

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120892.D
 Acq On : 16 Jul 2020 18:27
 Operator : JU/CG
 Sample : L3187-08MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MS

Quant Time: Jul 16 18:55:31 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	6.82	152	167209	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	652645	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	348976	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	691870	20.00	ng	0.00
76) Chrysene-d12	13.97	240	551611	20.00	ng	0.00
86) Perylene-d12	15.42	264	567048	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1100363	107.88	ng	0.02
7) Phenol-d6	6.45	99	1274384	96.72	ng	0.00
23) Nitrobenzene-d5	7.38	82	916062	81.22	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	453447	118.71	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1577660	67.50	ng	0.00
79) Terphenyl-d14	12.93	244	1790485	70.56	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	193057	41.127	ng	# 85
3) Pyridine	3.39	79	439169	35.169	ng	97
4) n-Nitrosodimethylamine	3.32	42	251320	47.066	ng	98
6) Aniline	6.48	93	366460	21.308	ng	99
8) 2-Chlorophenol	6.60	128	556879	49.561	ng	97
9) Benzaldehyde	6.36	77	97991	11.974	ng	98
10) Phenol	6.46	94	585336	40.387	ng	100
11) bis(2-Chloroethyl)ether	6.56	93	529246	47.648	ng	98
12) 1,3-Dichlorobenzene	6.76	146	533679	43.801	ng	100
13) 1,4-Dichlorobenzene	6.83	146	538418	44.441	ng	100
14) 1,2-Dichlorobenzene	6.99	146	522936	45.625	ng	99
15) Benzyl Alcohol	6.96	79	441829	47.419	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	734665	45.888	ng	99
17) 2-Methylphenol	7.07	107	434454	43.624	ng	100
18) Hexachloroethane	7.33	117	200827	45.798	ng	92
19) n-Nitroso-di-n-propylamine	7.23	70	349753	46.684	ng	98
20) 3+4-Methylphenols	7.22	107	475331	37.520	ng	95
22) Acetophenone	7.23	105	652755	44.565	ng	# 96
24) Nitrobenzene	7.40	77	558594	45.950	ng	99
25) Isophorone	7.64	82	1051225	46.699	ng	98
26) 2-Nitrophenol	7.72	139	288100	49.900	ng	99
27) 2,4-Dimethylphenol	7.75	122	469050	50.037	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	657837	47.874	ng	98
29) 2,4-Dichlorophenol	7.96	162	460293	48.053	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	481970	45.351	ng	99
31) Naphthalene	8.12	128	1505659	44.975	ng	99
32) Benzoic acid	7.88	122	349791	49.709	ng	94
33) 4-Chloroaniline	8.17	127	181076	12.125	ng	97
34) Hexachlorobutadiene	8.24	225	267951	42.770	ng	99
35) Caprolactam	8.54	113	75100	24.448	ng	92
36) 4-Chloro-3-methylphenol	8.65	107	488543	49.729	ng	99
37) 2-Methylnaphthalene	8.82	142	1039571	47.825	ng	99
38) 1-Methylnaphthalene	8.91	142	988199	48.001	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	438039	43.082	ng	99

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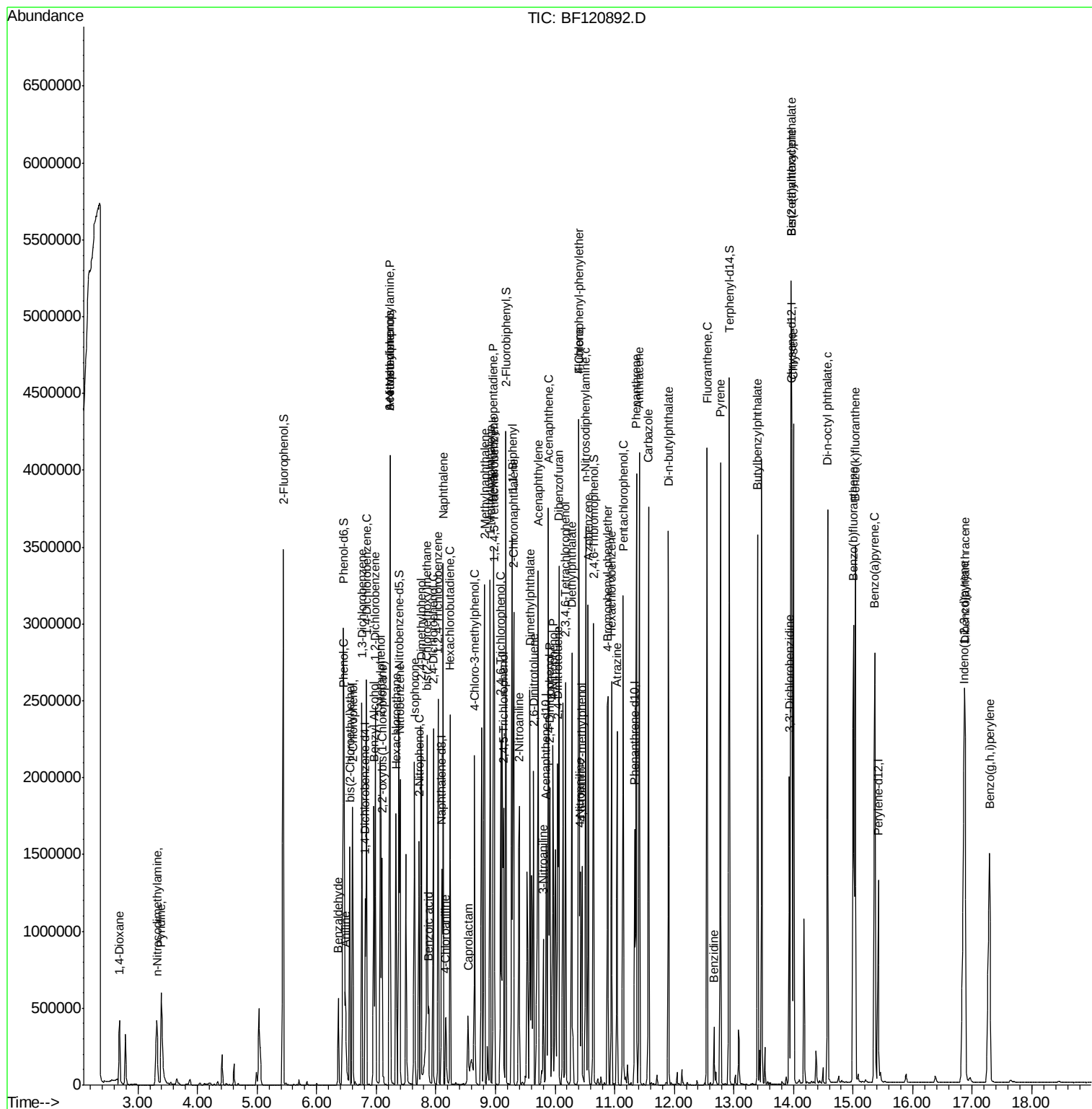
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	485194	86.342	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	347868	48.592	ng	97
44) 2,4,5-Trichlorophenol	9.13	196	381106	46.931	ng	99
46) 1,1'-Biphenyl	9.28	154	1218953	45.791	ng	99
47) 2-Chloronaphthalene	9.30	162	971753	44.774	ng	98
48) 2-Nitroaniline	9.40	65	319103	48.652	ng	93
49) Acenaphthylene	9.72	152	1571772	46.617	ng	99
50) Dimethylphthalate	9.58	163	1220779	48.489	ng	98
51) 2,6-Dinitrotoluene	9.64	165	276942	51.201	ng	95
52) Acenaphthene	9.89	154	971587	45.325	ng	99
53) 3-Nitroaniline	9.80	138	150392	22.169	ng	98
54) 2,4-Dinitrophenol	9.92	184	296980	94.074	ng	# 80
55) Dibenzofuran	10.06	168	1423623	45.925	ng	99
56) 4-Nitrophenol	9.97	139	472022	91.599	ng	99
57) 2,4-Dinitrotoluene	10.05	165	375128	52.812	ng	98
58) Fluorene	10.40	166	998359	43.183	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	326406	52.792	ng	98
60) Diethylphthalate	10.28	149	1228231	48.231	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	485429	39.365	ng	96
62) 4-Nitroaniline	10.42	138	288183	43.611	ng	99
63) Azobenzene	10.56	77	1136543	46.881	ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	201983	50.246	ng	98
66) n-Nitrosodiphenylamine	10.52	169	1025444	47.115	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	347100	44.997	ng	93
68) Hexachlorobenzene	10.95	284	393162	47.117	ng	92
69) Atrazine	11.04	200	308853	57.299	ng	97
70) Pentachlorophenol	11.14	266	454665	95.112	ng	100
71) Phenanthrene	11.36	178	1610600	45.263	ng	99
72) Anthracene	11.42	178	1657178	46.380	ng	99
73) Carbazole	11.57	167	1603529	45.222	ng	99
74) Di-n-butylphthalate	11.90	149	1936996	47.336	ng	100
75) Fluoranthene	12.55	202	1820035	46.146	ng	98
77) Benzidine	12.67	184	153846	10.608	ng	99
78) Pyrene	12.78	202	1837857	47.126	ng	99
80) Butylbenzylphthalate	13.40	149	867020	49.871	ng	99
81) Benzo(a)anthracene	13.97	228	1443450	43.213	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	401312	31.845	ng	99
83) Chrysene	14.00	228	1665498	47.446	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	934975	43.613	ng	100
85) Di-n-octyl phthalate	14.57	149	2042264	47.883	ng	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1754121	44.480	ng	100
88) Benzo(b)fluoranthene	15.00	252	1830257	53.398	ng	99
89) Benzo(k)fluoranthene	15.04	252	1528871	48.909	ng	99
90) Benzo(a)pyrene	15.36	252	1529234	48.901	ng	98
91) Dibenzo(a,h)anthracene	16.87	278	1466368	45.520	ng	98
92) Benzo(g,h,i)perylene	17.29	276	1400652	44.098	ng	99

