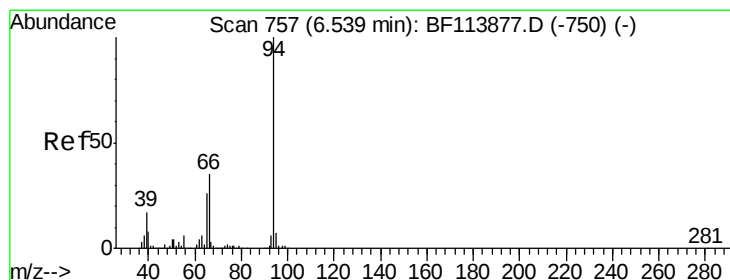
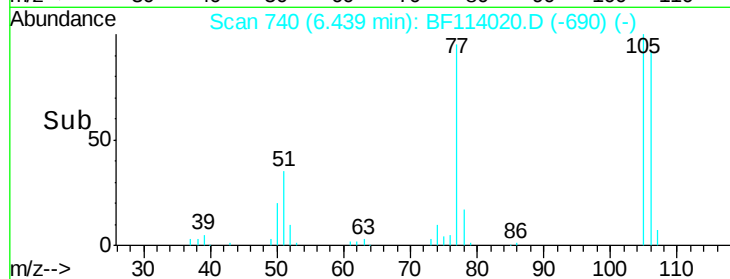
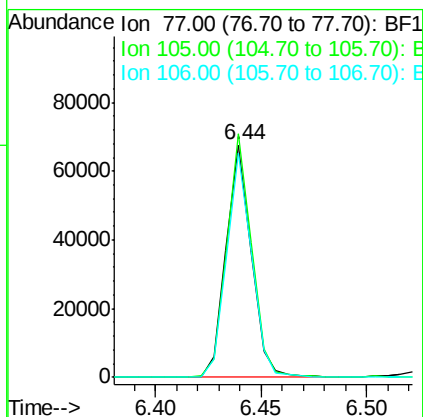
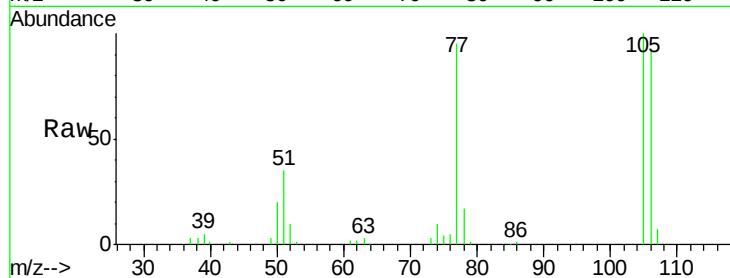




#9
Benzaldehyde
Concen: 10.125 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
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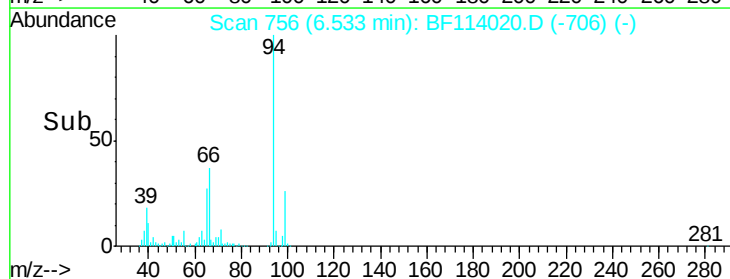
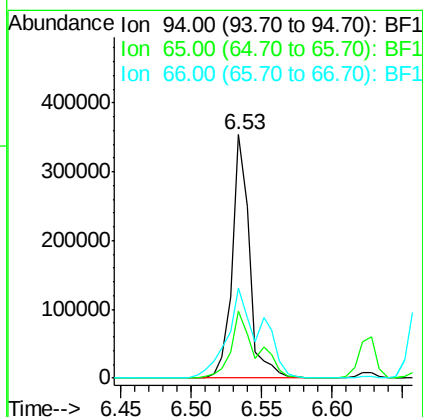
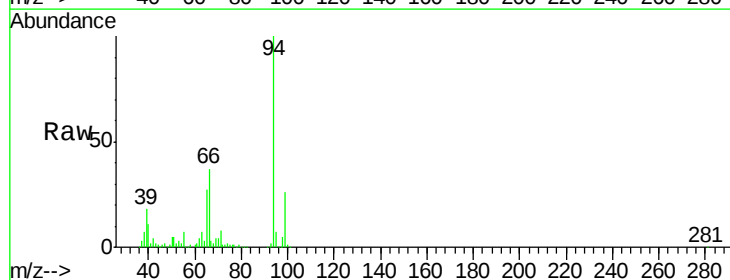
Instrument :
BNA_F
ClientSampleId :

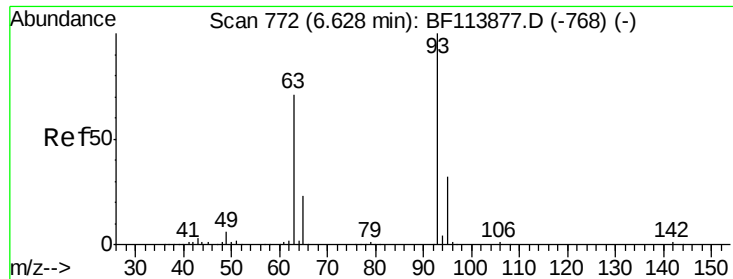
Tot Ion: 77 Resp: 55804
Ion Ratio Lower Upper
77 100
105 104.9 74.1 114.1
106 96.6 70.3 110.3



#10
Phenol
Concen: 37.901 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

Tgt Ion: 94 Resp: 303340
Ion Ratio Lower Upper
94 100
65 27.4 8.1 48.1
66 36.8 16.6 56.6





#11

bis(2-Chloroethyl)ether

Concen: 37.840 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

Instrument :

BNA_F

ClientSampleId :

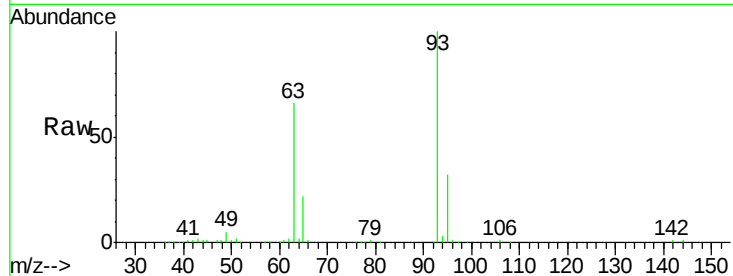
Tot Ion: 93 Resp: 227894

Ion Ratio Lower Upper

93 100

63 65.8 50.7 90.7

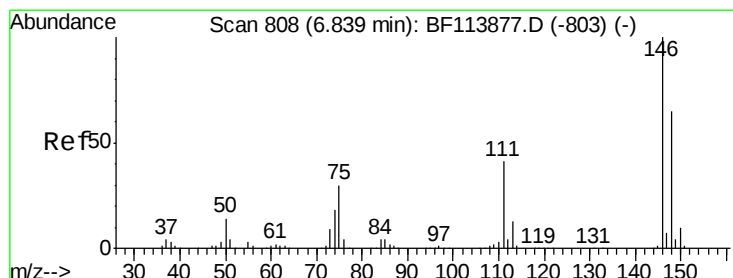
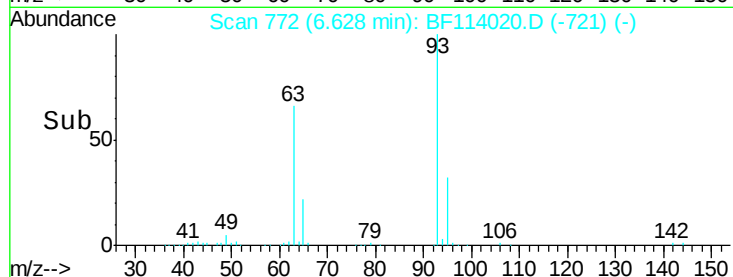
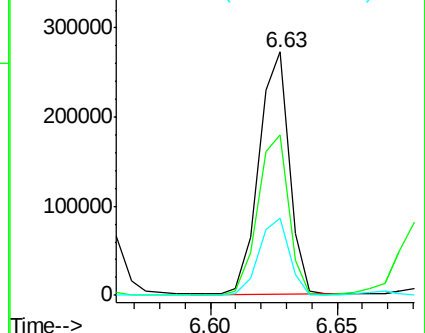
95 31.8 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.379 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

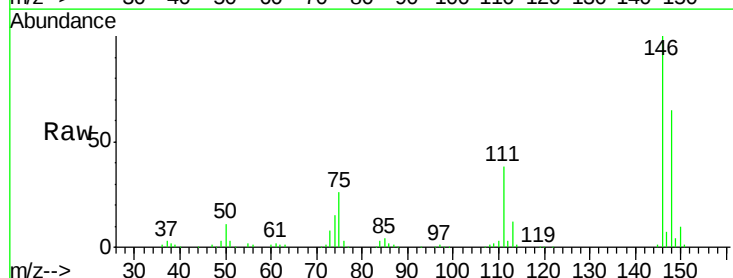
Tgt Ion: 146 Resp: 264740

Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.6

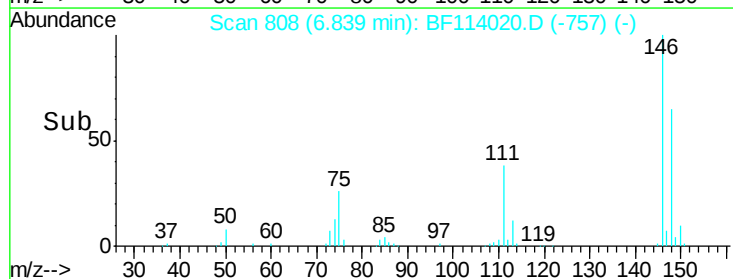
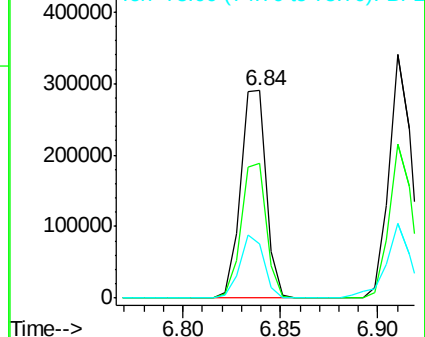
75 26.3 23.8 35.8

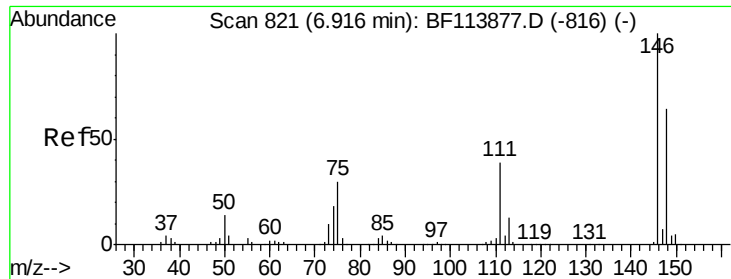


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

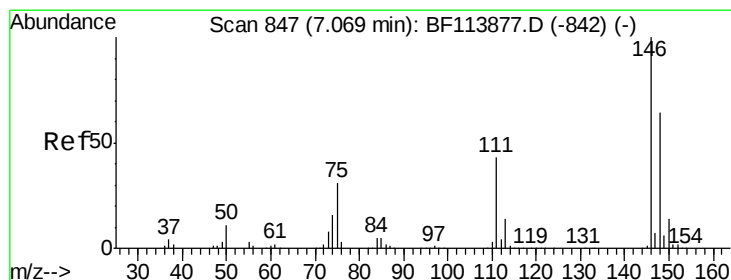
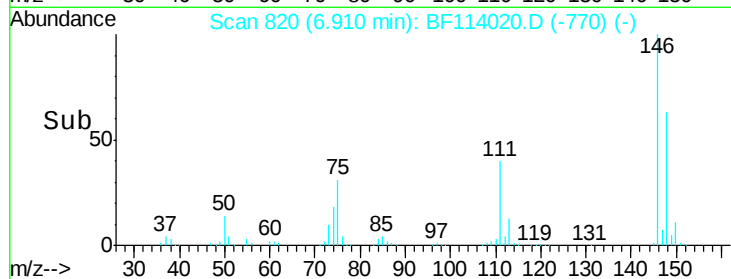
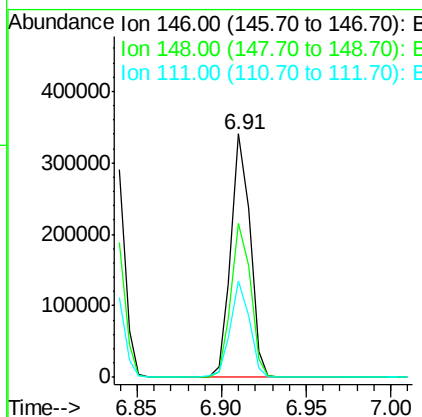
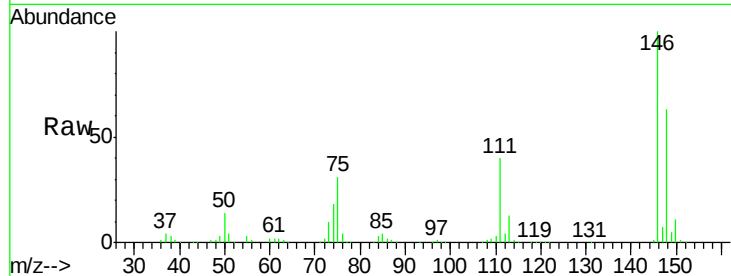




#13
 1,4-Dichlorobenzene
 Concen: 38.901 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF114020.D
 Acq: 29 Apr 2019 13:12

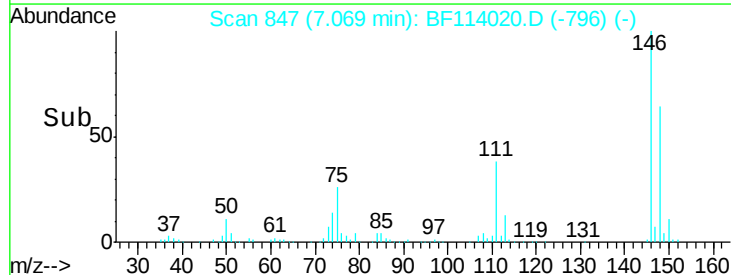
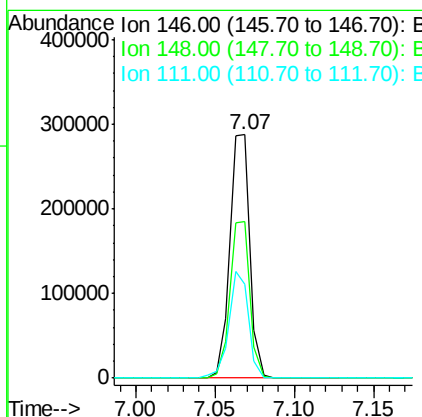
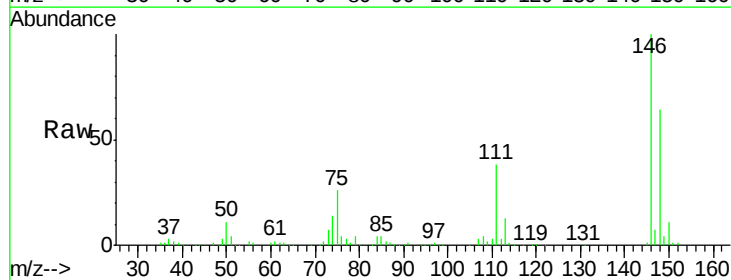
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 269900
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.8 77.8
 111 39.6 30.9 46.3



#14
 1,2-Dichlorobenzene
 Concen: 39.537 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF114020.D
 Acq: 29 Apr 2019 13:12

Tgt Ion:146 Resp: 252105
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.1 78.1
 111 38.4 34.2 51.4





#15

Benzyl Alcohol

Concen: 42.795 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

Instrument :

BNA_F

ClientSampleId :

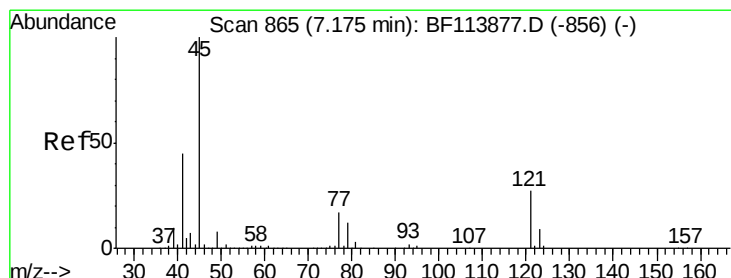
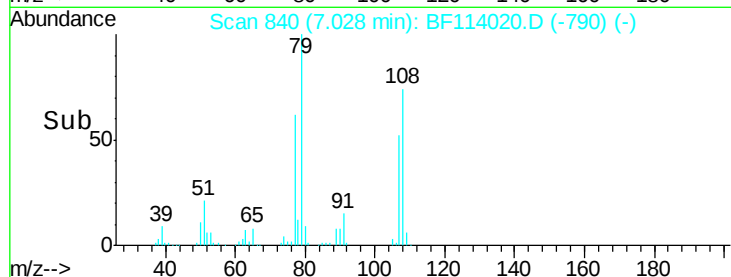
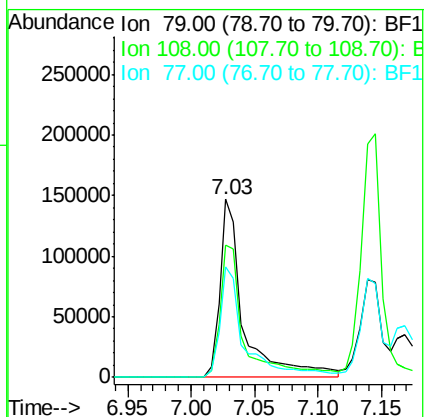
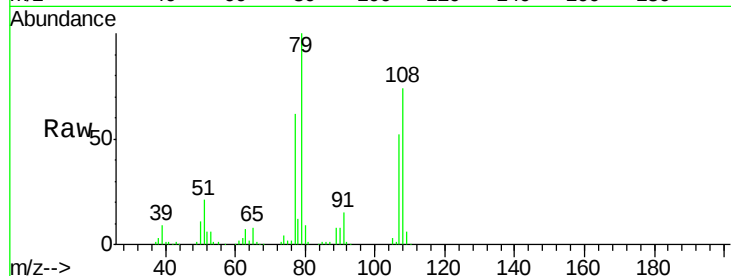
Tot Ion: 79 Resp: 192910

Ion Ratio Lower Upper

79 100

108 74.2 61.4 92.0

77 62.4 51.6 77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.171 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

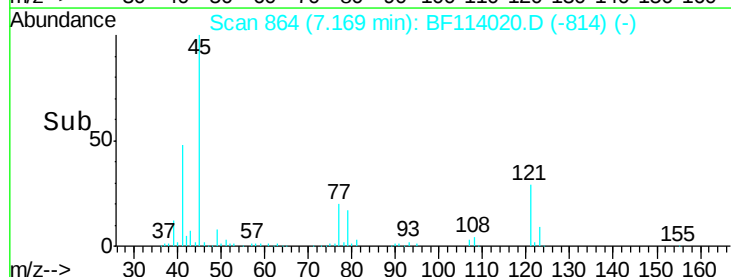
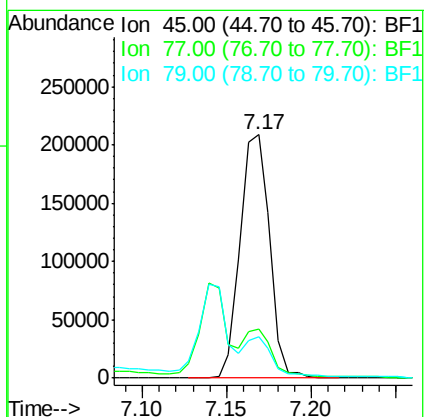
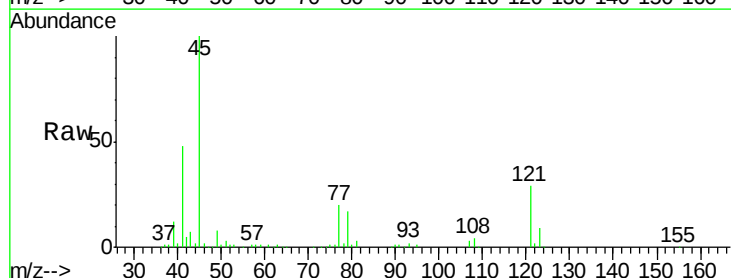
Tgt Ion: 45 Resp: 254301

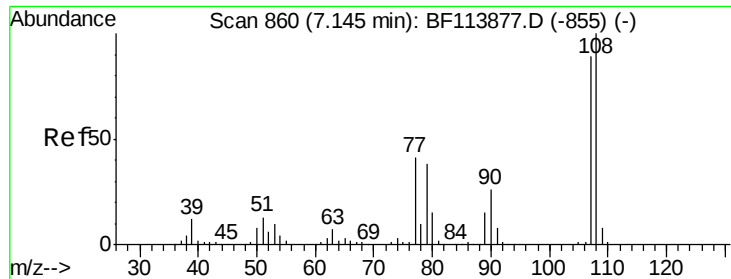
Ion Ratio Lower Upper

45 100

77 20.3 0.0 37.0

79 16.9 0.0 32.7

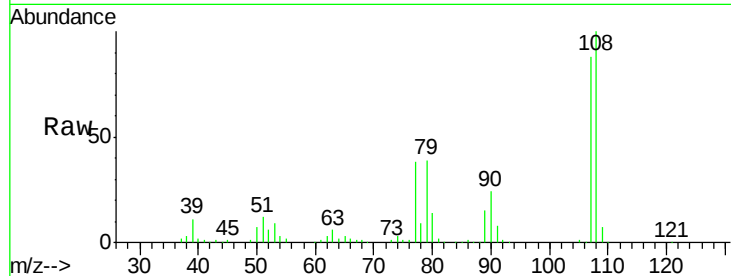




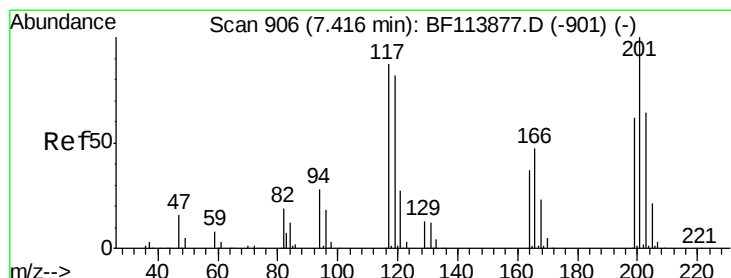
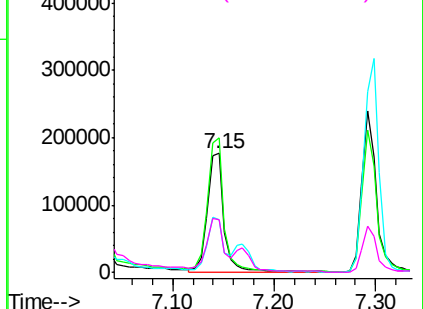
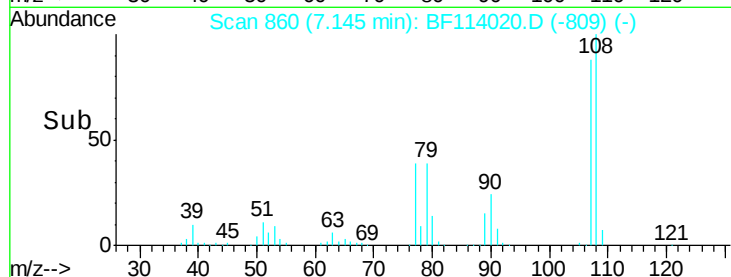
#17
2-Methylphenol
Concen: 37.562 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	200538
Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.5	137.3
77	43.7	36.2	54.4
79	44.3	35.4	53.0

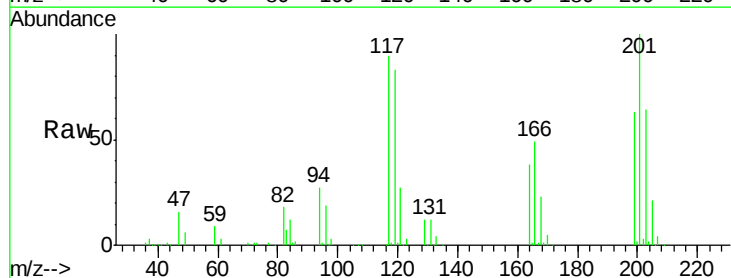


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

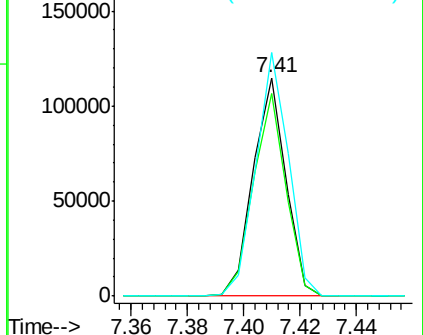
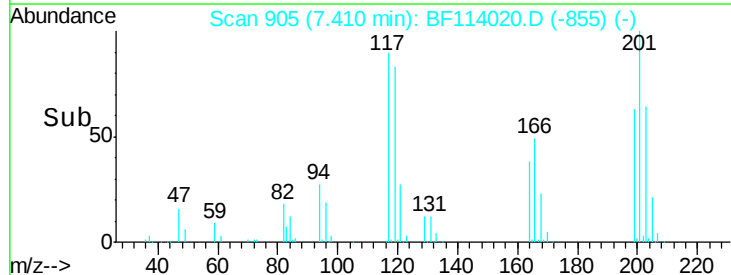


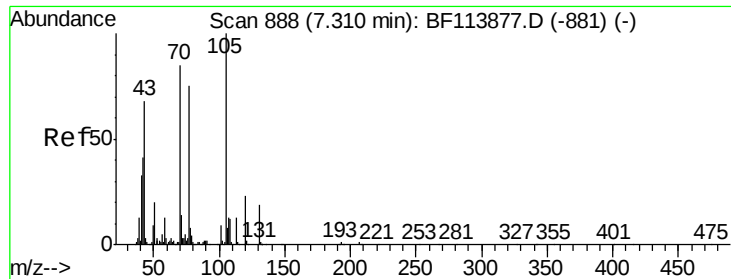
#18
Hexachloroethane
Concen: 38.039 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

Tgt Ion:	117	Resp:	92517
Ion	Ratio	Lower	Upper
117	100		
119	92.7	74.4	111.6
201	111.7	90.2	135.2



