

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
 Data File : BF120566.D
 Acq On : 5 Jun 2020 18:20
 Operator : JU/CG
 Sample : L2893-01MSD 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2AMSD

Quant Time: Jun 06 00:22:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:36:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	218826	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	780520	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	363999	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	612841	20.00	ng	0.01
76) Chrysene-d12	13.99	240	407947	20.00	ng	0.01
86) Perylene-d12	15.45	264	365134	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	450021	39.19	ng	0.00
7) Phenol-d6	6.46	99	558467	39.46	ng	0.00
23) Nitrobenzene-d5	7.38	82	333567	27.96	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	122652	36.37	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	607478	28.32	ng	0.00
79) Terphenyl-d14	12.93	244	524797	28.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	56956	10.013	ng	99
3) Pyridine	3.29	79	124454	7.900	ng	98
4) n-Nitrosodimethylamine	3.20	42	75055	11.259	ng	# 96
6) Aniline	6.48	93	197233	9.995	ng	98
8) 2-Chlorophenol	6.60	128	162769	12.572	ng	99
9) Benzaldehyde	6.37	77	91354	10.591	ng	98
10) Phenol	6.47	94	213345	13.785	ng	100
11) bis(2-Chloroethyl)ether	6.55	93	156989	12.138	ng	99
12) 1,3-Dichlorobenzene	6.76	146	166098	11.677	ng	98
13) 1,4-Dichlorobenzene	6.84	146	165641	11.672	ng	99
14) 1,2-Dichlorobenzene	6.99	146	158723	12.109	ng	97
15) Benzyl Alcohol	6.96	79	136454	12.790	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	222118	10.894	ng	94
17) 2-Methylphenol	7.08	107	129108	11.152	ng	98
18) Hexachloroethane	7.33	117	45230	8.707	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	126733	14.087	ng	98
20) 3+4-Methylphenols	7.23	107	165826	11.338	ng	# 82
22) Acetophenone	7.23	105	258206	16.289	ng	# 93
24) Nitrobenzene	7.40	77	176964	13.768	ng	# 91
25) Isophorone	7.64	82	338460	14.113	ng	# 91
26) 2-Nitrophenol	7.72	139	70555	12.175	ng	# 81
27) 2,4-Dimethylphenol	7.76	122	150343	14.939	ng	94
28) bis(2-Chloroethoxy)methane	7.85	93	188253	13.035	ng	# 90
29) 2,4-Dichlorophenol	7.97	162	135171	13.297	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	139484	12.227	ng	99
31) Naphthalene	8.13	128	500802	14.610	ng	# 94
33) 4-Chloroaniline	8.17	127	146472	9.641	ng	96
34) Hexachlorobutadiene	8.25	225	83879	12.405	ng	99
35) Caprolactam	8.53	113	117030	35.549	ng	# 57
36) 4-Chloro-3-methylphenol	8.66	107	139734	13.549	ng	90
37) 2-Methylnaphthalene	8.82	142	303412	13.363	ng	99
38) 1-Methylnaphthalene	8.82	142	303412	14.157	ng	96
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	129279	13.849	ng	# 94
43) 2,4,6-Trichlorophenol	9.10	196	87046	12.894	ng	96

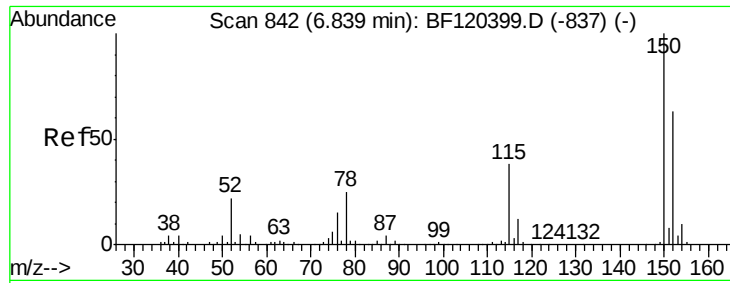
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
 Data File : BF120566.D
 Acq On : 5 Jun 2020 18:20
 Operator : JU/CG
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Quant Time: Jun 06 00:22:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:36:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.15	196	82856	10.827	nq	# 75
46) 1,1'-Biphenyl	9.28	154	343624	14.371	nq	97
47) 2-Chloronaphthalene	9.31	162	249198	12.656	nq	98
48) 2-Nitroaniline	9.40	65	81151	13.531	nq	90
49) Acenaphthylene	9.73	152	410588	13.494	nq	# 88
50) Dimethylphthalate	9.57	163	282443	12.412	nq	# 77
51) 2,6-Dinitrotoluene	9.64	165	61188	12.099	nq	# 50
52) Acenaphthene	9.90	154	280165	14.753	nq	94
53) 3-Nitroaniline	9.81	138	86083	14.496	nq	# 87
54) 2,4-Dinitrophenol	9.93	184	2349	8.655	nq	# 1
55) Dibenzofuran	10.07	168	358287	12.983	nq	# 68
56) 4-Nitrophenol	9.97	139	125642	27.635	nq	84
57) 2,4-Dinitrotoluene	10.05	165	93323	14.419	nq	# 96
58) Fluorene	10.41	166	368820	17.810	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	59430	9.966	nq	# 73
60) Diethylphthalate	10.28	149	300372	13.062	nq	97
61) 4-Chlorophenyl-phenylether	10.40	204	135508	12.069	nq	95
62) 4-Nitroaniline	10.42	138	62473	11.143	nq	93
63) Azobenzene	10.56	77	266476	12.320	nq	# 81
66) n-Nitrosodiphenylamine	10.52	169	527247	30.971	nq	# 84
67) 4-Bromophenyl-phenylether	10.89	248	78709	12.723	nq	# 91
68) Hexachlorobenzene	10.96	284	82482	12.520	nq	# 91
69) Atrazine	11.05	200	70470	14.687	nq	93
70) Pentachlorophenol	11.16	266	72180	17.920	nq	99
71) Phenanthrene	11.37	178	565517	20.942	nq	98
72) Anthracene	11.42	178	406003	14.985	nq	98
73) Carbazole	11.57	167	322231	12.296	nq	95
74) Di-n-butylphthalate	11.91	149	536916	17.613	nq	100
75) Fluoranthene	12.56	202	392341	13.503	nq	98
77) Benzidine	12.68	184	60695	5.663	nq	# 73
78) Pyrene	12.79	202	420272	14.814	nq	98
80) Butylbenzylphthalate	13.40	149	148000	12.496	nq	91
81) Benzo(a)anthracene	13.98	228	300403	13.740	nq	98
82) 3,3'-Dichlorobenzidine	13.94	252	83288	10.493	nq	# 96
83) Chrysene	14.02	228	293790	12.817	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	291788	20.987	nq	# 97
85) Di-n-octyl phthalate	14.58	149	347556	14.447	nq	# 93
87) Indeno(1,2,3-cd)pyrene	16.90	276	247694	12.403	nq	96
88) Benzo(b)fluoranthene	15.03	252	251021	12.377	nq	# 85
89) Benzo(k)fluoranthene	15.05	252	222520	11.753	nq	# 82
90) Benzo(a)pyrene	15.39	252	207767	11.712	nq	# 83
91) Dibenzo(a,h)anthracene	16.91	278	209019	12.838	nq	# 92
92) Benzo(g,h,i)perylene	17.33	276	210265	13.094	nq	# 93

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

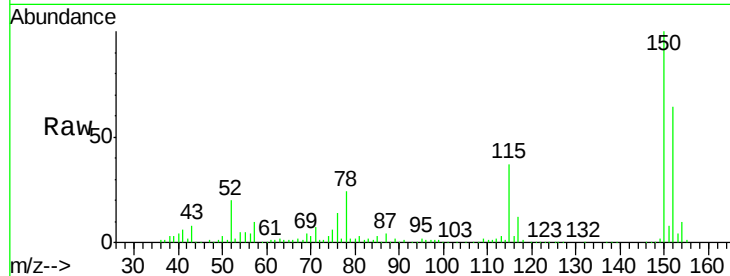


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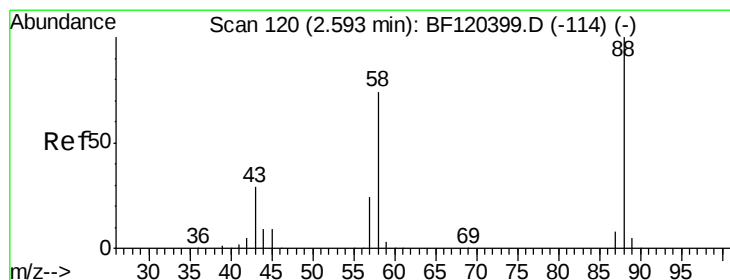
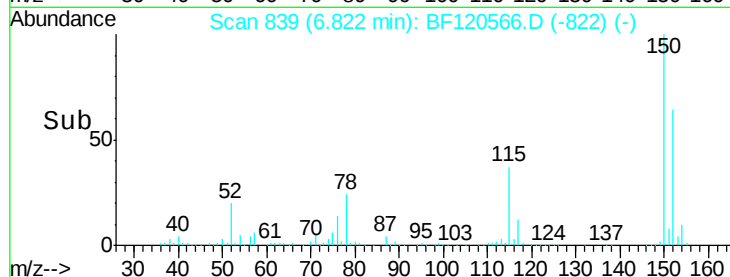
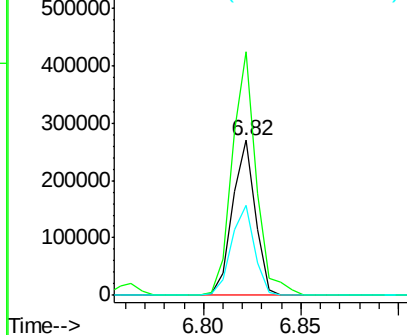
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

Instrument :
BNA_F
ClientSampleId :
SP-2AMSD

Tot Ion:152 Resp: 218826
Ion Ratio Lower Upper
152 100
150 157.3 124.2 186.4
115 57.8 43.8 65.6



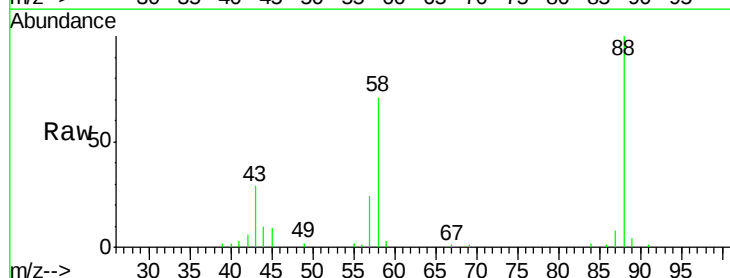
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



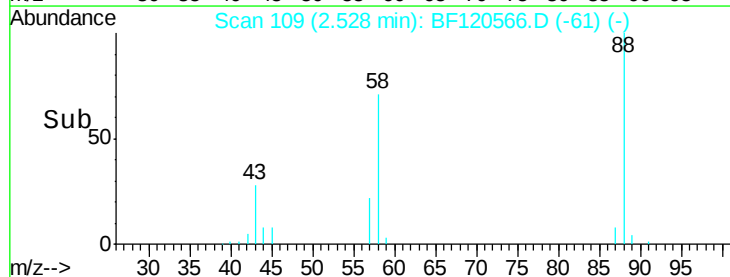
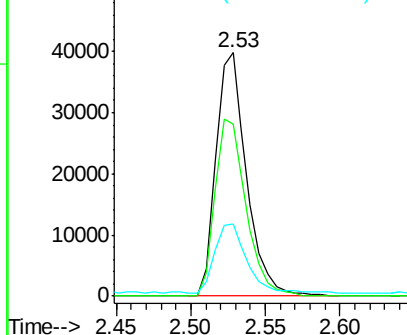
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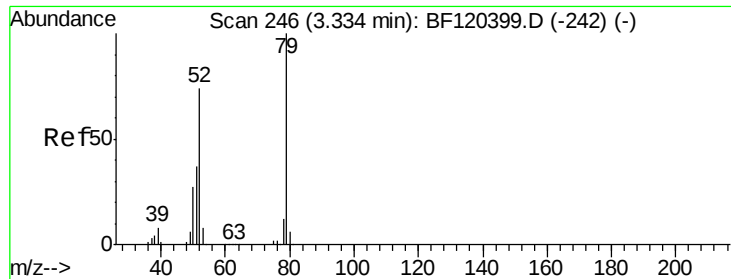
1,4-Dioxane
Concen: 10.013 ng
RT: 2.53 min Scan# 109
Delta R.T. -0.02 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

Tgt Ion: 88 Resp: 56956
Ion Ratio Lower Upper
88 100
58 73.8 58.8 88.2
43 29.6 23.0 34.4



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

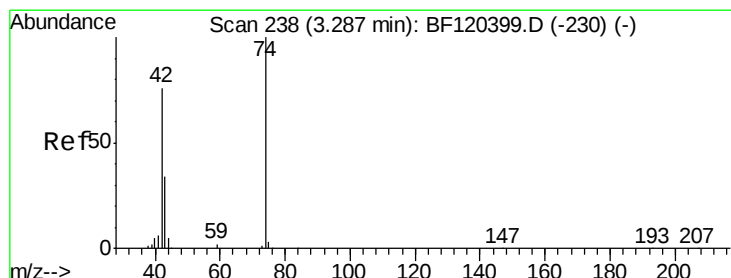
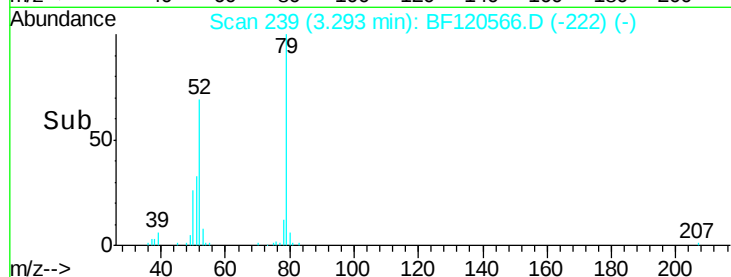
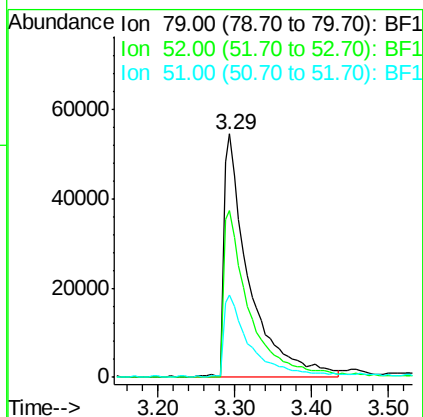
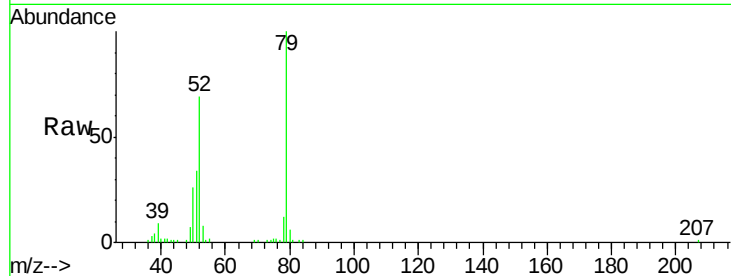




#3
 Pvridine
 Concen: 7.900 ng
 RT: 3.29 min Scan# 239
 Delta R.T. 0.00 min
 Lab File: BF120566.D
 Acq: 5 Jun 2020 18:20

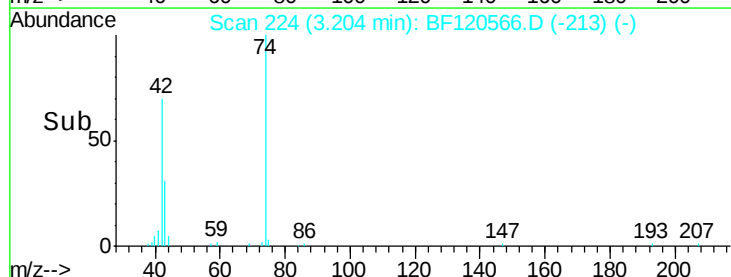
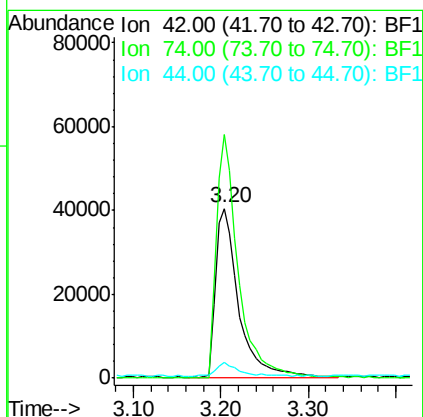
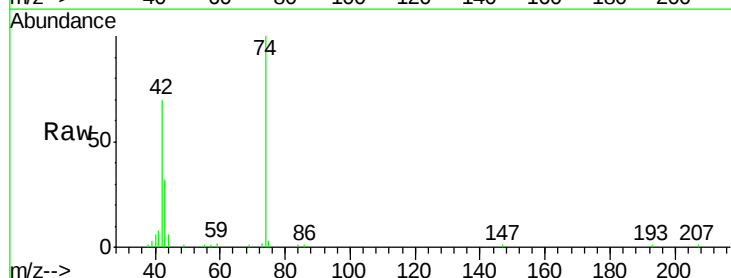
Instrument :
 BNA_F
 ClientSampleId :
 SP-2AMSD

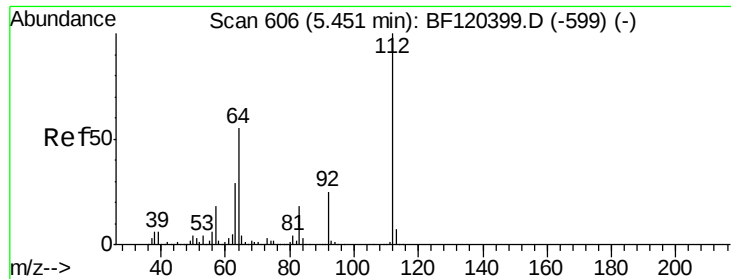
Tot Ion: 79 Resp: 124454
 Ion Ratio Lower Upper
 79 100
 52 68.5 57.0 85.4
 51 33.8 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 11.259 ng
 RT: 3.20 min Scan# 224
 Delta R.T. -0.04 min
 Lab File: BF120566.D
 Acq: 5 Jun 2020 18:20

Tgt Ion: 42 Resp: 75055
 Ion Ratio Lower Upper
 42 100
 74 143.7 110.8 166.2
 44 9.1 5.8 8.8#





#5

2-Fluorophenol

Concen: 39.192 ng

RT: 5.43 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

SP-2AMSD

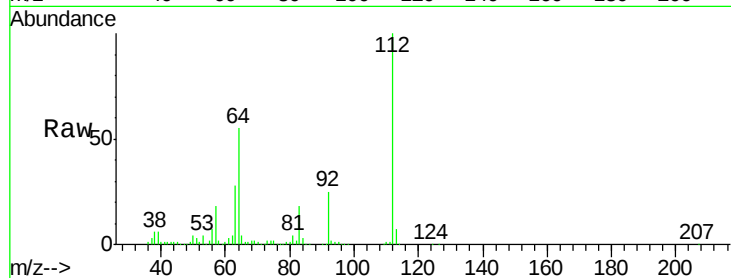
Tot Ion:112 Resp: 450021

Ion Ratio Lower Upper

112 100

64 55.3 46.5 69.7

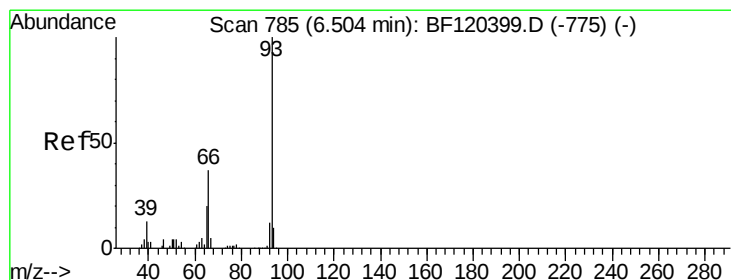
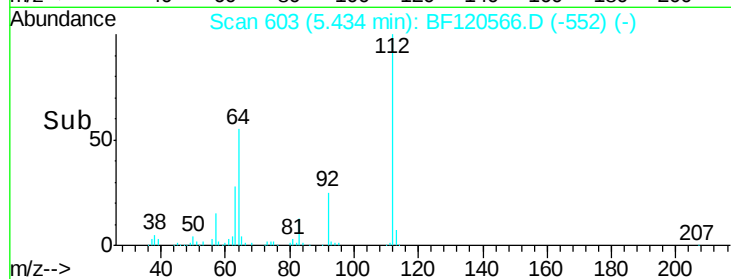
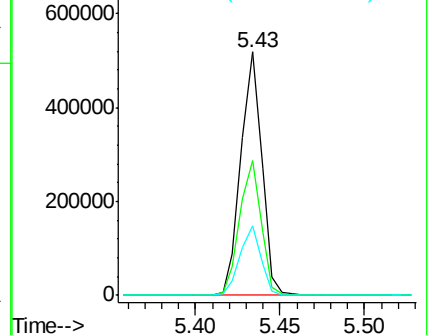
63 28.4 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.995 ng

RT: 6.48 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

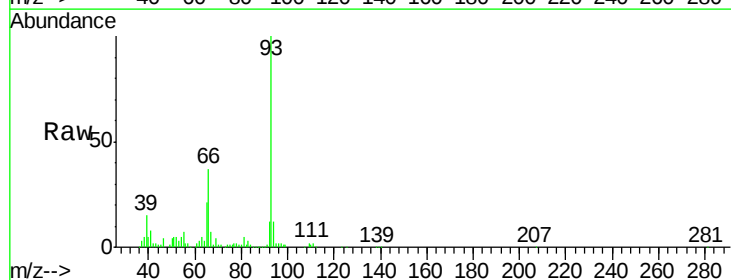
Tgt Ion: 93 Resp: 197233

Ion Ratio Lower Upper

93 100

66 37.3 29.1 43.7

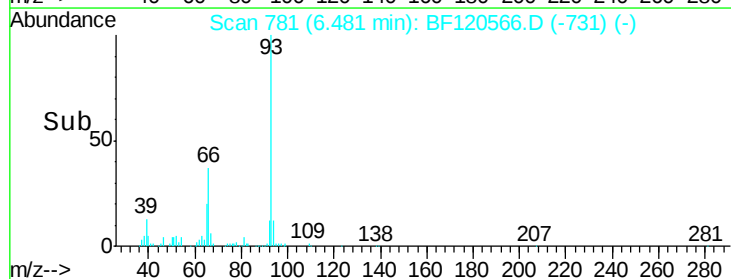
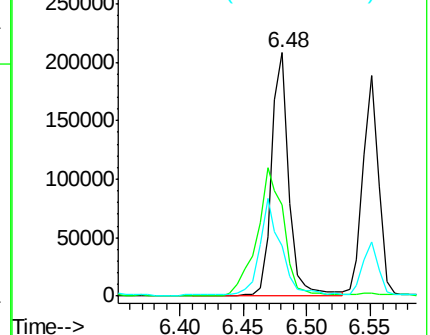
65 20.8 15.4 23.0

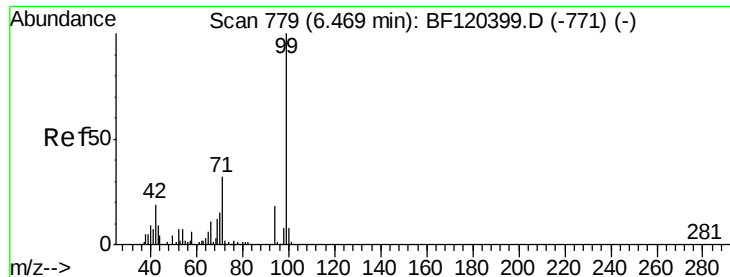


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 39.460 ng

RT: 6.46 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

SP-2AMSD

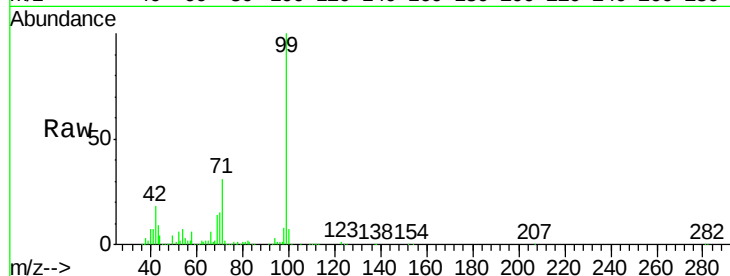
Tot Ion: 99 Resp: 558467

Ion Ratio Lower Upper

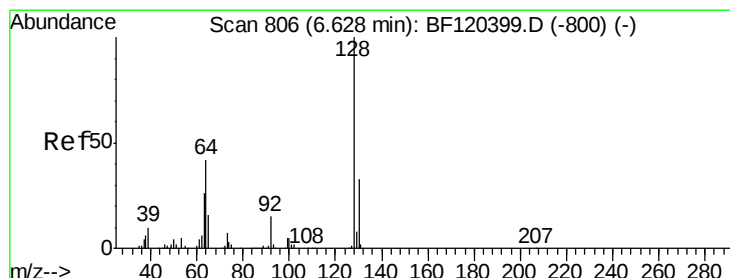
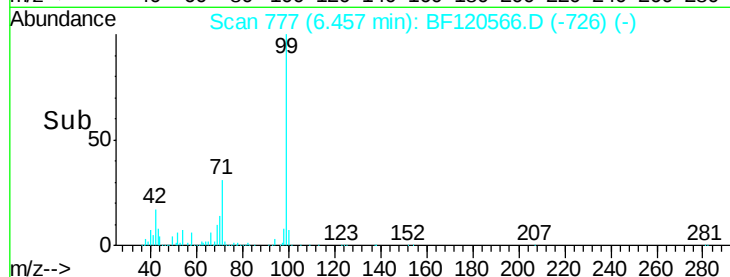
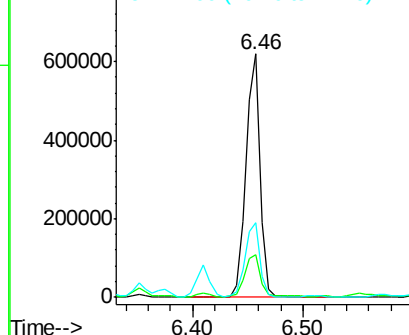
99 100

42 17.5 14.8 22.2

71 30.9 25.8 38.6



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: 12.572 ng

RT: 6.60 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

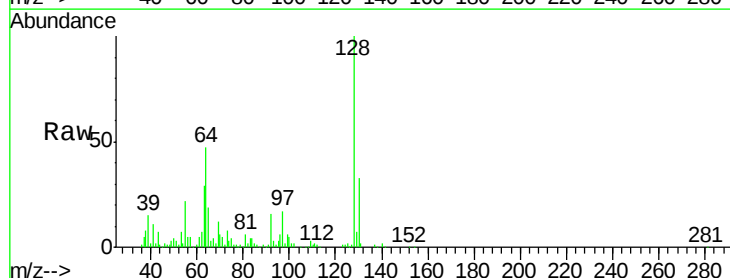
Tgt Ion: 128 Resp: 162769

Ion Ratio Lower Upper

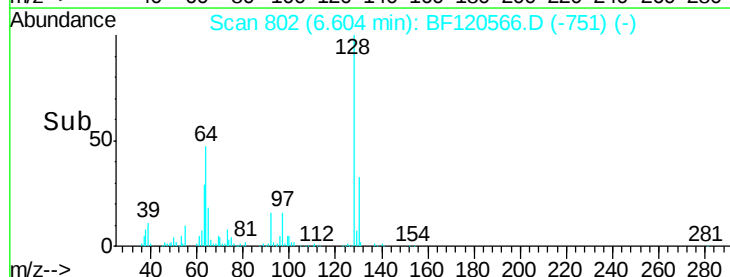
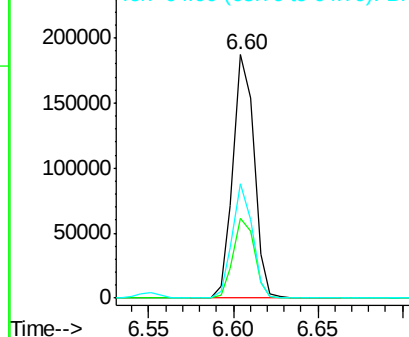
128 100

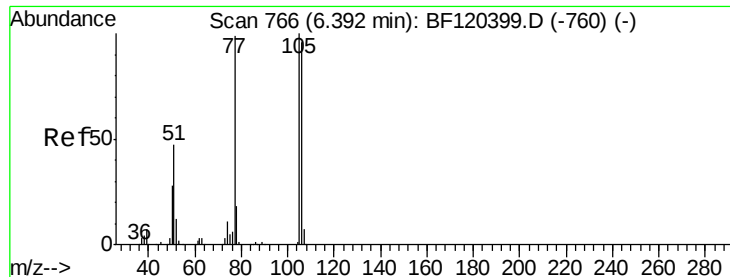
130 32.8 12.1 52.1

64 46.9 27.0 67.0



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: 10.591 ng

RT: 6.37 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

SP-2AMSD

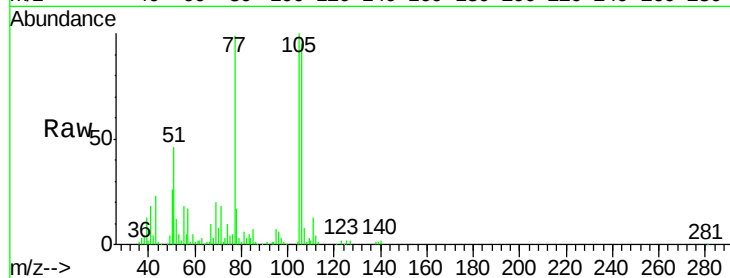
Tot Ion: 77 Resp: 91354

Ion Ratio Lower Upper

77 100

105 101.1 81.7 121.7

106 96.2 78.6 118.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

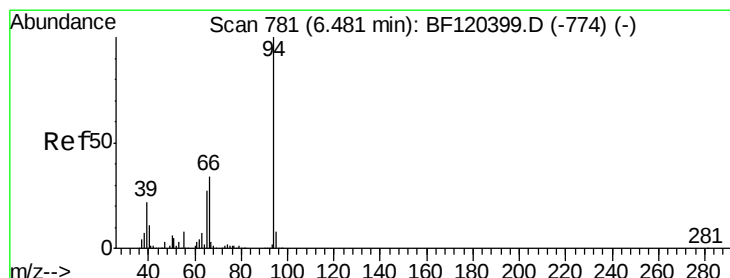
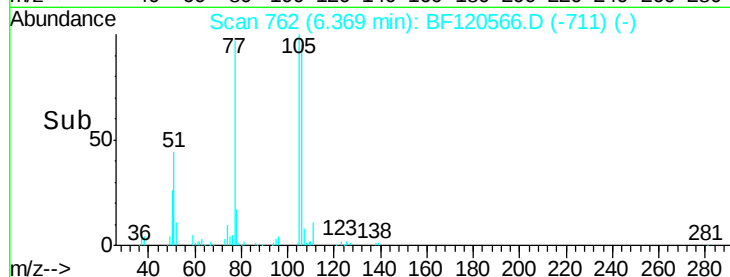
6.37