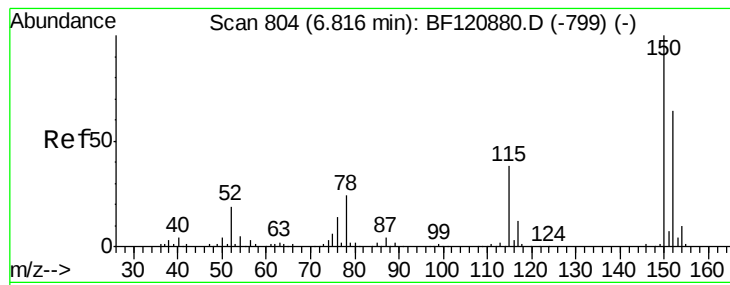
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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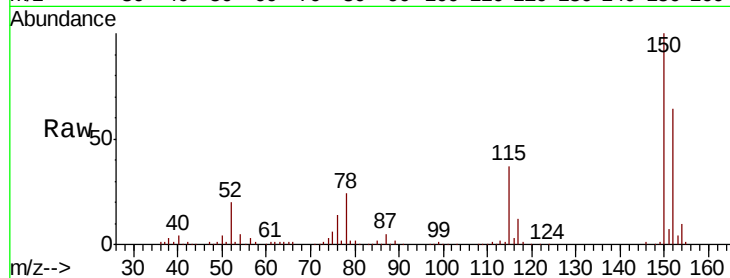


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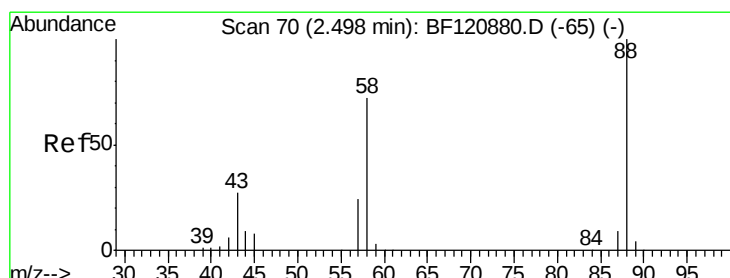
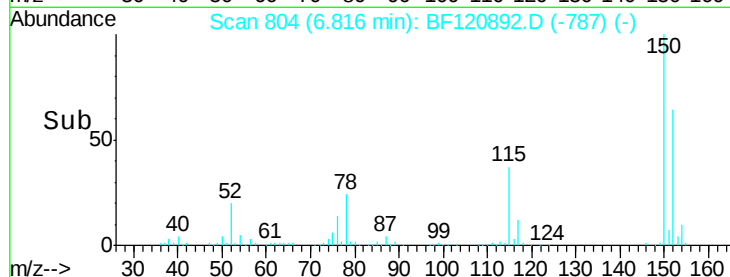
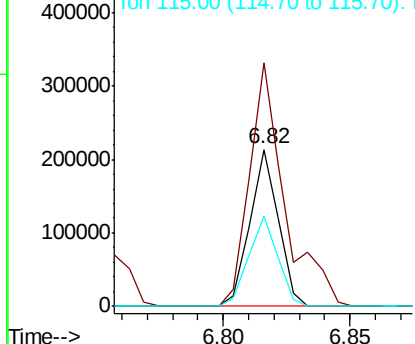
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
SU-03-071420MS

Tot Ion:152 Resp: 167209
Ion Ratio Lower Upper
152 100
150 155.1 125.0 187.6
115 57.5 47.0 70.4



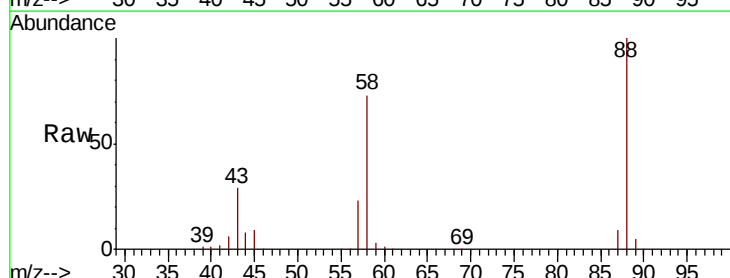
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



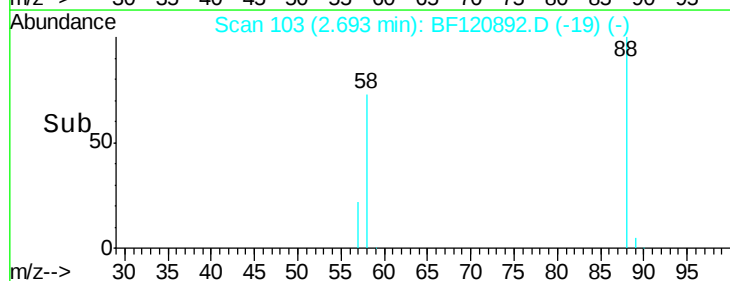
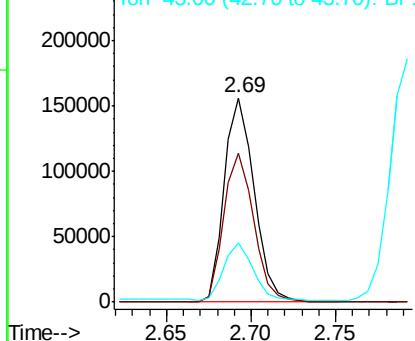
#2

1,4-Dioxane
Concen: 41.127 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.19 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

Tgt Ion: 88 Resp: 193057
Ion Ratio Lower Upper
88 100
58 73.2 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

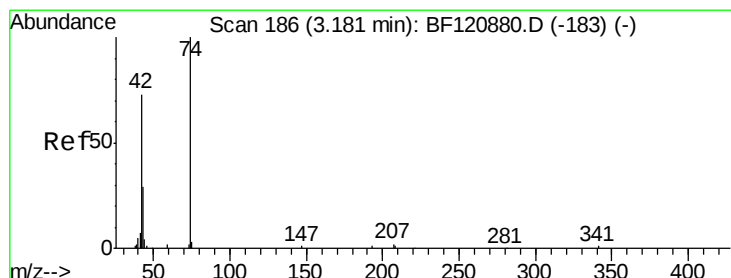
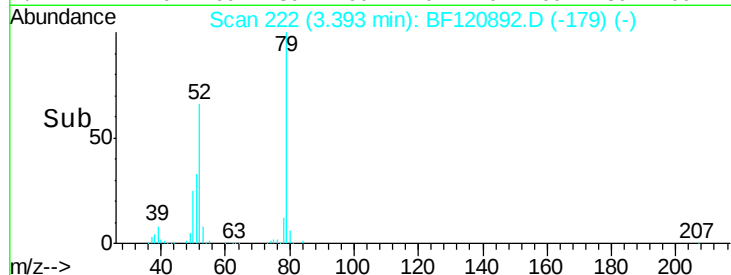
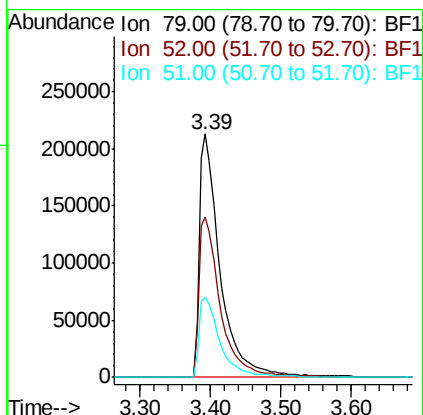
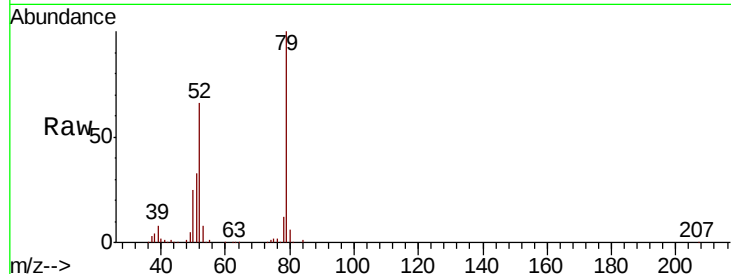




#3
 Pvridine
 Concen: 35.169 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.15 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

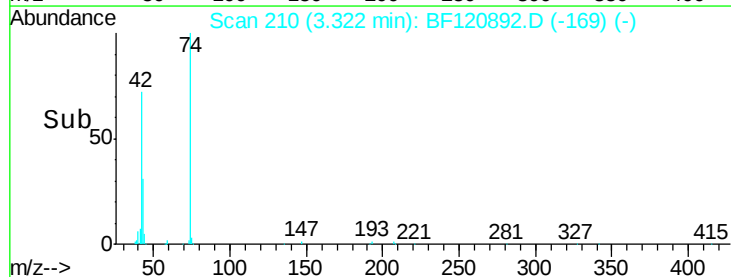
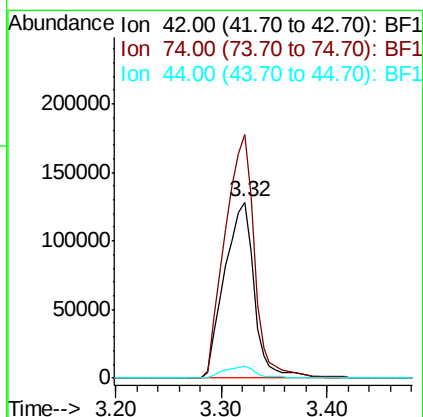
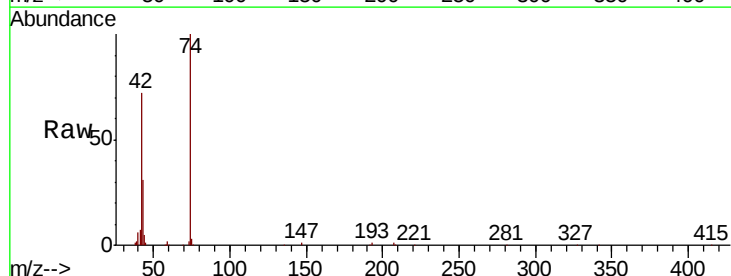
Instrument :
 BNA_F
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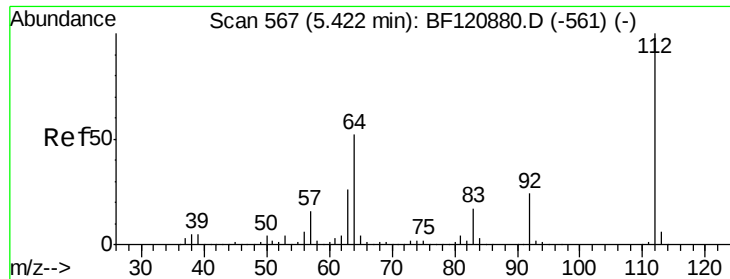
Tot Ion: 79 Resp: 439169
 Ion Ratio Lower Upper
 79 100
 52 65.8 55.0 82.6
 51 32.9 26.9 40.3



#4
 n-Nitrosodimethylamine
 Concen: 47.066 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.14 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