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

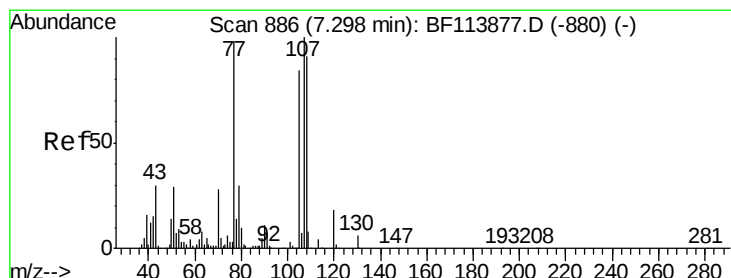
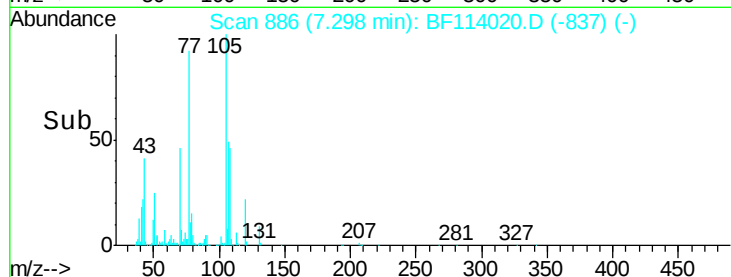
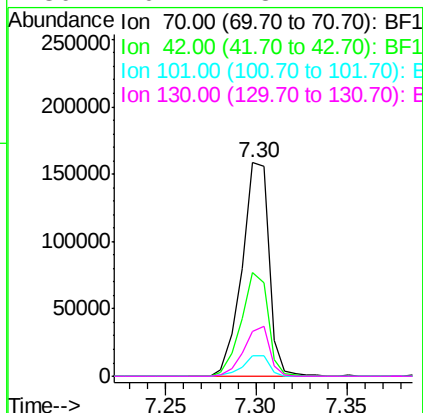
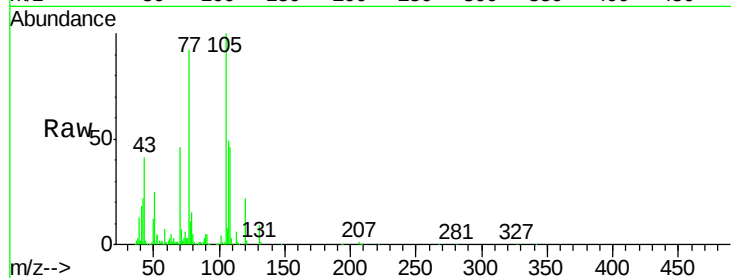




#19
n-Nitroso-di-n-propylamine
Concen: 37.807 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

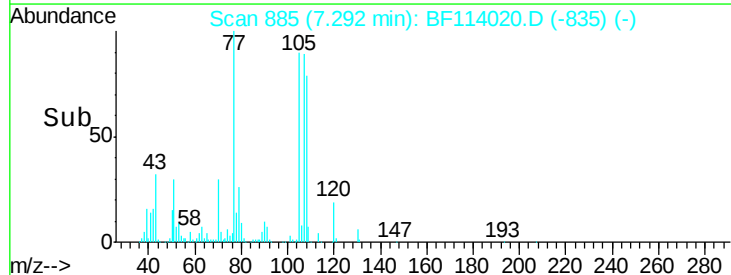
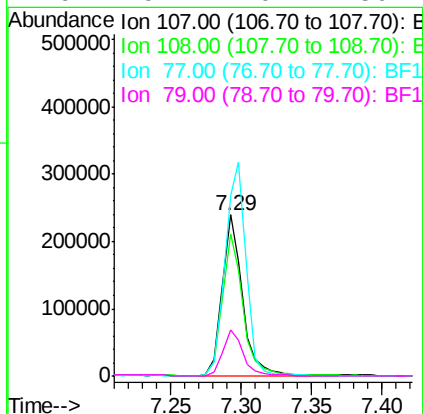
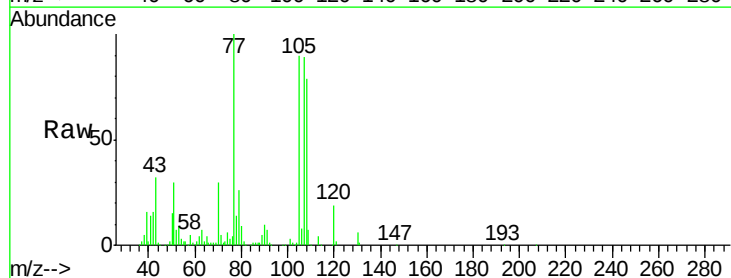
Instrument :
BNA_F
ClientSampled :

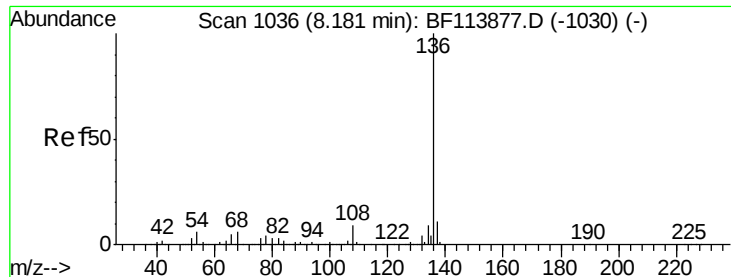
Tot Ion:	70	Resp:	163870
Ion	Ratio	Lower	Upper
70	100		
42	48.6	37.3	55.9
101	9.6	7.8	11.8
130	20.7	18.2	27.2



#20
3+4-Methylphenols
Concen: 39.431 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

Tgt Ion:	107	Resp:	237844
Ion	Ratio	Lower	Upper
107	100		
108	88.1	70.1	110.1
77	112.2	52.9	92.9#
79	29.1	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 344892

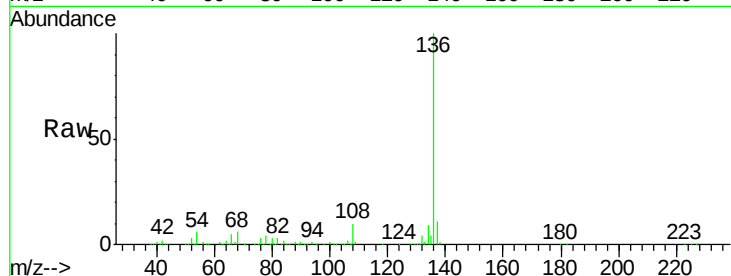
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 5.9 5.0 7.6

68 5.9 4.9 7.3

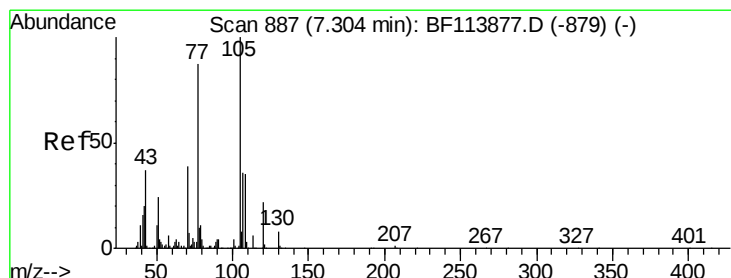
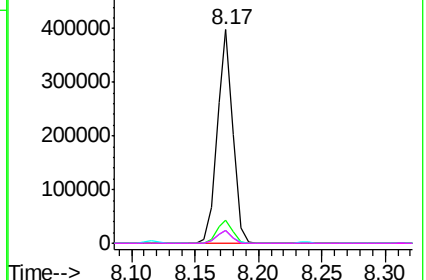
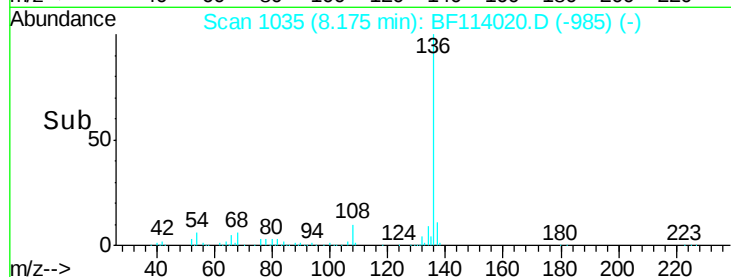


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.604 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

Tgt Ion:105 Resp: 326988

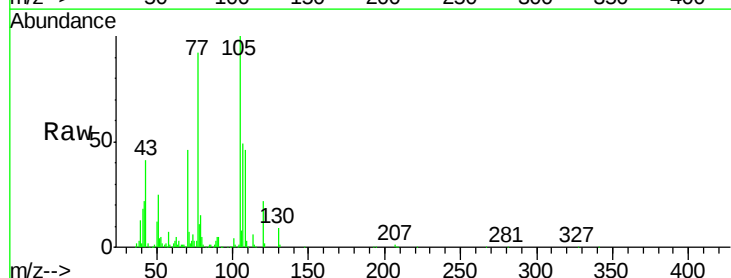
Ion Ratio Lower Upper

105 100

71 7.5 6.1 9.1

51 25.4 16.8 25.2#

120 22.1 17.6 26.4

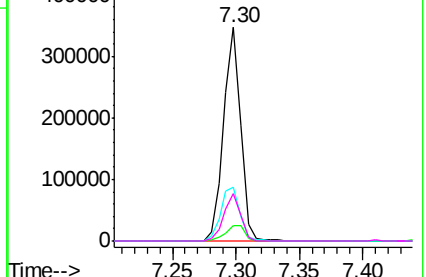
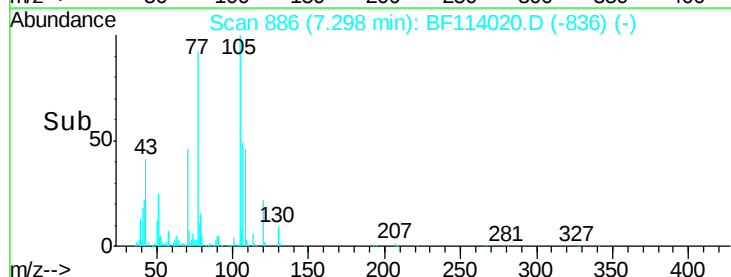


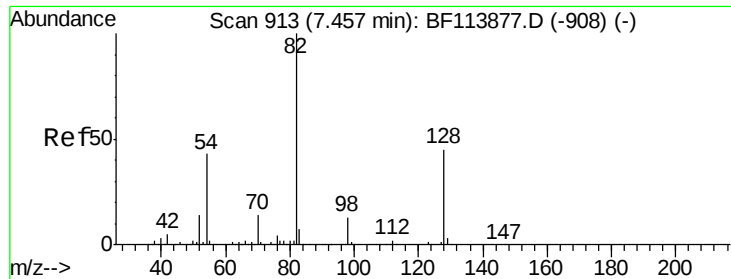
Abundance Ion 105.00 (104.70 to 105.70): E

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

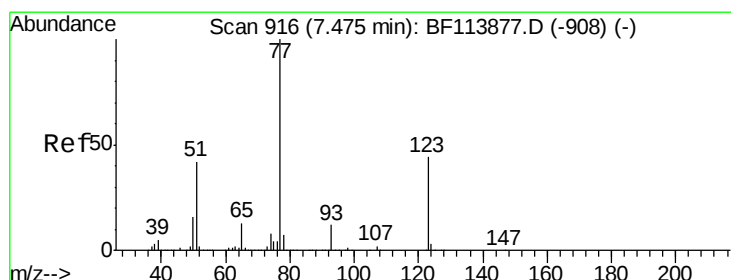
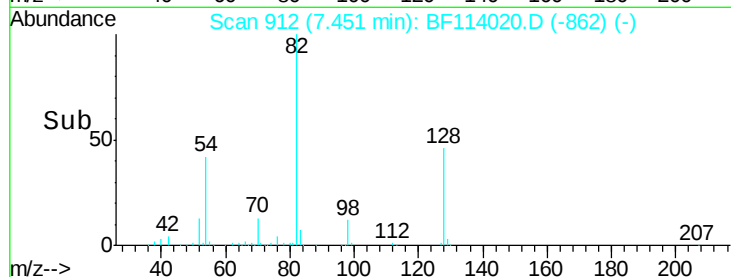
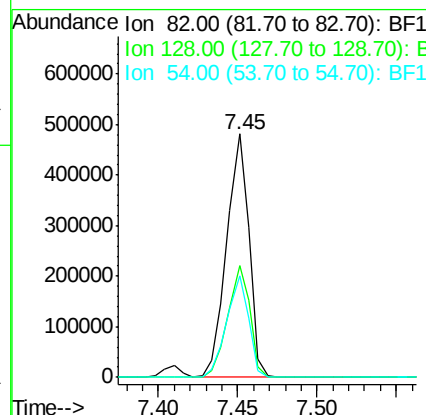
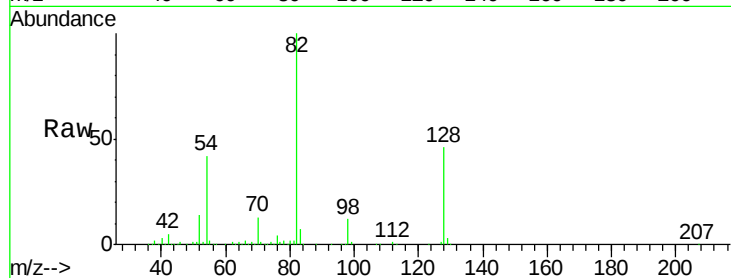




#23
 Nitrobenzene-d5
 Concen: 84.178 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF114020.D
 Acq: 29 Apr 2019 13:12

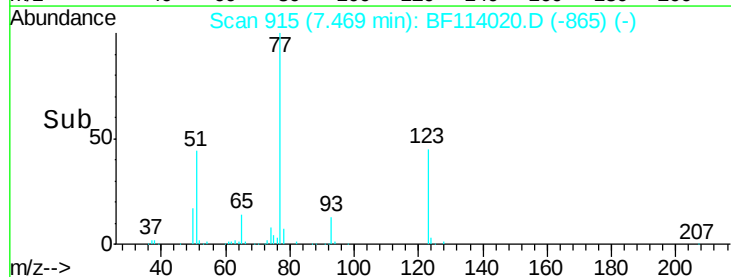
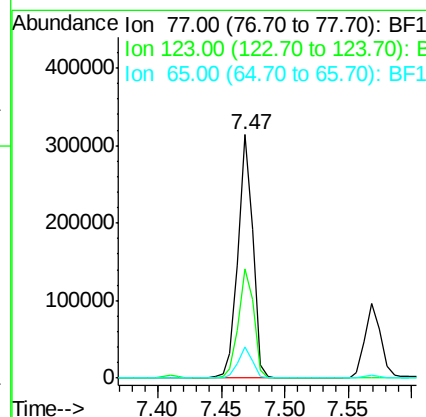
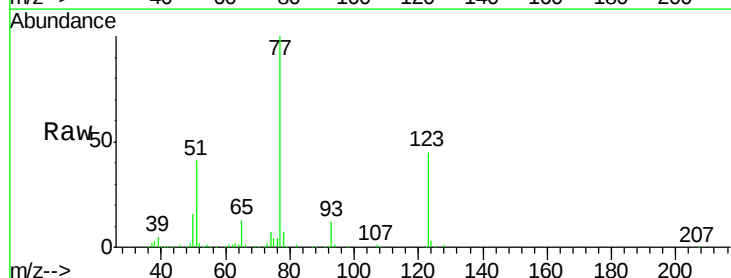
Instrument :
 BNA_F
 ClientSampleId :

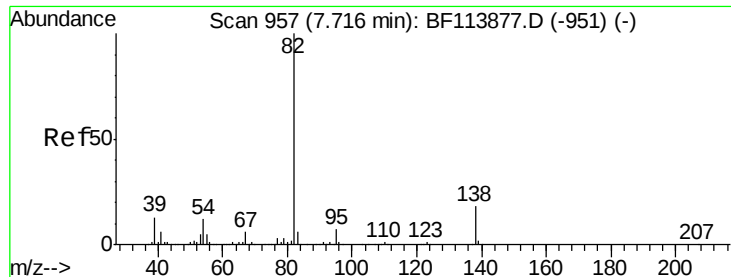
Tot Ion	82	Resp	470207
Ion Ratio	Lower	Upper	
82	100		
128	45.7	36.8	55.2
54	41.9	33.8	50.6



#24
 Nitrobenzene
 Concen: 41.029 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF114020.D
 Acq: 29 Apr 2019 13:12

Tgt Ion	77	Resp	253236
Ion Ratio	Lower	Upper	
77	100		
123	44.9	36.3	54.5
65	12.7	10.3	15.5





#25

Isophorone

Concen: 39.414 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

Instrument :

BNA_F

ClientSampleId :

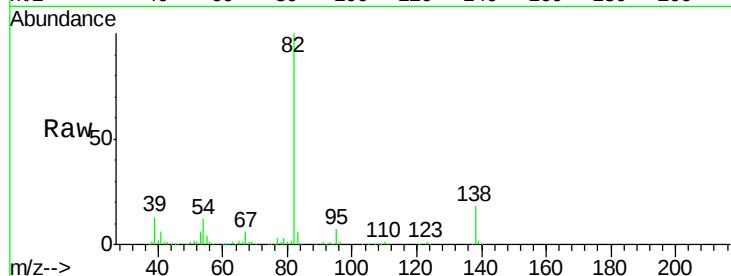
Tot Ion: 82 Resp: 450484

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

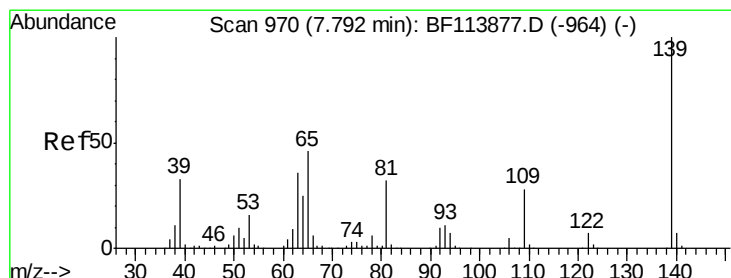
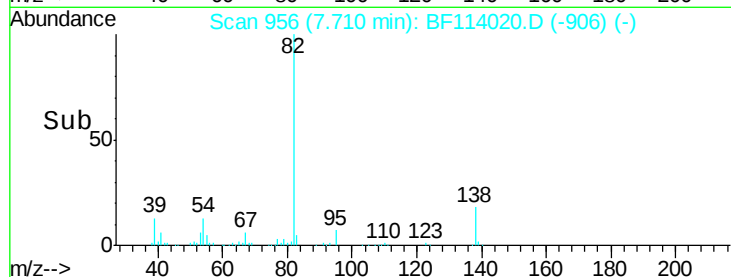
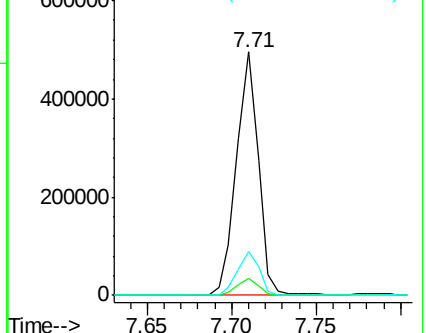
138 18.1 14.6 22.0



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: 43.973 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

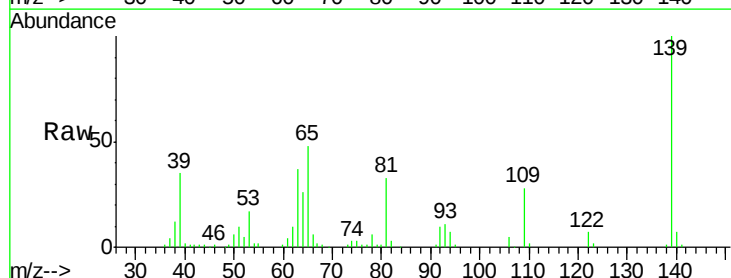
Tgt Ion: 139 Resp: 123818

Ion Ratio Lower Upper

139 100

109 28.3 20.6 31.0

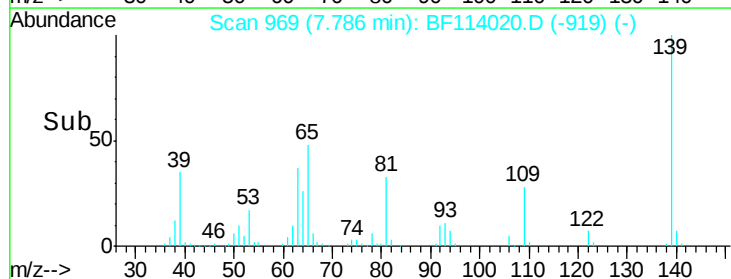
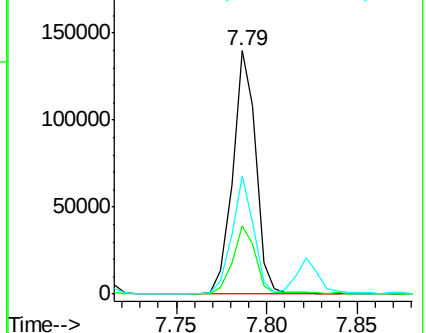
65 48.3 34.6 52.0

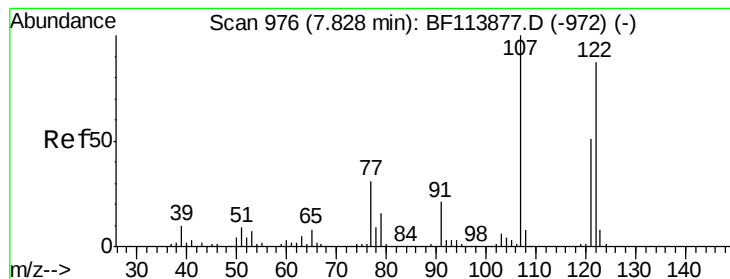


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 44.028 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

Instrument :

BNA_F

ClientSampleId :

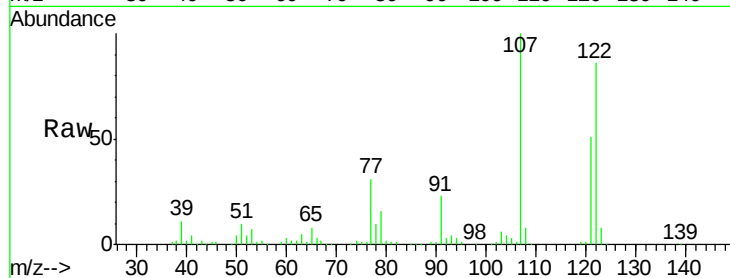
Tot Ion:122 Resp: 201983

Ion Ratio Lower Upper

122 100

107 116.7 91.2 136.8

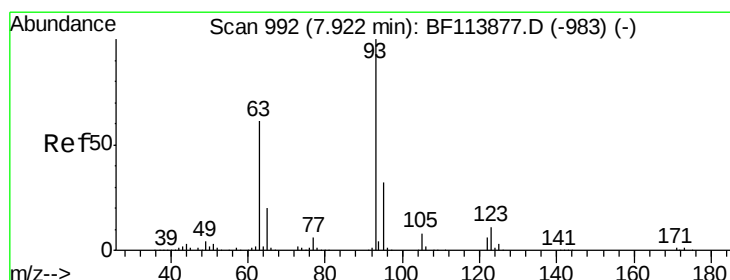
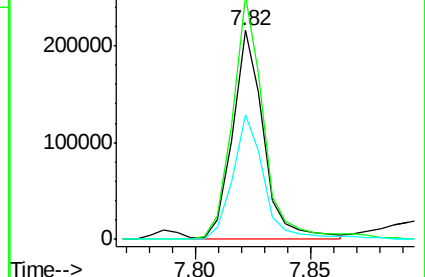
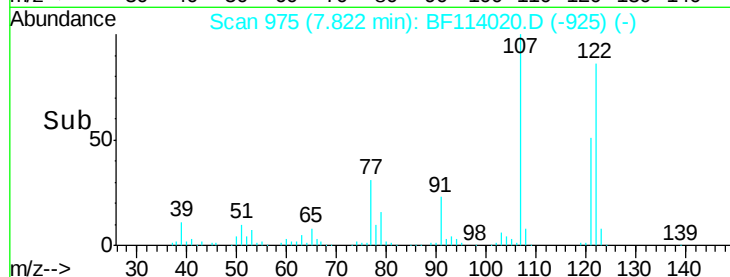
121 59.5 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.836 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

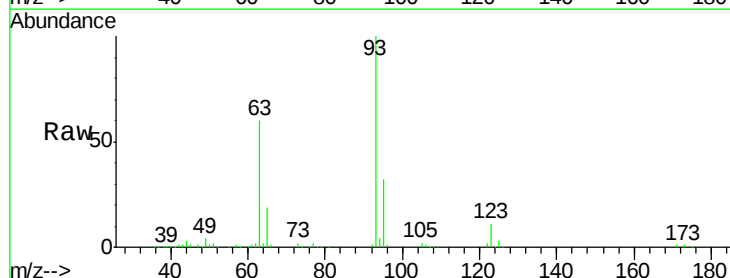
Tgt Ion: 93 Resp: 290127

Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.6

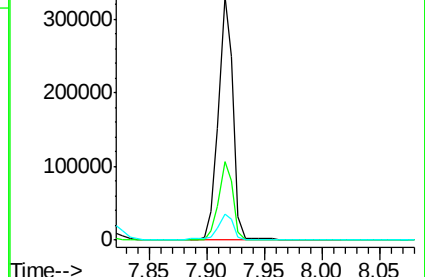
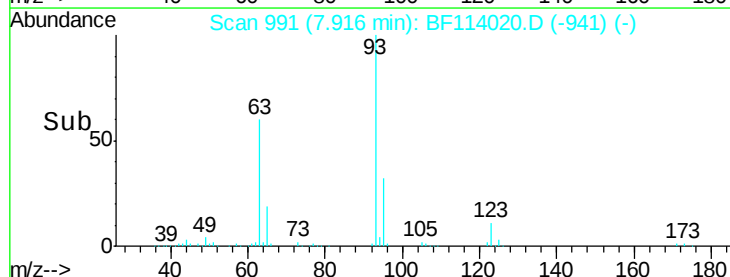
123 10.6 9.0 13.6

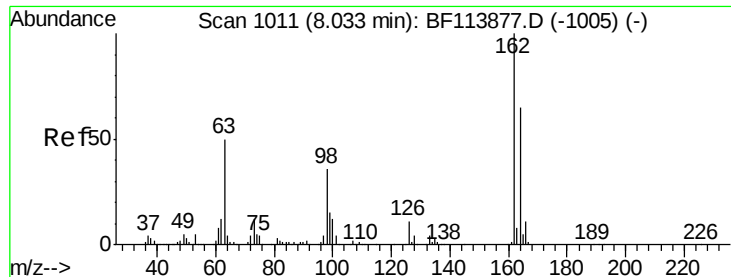


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

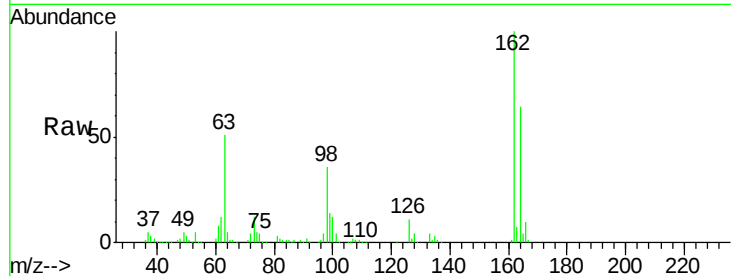




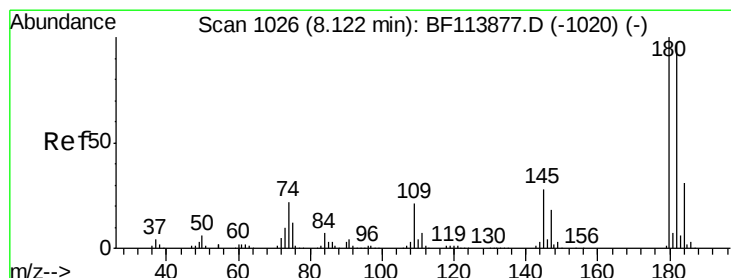
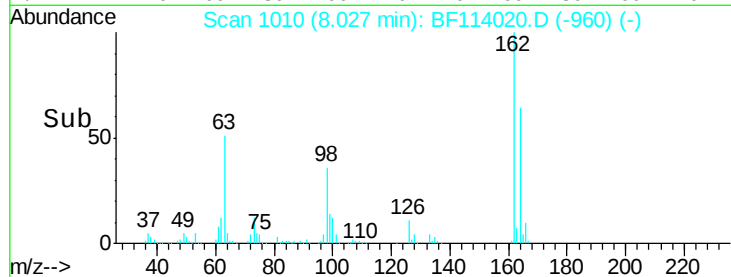
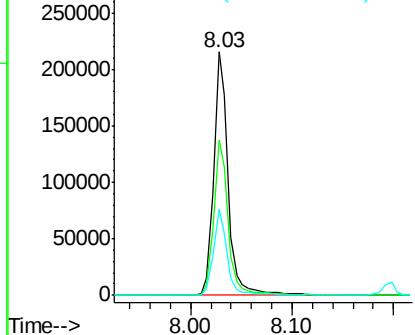
#29
2,4-Dichlorophenol
Concen: 40.869 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 214401
Ion Ratio Lower Upper
162 100
164 63.8 43.7 83.7
98 35.5 15.5 55.5