100000

50000

0

Time-->



#10

Phenol

Concen: 13.785 ng

RT: 6.47 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

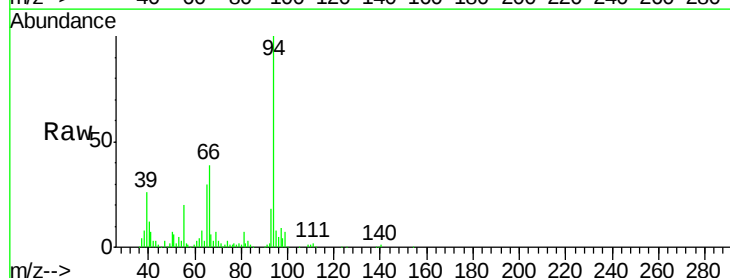
Tgt Ion: 94 Resp: 213345

Ion Ratio Lower Upper

94 100

65 29.7 9.8 49.8

66 39.4 19.4 59.4



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

6.47

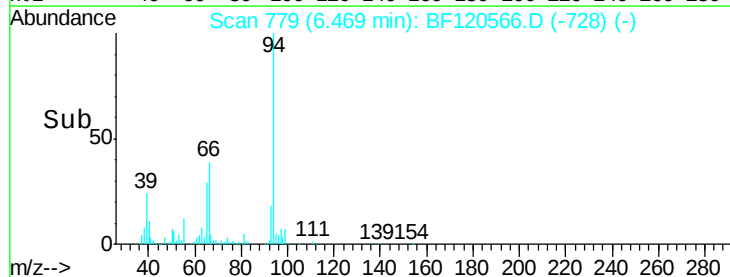
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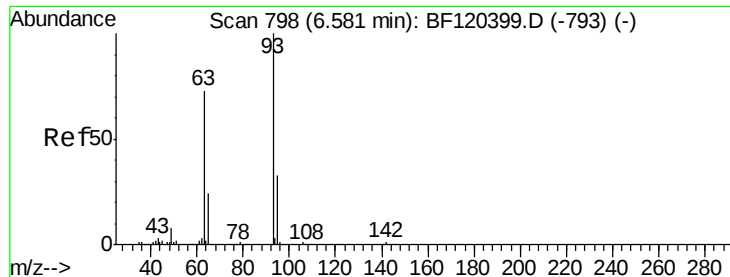
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100000

0

Time-->

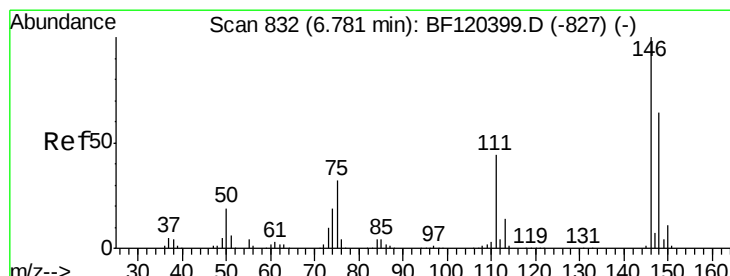
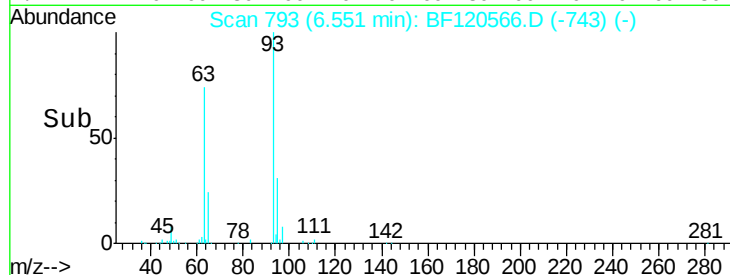
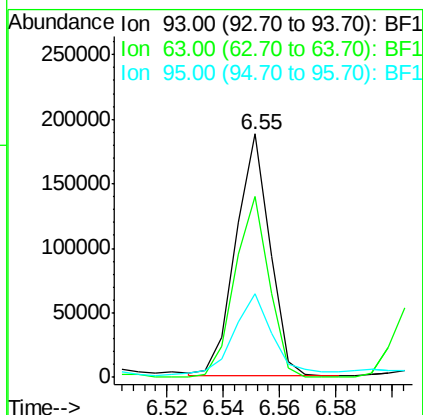
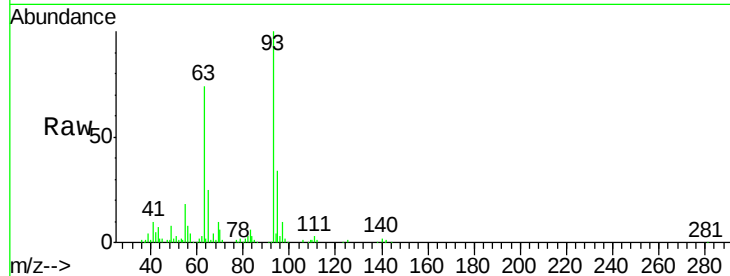




#11
bis(2-Chloroethyl)ether
Concen: 12.138 ng
RT: 6.55 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

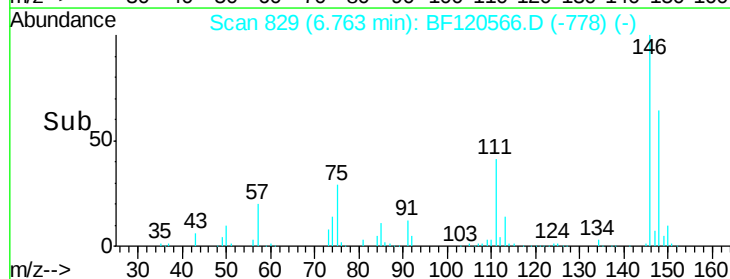
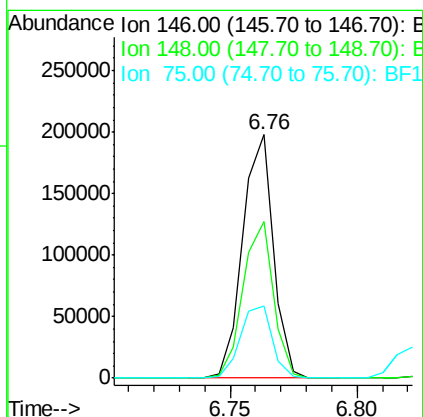
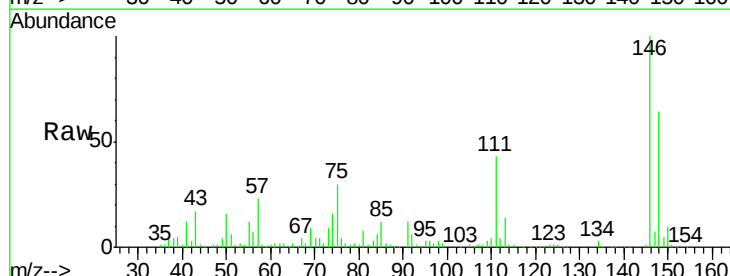
Instrument :
BNA_F
ClientSampleId :
SP-2AMSD

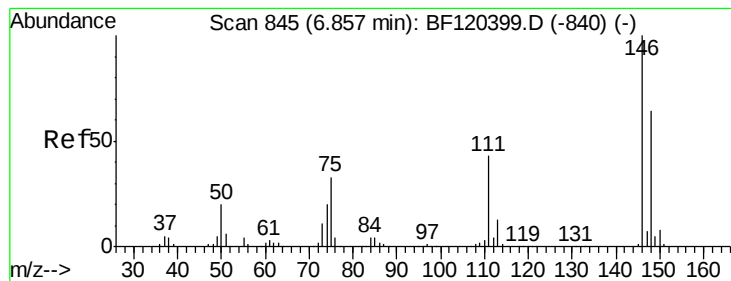
Tot Ion: 93 Resp: 156989
Ion Ratio Lower Upper
93 100
63 74.3 54.4 94.4
95 34.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 11.677 ng
RT: 6.76 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

Tgt Ion: 146 Resp: 166098
Ion Ratio Lower Upper
146 100
148 64.5 51.2 76.8
75 29.8 22.1 33.1





#13

1,4-Dichlorobenzene

Concen: 11.672 ng

RT: 6.84 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

SP-2AMSD

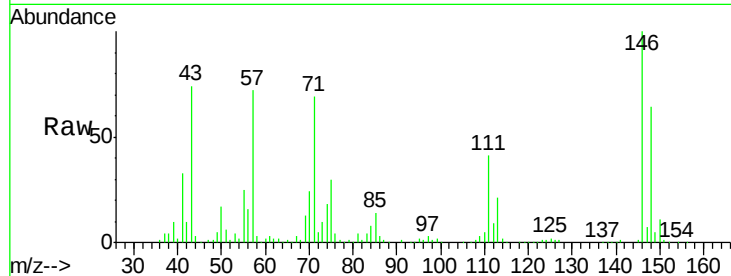
Tot Ion:146 Resp: 165641

Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.4

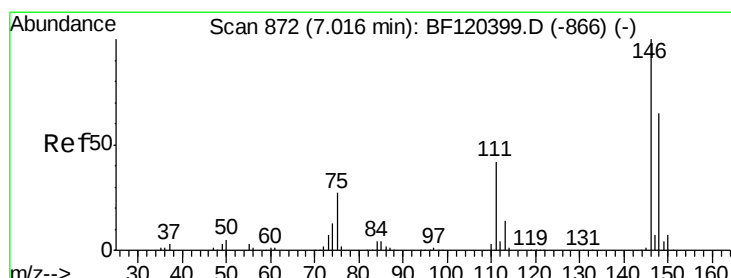
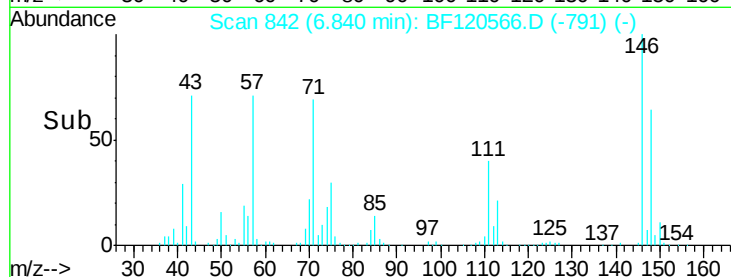
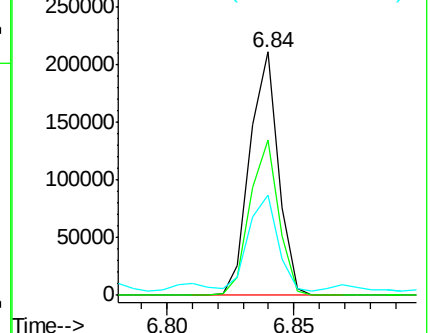
111 41.1 32.5 48.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 12.109 ng

RT: 6.99 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

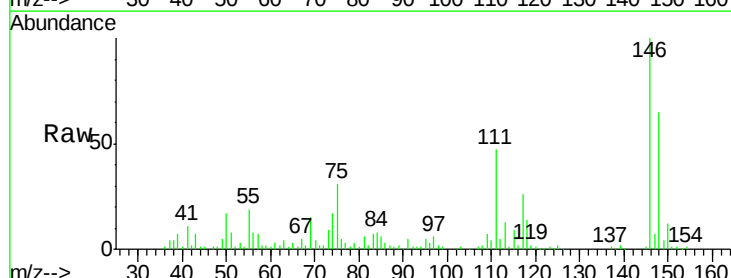
Tgt Ion:146 Resp: 158723

Ion Ratio Lower Upper

146 100

148 64.7 51.0 76.4

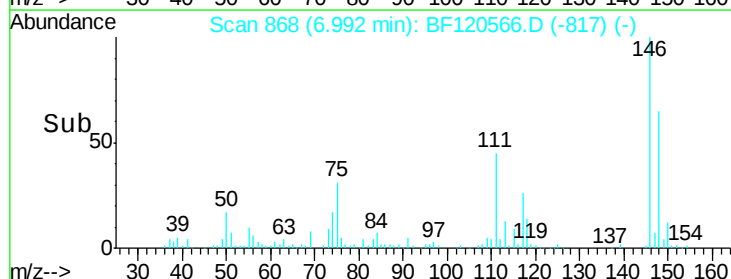
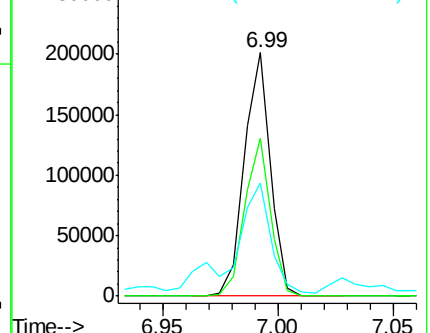
111 46.6 34.2 51.4

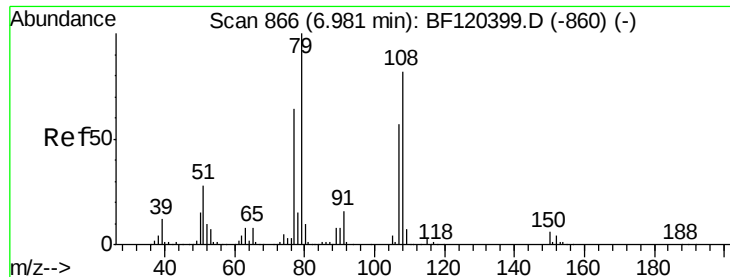


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 12.790 ng

RT: 6.96 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

SP-2AMSD

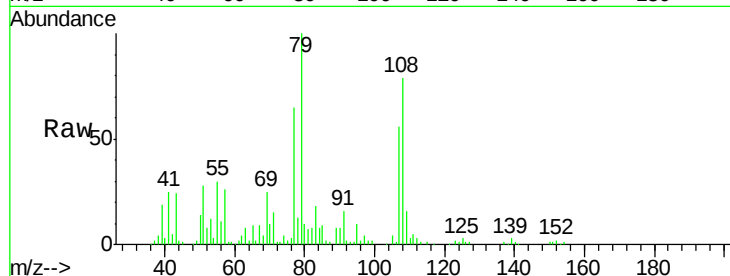
Tot Ion: 79 Resp: 136454

Ion Ratio Lower Upper

79 100

108 79.4 65.0 97.6

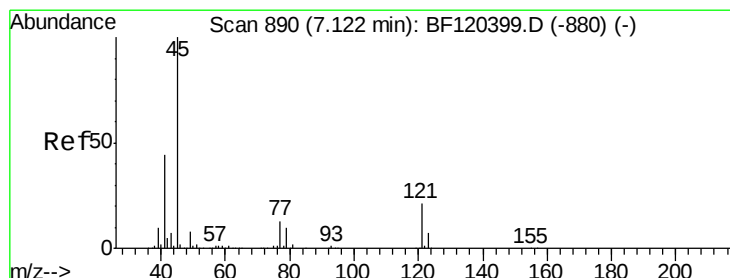
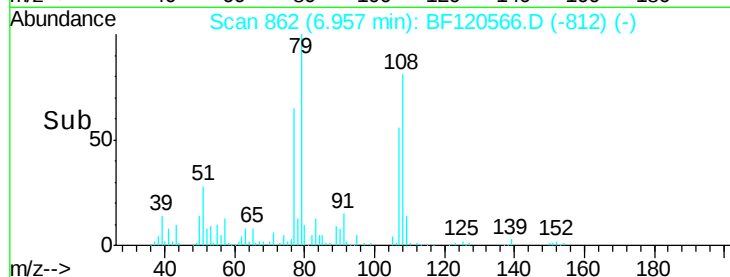
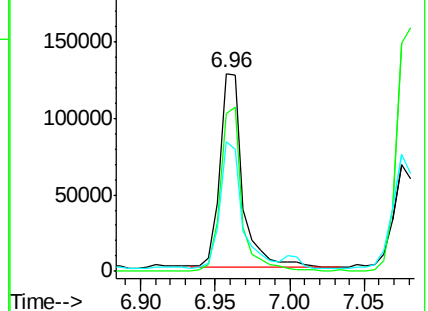
77 65.4 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 10.894 ng

RT: 7.09 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

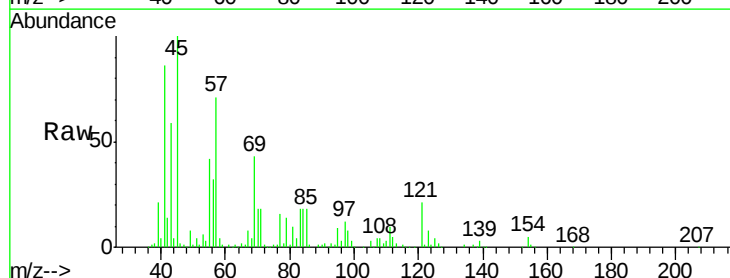
Tgt Ion: 45 Resp: 222118

Ion Ratio Lower Upper

45 100

77 16.1 0.0 34.2

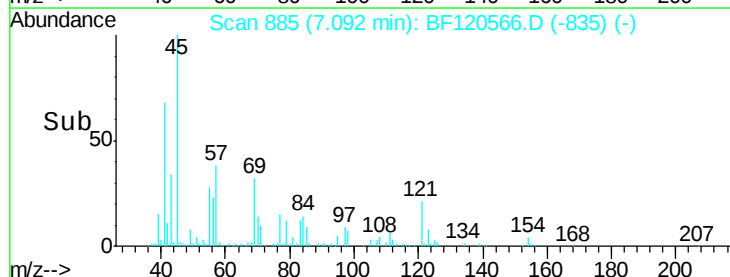
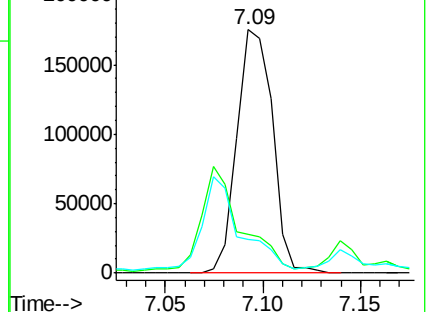
79 14.0 0.0 31.3

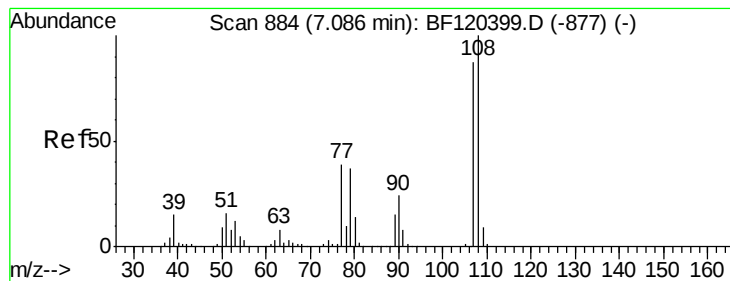


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

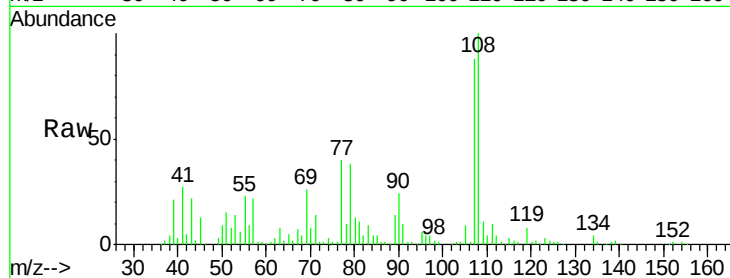




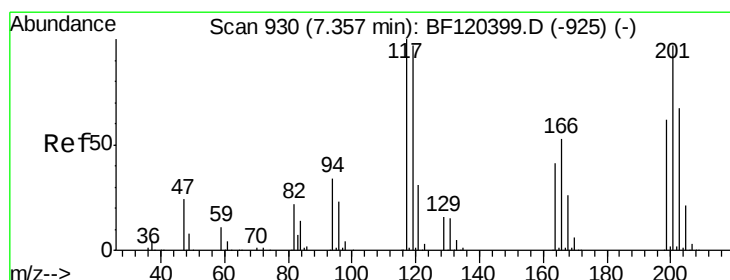
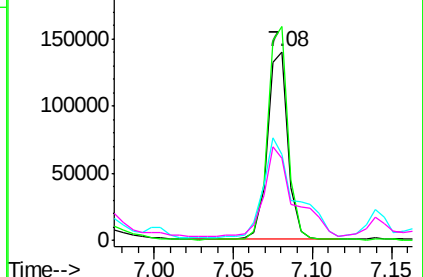
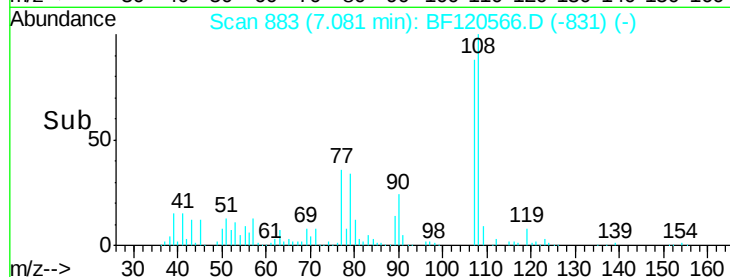
#17
2-Methylphenol
Concen: 11.152 ng
RT: 7.08 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

Instrument :
BNA_F
ClientSampleId :
SP-2AMSD

Tot Ion:	107	Resp:	129108
Ion	Ratio	Lower	Upper
107	100		
108	113.3	92.6	139.0
77	45.7	36.2	54.2
79	43.2	35.8	53.8

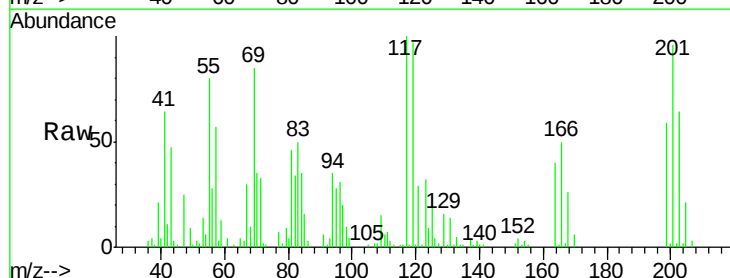


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

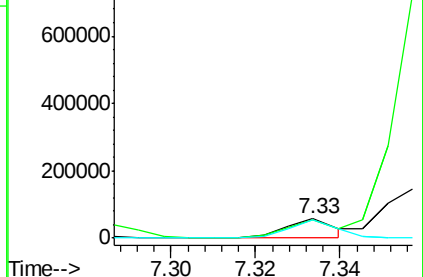
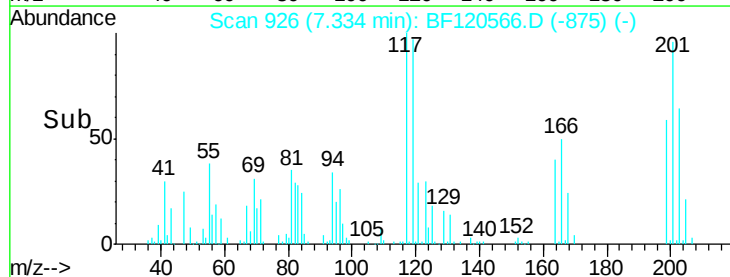


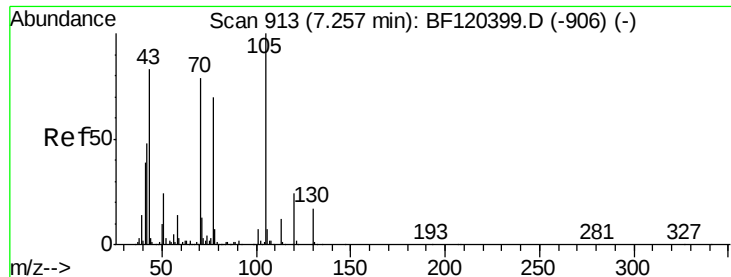
#18
Hexachloroethane
Concen: 8.707 ng
RT: 7.33 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

Tgt Ion:	117	Resp:	45230
Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.8	116.8
201	95.6	84.4	126.6



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

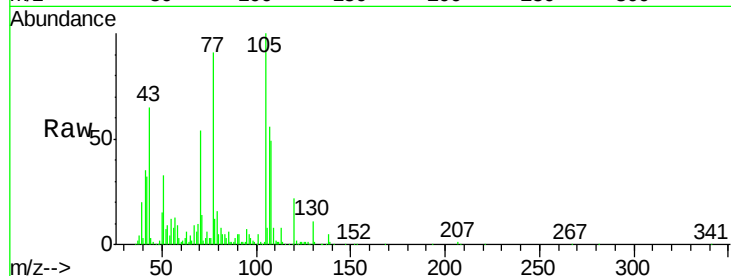




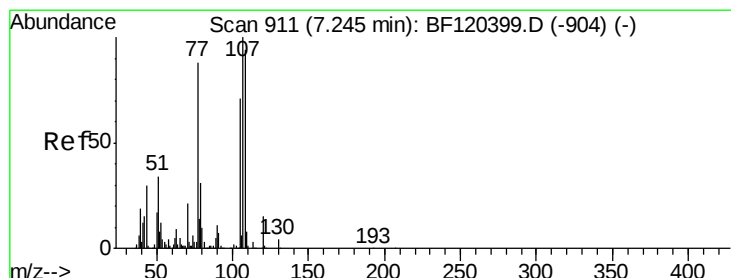
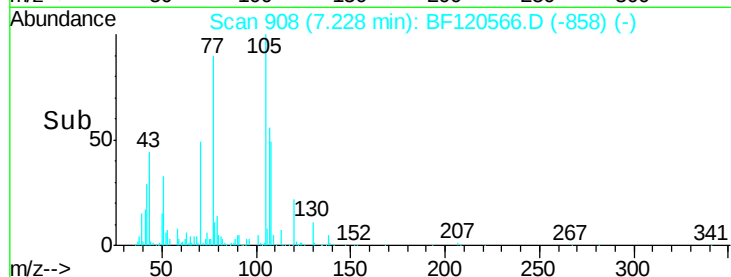
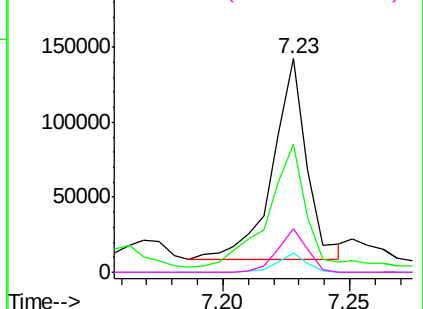
#19
n-Nitroso-di-n-propylamine
Concen: 14.087 ng
RT: 7.23 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

Instrument :
BNA_F
ClientSampleId :
SP-2AMSD

Tot Ion: 70 Resp: 126733
Ion Ratio Lower Upper
70 100
42 59.8 49.1 73.7
101 9.3 7.7 11.5
130 20.2 17.4 26.2

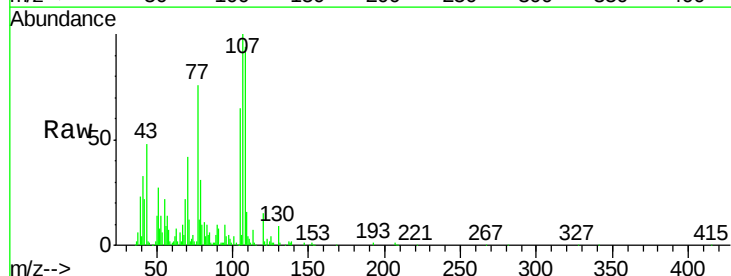


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

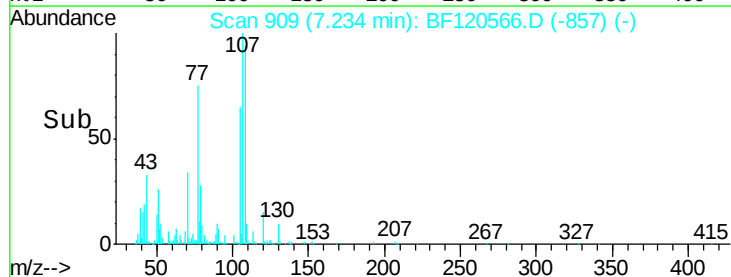
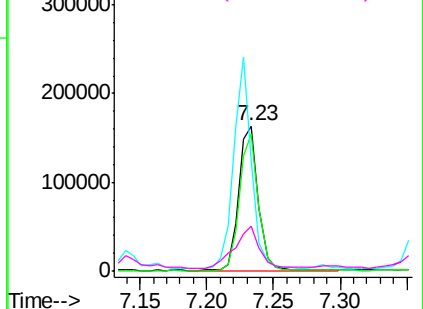


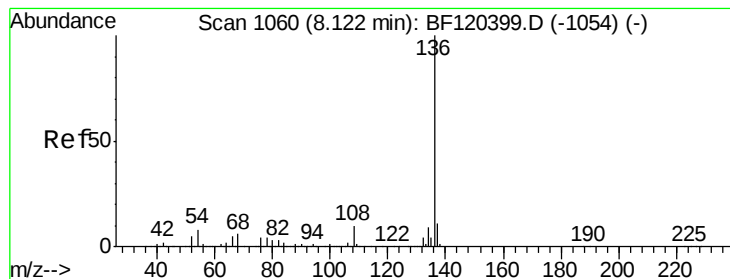
#20
3+4-Methylphenols
Concen: 11.338 ng
RT: 7.23 min Scan# 909
Delta R.T. 0.01 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

Tgt Ion: 107 Resp: 165826
Ion Ratio Lower Upper
107 100
108 94.1 70.4 110.4
77 76.2 92.2 132.2#
79 30.7 9.0 49.0



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1058

Delta R.T. 0.01 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

SP-2AMSD

Tot Ion:136 Resp: 780520

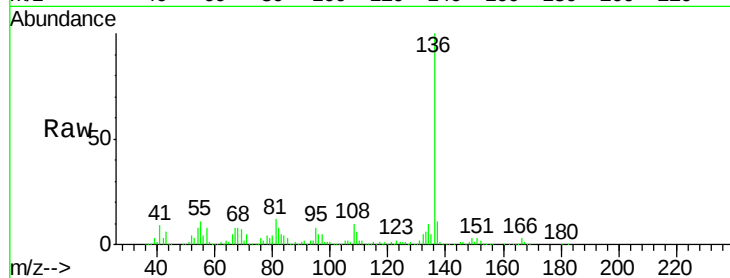
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 8.4 5.1 7.7#