Tgt Ion: 42 Resp: 251320
 Ion Ratio Lower Upper
 42 100
 74 138.5 108.7 163.1
 44 6.9 5.2 7.8





#5

2-Fluorophenol

Concen: 107.882 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MS

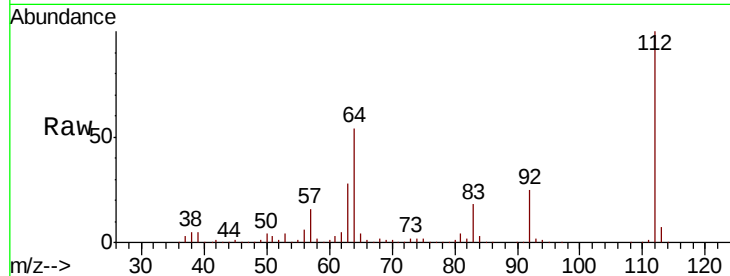
Tot Ion:112 Resp: 1100363

Ion Ratio Lower Upper

112 100

64 54.2 41.3 61.9

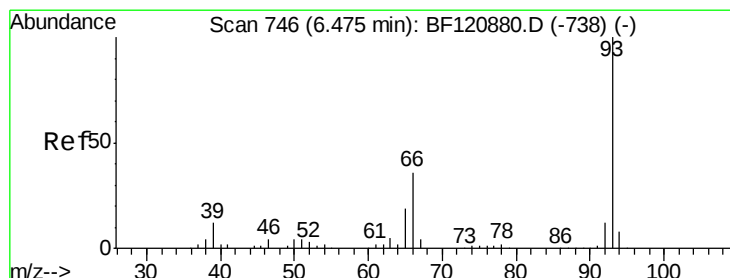
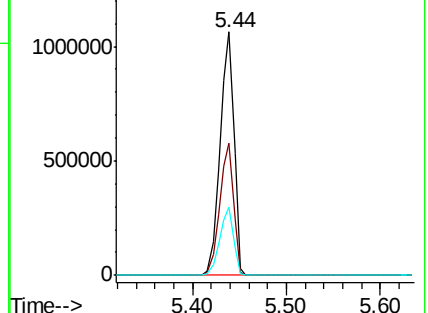
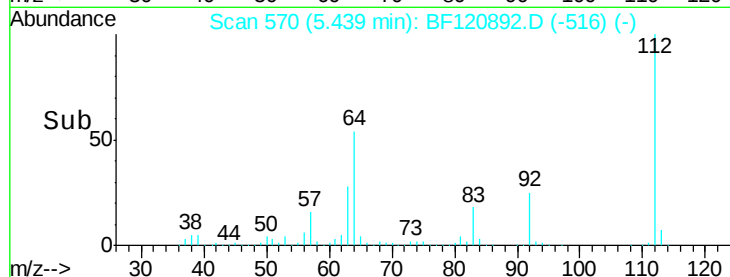
63 27.8 21.1 31.7



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: 21.308 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

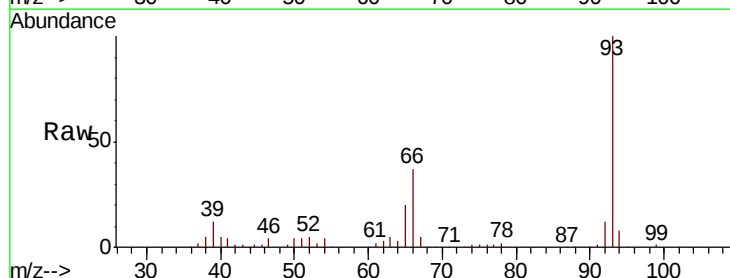
Tgt Ion: 93 Resp: 366460

Ion Ratio Lower Upper

93 100

66 37.2 30.2 45.4

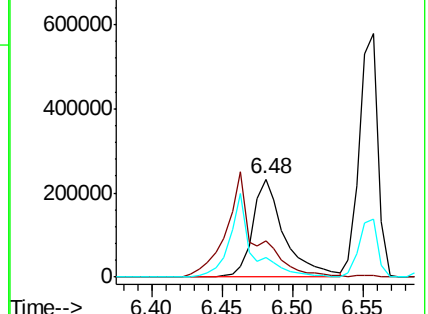
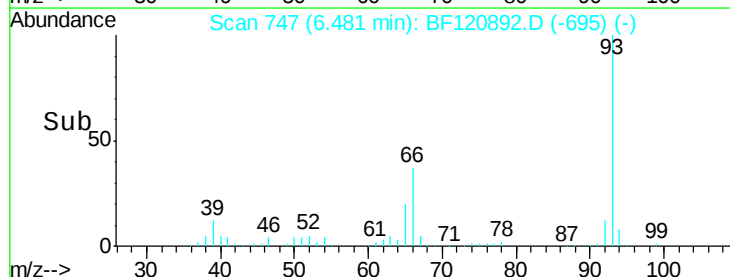
65 19.7 15.8 23.6



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: 96.725 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

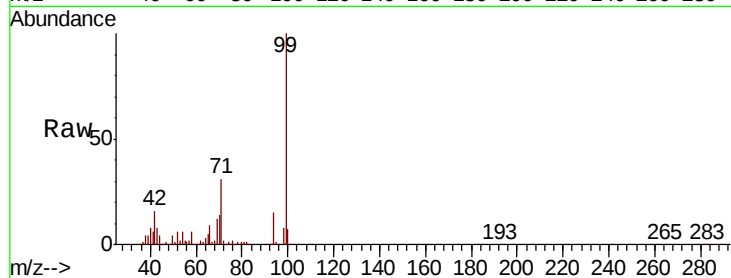
BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1274384

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.1	19.7
71	30.8	24.2	36.4

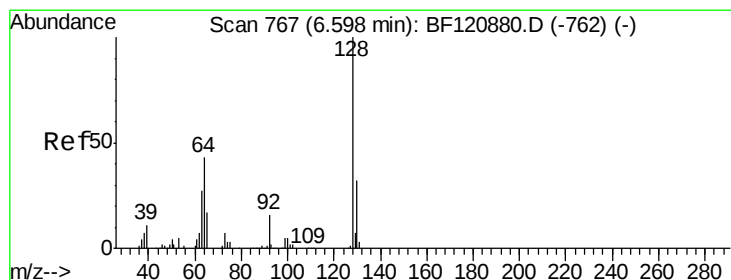
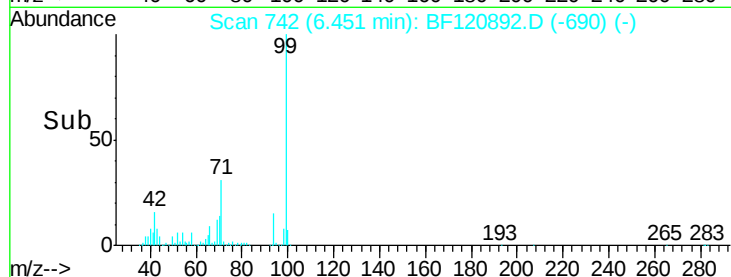
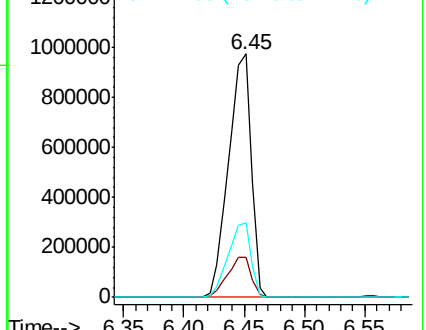


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 49.561 ng

RT: 6.60 min Scan# 768

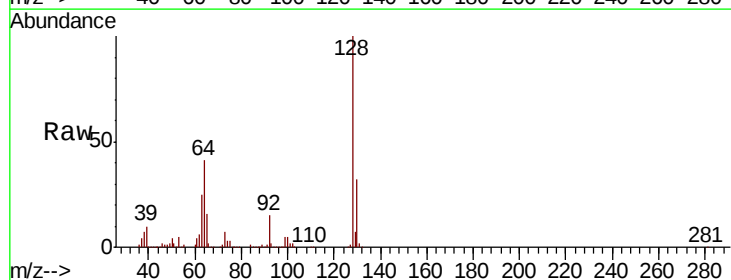
Delta R.T. 0.01 min

Lab File: BF120892.D

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Tgt Ion: 128 Resp: 556879

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.1	52.1
64	40.6	24.0	64.0

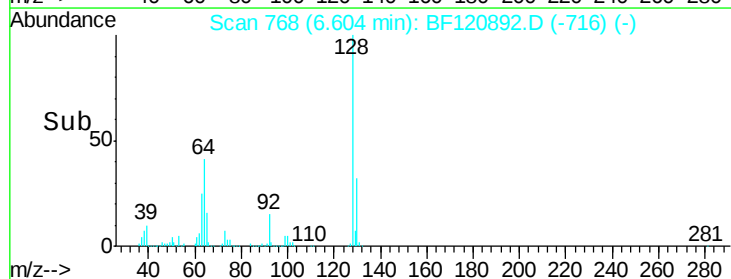
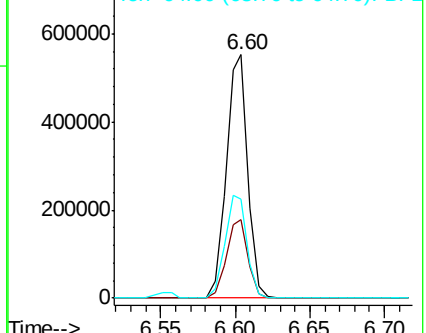


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 11.974 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