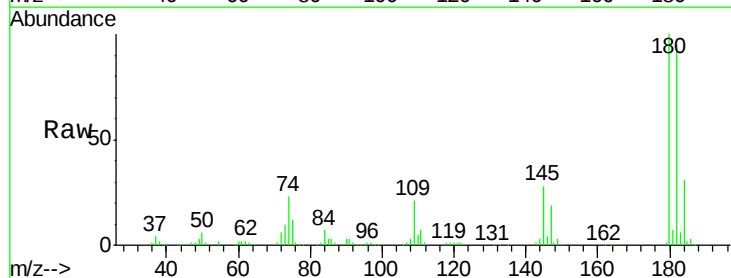


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

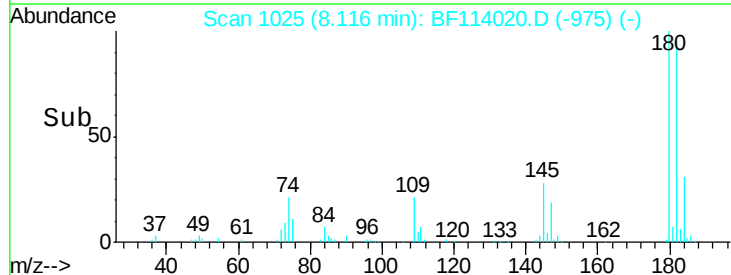
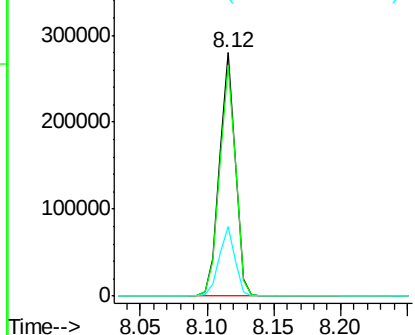


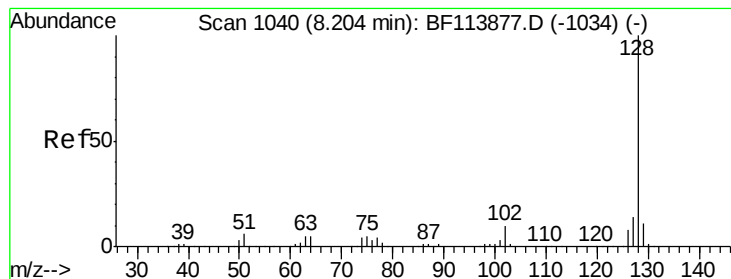
#30
1,2,4-Trichlorobenzene
Concen: 40.586 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

Tgt Ion:180 Resp: 237406
Ion Ratio Lower Upper
180 100
182 94.9 75.4 113.0
145 28.5 23.0 34.4



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: 41.679 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

Instrument :

BNA_F

ClientSampleId :

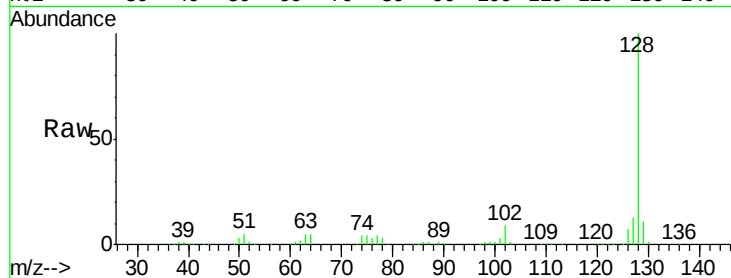
Tot Ion:128 Resp: 682886

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.0

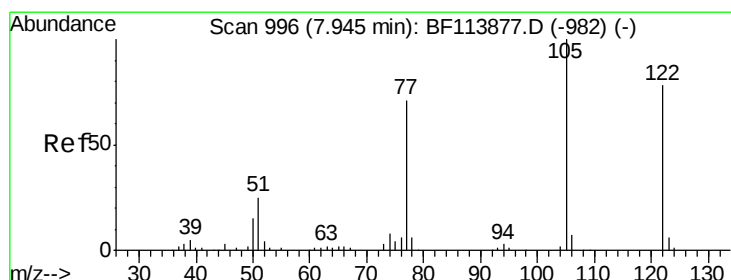
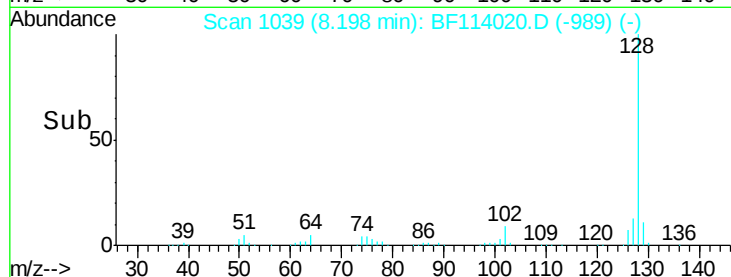
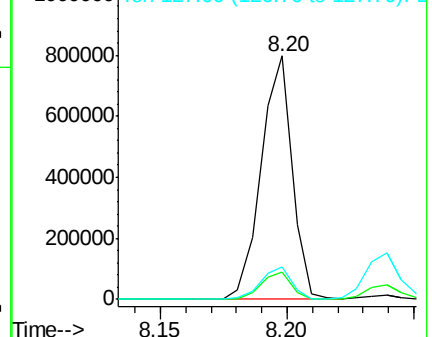
127 13.1 10.8 16.2



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: 13.318 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.05 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

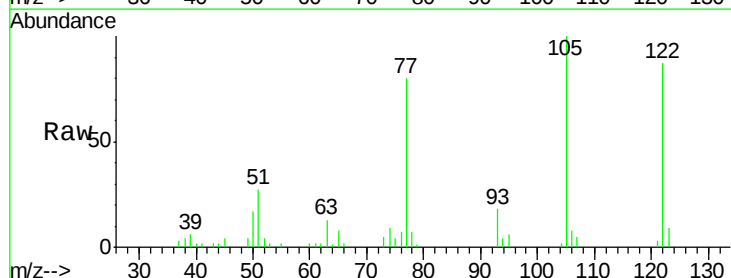
Tgt Ion:122 Resp: 41260

Ion Ratio Lower Upper

122 100

105 114.6 104.3 144.3

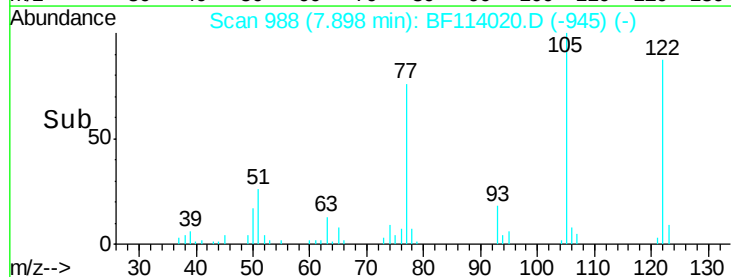
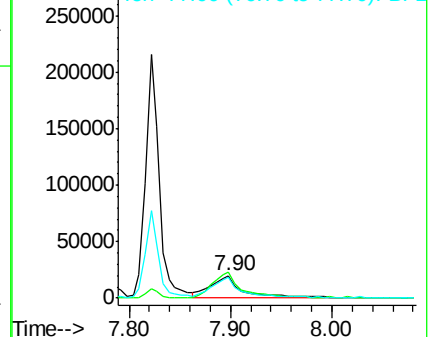
77 91.3 70.4 110.4

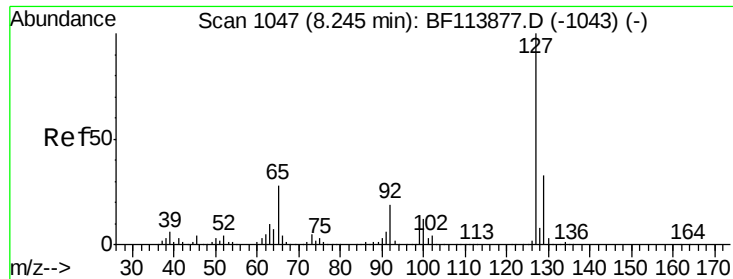


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

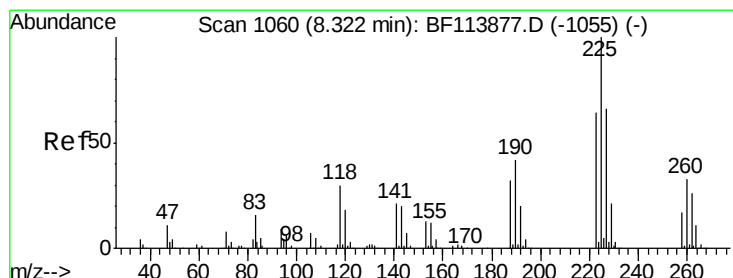
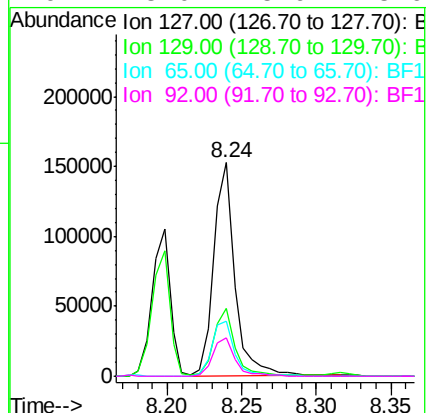
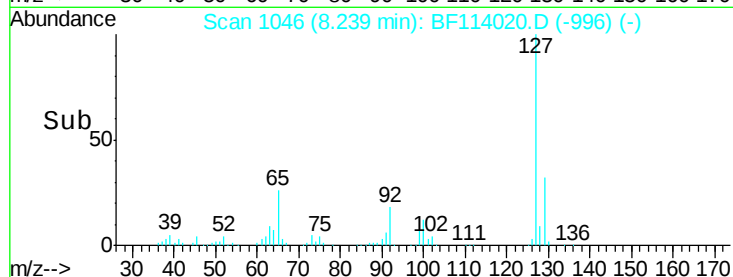
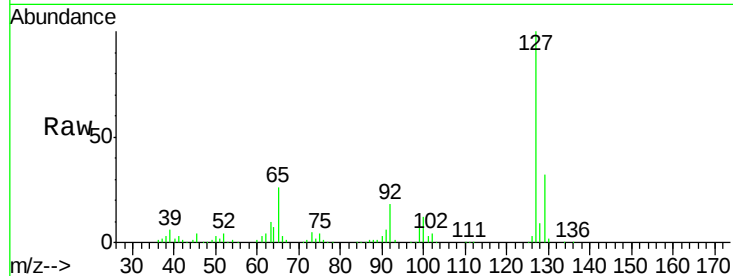




#33
4-Chloroaniline
Concen: 21.685 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

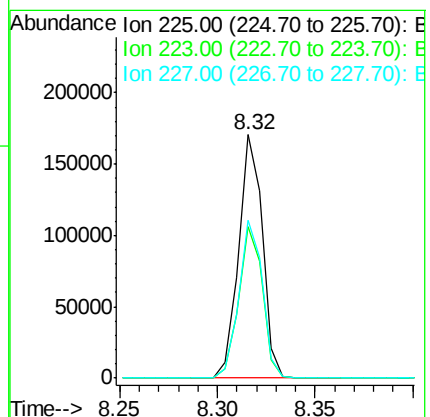
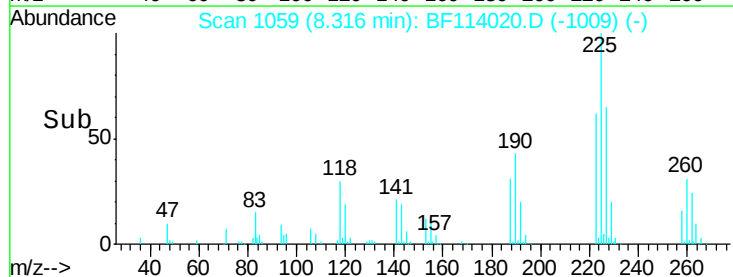
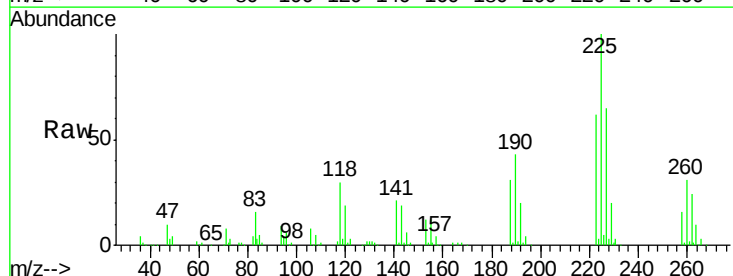
Instrument :
BNA_F
ClientSampleId :

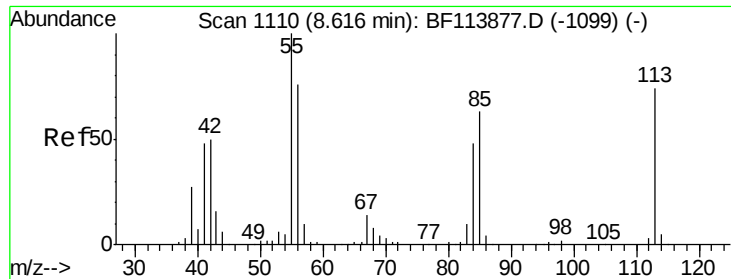
Tot Ion:127	Resp:	150339
Ion	Ratio	Lower Upper
127	100	
129	31.7	26.4 39.6
65	26.0	24.9 37.3
92	18.0	15.9 23.9



#34
Hexachlorobutadiene
Concen: 39.441 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

Tgt Ion:225	Resp:	143819
Ion	Ratio	Lower Upper
225	100	
223	62.2	51.1 76.7
227	64.8	49.9 74.9

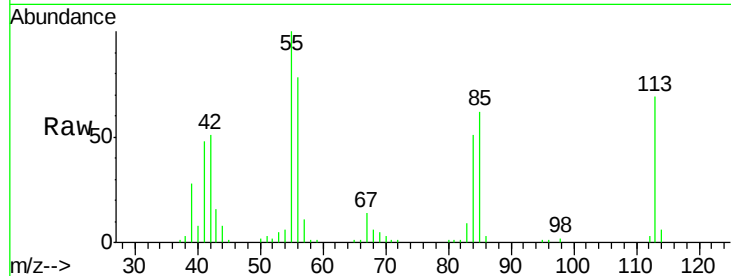




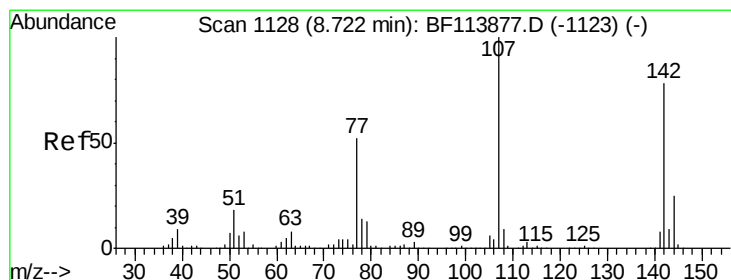
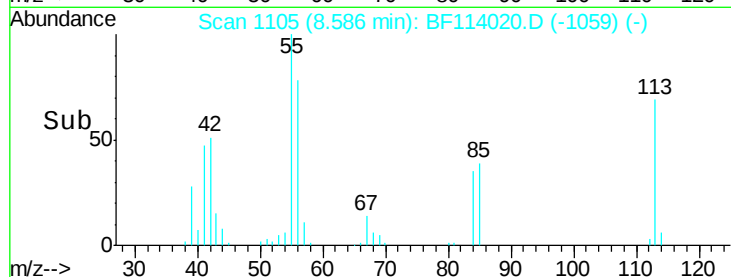
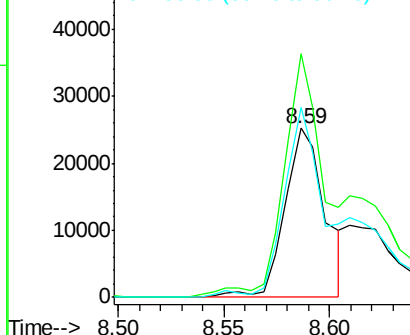
#35
 Caprolactam
 Concen: 19.950 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.03 min
 Lab File: BF114020.D
 Acq: 29 Apr 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 33293
 Ion Ratio Lower Upper
 113 100
 55 144.0 128.6 168.6
 56 112.3 91.9 131.9

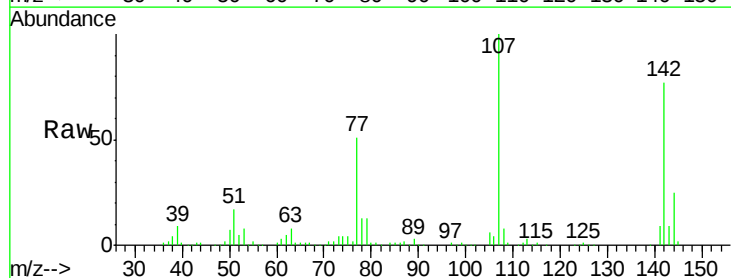


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

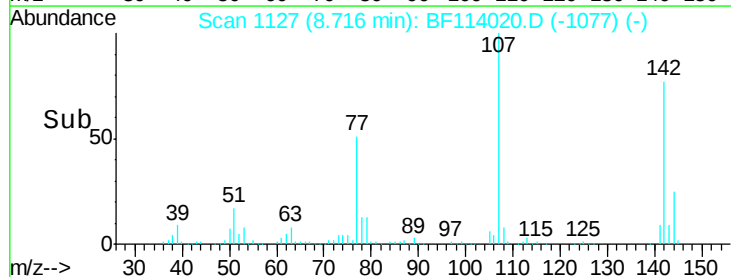
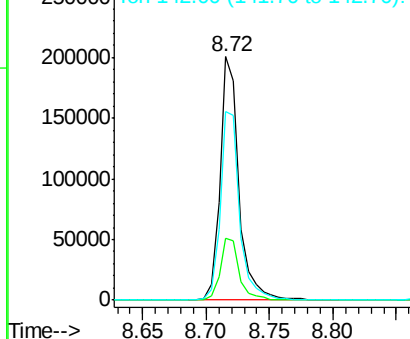


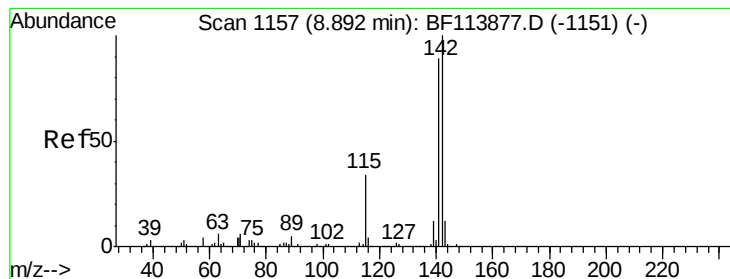
#36
 4-Chloro-3-methylphenol
 Concen: 40.102 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF114020.D
 Acq: 29 Apr 2019 13:12

Tgt Ion:107 Resp: 208428
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 77.3 64.2 96.4



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: 42.156 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

Instrument :

BNA_F

ClientSampleId :

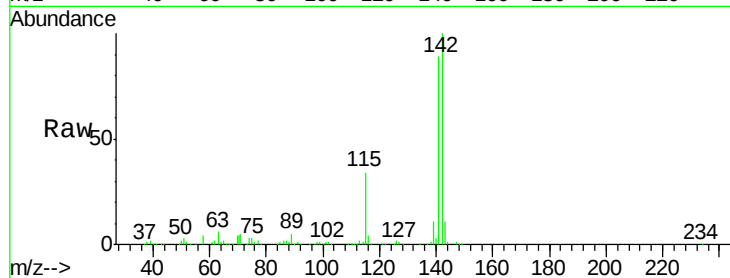
Tot Ion:142 Resp: 465766

Ion Ratio Lower Upper

142 100

141 88.7 70.4 105.6

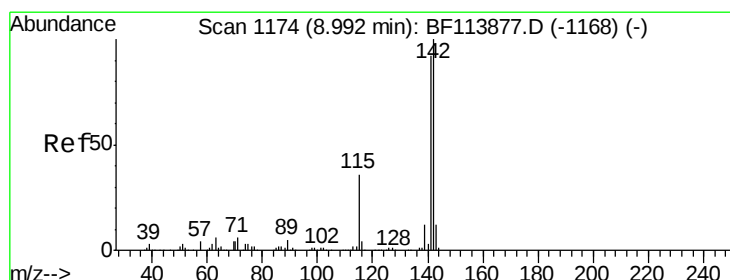
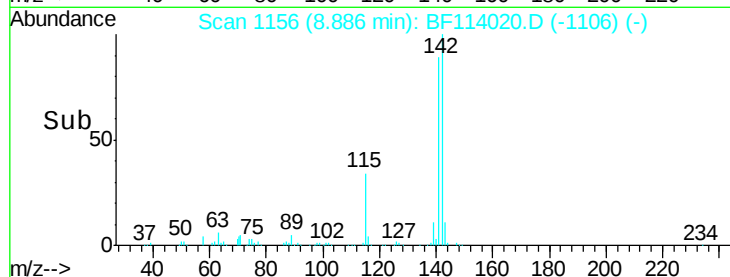
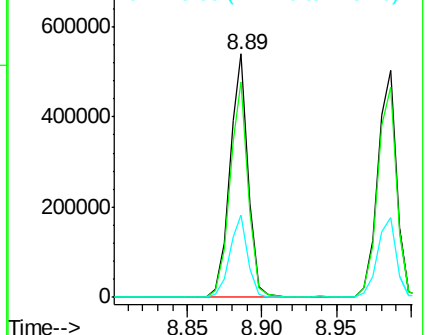
115 33.7 26.3 39.5



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: 40.522 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

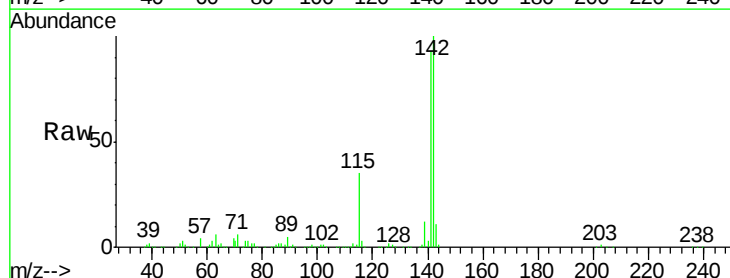
Tgt Ion:142 Resp: 432115

Ion Ratio Lower Upper

142 100

141 92.8 72.3 108.5

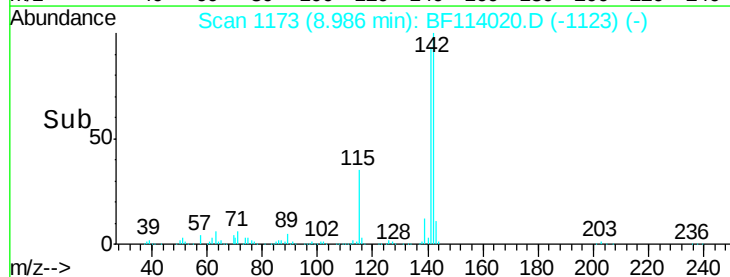
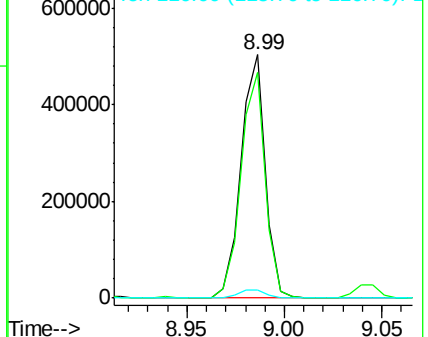
116 3.5 3.0 4.4

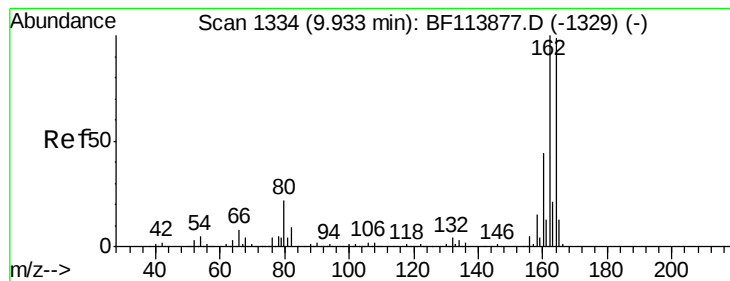


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

Instrument :

BNA_F

ClientSampleId :

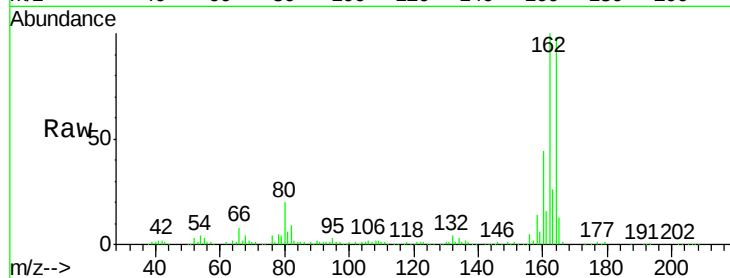
Tot Ion:164 Resp: 174360

Ion Ratio Lower Upper

164 100

162 102.4 81.1 121.7

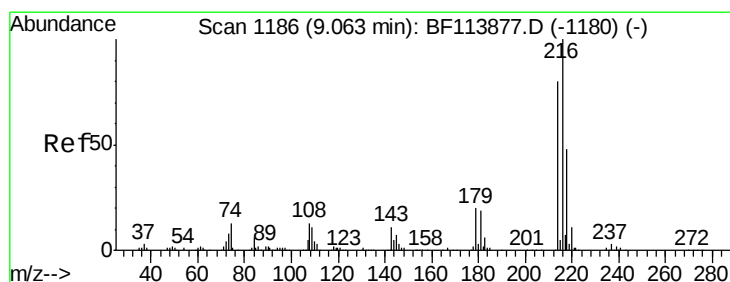
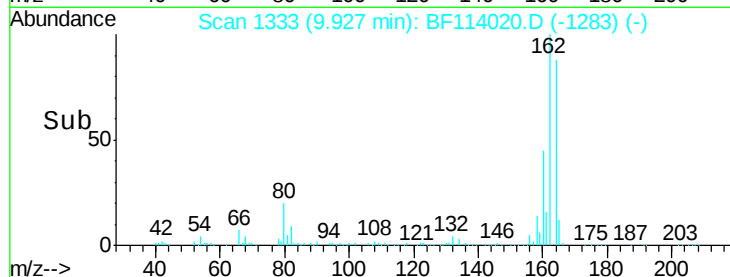
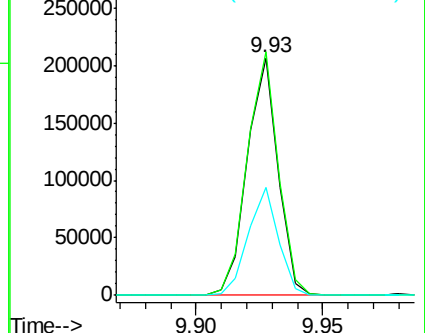
160 45.5 35.8 53.6



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: 41.897 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