68 7.9 4.0 6.0#

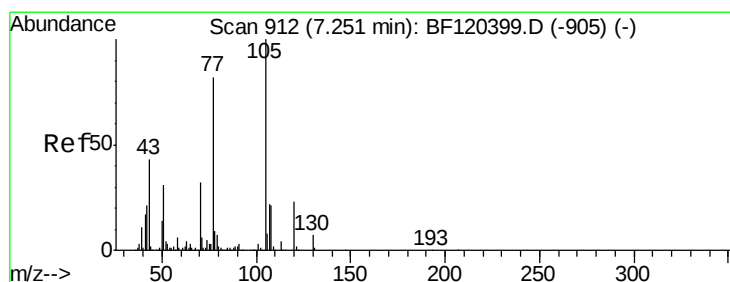
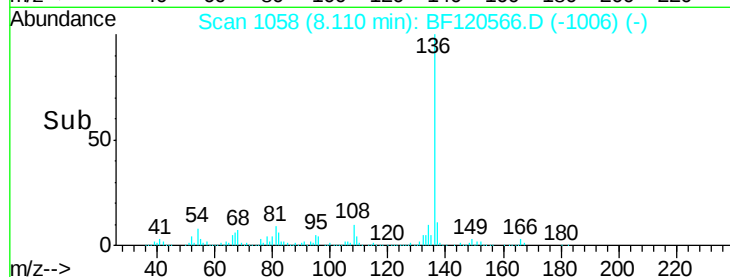
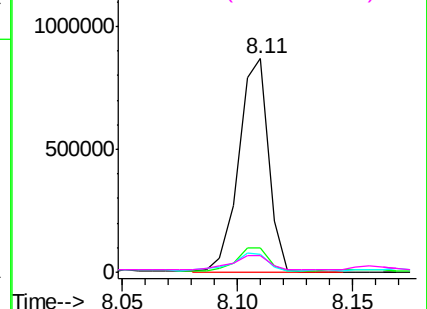


Abundance Ion 136.00 (135.70 to 136.70): E

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: 16.289 ng

RT: 7.23 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

Tgt Ion:105 Resp: 258206

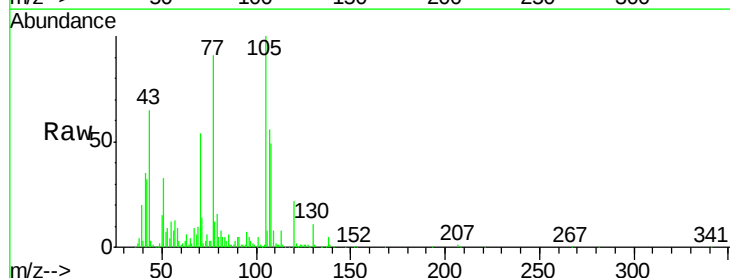
Ion Ratio Lower Upper

105 100

71 14.4 5.1 7.7#

51 33.2 30.7 46.1

120 22.2 17.4 26.2

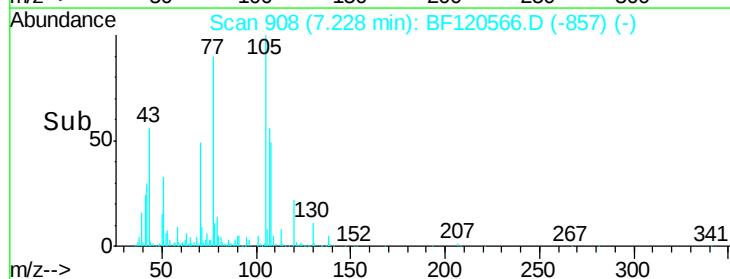
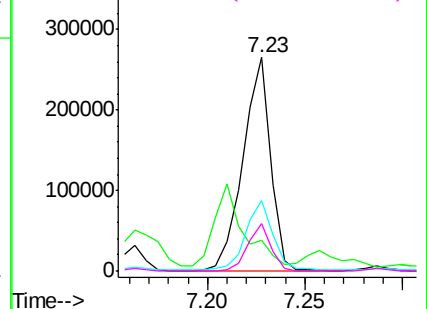


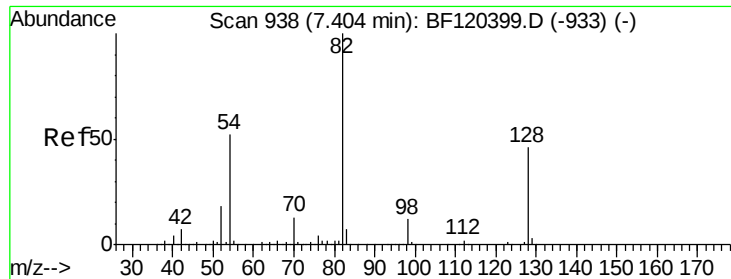
Abundance Ion 105.00 (104.70 to 105.70): E

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

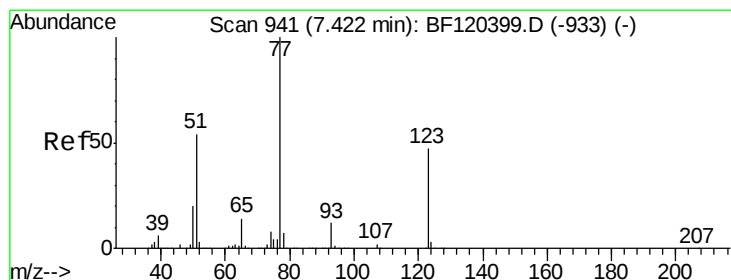
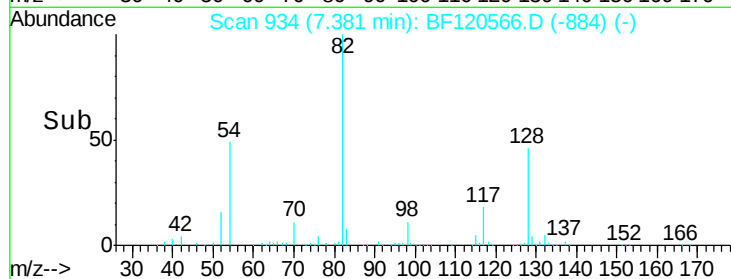
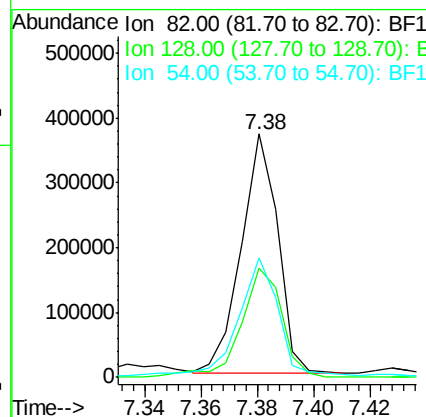
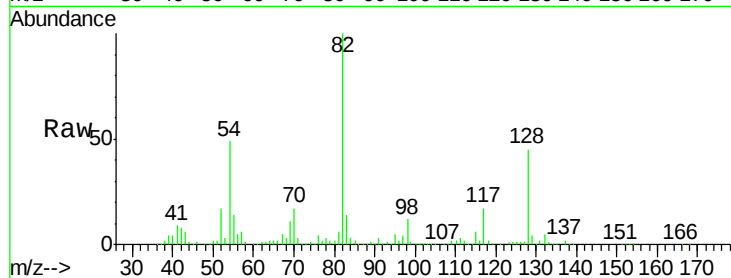




#23
 Nitrobenzene-d5
 Concen: 27.955 ng
 RT: 7.38 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BF120566.D
 Acq: 5 Jun 2020 18:20

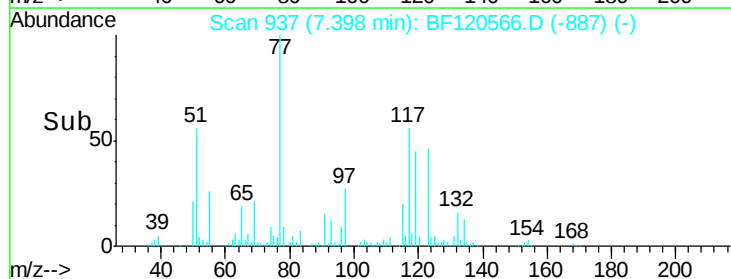
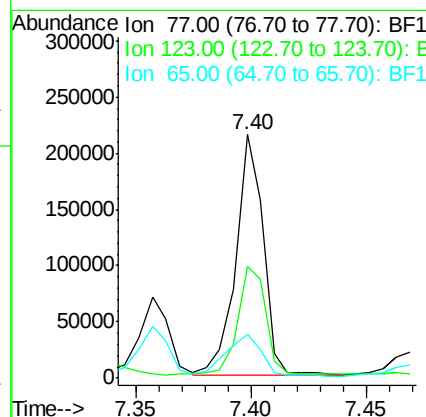
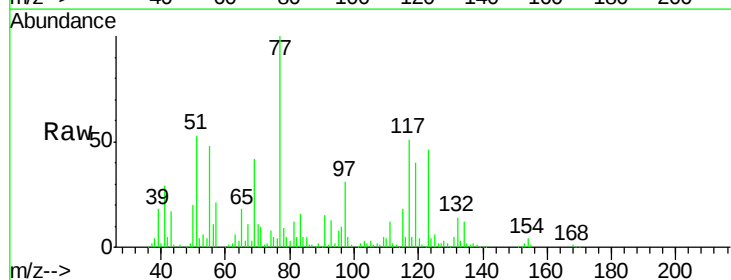
Instrument :
 BNA_F
 ClientSampleId :
 SP-2AMSD

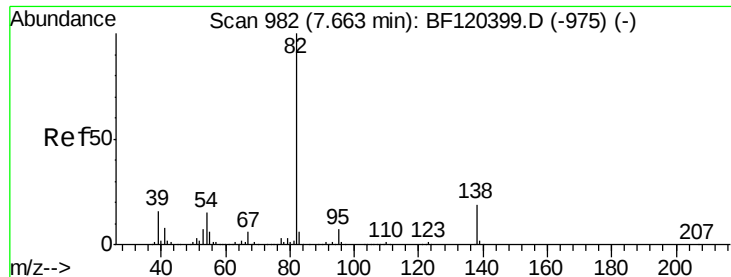
Tot Ion	82	Resp	333567
Ion Ratio	Lower	Upper	
82	100		
128	44.9	38.6	57.8
54	49.1	39.5	59.3



#24
 Nitrobenzene
 Concen: 13.768 ng
 RT: 7.40 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF120566.D
 Acq: 5 Jun 2020 18:20

Tgt Ion	77	Resp	176964
Ion Ratio	Lower	Upper	
77	100		
123	45.9	41.3	61.9
65	18.3	10.8	16.2#





#25

Isophorone

Concen: 14.113 ng

RT: 7.64 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

SP-2AMSD

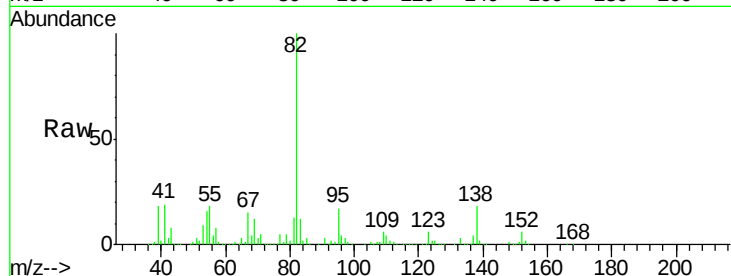
Tot Ion: 82 Resp: 338460

Ion Ratio Lower Upper

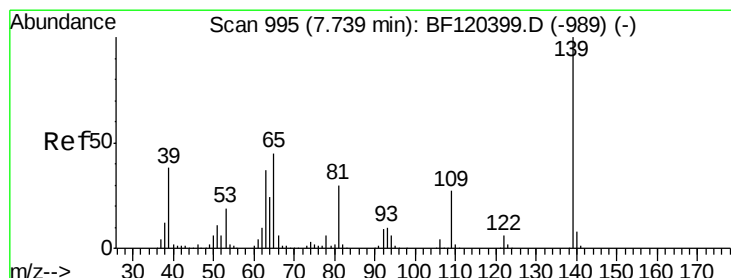
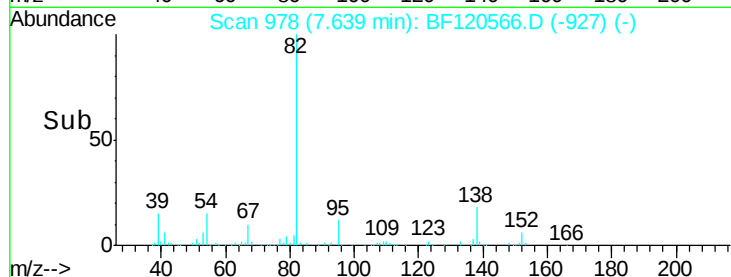
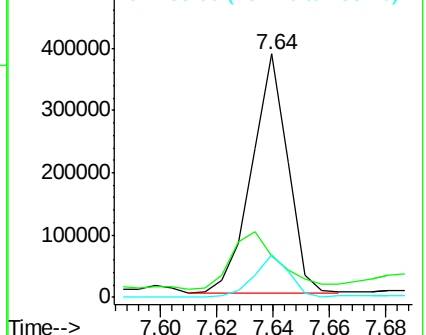
82 100

95 17.2 5.8 8.6#

138 17.7 14.9 22.3



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: 12.175 ng

RT: 7.72 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

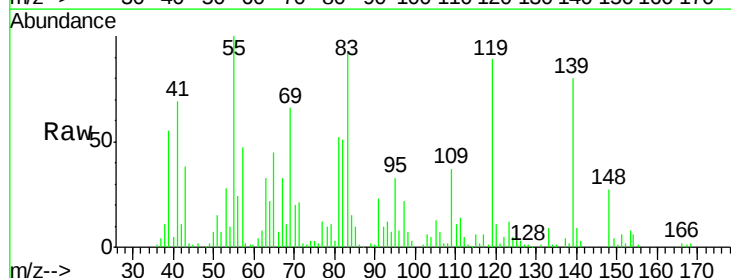
Tgt Ion: 139 Resp: 70555

Ion Ratio Lower Upper

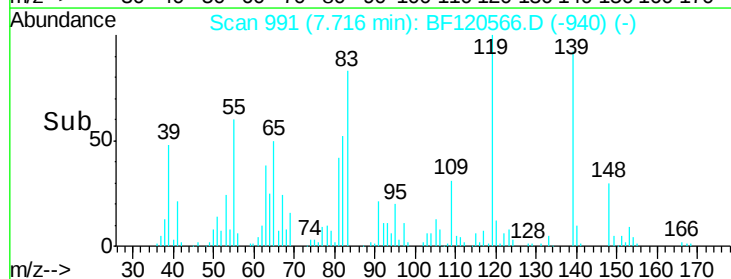
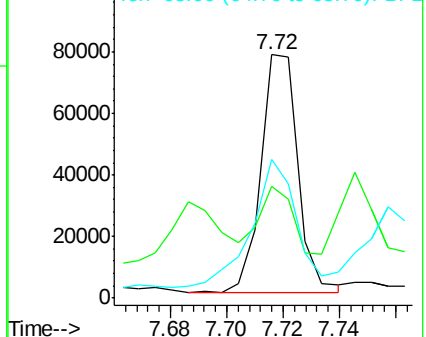
139 100

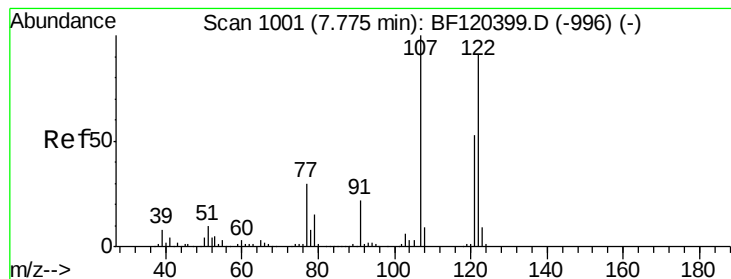
109 46.2 22.7 34.1#

65 56.8 39.8 59.6



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





#27

2,4-Dimethylphenol

Concen: 14.939 ng

RT: 7.76 min Scan# 999

Delta R.T. 0.01 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

SP-2AMSD

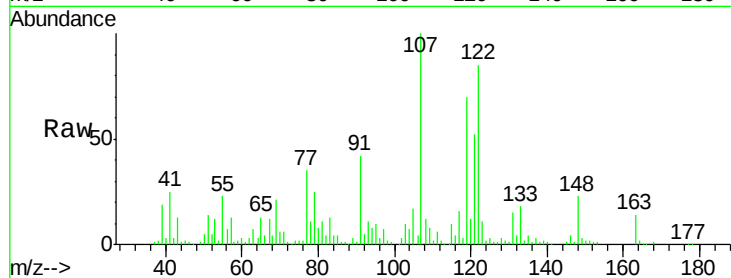
Tot Ion:122 Resp: 150343

Ion Ratio Lower Upper

122 100

107 117.5 89.0 133.6

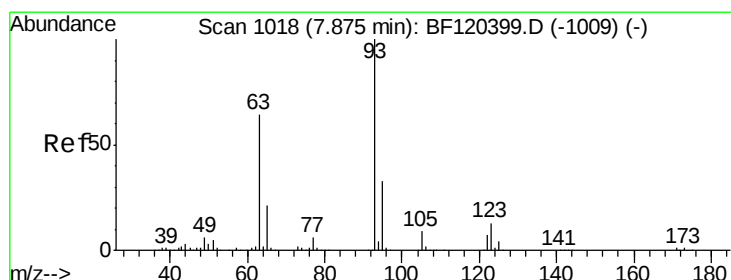
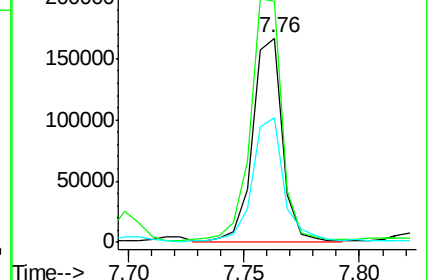
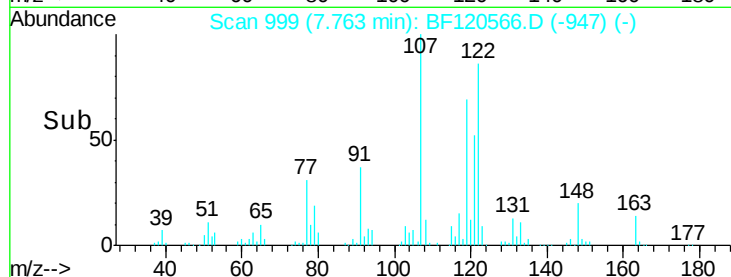
121 61.0 45.9 68.9



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: 13.035 ng

RT: 7.85 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

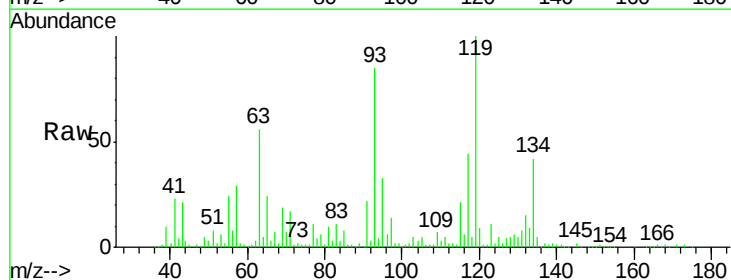
Tgt Ion: 93 Resp: 188253

Ion Ratio Lower Upper

93 100

95 39.4 25.8 38.6#

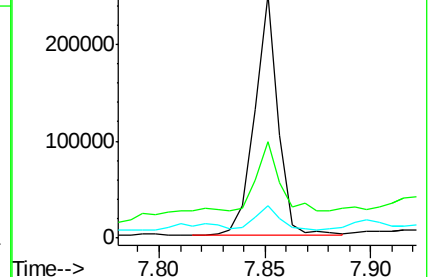
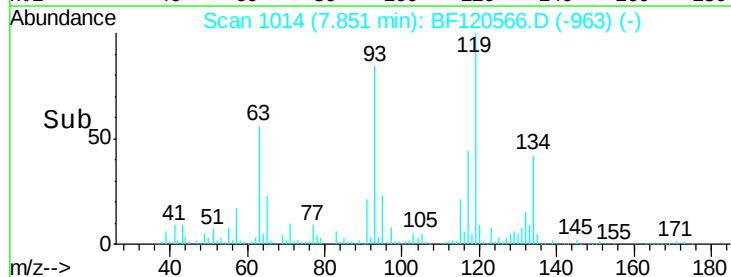
123 13.4 9.8 14.6

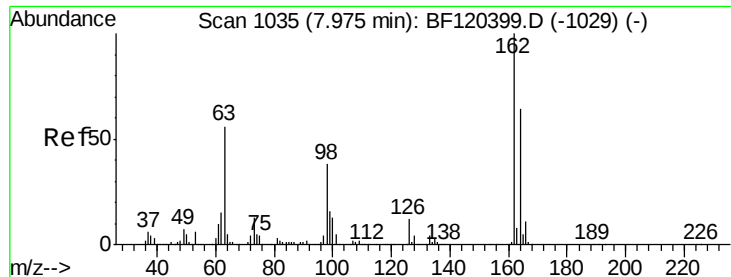


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 13.297 ng

RT: 7.97 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

SP-2AMSD

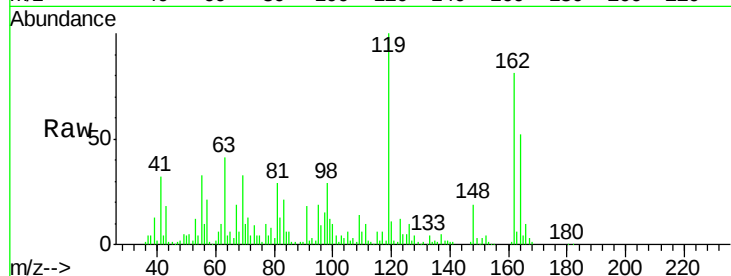
Tot Ion:162 Resp: 135171

Ion Ratio Lower Upper

162 100

164 64.4 44.4 84.4

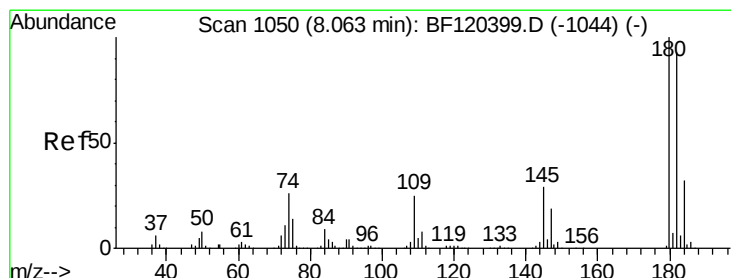
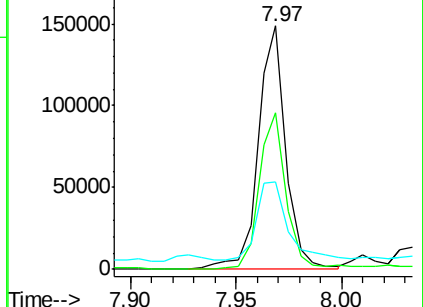
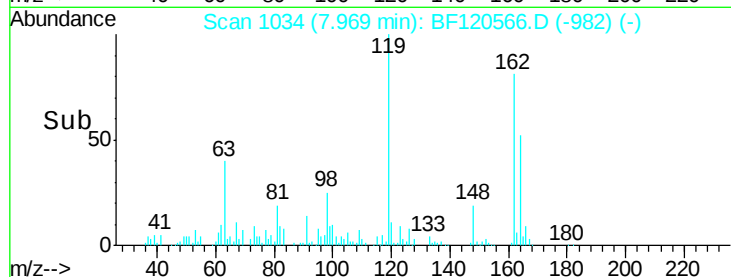
98 36.2 13.2 53.2



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: 12.227 ng

RT: 8.05 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

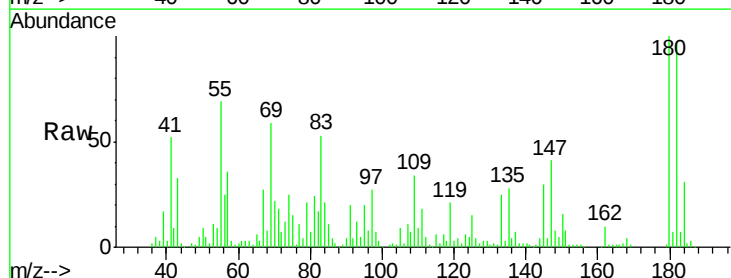
Tgt Ion:180 Resp: 139484

Ion Ratio Lower Upper

180 100

182 96.7 77.0 115.6

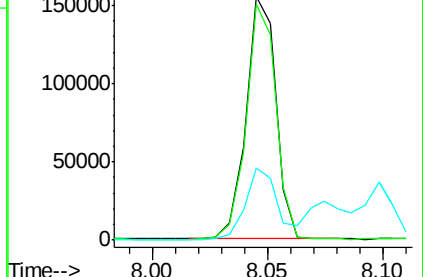
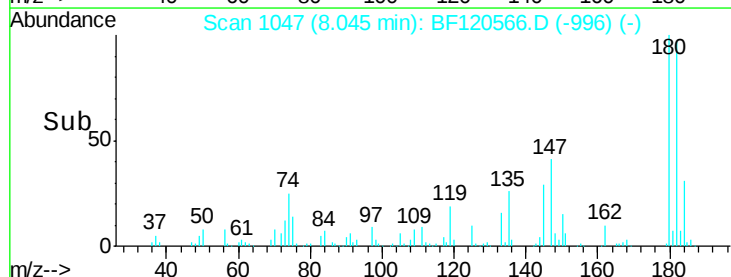
145 29.5 22.8 34.2

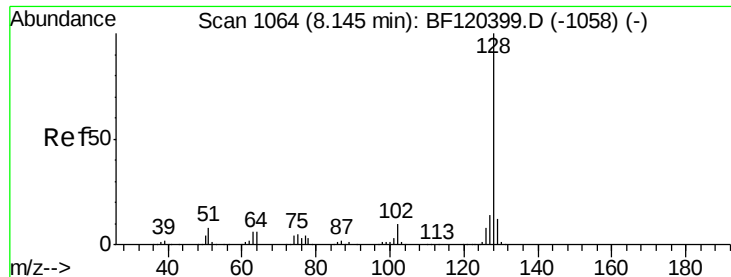


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

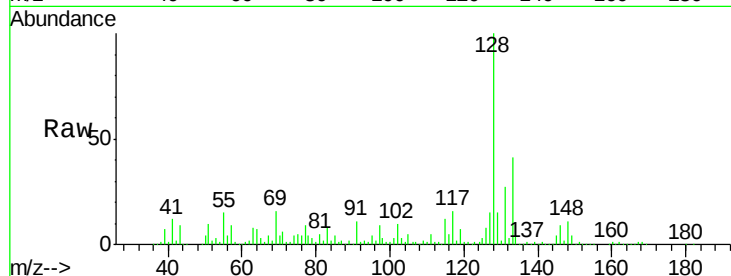




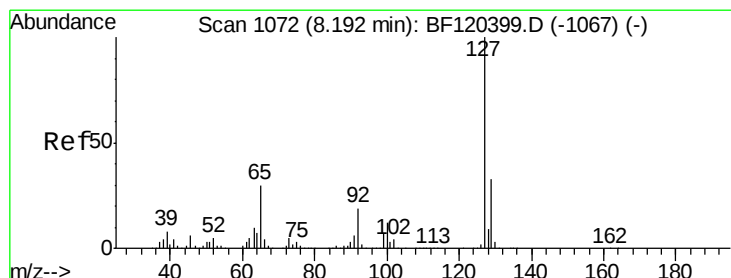
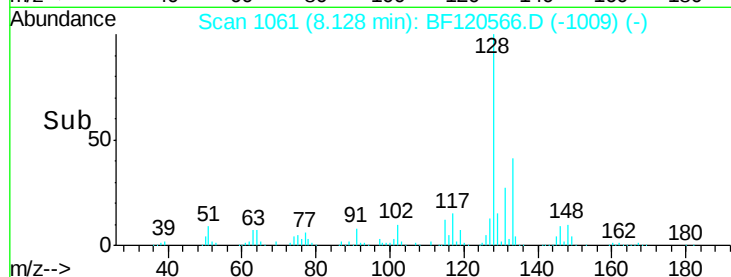
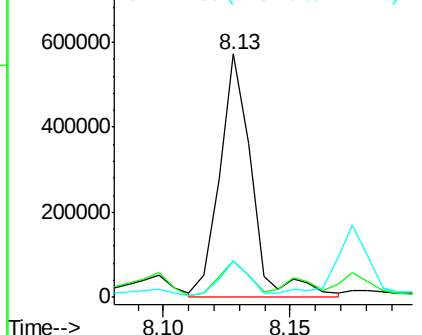
#31
Naphthalene
Concen: 14.610 ng
RT: 8.13 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

Instrument :
BNA_F
ClientSampleId :
SP-2AMSD

Tot Ion:128 Resp: 500802
Ion Ratio Lower Upper
128 100
129 15.1 9.0 13.6#
127 14.7 10.7 16.1

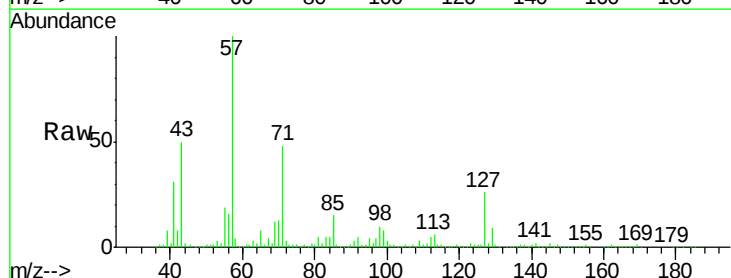


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

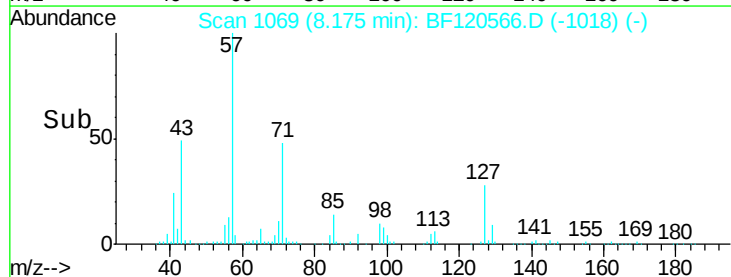
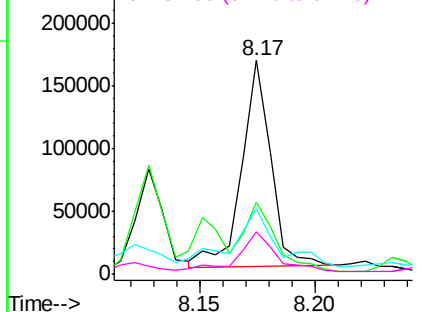


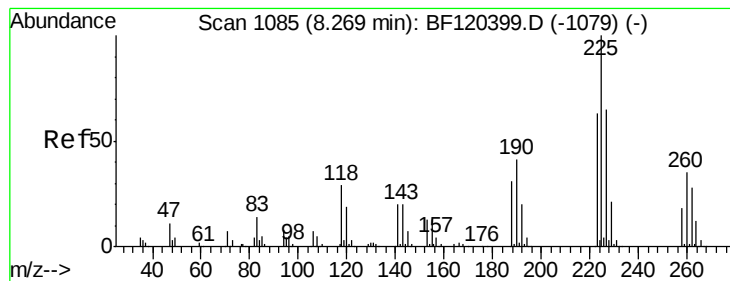
#33
4-Chloroaniline
Concen: 9.641 ng
RT: 8.17 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

