

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121077.D
 Acq On : 28 Jul 2020 19:18
 Operator : JU/CG
 Sample : L3439-08MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMS

Quant Time: Jul 29 00:44:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	158130	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	611587	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	327507	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	647862	20.00	ng	0.00
76) Chrysene-d12	13.97	240	541718	20.00	ng	0.00
86) Perylene-d12	15.42	264	630804	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1059554	109.85	ng	0.02
7) Phenol-d6	6.45	99	1189048	95.43	ng	0.00
23) Nitrobenzene-d5	7.38	82	920328	87.07	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	456550	127.35	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1662692	75.80	ng	0.00
79) Terphenyl-d14	12.92	244	1776153	71.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	166872	37.589	ng	# 85
3) Pyridine	3.40	79	292948	24.806	ng	99
4) n-Nitrosodimethylamine	3.32	42	196297	38.872	ng	95
6) Aniline	6.47	93	343411	21.114	ng	# 86
8) 2-Chlorophenol	6.60	128	472912	44.504	ng	99
9) Benzaldehyde	6.36	77	218118	34.914	ng	97
10) Phenol	6.46	94	514865	37.564	ng	96
11) bis(2-Chloroethyl)ether	6.55	93	543044	51.697	ng	97
12) 1,3-Dichlorobenzene	6.76	146	485198	42.109	ng	98
13) 1,4-Dichlorobenzene	6.83	146	488851	42.666	ng	98
14) 1,2-Dichlorobenzene	6.98	146	472773	43.617	ng	99
15) Benzyl Alcohol	6.96	79	382262	43.382	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	627457	41.442	ng	98
17) 2-Methylphenol	7.07	107	368351	39.110	ng	99
18) Hexachloroethane	7.33	117	181297	43.718	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	296754	41.884	ng	100
20) 3+4-Methylphenols	7.23	107	402528	33.597	ng	# 84
22) Acetophenone	7.22	105	600534	43.752	ng	# 95
24) Nitrobenzene	7.40	77	483566	42.448	ng	99
25) Isophorone	7.64	82	866007	41.054	ng	100
26) 2-Nitrophenol	7.72	139	256410	47.392	ng	97
27) 2,4-Dimethylphenol	7.75	122	409768	46.648	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	574688	44.631	ng	99
29) 2,4-Dichlorophenol	7.96	162	402594	44.851	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	423213	42.496	ng	98
31) Naphthalene	8.12	128	1323879	42.200	ng	99
32) Benzoic acid	7.89	122	341314	51.760	ng	94
33) 4-Chloroaniline	8.17	127	256824	18.352	ng	98
34) Hexachlorobutadiene	8.23	225	244484	41.644	ng	99
35) Caprolactam	8.56	113	99208	34.465	ng	98
36) 4-Chloro-3-methylphenol	8.66	107	418061	45.412	ng	96
37) 2-Methylnaphthalene	8.81	142	913795	44.861	ng	100
38) 1-Methylnaphthalene	8.91	142	854979	44.318	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	403138	42.248	ng	99

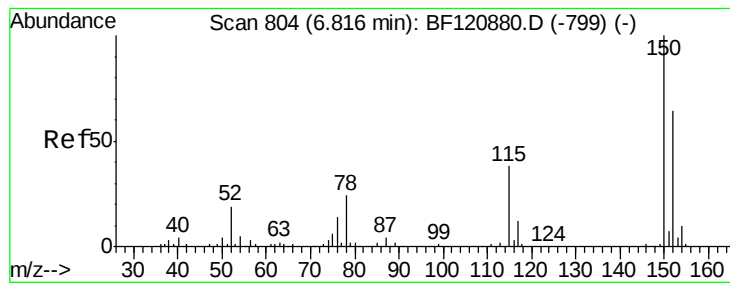
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	434286	82.349	ng	97
43) 2,4,6-Trichlorophenol	9.09	196	296623	44.150	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	328204	43.066	ng	99
46) 1,1'-Biphenyl	9.27	154	1121795	44.904	ng	99
47) 2-Chloronaphthalene	9.30	162	856756	42.064	ng	98
48) 2-Nitroaniline	9.40	65	275591	44.773	ng	94
49) Acenaphthylene	9.72	152	1373518	43.408	ng	100
50) Dimethylphthalate	9.58	163	1277651	54.075	ng	99
51) 2,6-Dinitrotoluene	9.64	165	235295	46.353	ng	90
52) Acenaphthene	9.89	154	814296	40.477	ng	100
53) 3-Nitroaniline	9.80	138	187223	29.408	ng	95
54) 2,4-Dinitrophenol	9.92	184	265944	90.078	ng	# 88
55) Dibenzofuran	10.06	168	1214406	41.744	ng	100
56) 4-Nitrophenol	9.97	139	370597	76.631	ng	99
57) 2,4-Dinitrotoluene	10.04	165	321992	48.303	ng	# 91
58) Fluorene	10.40	166	907455	41.824	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	285782	49.251	ng	96
60) Diethylphthalate	10.27	149	1058559	44.293	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	434023	37.504	ng	99
62) 4-Nitroaniline	10.43	138	268858	43.353	ng	95
63) Azobenzene	10.55	77	985547	43.317	ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	174054	46.546	ng	98
66) n-Nitrosodiphenylamine	10.51	169	882793	43.316	ng	100
67) 4-Bromophenyl-phenylether	10.88	248	302034	41.815	ng	96
68) Hexachlorobenzene	10.95	284	340233	43.544	ng	96
69) Atrazine	11.05	200	230155	45.599	ng	99
70) Pentachlorophenol	11.15	266	430017	96.066	ng	100
71) Phenanthrene	11.36	178	1388430	41.670	ng	100
72) Anthracene	11.42	178	1441488	43.084	ng	99
73) Carbazole	11.57	167	1398184	42.109	ng	99
74) Di-n-butylphthalate	11.90	149	1686067	44.003	ng	100
75) Fluoranthene	12.55	202	1604022	43.431	ng	98
77) Benzidine	12.67	184	502320	35.269	ng	99
78) Pyrene	12.78	202	1640041	42.821	ng	100
80) Butylbenzylphthalate	13.40	149	770670	45.138	ng	95
81) Benzo(a)anthracene	13.97	228	1356403	41.349	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	473901	38.292	ng	99
83) Chrysene	14.00	228	1476291	42.824	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	915098	43.465	ng	99
85) Di-n-octyl phthalate	14.57	149	1859219	44.387	ng	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1906493	43.458	ng	99
88) Benzo(b)fluoranthene	15.00	252	1751407	45.933	ng	99
89) Benzo(k)fluoranthene	15.04	252	1419040	40.807	ng	99
90) Benzo(a)pyrene	15.36	252	1482814	42.624	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	1567989	43.755	ng	98
92) Benzo(g,h,i)perylene	17.30	276	1591680	45.047	ng	98

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

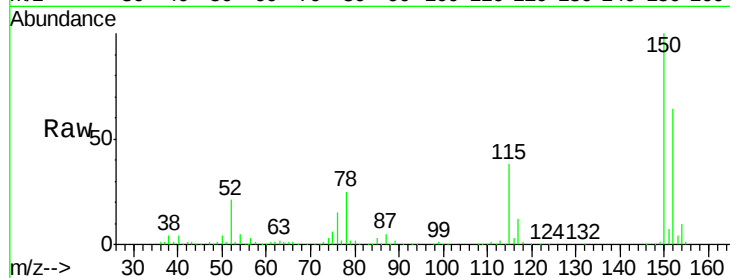


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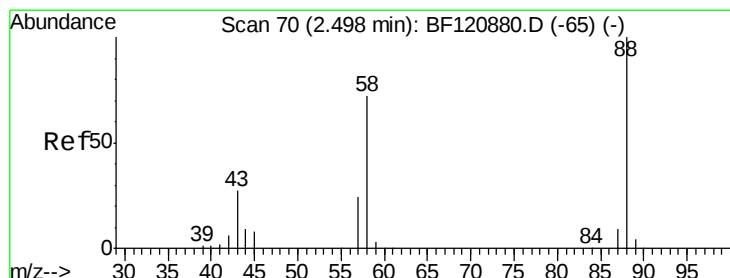
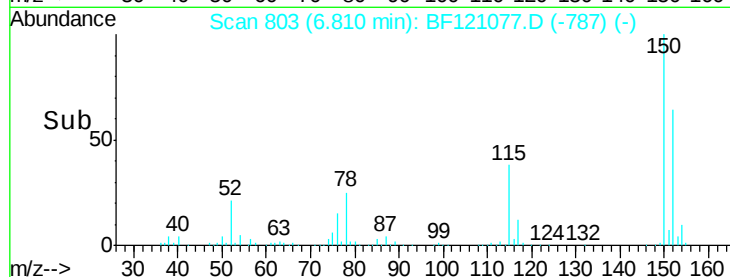
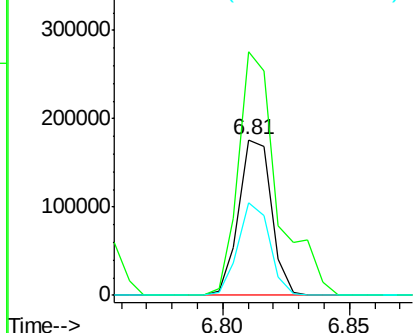
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion:152 Resp: 158130
Ion Ratio Lower Upper
152 100
150 156.3 125.0 187.6
115 59.1 47.0 70.4



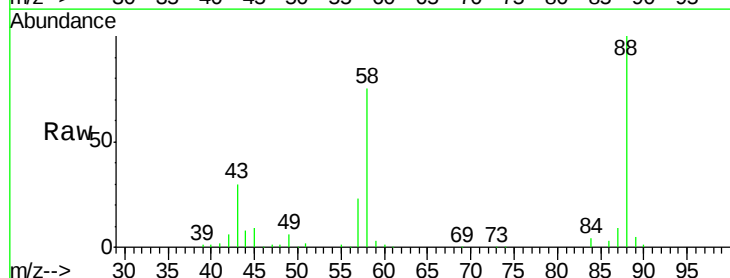
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



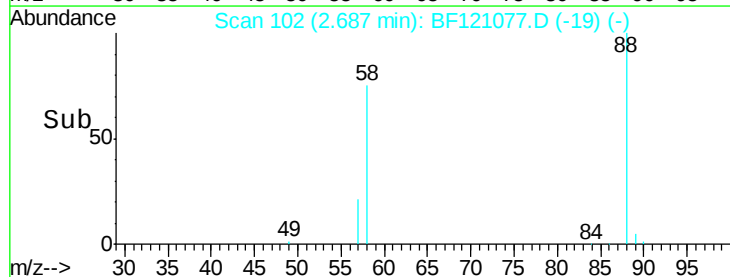
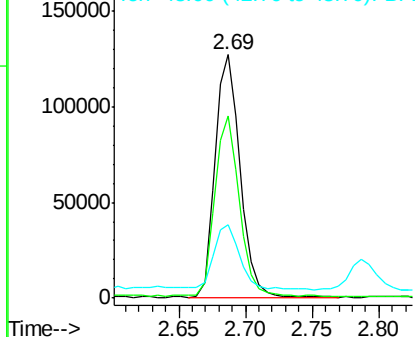
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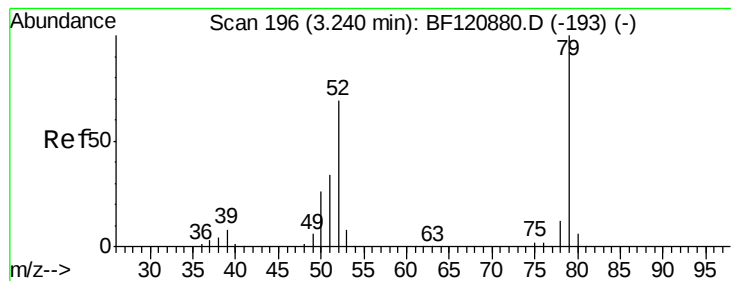
1,4-Dioxane
Concen: 37.589 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.19 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion: 88 Resp: 166872
Ion Ratio Lower Upper
88 100
58 72.6 58.2 87.2
43 0.0 22.1 33.1#



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: 24.806 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.16 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

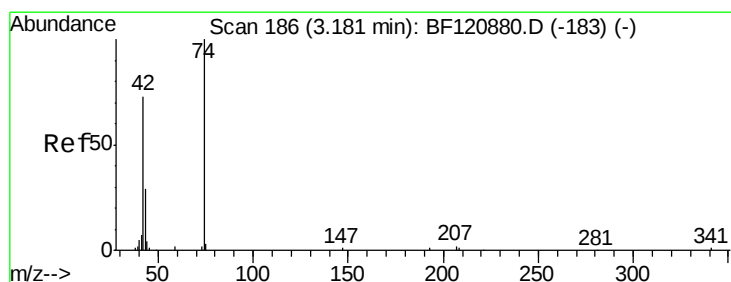
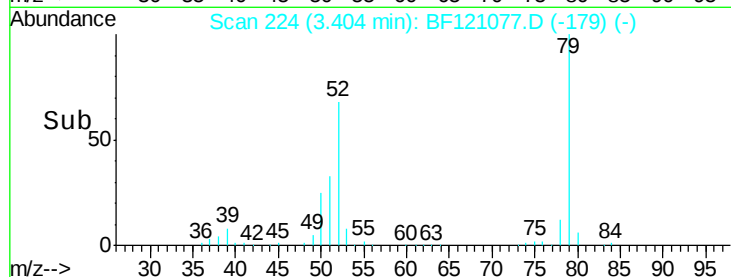
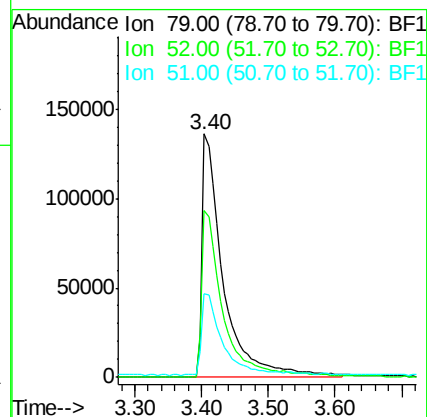
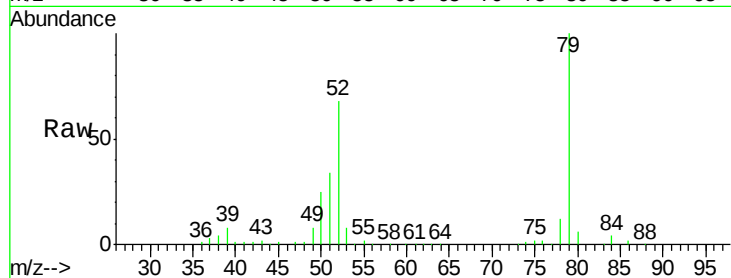
Tot Ion: 79 Resp: 292948

Ion Ratio Lower Upper

79 100

52 68.4 55.0 82.6

51 34.2 26.9 40.3



#4

n-Nitrosodimethylamine

Concen: 38.872 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.14 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

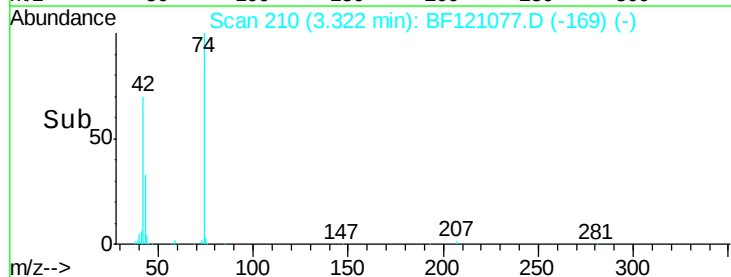
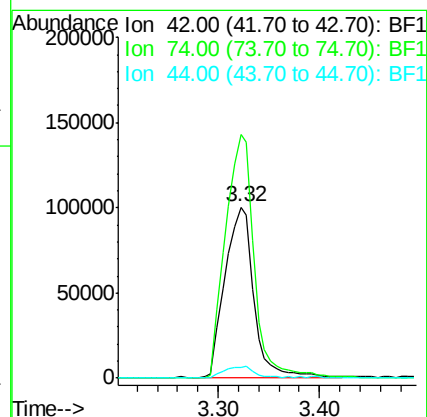
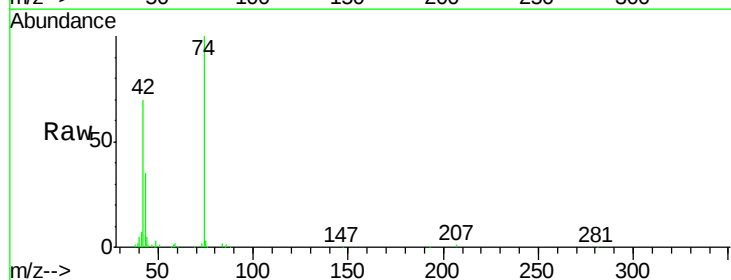
Tgt Ion: 42 Resp: 196297

Ion Ratio Lower Upper

42 100

74 142.6 108.7 163.1

44 6.6 5.2 7.8





#5

2-Fluorophenol

Concen: 109.845 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

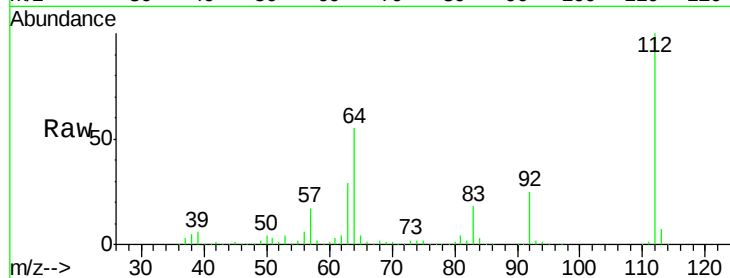
Tot Ion: 112 Resp: 1059554

Ion Ratio Lower Upper

112 100

64 55.4 41.3 61.9

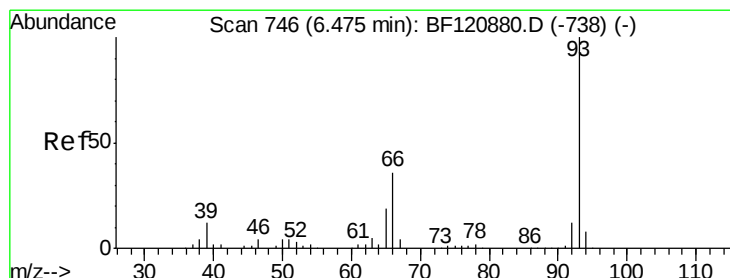
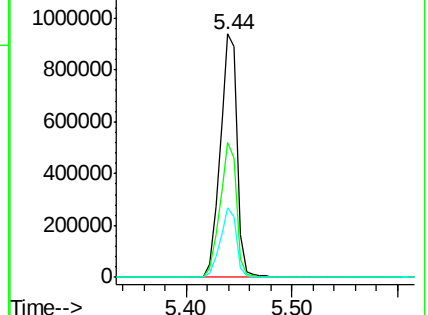
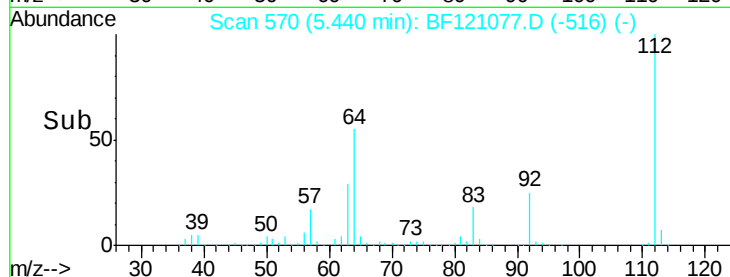
63 28.6 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.114 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

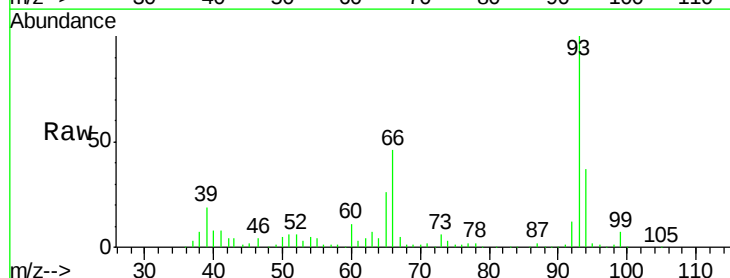
Tgt Ion: 93 Resp: 343411

Ion Ratio Lower Upper

93 100

66 46.1 30.2 45.4#

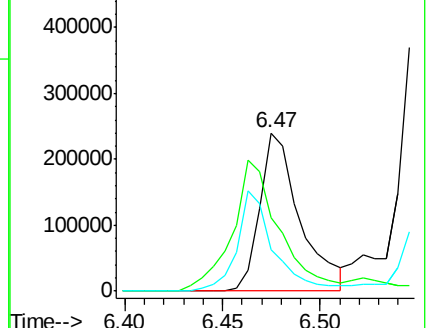
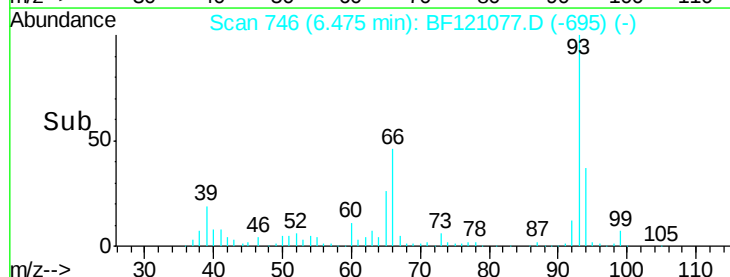
65 26.2 15.8 23.6#

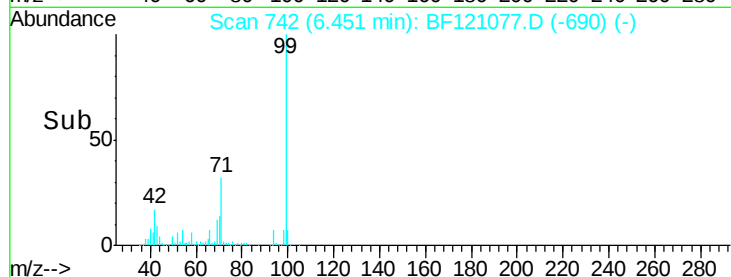
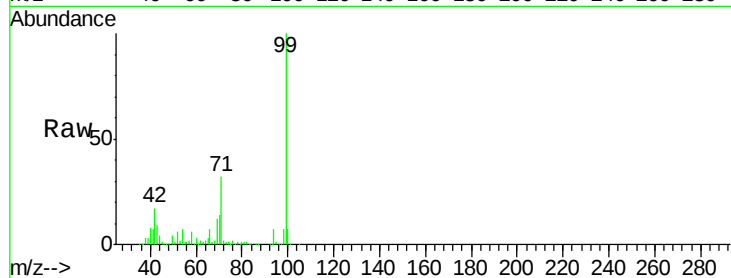
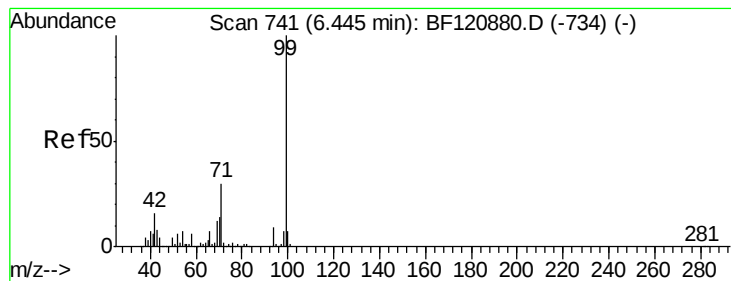


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 95.429 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

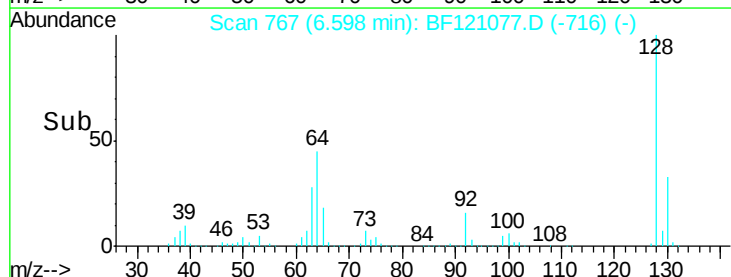
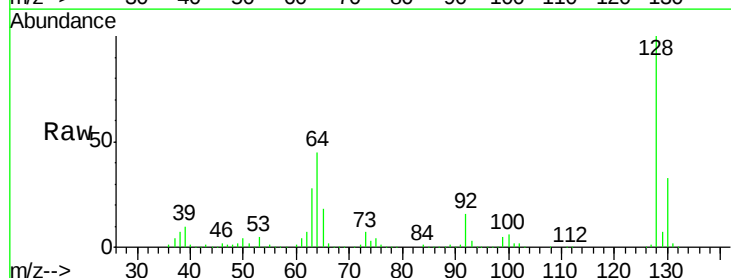
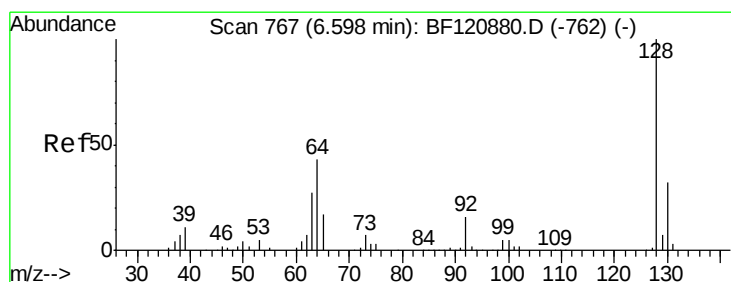
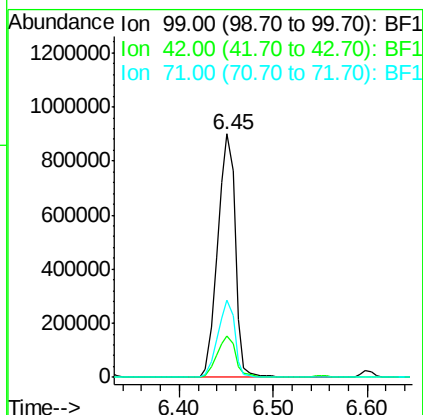
Tot Ion: 99 Resp: 1189048

Ion Ratio Lower Upper

99 100

42 17.2 13.1 19.7

71 31.5 24.2 36.4



#8

2-Chlorophenol

Concen: 44.504 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

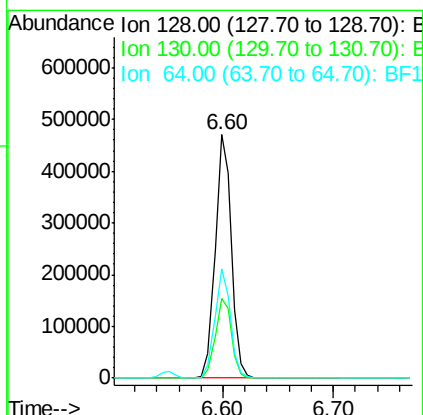
Tgt Ion: 128 Resp: 472912

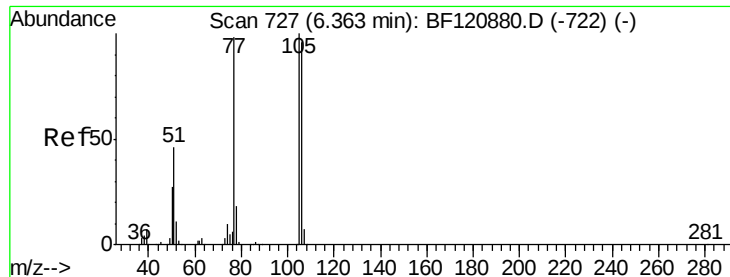
Ion Ratio Lower Upper

128 100

130 32.7 12.1 52.1

64 44.8 24.0 64.0





#9

Benzaldehyde

Concen: 34.914 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

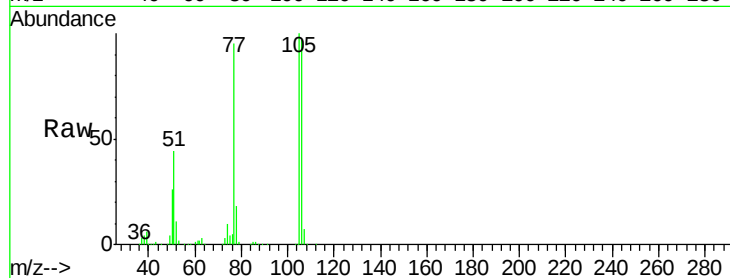
Tot Ion: 77 Resp: 218118

Ion Ratio Lower Upper

77 100

105 105.1 82.5 122.5

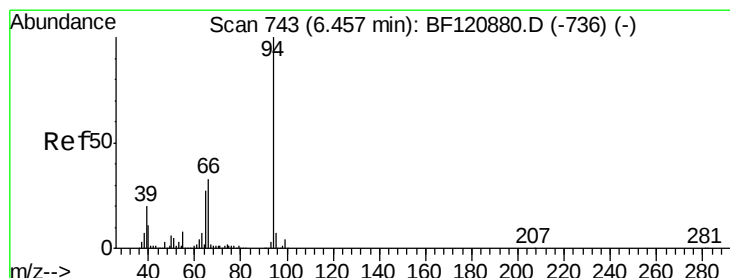
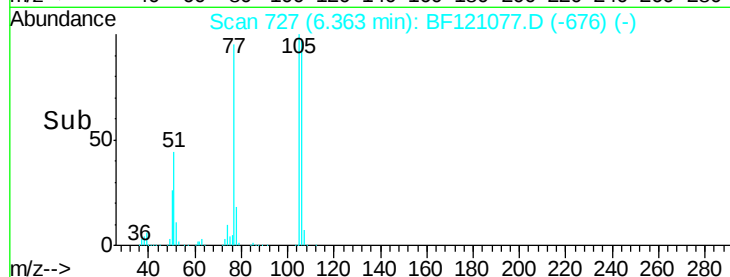
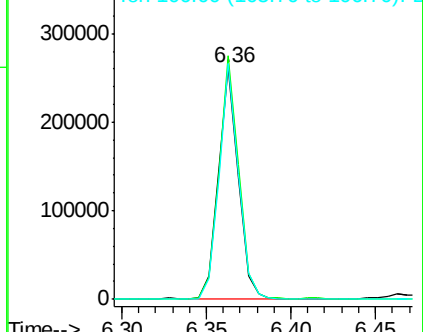
106 101.6 78.7 118.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.564 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