Tgt Ion:216 Resp: 237295

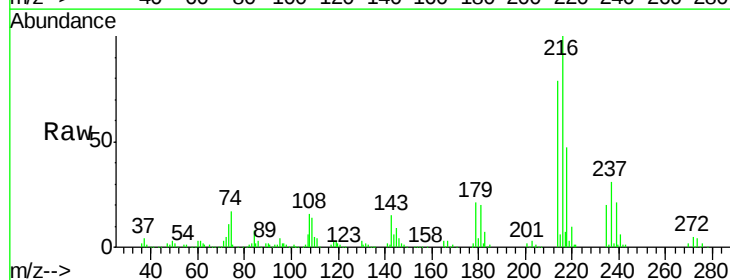
Ion Ratio Lower Upper

216 100

214 79.2 63.5 95.3

179 20.1 16.1 24.1

108 17.2 13.4 20.0

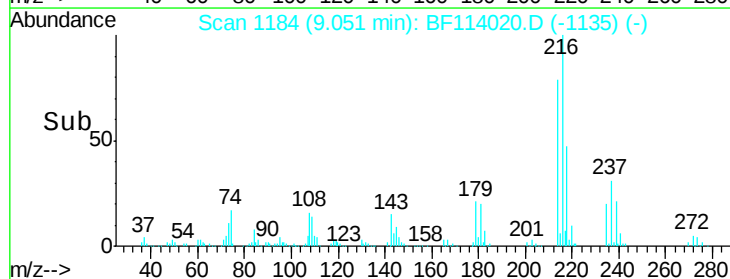
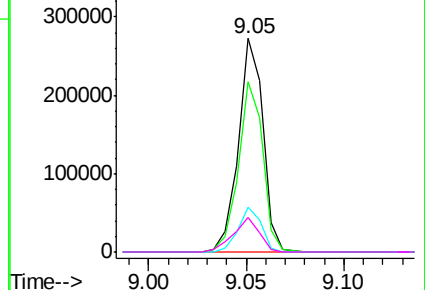


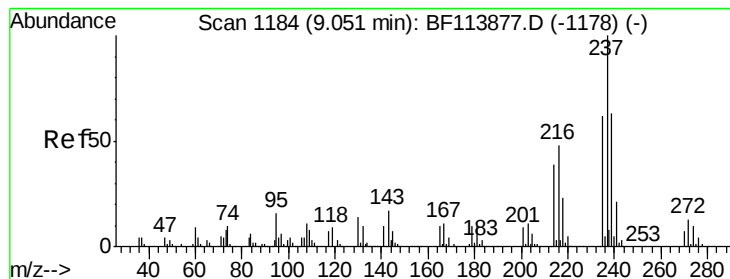
Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.973 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

Instrument :

BNA_F

ClientSampleId :

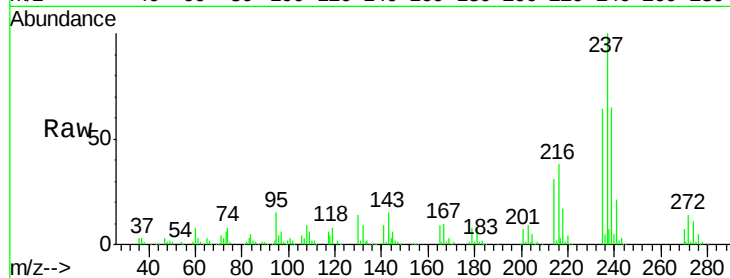
Tot Ion:237 Resp: 243108

Ion Ratio Lower Upper

237 100

235 63.7 42.6 82.6

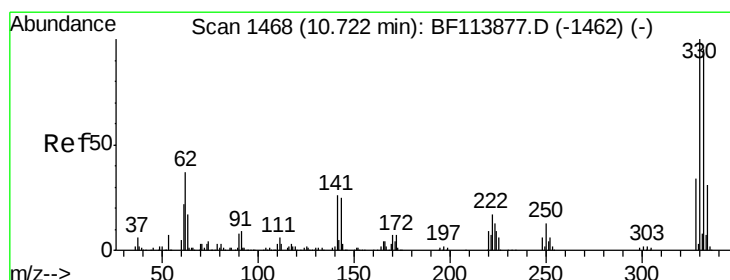
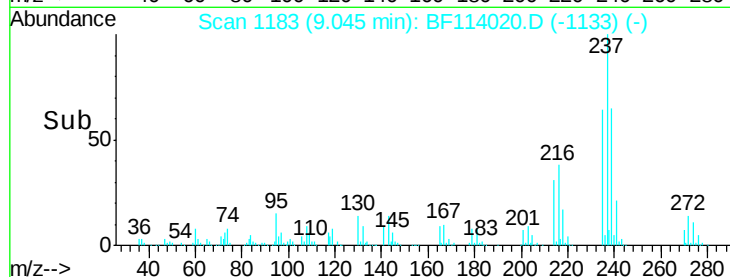
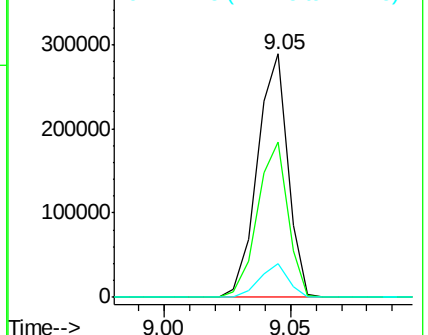
272 13.7 0.0 33.8



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: 108.051 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

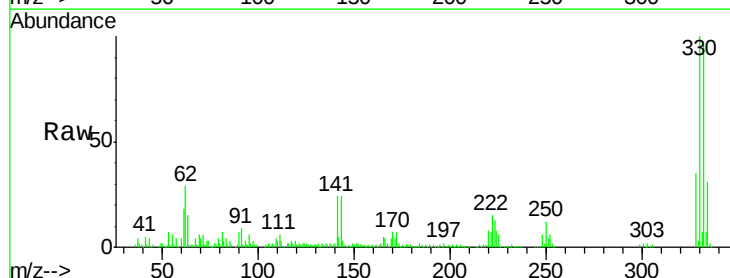
Tgt Ion:330 Resp: 229507

Ion Ratio Lower Upper

330 100

332 96.5 77.5 116.3

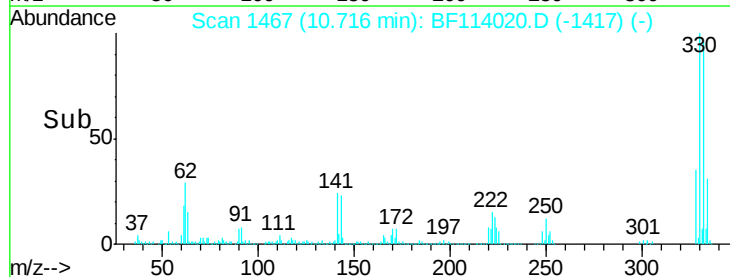
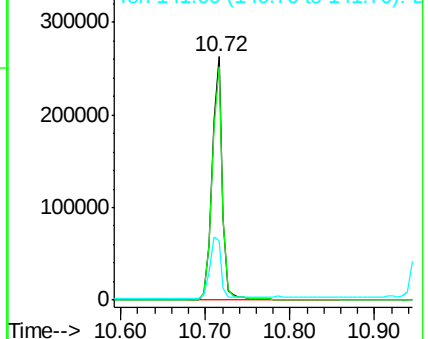
141 27.5 22.2 33.2

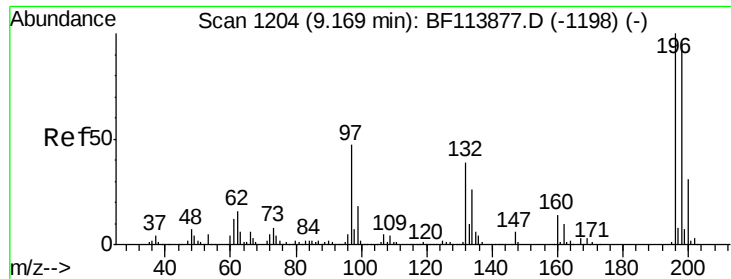


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

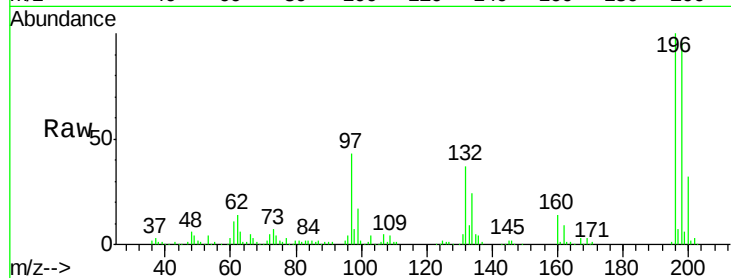




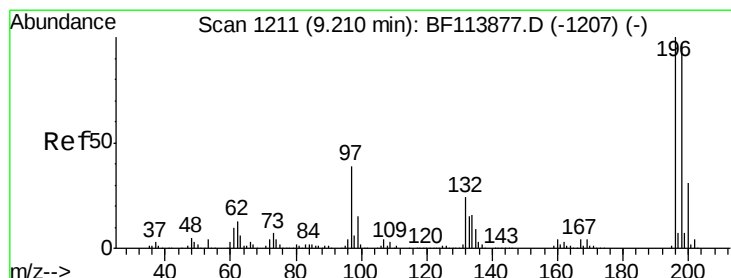
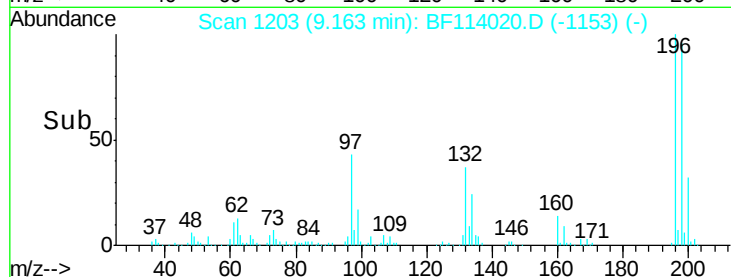
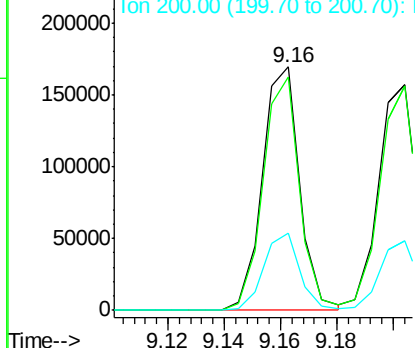
#43
 2,4,6-Trichlorophenol
 Concen: 43.035 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114020.D
 Acq: 29 Apr 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 154775
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.6 113.4
 200 31.5 24.7 37.1

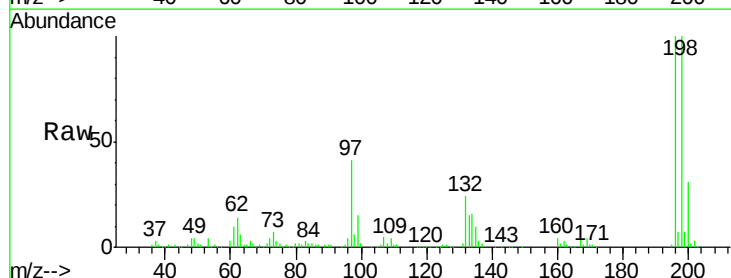


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

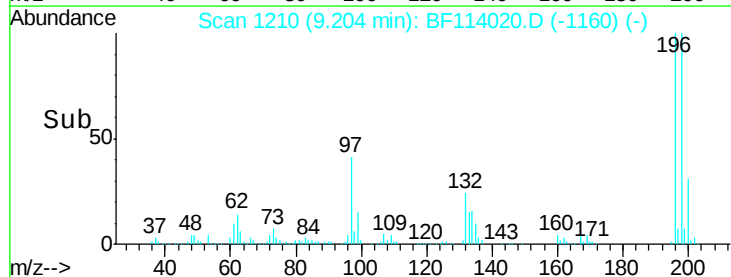
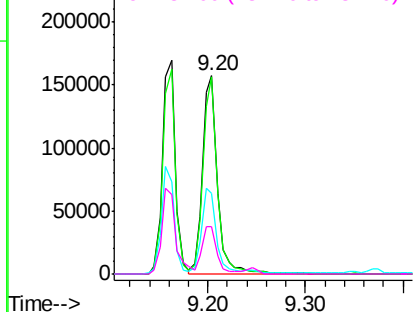


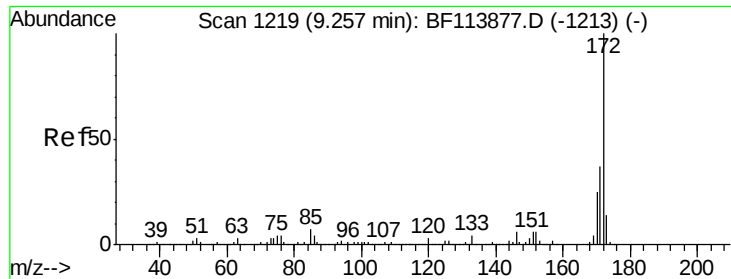
#44
 2,4,5-Trichlorophenol
 Concen: 41.156 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114020.D
 Acq: 29 Apr 2019 13:12

Tgt Ion:196 Resp: 166022
 Ion Ratio Lower Upper
 196 100
 198 99.6 76.2 114.4
 97 40.6 35.8 53.8
 132 23.7 20.9 31.3



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: 84.560 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

Instrument :

BNA_F

ClientSampled :

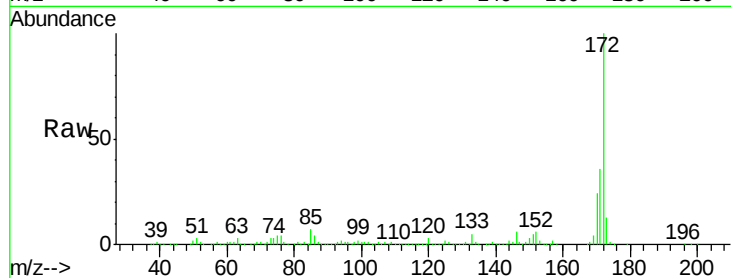
Tot Ion:172 Resp: 942686

Ion Ratio Lower Upper

172 100

171 35.8 29.4 44.0

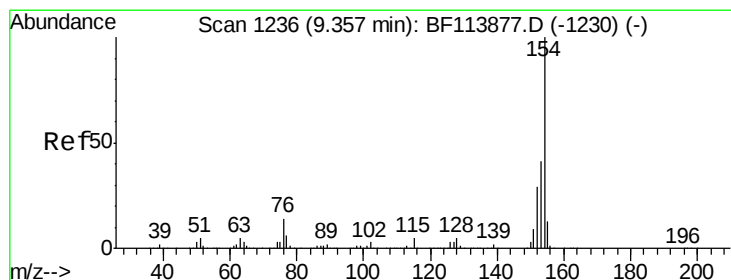
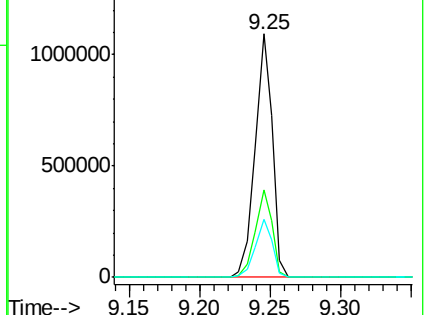
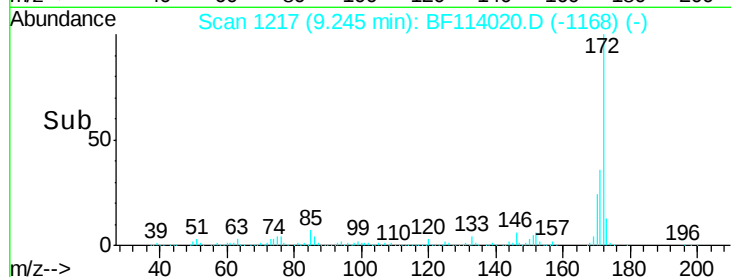
170 24.1 19.9 29.9



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: 43.350 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

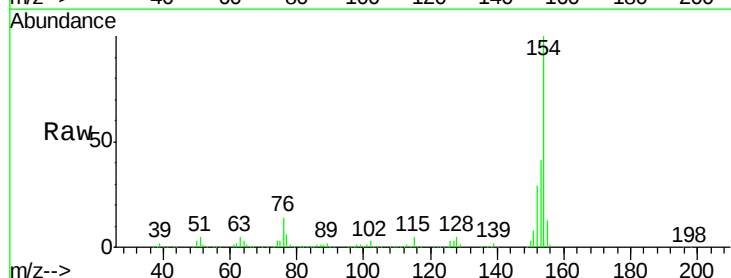
Tgt Ion:154 Resp: 577416

Ion Ratio Lower Upper

154 100

153 40.8 20.8 60.8

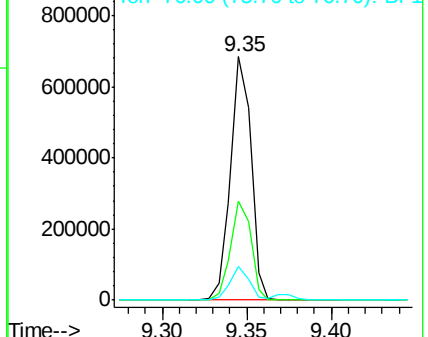
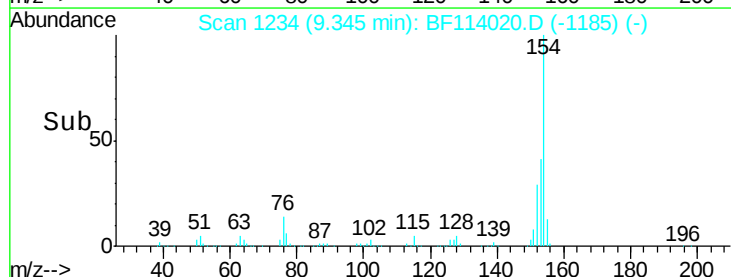
76 13.7 0.0 35.2

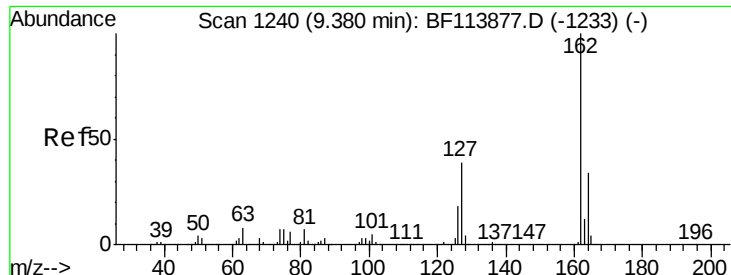


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

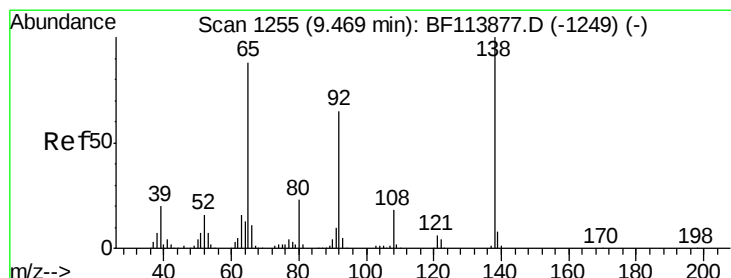
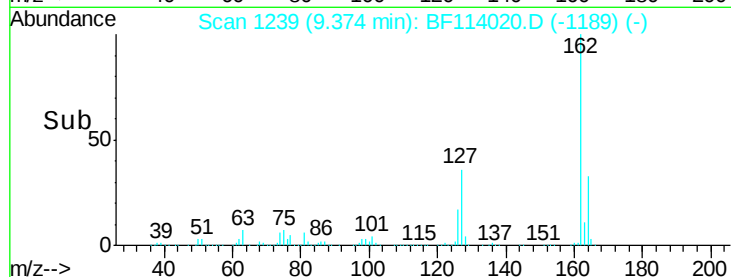
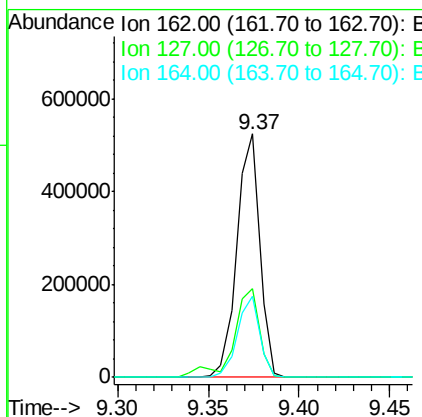
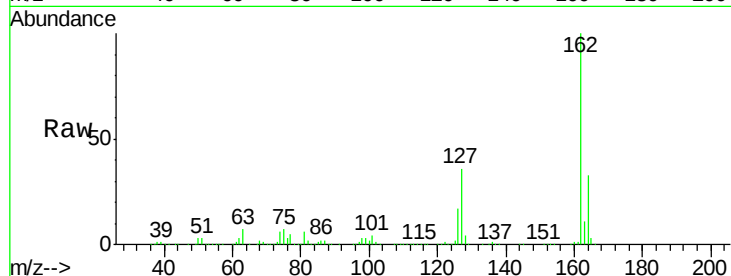




#47
 2-Chloronaphthalene
 Concen: 42.524 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF114020.D
 Acq: 29 Apr 2019 13:12

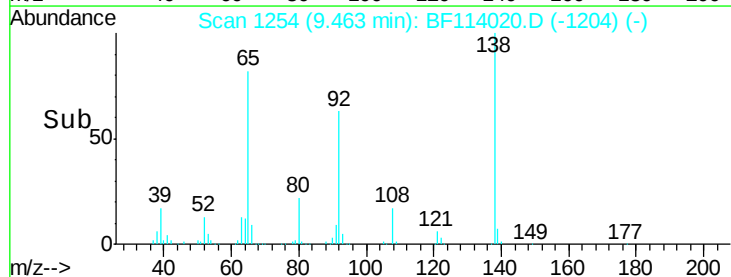
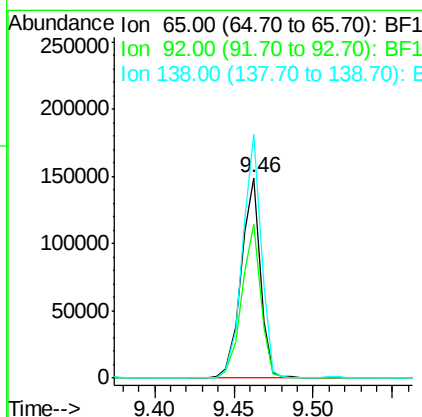
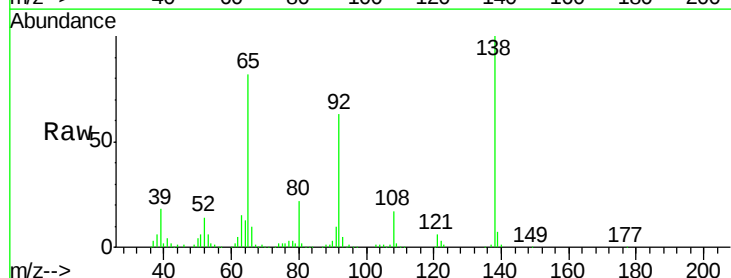
Instrument :
 BNA_F
 ClientSampleId :

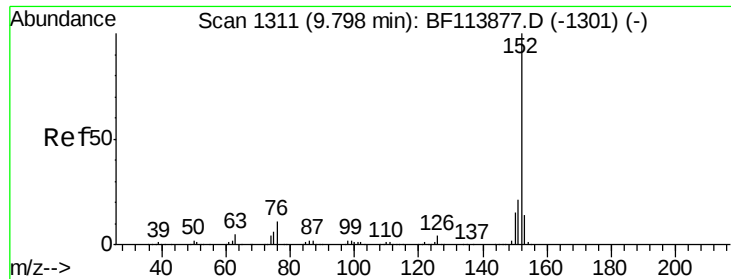
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.4	29.3	43.9
164	33.3	27.1	40.7



#48
 2-Nitroaniline
 Concen: 44.128 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF114020.D
 Acq: 29 Apr 2019 13:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.7	57.4	86.0
138	121.5	85.4	128.0





#49

Acenaphthylene

Concen: 41.206 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

Instrument :

BNA_F

ClientSampleId :

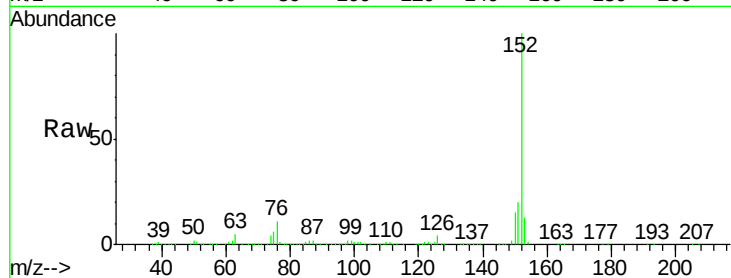
Tot Ion:152 Resp: 698759

Ion Ratio Lower Upper

152 100

151 20.3 17.0 25.4

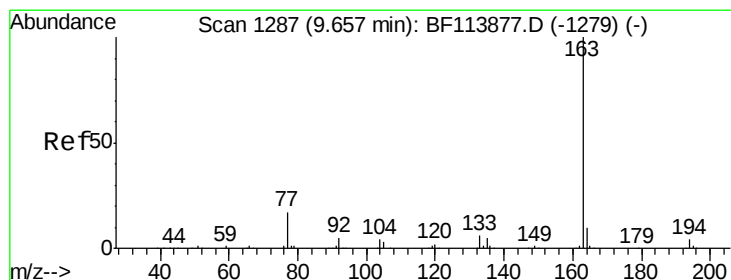
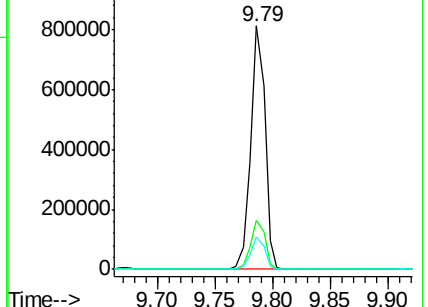
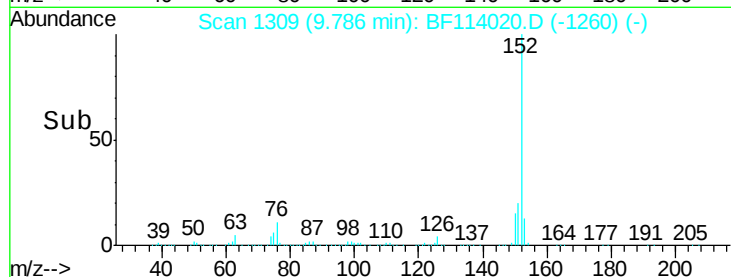
153 13.2 11.0 16.6



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: 50.008 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

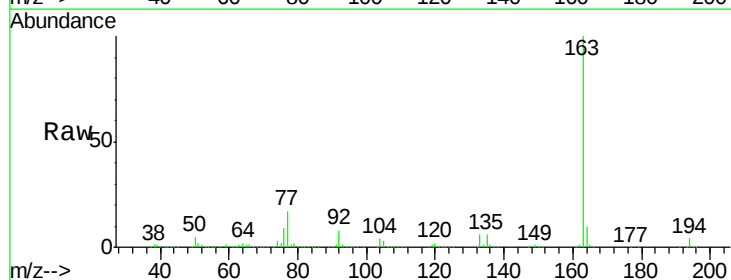
Tgt Ion:163 Resp: 630607

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

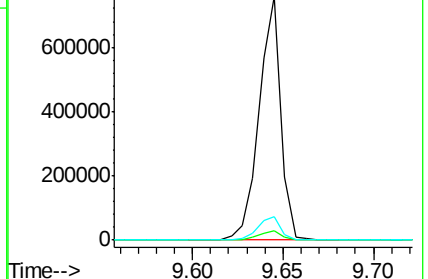
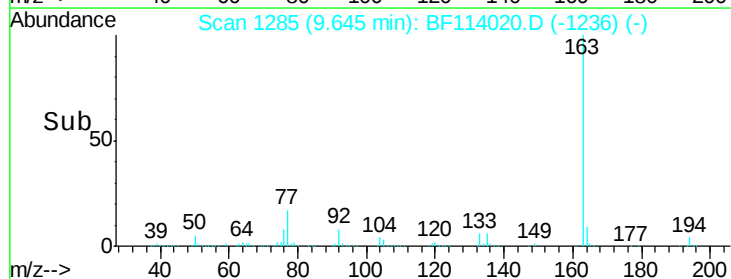
164 9.9 8.5 12.7