Tgt Ion:127 Resp: 146472
Ion Ratio Lower Upper
127 100
129 33.4 26.4 39.6
65 30.5 20.9 31.3
92 19.7 14.0 21.0



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





#34

Hexachlorobutadiene

Concen: 12.405 ng

RT: 8.25 min Scan# 1081

Delta R.T. 0.01 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

SP-2AMSD

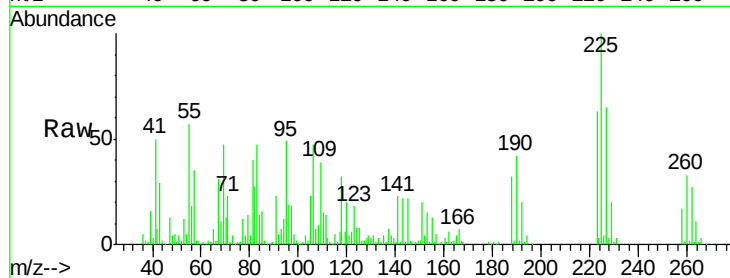
Tot Ion:225 Resp: 83879

Ion Ratio Lower Upper

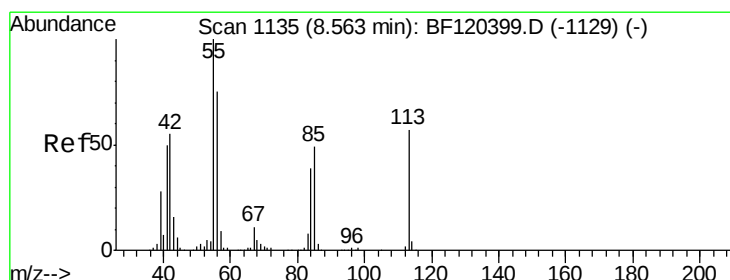
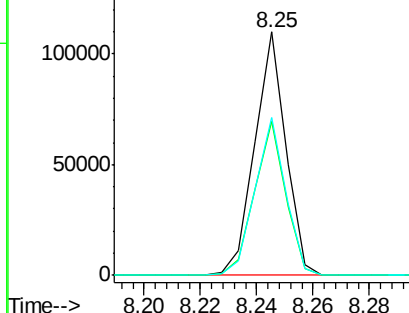
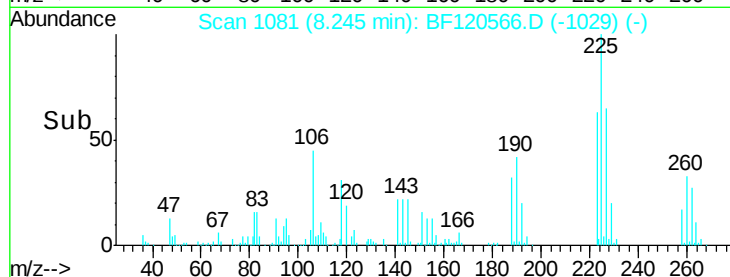
225 100

223 63.5 49.8 74.6

227 64.8 51.4 77.2



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



#35

Caprolactam

Concen: 35.549 ng

RT: 8.53 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

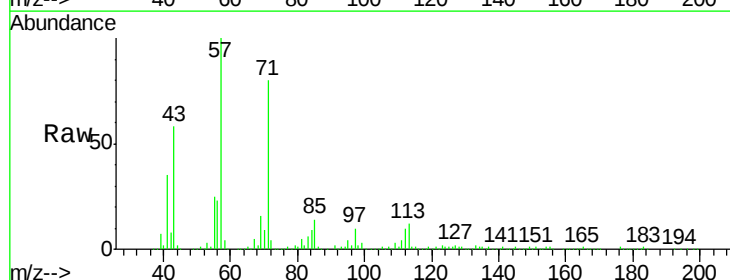
Tgt Ion:113 Resp: 117030

Ion Ratio Lower Upper

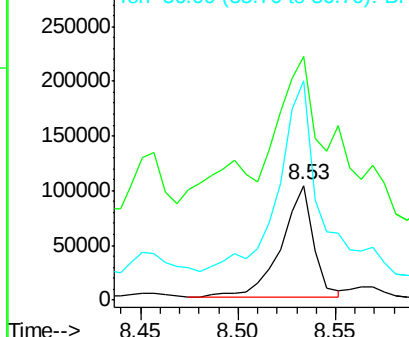
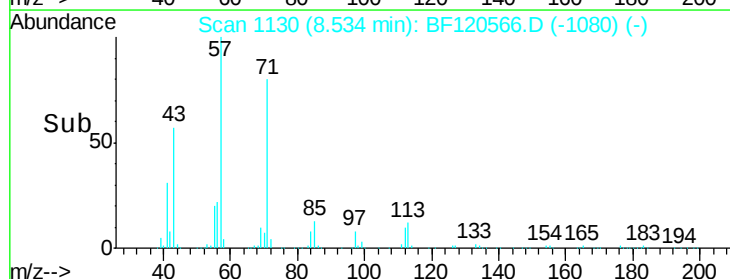
113 100

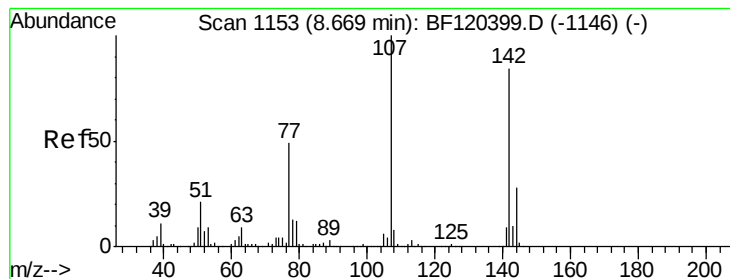
55 211.9 148.2 188.2#

56 191.1 105.3 145.3#



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: 13.549 ng

RT: 8.66 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

SP-2AMSD

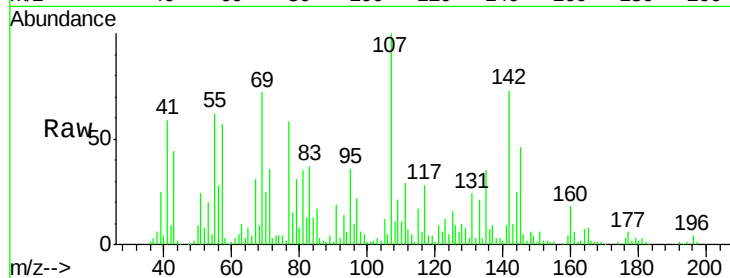
Tot Ion:107 Resp: 139734

Ion Ratio Lower Upper

107 100

144 24.8 22.0 33.0

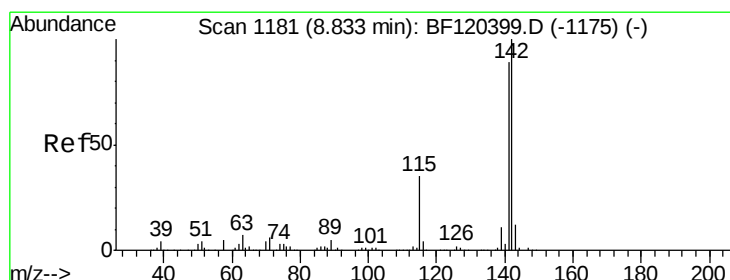
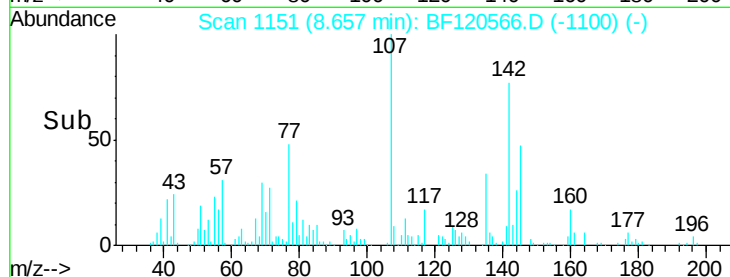
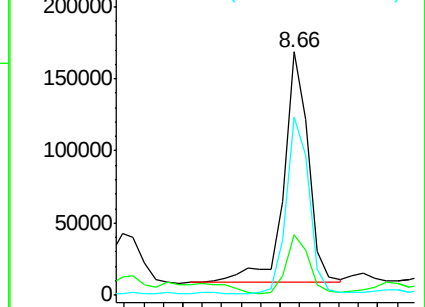
142 73.2 67.4 101.0



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: 13.363 ng

RT: 8.82 min Scan# 1179

Delta R.T. 0.01 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

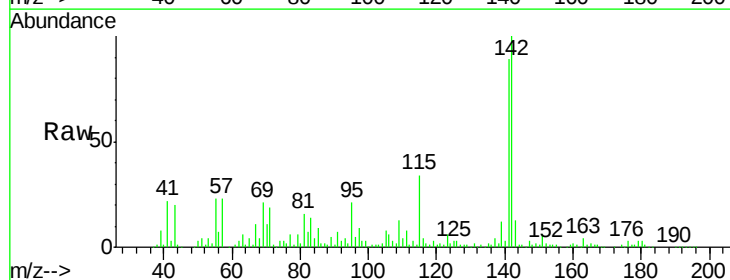
Tgt Ion:142 Resp: 303412

Ion Ratio Lower Upper

142 100

141 88.9 70.0 105.0

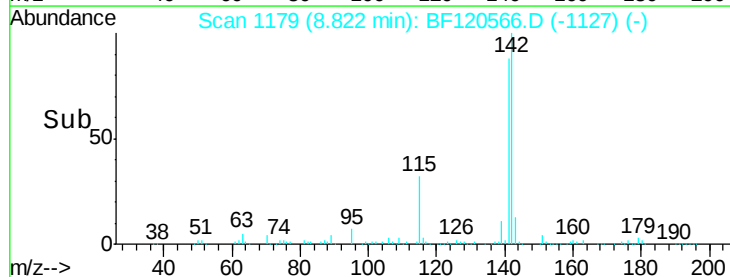
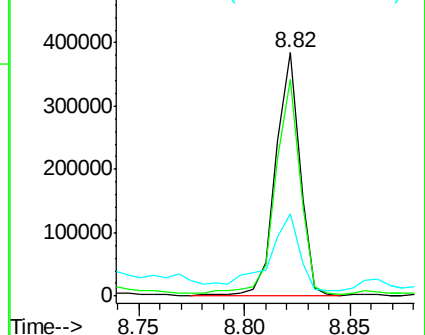
115 33.9 26.5 39.7

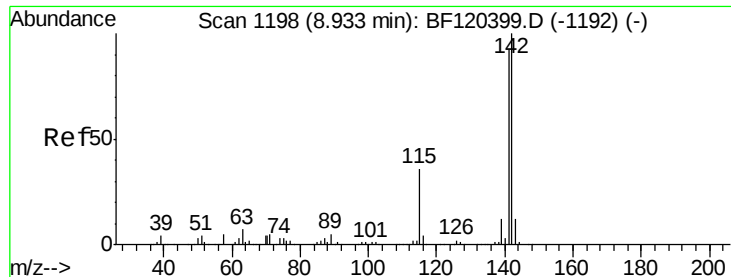


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

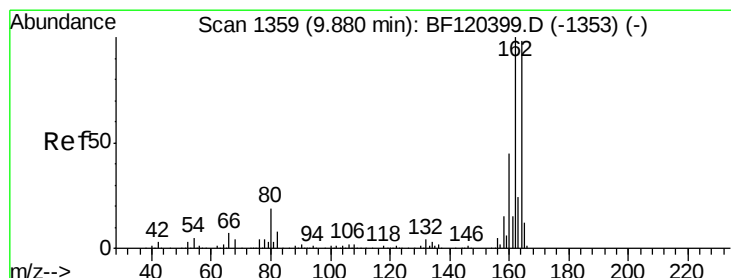
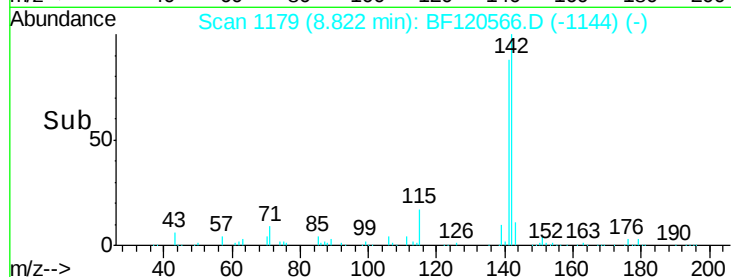
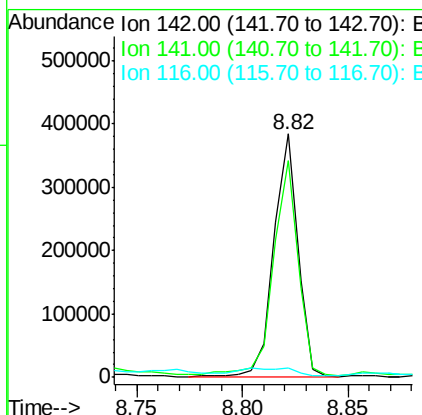
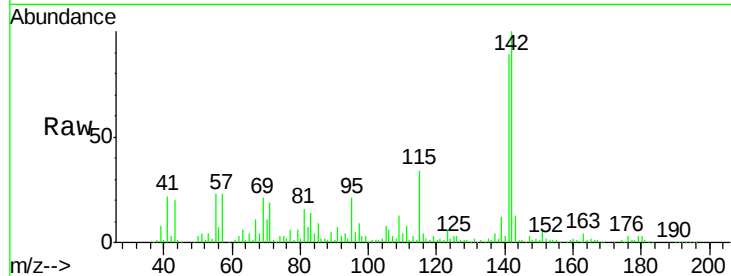




#38
1-Methylnaphthalene
Concen: 14.157 ng
RT: 8.82 min Scan# 1179
Delta R.T. -0.09 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

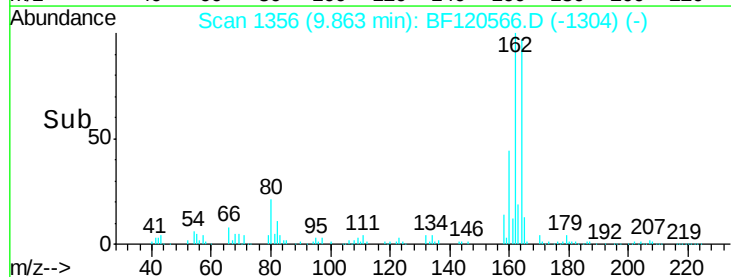
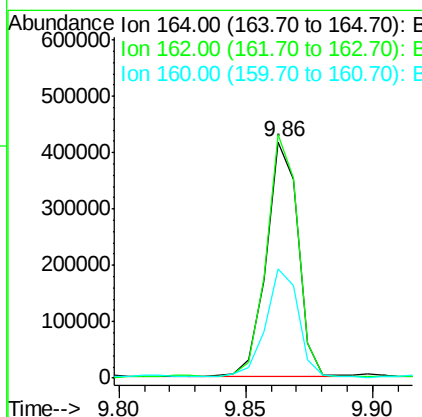
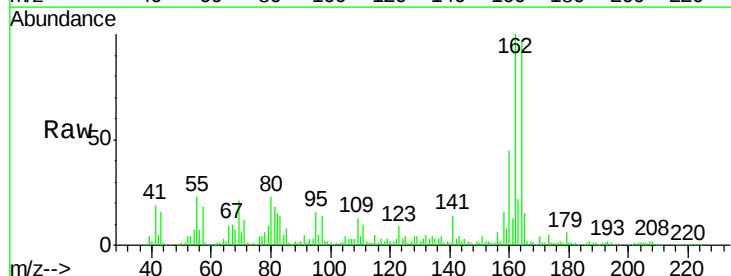
Instrument :
BNA_F
ClientSampleId :
SP-2AMSD

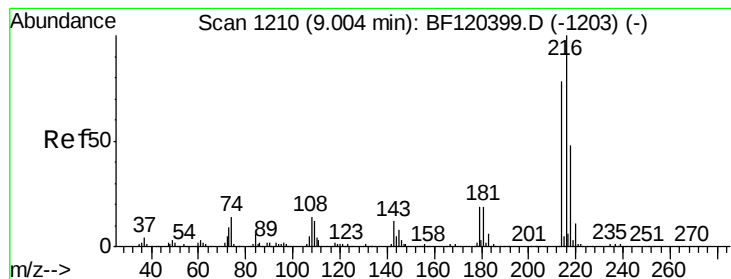
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	74.1	111.1
116	4.1	3.0	4.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.3	120.5
160	46.5	36.6	54.8





#40

1,2,4,5-Tetrachlorobenzene

Concen: 13.849 ng

RT: 8.99 min Scan# 1207

Delta R.T. 0.01 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

SP-2AMSD

Tot Ion:216 Resp: 129279

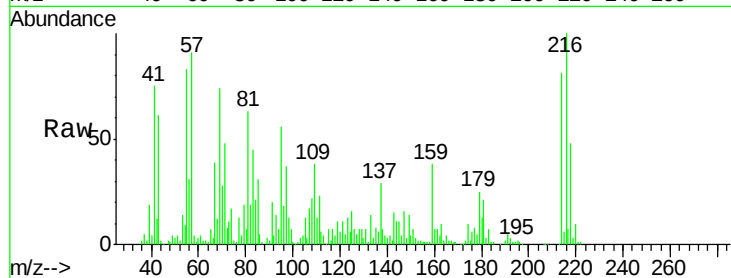
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.6

179 33.1 16.6 24.8#

108 19.6 14.2 21.2

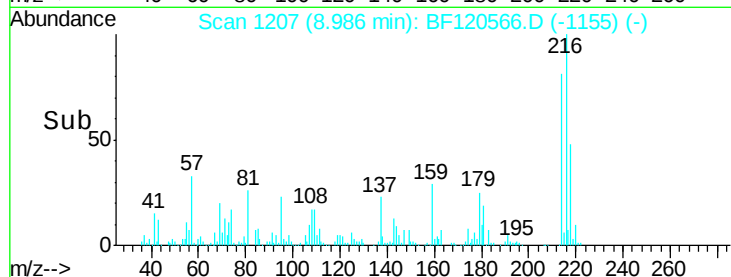


Abundance Ion 216.00 (215.70 to 216.70): E

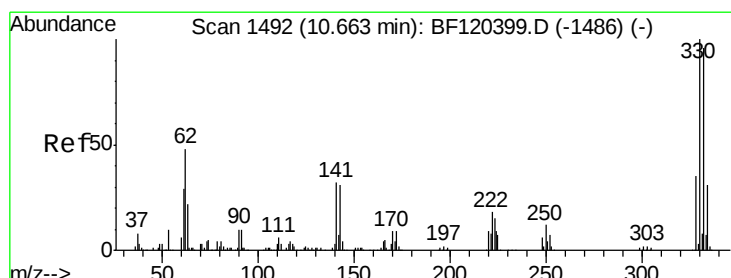
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#42

2,4,6-Tribromophenol

Concen: 36.367 ng

RT: 10.65 min Scan# 1490

Delta R.T. 0.01 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

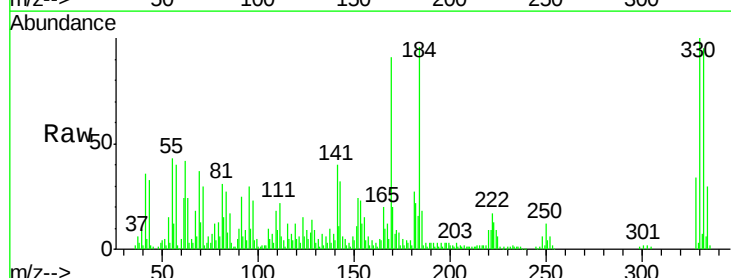
Tgt Ion:330 Resp: 122652

Ion Ratio Lower Upper

330 100

332 95.4 76.7 115.1

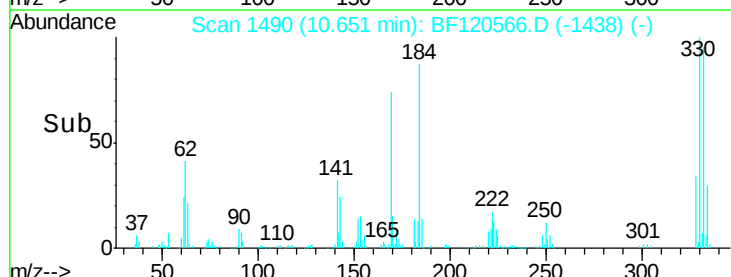
141 45.4 23.9 35.9#



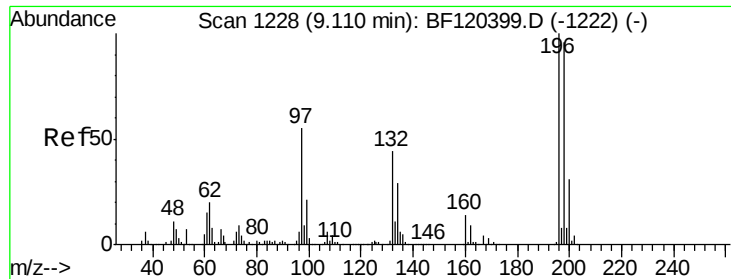
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



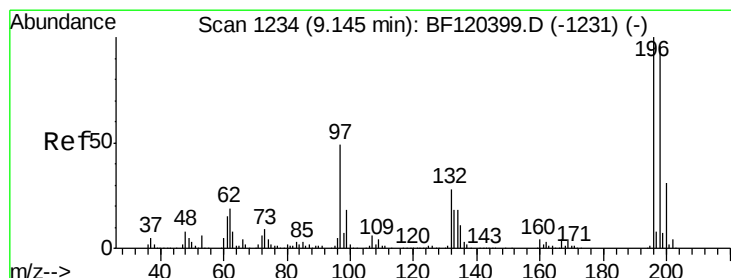
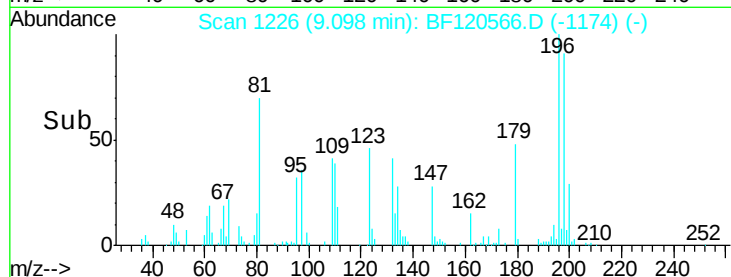
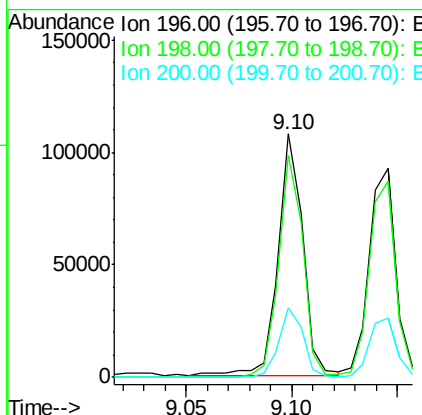
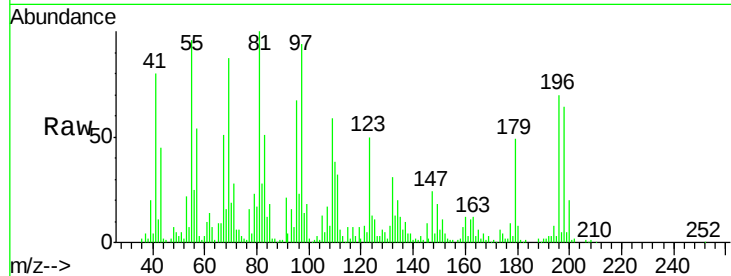
Time-->



#43
 2,4,6-Trichlorophenol
 Concen: 12.894 ng
 RT: 9.10 min Scan# 1226
 Delta R.T. 0.01 min
 Lab File: BF120566.D
 Acq: 5 Jun 2020 18:20

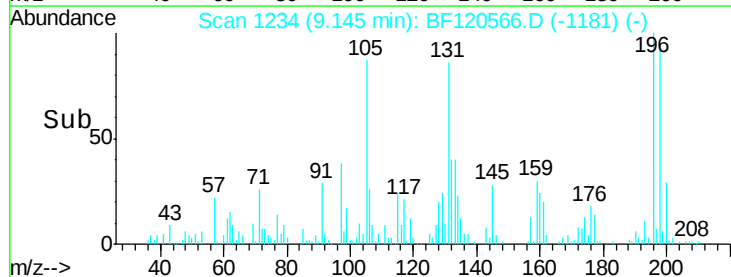
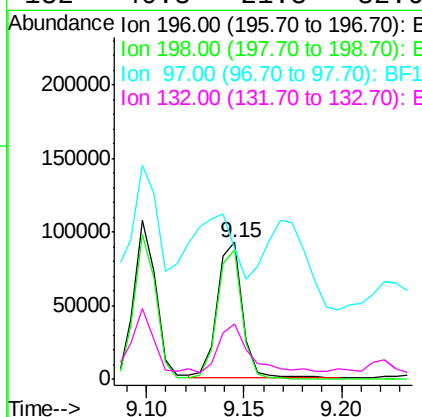
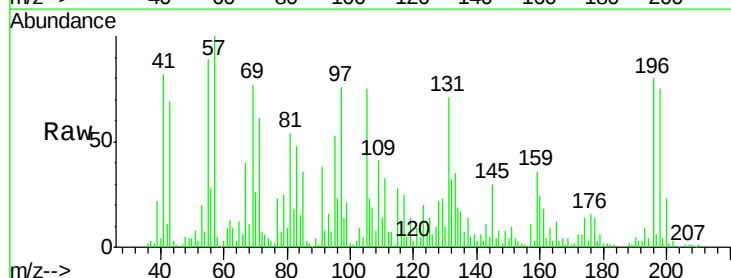
Instrument :
 BNA_F
 ClientSampled :
 SP-2AMSD

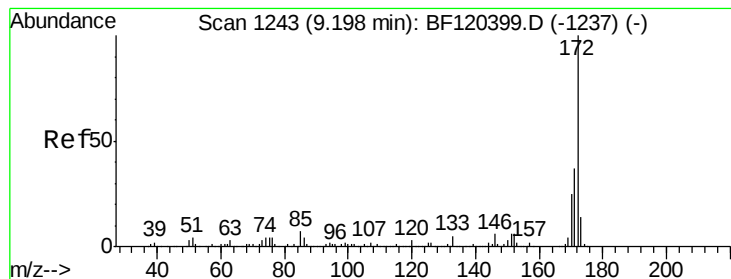
Tot Ion:196 Resp: 87046
 Ion Ratio Lower Upper
 196 100
 198 91.1 76.4 114.6
 200 28.7 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 10.827 ng
 RT: 9.15 min Scan# 1234
 Delta R.T. 0.01 min
 Lab File: BF120566.D
 Acq: 5 Jun 2020 18:20

Tgt Ion:196 Resp: 82856
 Ion Ratio Lower Upper
 196 100
 198 94.1 77.0 115.4
 97 95.5 38.5 57.7#
 132 40.3 21.8 32.6#





#45

2-Fluorobiphenyl

Concen: 28.316 ng

RT: 9.18 min Scan# 1240

Delta R.T. 0.01 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

SP-2AMSD

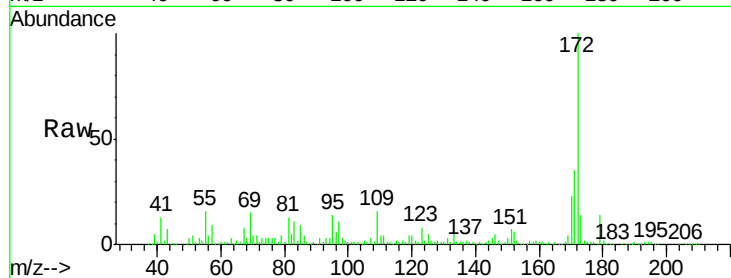
Tot Ion:172 Resp: 607478

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.4 19.0 28.6



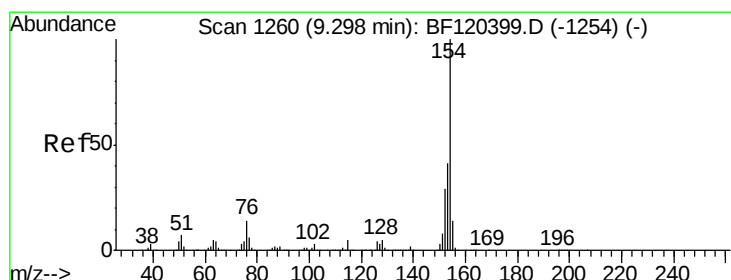
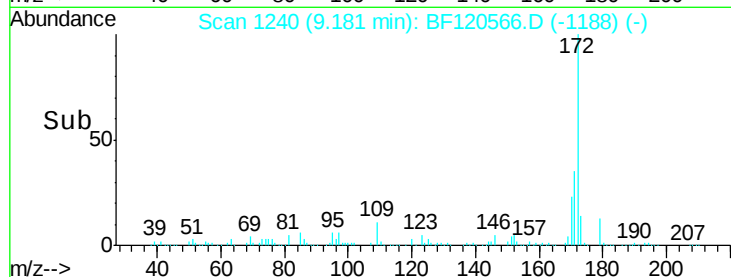
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

9.18

Time-->



#46

1,1'-Biphenyl

Concen: 14.371 ng

RT: 9.28 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

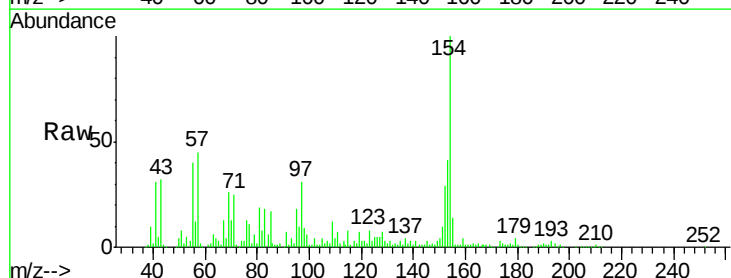
Tgt Ion:154 Resp: 343624

Ion Ratio Lower Upper

154 100

153 40.6 19.9 59.9

76 13.4 0.0 30.4



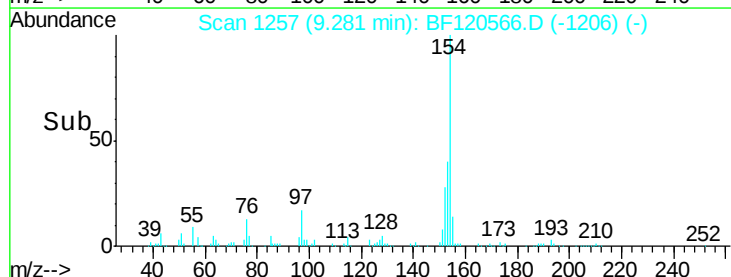
Abundance Ion 154.00 (153.70 to 154.70): E