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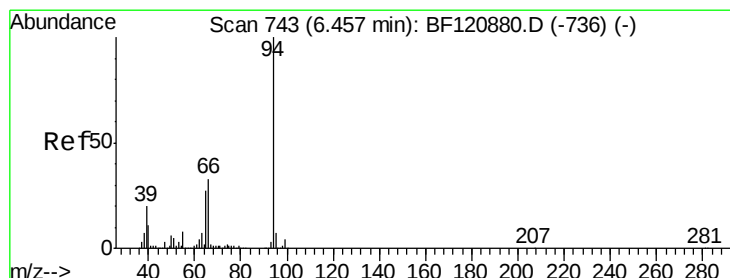
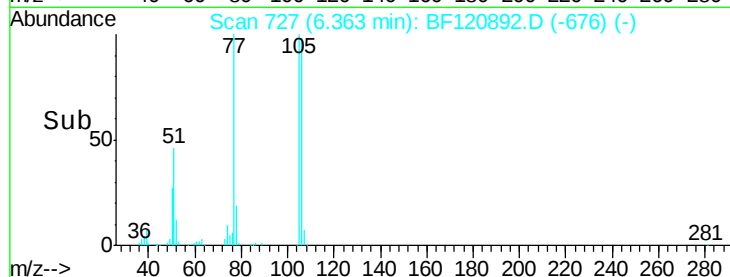
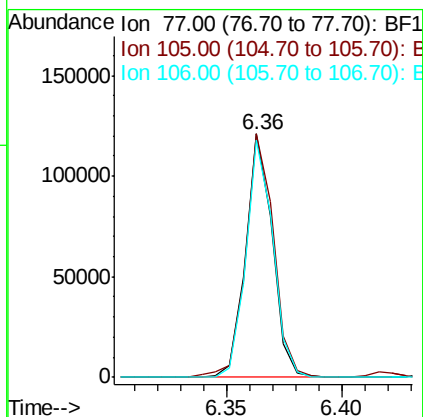
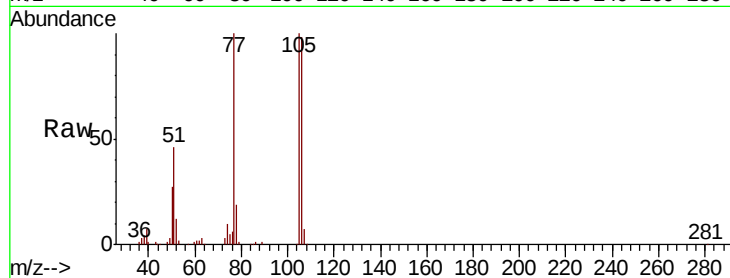
Tot Ion: 77 Resp: 97991

Ion Ratio Lower Upper

77 100

105 100.2 82.5 122.5

106 97.8 78.7 118.7



#10

Phenol

Concen: 40.387 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

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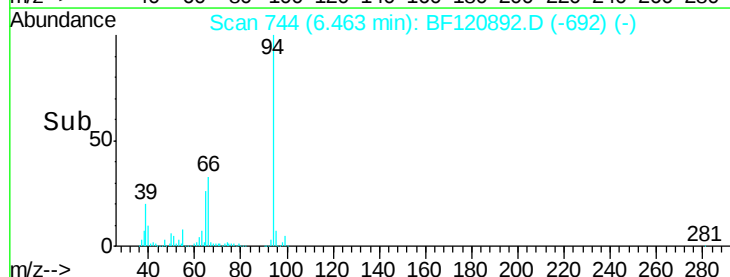
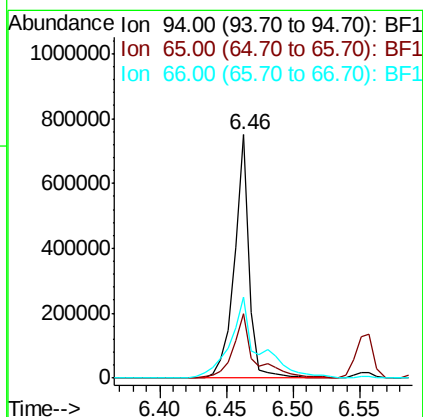
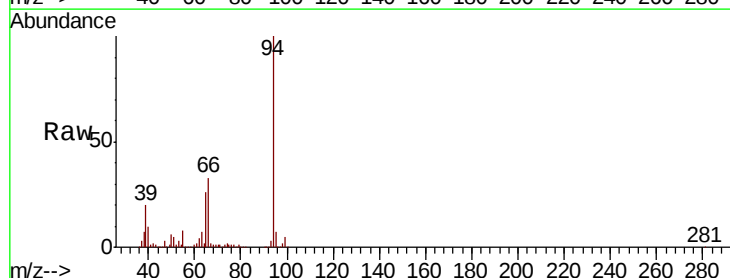
Tgt Ion: 94 Resp: 585336

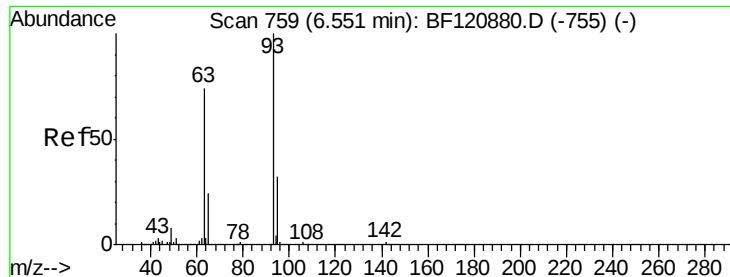
Ion Ratio Lower Upper

94 100

65 26.4 6.6 46.6

66 33.4 13.2 53.2

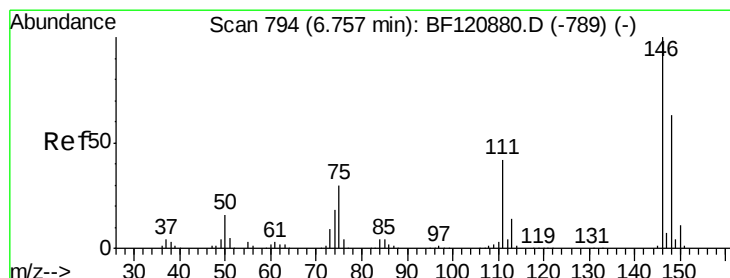
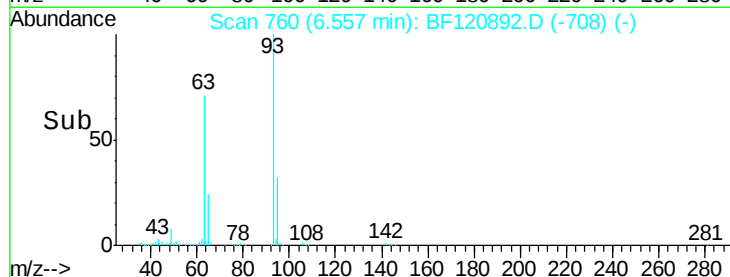
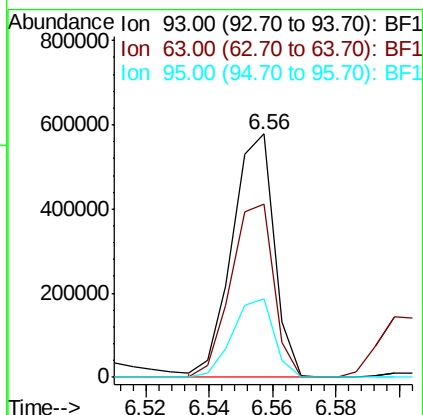
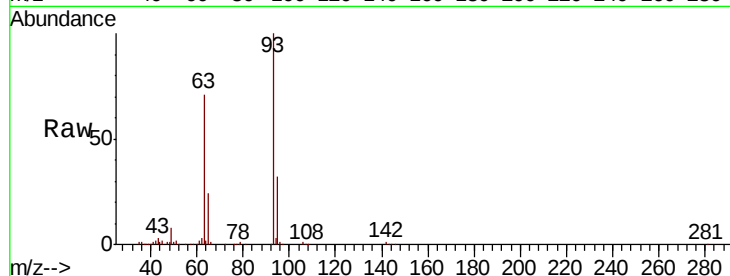




#11
bis(2-Chloroethyl)ether
Concen: 47.648 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

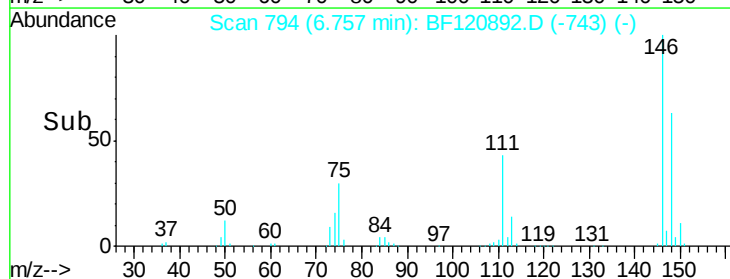
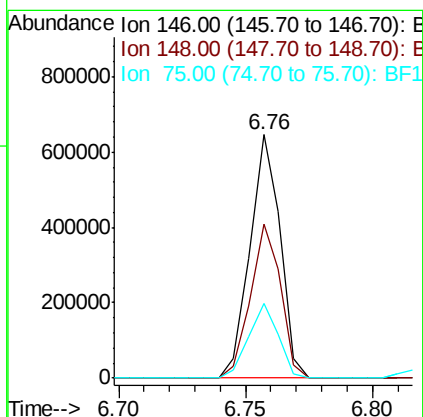
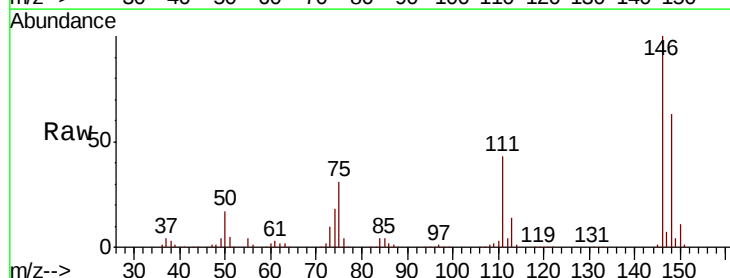
Instrument :
BNA_F
ClientSampleId :
SU-03-071420MS

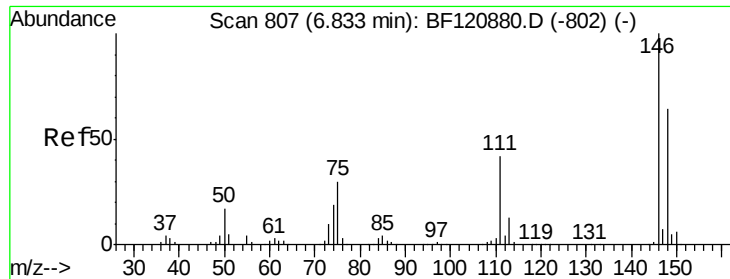
Tot Ion: 93 Resp: 529246
Ion Ratio Lower Upper
93 100
63 71.4 54.2 94.2
95 32.4 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 43.801 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

Tgt Ion: 146 Resp: 533679
Ion Ratio Lower Upper
146 100
148 63.1 50.6 75.8
75 30.6 24.1 36.1