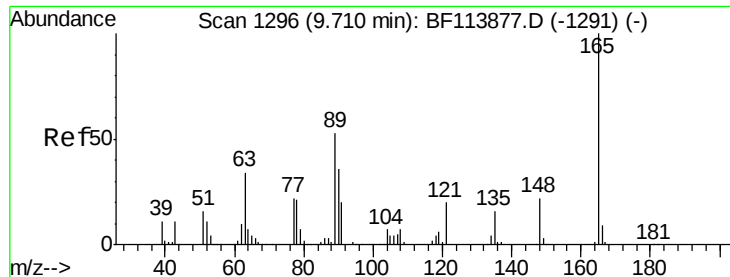


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

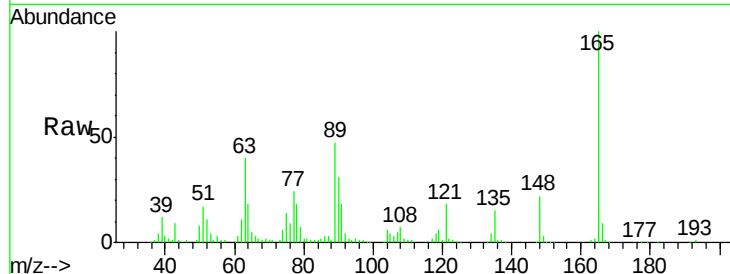




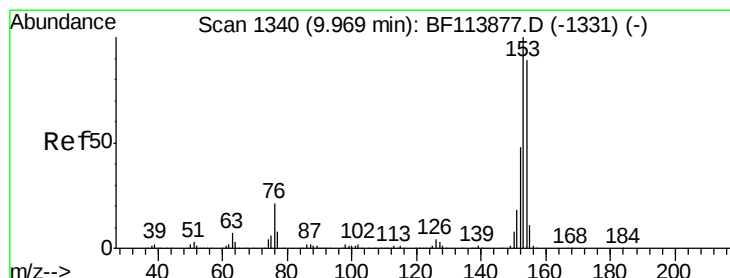
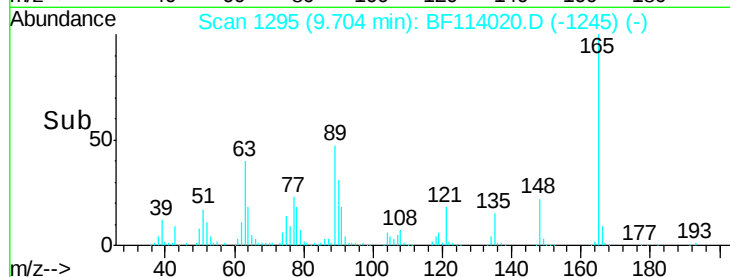
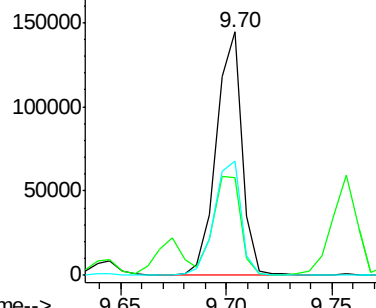
#51
2,6-Dinitrotoluene
Concen: 44.592 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.1	33.8	50.8
89	47.1	38.2	57.2

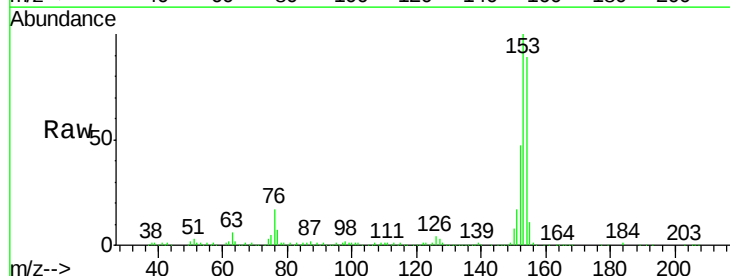


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

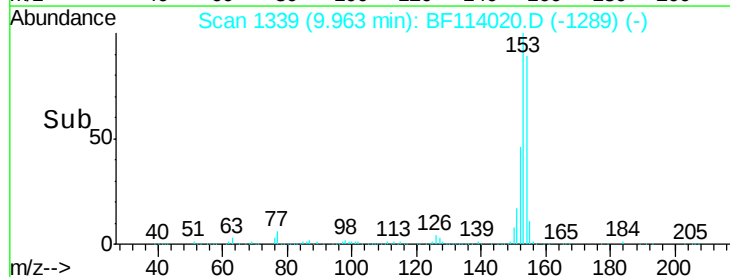
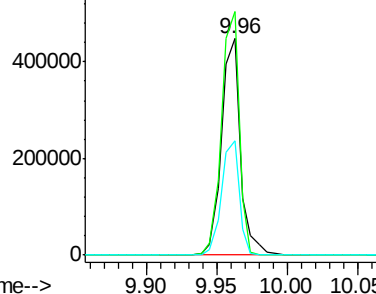


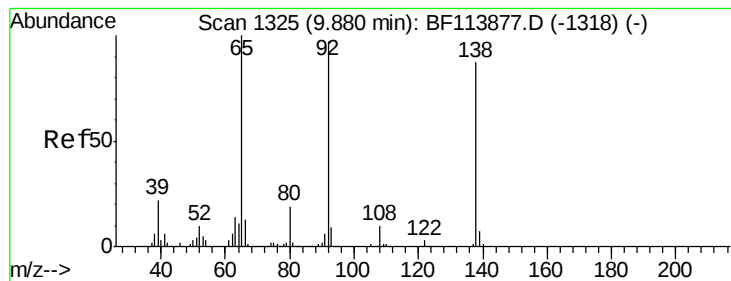
#52
Acenaphthene
Concen: 42.384 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	87.2	130.8
152	52.7	42.3	63.5



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: 32.697 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

Instrument :

BNA_F

ClientSampleId :

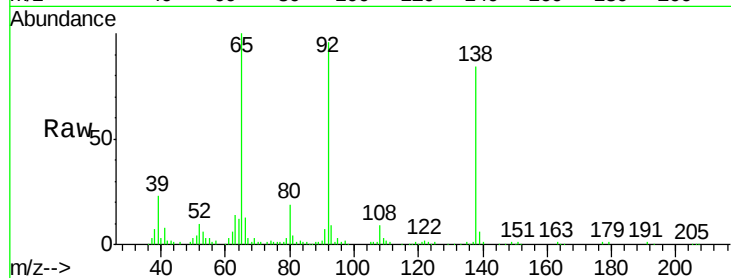
Tot Ion:138 Resp: 92952

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.2

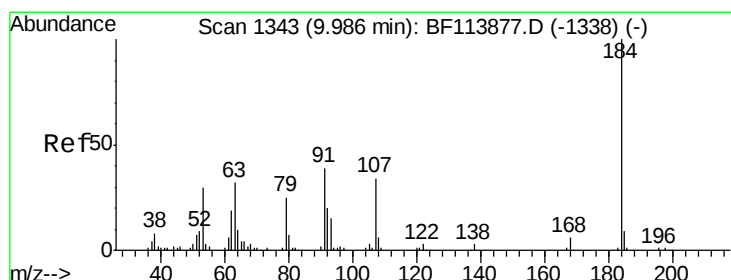
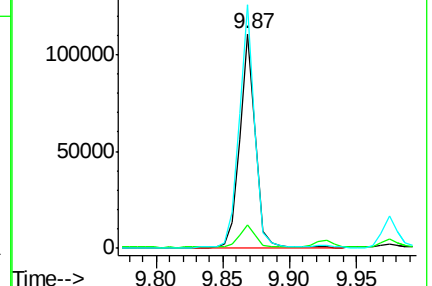
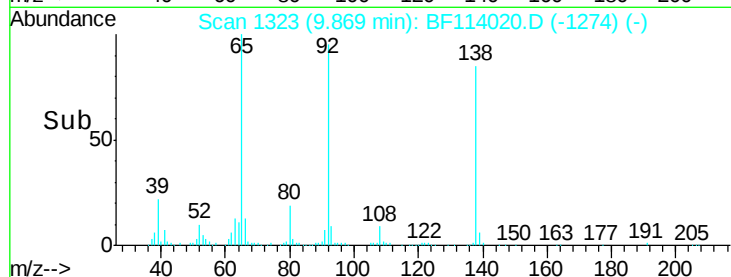
92 113.4 94.1 141.1



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: 49.535 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

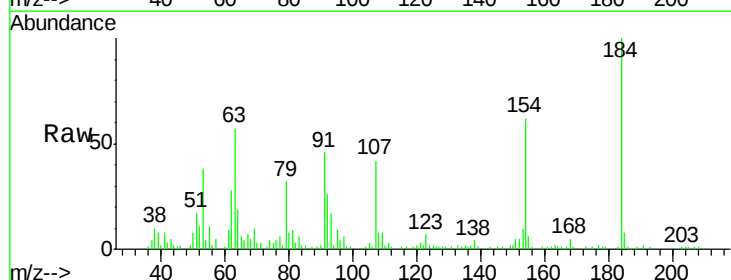
Tgt Ion:184 Resp: 53840

Ion Ratio Lower Upper

184 100

63 56.7 54.6 81.8

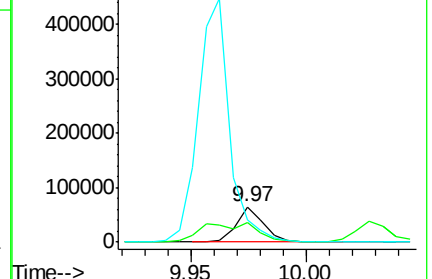
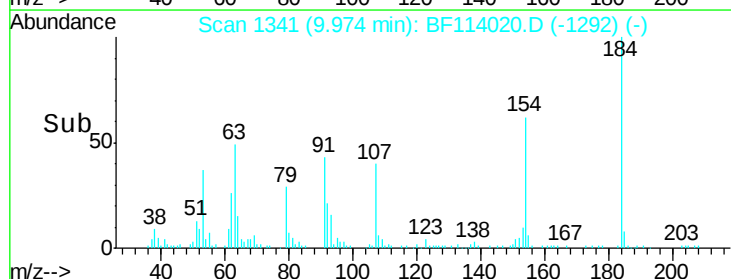
154 61.7 218.6 328.0#

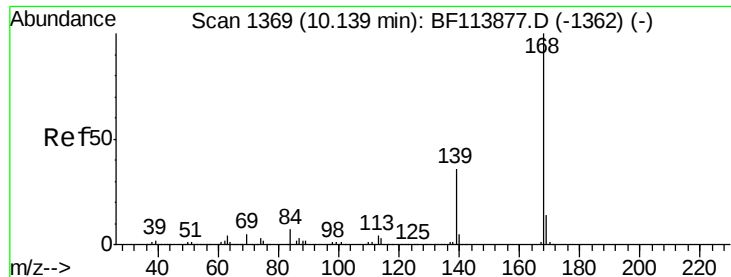


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

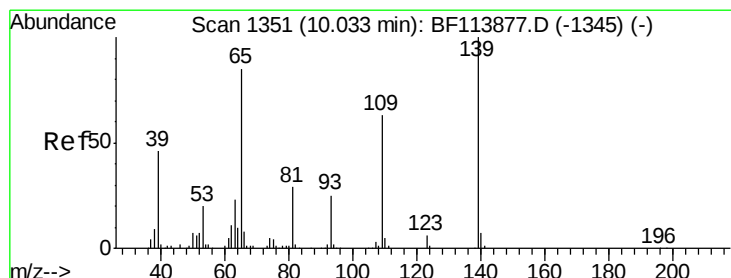
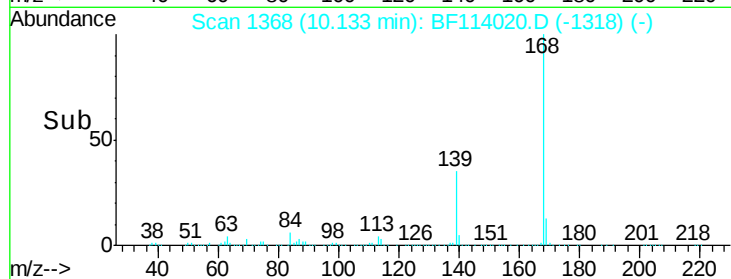
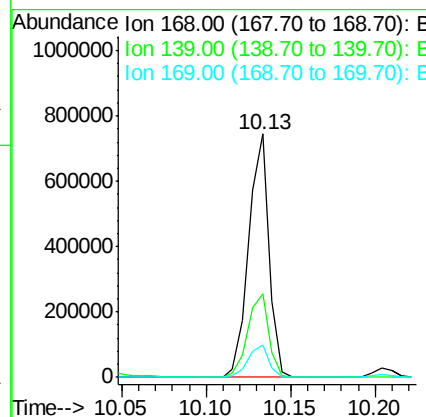
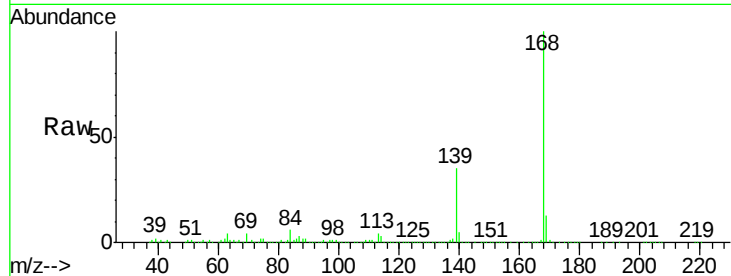




#55
Dibenzofuran
Concen: 41.762 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

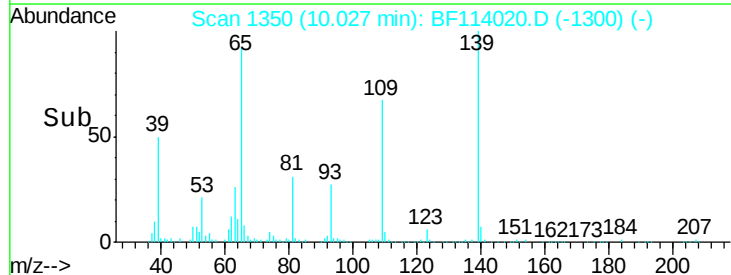
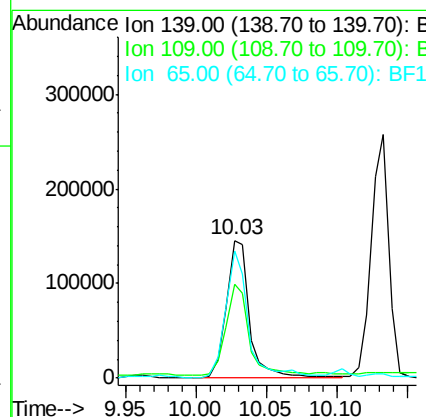
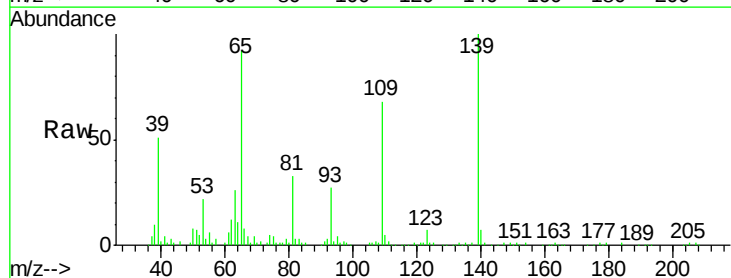
Instrument :
BNA_F
ClientSampleId :

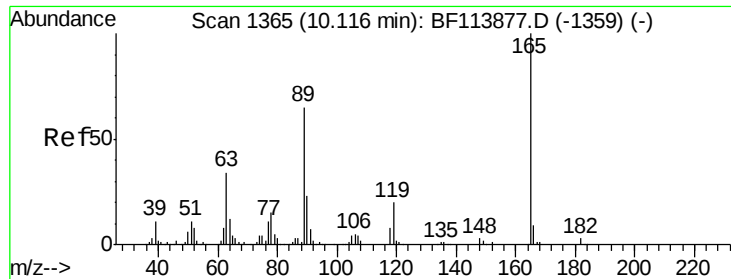
Tot Ion	Ratio	Lower	Upper
168	100		
139	34.6	27.8	41.6
169	13.2	11.0	16.6



#56
4-Nitrophenol
Concen: 73.077 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.1	42.9	82.9
65	92.0	64.4	104.4





#57

2,4-Dinitrotoluene

Concen: 44.708 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 152666

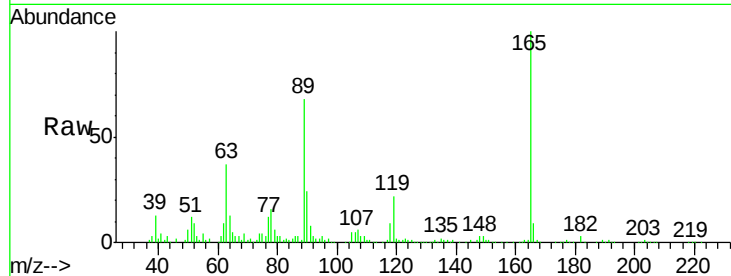
Ion Ratio Lower Upper

165 100

63 37.4 27.4 41.0

89 67.6 51.8 77.6

182 2.8 2.2 3.2

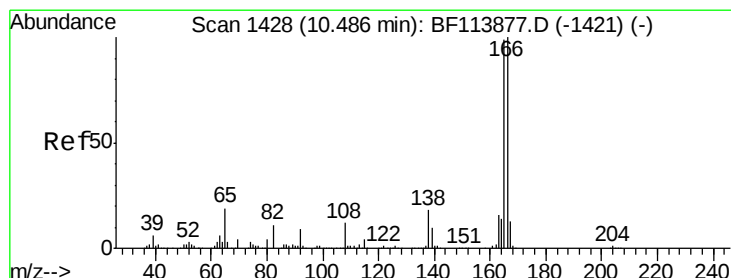
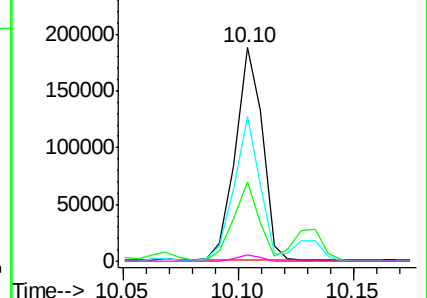
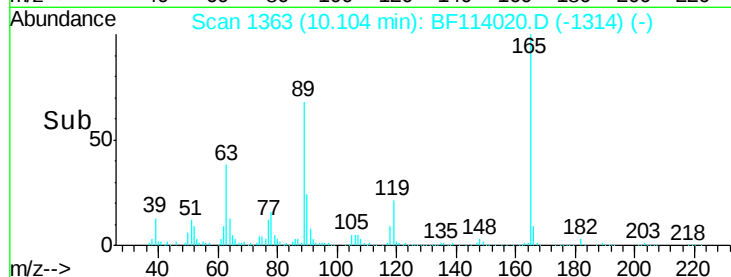


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.934 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

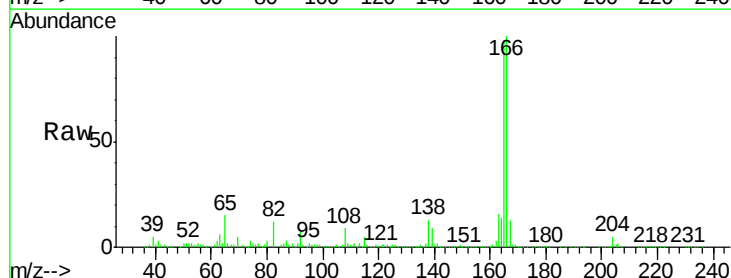
Tgt Ion:166 Resp: 462635

Ion Ratio Lower Upper

166 100

165 97.7 78.4 117.6

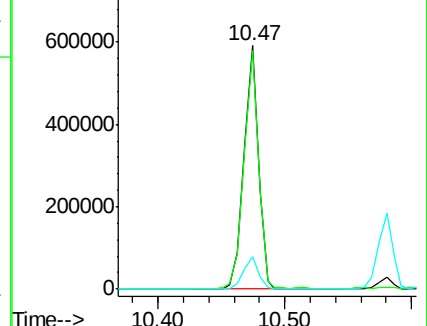
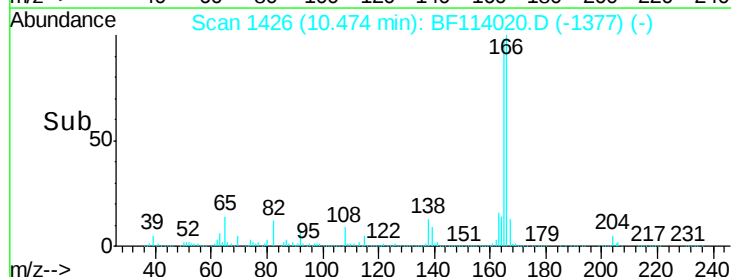
167 13.3 10.9 16.3

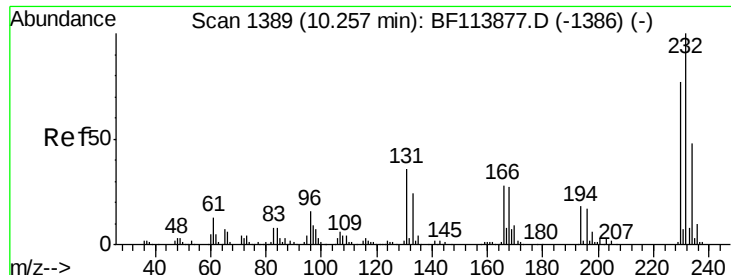


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

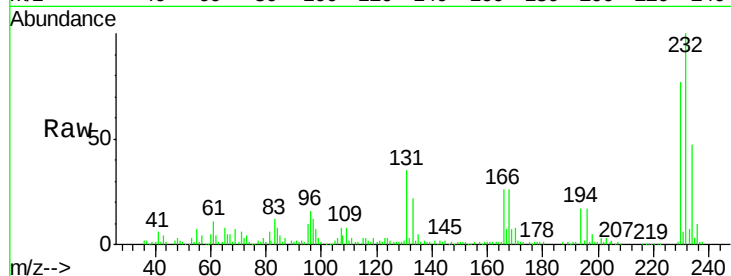




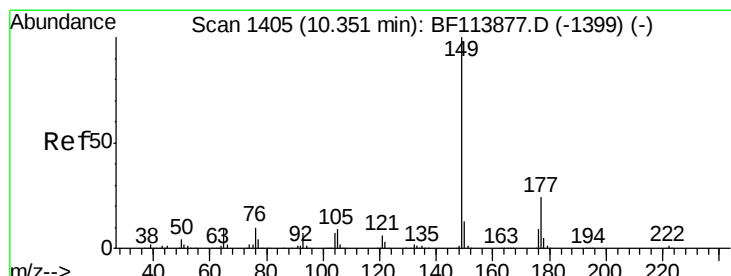
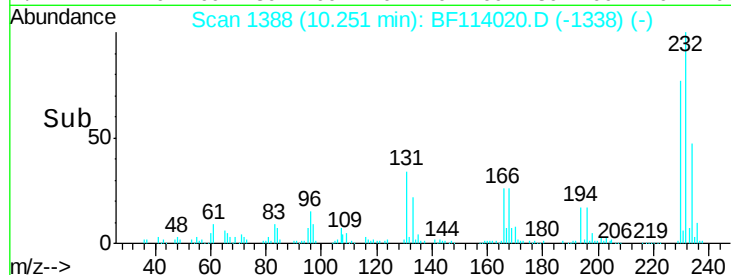
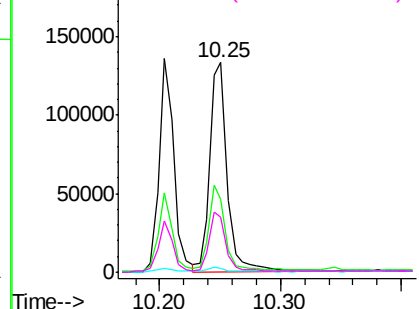
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.671 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF114020.D
 Acq: 29 Apr 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	133543
Ion	Ratio	Lower	Upper
232	100		
131	36.5	30.2	45.2
130	1.9	1.5	2.3
166	27.1	22.2	33.4

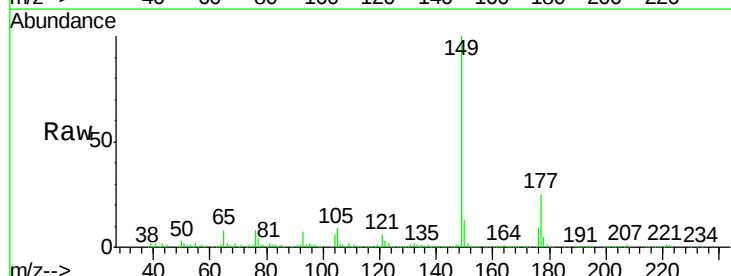


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

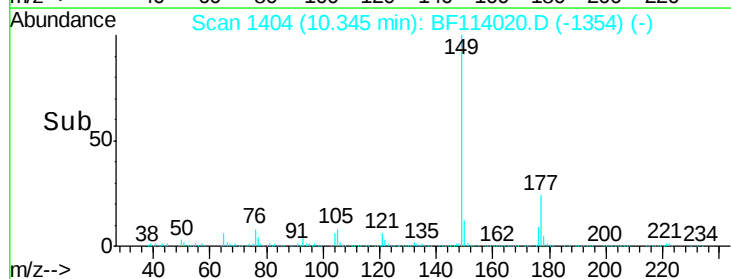
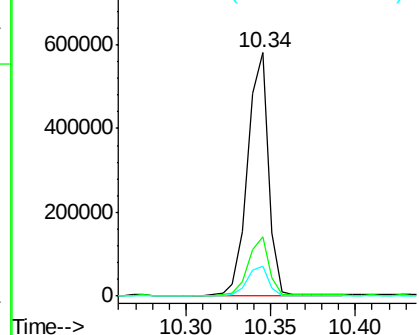


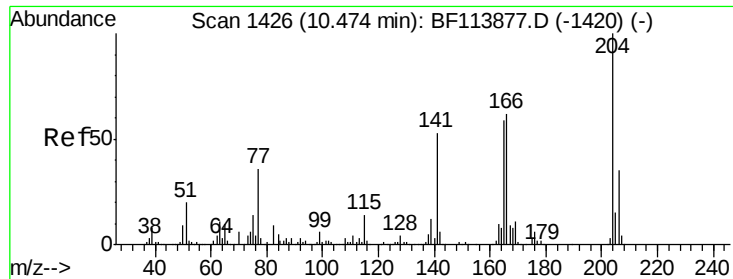
#60
 Diethylphthalate
 Concen: 41.531 ng
 RT: 10.34 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF114020.D
 Acq: 29 Apr 2019 13:12

Tgt Ion:	149	Resp:	497329
Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.2	28.8
150	12.5	10.3	15.5