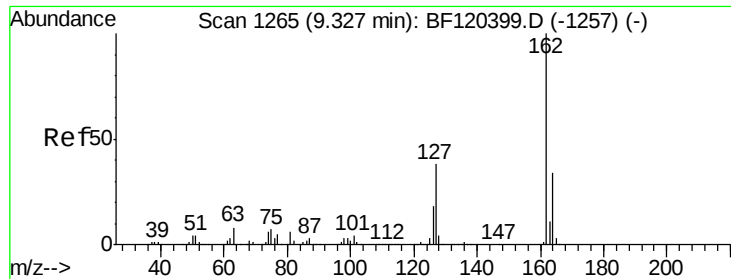
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

9.28

Time-->

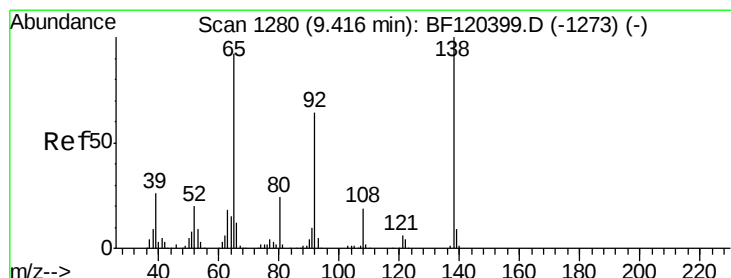
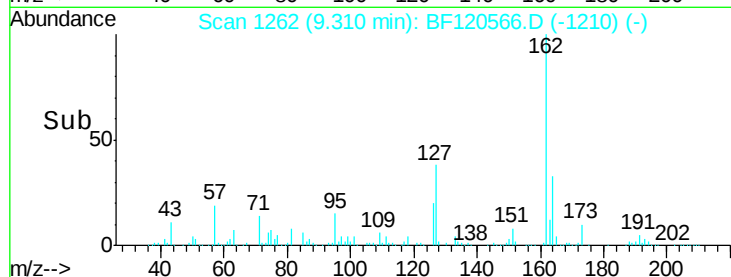
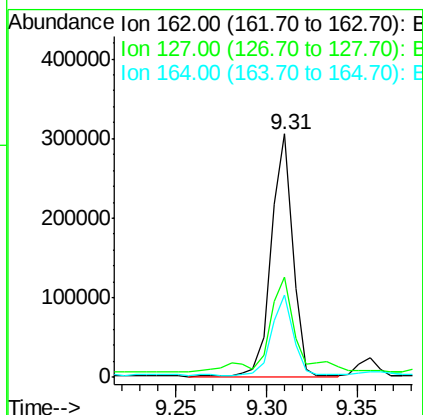
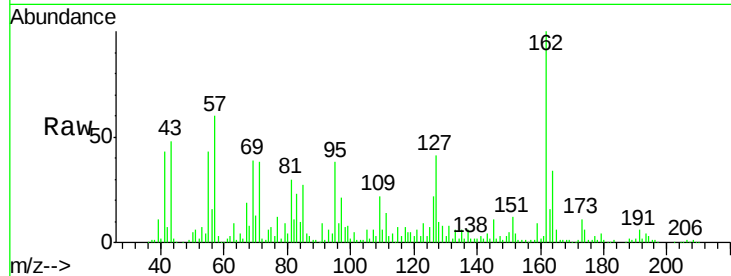




#47
2-Chloronaphthalene
Concen: 12.656 ng
RT: 9.31 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

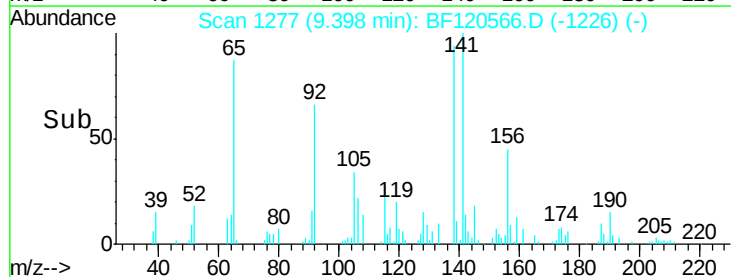
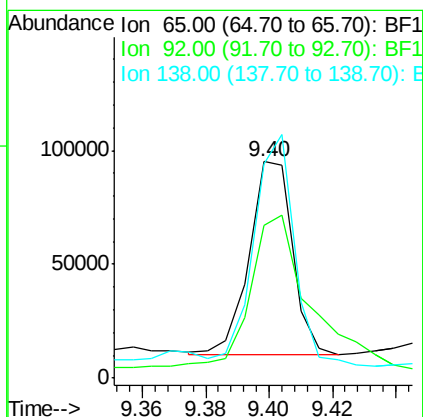
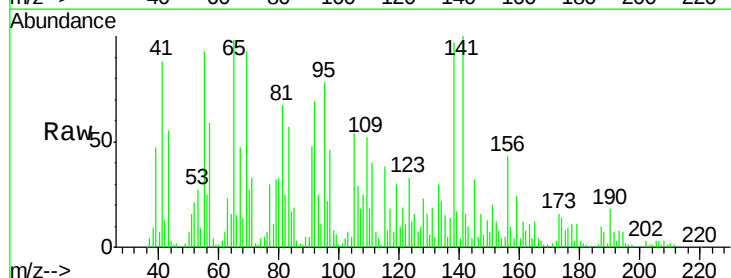
Instrument :
BNA_F
ClientSampleId :
SP-2AMSD

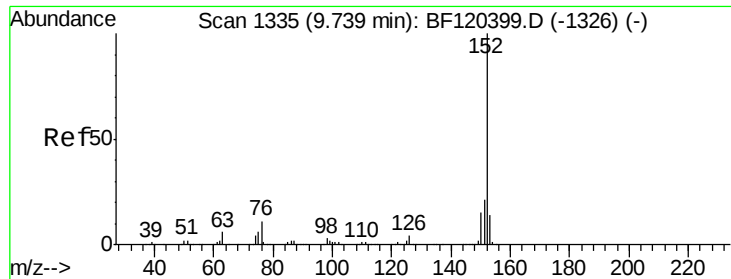
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	31.8	47.8
164	34.1	26.1	39.1



#48
2-Nitroaniline
Concen: 13.531 ng
RT: 9.40 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	56.8	85.2
138	98.7	93.3	139.9





#49

Acenaphthylene

Concen: 13.494 ng

RT: 9.73 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

SP-2AMSD

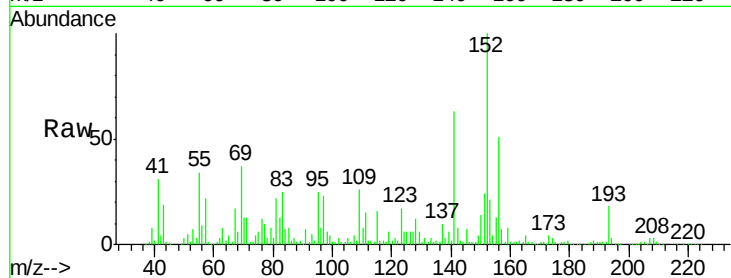
Tot Ion:152 Resp: 410588

Ion Ratio Lower Upper

152 100

151 24.0 16.4 24.6

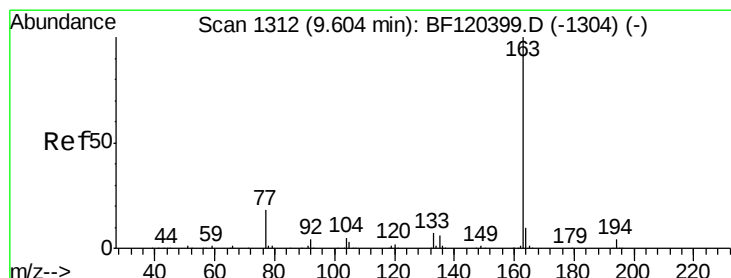
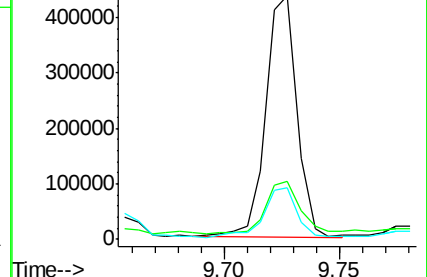
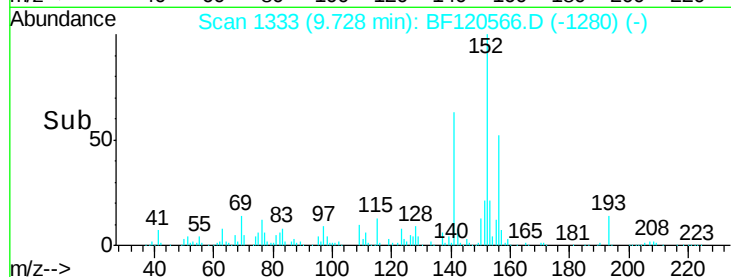
153 21.2 11.0 16.6#



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: 12.412 ng

RT: 9.57 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

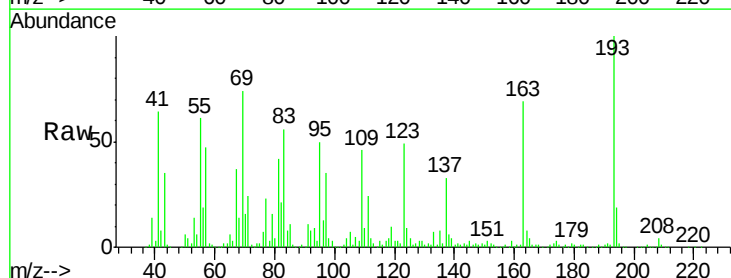
Tgt Ion:163 Resp: 282443

Ion Ratio Lower Upper

163 100

194 27.8 3.3 4.9#

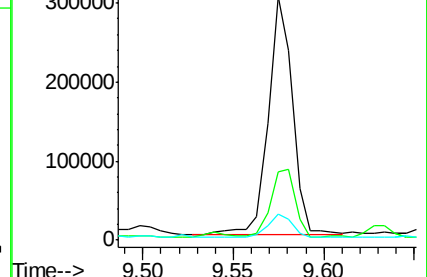
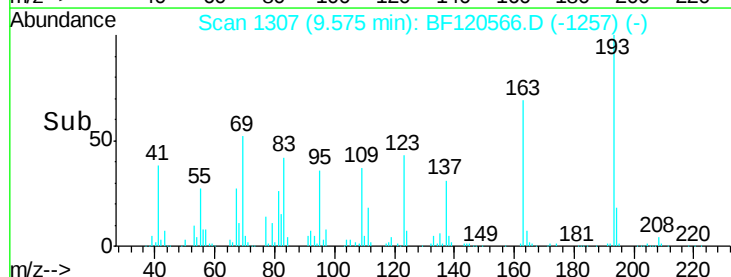
164 10.9 7.8 11.8

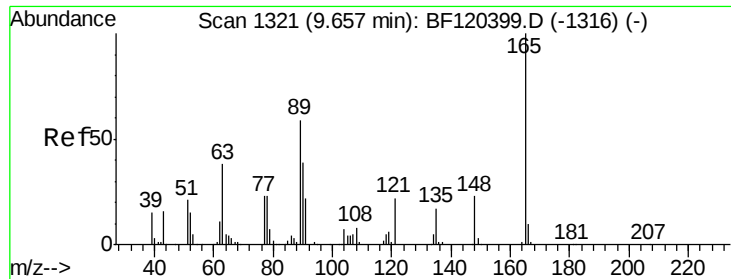


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

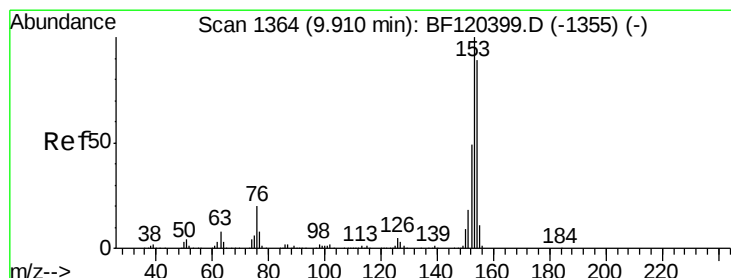
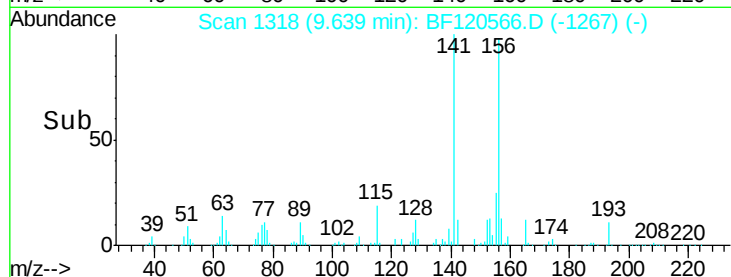
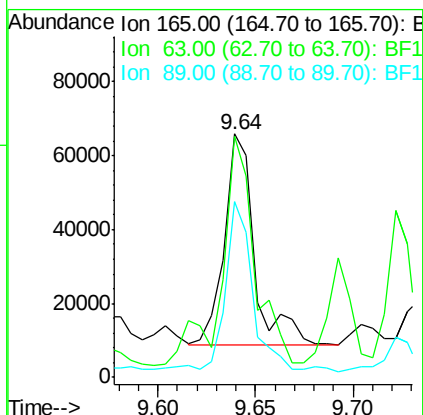
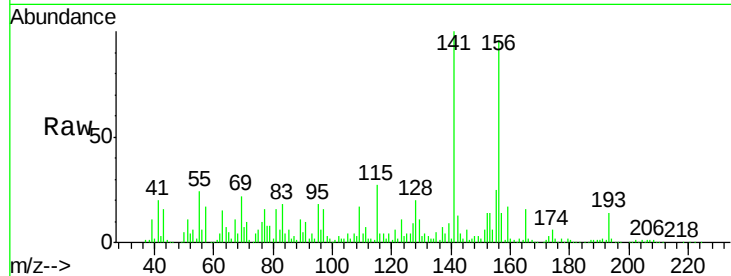




#51
2,6-Dinitrotoluene
Concen: 12.099 ng
RT: 9.64 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

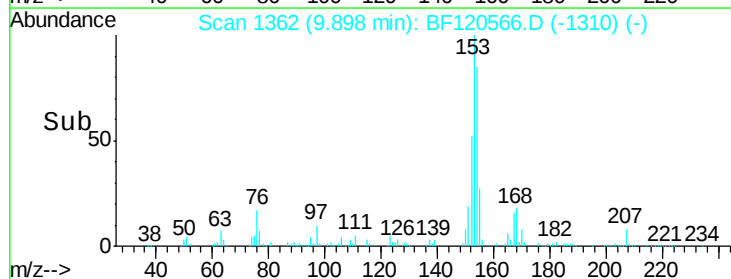
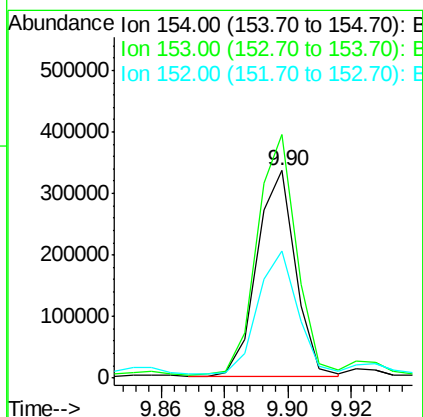
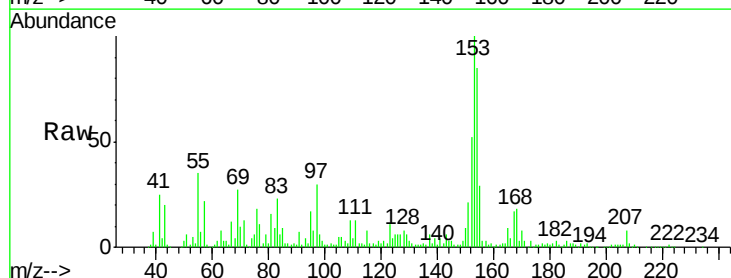
Instrument :
BNA_F
ClientSampleId :
SP-2AMSD

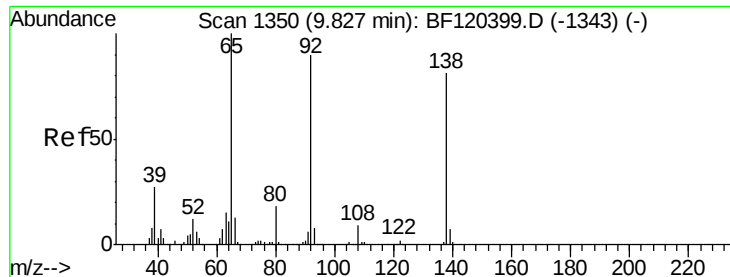
Tot Ion:165 Resp: 61188
Ion Ratio Lower Upper
165 100
63 98.8 40.1 60.1#
89 72.4 41.1 61.7#



#52
Acenaphthene
Concen: 14.753 ng
RT: 9.90 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

Tgt Ion:154 Resp: 280165
Ion Ratio Lower Upper
154 100
153 117.5 90.1 135.1
152 61.5 43.4 65.0

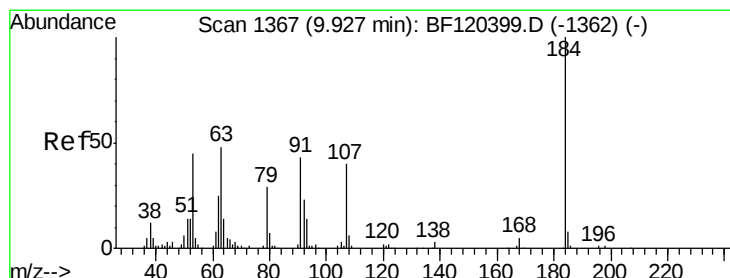
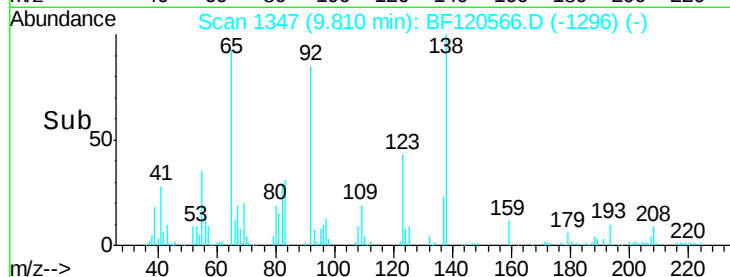
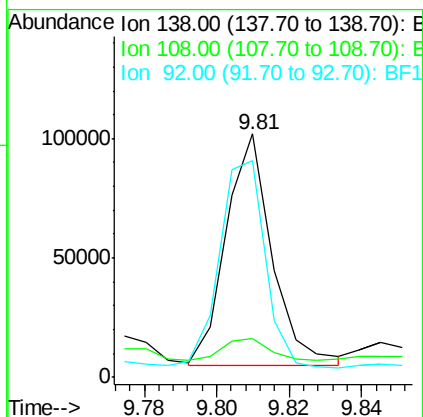
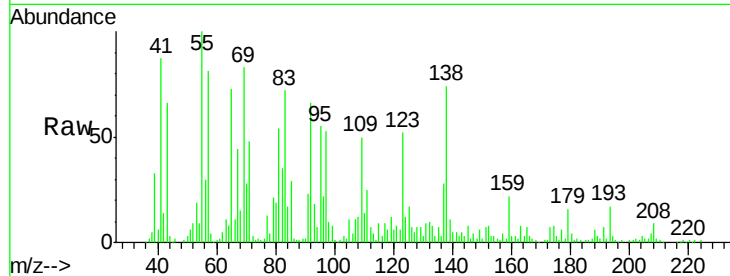




#53
3-Nitroaniline
Concen: 14.496 ng
RT: 9.81 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

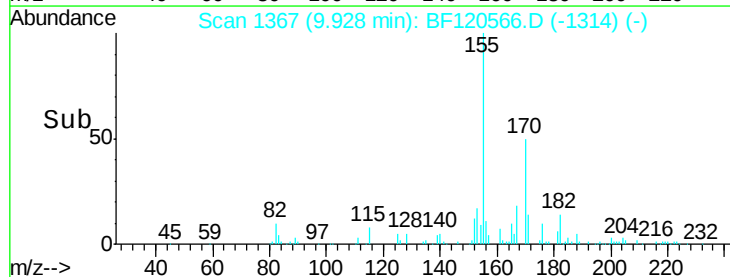
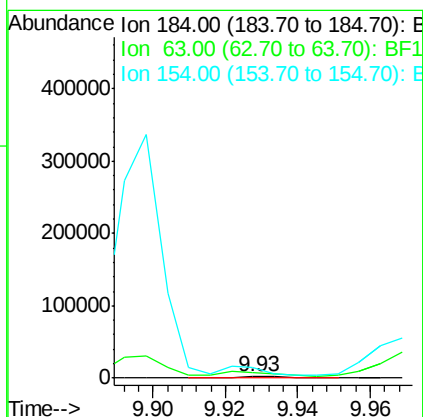
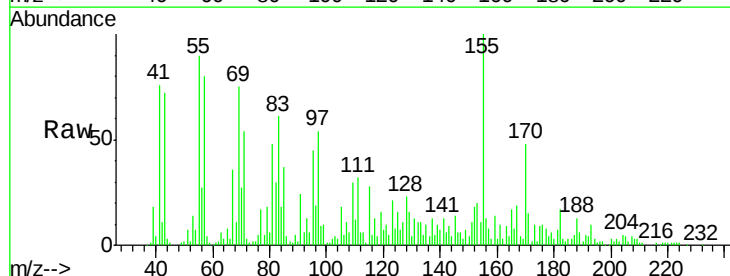
Instrument :
BNA_F
ClientSampleId :
SP-2AMSD

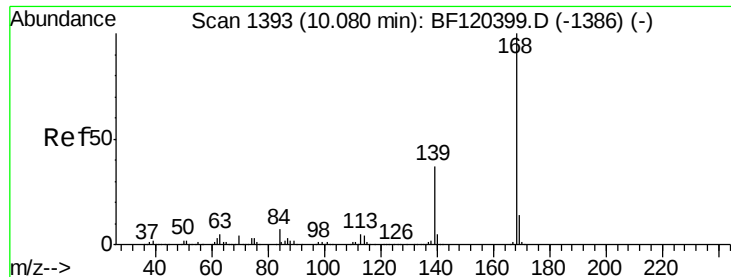
Tot Ion:138 Resp: 86083
Ion Ratio Lower Upper
138 100
108 15.9 7.8 11.8#
92 89.3 81.7 122.5



#54
2,4-Dinitrophenol
Concen: 8.655 ng
RT: 9.93 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

Tgt Ion:184 Resp: 2349
Ion Ratio Lower Upper
184 100
63 347.4 41.0 61.4#
154 654.3 44.7 67.1#





#55

Dibenzofuran

Concen: 12.983 ng

RT: 10.07 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

SP-2AMSD

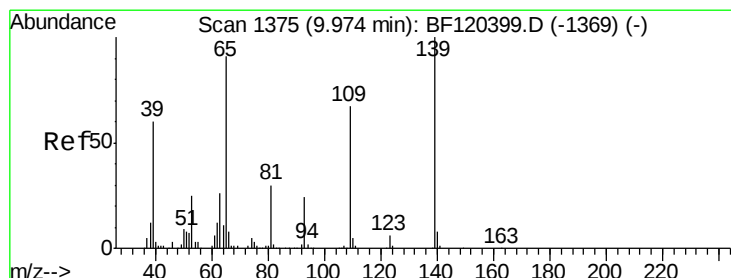
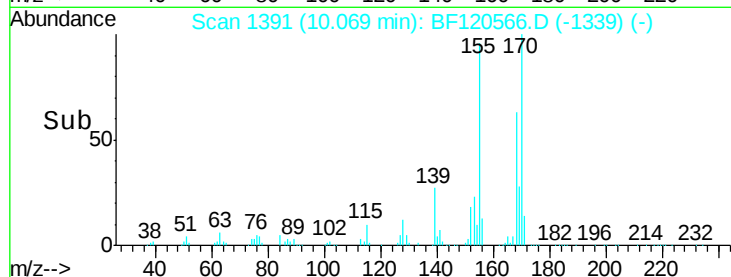
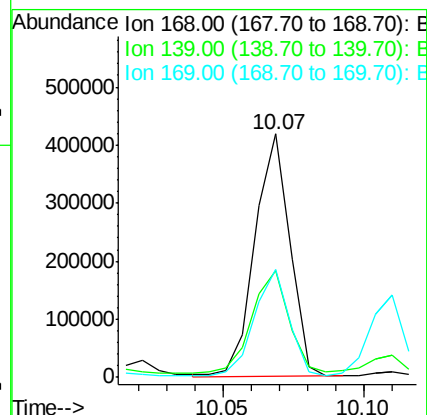
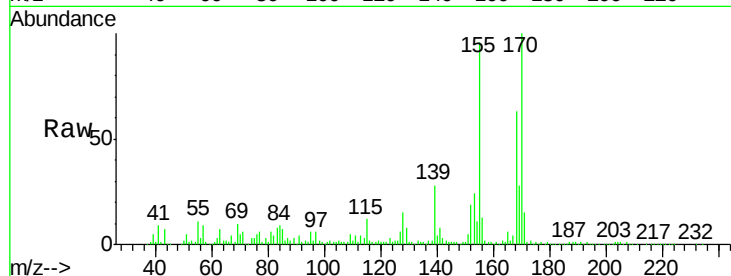
Tot Ion:168 Resp: 358287

Ion Ratio Lower Upper

168 100

139 44.0 28.3 42.5#

169 44.5 10.6 16.0#



#56

4-Nitrophenol

Concen: 27.635 ng

RT: 9.97 min Scan# 1375

Delta R.T. 0.01 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

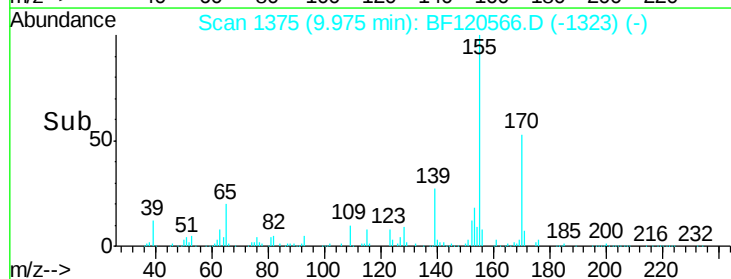
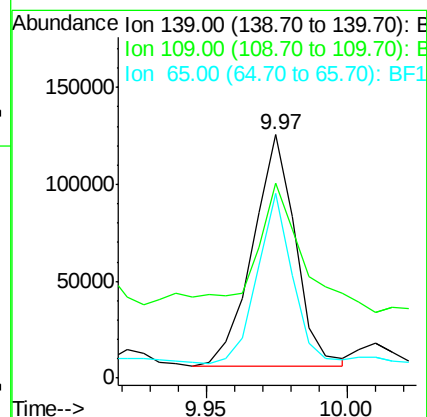
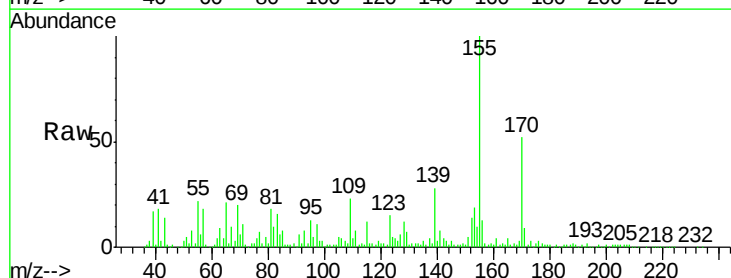
Tgt Ion:139 Resp: 125642

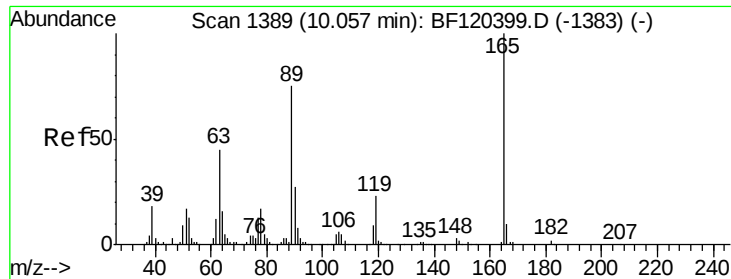
Ion Ratio Lower Upper

139 100

109 80.2 46.6 86.6

65 75.7 69.5 109.5





#57

2,4-Dinitrotoluene

Concen: 14.419 ng

RT: 10.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

SP-2AMSD

Tot Ion:165 Resp: 93323

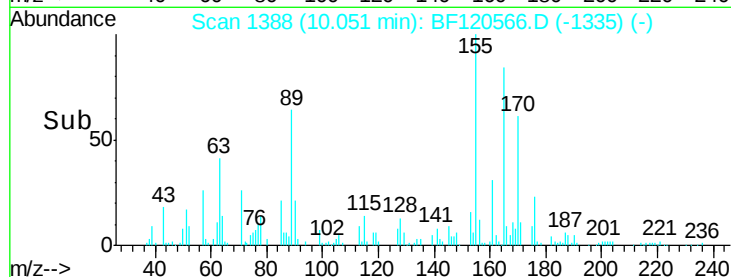
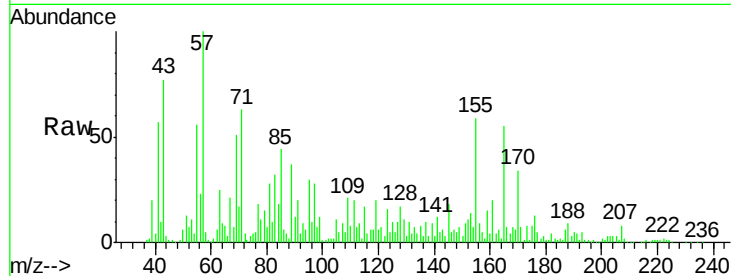
Ion Ratio Lower Upper

165 100

63 45.6 34.6 52.0

89 68.0 57.0 85.4

182 6.4 2.1 3.1#

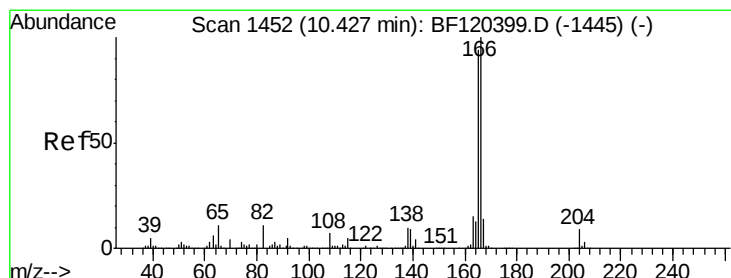
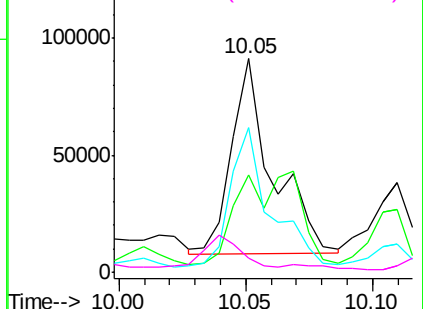