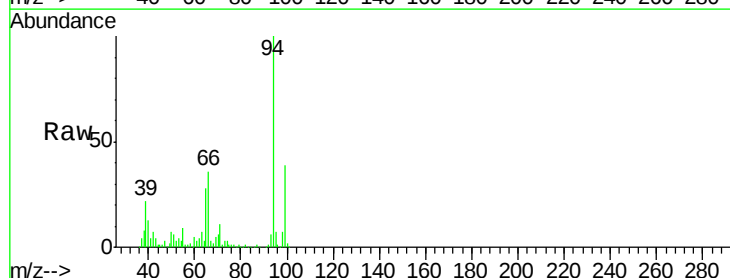
Tgt Ion: 94 Resp: 514865

Ion Ratio Lower Upper

94 100

65 27.6 6.6 46.6

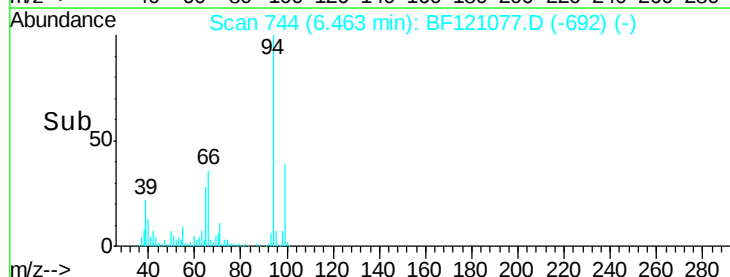
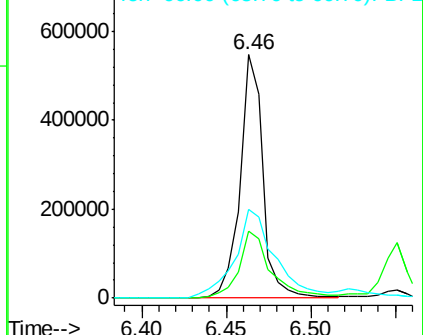
66 36.4 13.2 53.2

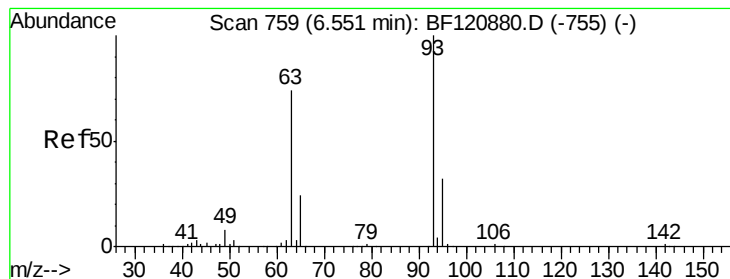


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 51.697 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

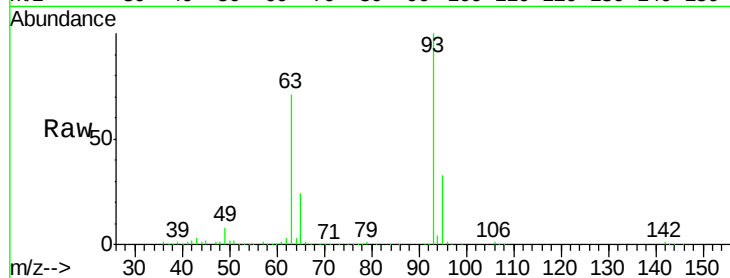
Tot Ion: 93 Resp: 543044

Ion Ratio Lower Upper

93 100

63 71.4 54.2 94.2

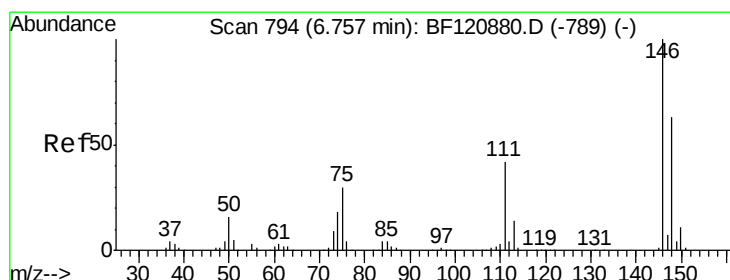
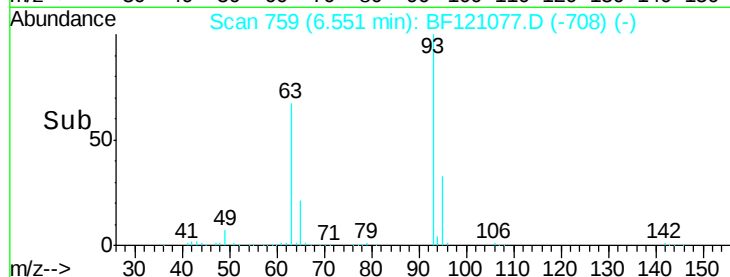
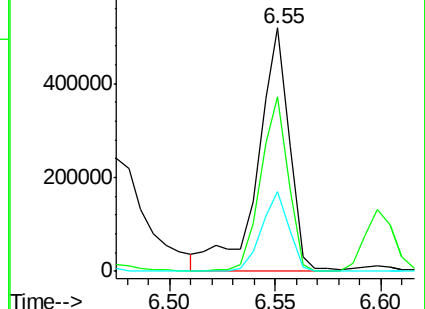
95 32.7 12.2 52.2



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 42.109 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

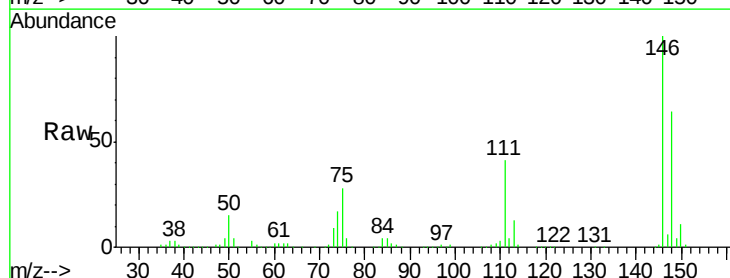
Tgt Ion: 146 Resp: 485198

Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

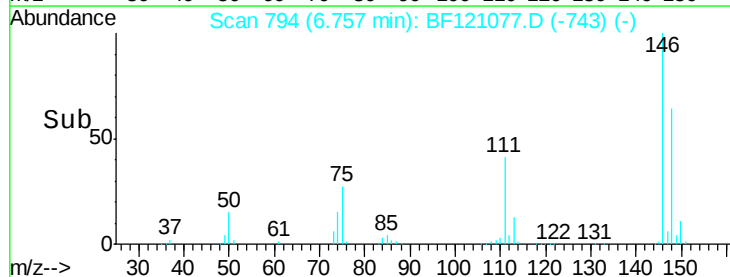
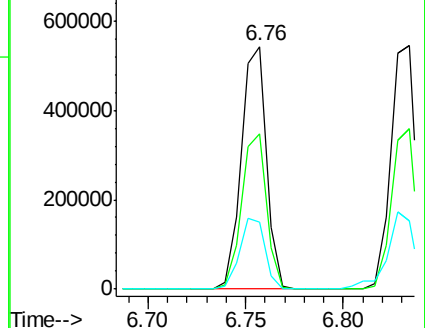
75 27.8 24.1 36.1

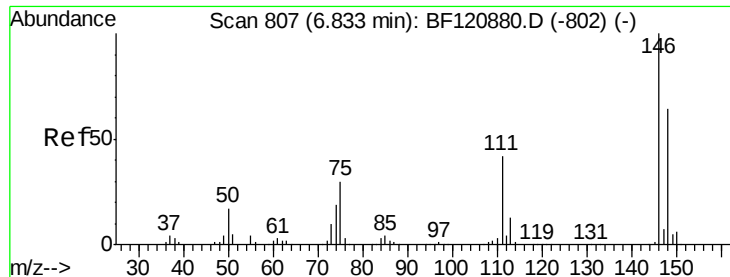


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

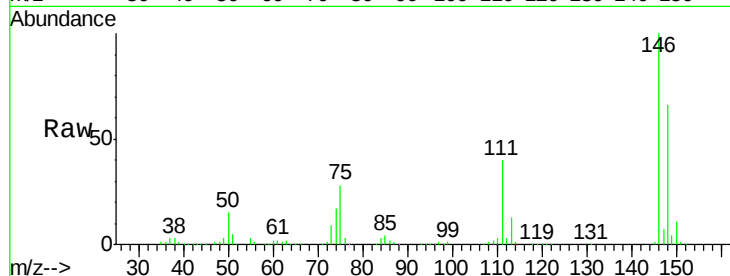




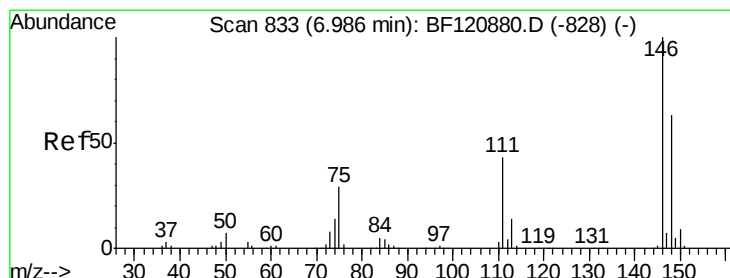
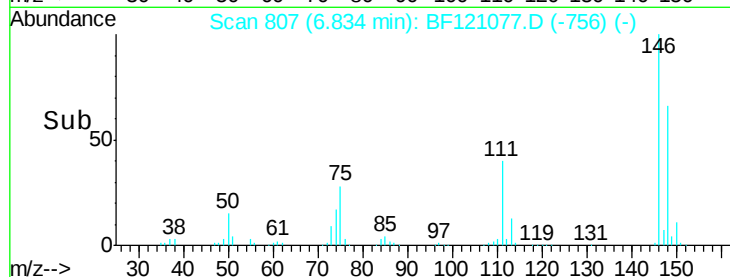
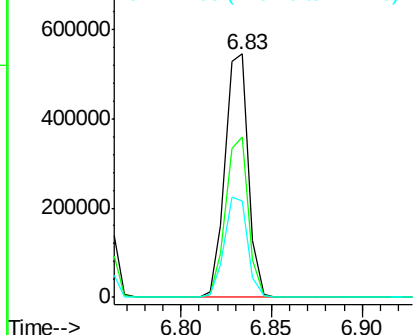
#13
 1,4-Dichlorobenzene
 Concen: 42.666 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.6	77.4
111	39.8	33.5	50.3

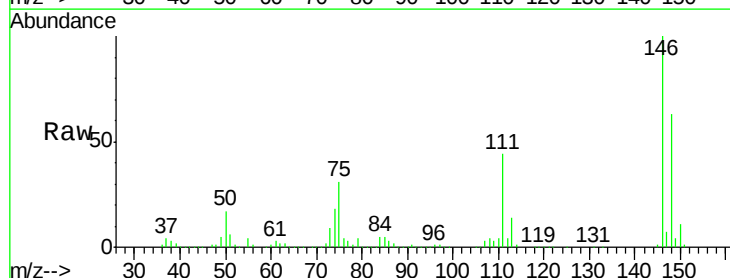


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

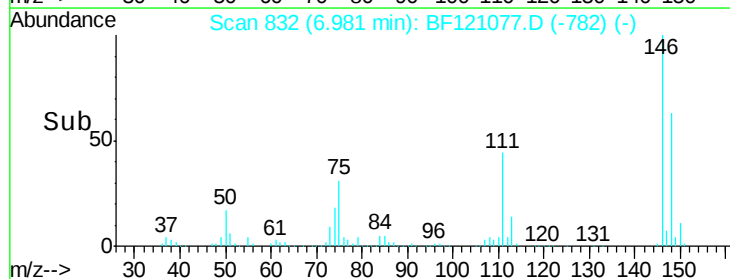
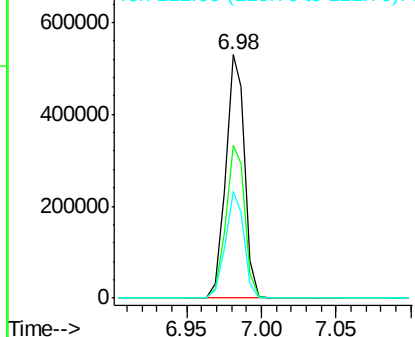


#14
 1,2-Dichlorobenzene
 Concen: 43.617 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.6	76.0
111	43.7	34.2	51.2



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: 43.382 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

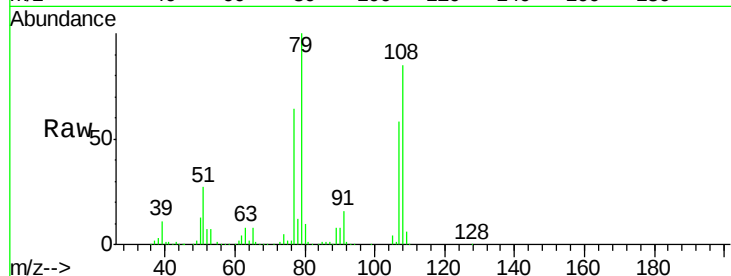
Tot Ion: 79 Resp: 382262

Ion Ratio Lower Upper

79 100

108 85.4 67.0 100.6

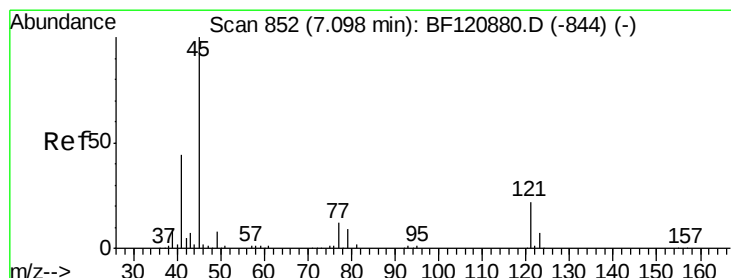
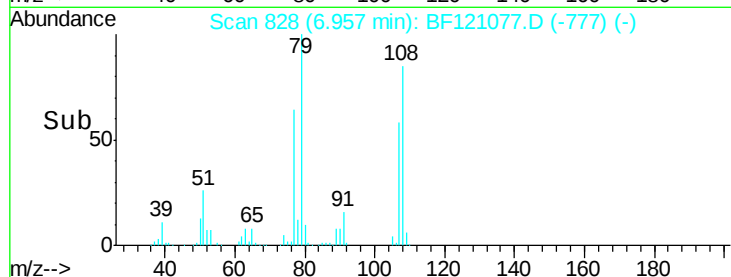
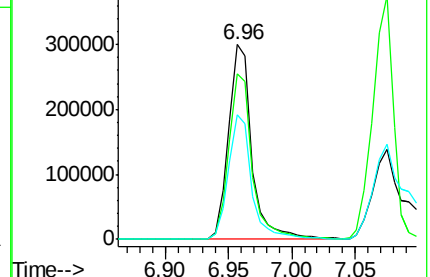
77 64.3 51.0 76.4



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: 41.442 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

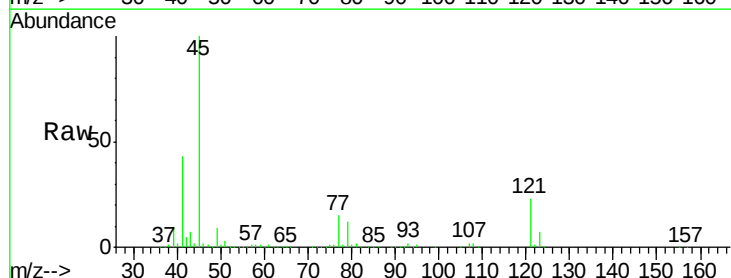
Tgt Ion: 45 Resp: 627457

Ion Ratio Lower Upper

45 100

77 15.2 0.0 34.3

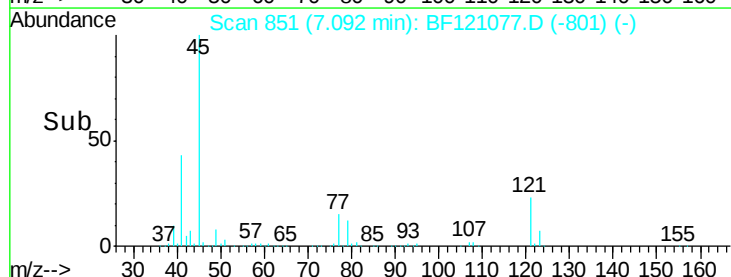
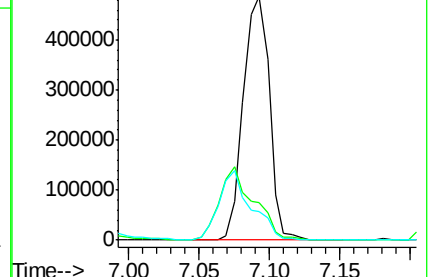
79 12.0 0.0 31.0

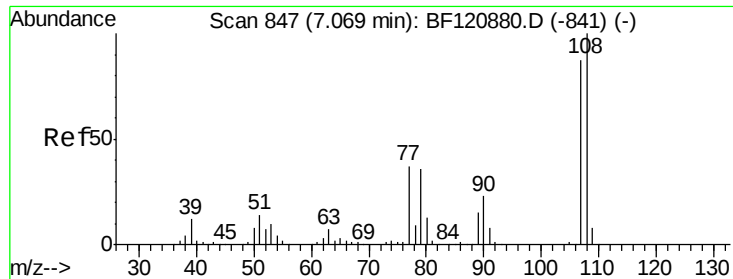


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

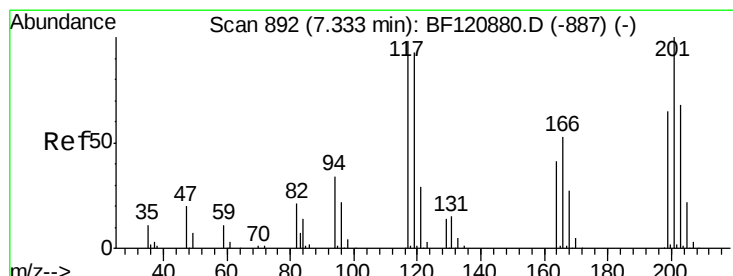
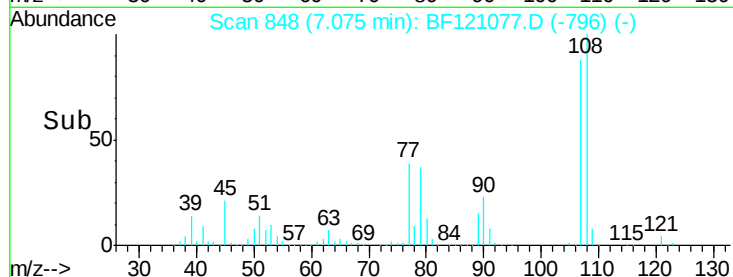
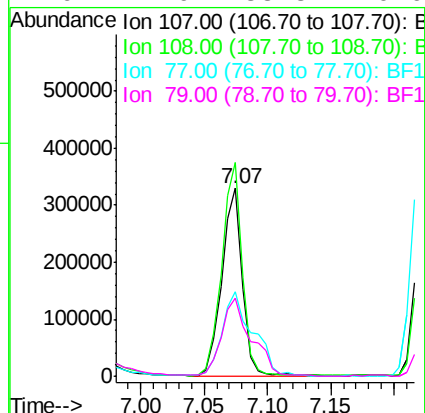
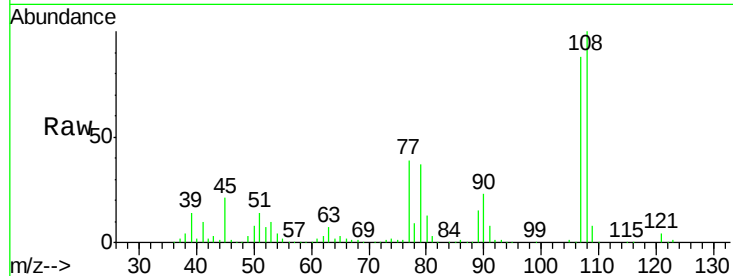




#17
2-Methylphenol
Concen: 39.110 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

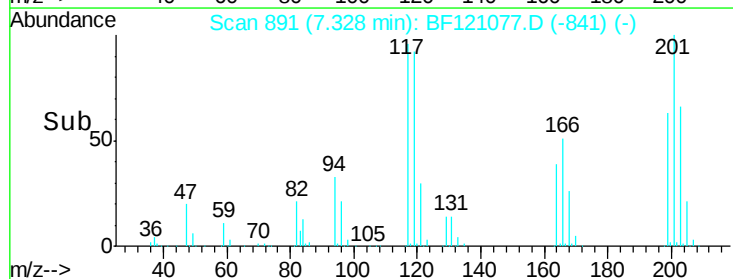
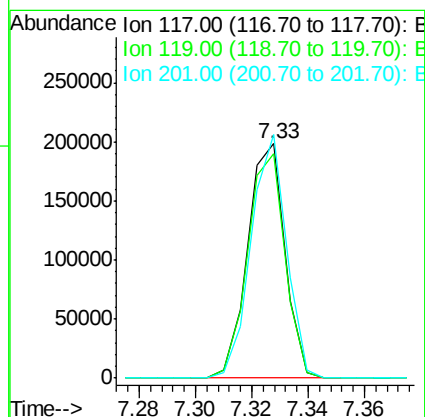
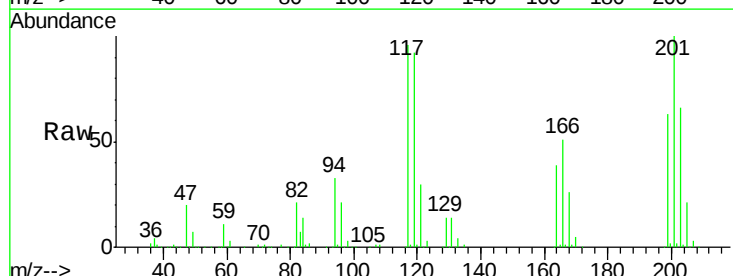
Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

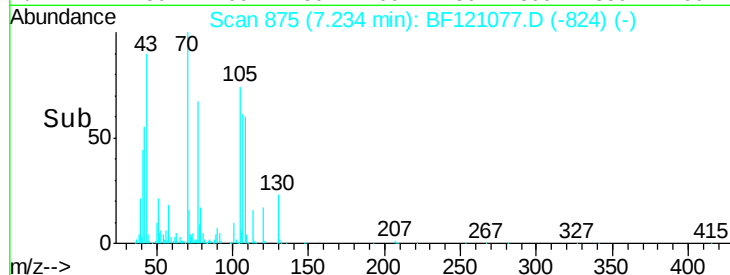
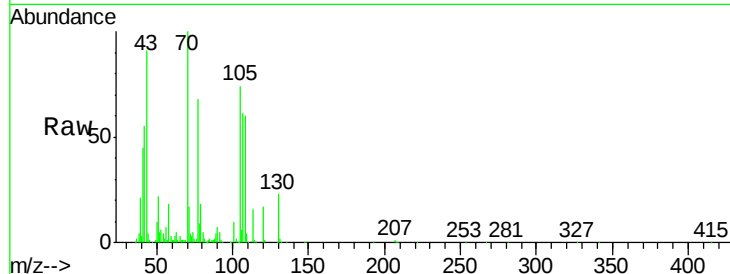
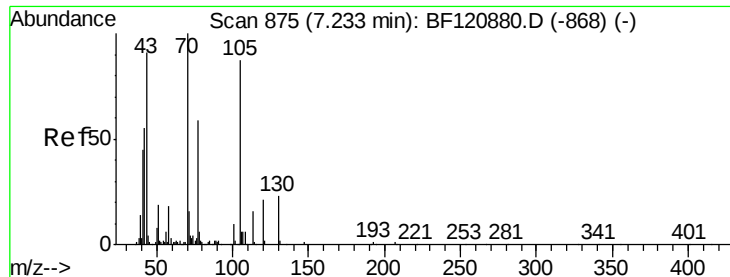
Tot Ion:	107	Resp:	368351
Ion	Ratio	Lower	Upper
107	100		
108	113.8	92.0	138.0
77	44.7	34.0	51.0
79	41.9	33.3	49.9



#18
Hexachloroethane
Concen: 43.718 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion:	117	Resp:	181297
Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.0	114.0
201	103.8	81.7	122.5

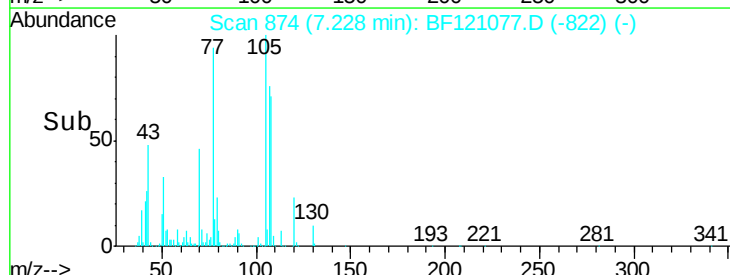
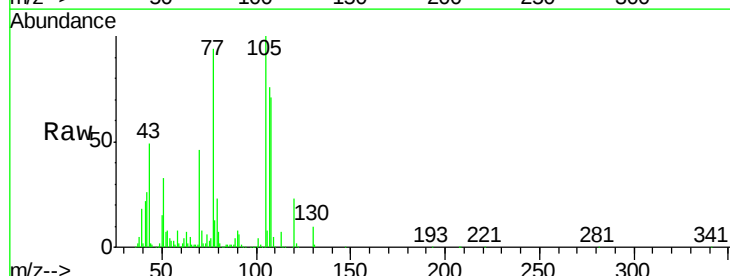
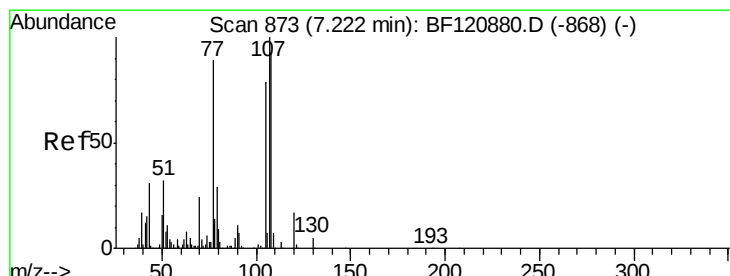
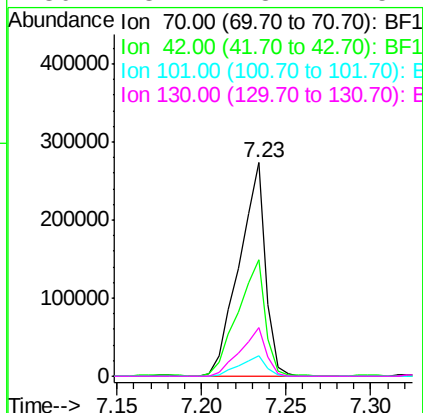




#19
n-Nitroso-di-n-propylamine
Concen: 41.884 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

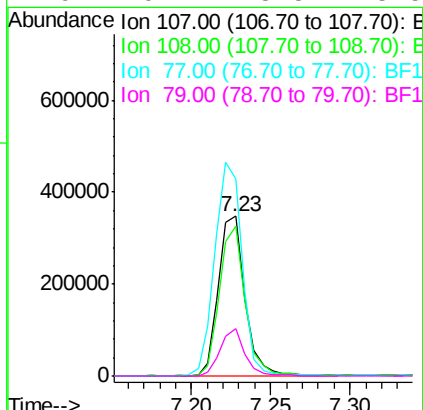
Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

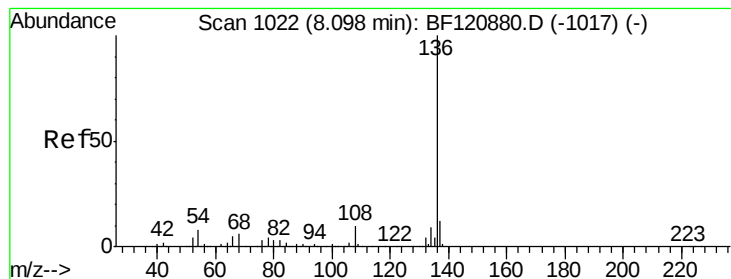
Tot Ion:	70	Resp:	296754
Ion	Ratio	Lower	Upper
70	100		
42	54.8	44.0	66.0
101	9.8	7.8	11.6
130	23.1	18.7	28.1



#20
3+4-Methylphenols
Concen: 33.597 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion:	107	Resp:	402528
Ion	Ratio	Lower	Upper
107	100		
108	93.5	72.8	112.8
77	123.5	68.7	108.7#
79	29.7	8.5	48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