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

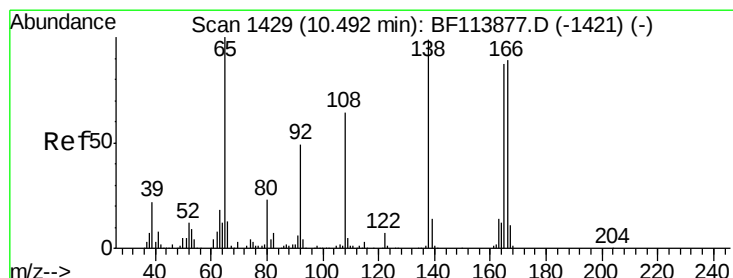
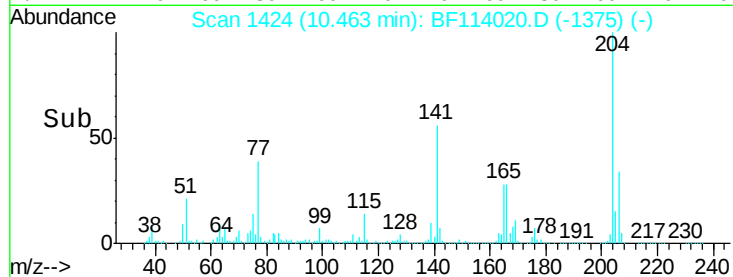
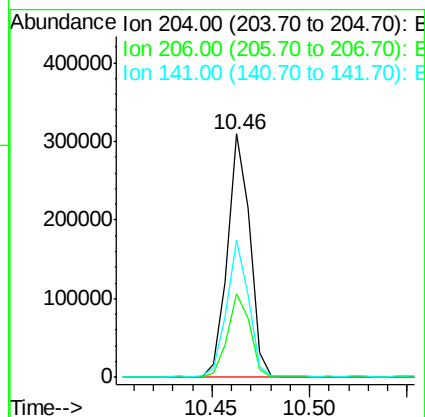
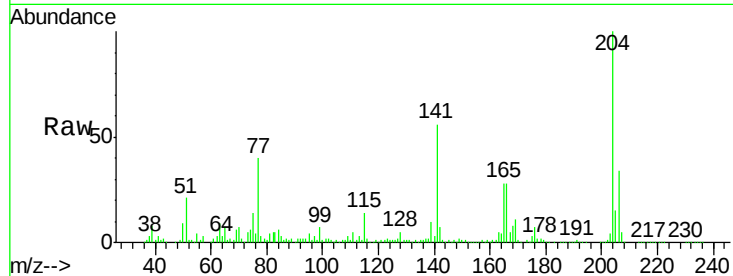




#61
4-Chlorophenyl-phenylether
Concen: 41.124 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

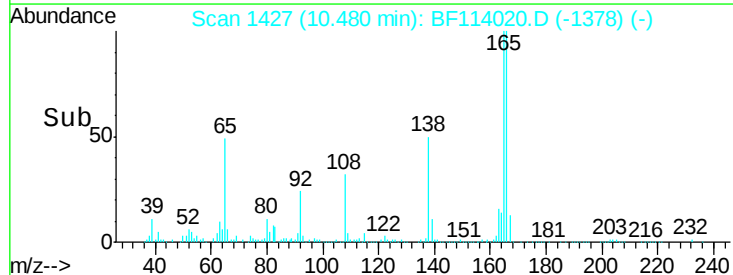
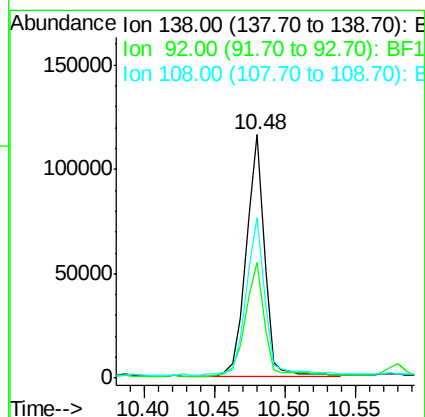
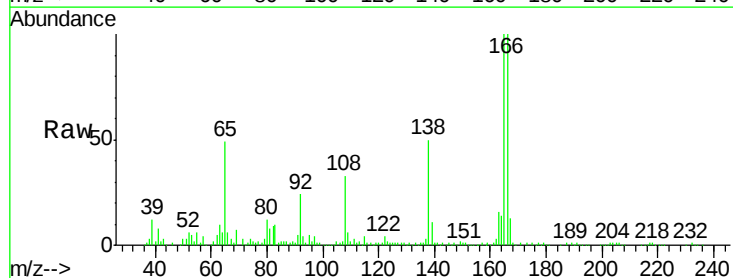
Instrument :
BNA_F
ClientSampleId :

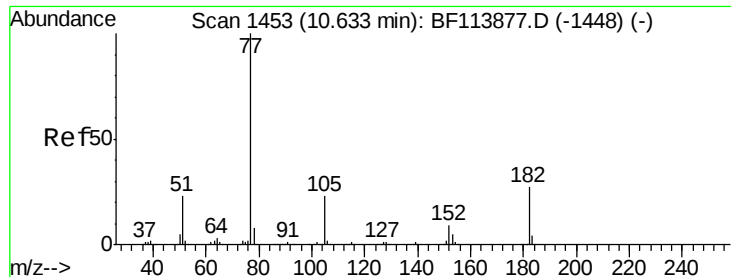
Tot Ion:204 Resp: 246146
Ion Ratio Lower Upper
204 100
206 34.1 27.4 41.2
141 56.5 42.6 63.8



#62
4-Nitroaniline
Concen: 38.047 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

Tgt Ion:138 Resp: 105550
Ion Ratio Lower Upper
138 100
92 47.7 31.3 71.3
108 66.1 48.9 88.9





#63

Azobenzene

Concen: 38.902 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 451488

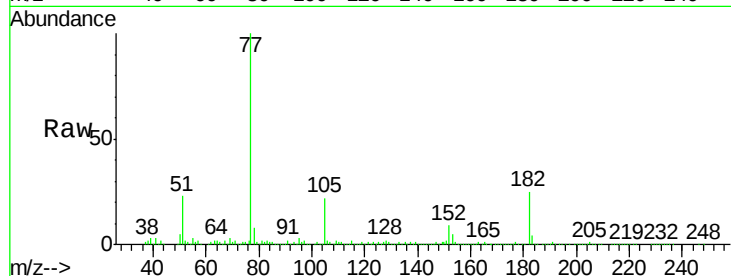
Ion Ratio Lower Upper

77 100

182 25.3 4.4 44.4

105 22.2 2.2 42.2

51 23.1 3.9 43.9

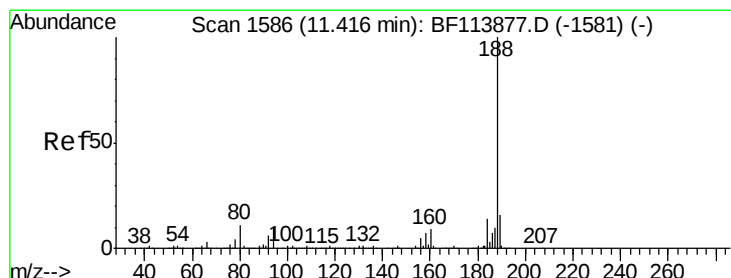
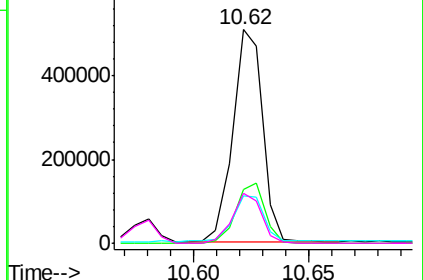
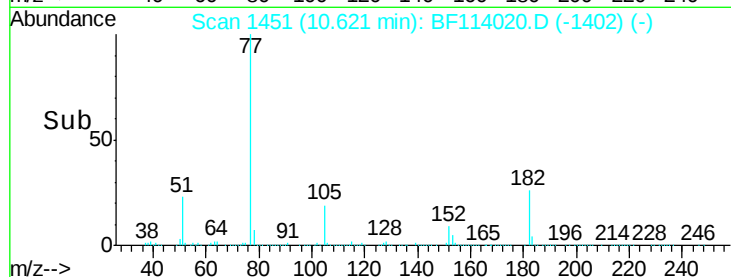


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

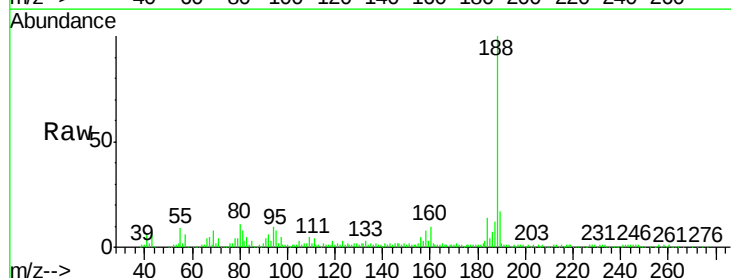
Tgt Ion: 188 Resp: 303592

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.4

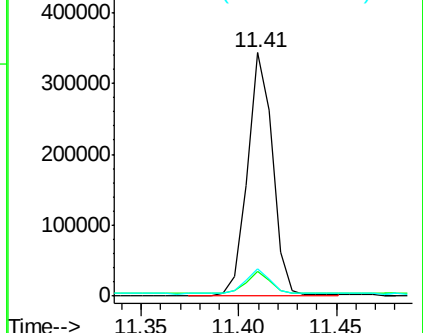
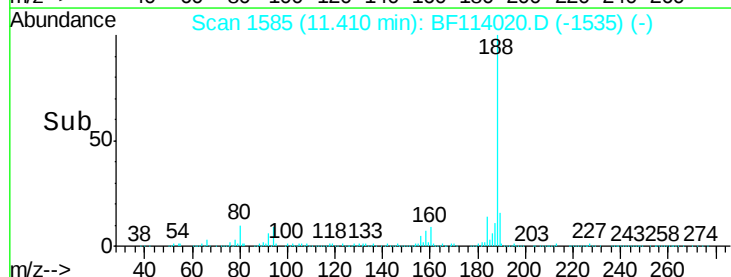
80 11.5 9.0 13.6

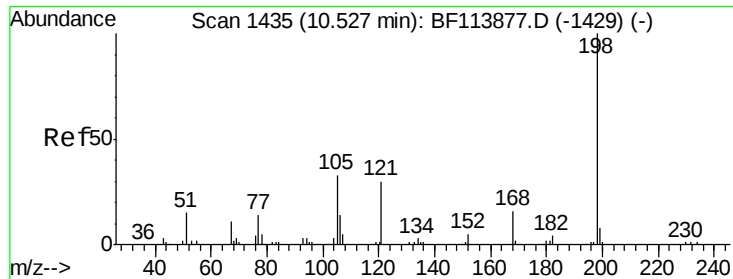


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

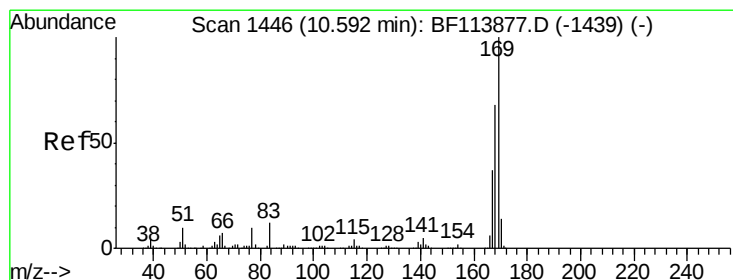
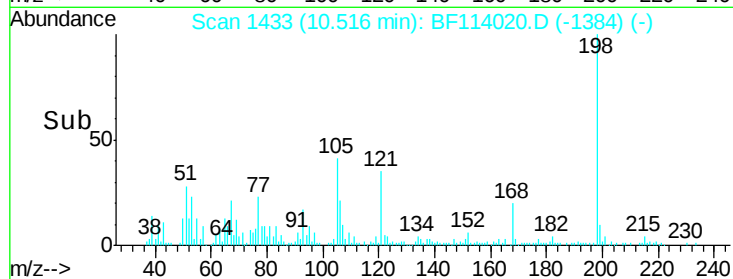
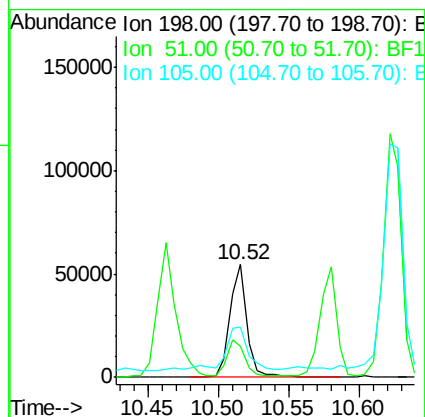
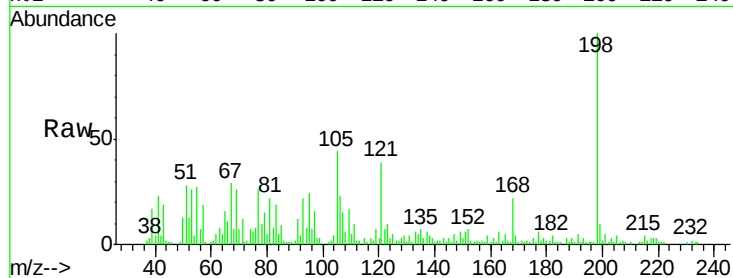




#65
4,6-Dinitro-2-methylphenol
Concen: 35.378 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

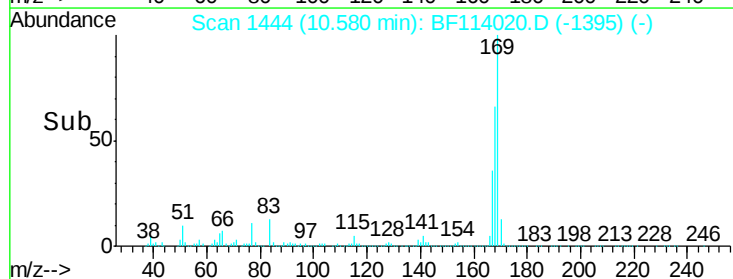
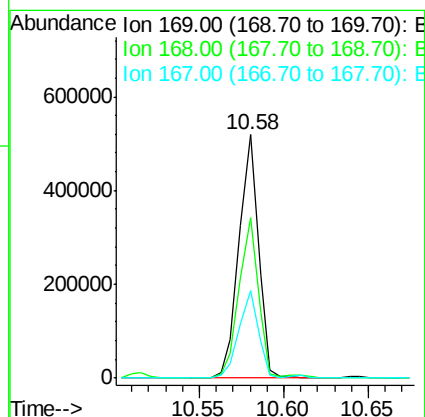
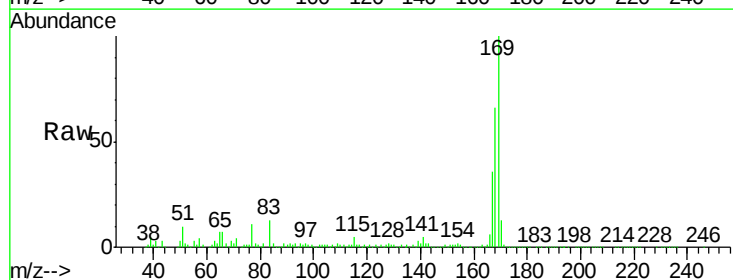
Instrument :
BNA_F
ClientSampled :

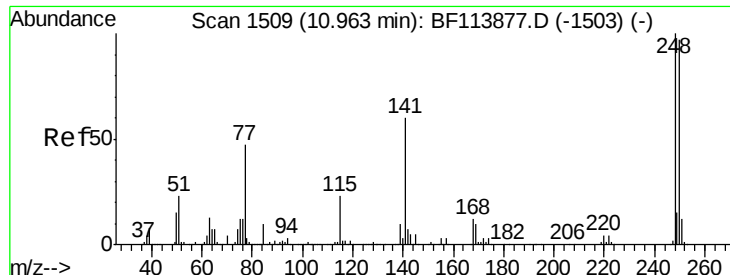
Tot Ion	Ratio	Lower	Upper
198	100		
51	28.1	11.1	51.1
105	44.1	20.7	60.7



#66
n-Nitrosodiphenylamine
Concen: 45.883 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.1	54.3	81.5
167	35.7	29.4	44.0

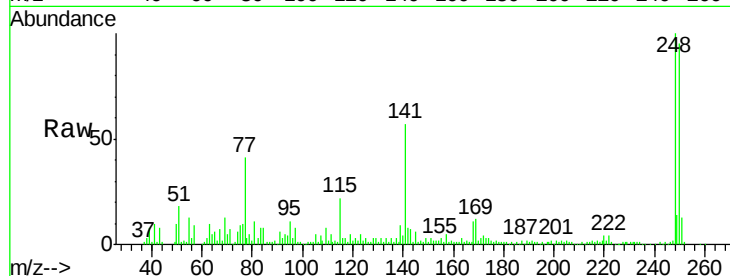




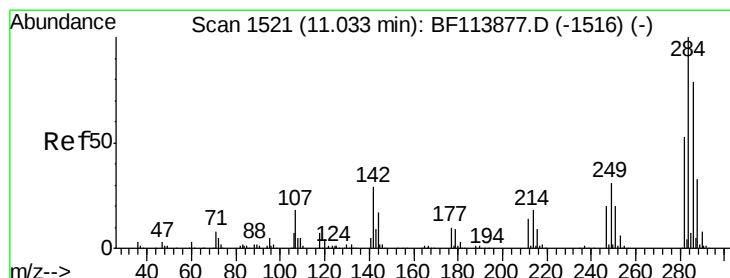
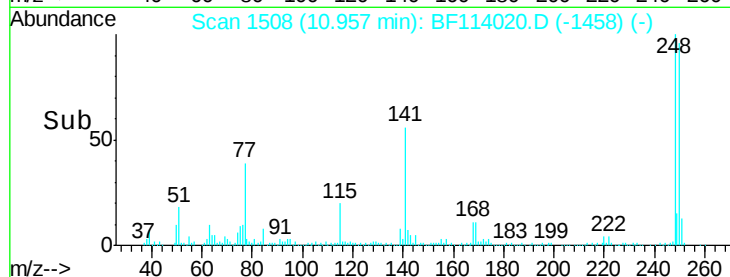
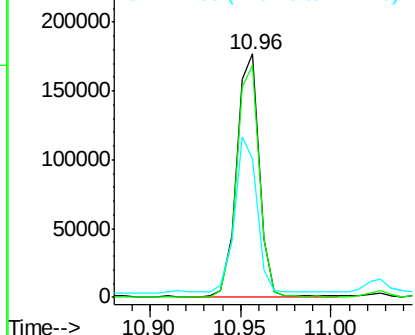
#67
4-Bromophenyl-phenylether
Concen: 41.379 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 151759
Ion Ratio Lower Upper
248 100
250 95.4 75.8 113.6
141 56.8 50.2 75.4

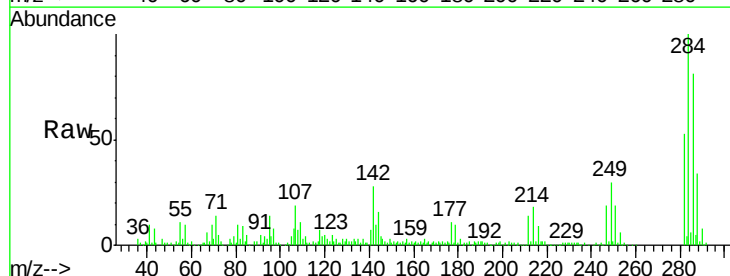


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

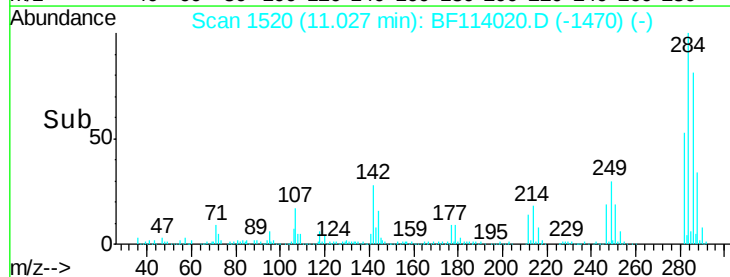
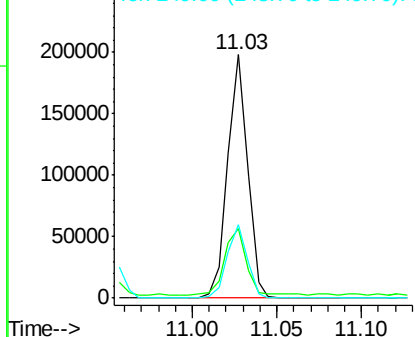


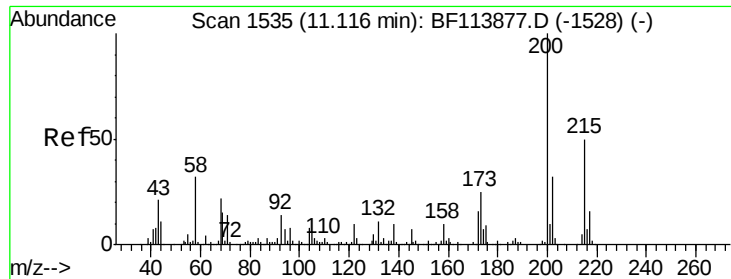
#68
Hexachlorobenzene
Concen: 40.417 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

Tgt Ion:284 Resp: 162888
Ion Ratio Lower Upper
284 100
142 28.4 23.0 34.4
249 30.2 24.4 36.6



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: 43.641 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

Instrument :

BNA_F

ClientSampleId :

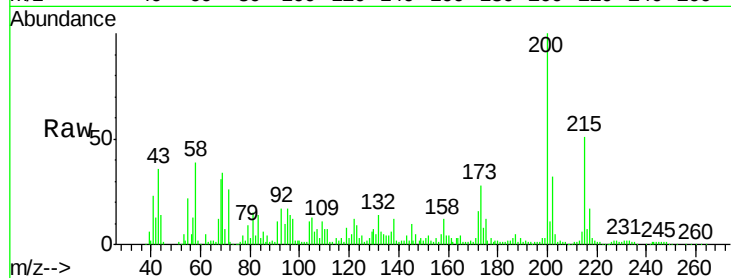
Tot Ion:200 Resp: 129321

Ion Ratio Lower Upper

200 100

173 27.9 5.9 45.9

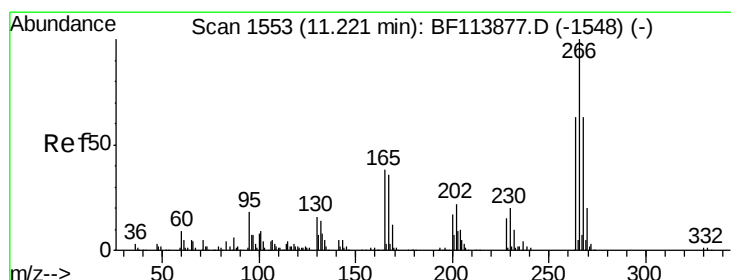
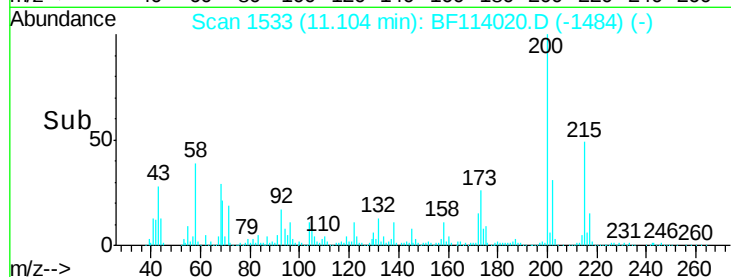
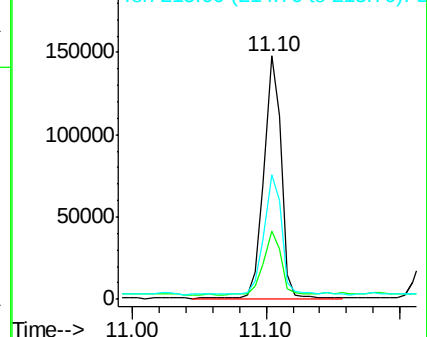
215 50.9 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 65.492 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

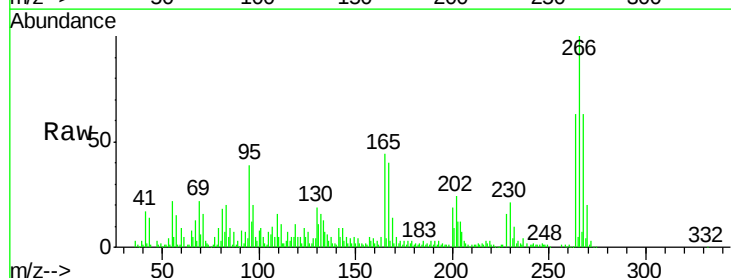
Tgt Ion:266 Resp: 149443

Ion Ratio Lower Upper

266 100

268 62.7 53.5 80.3

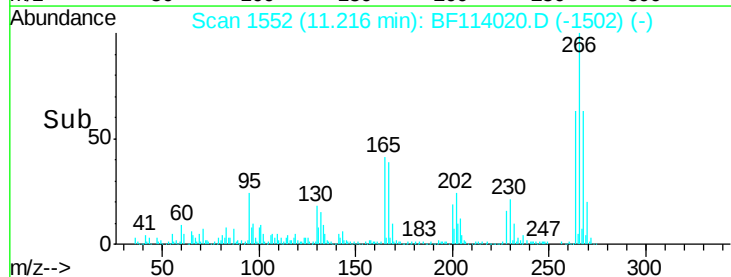
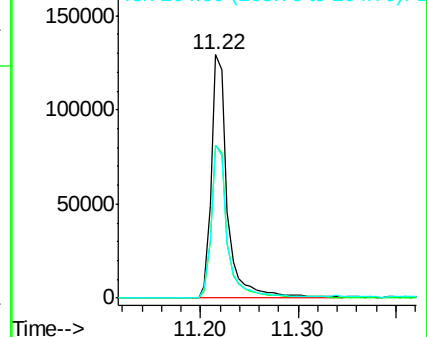
264 62.5 51.0 76.6

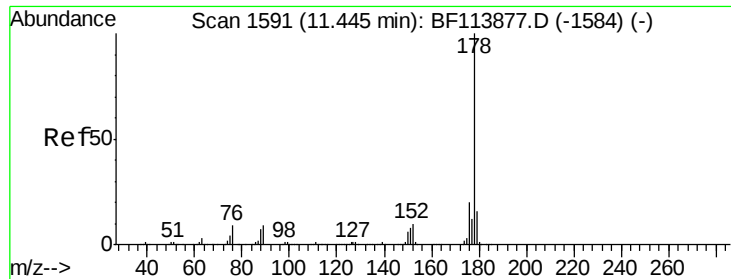


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.702 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

Instrument :

BNA_F

ClientSampleId :

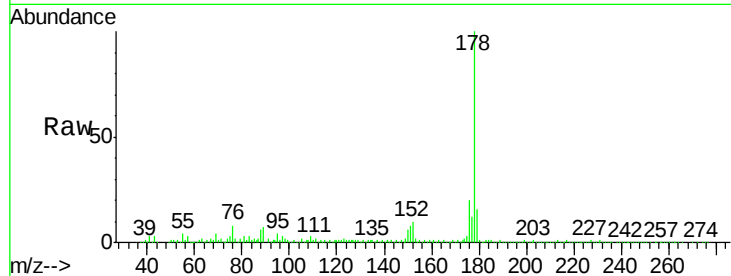
Tot Ion:178 Resp: 651512

Ion Ratio Lower Upper

178 100

176 19.8 16.1 24.1

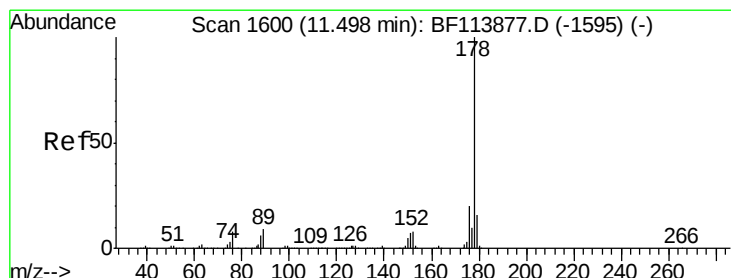
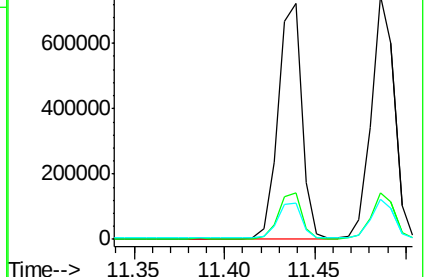
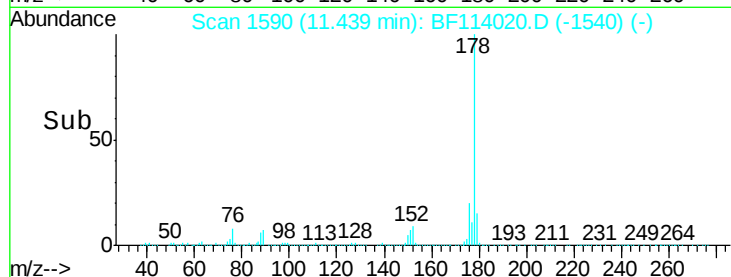
179 15.6 12.8 19.2