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.810 ng

RT: 10.41 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

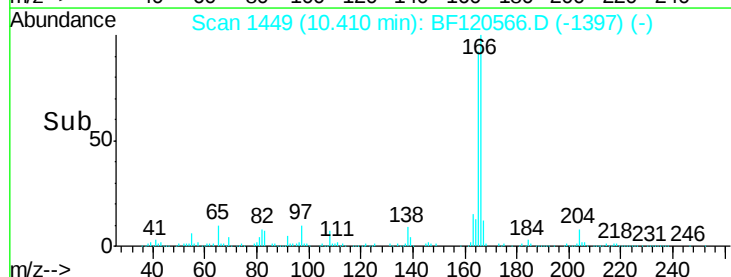
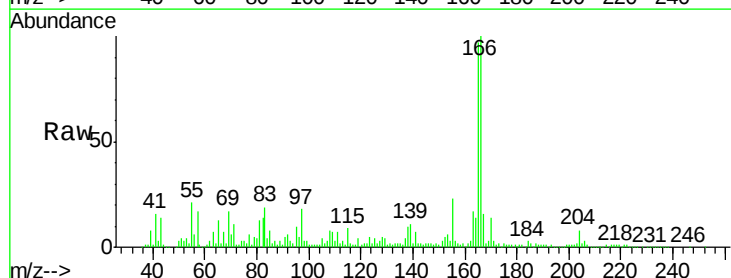
Tgt Ion:166 Resp: 368820

Ion Ratio Lower Upper

166 100

165 96.7 75.6 113.4

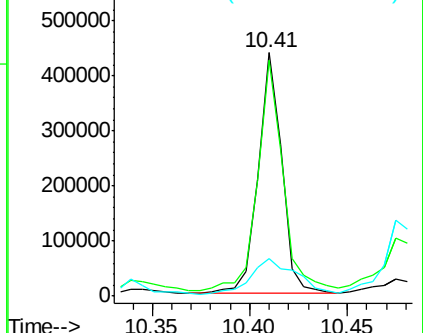
167 15.6 10.9 16.3

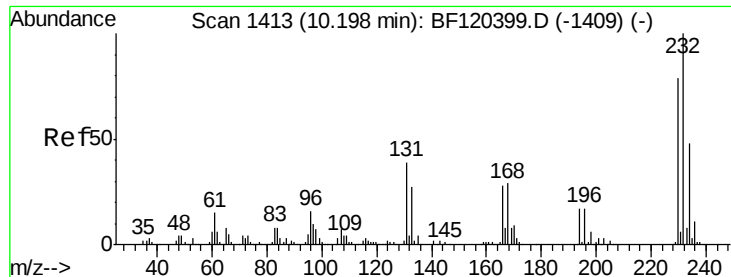


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

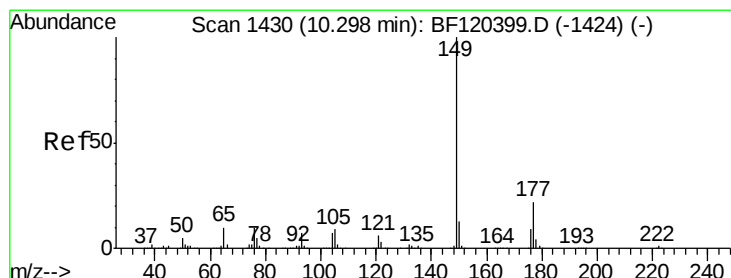
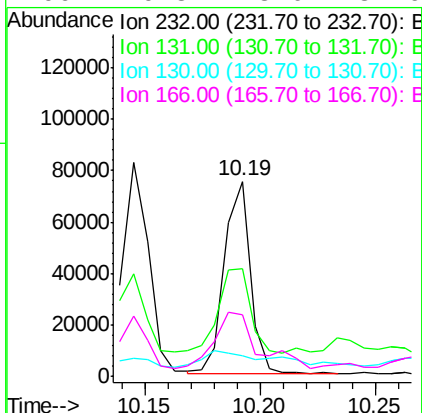
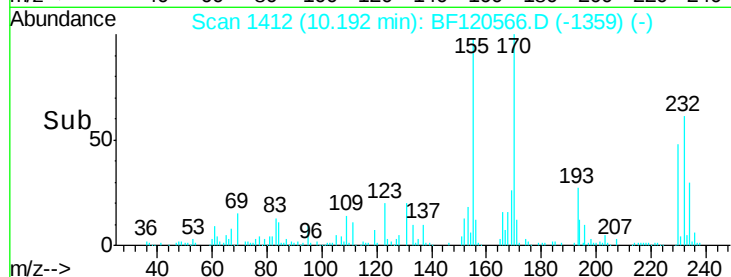
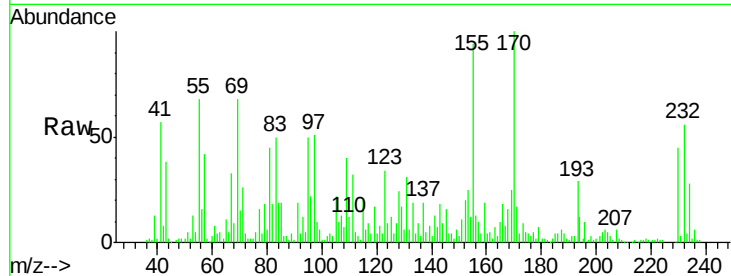




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.966 ng
RT: 10.19 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

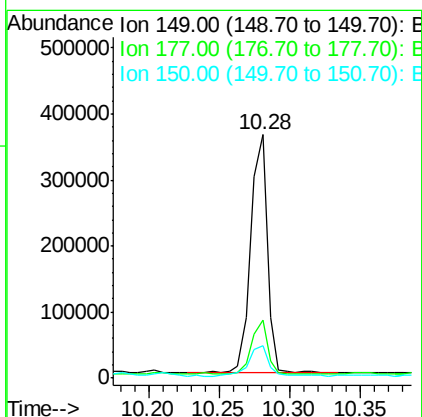
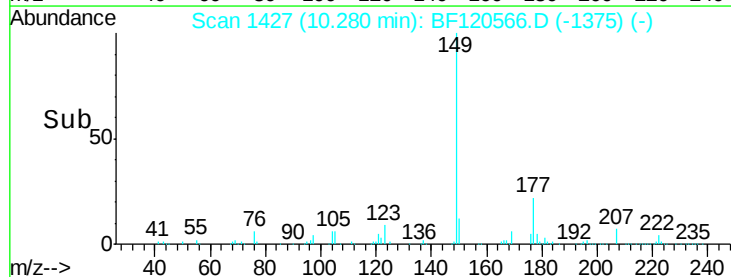
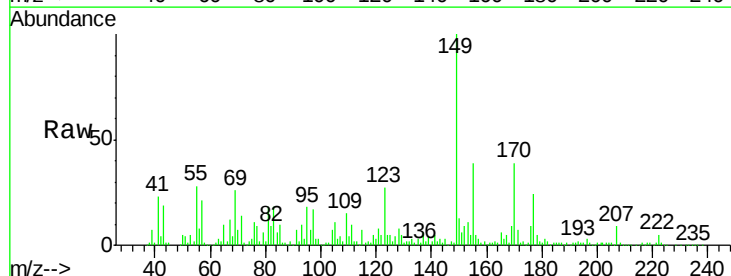
Instrument :
BNA_F
ClientSampleId :
SP-2AMSD

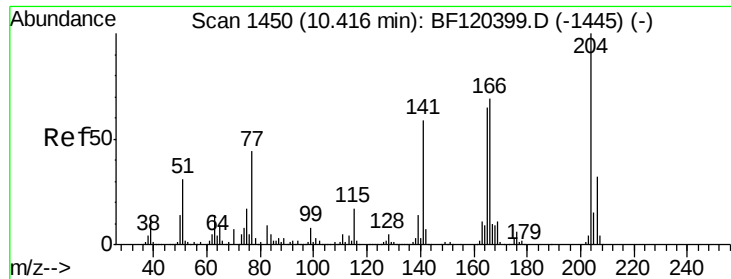
Tot Ion:232 Resp: 59430
Ion Ratio Lower Upper
232 100
131 53.4 32.9 49.3#
130 25.9 1.7 2.5#
166 46.8 23.0 34.6#



#60
Diethylphthalate
Concen: 13.062 ng
RT: 10.28 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

Tgt Ion:149 Resp: 300372
Ion Ratio Lower Upper
149 100
177 23.8 17.3 25.9
150 13.2 10.2 15.2

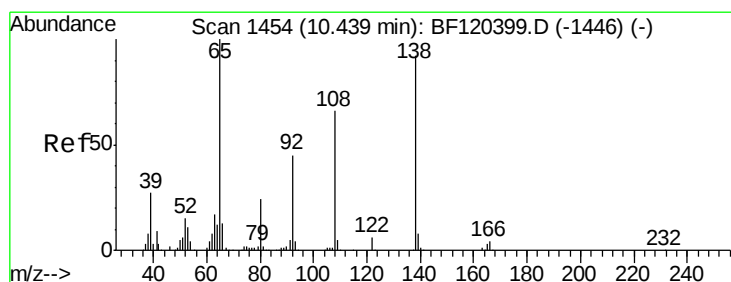
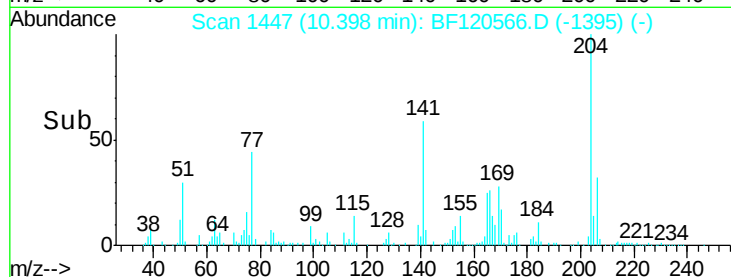
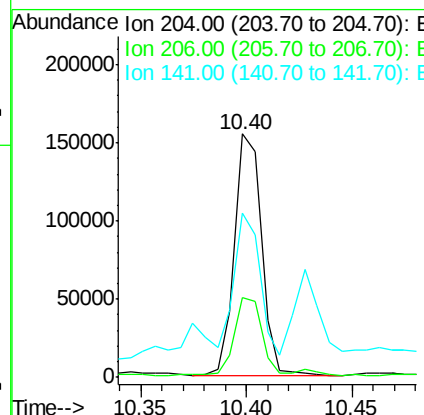
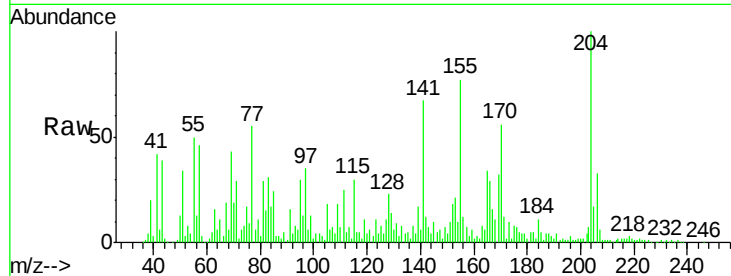




#61
4-Chlorophenyl-phenylether
Concen: 12.069 ng
RT: 10.40 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

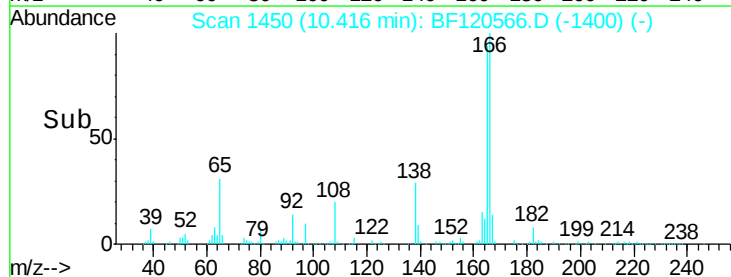
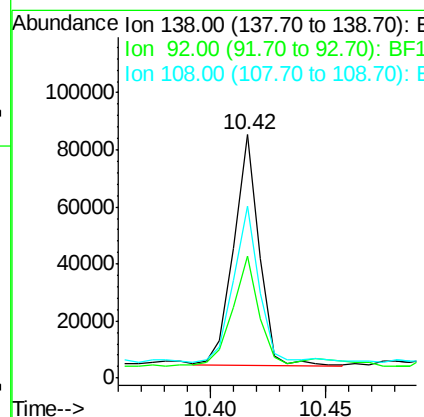
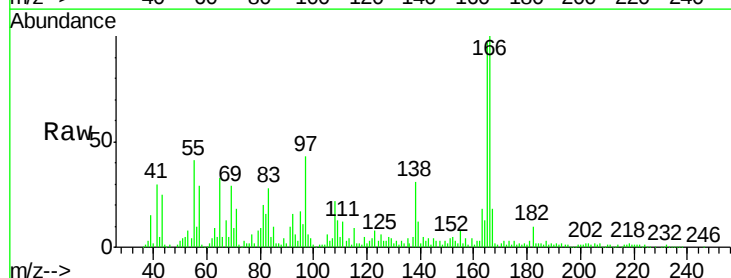
Instrument :
BNA_F
ClientSampleId :
SP-2AMSD

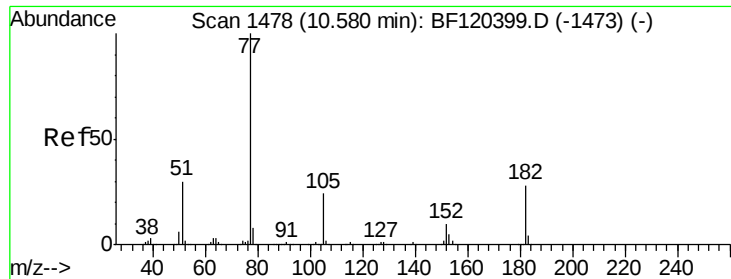
Tot Ion:204 Resp: 135508
Ion Ratio Lower Upper
204 100
206 32.8 26.8 40.2
141 67.4 49.5 74.3



#62
4-Nitroaniline
Concen: 11.143 ng
RT: 10.42 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

Tgt Ion:138 Resp: 62473
Ion Ratio Lower Upper
138 100
92 50.2 24.4 64.4
108 70.5 46.0 86.0

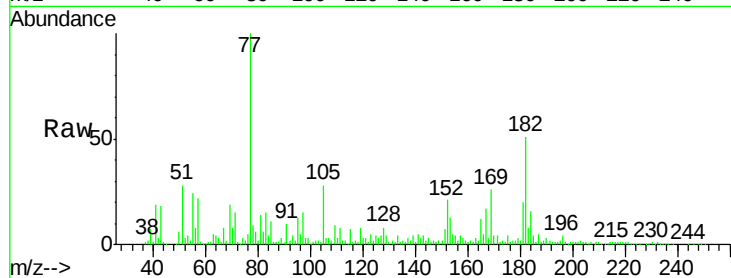




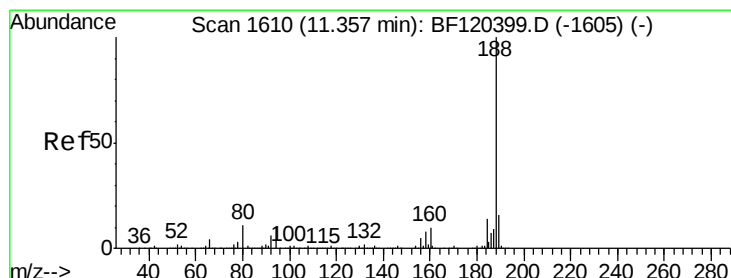
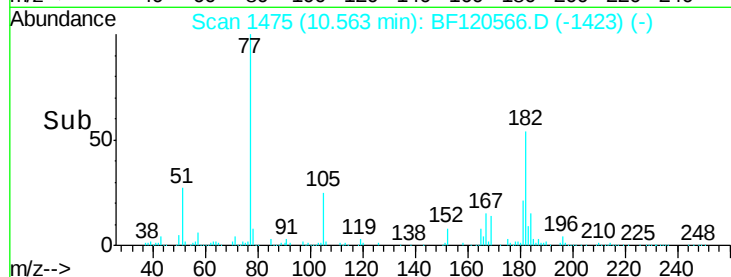
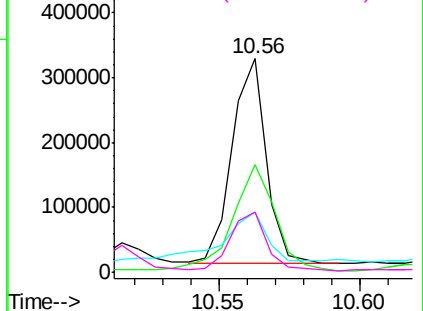
#63
Azobenzene
Concen: 12.320 ng
RT: 10.56 min Scan# 1475
Delta R.T. 0.01 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

Instrument :
BNA_F
ClientSampleId :
SP-2AMSD

Tot Ion:	77	Resp:	266476
Ion	Ratio	Lower	Upper
77	100		
182	50.7	7.8	47.8#
105	28.3	3.2	43.2
51	28.2	8.9	48.9

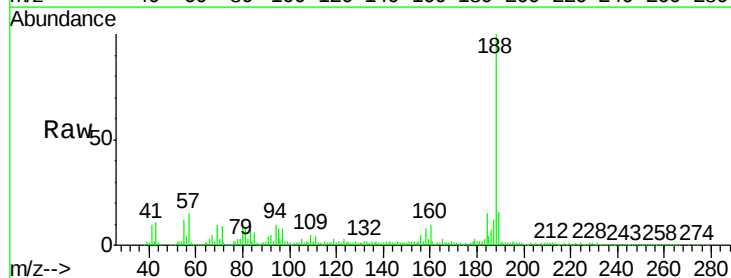


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

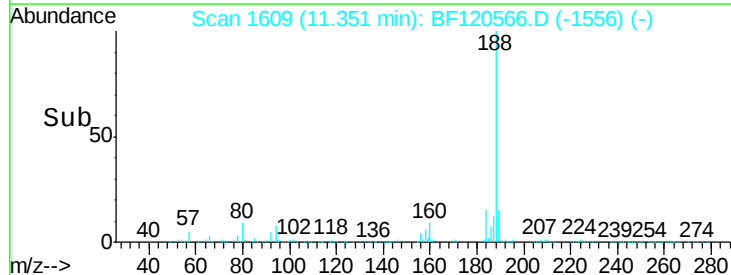
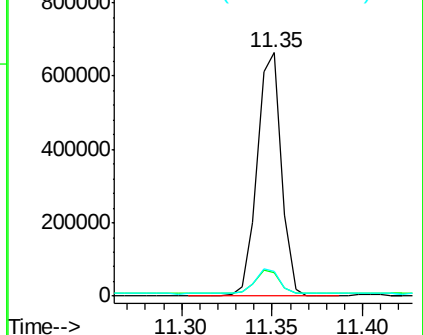


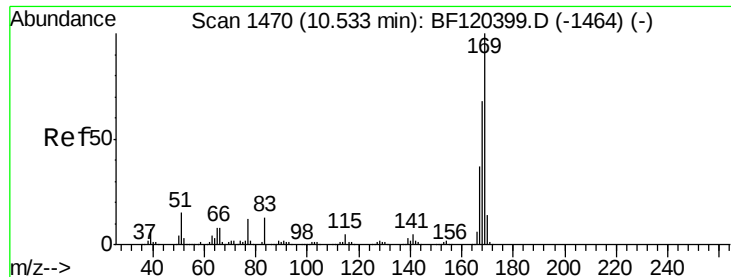
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1609
Delta R.T. 0.01 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

Tgt Ion:	188	Resp:	612841
Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.0	10.6
80	10.2	7.4	11.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#66

n-Nitrosodiphenylamine

Concen: 30.971 ng

RT: 10.52 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

SP-2AMSD

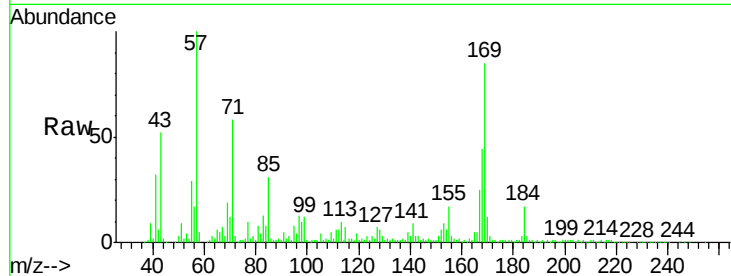
Tot Ion:169 Resp: 527247

Ion Ratio Lower Upper

169 100

168 51.9 53.3 79.9#

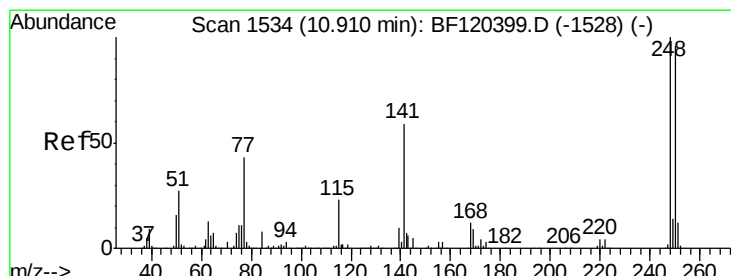
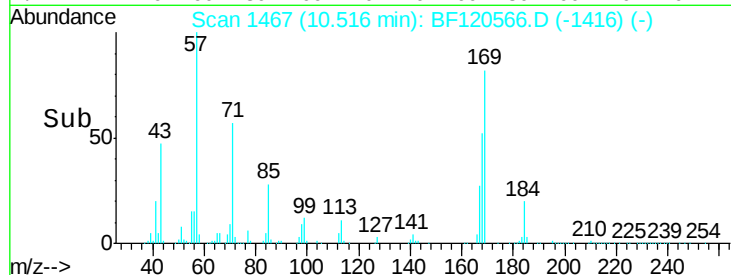
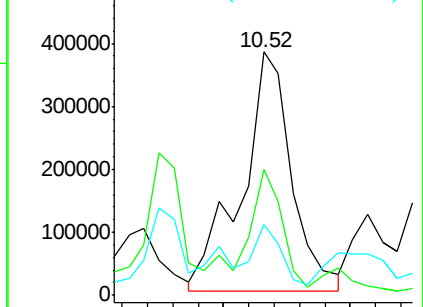
167 29.1 29.0 43.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67

4-Bromophenyl-phenylether

Concen: 12.723 ng

RT: 10.89 min Scan# 1531

Delta R.T. 0.01 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

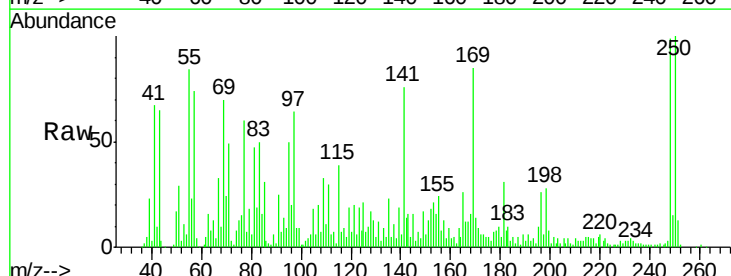
Tgt Ion:248 Resp: 78709

Ion Ratio Lower Upper

248 100

250 101.0 77.8 116.8

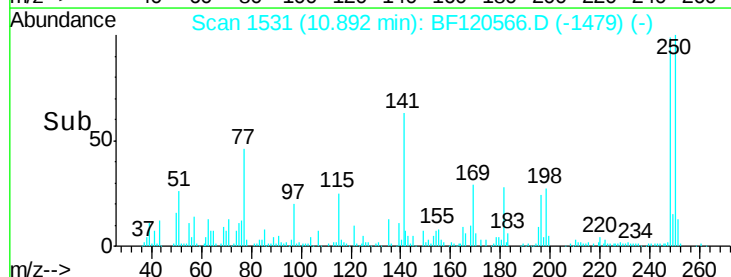
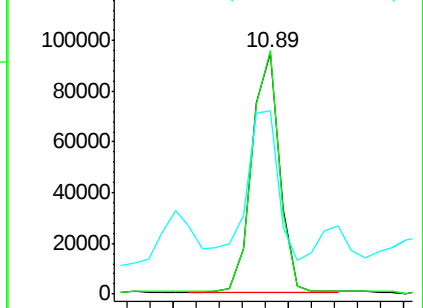
141 76.3 50.6 75.8#

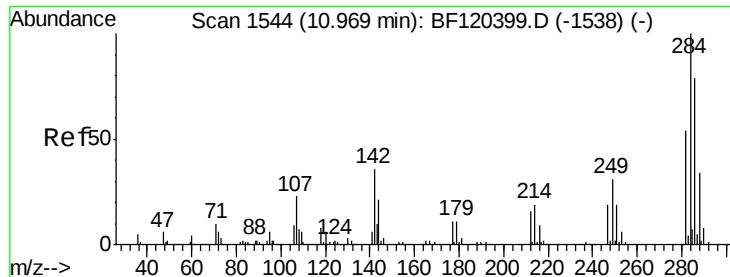


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

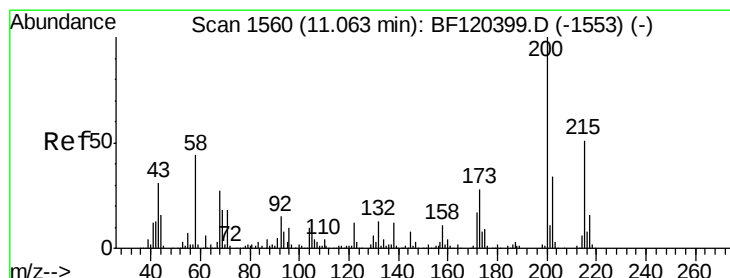
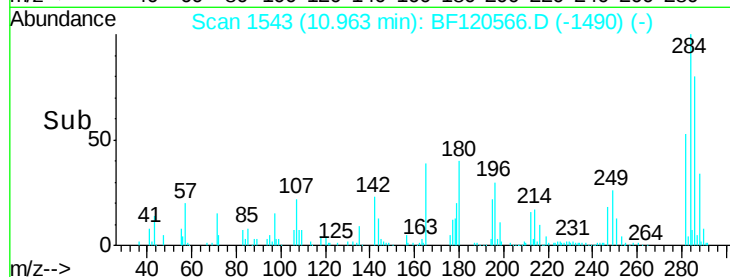
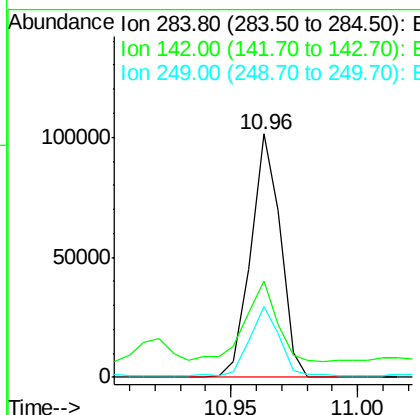
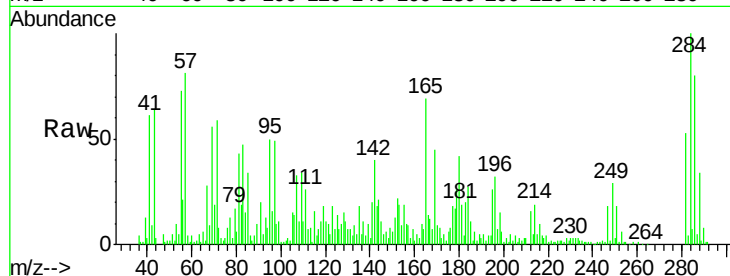




#68
Hexachlorobenzene
Concen: 12.520 ng
RT: 10.96 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

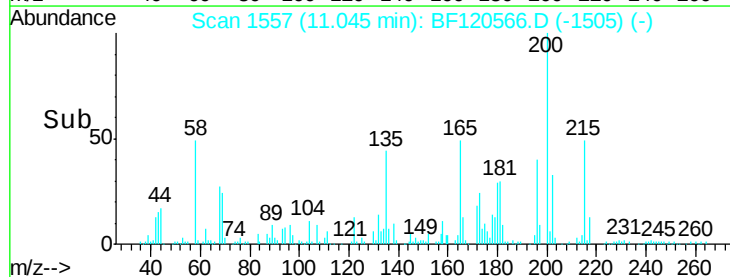
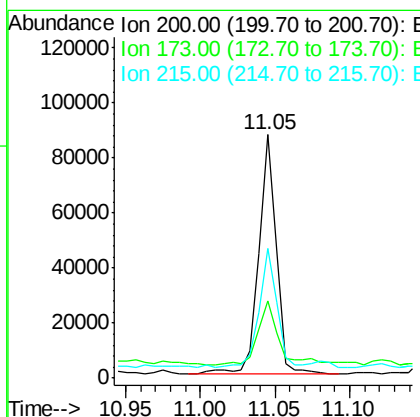
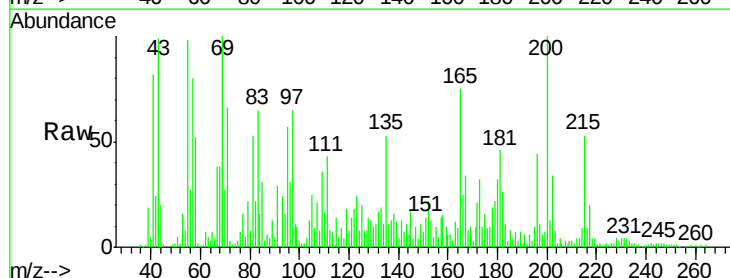
Instrument :
BNA_F
ClientSampleId :
SP-2AMSD

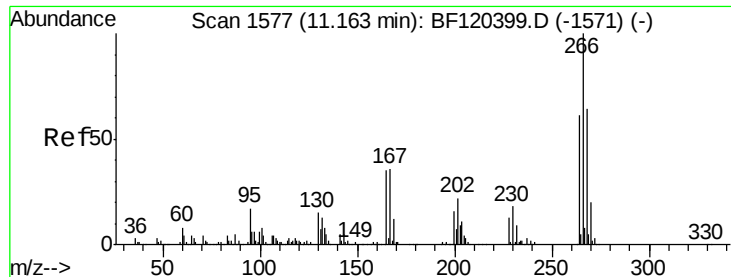
Tot Ion:284 Resp: 82482
Ion Ratio Lower Upper
284 100
142 39.6 24.6 36.8#
249 29.1 23.5 35.3



#69
Atrazine
Concen: 14.687 ng
RT: 11.05 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

Tgt Ion:200 Resp: 70470
Ion Ratio Lower Upper
200 100
173 31.8 8.1 48.1
215 53.3 28.9 68.9