Tot Ion:136 Resp: 611587

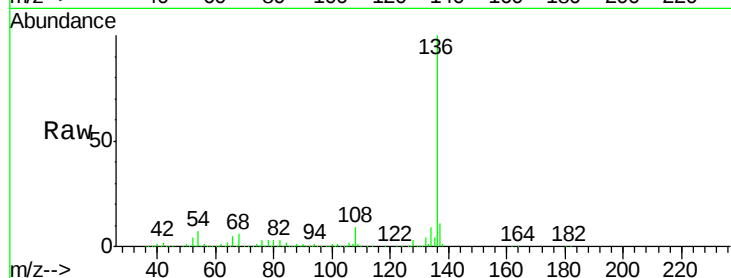
Ion Ratio Lower Upper

136 100

137 10.9 9.3 13.9

54 7.2 6.3 9.5

68 5.8 5.0 7.4

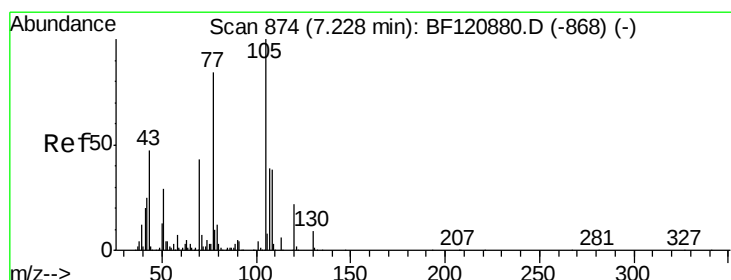
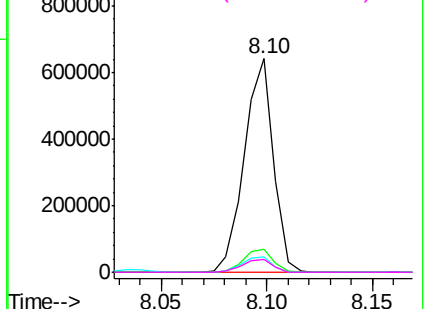
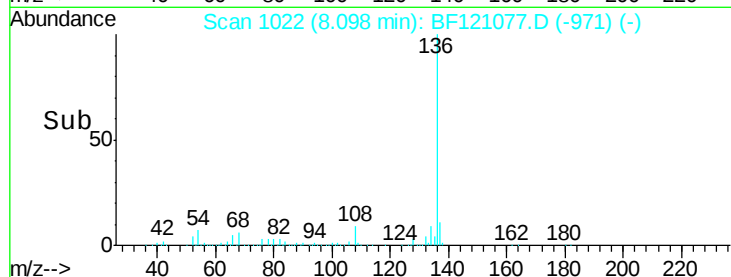


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.752 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Tgt Ion:105 Resp: 600534

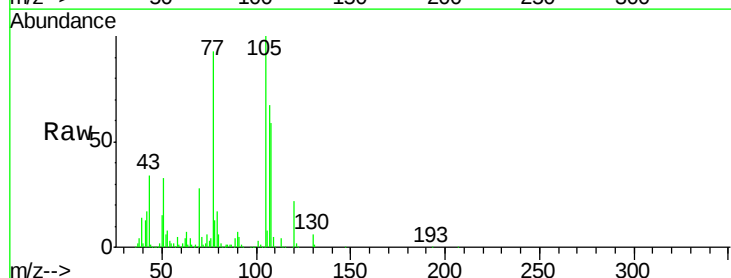
Ion Ratio Lower Upper

105 100

71 4.7 5.7 8.5#

51 32.6 22.9 34.3

120 22.2 18.0 27.0

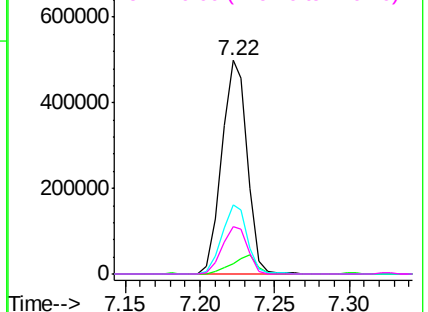
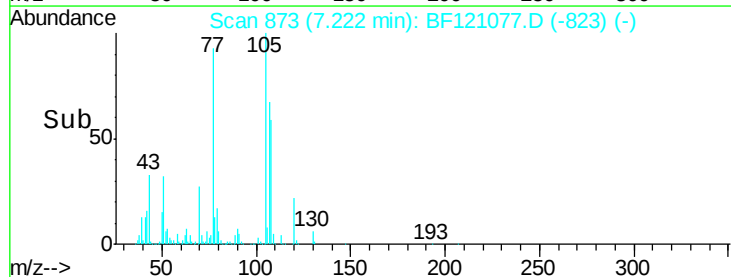


Abundance Ion 105.00 (104.70 to 105.70): E

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

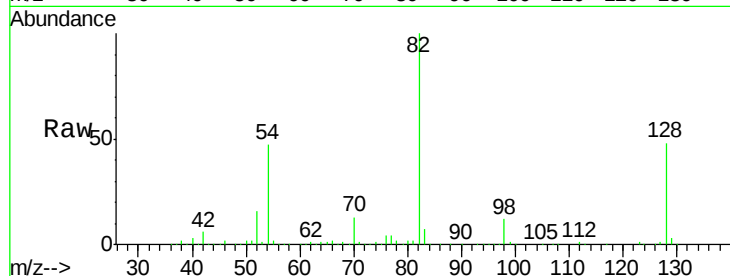




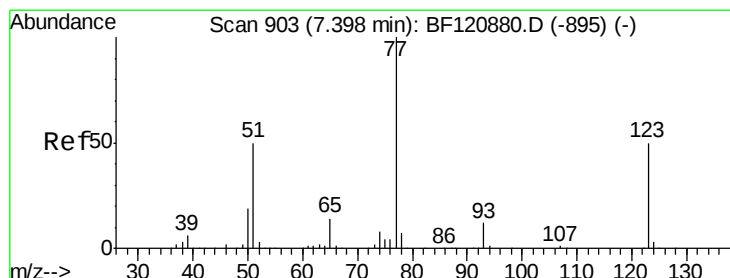
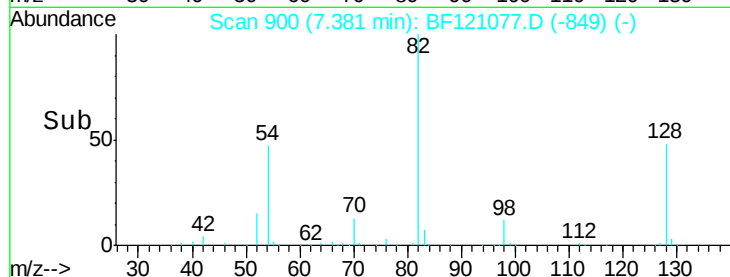
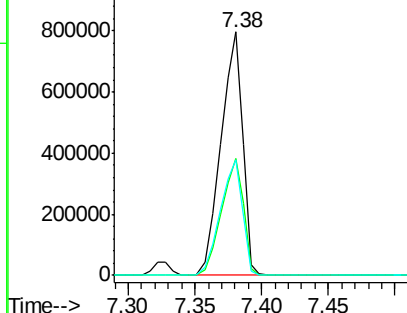
#23
 Nitrobenzene-d5
 Concen: 87.073 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMS

Tot Ion: 82 Resp: 920328
 Ion Ratio Lower Upper
 82 100
 128 48.2 38.2 57.4
 54 47.3 38.7 58.1

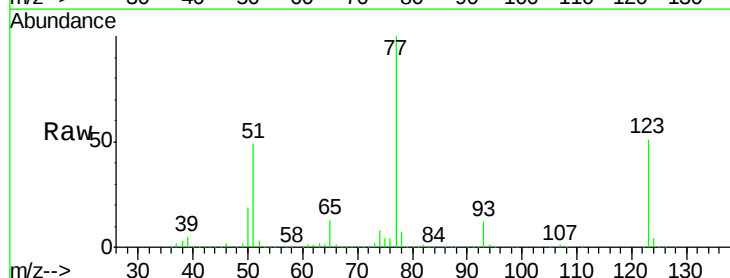


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

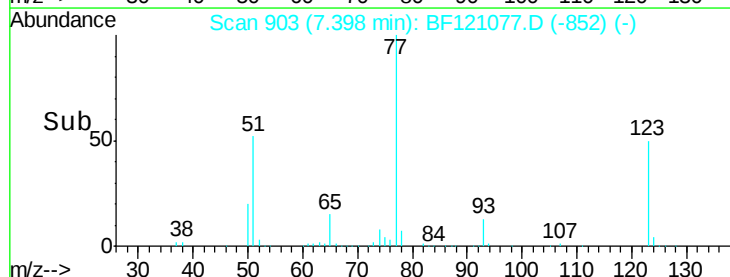
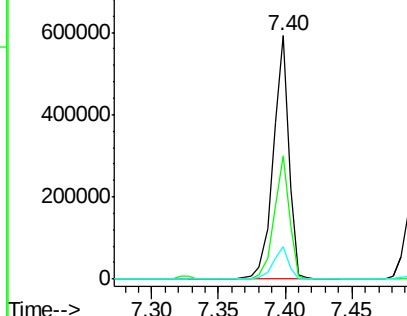


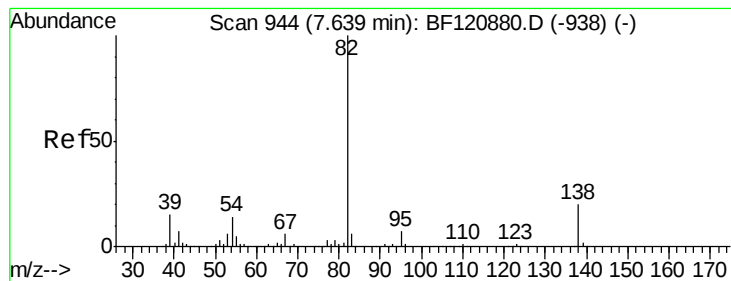
#24
 Nitrobenzene
 Concen: 42.448 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Tgt Ion: 77 Resp: 483566
 Ion Ratio Lower Upper
 77 100
 123 50.7 40.1 60.1
 65 13.3 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.054 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

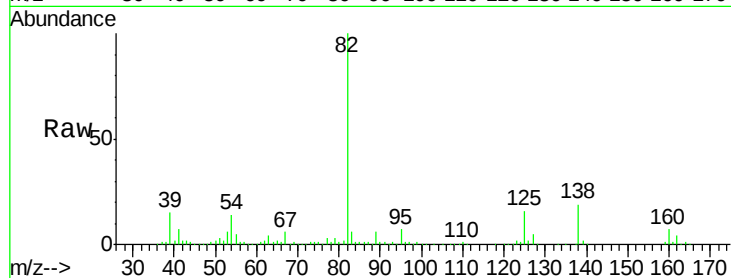
Tot Ion: 82 Resp: 866007

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

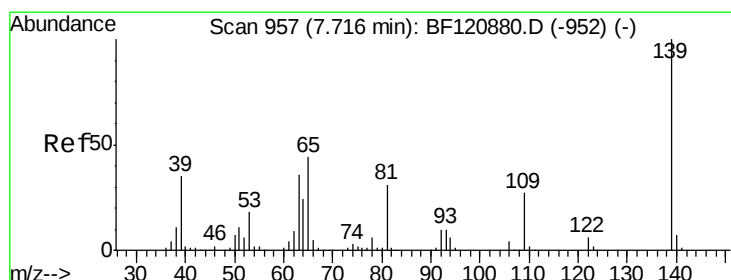
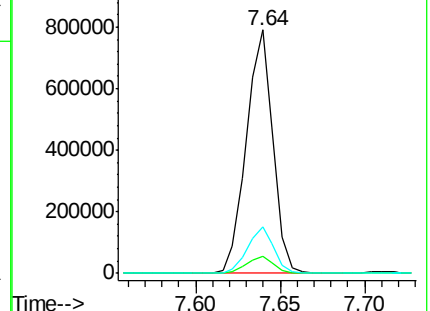
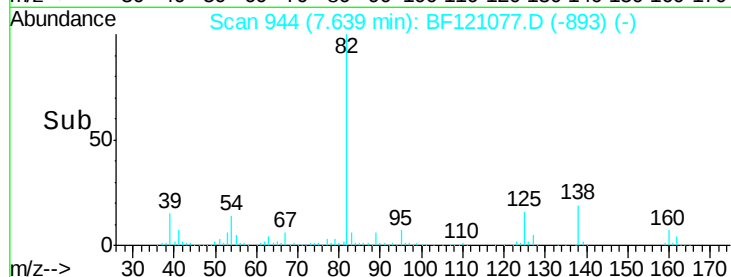
138 19.3 15.6 23.4



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: 47.392 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

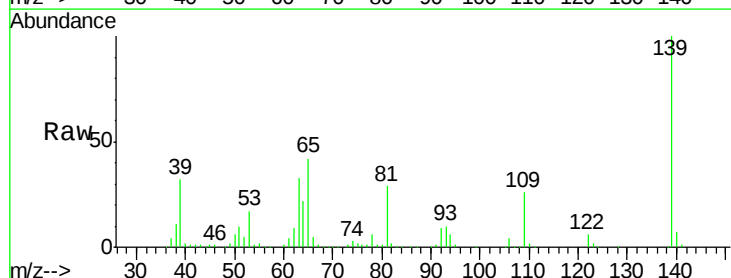
Tgt Ion: 139 Resp: 256410

Ion Ratio Lower Upper

139 100

109 25.9 21.6 32.4

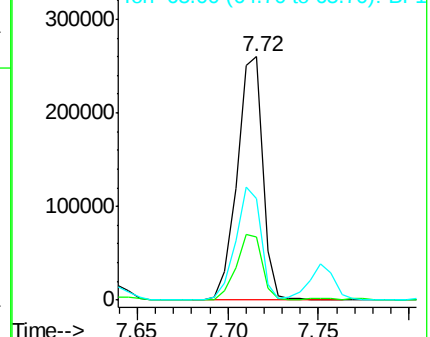
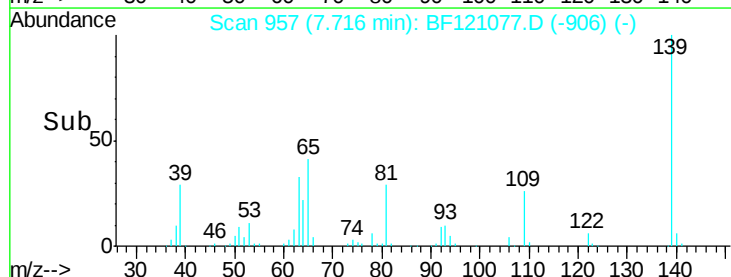
65 41.7 35.3 52.9

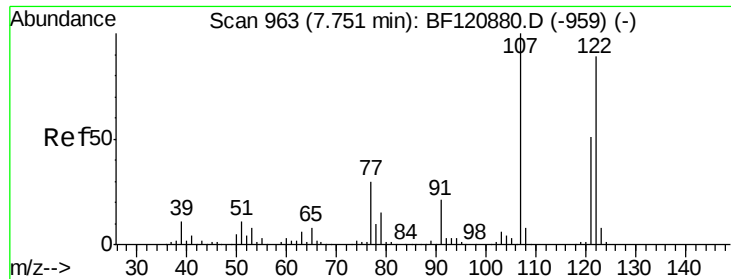


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

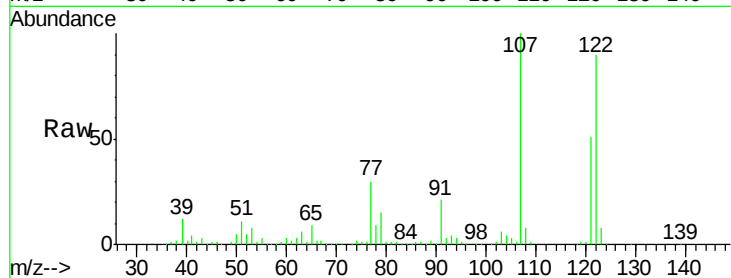




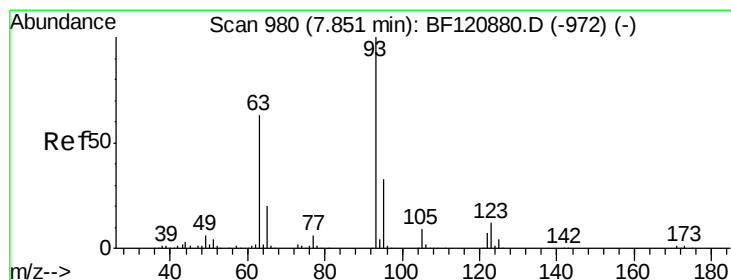
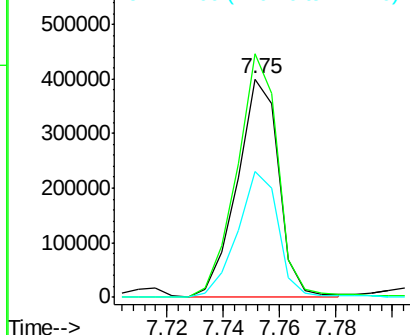
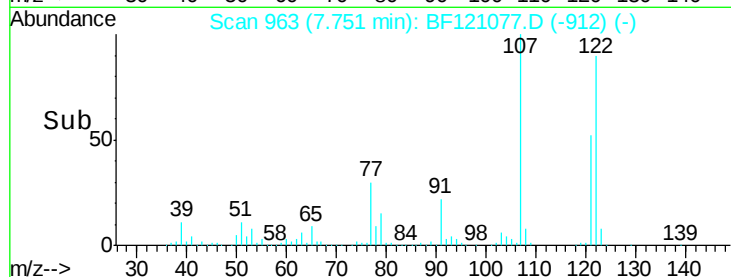
#27
 2,4-Dimethylphenol
 Concen: 46.648 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.6	89.4	134.0
121	57.5	46.0	69.0

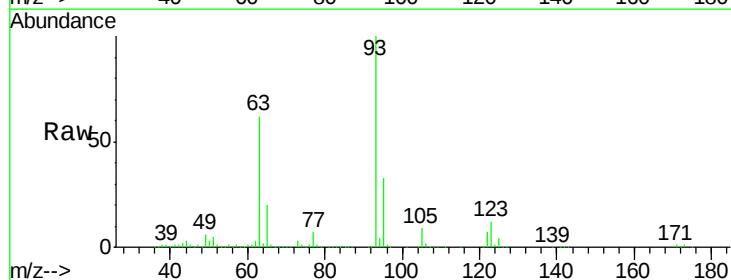


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

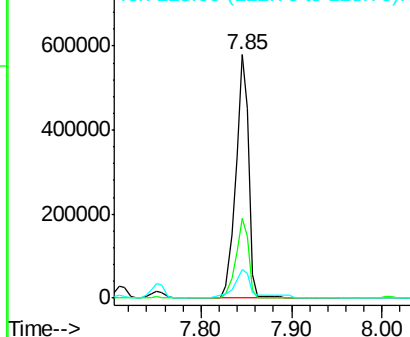
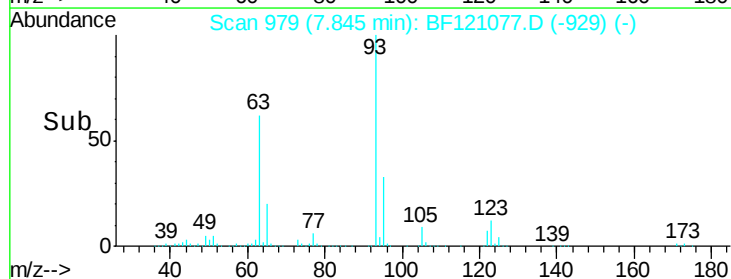


#28
 bis(2-Chloroethoxy)methane
 Concen: 44.631 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.6	39.8
123	11.7	10.0	15.0



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

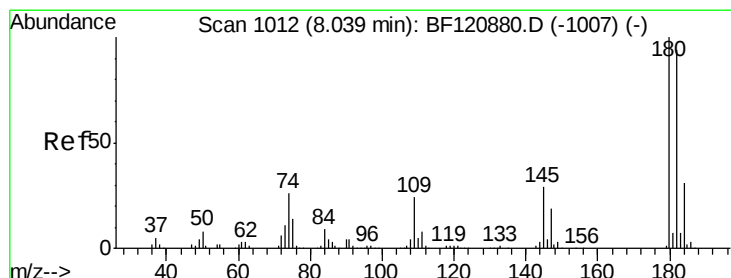
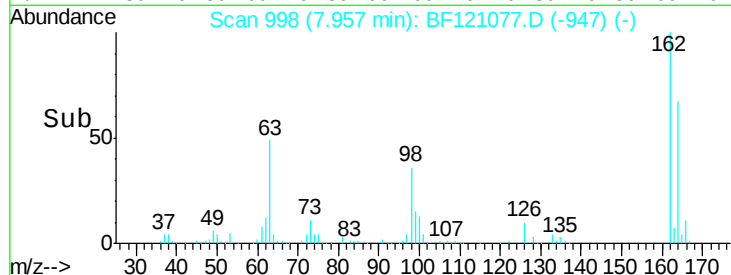
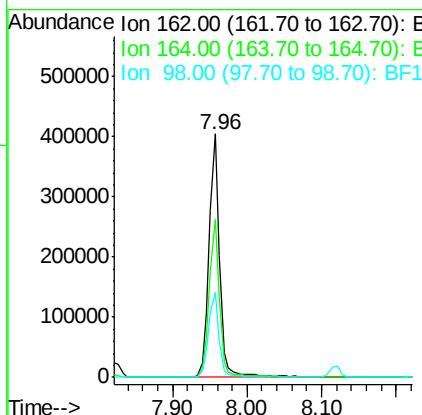
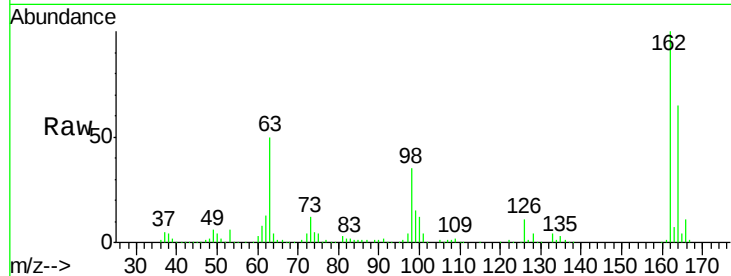




#29
 2,4-Dichlorophenol
 Concen: 44.851 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

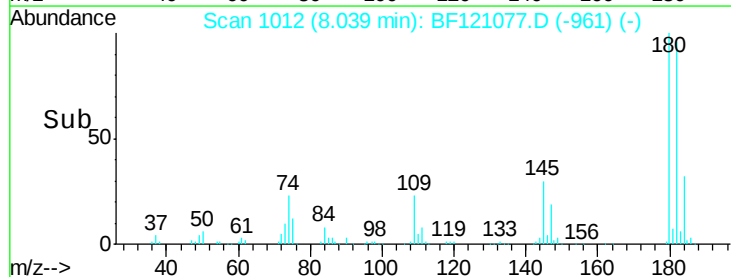
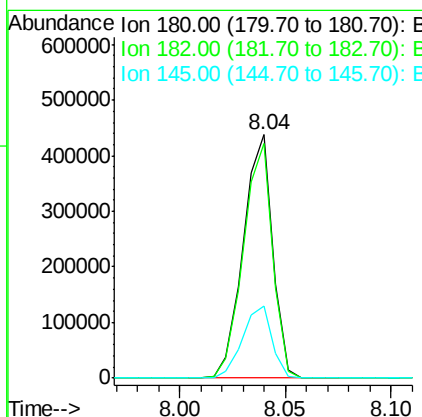
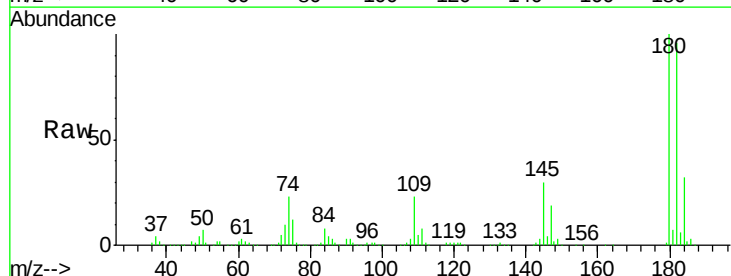
Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMS

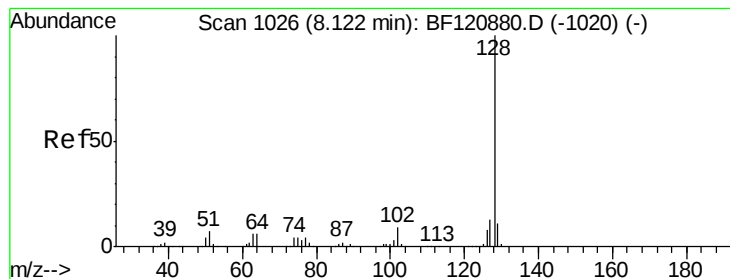
Tot Ion:162 Resp: 402594
 Ion Ratio Lower Upper
 162 100
 164 65.0 45.3 85.3
 98 35.1 13.3 53.3



#30
 1,2,4-Trichlorobenzene
 Concen: 42.496 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Tgt Ion:180 Resp: 423213
 Ion Ratio Lower Upper
 180 100
 182 96.2 75.0 112.6
 145 29.8 23.5 35.3





#31

Naphthalene

Concen: 42.200 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

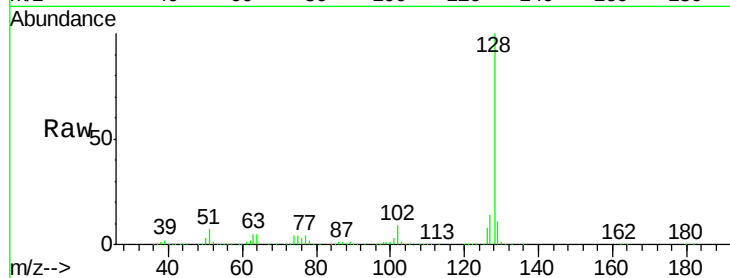
Tot Ion:128 Resp: 1323879

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

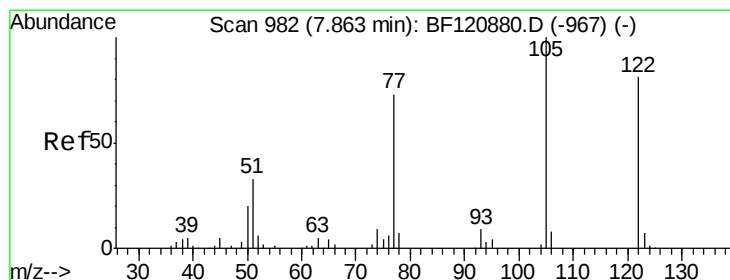
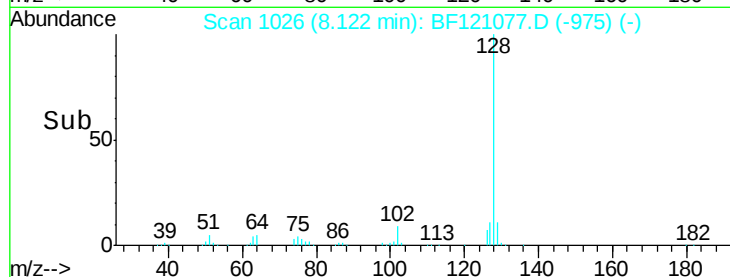
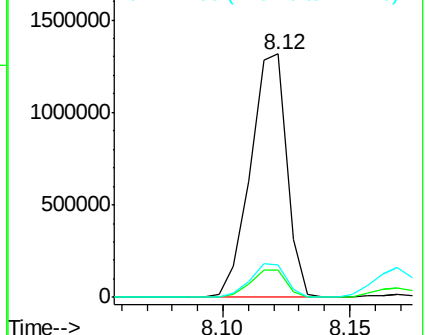
127 13.6 10.7 16.1



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



#32

Benzoic acid

Concen: 51.760 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.02 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

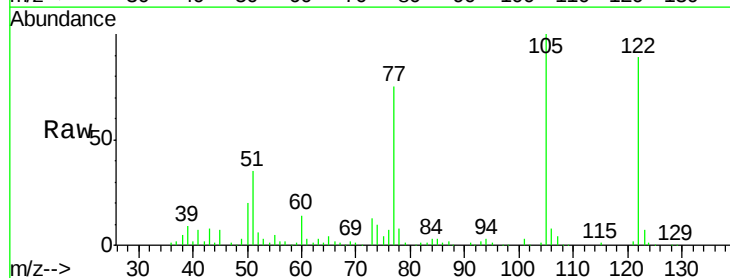
Tgt Ion:122 Resp: 341314

Ion Ratio Lower Upper

122 100

105 112.8 101.3 141.3

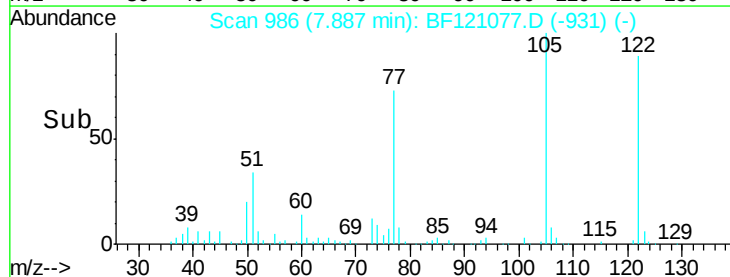
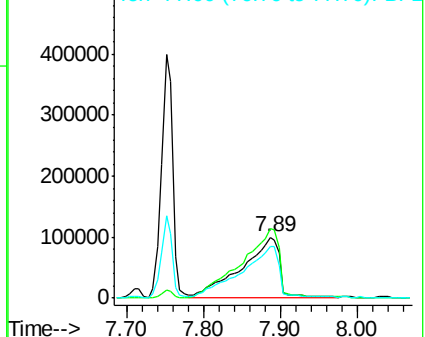
77 84.9 69.1 109.1