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



#72

Anthracene

Concen: 42.855 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

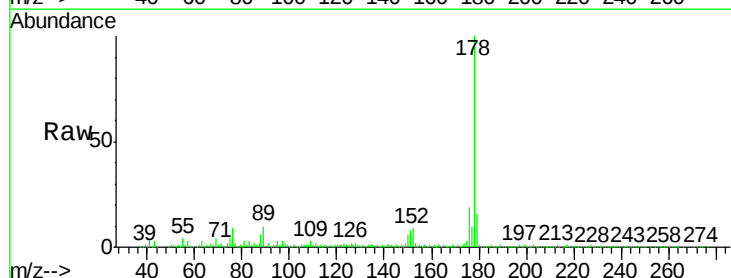
Tgt Ion:178 Resp: 660286

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

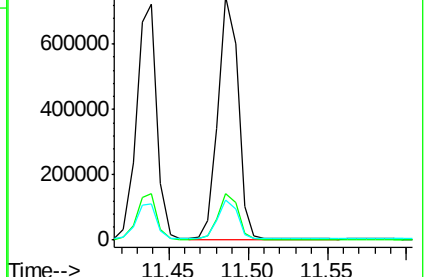
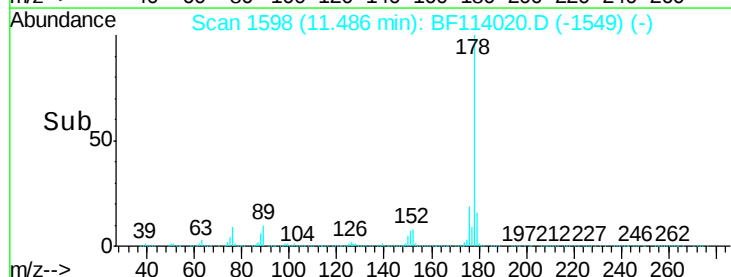
179 16.2 13.0 19.4

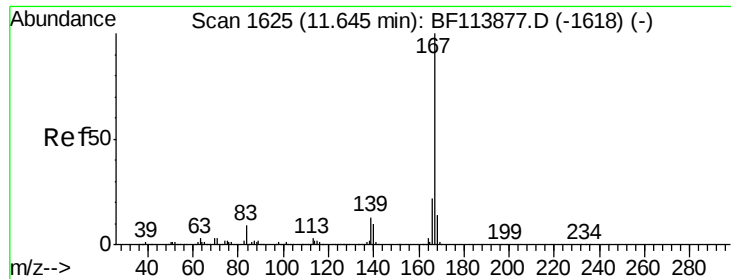


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

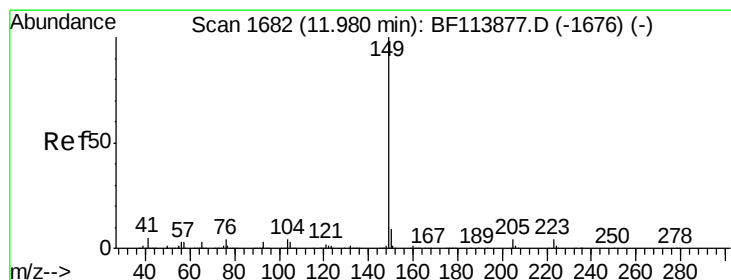
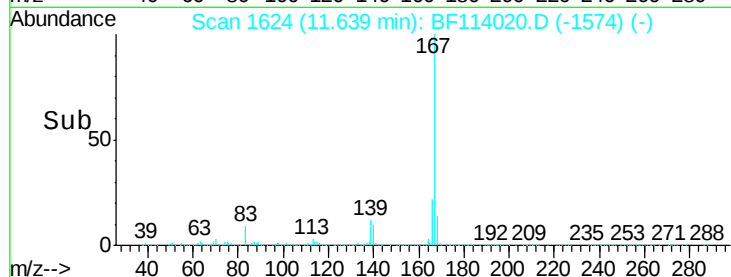
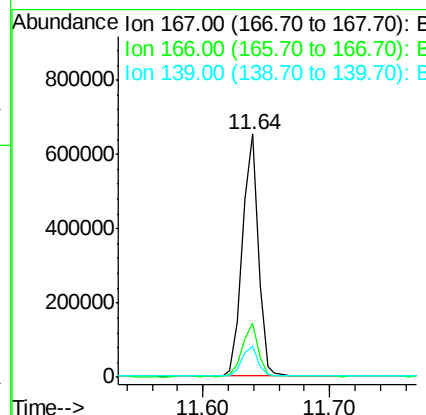
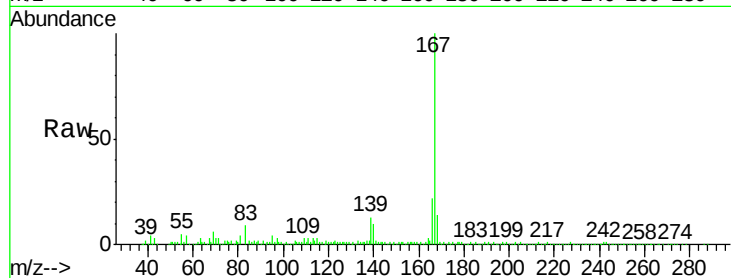




#73
 Carbazole
 Concen: 40.809 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF114020.D
 Acq: 29 Apr 2019 13:12

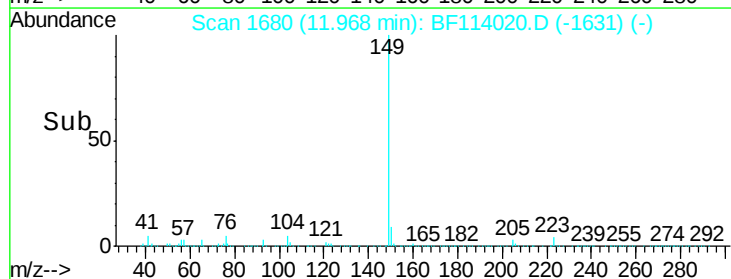
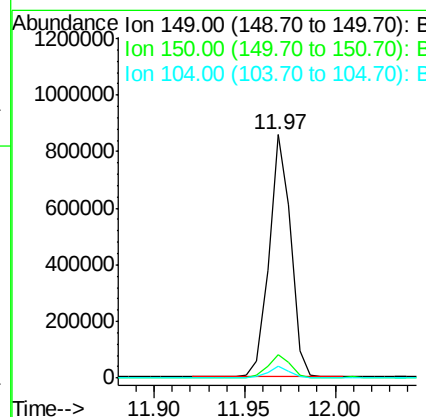
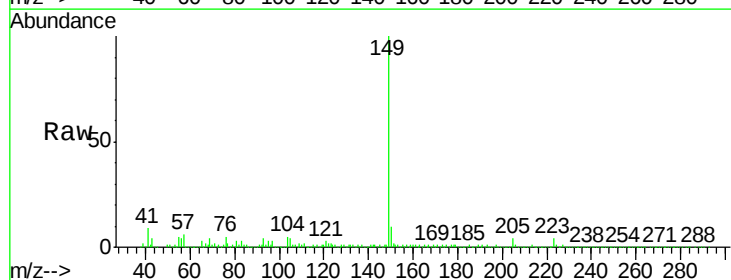
Instrument :
 BNA_F
 ClientSampleId :

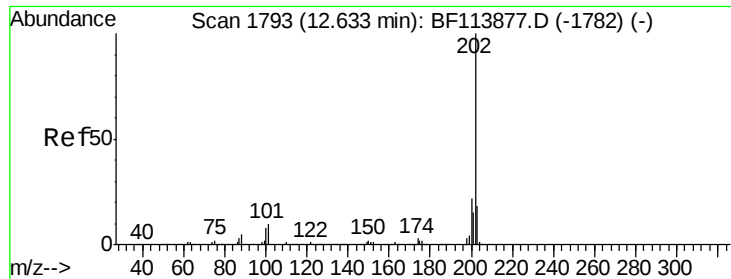
Tot Ion:167 Resp: 560940
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 12.7 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 43.337 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF114020.D
 Acq: 29 Apr 2019 13:12

Tgt Ion:149 Resp: 700724
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 4.8 3.8 5.8





#75

Fluoranthene

Concen: 38.910 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

Instrument :

BNA_F

ClientSampleId :

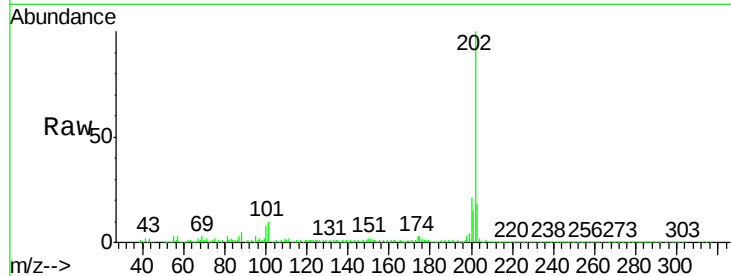
Tot Ion:202 Resp: 647702

Ion Ratio Lower Upper

202 100

101 10.1 0.0 32.9

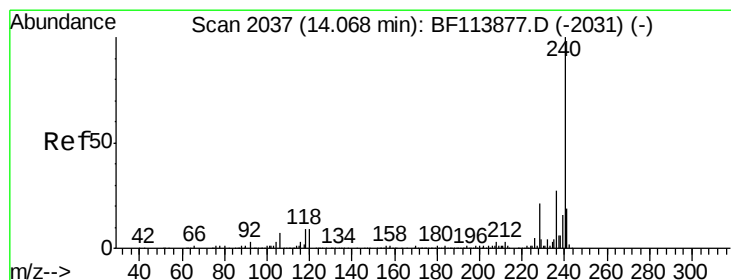
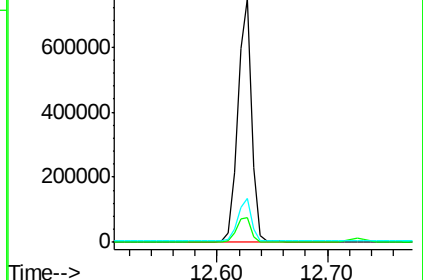
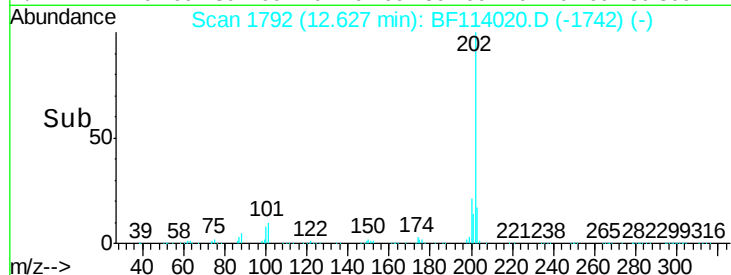
203 17.8 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

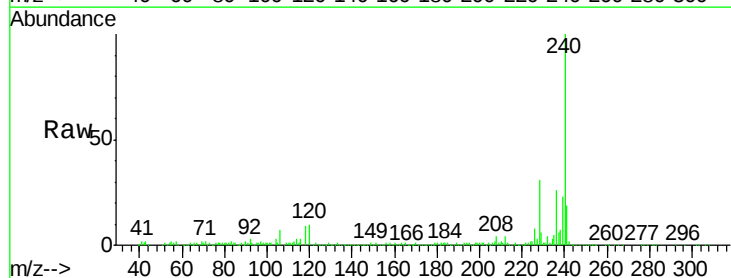
Tgt Ion:240 Resp: 206125

Ion Ratio Lower Upper

240 100

120 9.6 9.3 13.9

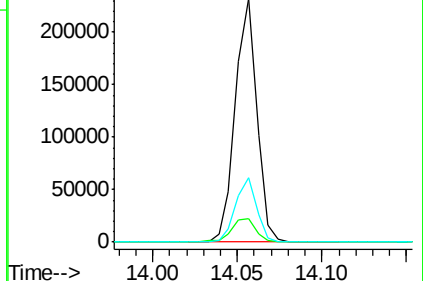
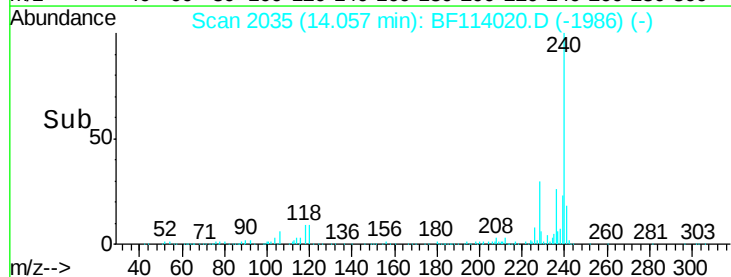
236 26.4 21.2 31.8

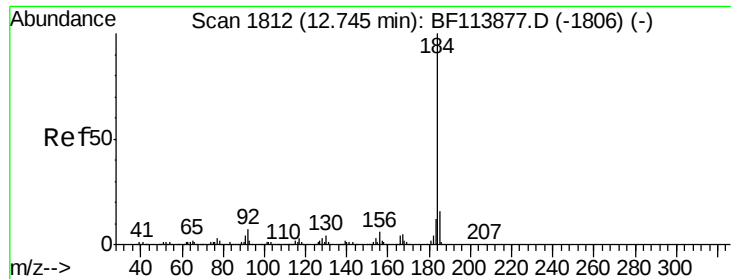


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.163 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

Instrument :

BNA_F

ClientSampleId :

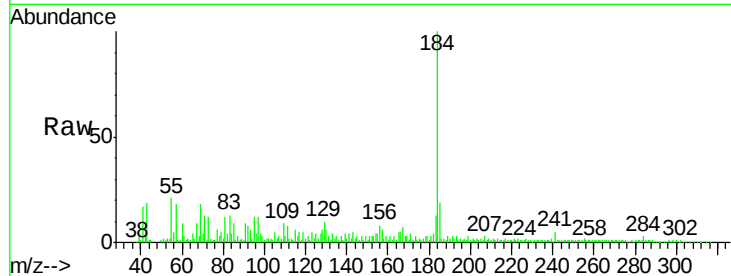
Tot Ion:184 Resp: 148403

Ion Ratio Lower Upper

184 100

185 19.4 13.0 19.6

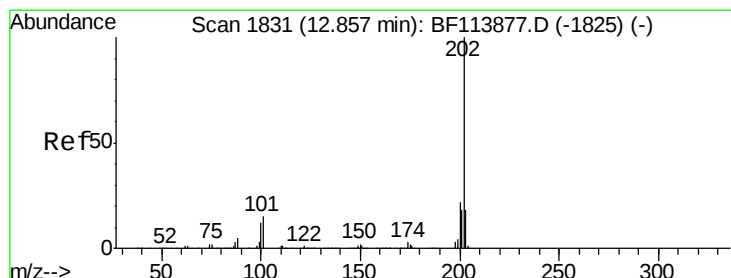
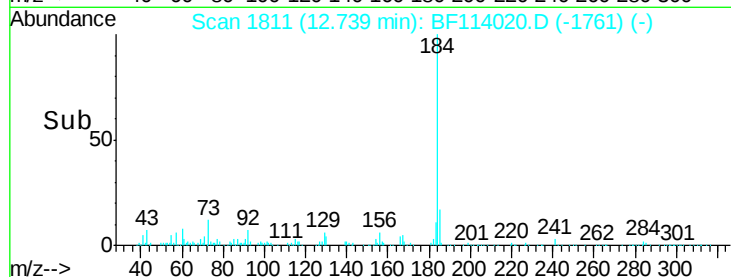
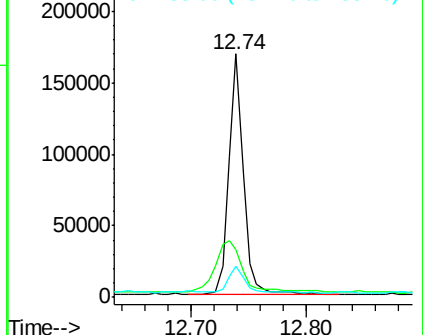
183 12.8 9.4 14.0



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: 43.814 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

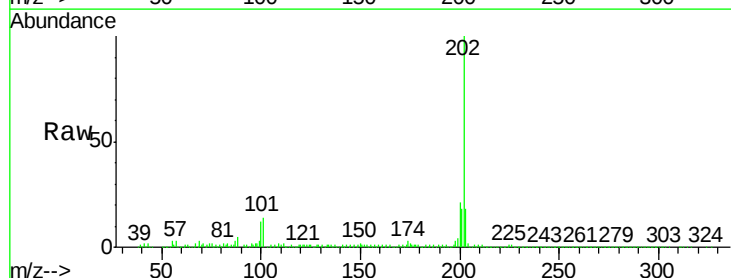
Tgt Ion:202 Resp: 631563

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

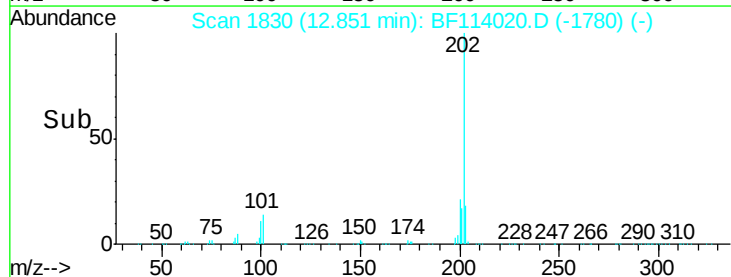
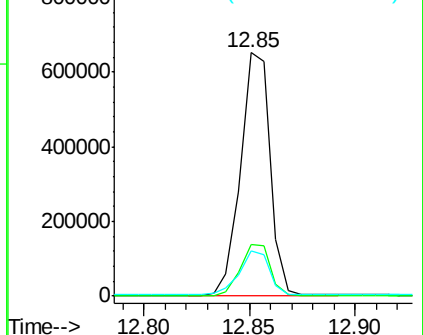
203 18.4 15.0 22.6

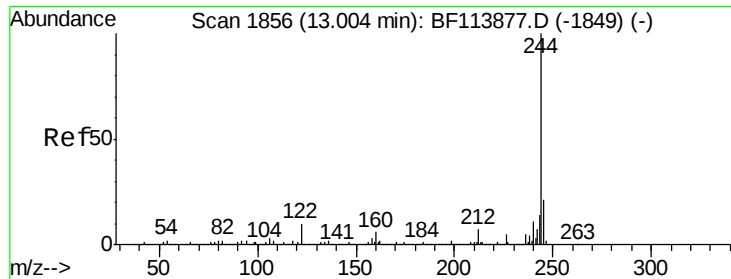


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.487 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

Instrument :

BNA_F

ClientSampleId :

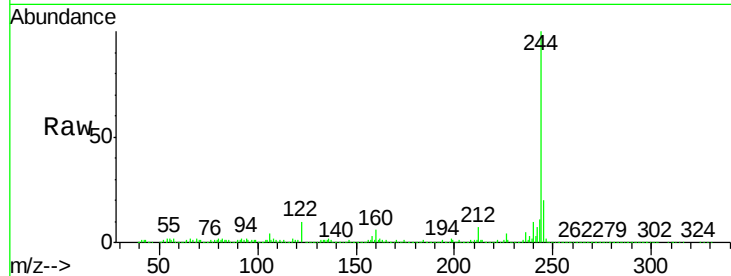
Tot Ion:244 Resp: 879616

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

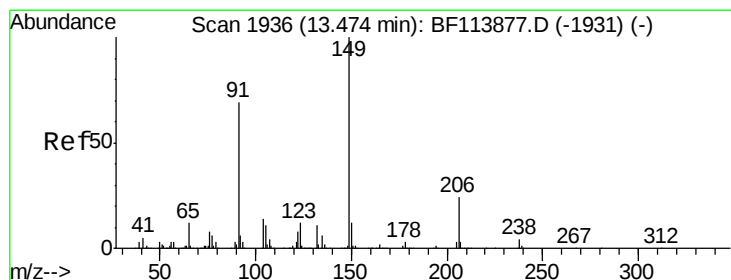
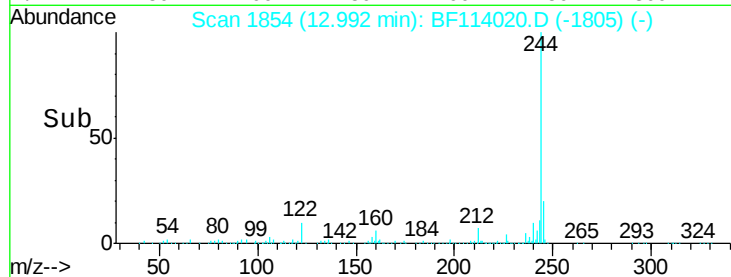
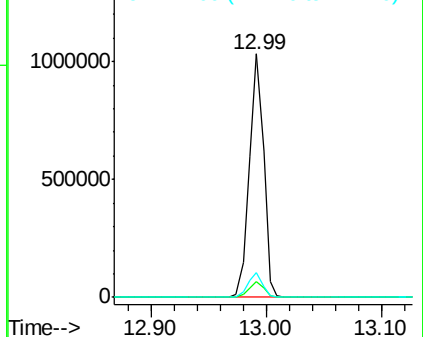
122 10.1 7.6 11.4



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: 46.121 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

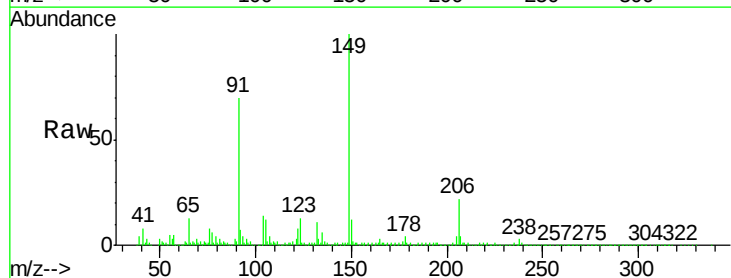
Tgt Ion:149 Resp: 261572

Ion Ratio Lower Upper

149 100

91 69.9 56.3 84.5

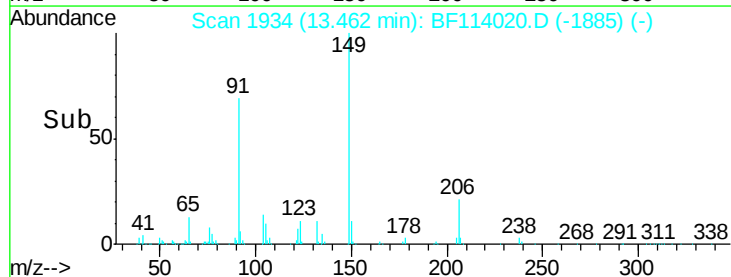
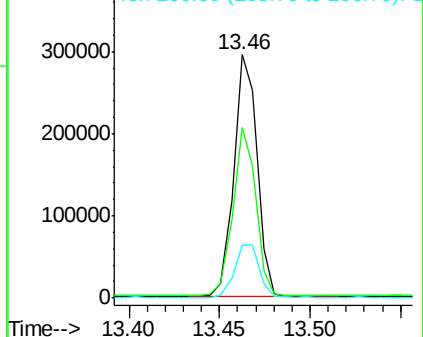
206 21.7 19.0 28.6

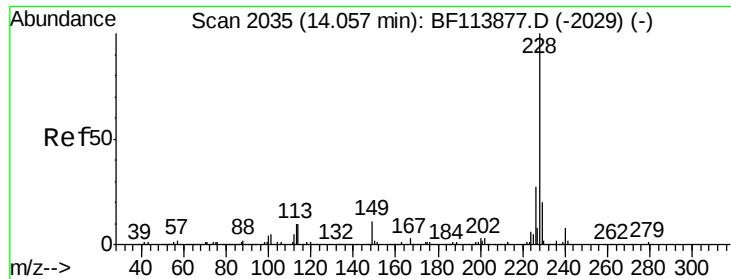


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

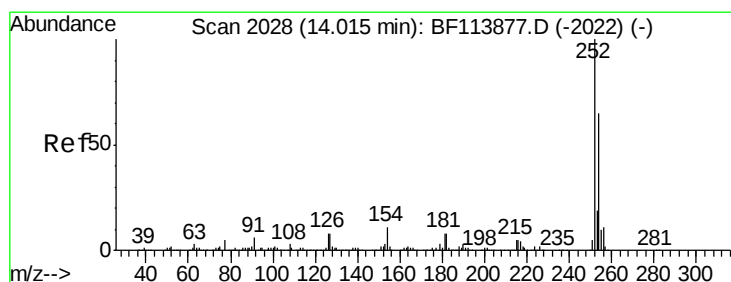
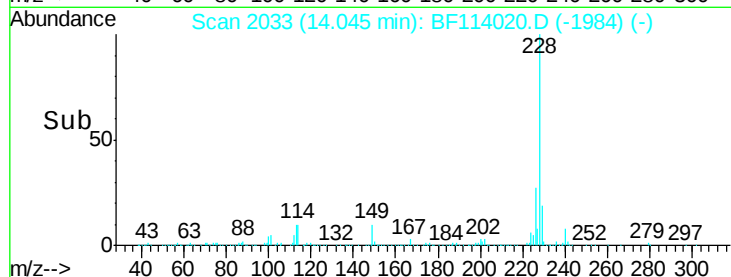
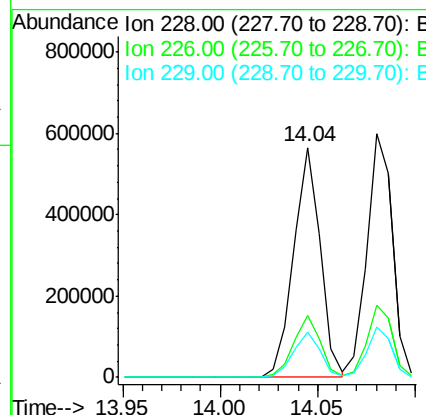
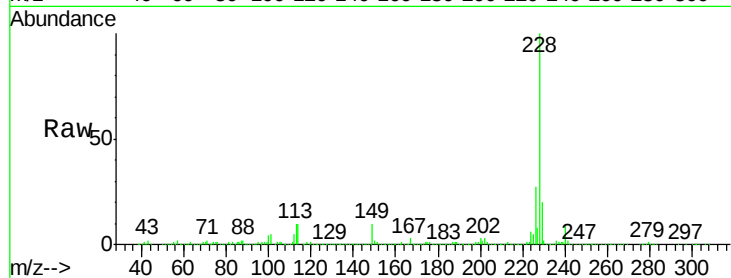




#81
Benzo(a)anthracene
Concen: 43.838 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