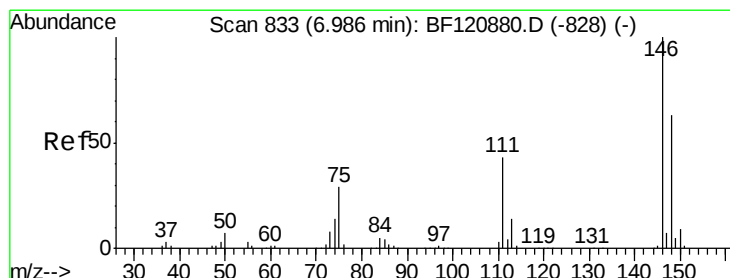
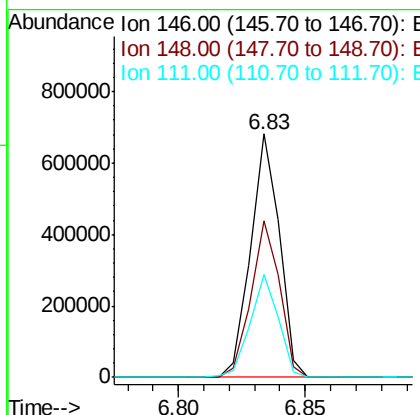
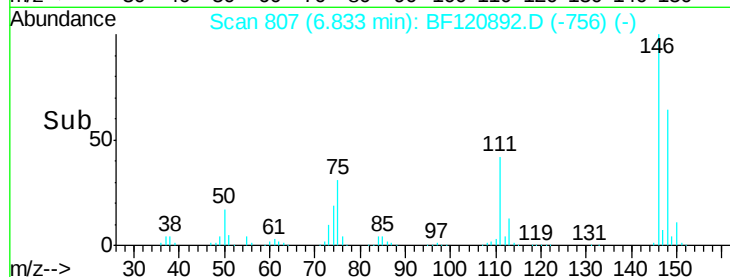
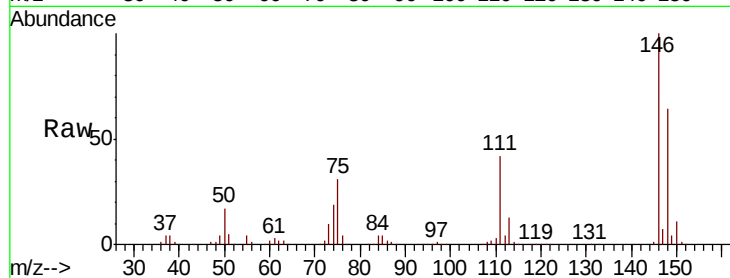




#13
 1,4-Dichlorobenzene
 Concen: 44.441 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

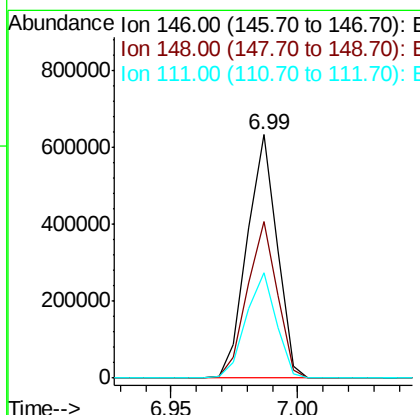
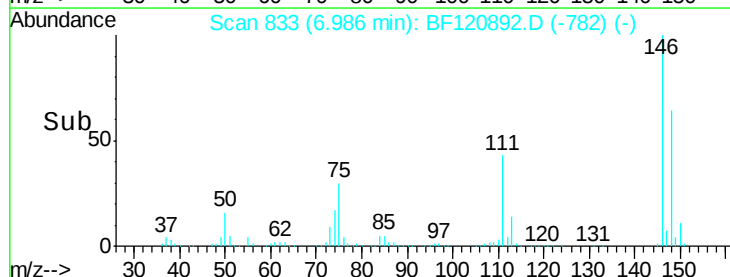
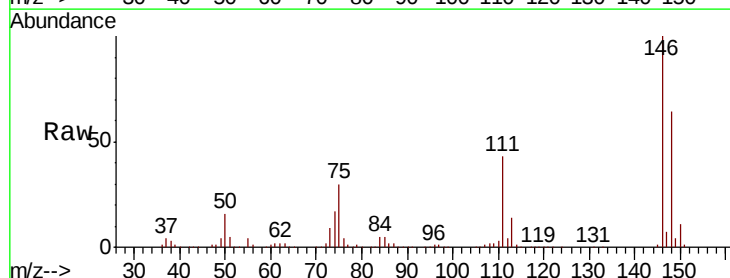
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.6	77.4
111	42.0	33.5	50.3



#14
 1,2-Dichlorobenzene
 Concen: 45.625 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	76.0
111	43.4	34.2	51.2





#15

Benzyl Alcohol

Concen: 47.419 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MS

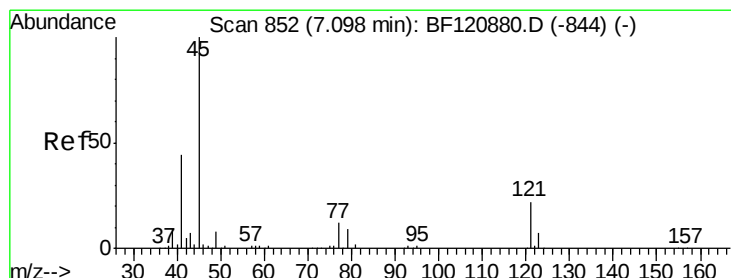
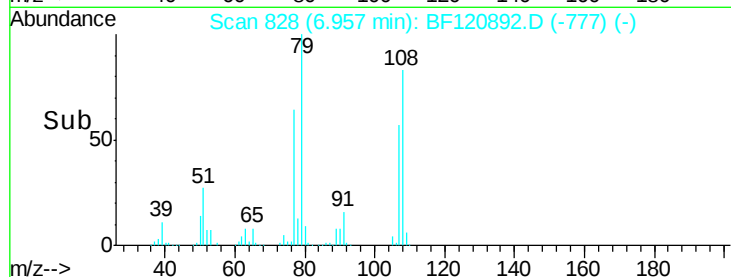
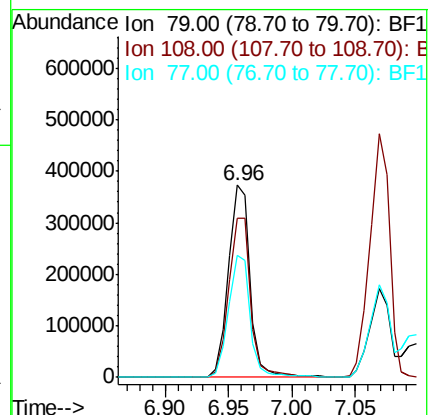
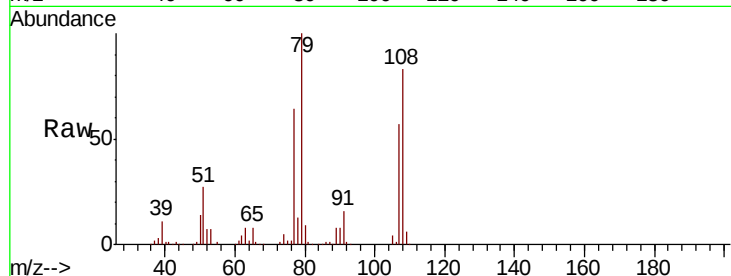
Tot Ion: 79 Resp: 441829

Ion Ratio Lower Upper

79 100

108 82.7 67.0 100.6

77 63.8 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.888 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

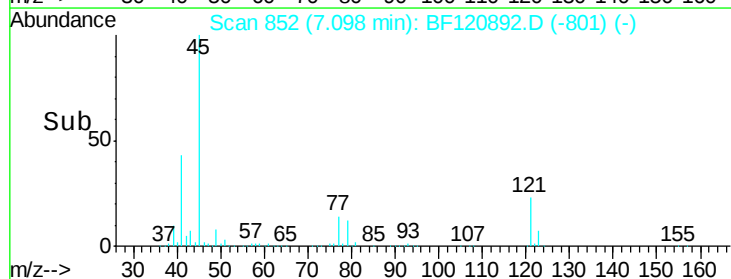
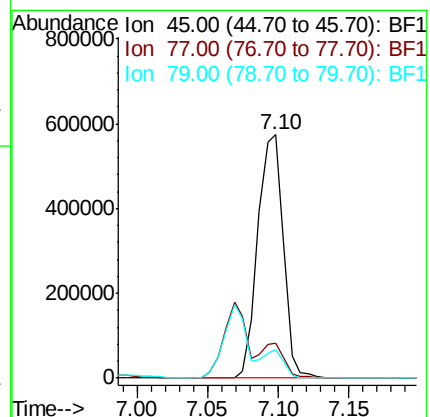
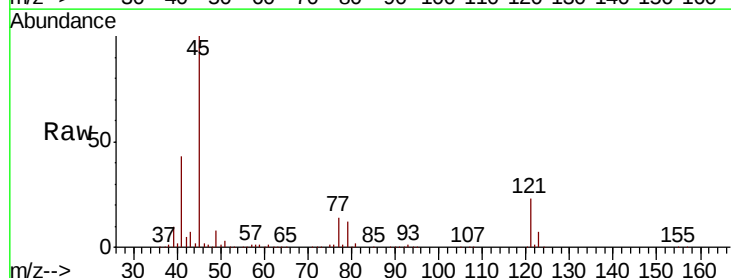
Tgt Ion: 45 Resp: 734665