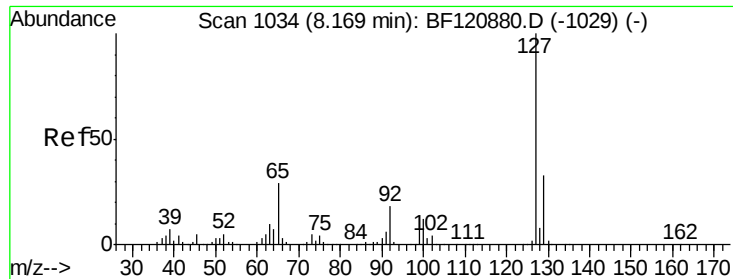


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

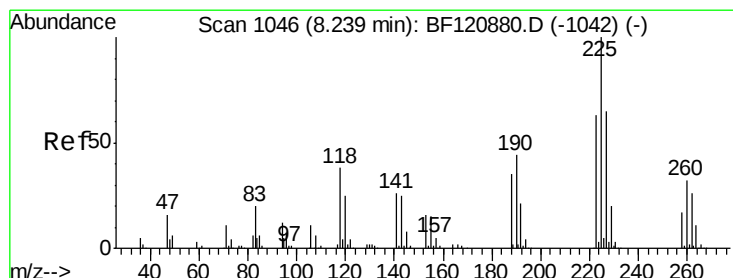
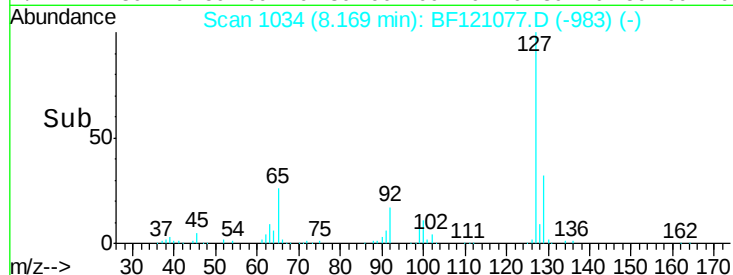
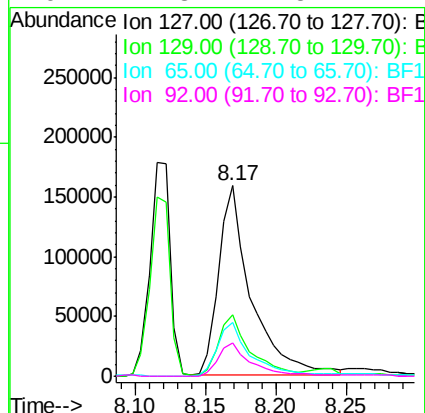
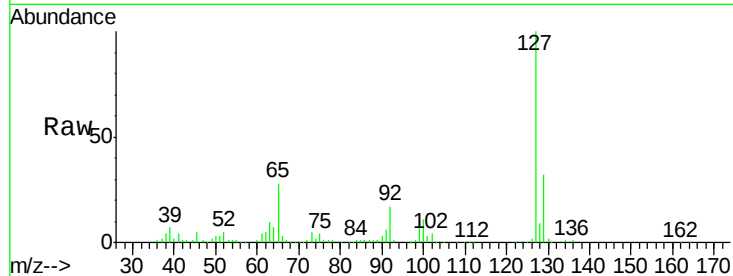




#33
4-Chloroaniline
Concen: 18.352 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

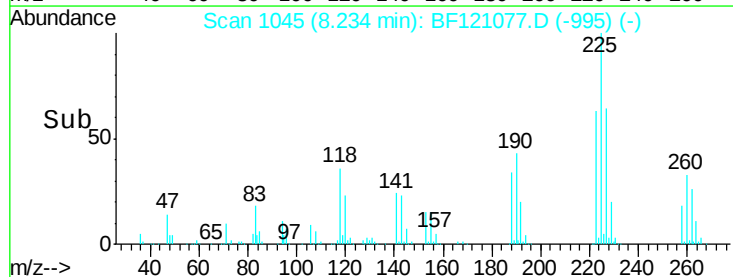
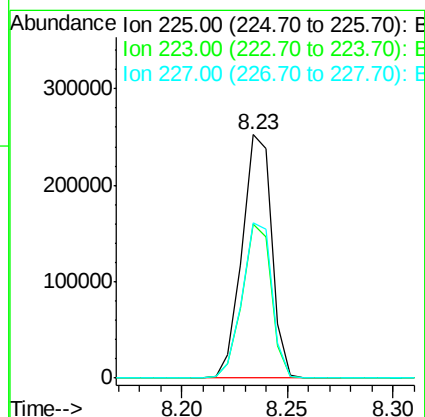
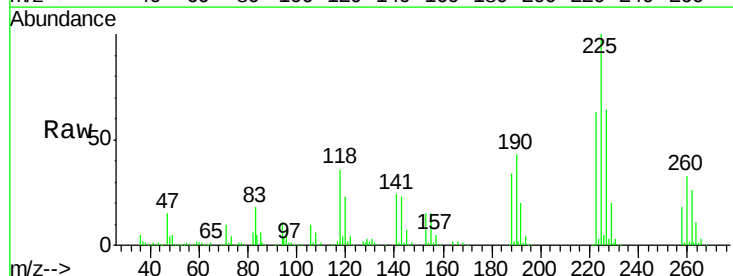
Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

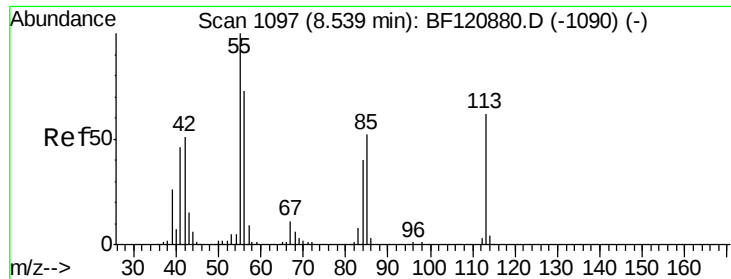
Tot Ion:	127	Resp:	256824
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.5	39.7
65	27.9	23.0	34.4
92	17.3	14.5	21.7



#34
Hexachlorobutadiene
Concen: 41.644 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion:	225	Resp:	244484
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	63.7	52.2	78.2





#35

Caprolactam

Concen: 34.465 ng

RT: 8.56 min Scan# 1101

Delta R.T. 0.02 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

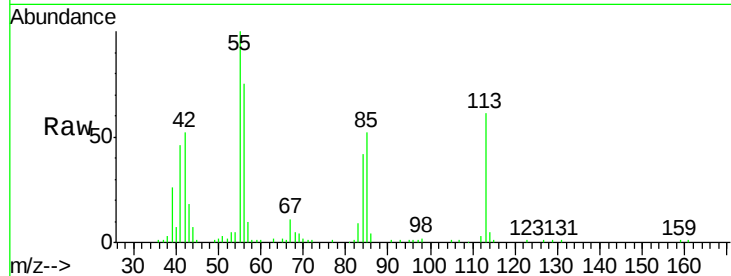
Tot Ion:113 Resp: 99208

Ion Ratio Lower Upper

113 100

55 164.5 143.3 183.3

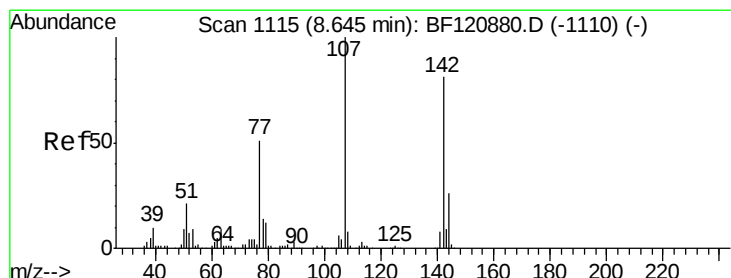
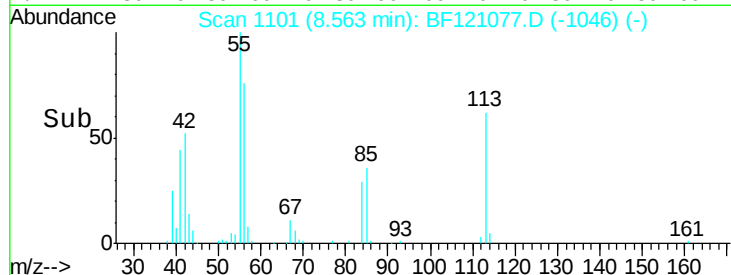
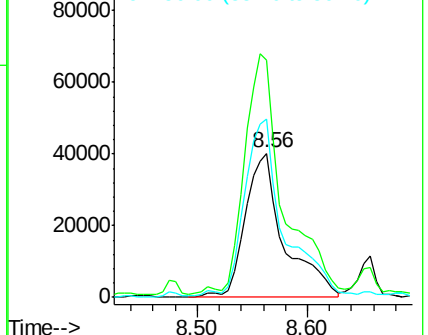
56 123.3 99.4 139.4



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: 45.412 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

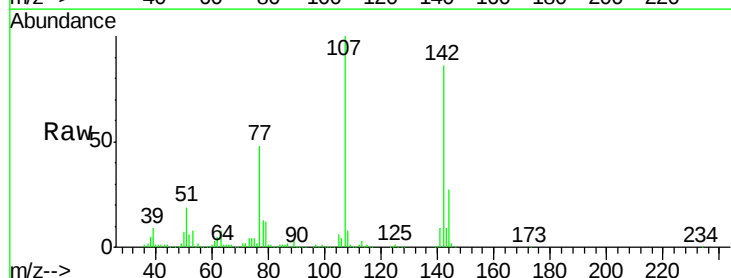
Tgt Ion:107 Resp: 418061

Ion Ratio Lower Upper

107 100

144 27.5 21.0 31.6

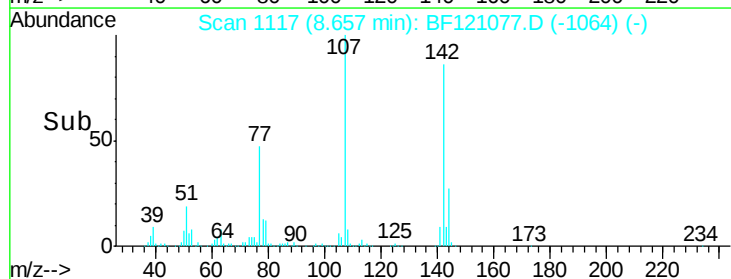
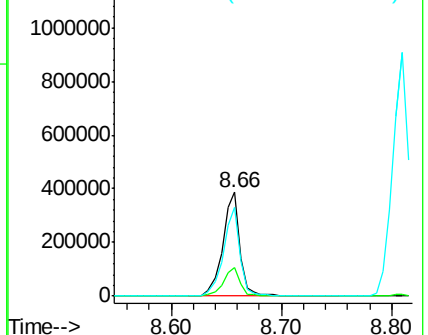
142 85.6 65.0 97.6

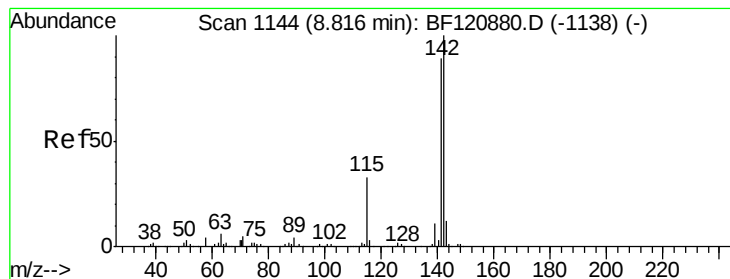


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.861 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

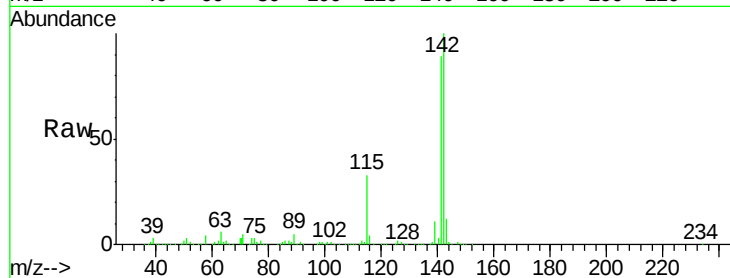
Tot Ion:142 Resp: 913795

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.4

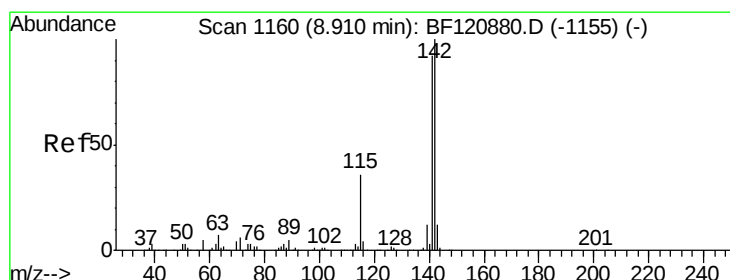
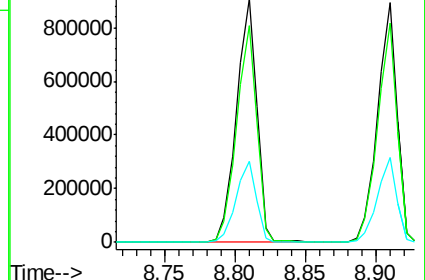
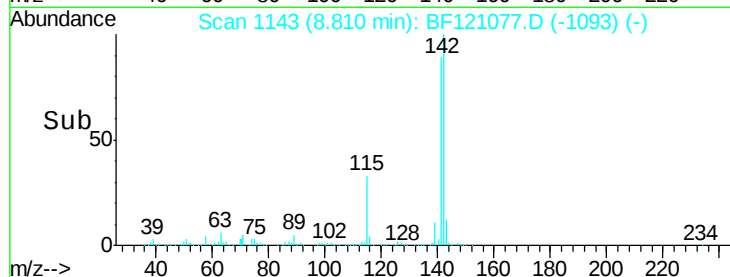
115 33.3 26.0 39.0



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: 44.318 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

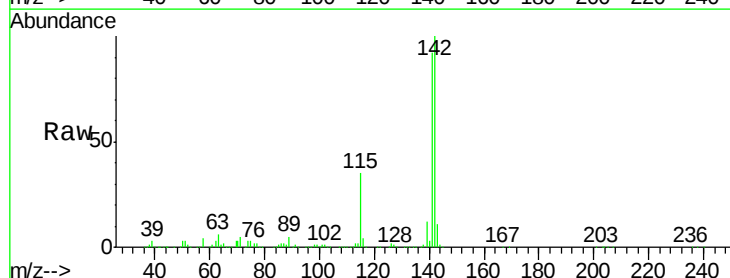
Tgt Ion:142 Resp: 854979

Ion Ratio Lower Upper

142 100

141 91.5 73.7 110.5

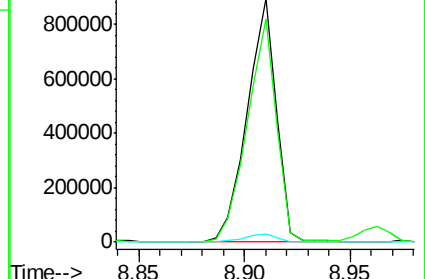
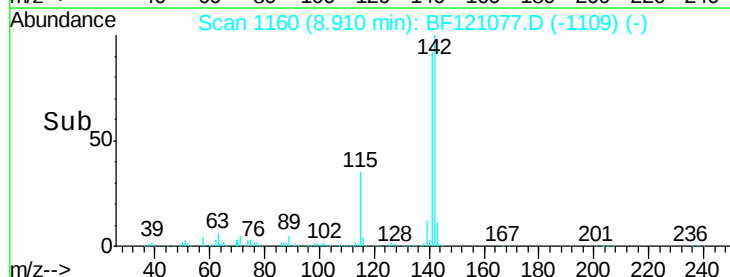
116 3.6 3.0 4.6

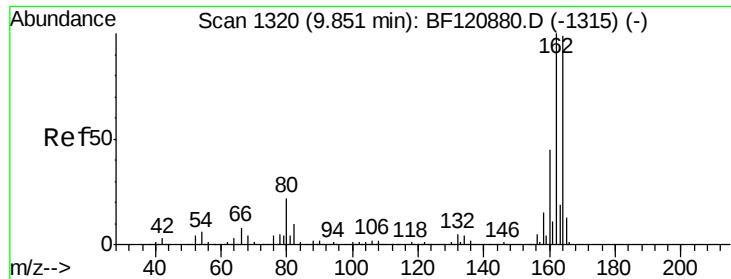


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

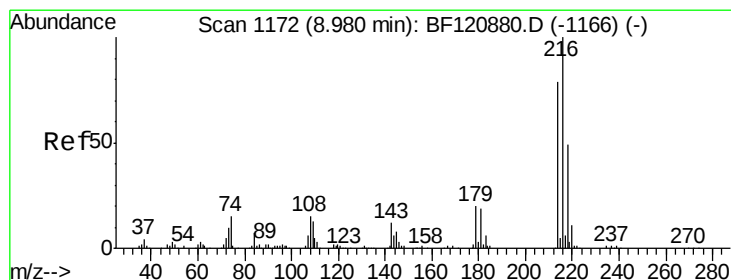
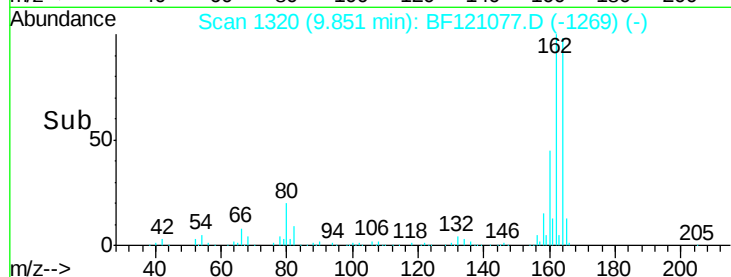
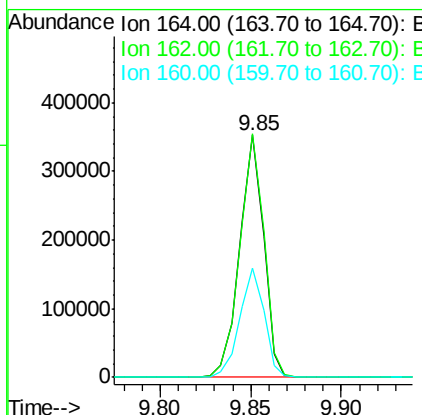
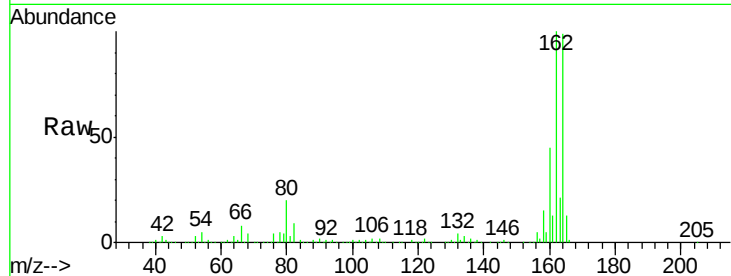




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

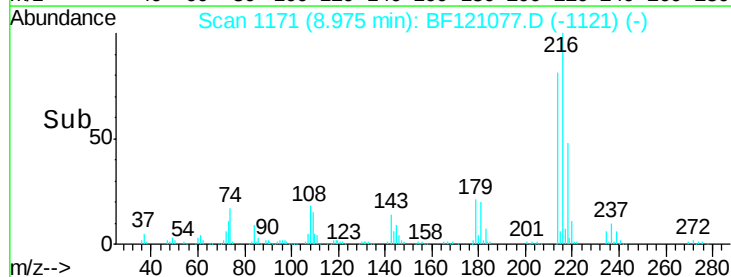
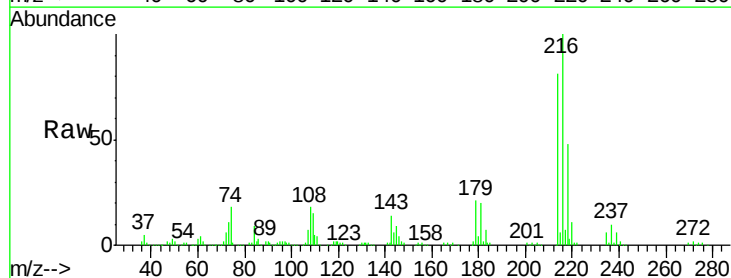
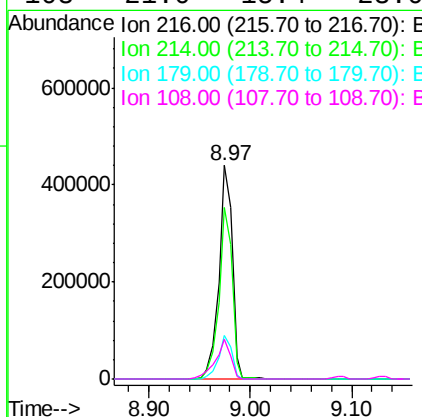
Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

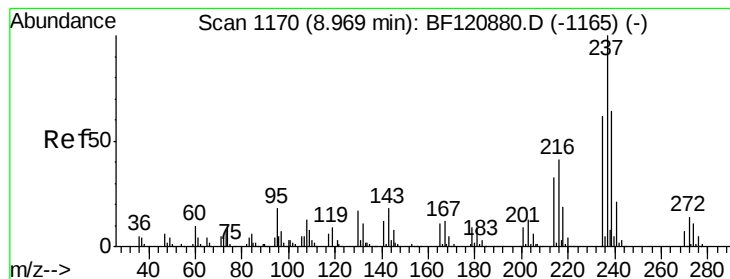
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.2	121.8
160	44.9	36.9	55.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.248 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.8
179	20.4	16.6	24.8
108	21.0	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 82.349 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

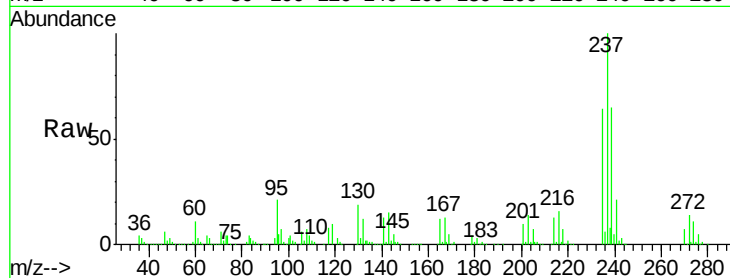
Tot Ion:237 Resp: 434286

Ion Ratio Lower Upper

237 100

235 64.3 41.6 81.6

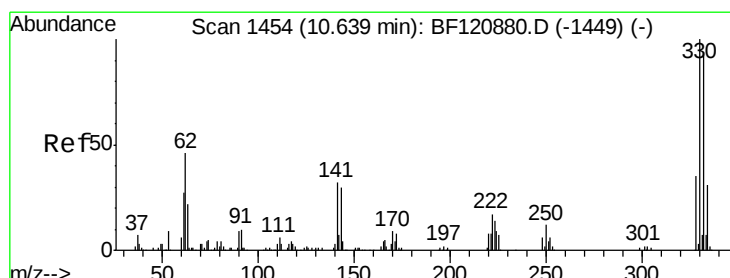
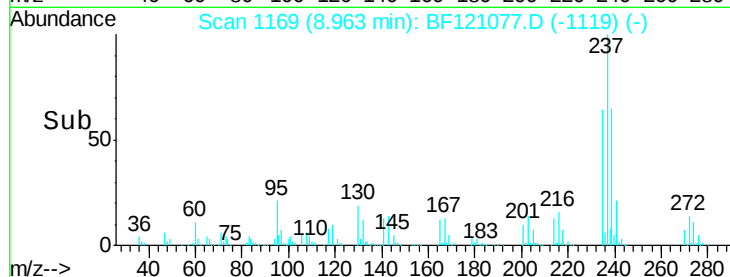
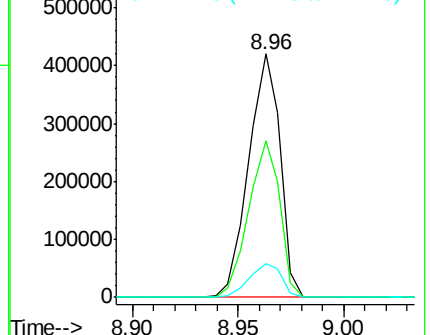
272 13.9 0.0 33.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 127.354 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

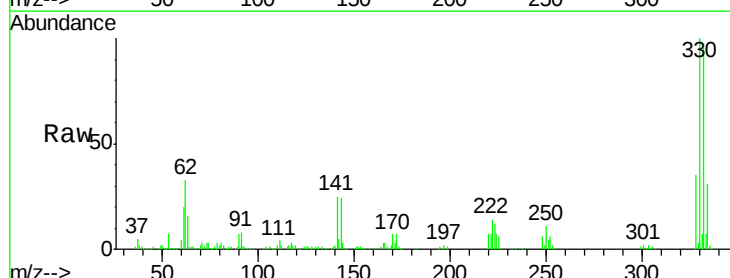
Tgt Ion:330 Resp: 456550

Ion Ratio Lower Upper

330 100

332 95.3 75.5 113.3

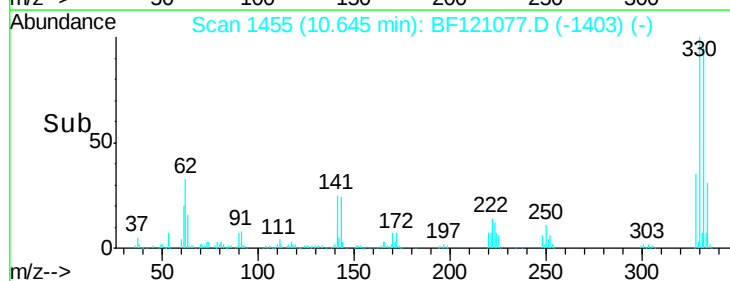
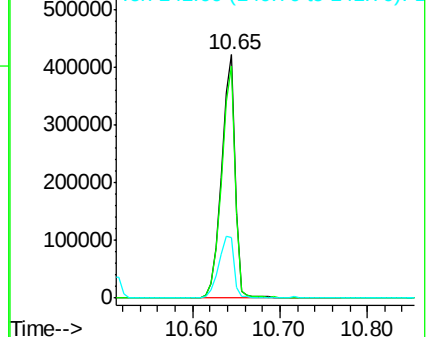
141 29.1 25.7 38.5

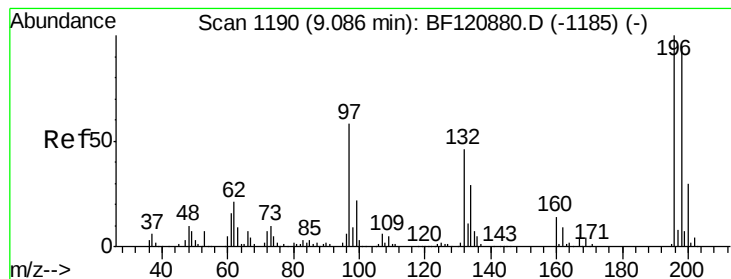


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 44.150 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

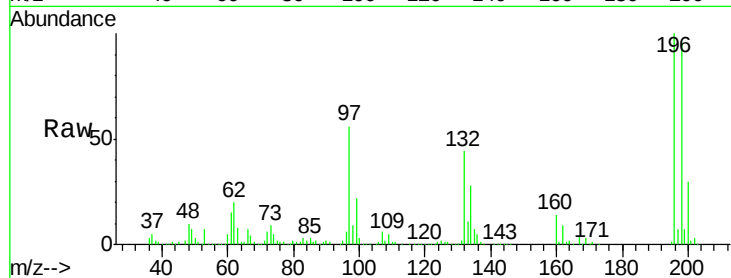
Tot Ion:196 Resp: 296623

Ion Ratio Lower Upper

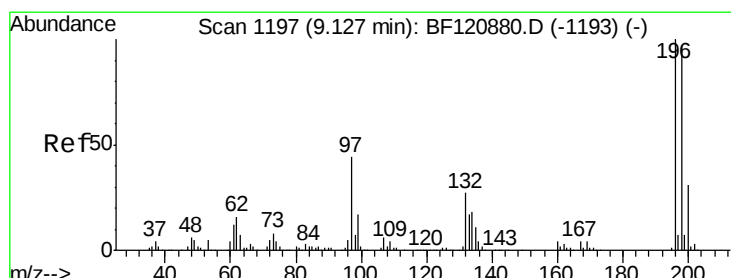
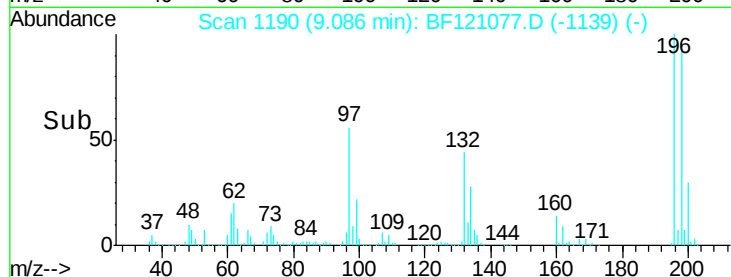
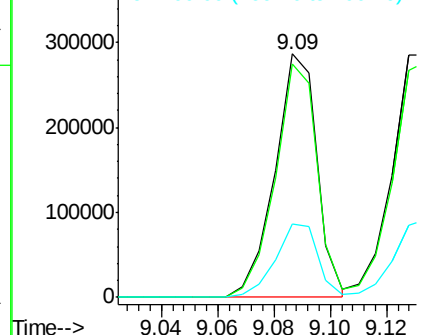
196 100

198 95.8 75.7 113.5

200 30.3 24.4 36.6



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



#44

2,4,5-Trichlorophenol

Concen: 43.066 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Tgt Ion:196 Resp: 328204