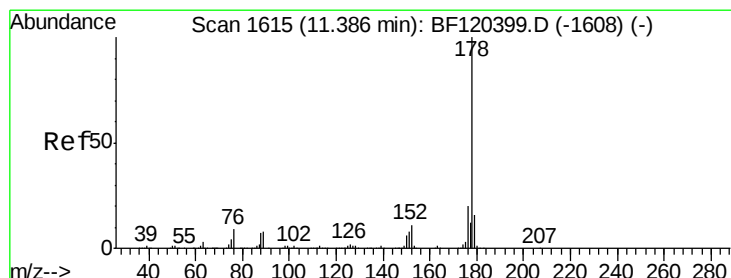
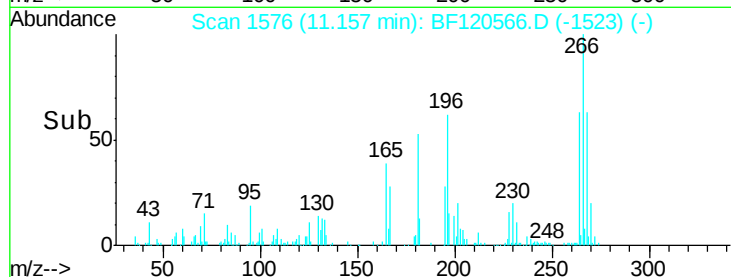
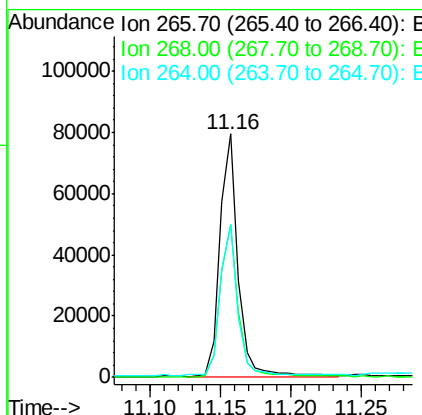
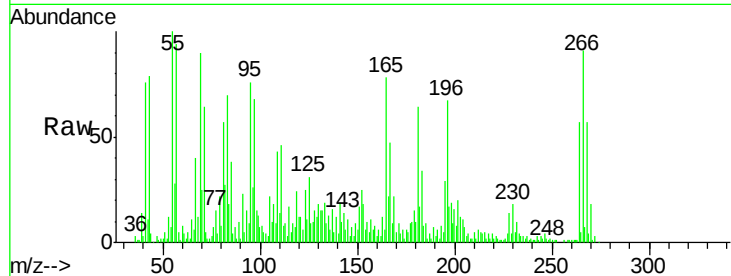




#70
 Pentachlorophenol
 Concen: 17.920 ng
 RT: 11.16 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: BF120566.D
 Acq: 5 Jun 2020 18:20

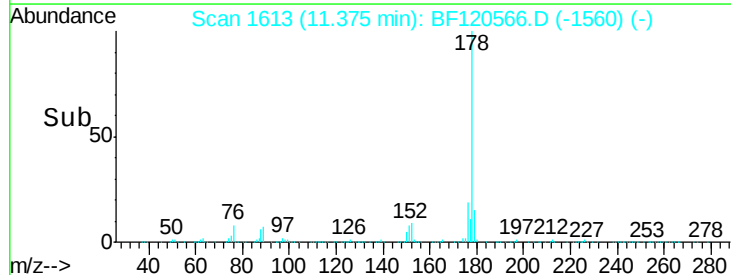
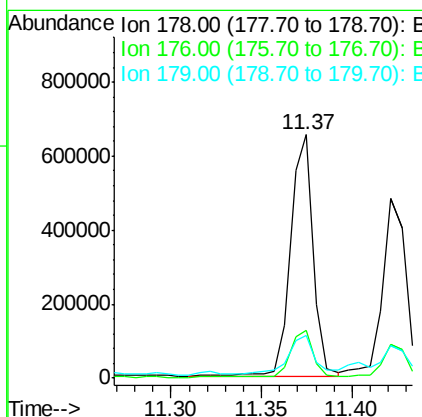
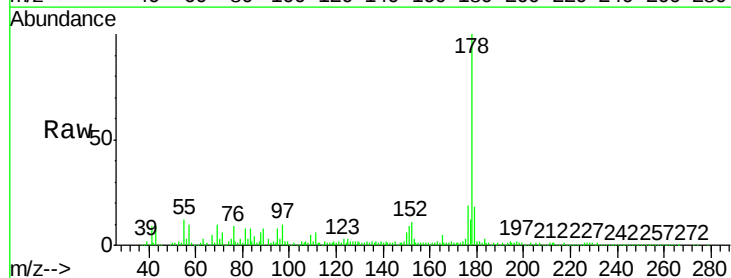
Instrument :
 BNA_F
 ClientSampleId :
 SP-2AMSD

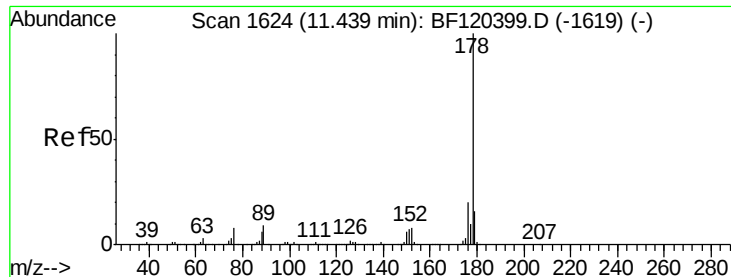
Tot Ion:266 Resp: 72180
 Ion Ratio Lower Upper
 266 100
 268 62.8 50.4 75.6
 264 62.8 51.4 77.0



#71
 Phenanthrene
 Concen: 20.942 ng
 RT: 11.37 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF120566.D
 Acq: 5 Jun 2020 18:20

Tgt Ion:178 Resp: 565517
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.7 23.5
 179 17.7 12.5 18.7





#72

Anthracene

Concen: 14.985 ng

RT: 11.42 min Scan# 1621

Delta R.T. 0.01 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

SP-2AMSD

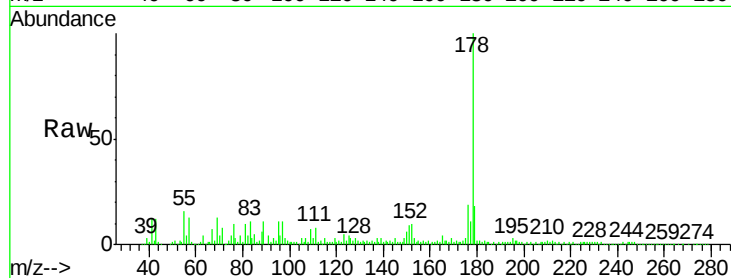
Tot Ion:178 Resp: 406003

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

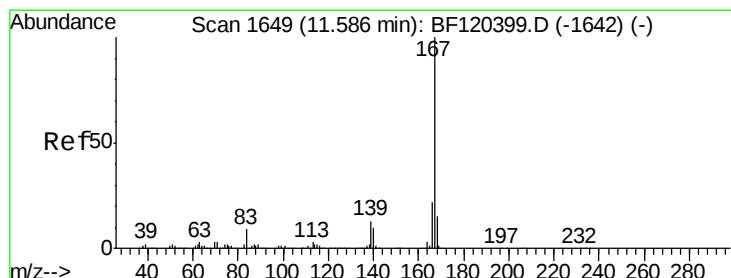
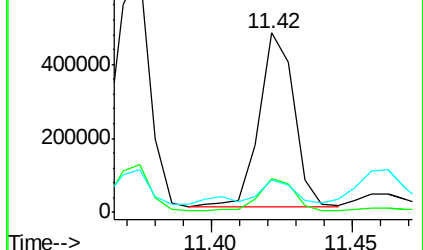
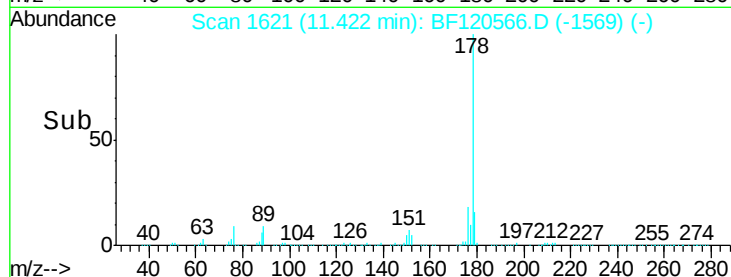
179 17.8 12.6 19.0



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: 12.296 ng

RT: 11.57 min Scan# 1647

Delta R.T. 0.01 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

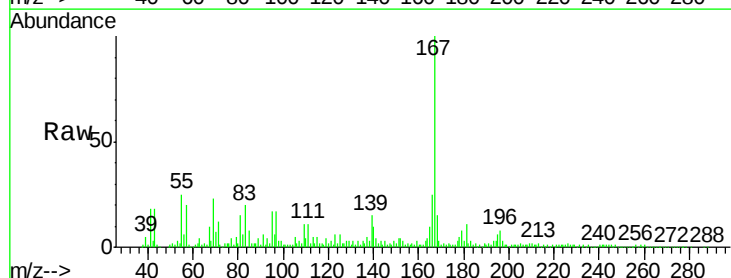
Tgt Ion:167 Resp: 322231

Ion Ratio Lower Upper

167 100

166 24.6 17.7 26.5

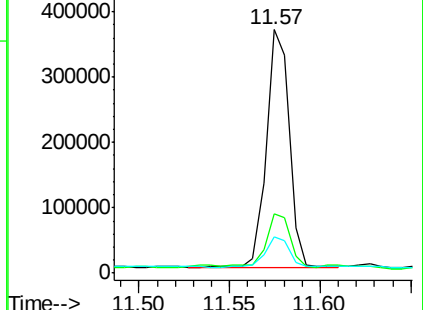
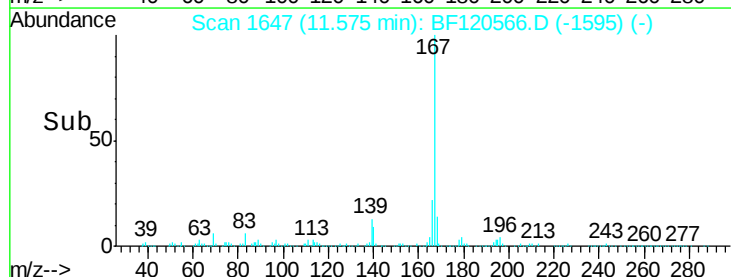
139 15.0 10.2 15.4

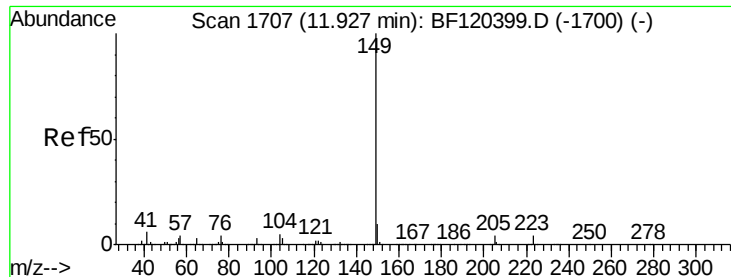


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 17.613 ng

RT: 11.91 min Scan# 1704

Delta R.T. 0.01 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

SP-2AMSD

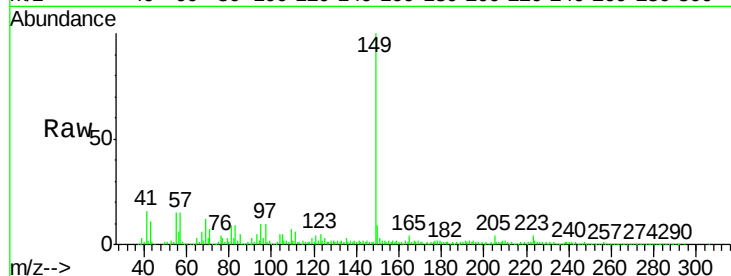
Tot Ion:149 Resp: 536916

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

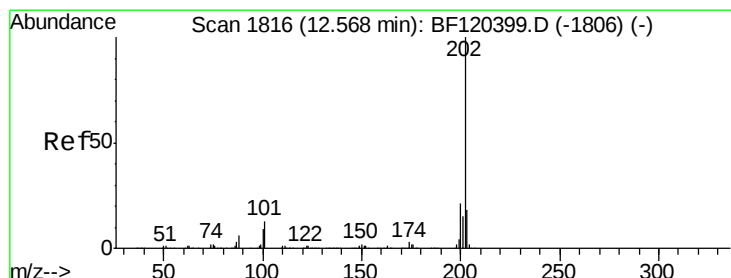
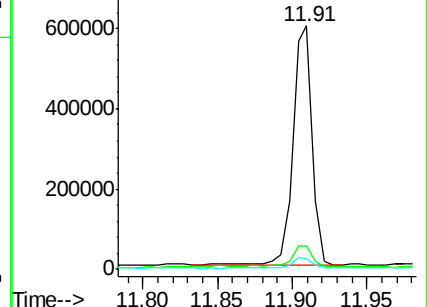
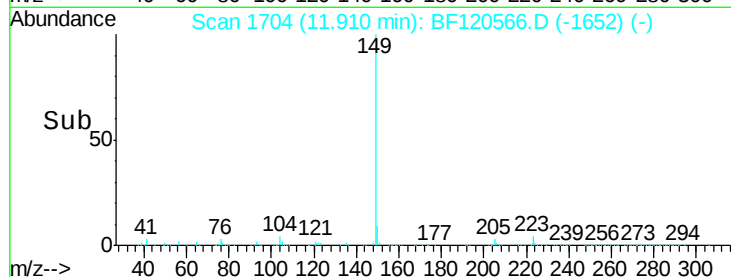
104 4.5 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 13.503 ng

RT: 12.56 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

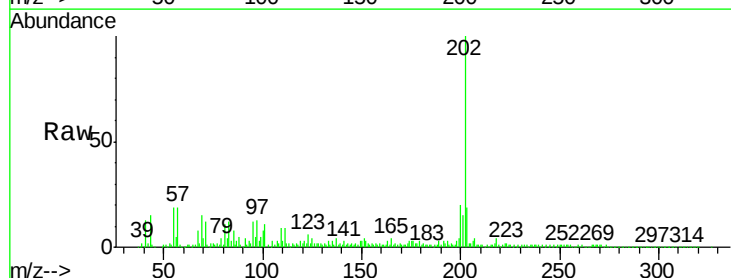
Tgt Ion:202 Resp: 392341

Ion Ratio Lower Upper

202 100

101 11.1 0.0 32.2

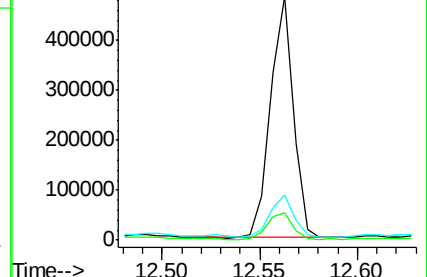
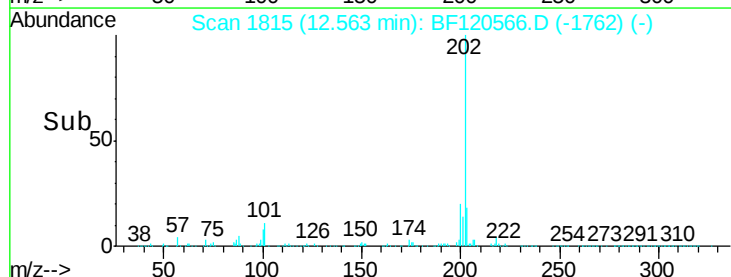
203 18.8 0.0 38.4

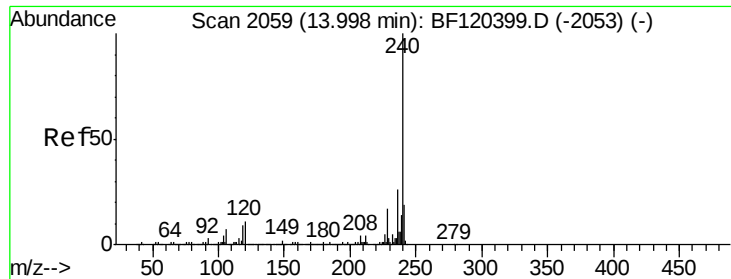


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

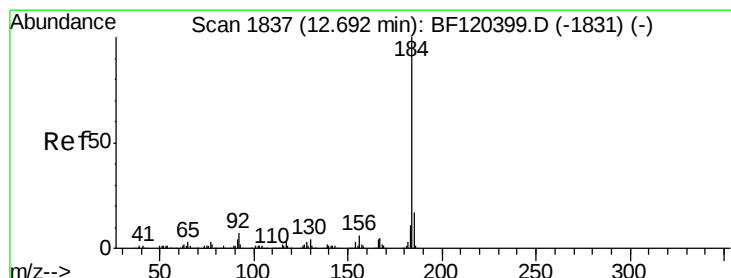
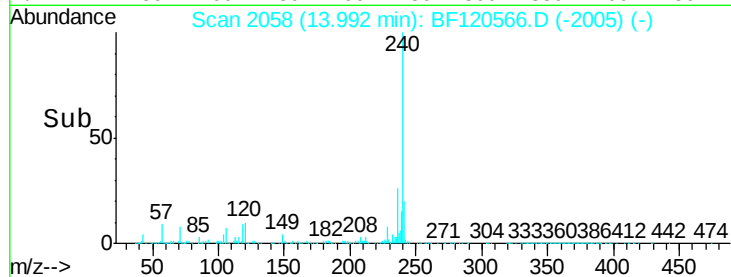
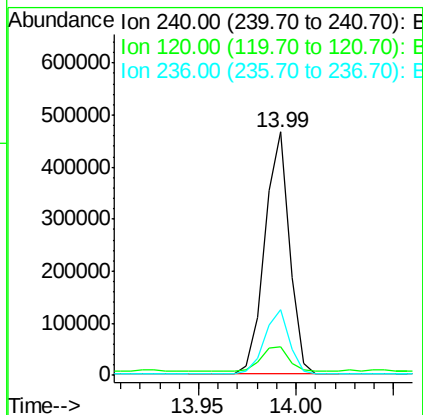
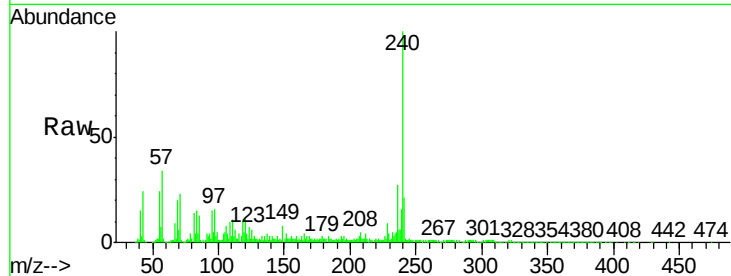




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

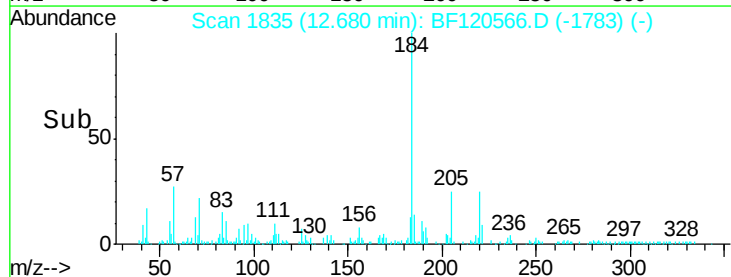
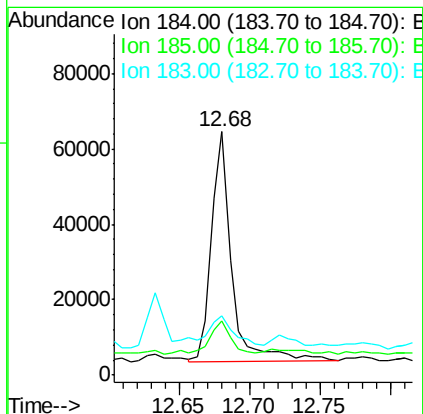
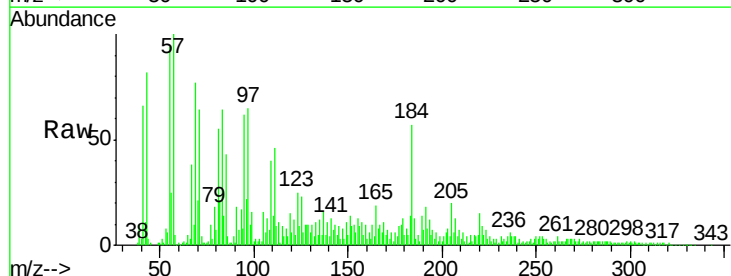
Instrument :
BNA_F
ClientSampleId :
SP-2AMSD

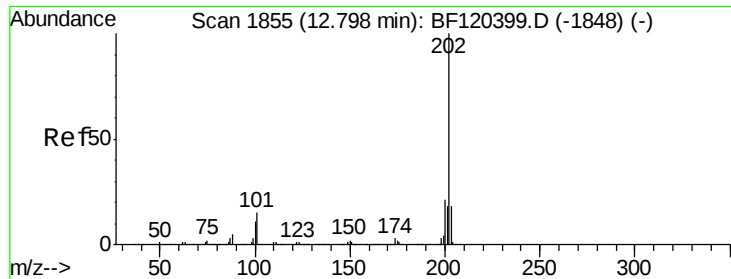
Tot Ion:240 Resp: 407947
Ion Ratio Lower Upper
240 100
120 11.7 9.1 13.7
236 26.8 21.3 31.9



#77
Benzidine
Concen: 5.663 ng
RT: 12.68 min Scan# 1835
Delta R.T. 0.01 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

Tgt Ion:184 Resp: 60695
Ion Ratio Lower Upper
184 100
185 22.4 11.3 16.9#
183 24.2 8.6 12.8#

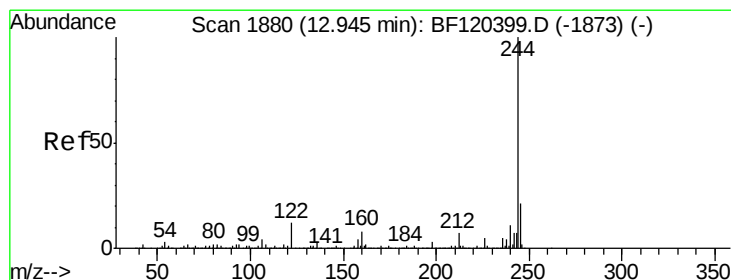
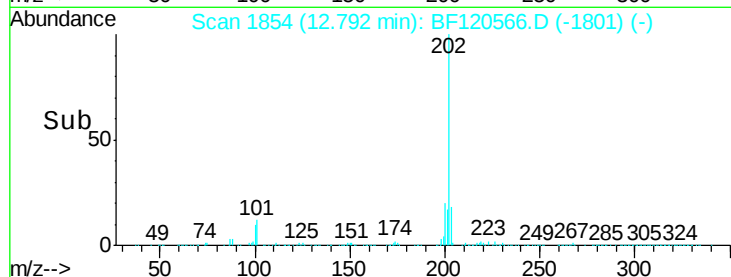
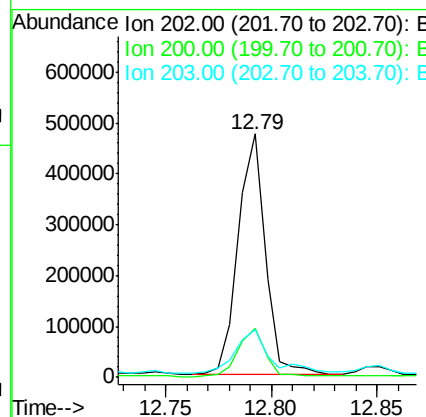
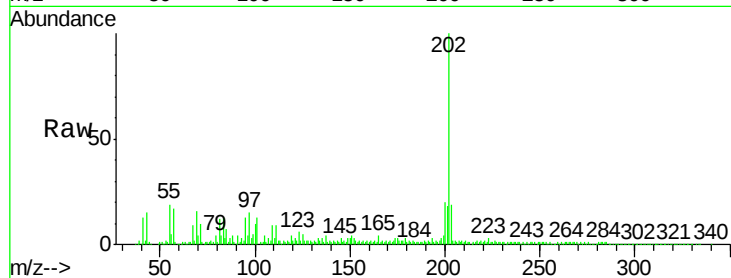




#78
Pvrene
Concen: 14.814 ng
RT: 12.79 min Scan# 1854
Delta R.T. 0.01 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

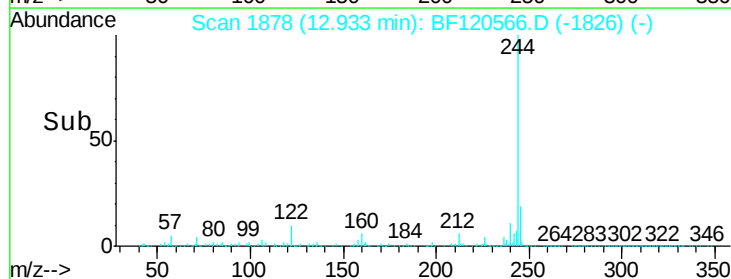
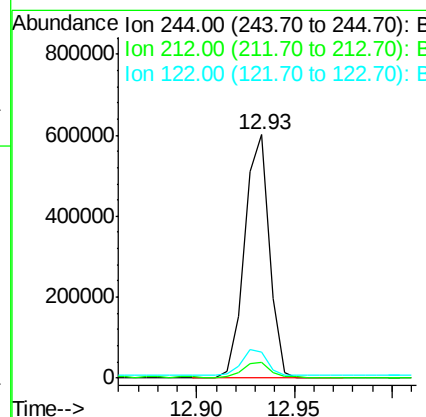
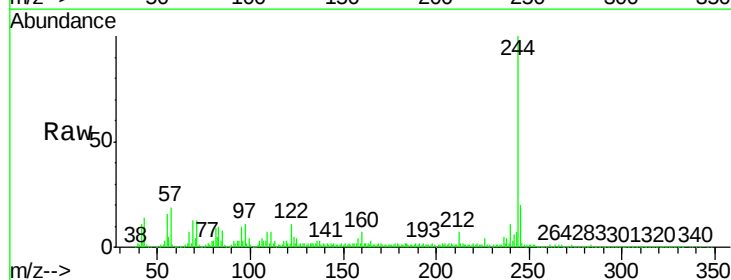
Instrument :
BNA_F
ClientSampleId :
SP-2AMSD

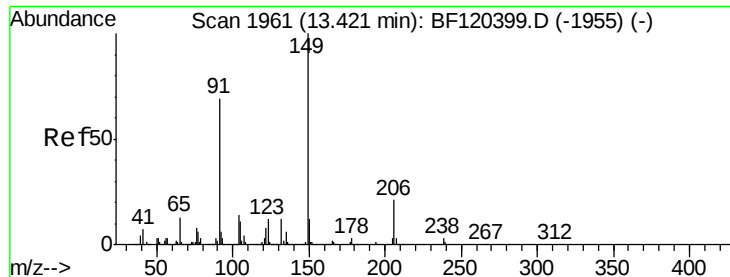
Tot Ion:202 Resp: 420272
Ion Ratio Lower Upper
202 100
200 20.0 16.6 24.8
203 19.4 14.4 21.6



#79
Terphenyl-d14
Concen: 28.626 ng
RT: 12.93 min Scan# 1878
Delta R.T. 0.01 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

Tgt Ion:244 Resp: 524797
Ion Ratio Lower Upper
244 100
212 6.5 5.3 7.9
122 10.9 8.4 12.6

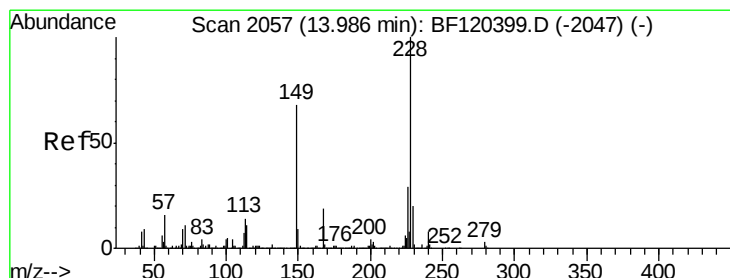
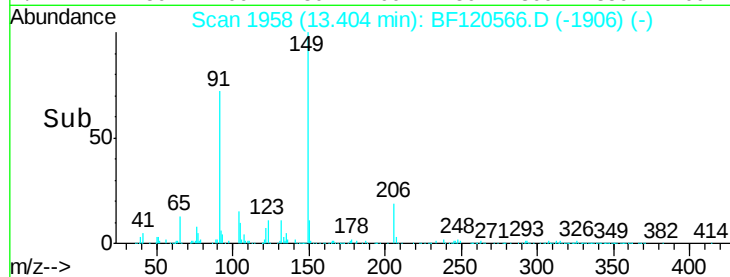
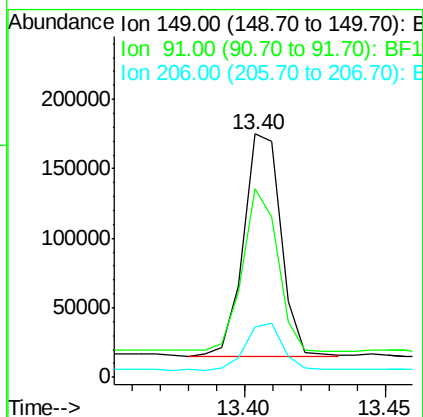
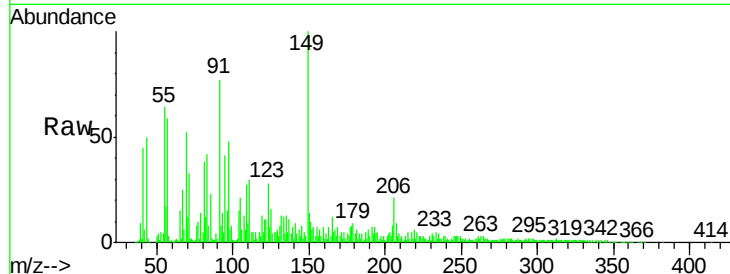




#80
Butylbenzylphthalate
Concen: 12.496 ng
RT: 13.40 min Scan# 1958
Delta R.T. 0.01 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

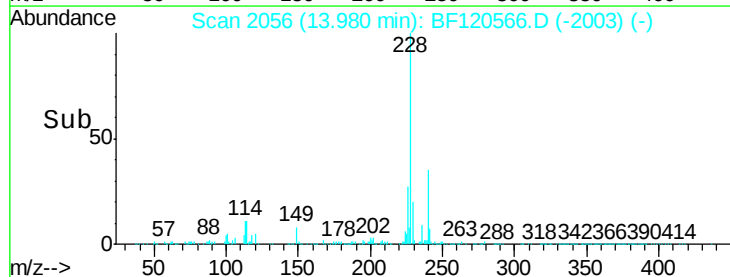
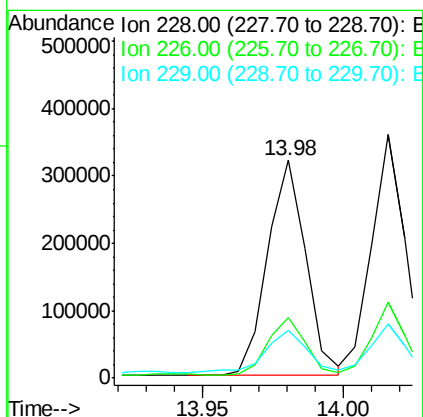
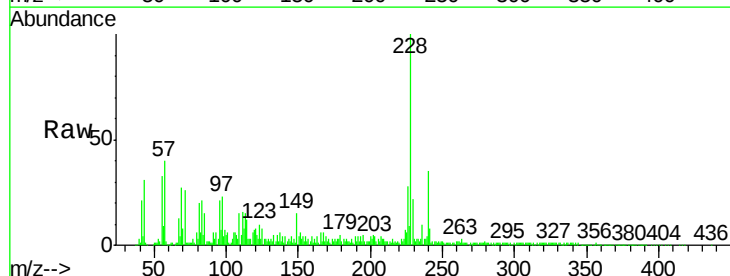
Instrument :
BNA_F
ClientSampleId :
SP-2AMSD