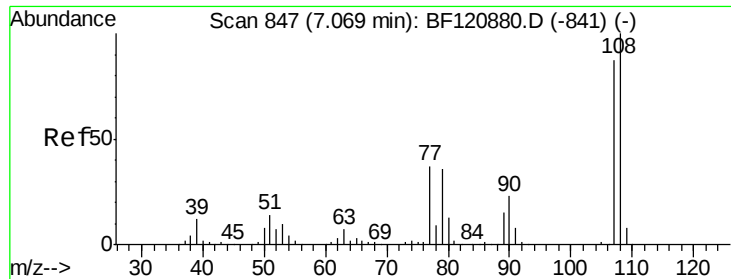
Ion Ratio Lower Upper

45 100

77 14.5 0.0 34.3

79 11.5 0.0 31.0

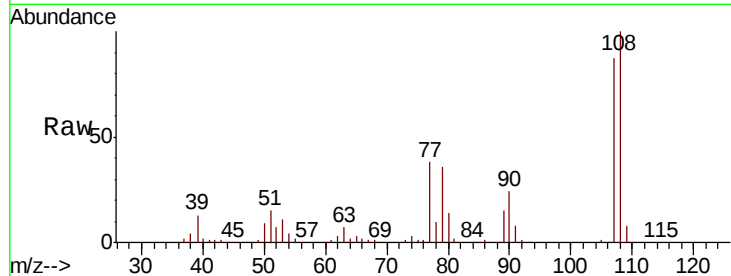




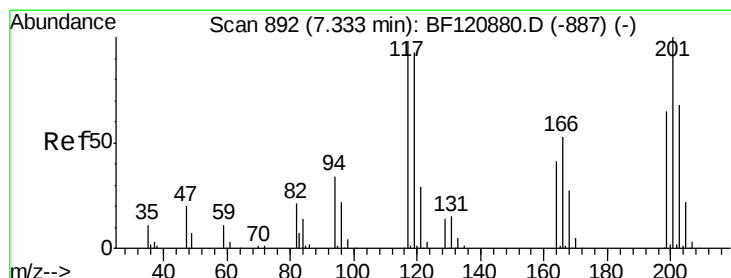
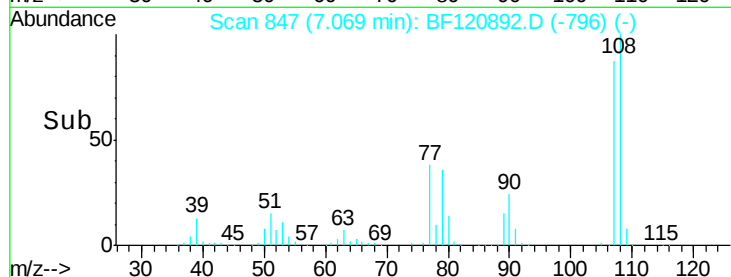
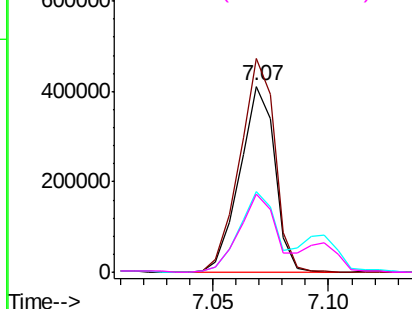
#17
2-Methylphenol
Concen: 43.624 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
SU-03-071420MS

Tot Ion:107 Resp: 434454
Ion Ratio Lower Upper
107 100
108 114.9 92.0 138.0
77 43.5 34.0 51.0
79 41.8 33.3 49.9

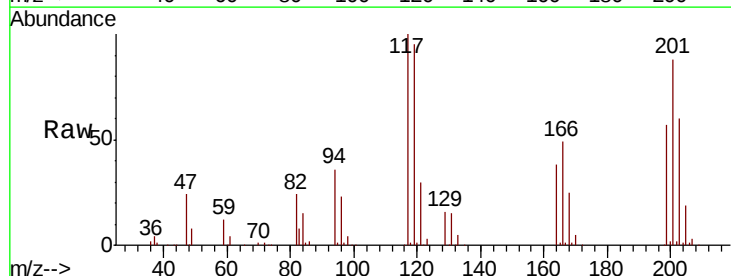


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

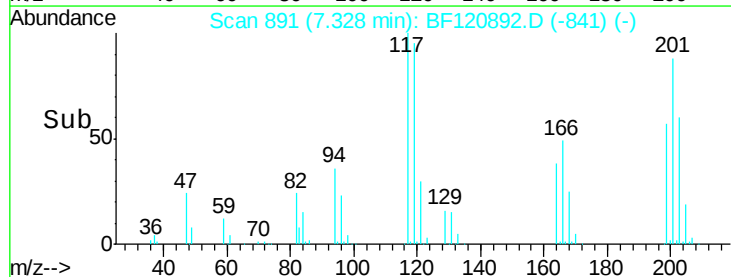
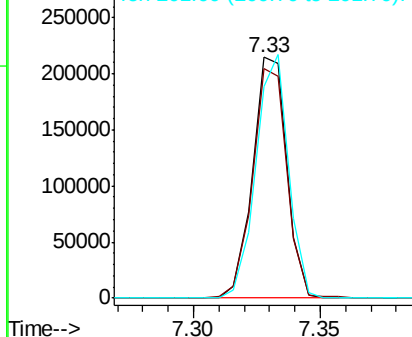


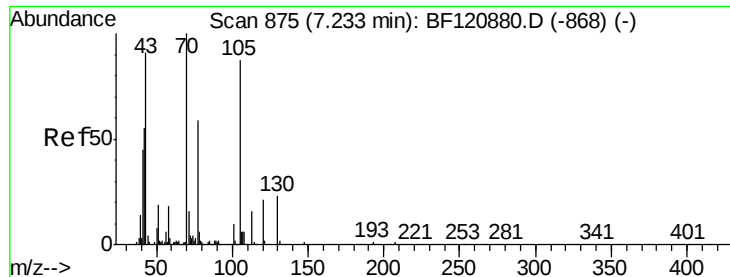
#18
Hexachloroethane
Concen: 45.798 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

Tgt Ion:117 Resp: 200827
Ion Ratio Lower Upper
117 100
119 95.5 76.0 114.0
201 87.6 81.7 122.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

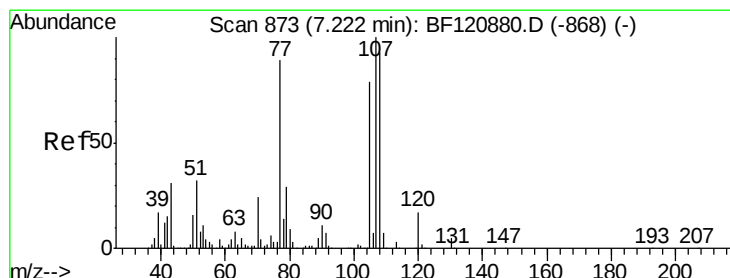
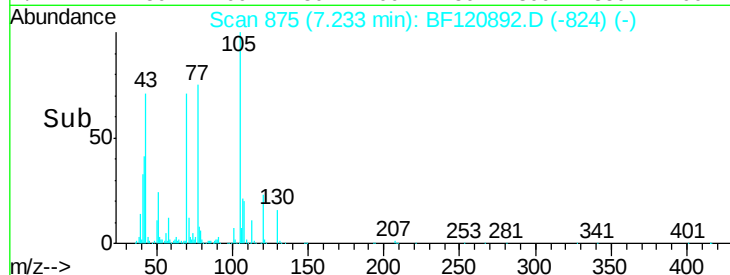
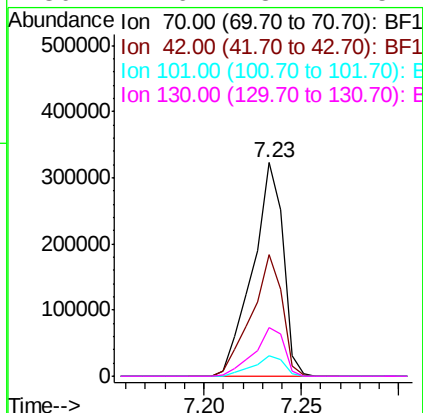
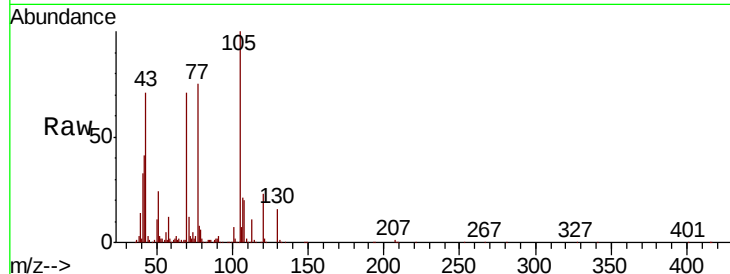




#19
n-Nitroso-di-n-propylamine
Concen: 46.684 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

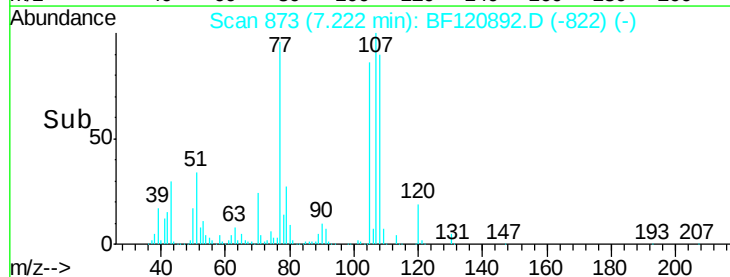
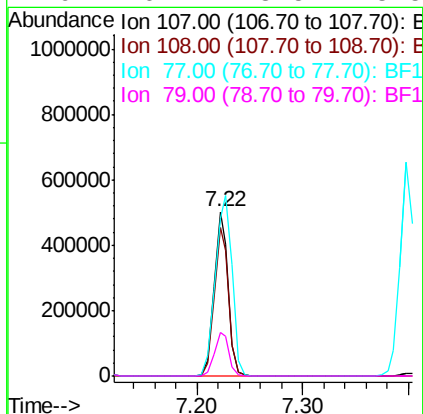
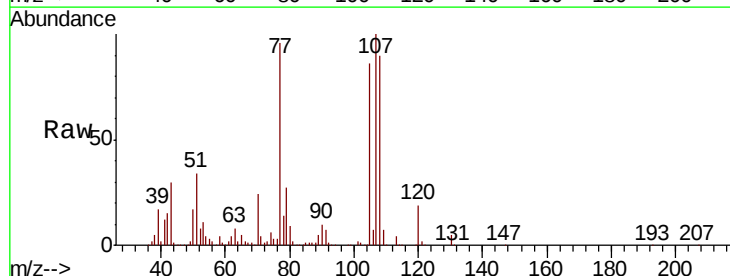
Instrument :
BNA_F
ClientSampleId :
SU-03-071420MS

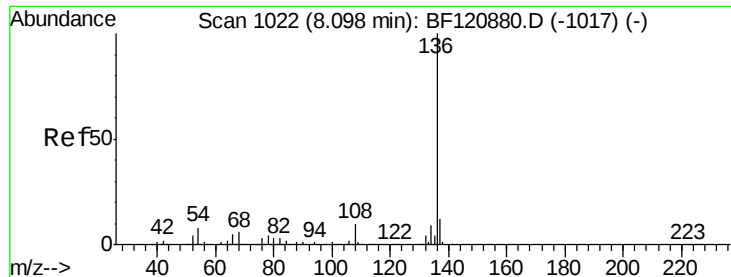
Tot Ion:	70	Resp:	349753
Ion	Ratio	Lower	Upper
70	100		
42	57.2	44.0	66.0
101	9.3	7.8	11.6
130	22.6	18.7	28.1