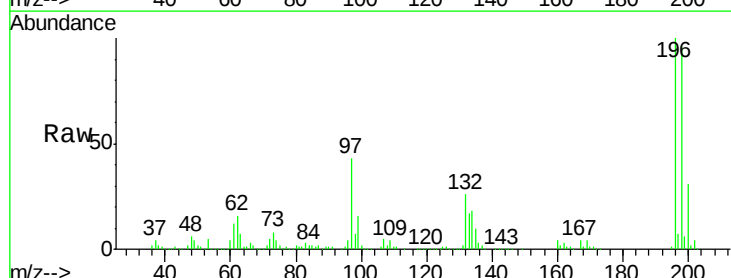
Ion Ratio Lower Upper

196 100

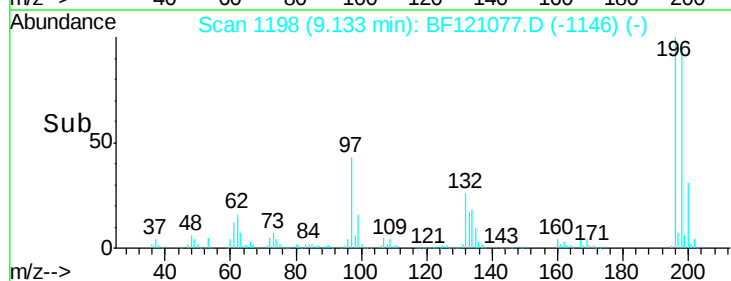
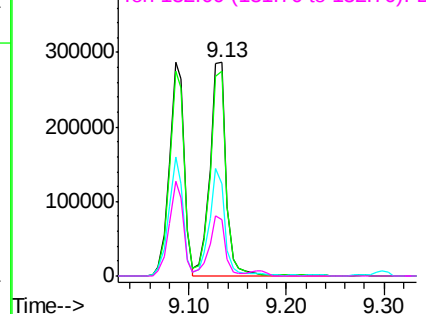
198 96.0 77.6 116.4

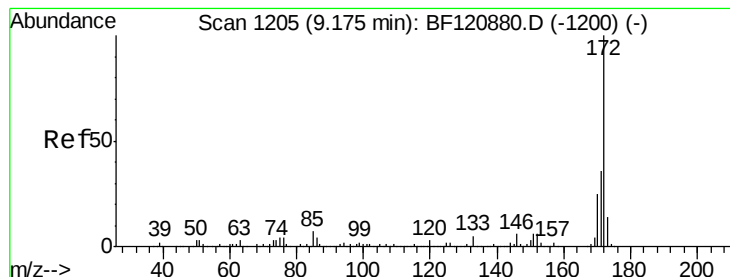
97 43.2 35.6 53.4

132 26.1 21.5 32.3



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





#45

2-Fluorobiphenyl

Concen: 75.799 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

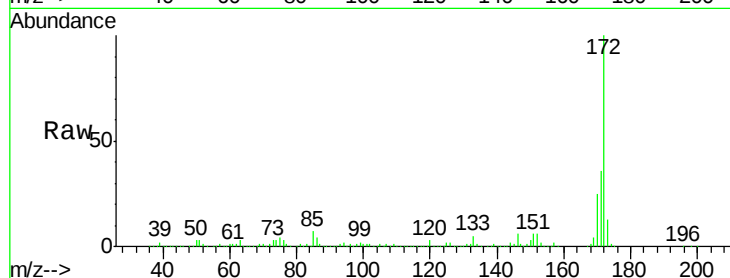
Tot Ion:172 Resp: 1662692

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.4

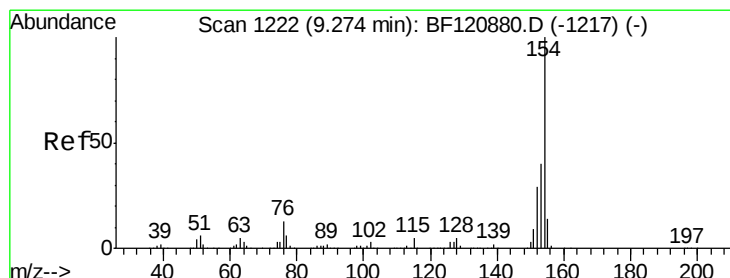
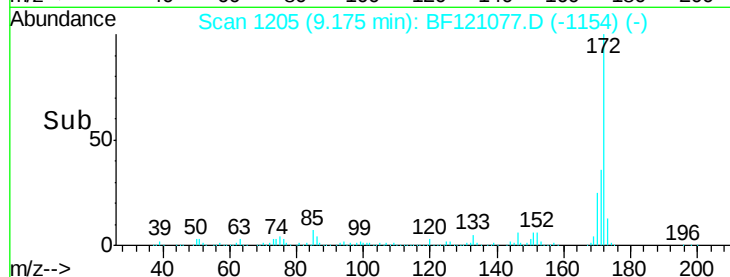
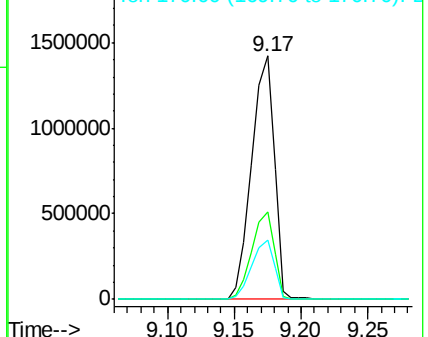
170 24.5 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 44.904 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

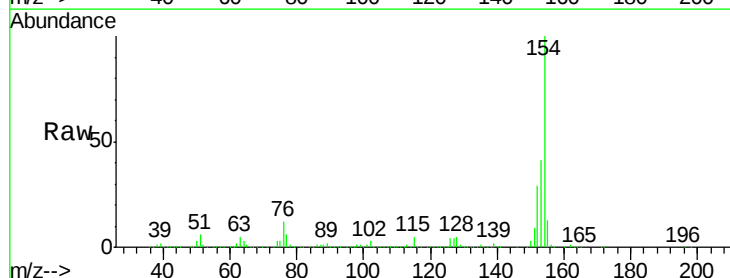
Tgt Ion:154 Resp: 1121795

Ion Ratio Lower Upper

154 100

153 40.8 20.4 60.4

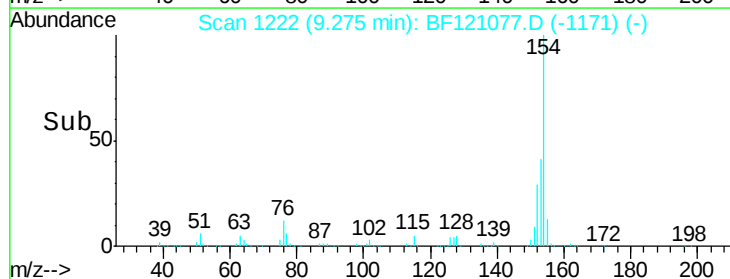
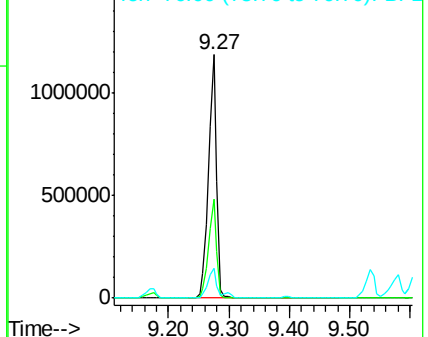
76 12.4 0.0 33.1

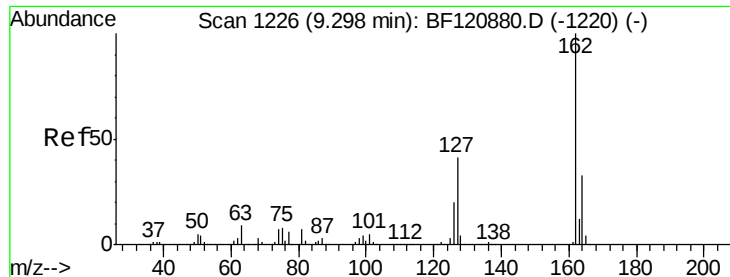


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

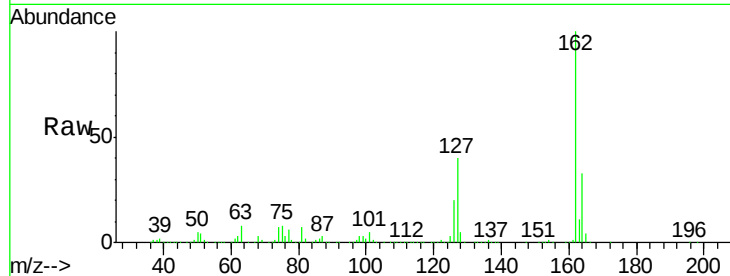




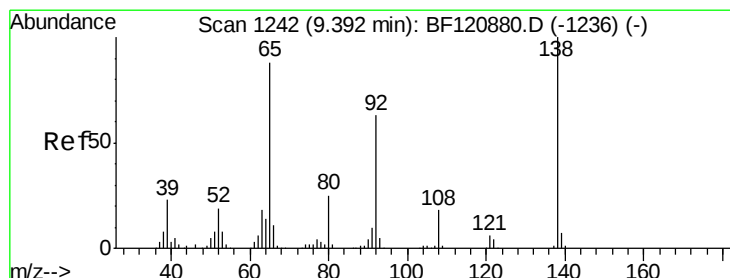
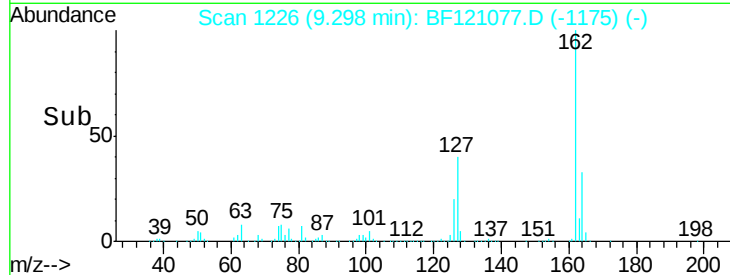
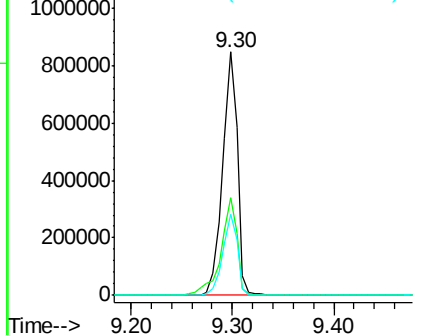
#47
 2-Chloronaphthalene
 Concen: 42.064 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	33.3	49.9
164	33.5	26.6	39.8

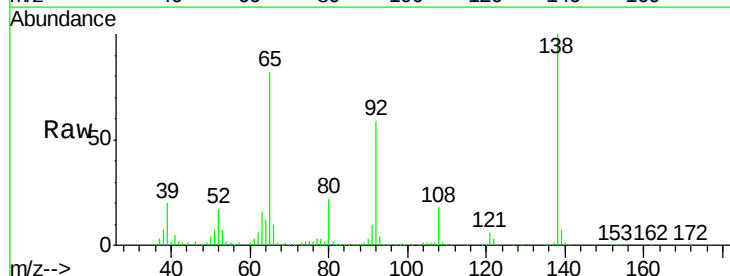


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

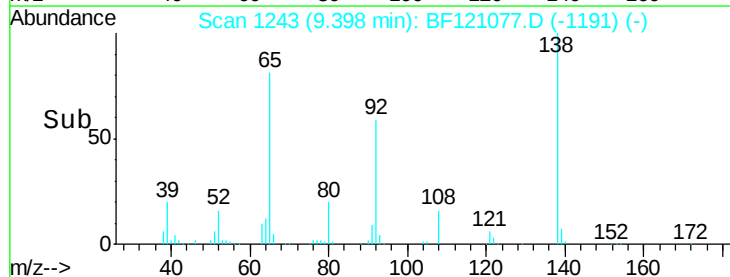
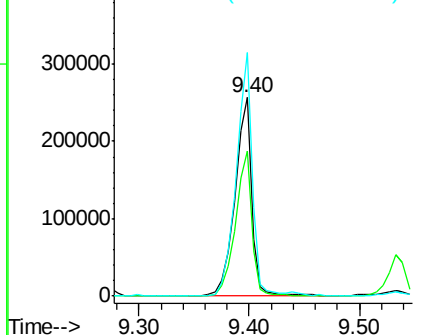


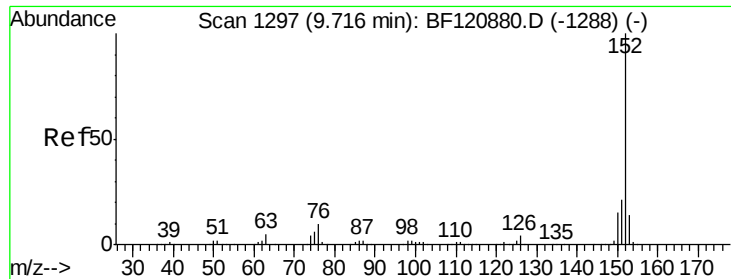
#48
 2-Nitroaniline
 Concen: 44.773 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.8	57.0	85.4
138	122.6	90.4	135.6



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





#49

Acenaphthylene

Concen: 43.408 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

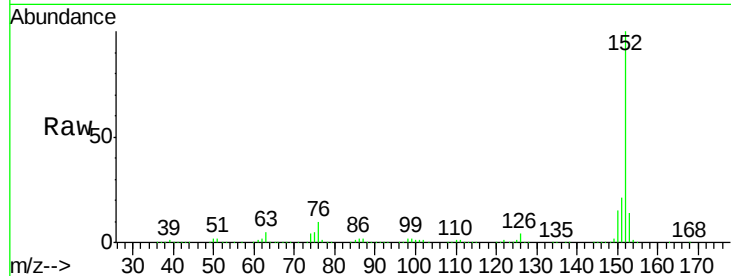
Tot Ion:152 Resp: 1373518

Ion Ratio Lower Upper

152 100

151 20.9 16.6 25.0

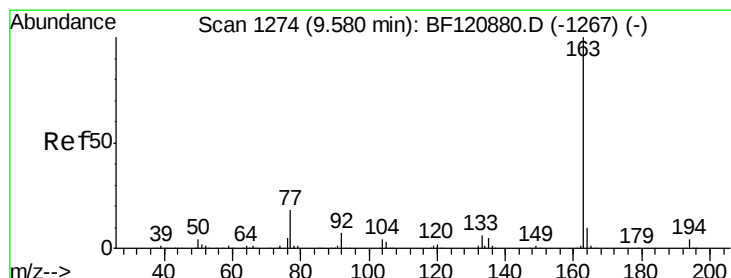
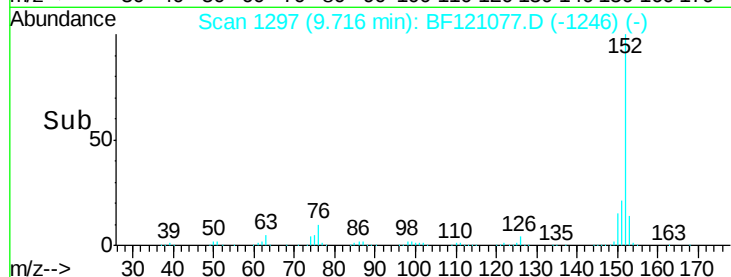
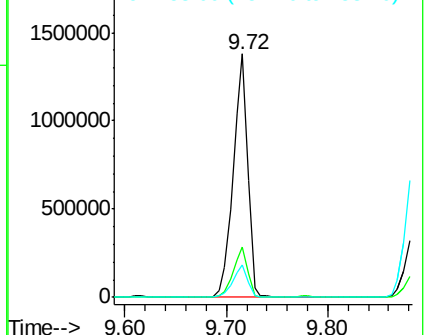
153 13.5 10.9 16.3



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: 54.075 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

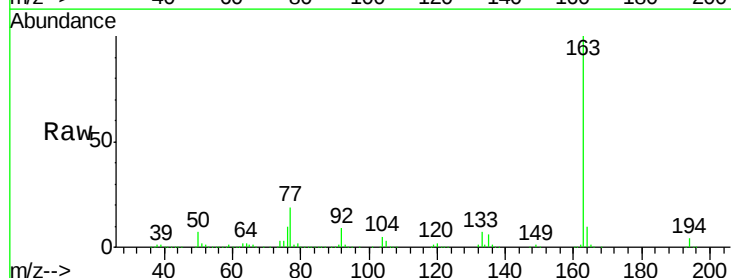
Tgt Ion:163 Resp: 1277651

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

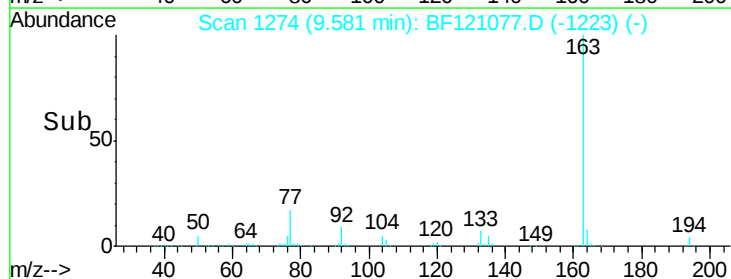
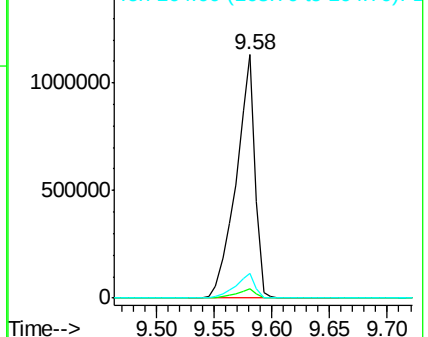
164 10.4 7.9 11.9

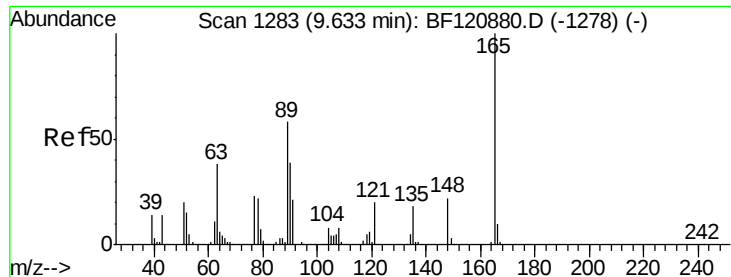


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

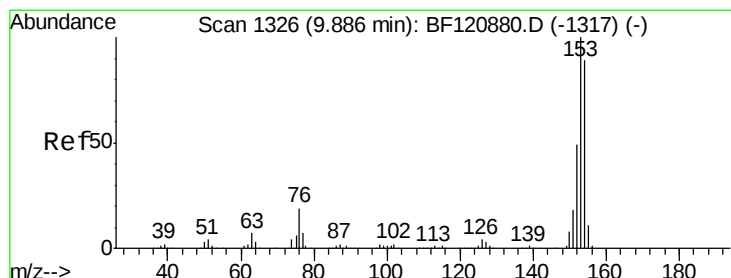
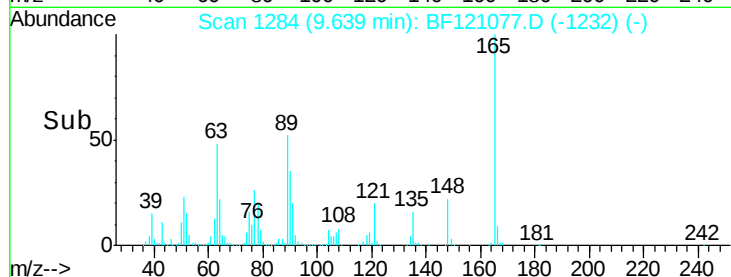
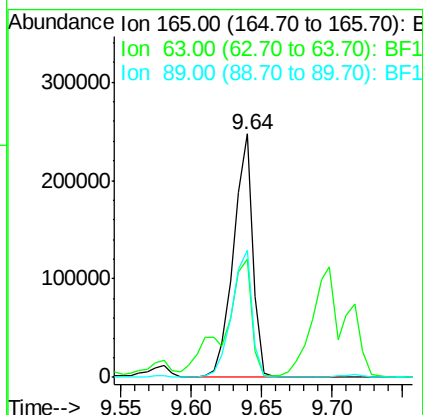
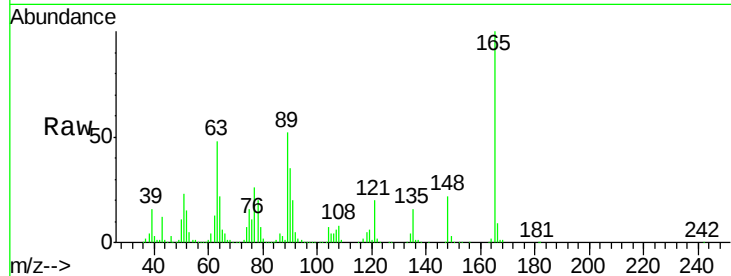




#51
 2,6-Dinitrotoluene
 Concen: 46.353 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.01 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

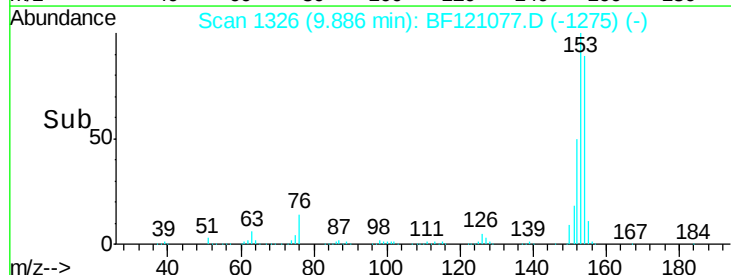
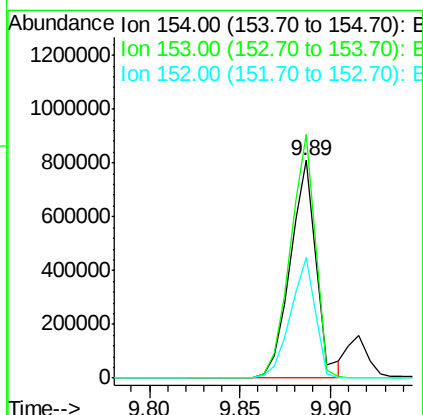
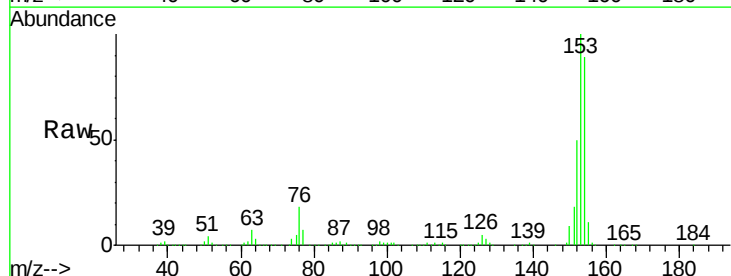
Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMS

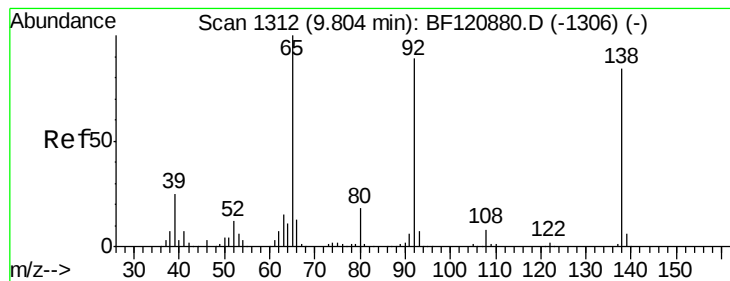
Tot Ion:165 Resp: 235295
 Ion Ratio Lower Upper
 165 100
 63 48.4 45.4 68.2
 89 52.0 47.0 70.4



#52
 Acenaphthene
 Concen: 40.477 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Tgt Ion:154 Resp: 814296
 Ion Ratio Lower Upper
 154 100
 153 112.0 89.5 134.3
 152 55.7 44.2 66.2





#53

3-Nitroaniline

Concen: 29.408 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

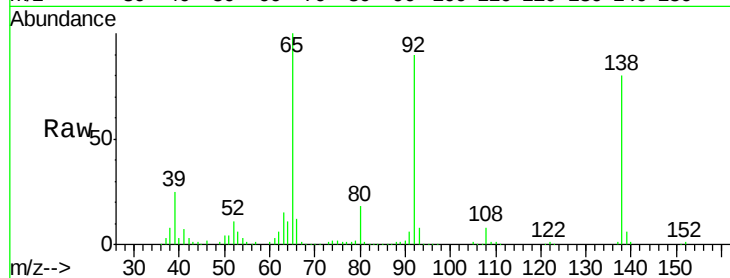
Tot Ion:138 Resp: 187223

Ion Ratio Lower Upper

138 100

108 10.4 7.9 11.9

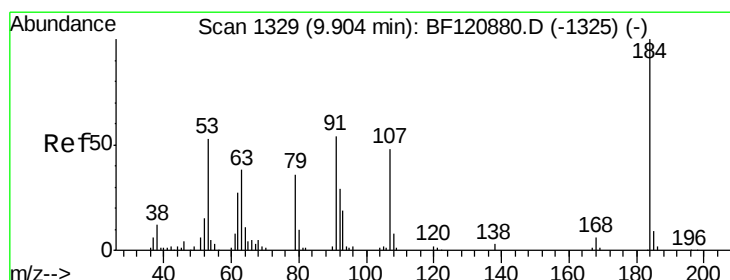
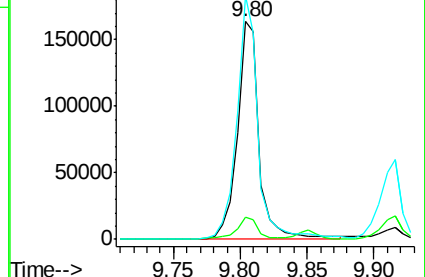
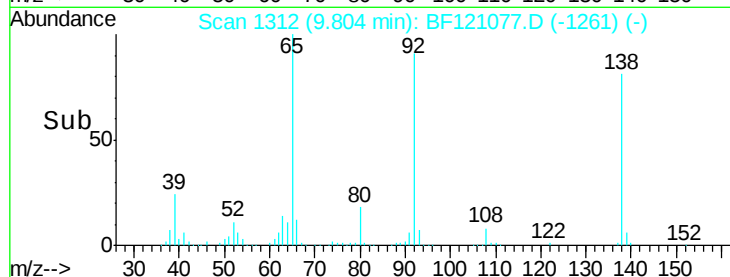
92 111.8 85.3 127.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 90.078 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

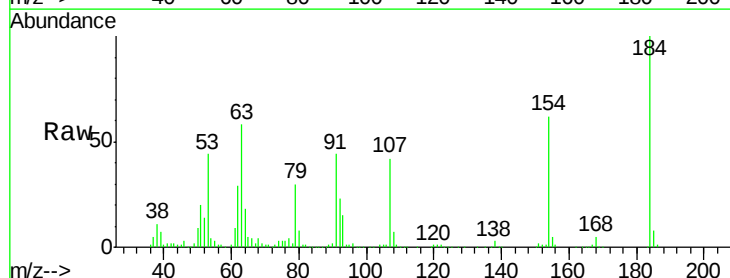
Tgt Ion:184 Resp: 265944

Ion Ratio Lower Upper

184 100

63 57.6 57.9 86.9#

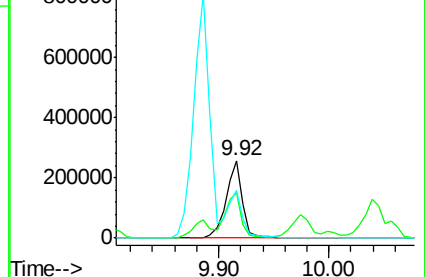
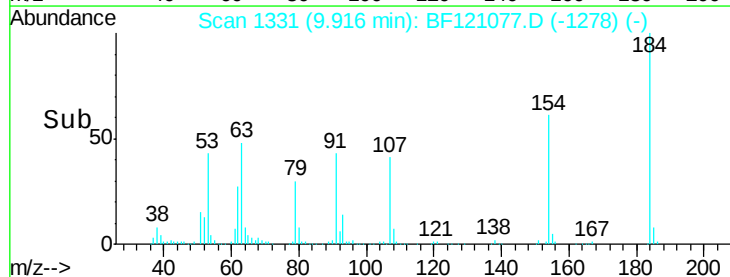
154 61.6 52.6 78.8

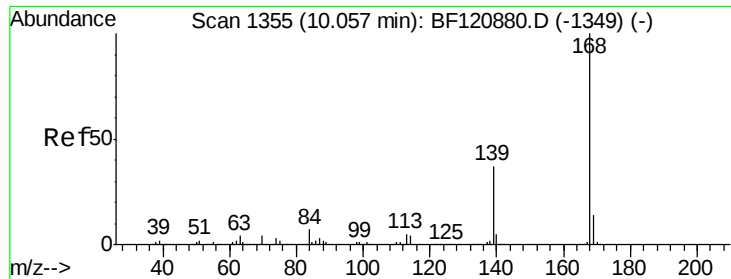


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 41.744 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

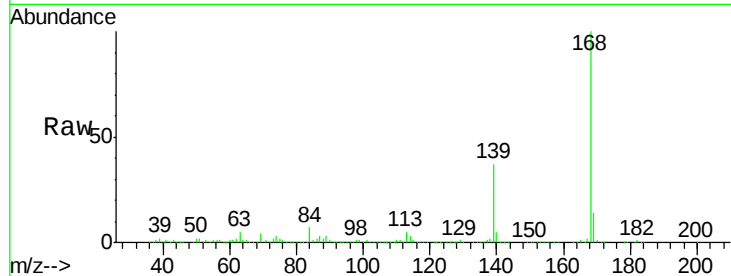
Tot Ion:168 Resp: 1214406

Ion Ratio Lower Upper

168 100

139 37.1 29.7 44.5

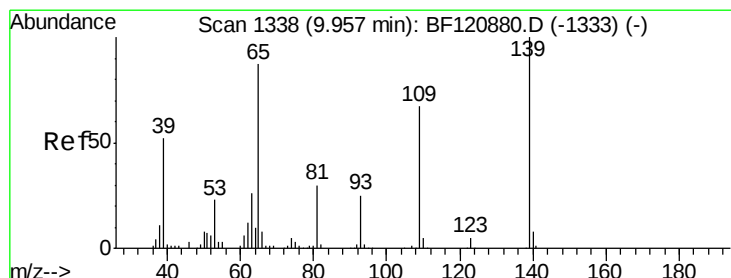
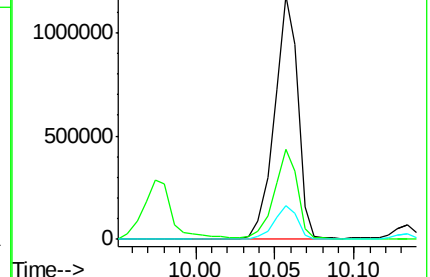
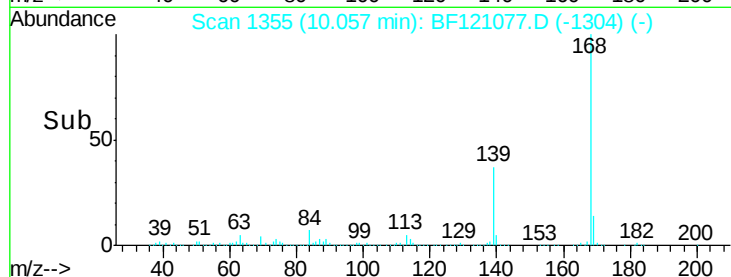
169 13.9 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 76.631 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.02 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