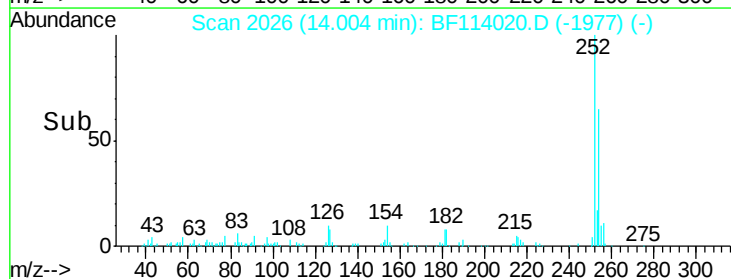
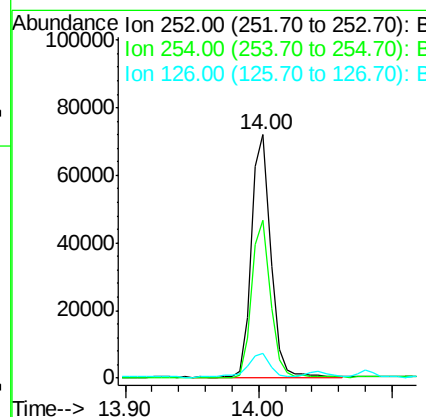
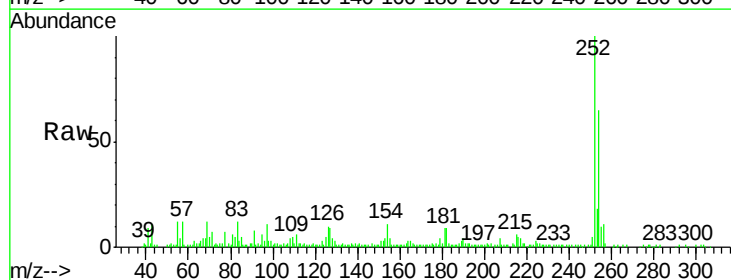
Instrument :
BNA_F
ClientSampleId :

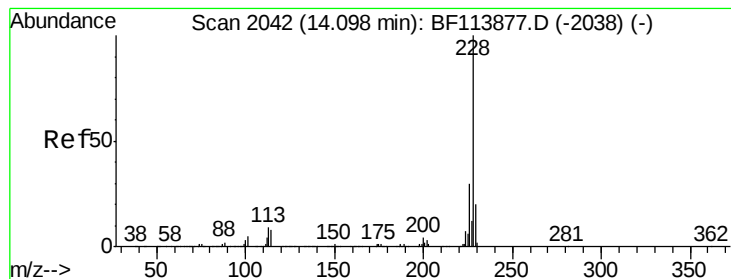
Tot Ion:228 Resp: 532388
Ion Ratio Lower Upper
228 100
226 26.7 22.2 33.2
229 19.6 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 16.347 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

Tgt Ion:252 Resp: 72766
Ion Ratio Lower Upper
252 100
254 64.9 52.1 78.1
126 10.4 9.3 13.9





#83

Chrysene

Concen: 45.610 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.02 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

Instrument :

BNA_F

ClientSampleId :

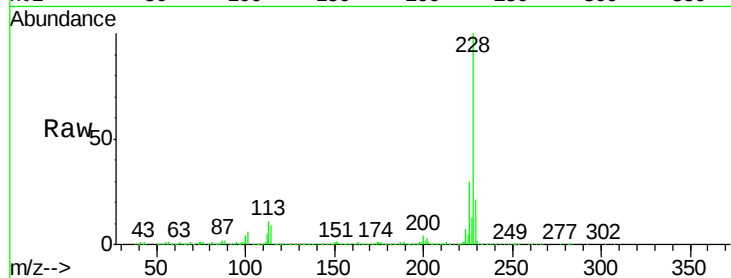
Tot Ion:228 Resp: 539457

Ion Ratio Lower Upper

228 100

226 29.8 25.2 37.8

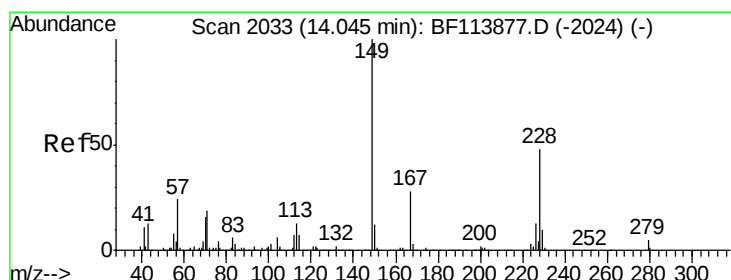
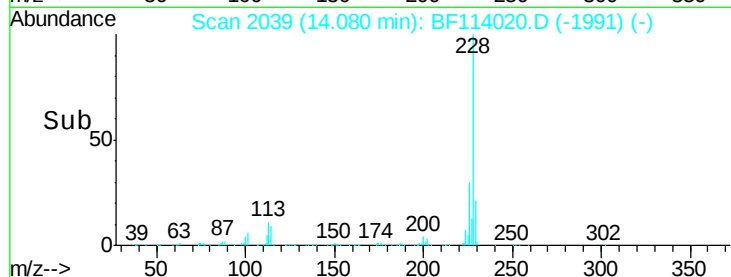
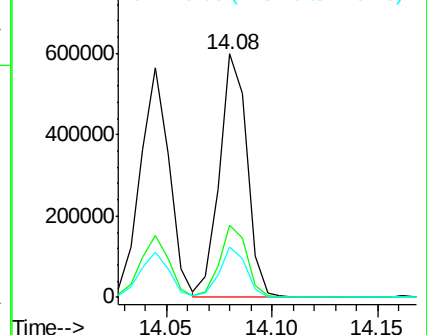
229 20.8 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.427 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

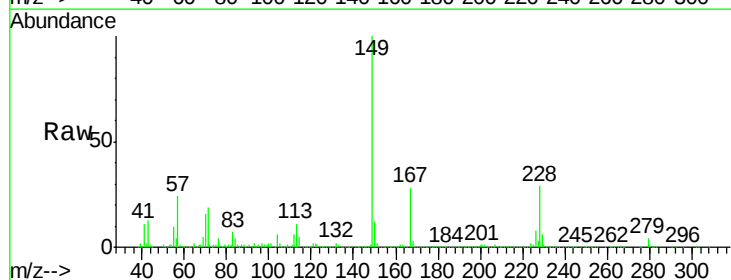
Tgt Ion:149 Resp: 371089

Ion Ratio Lower Upper

149 100

167 28.0 22.9 34.3

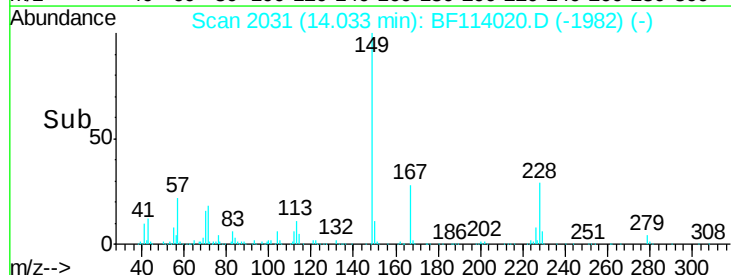
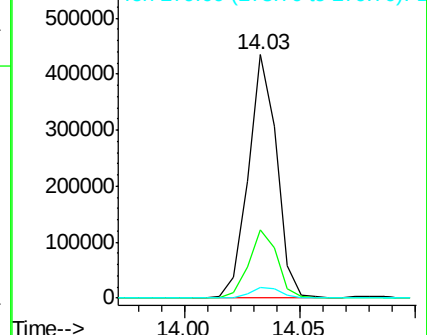
279 4.3 4.2 6.2

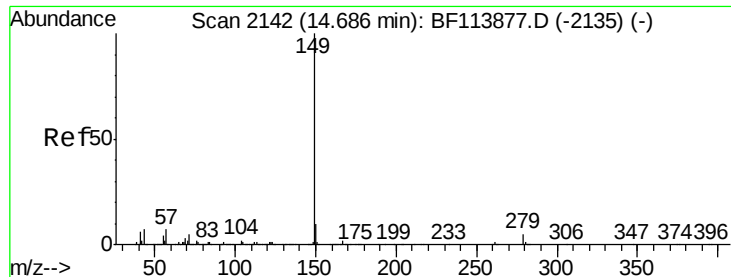


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 54.012 ng

RT: 14.67 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

Instrument :

BNA_F

ClientSampleId :

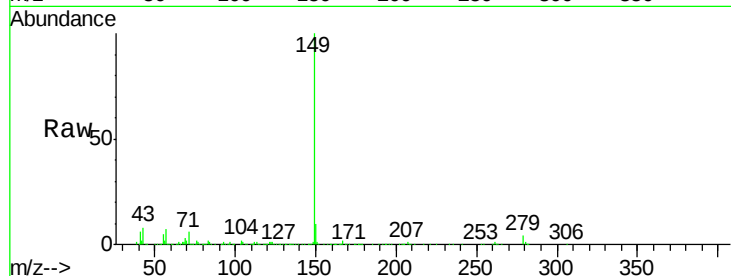
Tot Ion:149 Resp: 610034

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

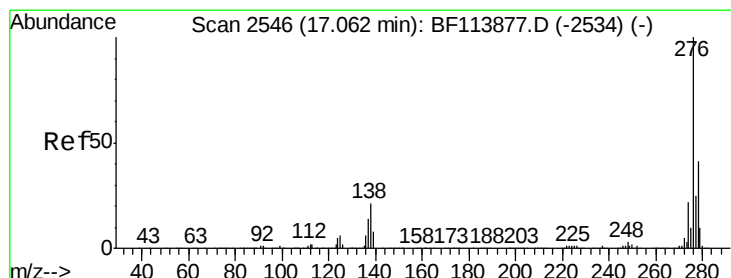
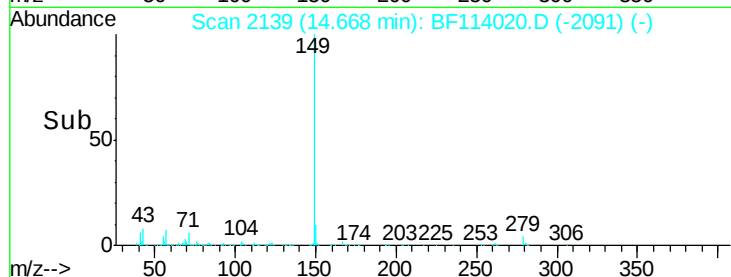
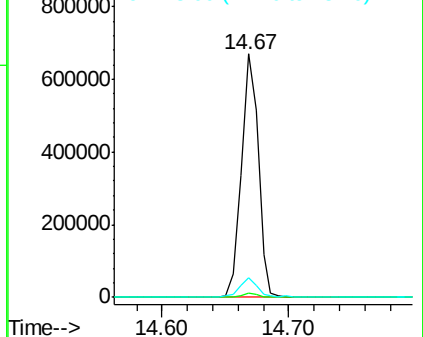
43 7.7 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 65.299 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.02 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

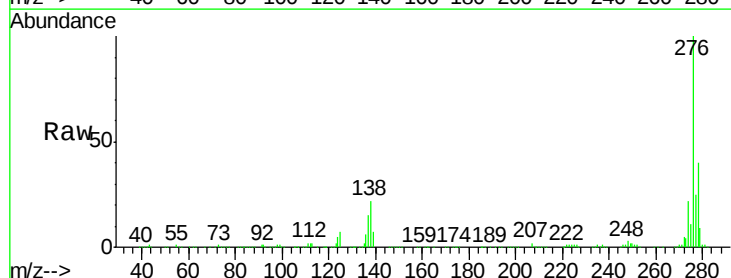
Tgt Ion:276 Resp: 731571

Ion Ratio Lower Upper

276 100

138 23.1 19.6 29.4

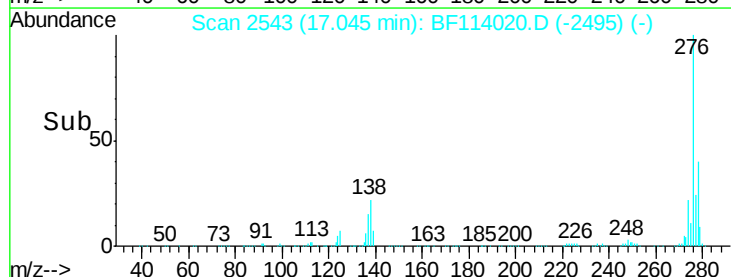
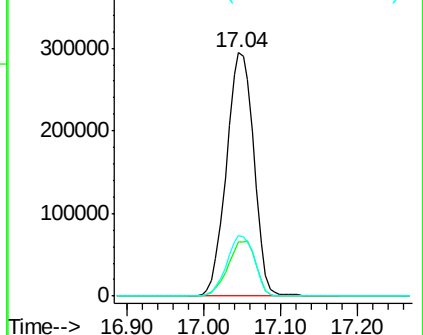
277 25.2 20.2 30.4

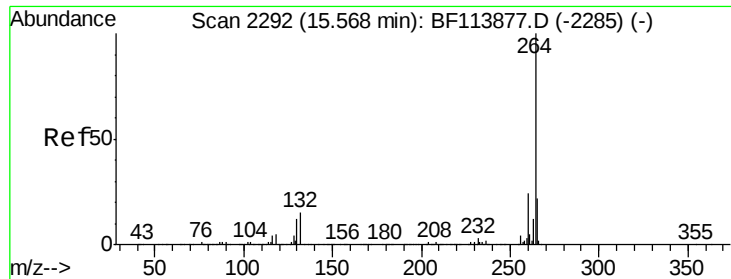


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



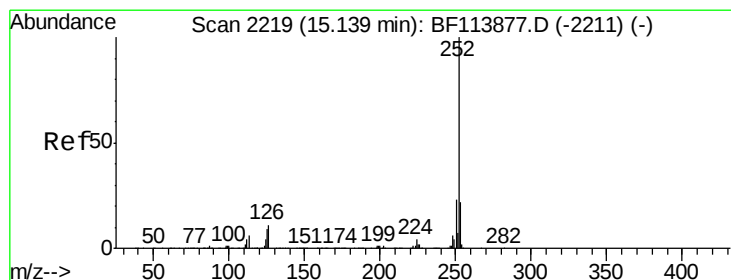
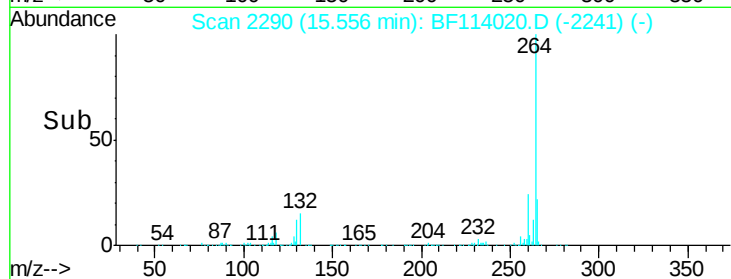
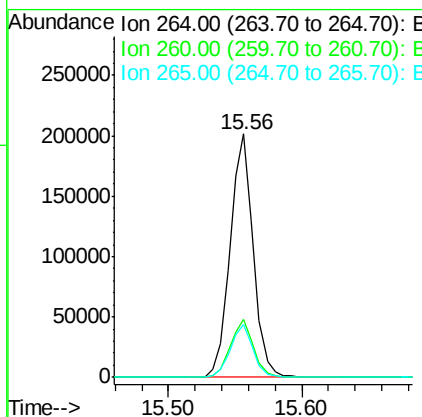
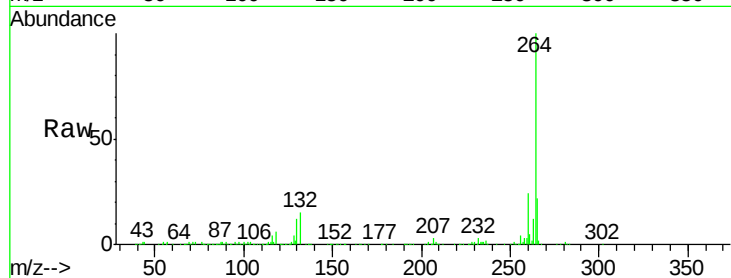


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 244254

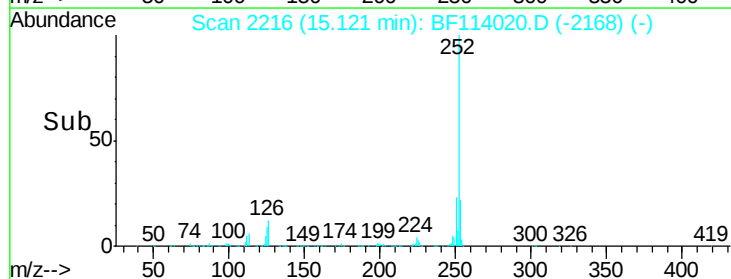
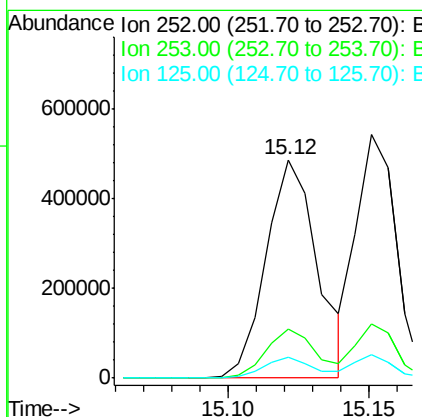
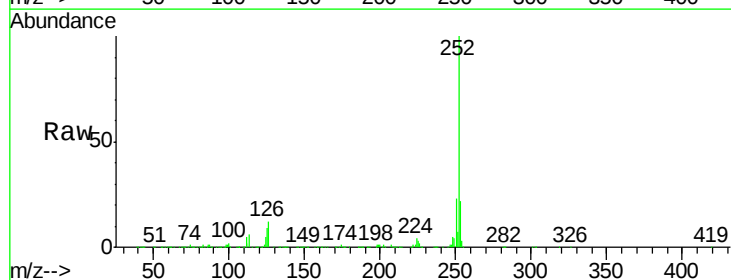
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.7	17.3	25.9

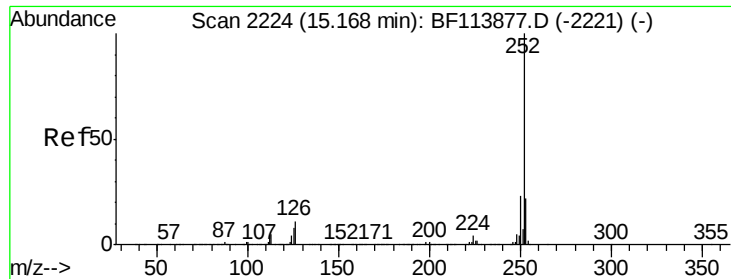


#88
Benzo(b)fluoranthene
Concen: 40.003 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

Tgt Ion:252 Resp: 618192

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	9.3	7.0	10.6

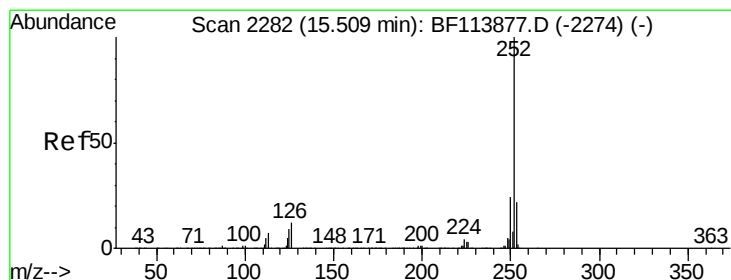
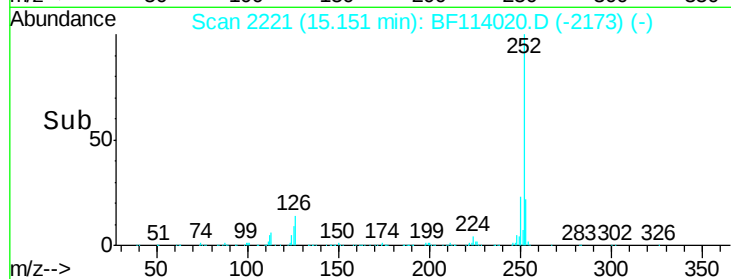
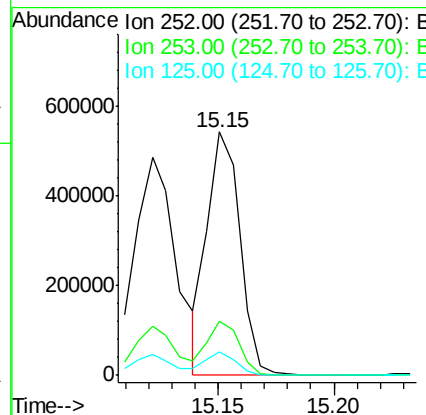
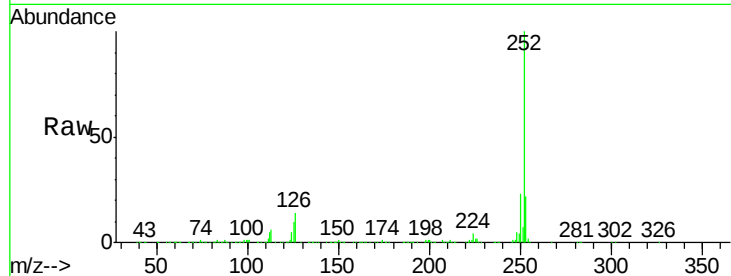




#89
Benzo(k)fluoranthene
Concen: 39.997 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

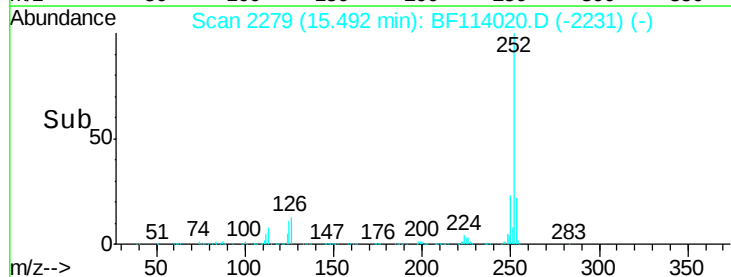
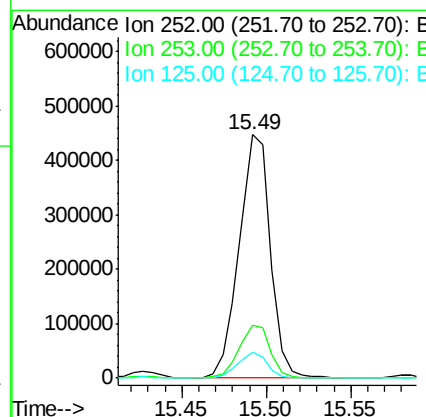
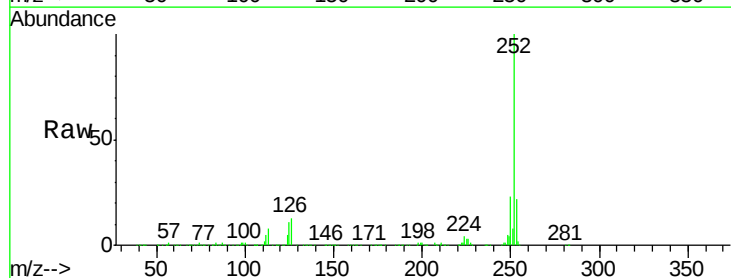
Instrument :
BNA_F
ClientSampleId :

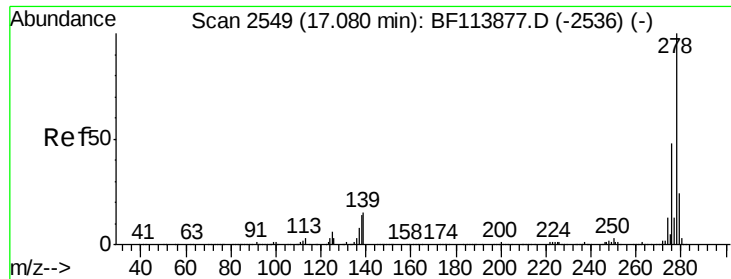
Tot Ion:252 Resp: 531677
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 9.6 7.4 11.2



#90
Benzo(a)pyrene
Concen: 42.963 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF114020.D
Acq: 29 Apr 2019 13:12

Tgt Ion:252 Resp: 574277
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 10.9 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 49.024 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.02 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

Instrument :

BNA_F

ClientSampleId :

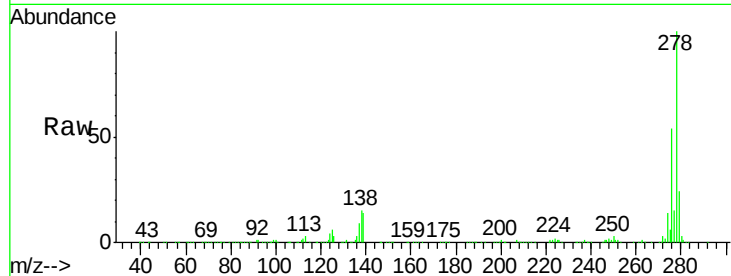
Tot Ion:278 Resp: 615135

Ion Ratio Lower Upper

278 100

139 14.2 11.6 17.4

279 23.5 19.0 28.6

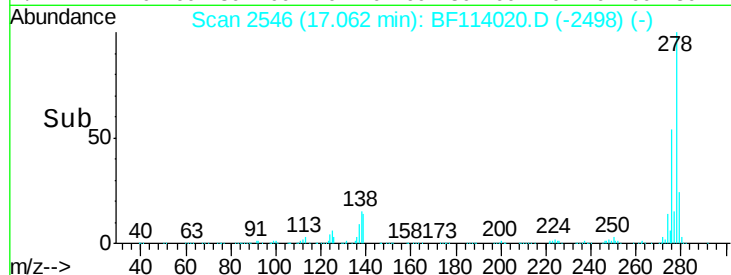


Abundance Ion 278.00 (277.70 to 278.70): E

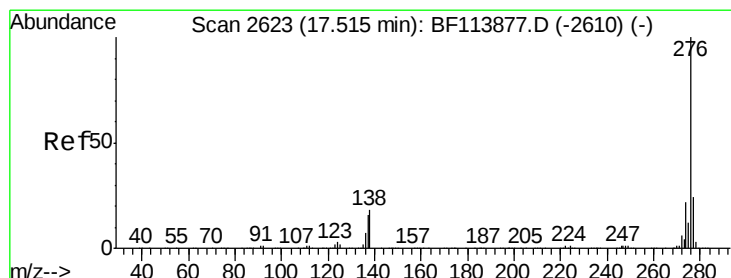
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



Time-->



#92

Benzo(g,h,i)perylene

Concen: 49.565 ng

RT: 17.50 min Scan# 2620

Delta R.T. -0.02 min

Lab File: BF114020.D

Acq: 29 Apr 2019 13:12

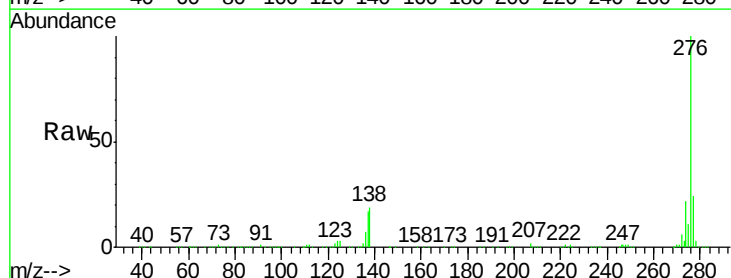
Tgt Ion:276 Resp: 627630

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 19.5 16.6 25.0

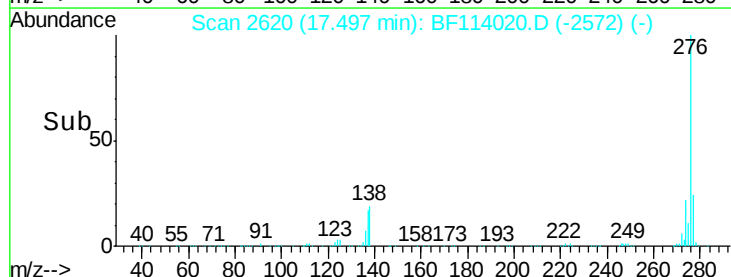


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

Time-->



Time-->