#20
3+4-Methylphenols
Concen: 37.520 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

Tgt Ion:	107	Resp:	475331
Ion	Ratio	Lower	Upper
107	100		
108	90.3	72.8	112.8
77	95.9	68.7	108.7
79	26.7	8.5	48.5

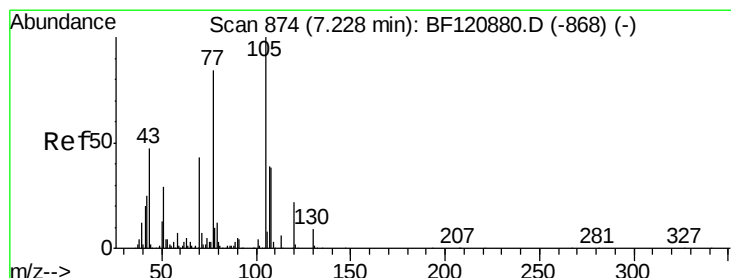
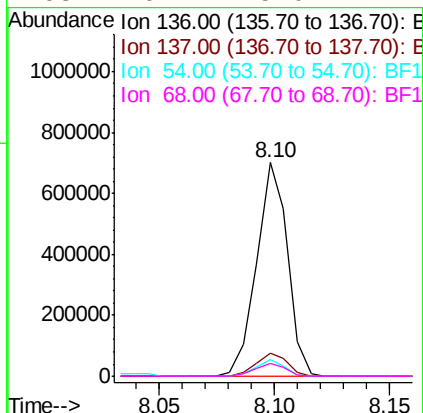
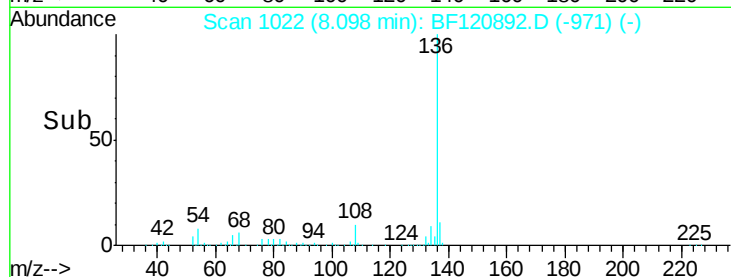
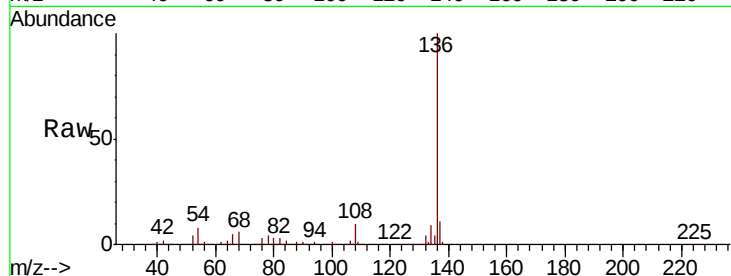




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

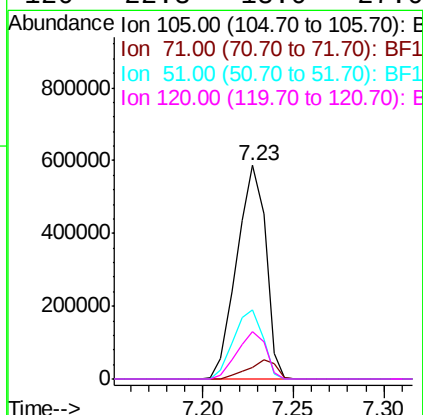
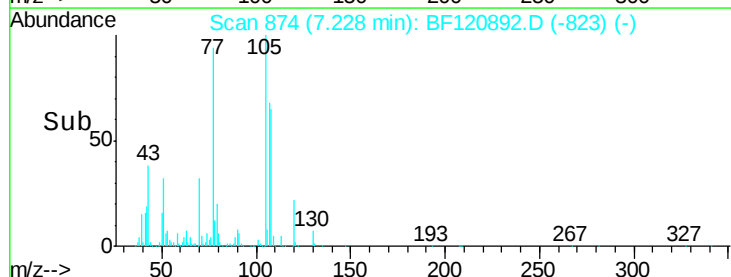
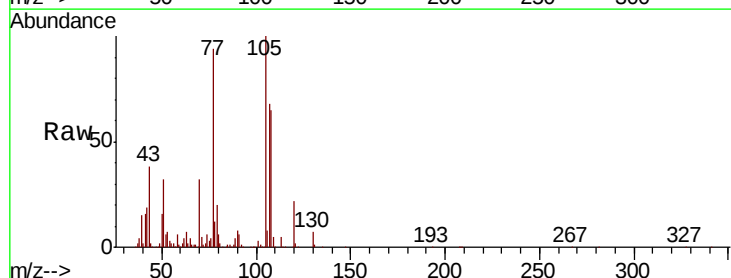
Instrument :
BNA_F
ClientSampleId :
SU-03-071420MS

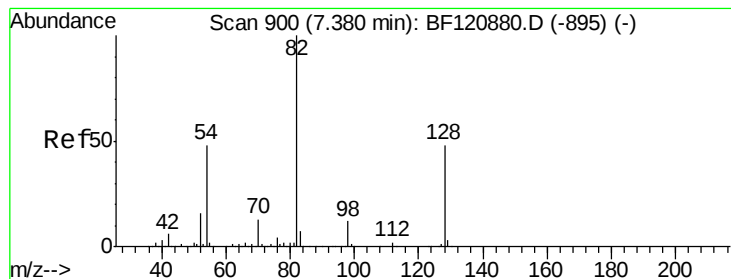
Tot Ion:136	Resp:	652645
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.3 13.9
54	7.8	6.3 9.5
68	6.2	5.0 7.4



#22
Acetophenone
Concen: 44.565 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

Tgt Ion:105	Resp:	652755
Ion Ratio	Lower	Upper
105	100	
71	5.5	5.7 8.5#
51	32.2	22.9 34.3
120	22.3	18.0 27.0





#23

Nitrobenzene-d5

Concen: 81.217 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MS

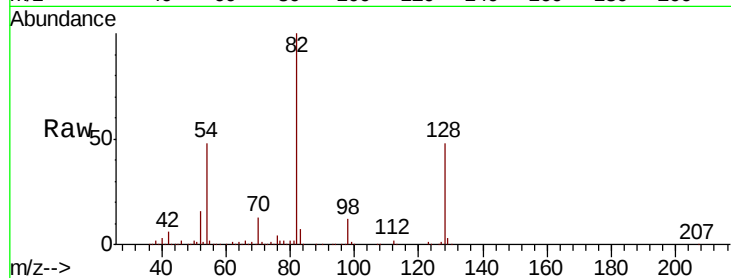
Tot Ion: 82 Resp: 916062

Ion Ratio Lower Upper

82 100

128 48.0 38.2 57.4

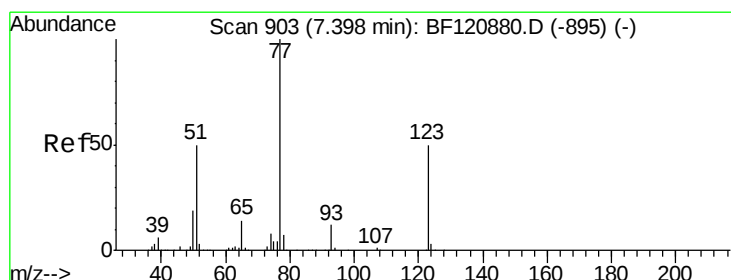
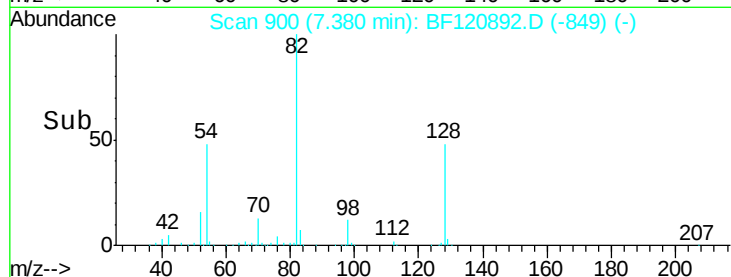
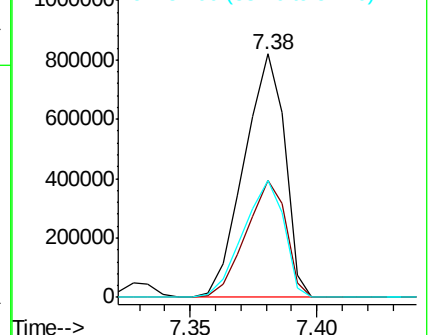
54 47.9 38.7 58.1



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: 45.950 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

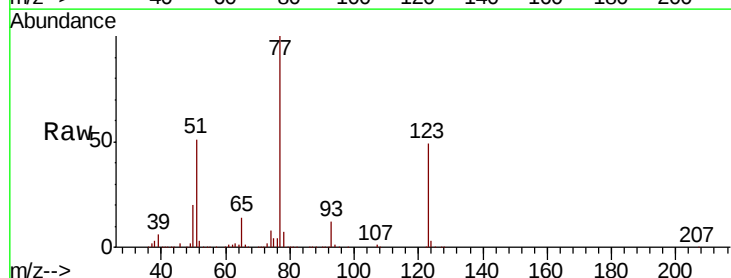
Tgt Ion: 77 Resp: 558594

Ion Ratio Lower Upper

77 100

123 49.3 40.1 60.1

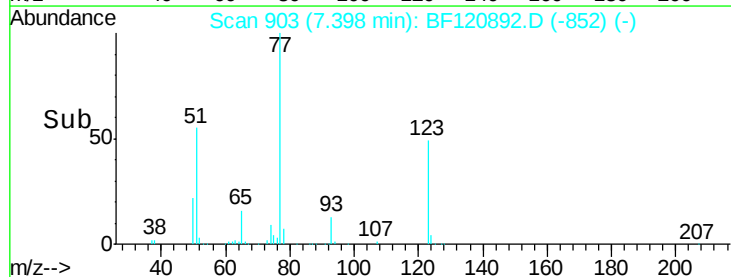
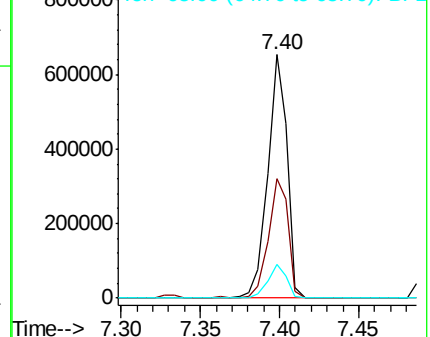
65 13.7 10.8 16.2