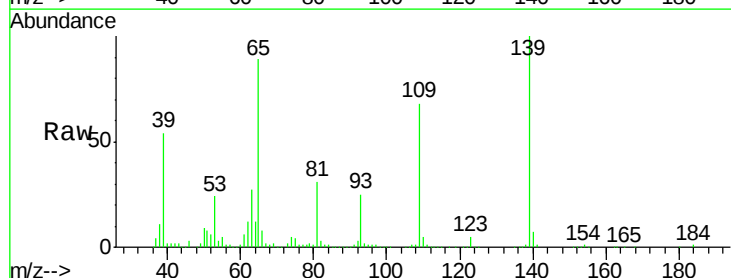
Tgt Ion:139 Resp: 370597

Ion Ratio Lower Upper

139 100

109 67.9 47.3 87.3

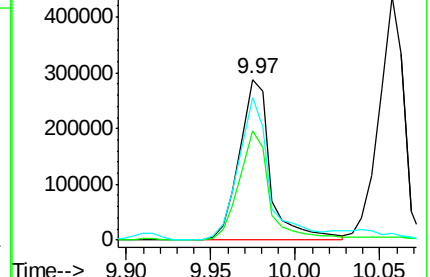
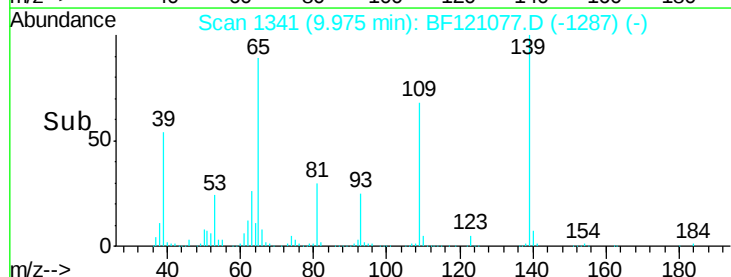
65 88.8 67.2 107.2

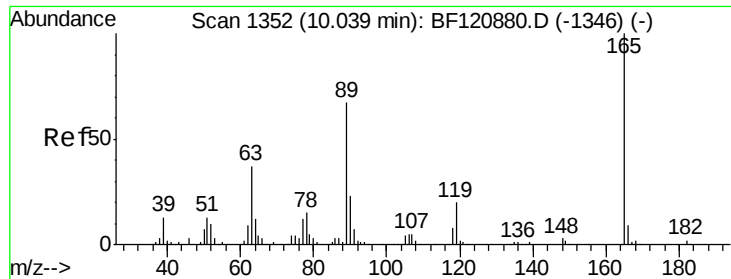


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

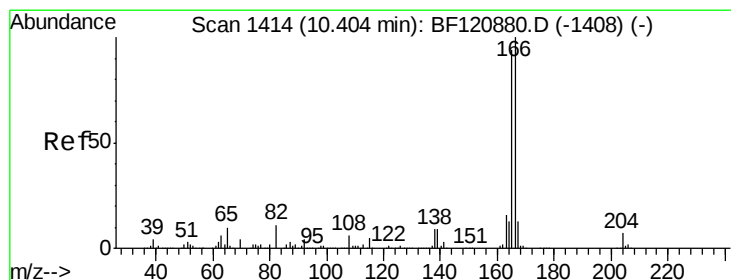
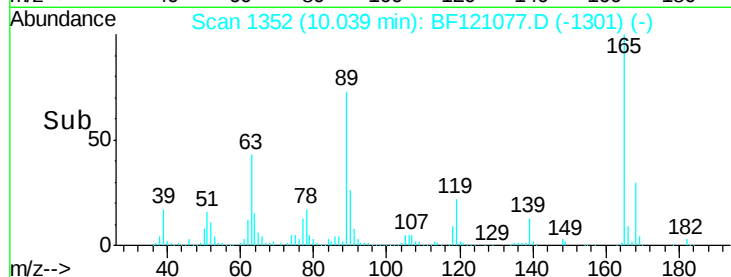
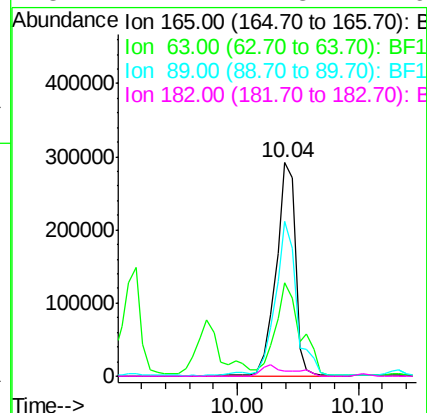
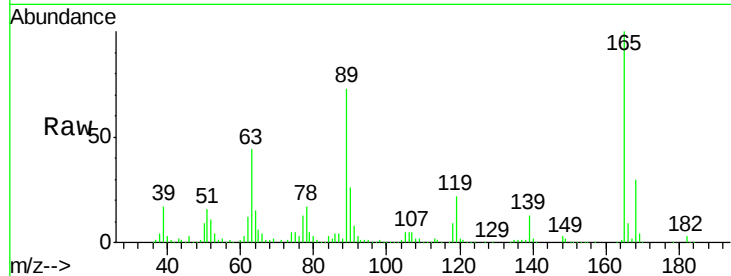




#57
2,4-Dinitrotoluene
Concen: 48.303 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

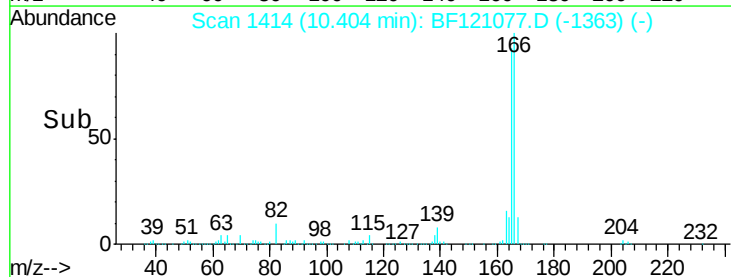
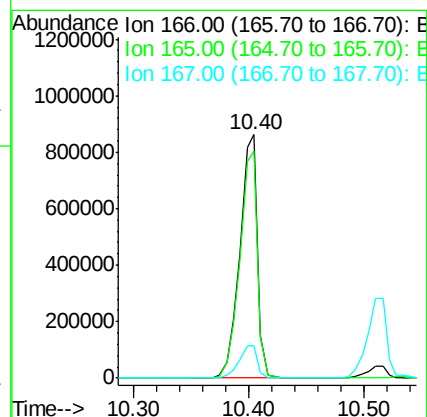
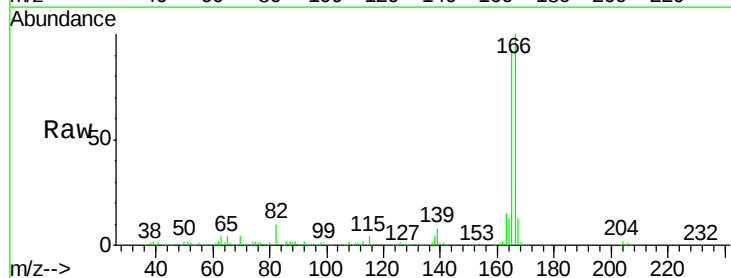
Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.5	29.4	44.2
89	72.7	53.4	80.0
182	2.7	1.8	2.6#



#58
Fluorene
Concen: 41.824 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.0	75.4	113.0
167	13.1	10.6	15.8

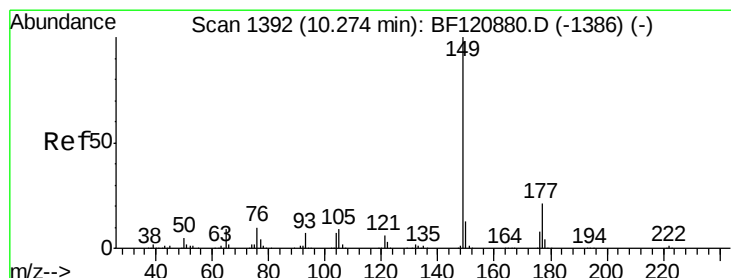
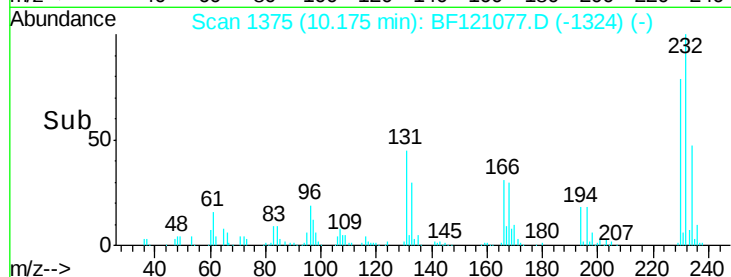
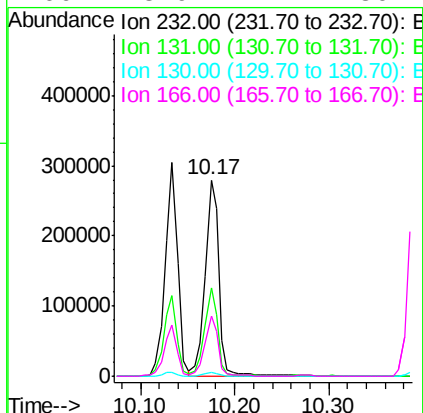
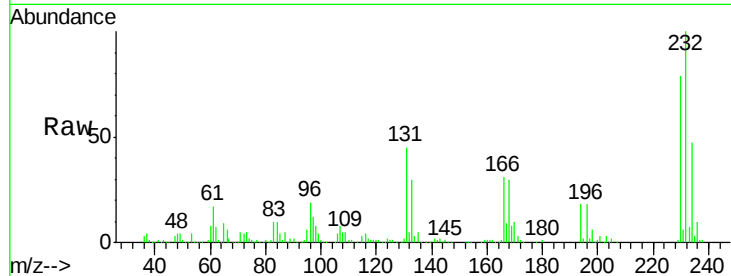




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.251 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

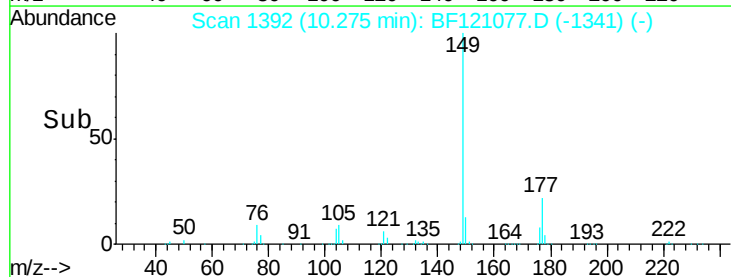
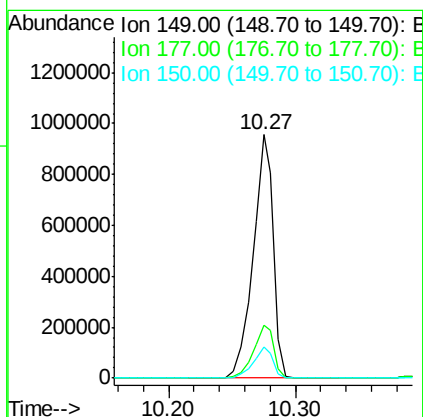
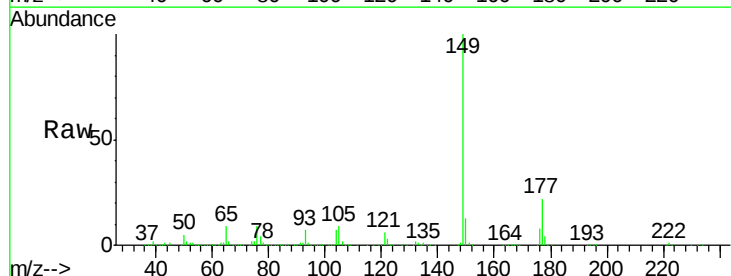
Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMS

Tot Ion:232 Resp: 285782
 Ion Ratio Lower Upper
 232 100
 131 42.7 37.1 55.7
 130 2.1 1.7 2.5
 166 28.9 24.2 36.4



#60
 Diethylphthalate
 Concen: 44.293 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Tgt Ion:149 Resp: 1058559
 Ion Ratio Lower Upper
 149 100
 177 21.9 17.1 25.7
 150 12.6 10.3 15.5

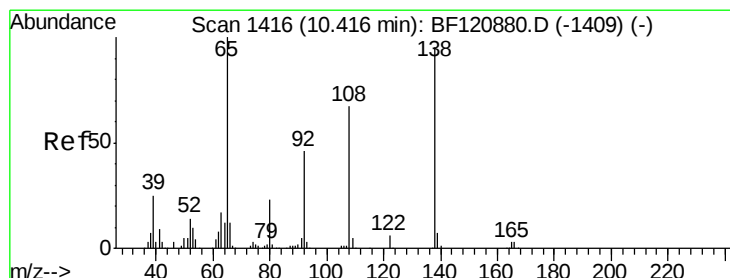
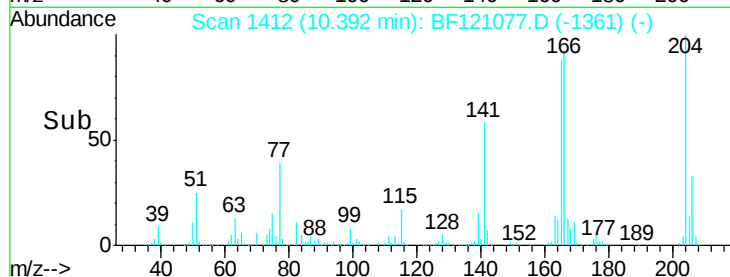
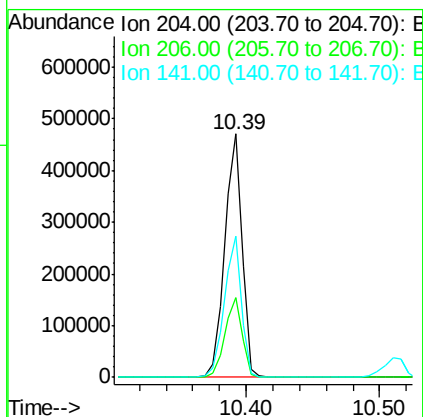
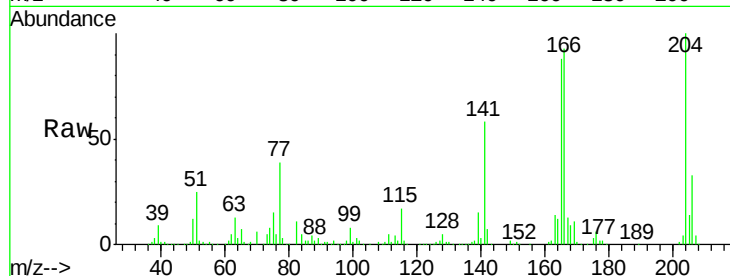




#61
4-Chlorophenyl-phenylether
Concen: 37.504 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

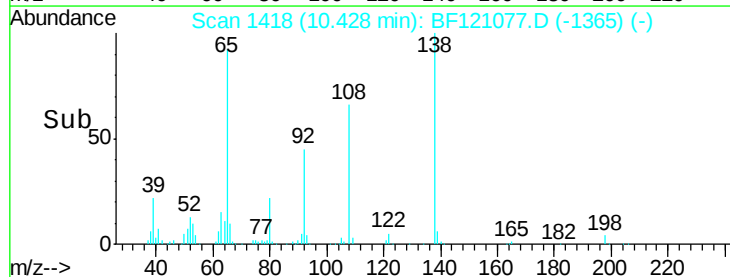
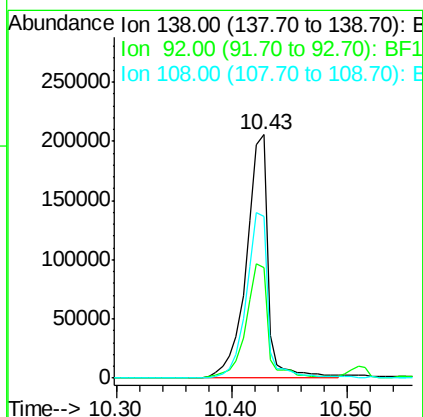
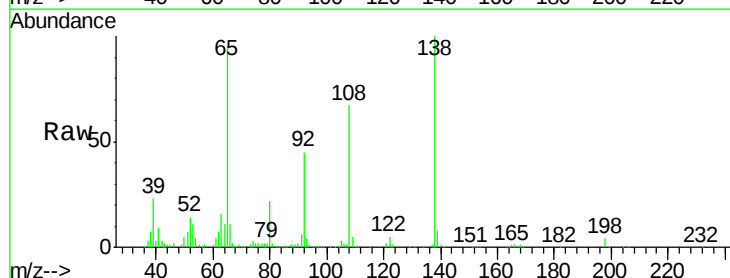
Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

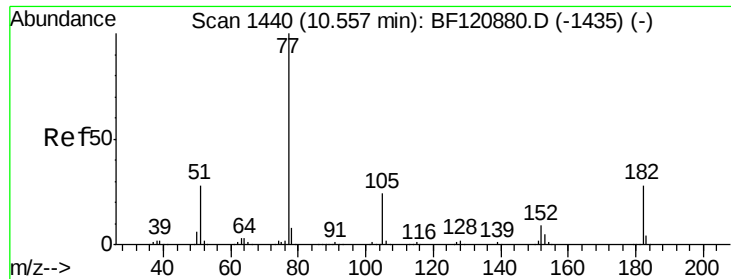
Tot Ion:204 Resp: 434023
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 57.9 47.2 70.8



#62
4-Nitroaniline
Concen: 43.353 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion:138 Resp: 268858
Ion Ratio Lower Upper
138 100
92 45.5 28.6 68.6
108 66.5 51.1 91.1





#63

Azobenzene

Concen: 43.317 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

Tot Ion: 77 Resp: 985547

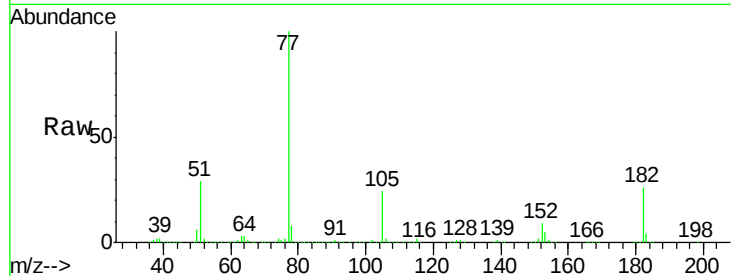
Ion Ratio Lower Upper

77 100

182 26.3 7.8 47.8

105 23.8 4.4 44.4

51 28.6 8.0 48.0

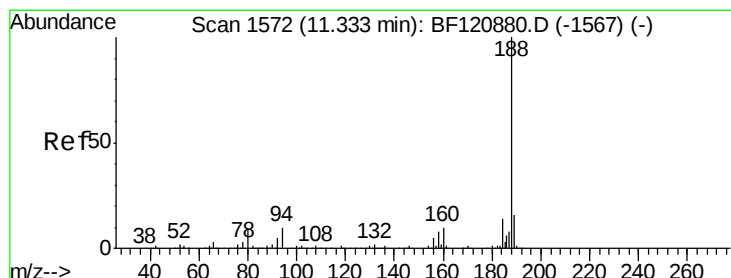
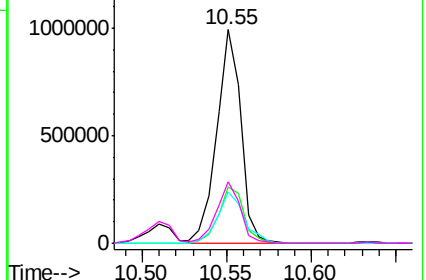
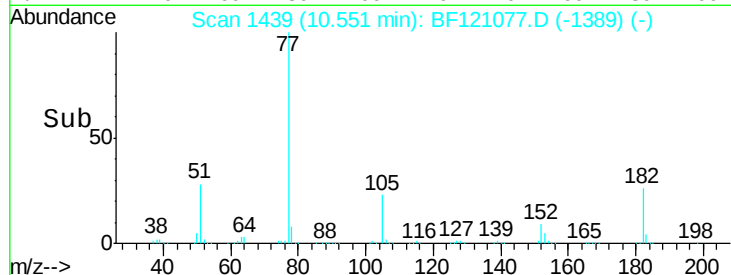


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

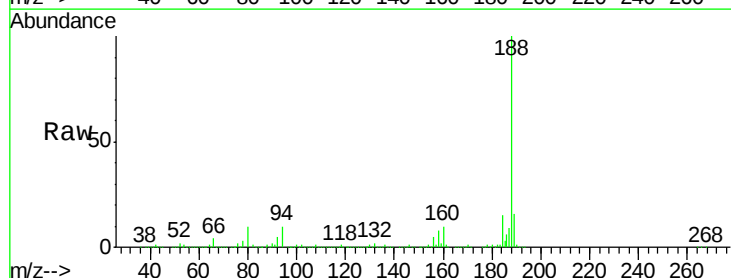
Tgt Ion: 188 Resp: 647862

Ion Ratio Lower Upper

188 100

94 9.8 8.0 12.0

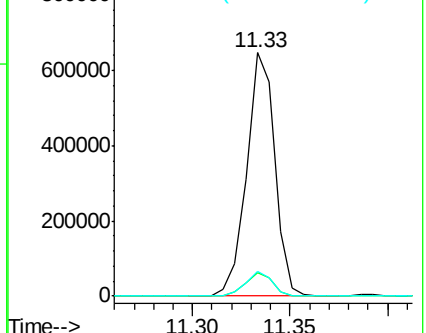
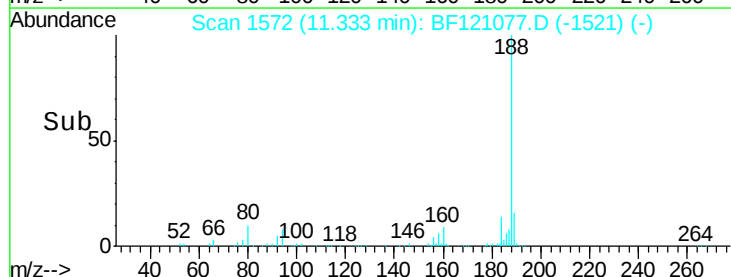
80 10.3 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

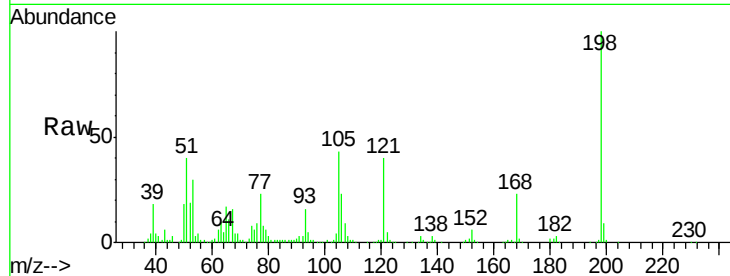




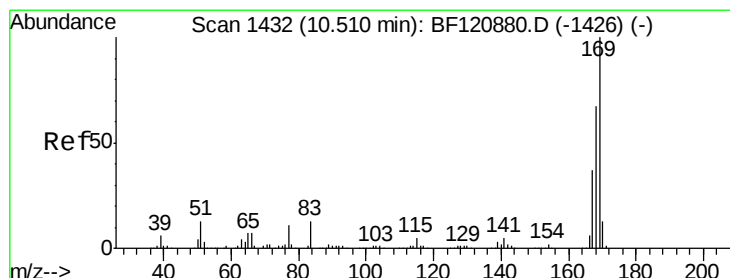
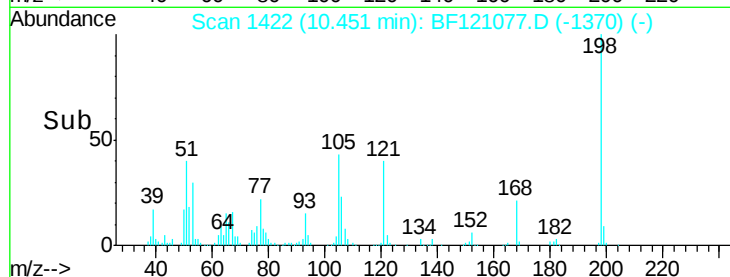
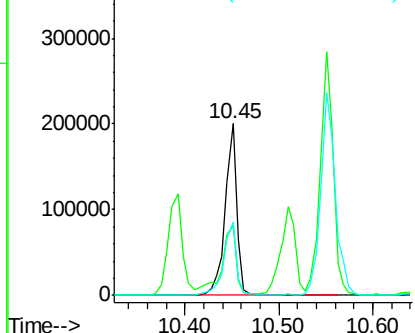
#65
4,6-Dinitro-2-methylphenol
Concen: 46.546 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion:198 Resp: 174054
Ion Ratio Lower Upper
198 100
51 40.5 19.5 59.5
105 43.1 24.4 64.4

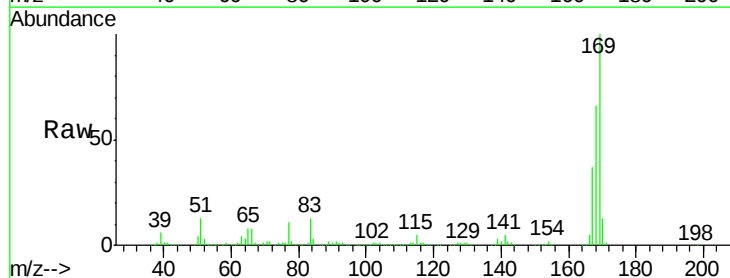


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

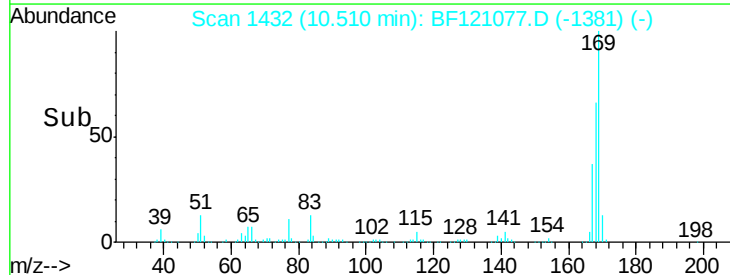
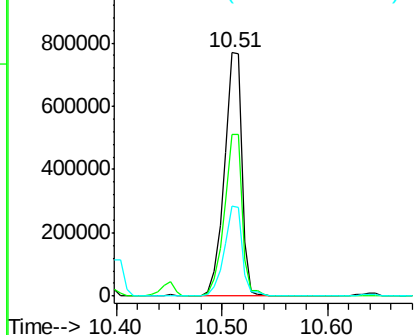


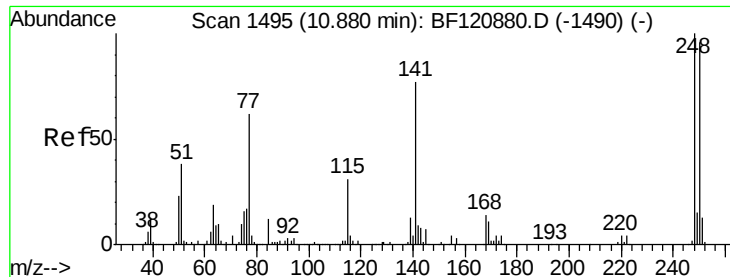
#66
n-Nitrosodiphenylamine
Concen: 43.316 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion:169 Resp: 882793
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.0
167 36.8 29.4 44.0



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

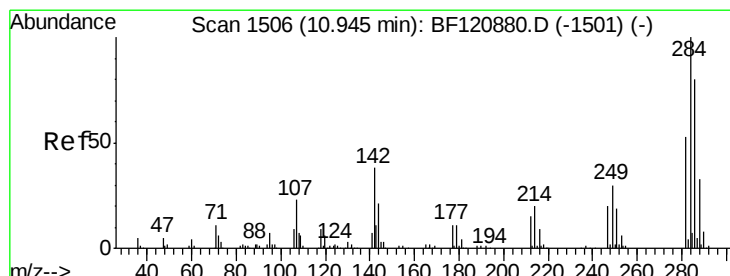
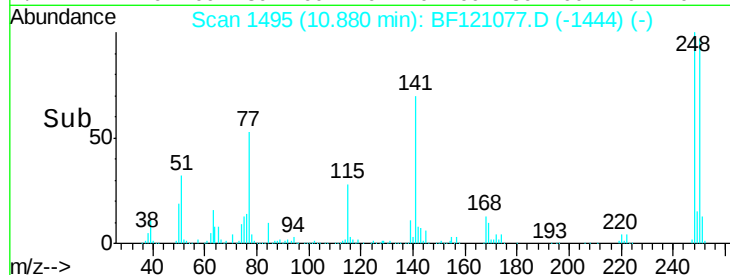
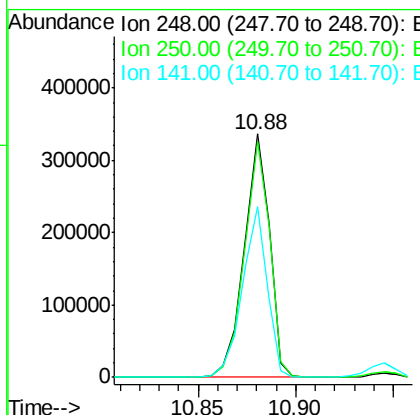
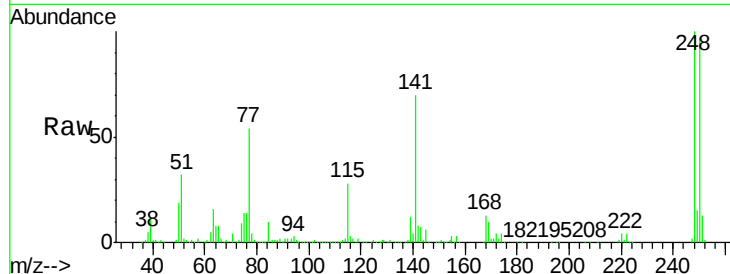