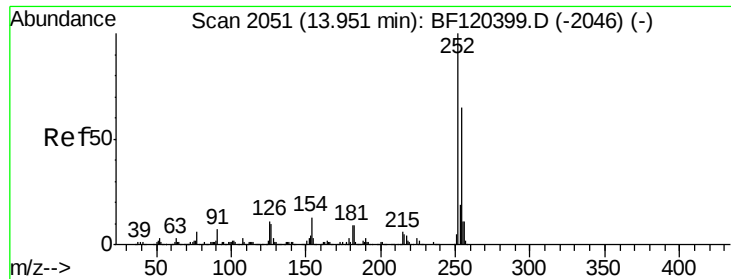
Tot Ion:149 Resp: 148000
Ion Ratio Lower Upper
149 100
91 77.4 54.7 82.1
206 20.6 16.2 24.2



#81
Benzo(a)anthracene
Concen: 13.740 ng
RT: 13.98 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

Tgt Ion:228 Resp: 300403
Ion Ratio Lower Upper
228 100
226 28.1 22.7 34.1
229 21.9 16.2 24.4

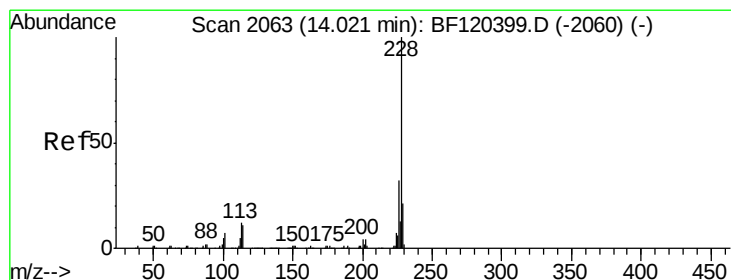
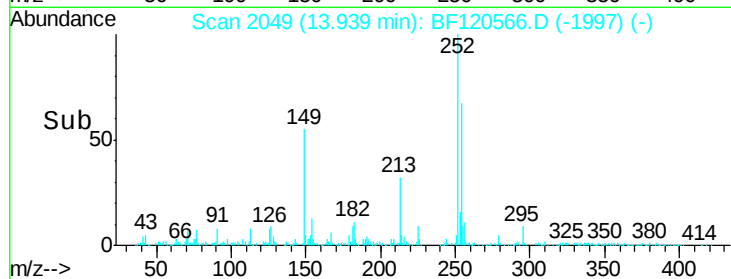
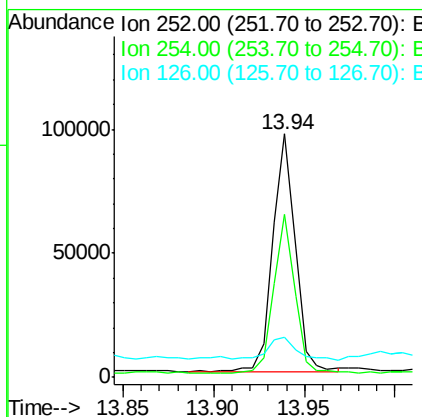
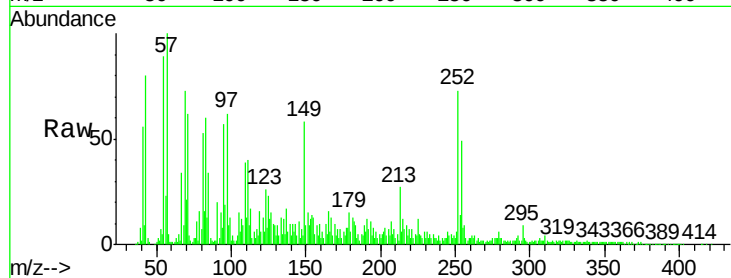




#82
 3,3'-Dichlorobenzidine
 Concen: 10.493 ng
 RT: 13.94 min Scan# 2049
 Delta R.T. 0.01 min
 Lab File: BF120566.D
 Acq: 5 Jun 2020 18:20

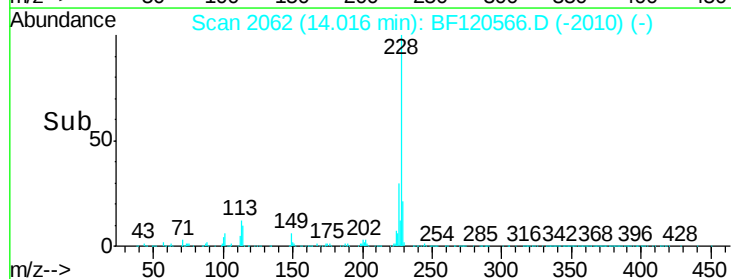
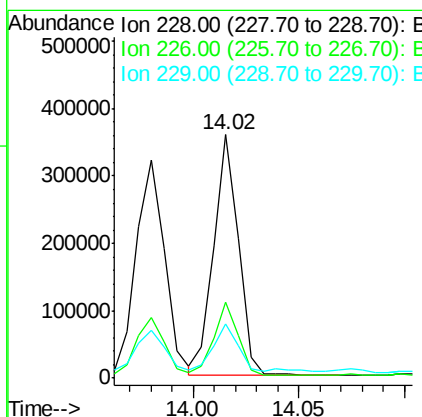
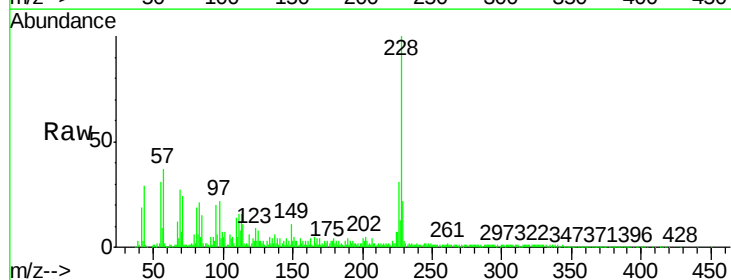
Instrument :
 BNA_F
 ClientSampleId :
 SP-2AMSD

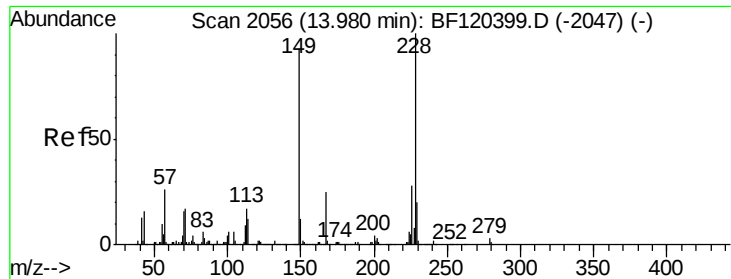
Tot Ion:252 Resp: 83288
 Ion Ratio Lower Upper
 252 100
 254 66.8 52.2 78.4
 126 16.5 8.2 12.4#



#83
 Chrysene
 Concen: 12.817 ng
 RT: 14.02 min Scan# 2062
 Delta R.T. 0.01 min
 Lab File: BF120566.D
 Acq: 5 Jun 2020 18:20

Tgt Ion:228 Resp: 293790
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.7 37.1
 229 22.2 15.6 23.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 20.987 ng

RT: 13.97 min Scan# 2054

Delta R.T. 0.01 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

SP-2AMSD

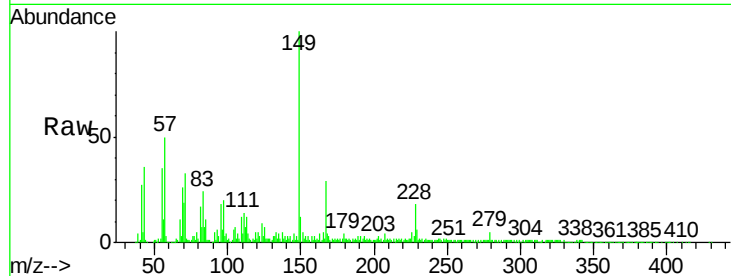
Tot Ion:149 Resp: 291788

Ion Ratio Lower Upper

149 100

167 28.6 21.8 32.6

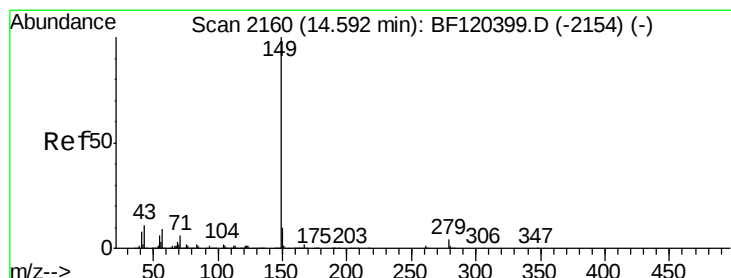
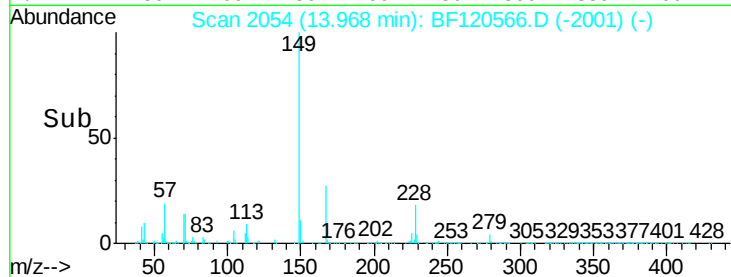
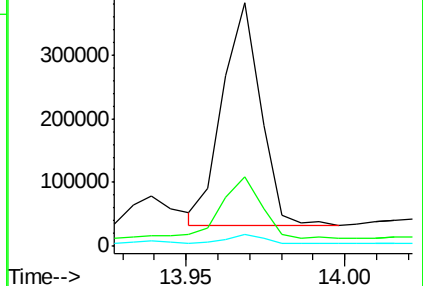
279 4.8 2.7 4.1#



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: 14.447 ng

RT: 14.58 min Scan# 2158

Delta R.T. 0.01 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

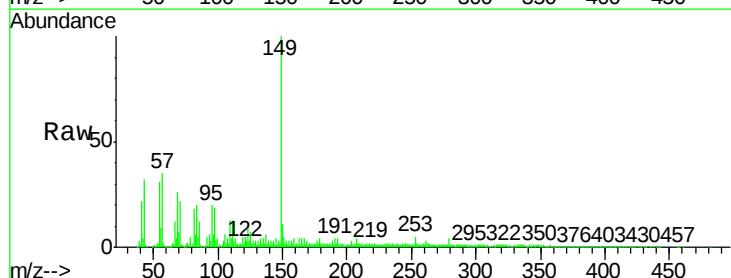
Tgt Ion:149 Resp: 347556

Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8#

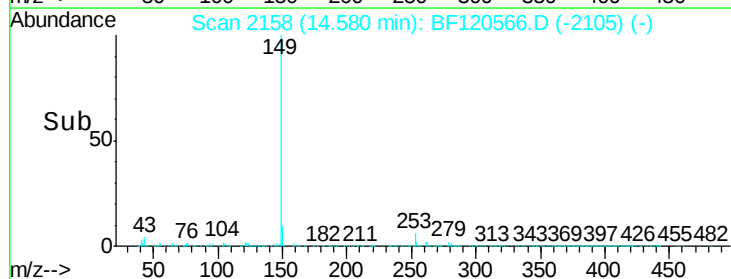
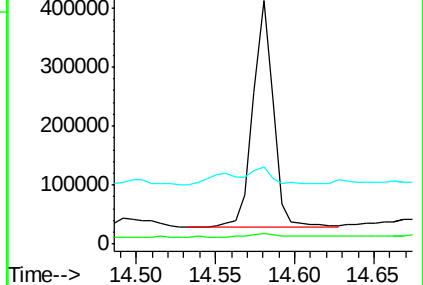
43 6.5 7.5 11.3#

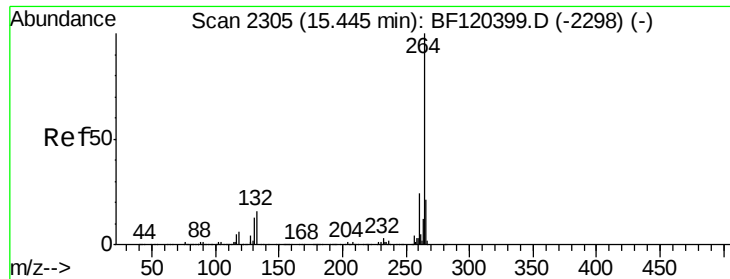


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2306

Delta R.T. 0.02 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

SP-2AMSD

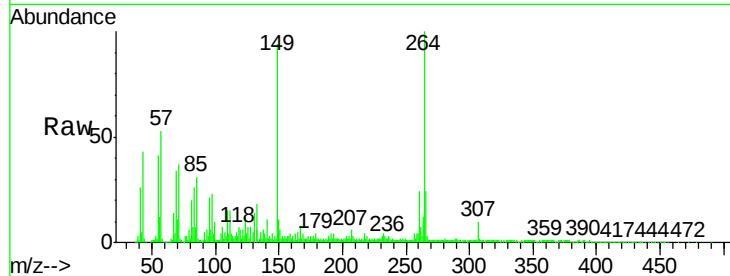
Tot Ion:264 Resp: 365134

Ion Ratio Lower Upper

264 100

260 24.0 19.6 29.4

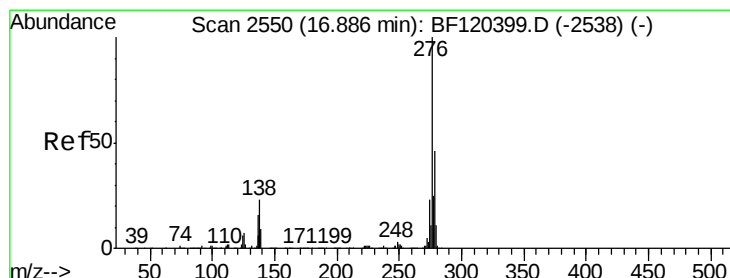
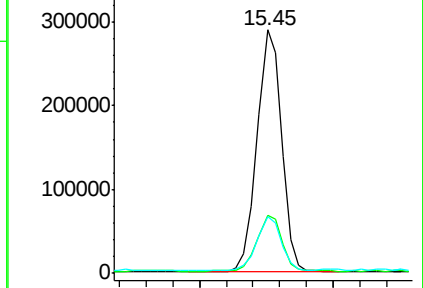
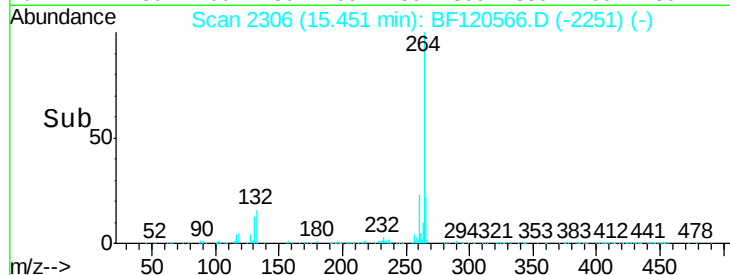
265 23.5 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Indeno(1,2,3-cd)pyrene

Concen: 12.403 ng

RT: 16.90 min Scan# 2552

Delta R.T. 0.04 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

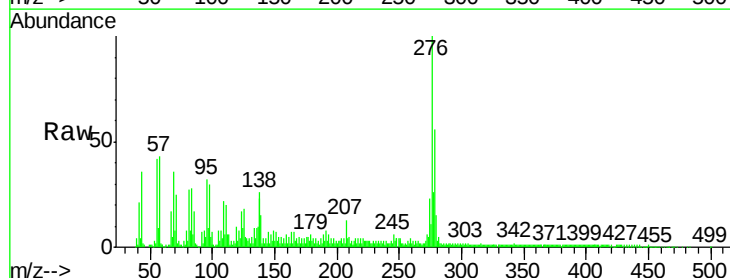
Tgt Ion:276 Resp: 247694

Ion Ratio Lower Upper

276 100

138 26.0 17.8 26.8

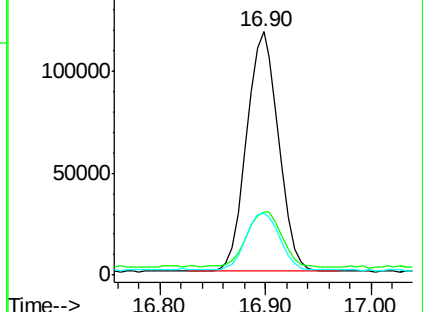
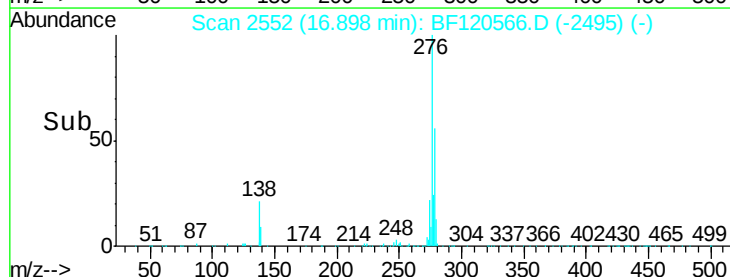
277 25.0 20.1 30.1

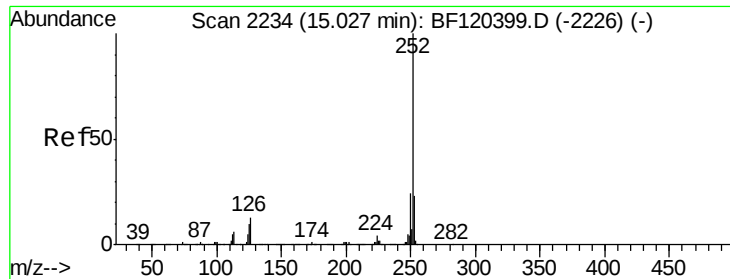


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

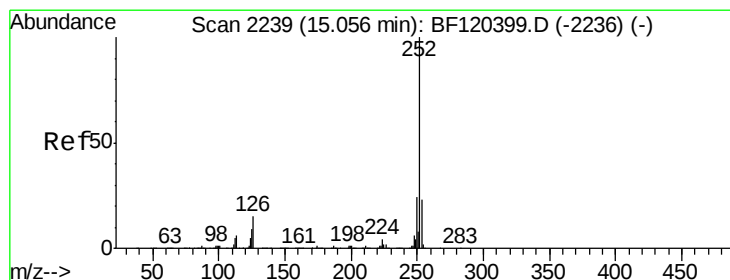
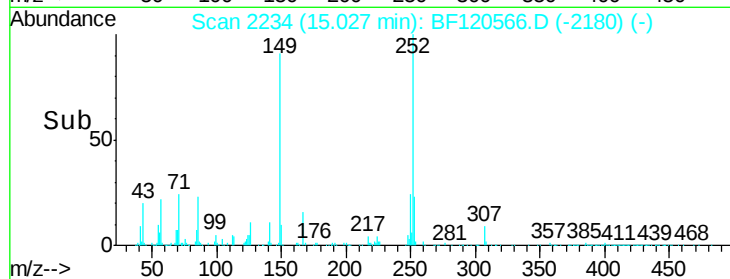
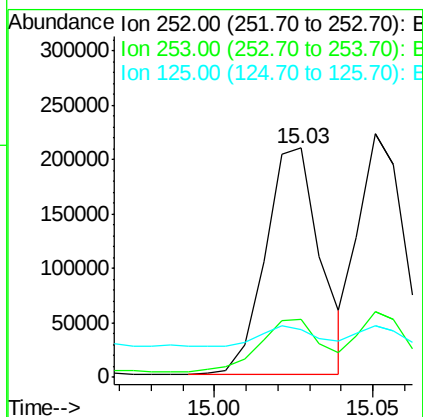
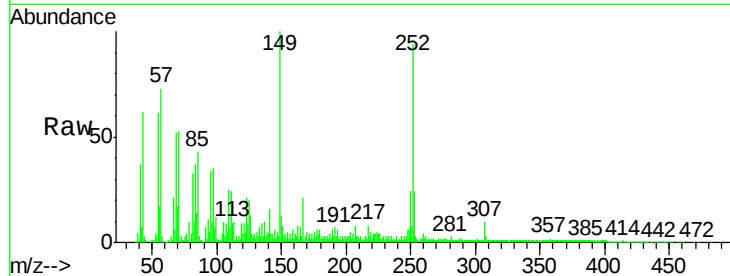




#88
Benzo(b)fluoranthene
Concen: 12.377 ng
RT: 15.03 min Scan# 2234
Delta R.T. 0.02 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

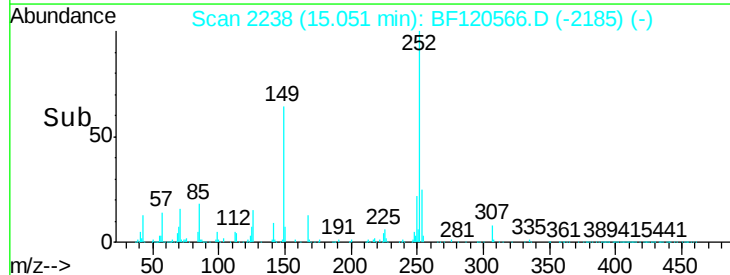
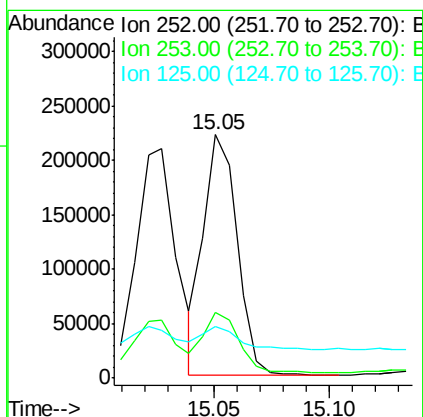
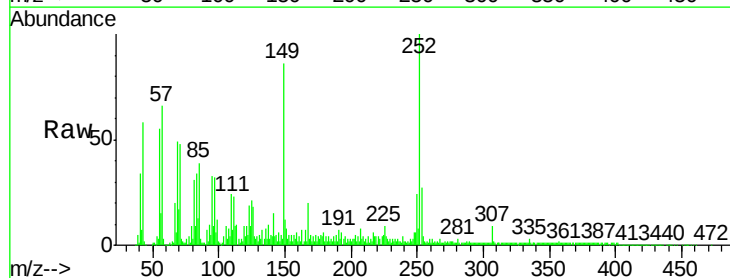
Instrument :
BNA_F
ClientSampleId :
SP-2AMSD

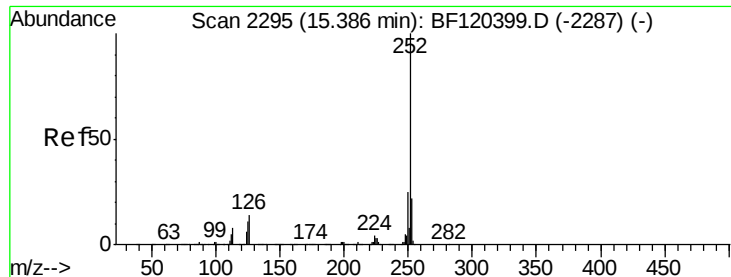
Tot Ion:252 Resp: 251021
Ion Ratio Lower Upper
252 100
253 25.2 17.2 25.8
125 20.9 6.7 10.1#



#89
Benzo(k)fluoranthene
Concen: 11.753 ng
RT: 15.05 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF120566.D
Acq: 5 Jun 2020 18:20

Tgt Ion:252 Resp: 222520
Ion Ratio Lower Upper
252 100
253 27.0 17.4 26.0#
125 21.4 6.8 10.2#





#90

Benzo(a)pyrene

Concen: 11.712 ng

RT: 15.39 min Scan# 2295

Delta R.T. 0.02 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

SP-2AMSD

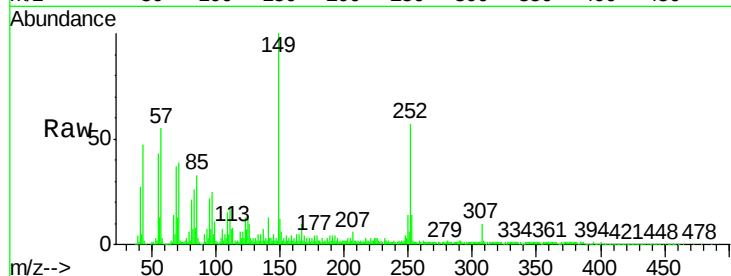
Tot Ion:252 Resp: 207767

Ion Ratio Lower Upper

252 100

253 24.7 17.4 26.0

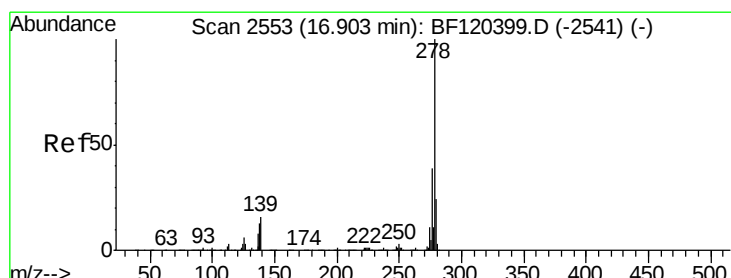
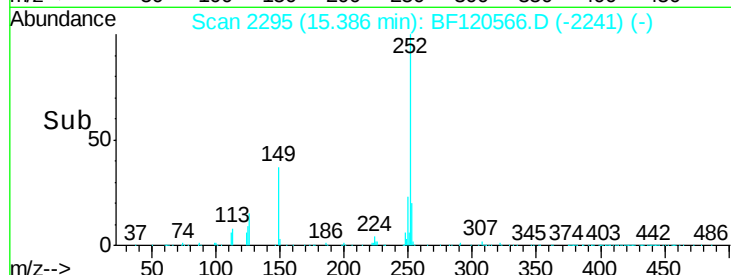
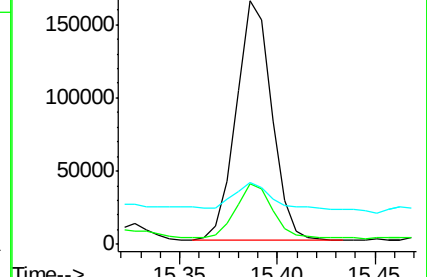
125 25.2 7.8 11.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 12.838 ng

RT: 16.91 min Scan# 2554

Delta R.T. 0.03 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

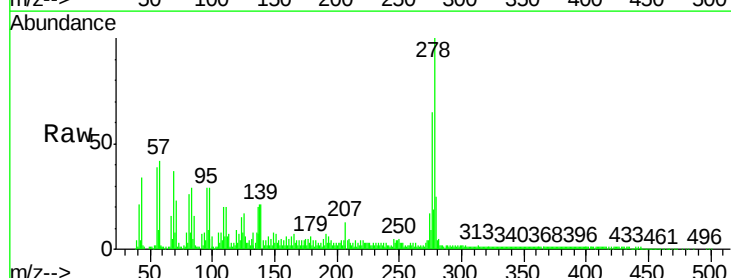
Tgt Ion:278 Resp: 209019

Ion Ratio Lower Upper

278 100

139 20.9 11.3 16.9#

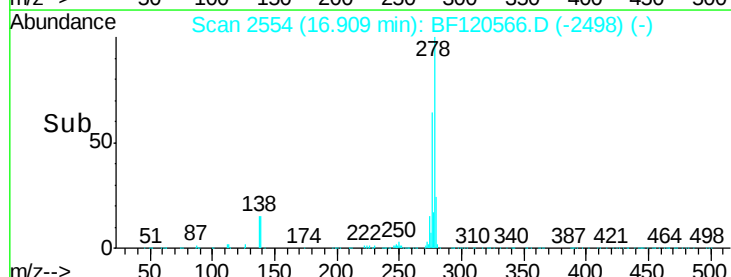
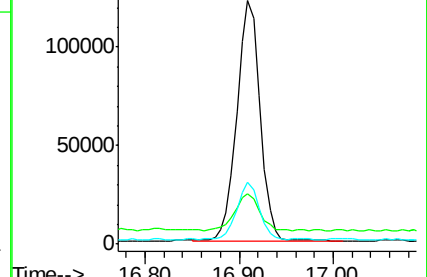
279 25.4 19.1 28.7

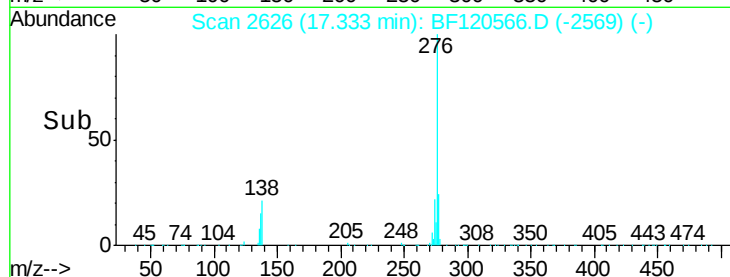
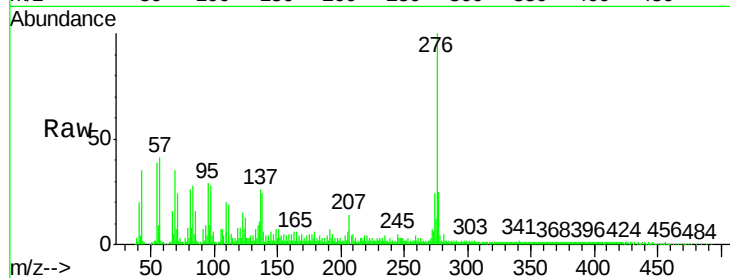
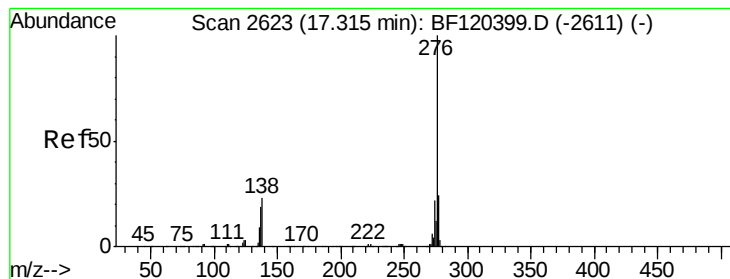


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 13.094 ng

RT: 17.33 min Scan# 2626

Delta R.T. 0.04 min

Lab File: BF120566.D

Acq: 5 Jun 2020 18:20

Instrument :

BNA_F

ClientSampleId :

SP-2AMSD

Tot Ion:276 Resp: 210265

Ion Ratio Lower Upper

276 100

277 25.5 18.8 28.2

138 23.8 15.4 23.0#

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