#67
 4-Bromophenyl-phenylether
 Concen: 41.815 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

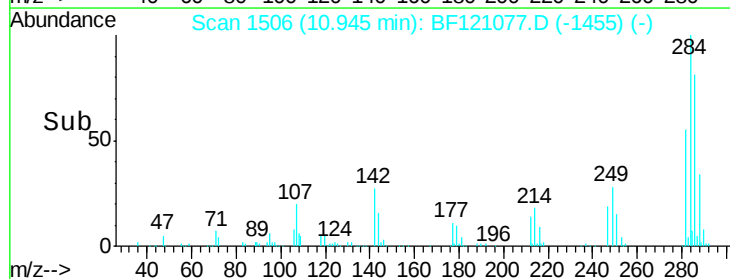
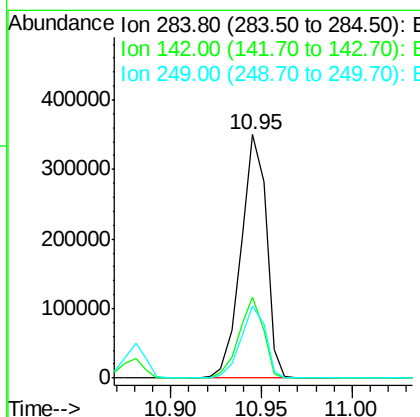
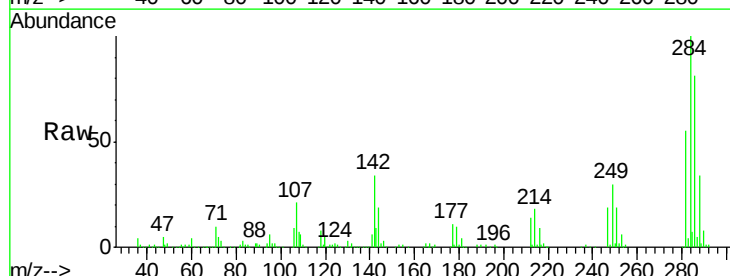
Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMS

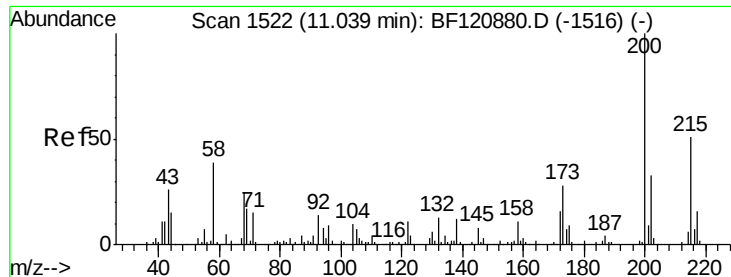
Tot Ion:248 Resp: 302034
 Ion Ratio Lower Upper
 248 100
 250 97.2 77.1 115.7
 141 70.0 61.2 91.8



#68
 Hexachlorobenzene
 Concen: 43.544 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Tgt Ion:284 Resp: 340233
 Ion Ratio Lower Upper
 284 100
 142 33.5 30.2 45.2
 249 29.8 24.2 36.2





#69

Atrazine

Concen: 45.599 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

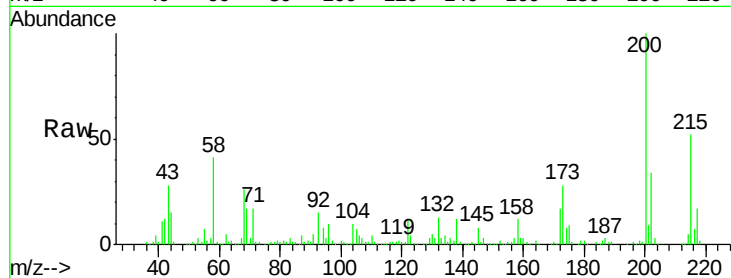
Tot Ion:200 Resp: 230155

Ion Ratio Lower Upper

200 100

173 27.9 8.0 48.0

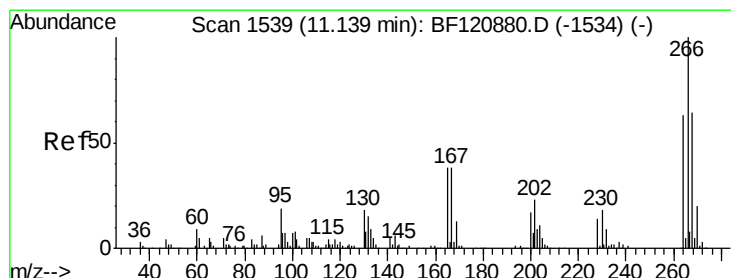
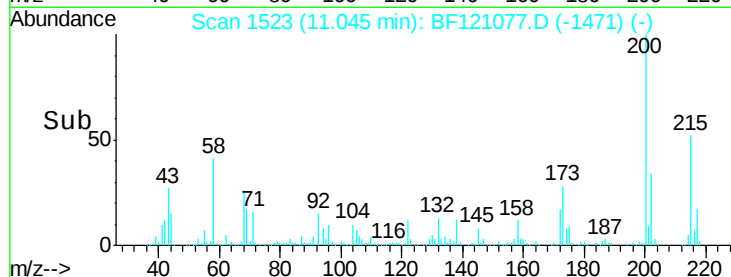
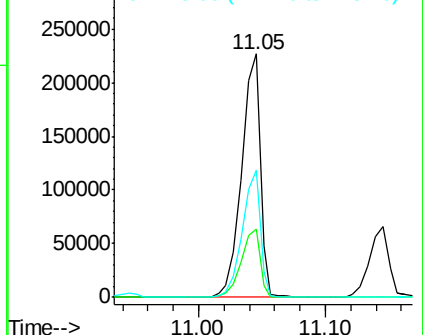
215 52.4 31.5 71.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 96.066 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

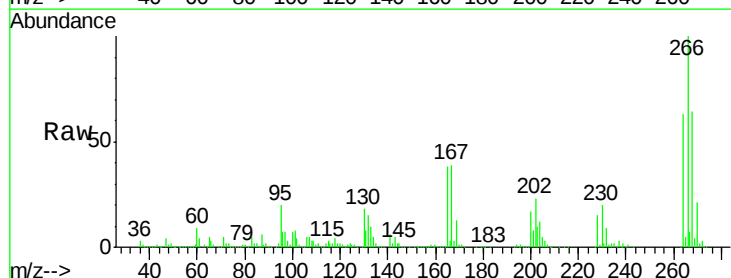
Tgt Ion:266 Resp: 430017

Ion Ratio Lower Upper

266 100

268 64.2 51.1 76.7

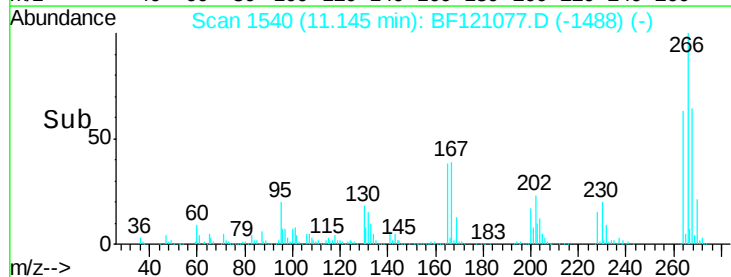
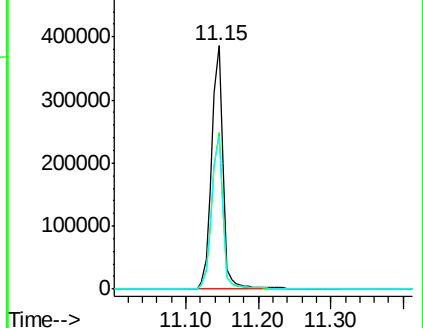
264 62.8 50.2 75.2

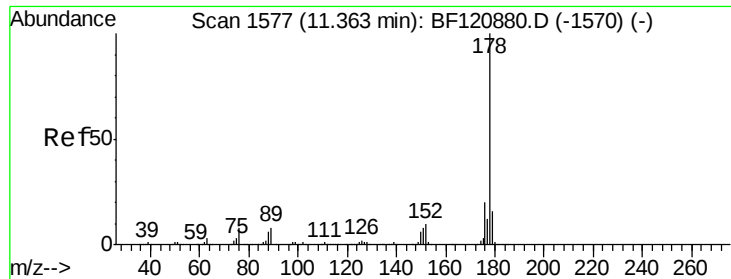


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.670 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

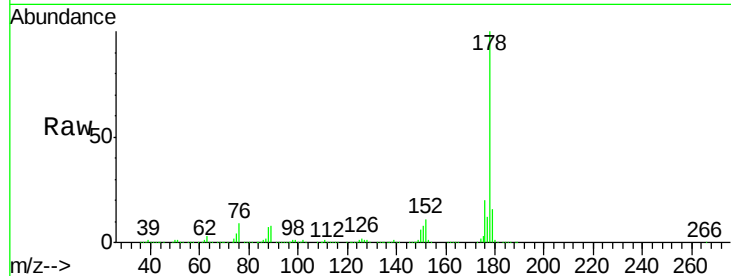
Tot Ion:178 Resp: 1388430

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.4

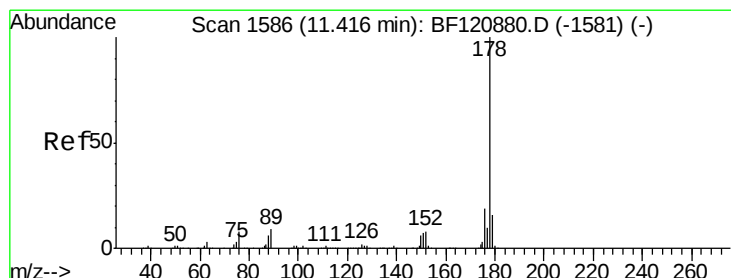
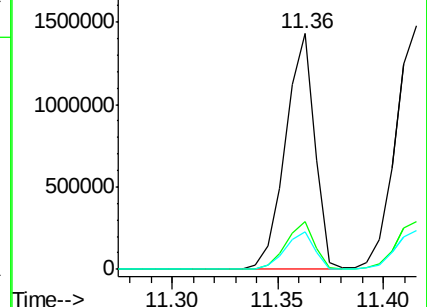
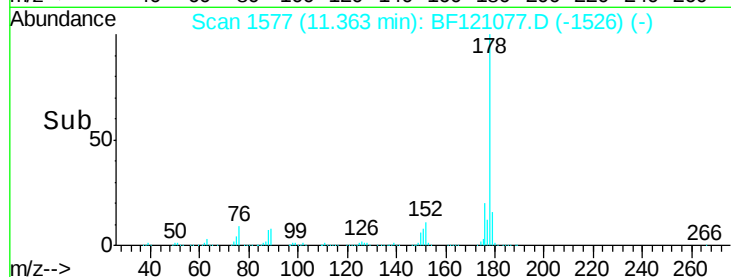
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.084 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

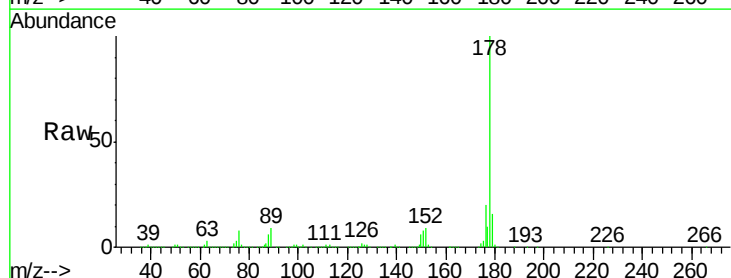
Tgt Ion:178 Resp: 1441488

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

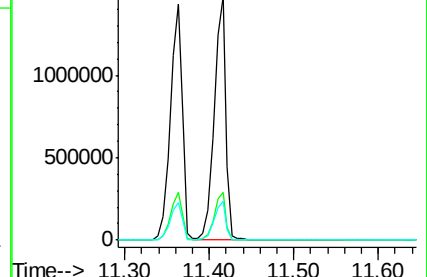
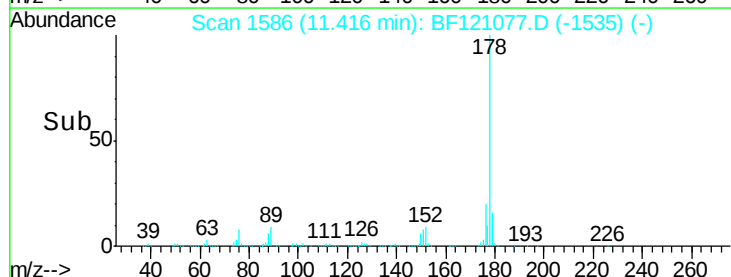
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

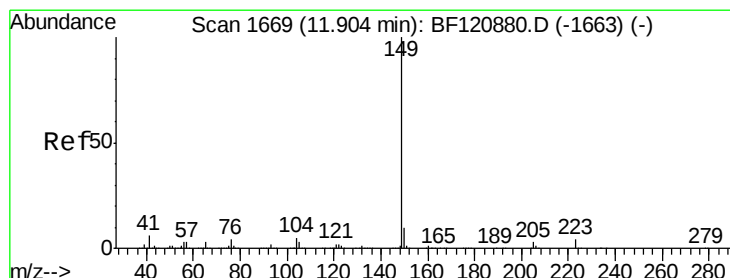
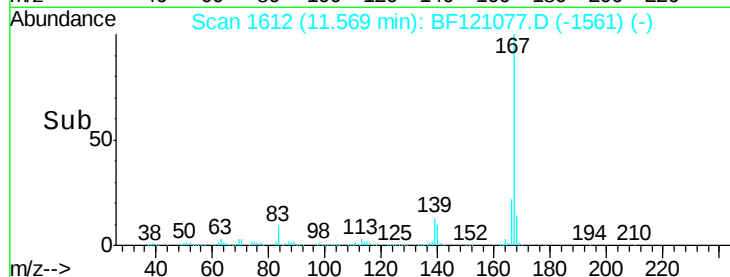
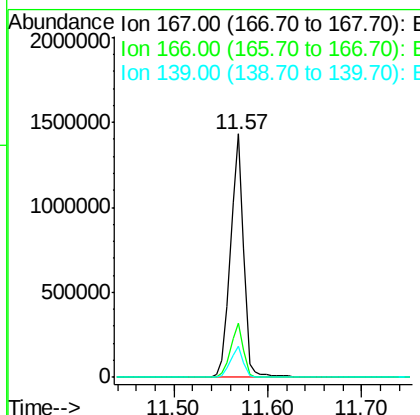
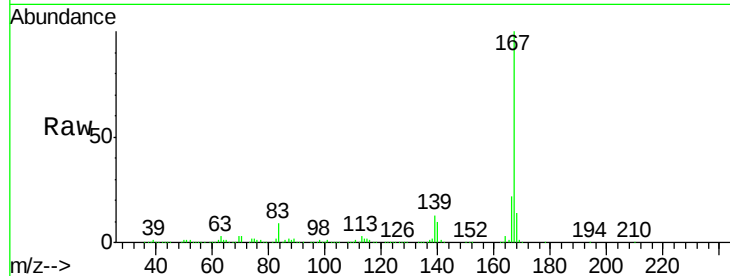




#73
 Carbazole
 Concen: 42.109 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

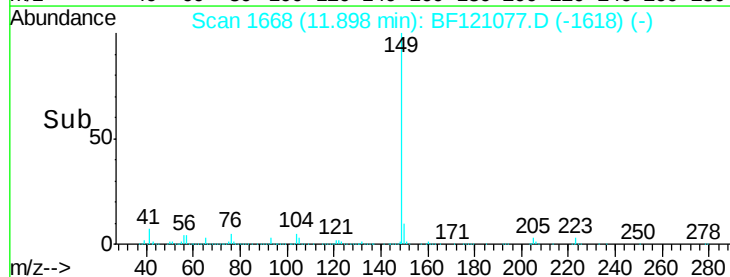
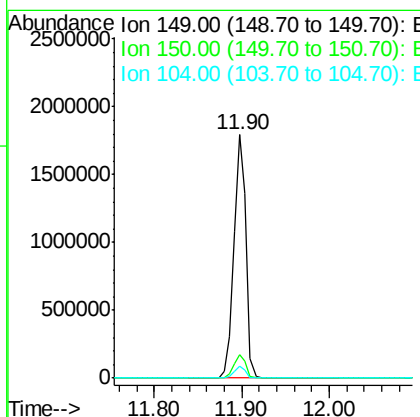
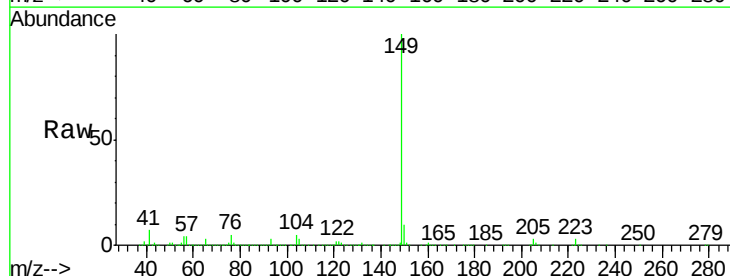
Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMS

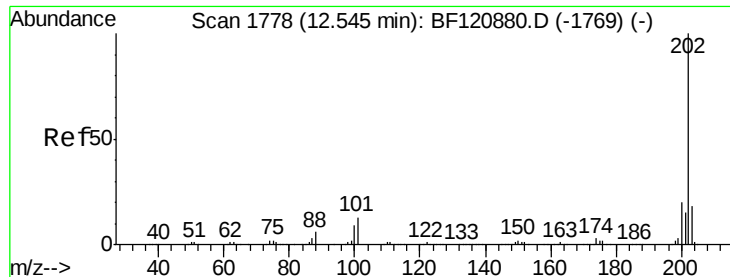
Tot Ion:167 Resp: 1398184
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.7 26.5
 139 13.0 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 44.003 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Tgt Ion:149 Resp: 1686067
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.6
 104 5.0 3.8 5.6





#75

Fluoranthene

Concen: 43.431 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

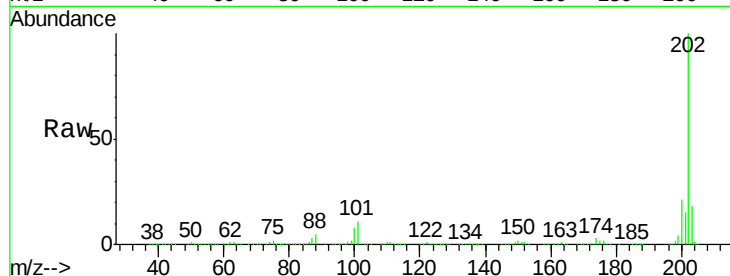
Tot Ion:202 Resp: 1604022

Ion Ratio Lower Upper

202 100

101 10.8 0.0 32.7

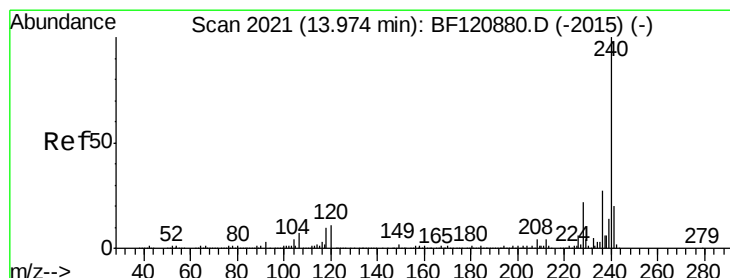
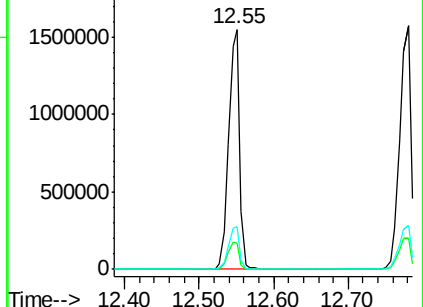
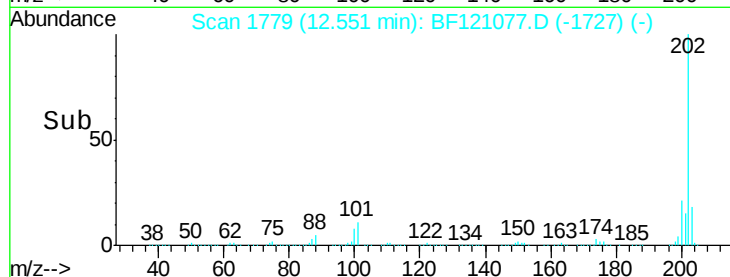
203 18.0 0.0 38.0



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: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

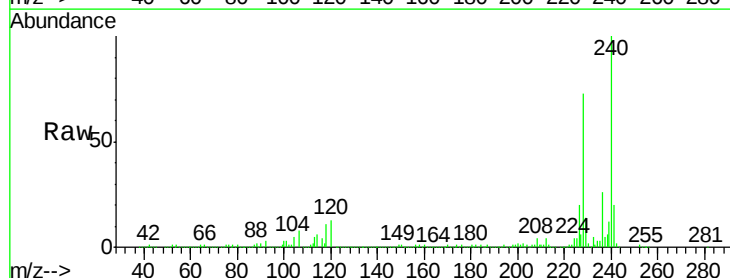
Tgt Ion:240 Resp: 541718

Ion Ratio Lower Upper

240 100

120 12.9 9.0 13.4

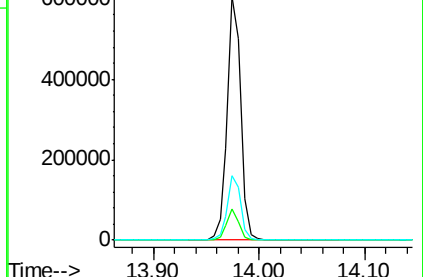
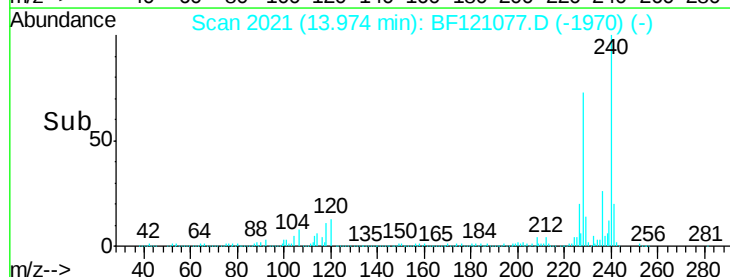
236 26.3 21.7 32.5

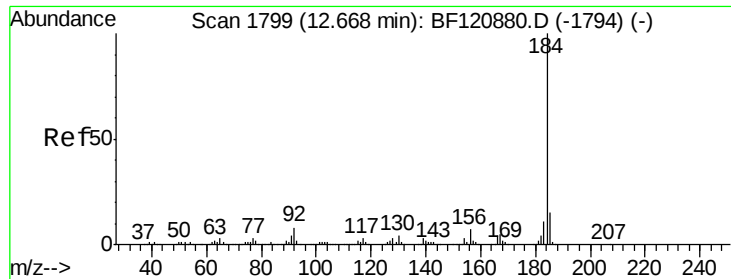


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.269 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

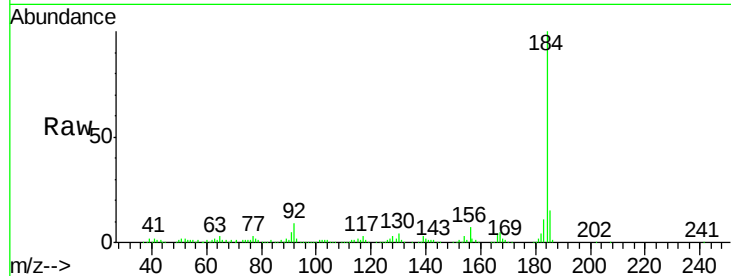
Tot Ion:184 Resp: 502320

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.2

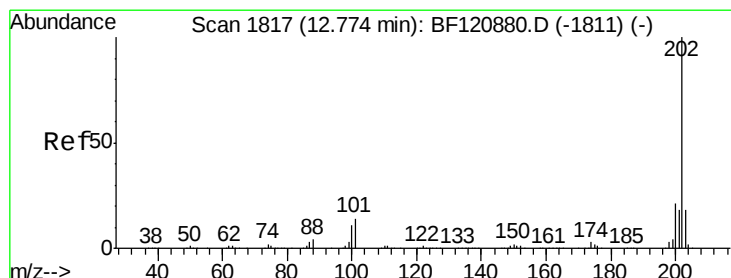
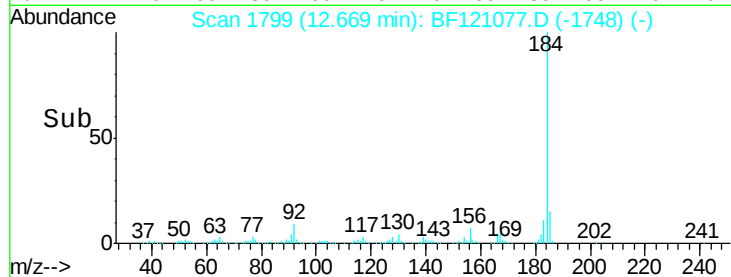
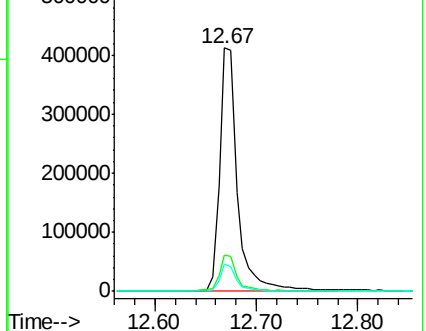
183 11.0 8.5 12.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.821 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

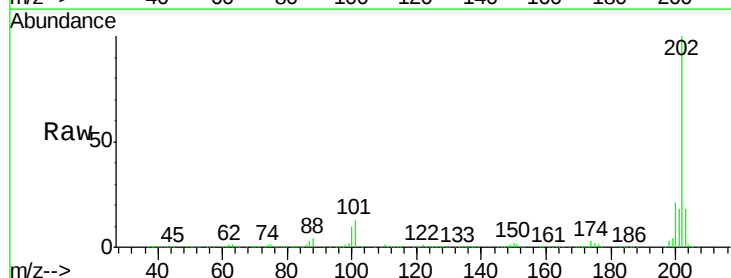
Tgt Ion:202 Resp: 1640041

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

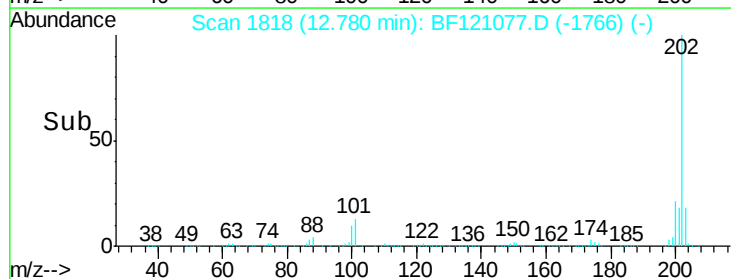
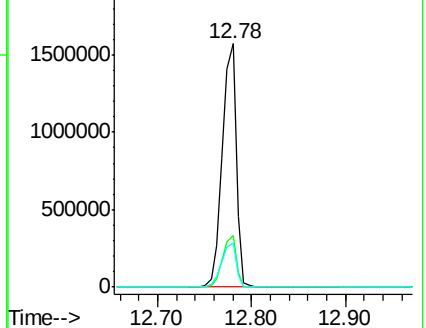
203 18.1 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.273 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

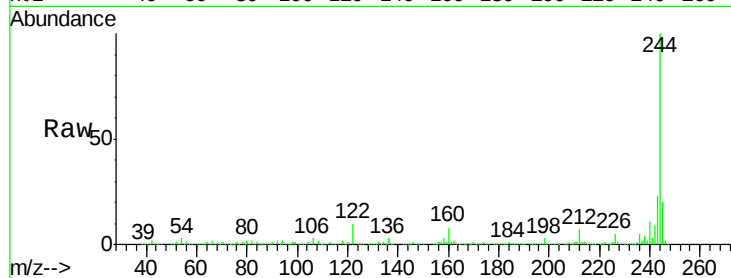
Tot Ion:244 Resp: 1776153

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

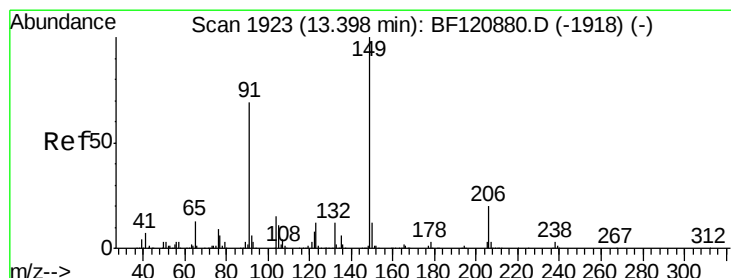
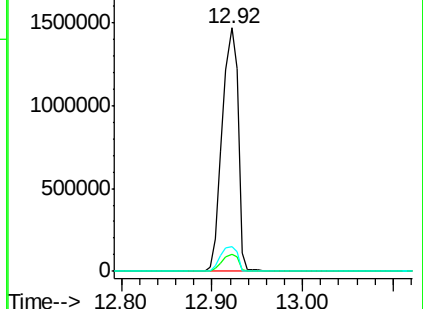
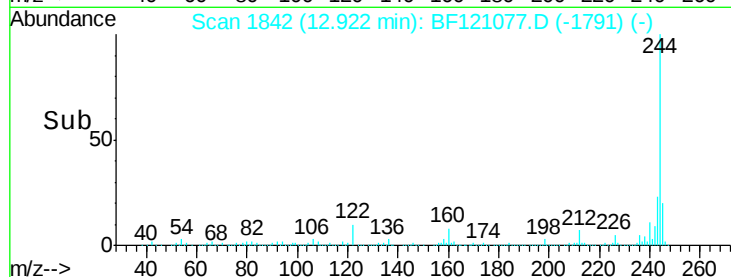
122 10.2 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.138 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

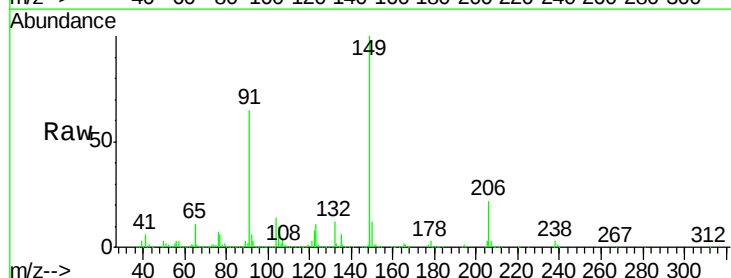
Tgt Ion:149 Resp: 770670

Ion Ratio Lower Upper

149 100

91 64.6 55.1 82.7

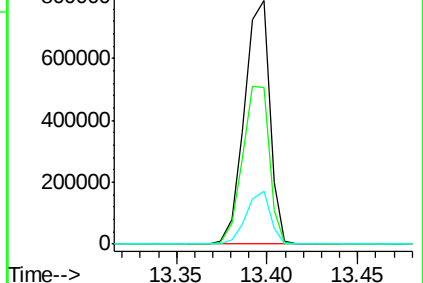
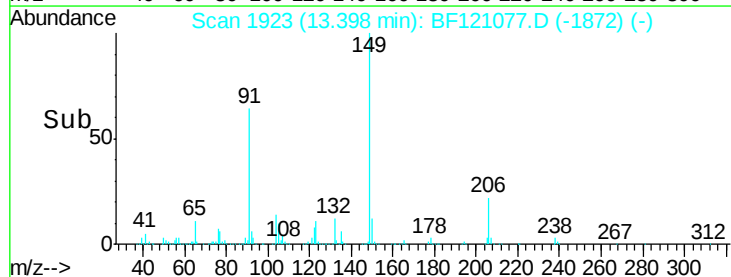
206 22.0 16.1 24.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.349 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

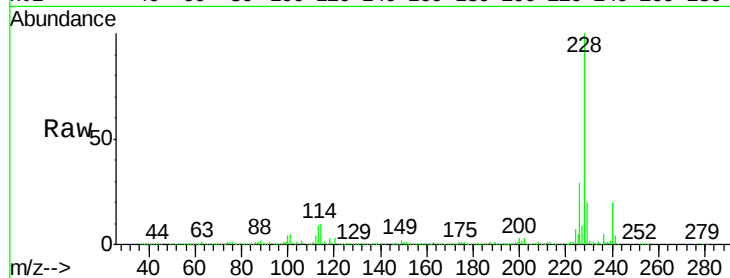
Tot Ion:228 Resp: 1356403

Ion Ratio Lower Upper

228 100

226 28.7 22.3 33.5

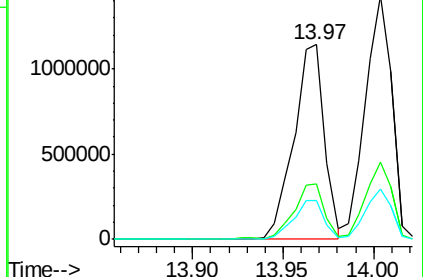
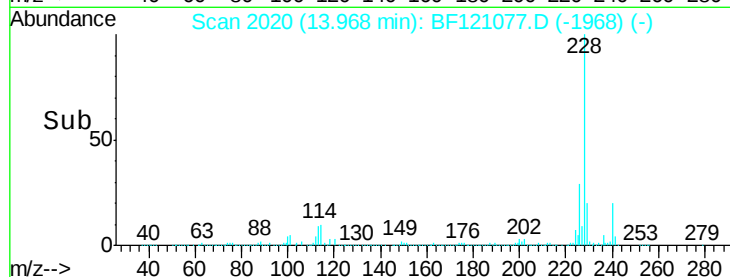
229 20.2 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.292 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

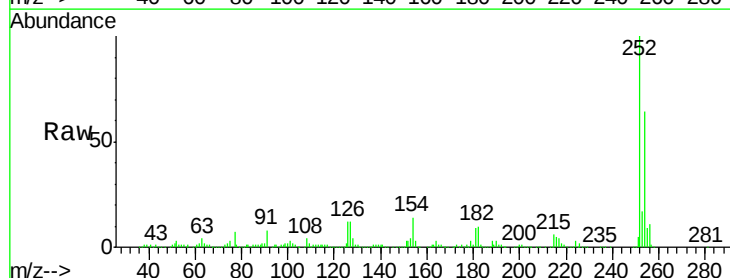
Tgt Ion:252 Resp: 473901

Ion Ratio Lower Upper

252 100

254 64.5 51.2 76.8

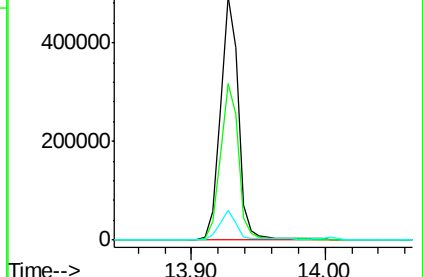
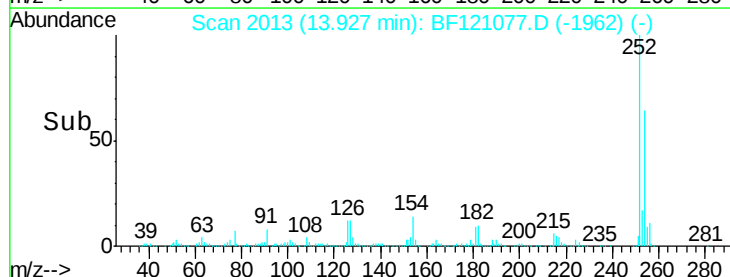
126 12.2 8.7 13.1

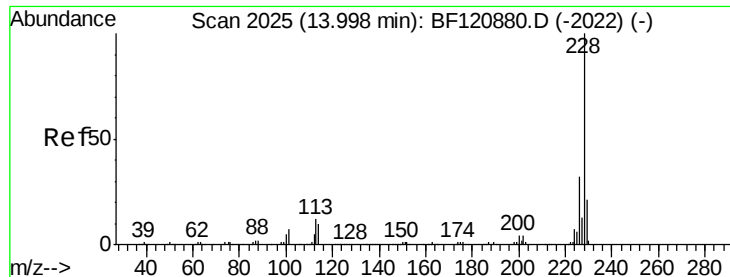


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.824 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

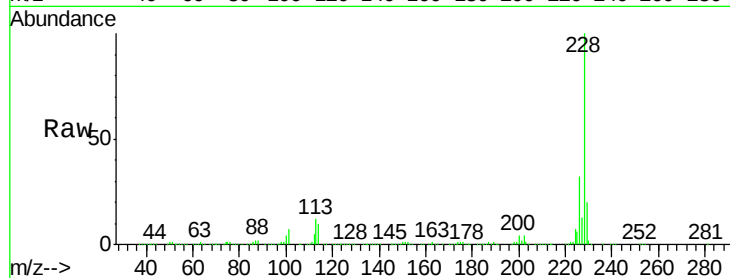
Tot Ion:228 Resp: 1476291

Ion Ratio Lower Upper

228 100

226 31.8 25.6 38.4

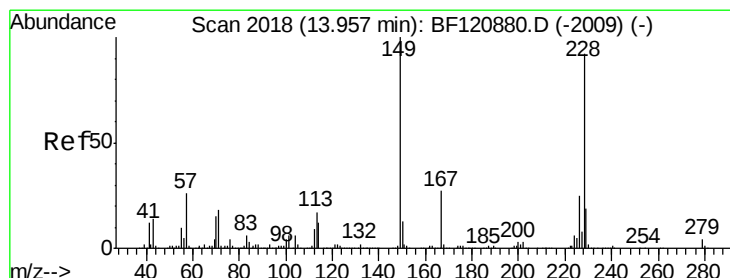
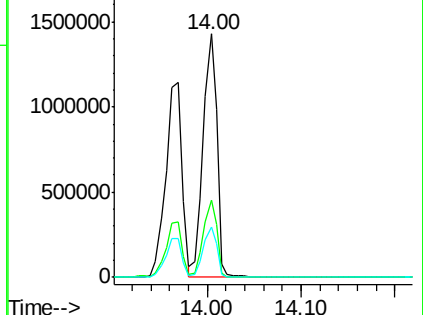
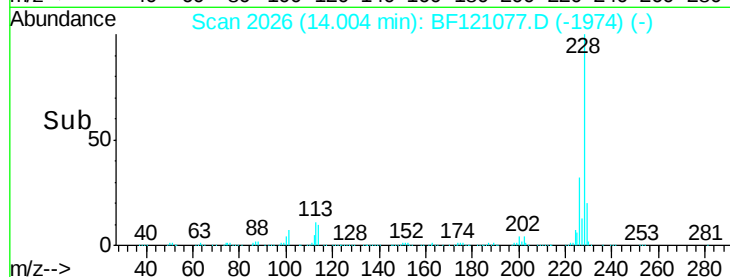
229 20.5 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.465 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

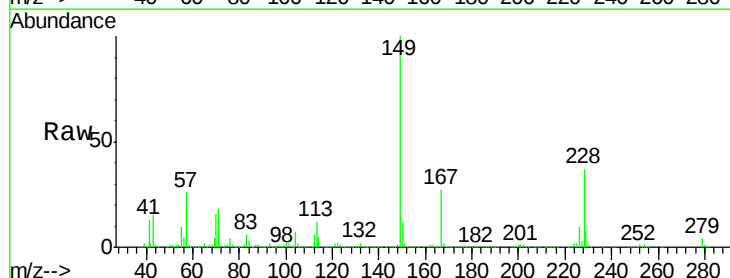
Tgt Ion:149 Resp: 915098

Ion Ratio Lower Upper

149 100

167 27.1 21.9 32.9

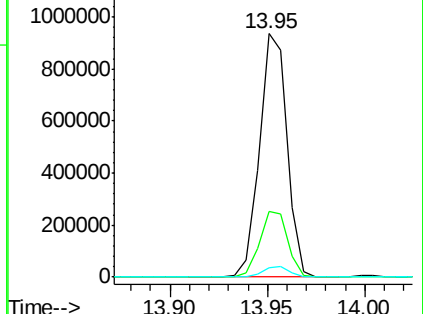
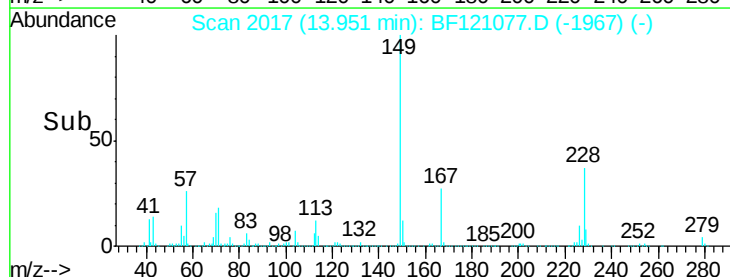
279 3.8 3.0 4.4



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

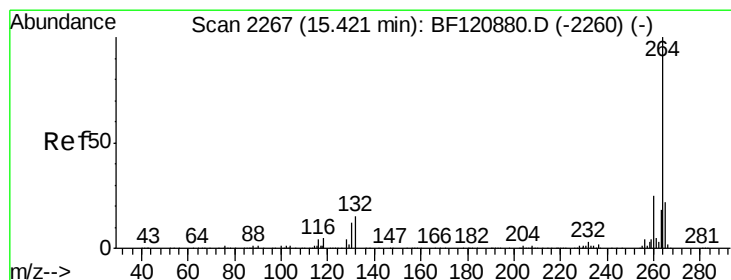
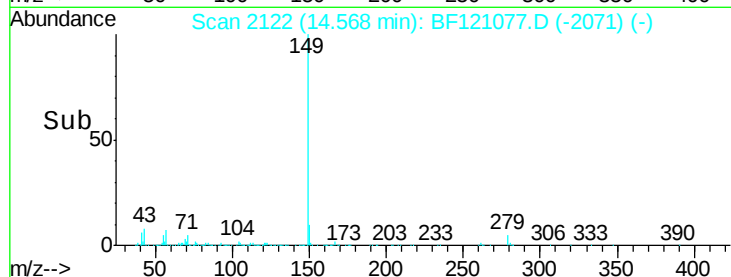
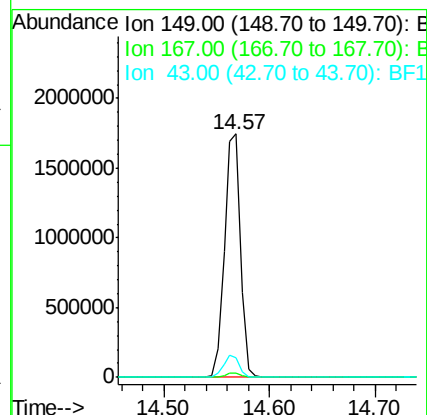
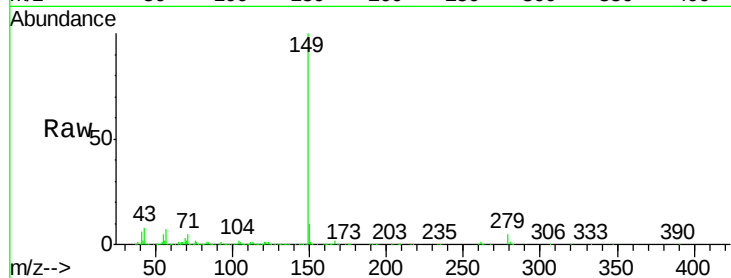




#85
Di-n-octyl phthalate
Concen: 44.387 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

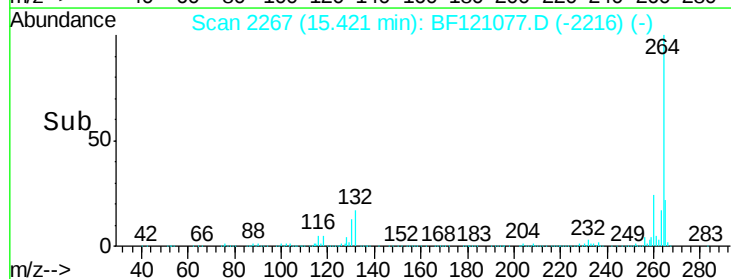
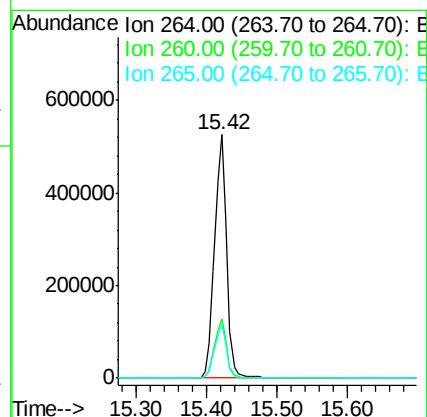
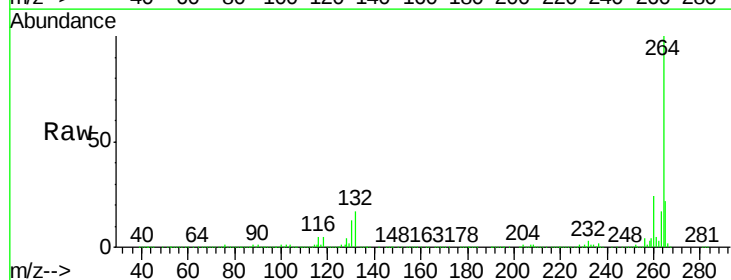
Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion:149 Resp: 1859219
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.9 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion:264 Resp: 630804
Ion Ratio Lower Upper
264 100
260 24.3 20.0 30.0
265 22.0 17.4 26.2

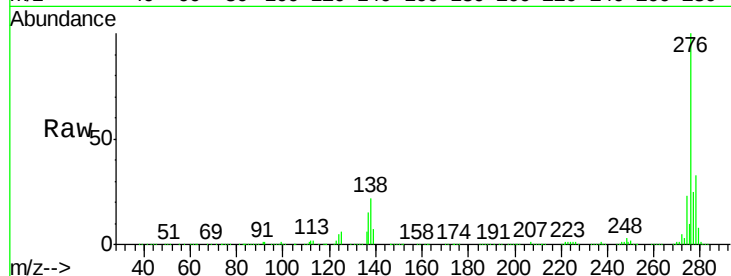




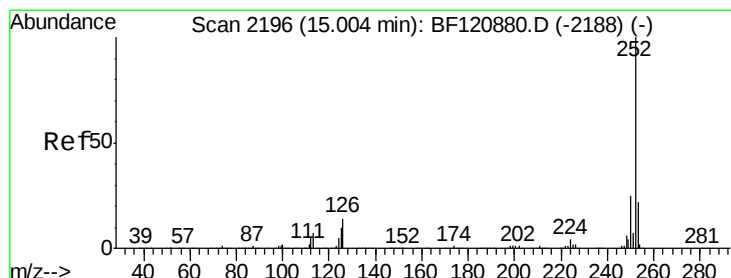
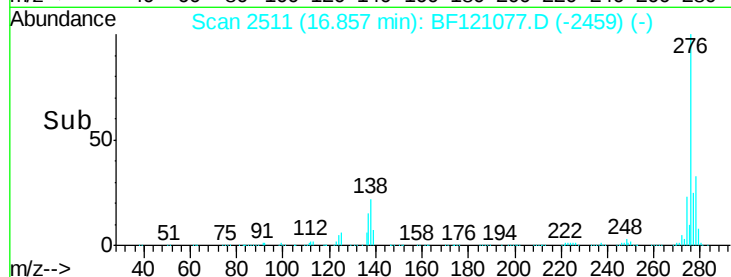
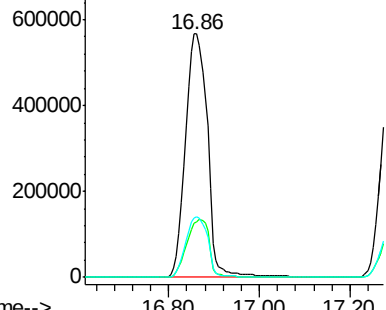
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.458 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.01 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMS

Tot Ion:276 Resp: 1906493
 Ion Ratio Lower Upper
 276 100
 138 24.2 19.8 29.8
 277 25.1 20.2 30.2

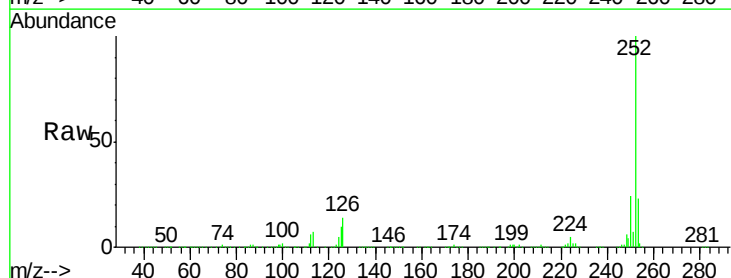


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

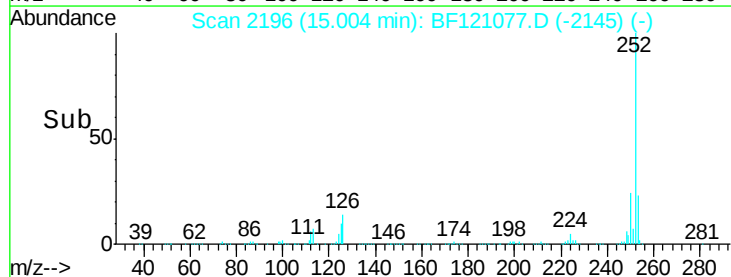
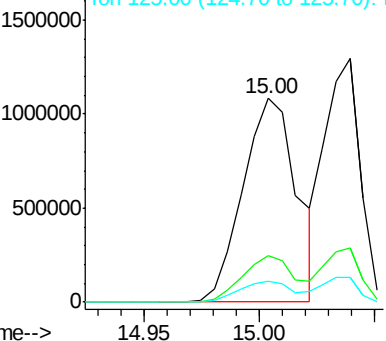


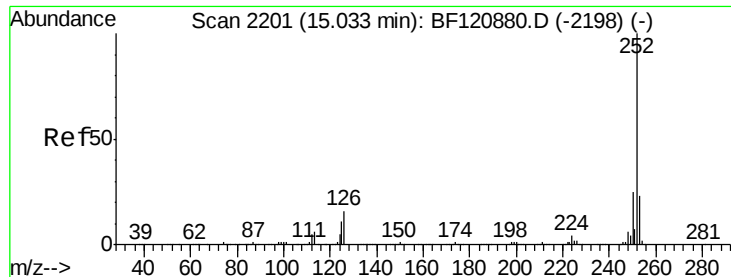
#88
 Benzo(b)fluoranthene
 Concen: 45.933 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Tgt Ion:252 Resp: 1751407
 Ion Ratio Lower Upper
 252 100
 253 22.9 18.0 27.0
 125 10.5 8.3 12.5



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

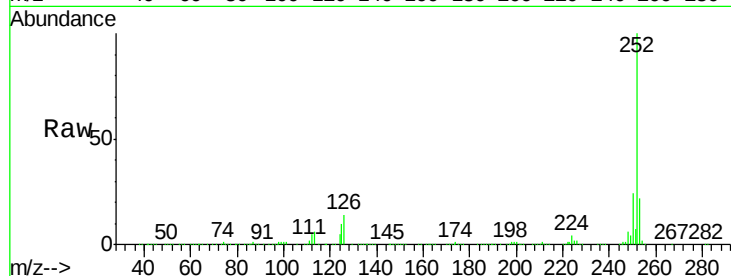




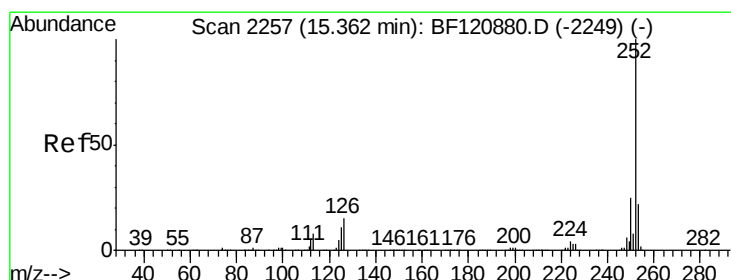
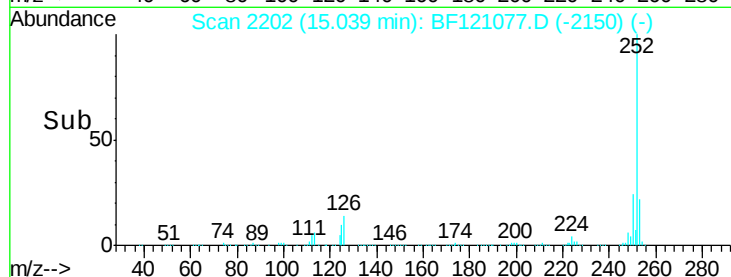
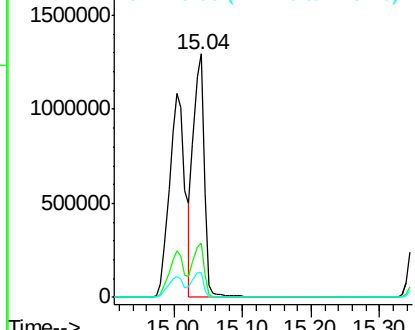
#89
Benzo(k)fluoranthene
Concen: 40.807 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion:252 Resp: 1419040
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 10.0 8.4 12.6

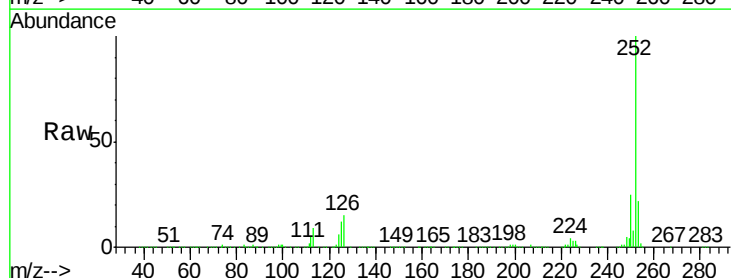


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

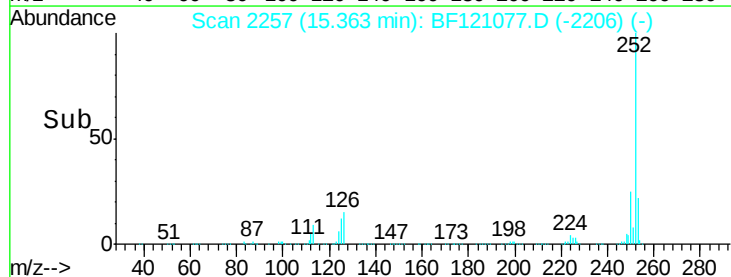
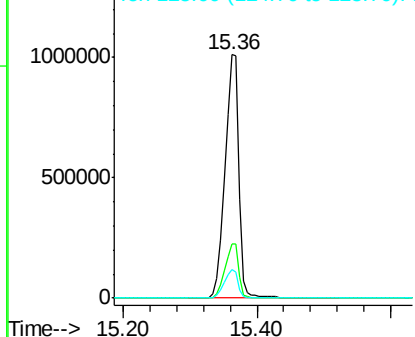


#90
Benzo(a)pyrene
Concen: 42.624 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion:252 Resp: 1482814
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.7 8.9 13.3



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: 43.755 ng

RT: 16.88 min Scan# 2515

Delta R.T. 0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

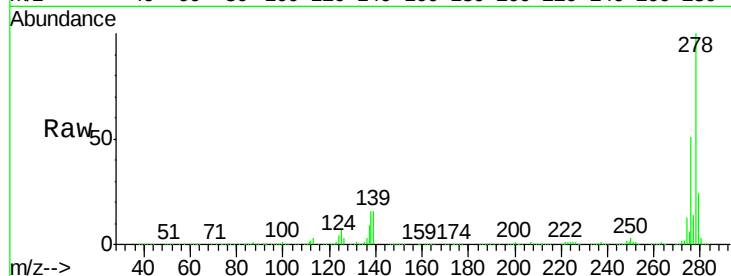
Tot Ion:278 Resp: 1567989

Ion Ratio Lower Upper

278 100

139 16.1 12.3 18.5

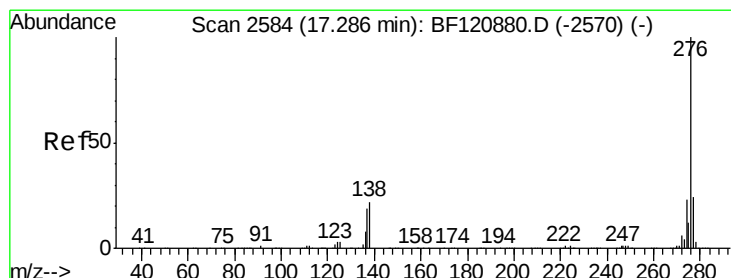
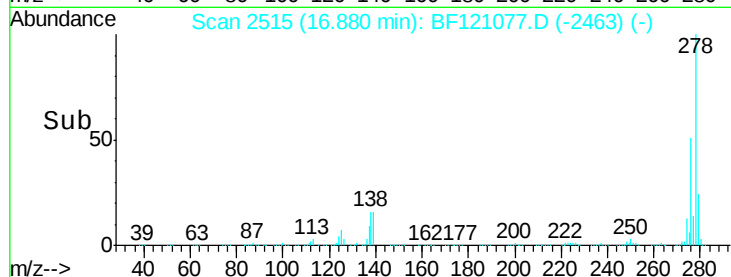
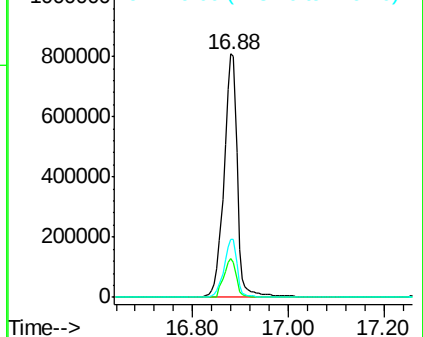
279 24.0 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.047 ng

RT: 17.30 min Scan# 2586

Delta R.T. 0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

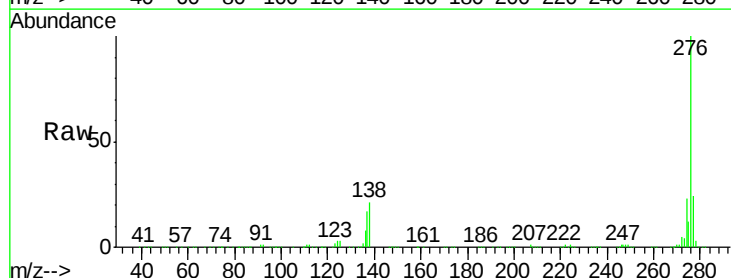
Tgt Ion:276 Resp: 1591680

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 20.7 17.5 26.3



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