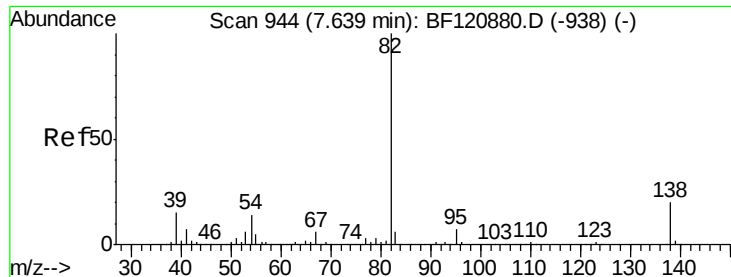


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 46.699 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MS

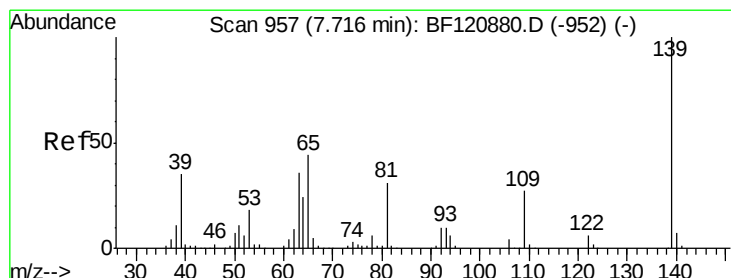
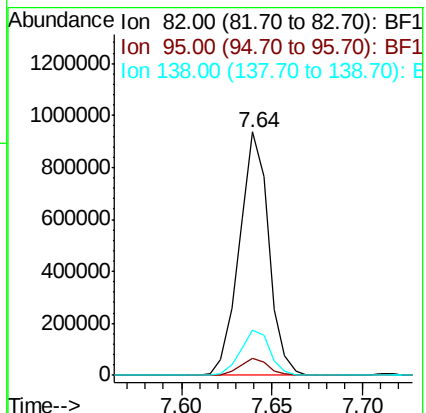
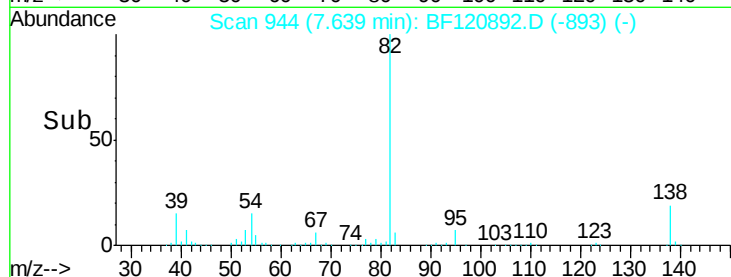
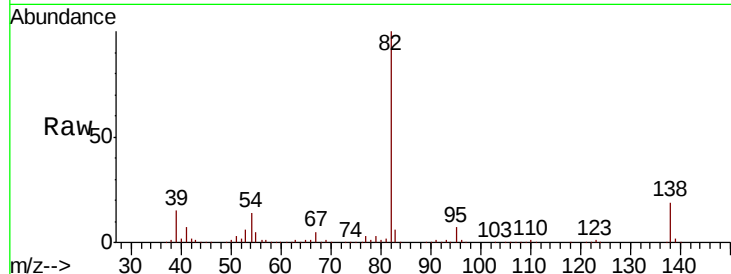
Tot Ion: 82 Resp: 1051225

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

138 18.6 15.6 23.4



#26

2-Nitrophenol

Concen: 49.900 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

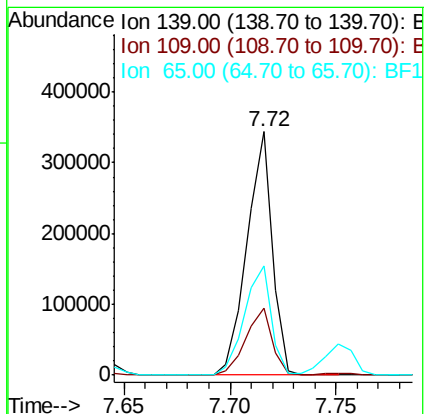
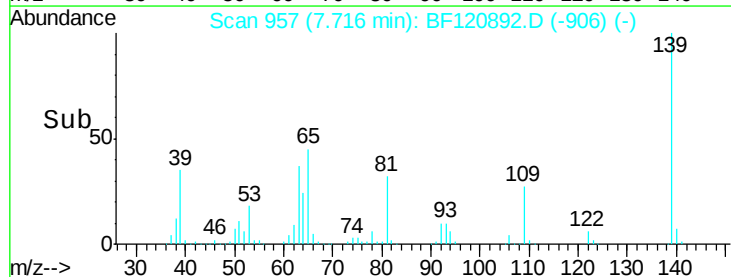
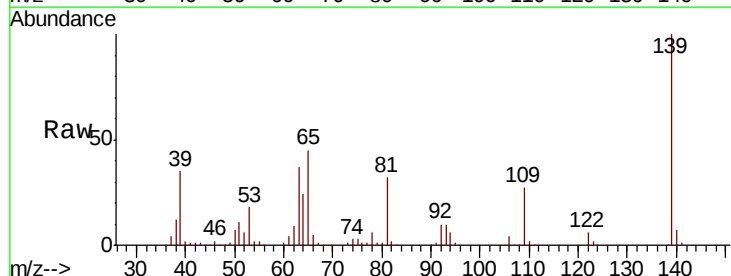
Tgt Ion: 139 Resp: 288100

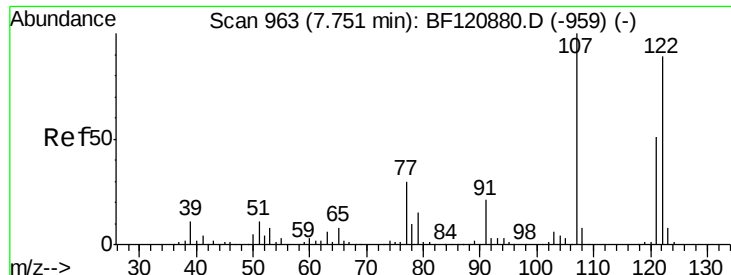
Ion Ratio Lower Upper

139 100

109 27.3 21.6 32.4

65 45.0 35.3 52.9

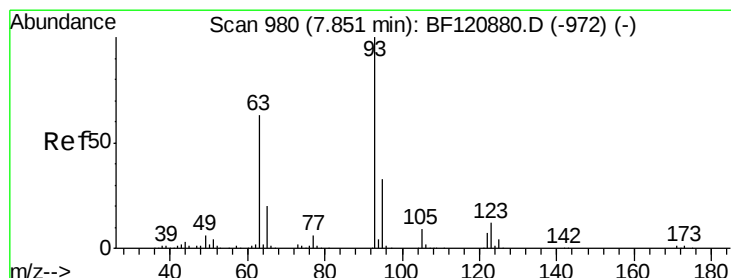
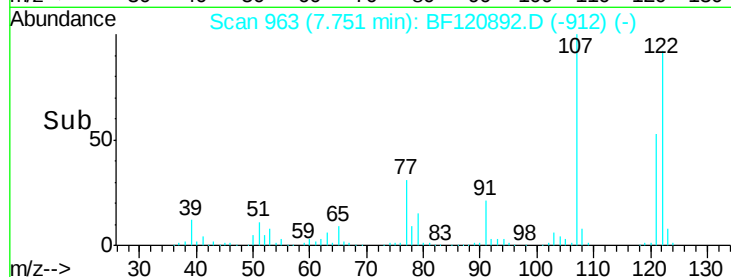
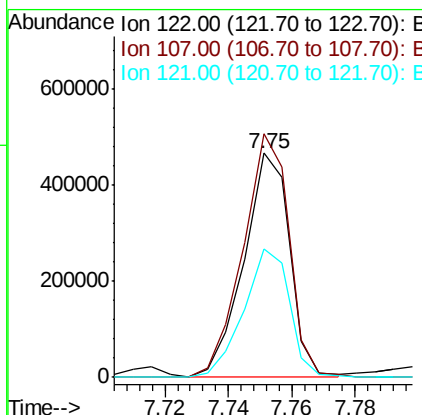
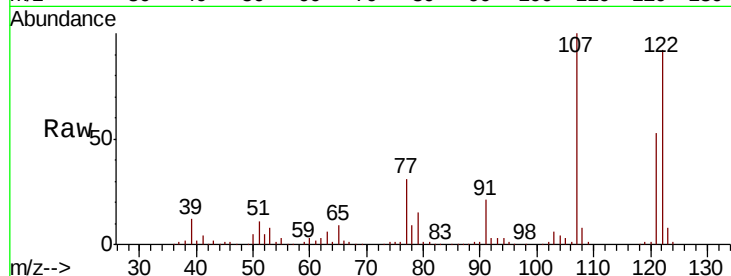




#27
 2,4-Dimethylphenol
 Concen: 50.037 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

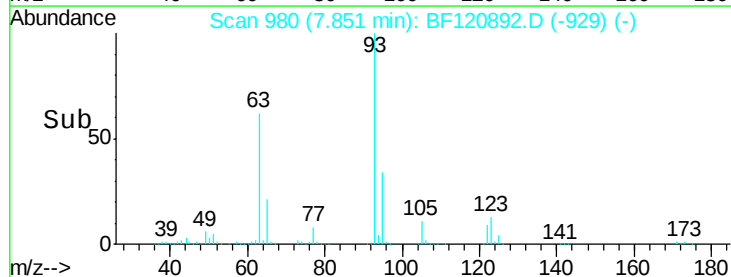
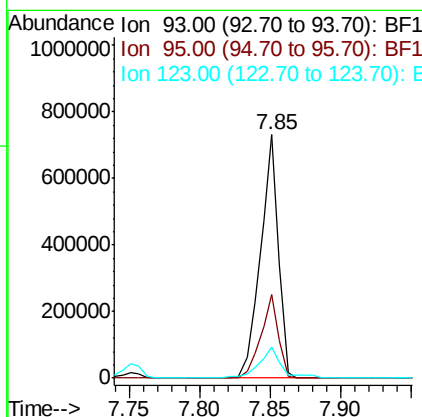
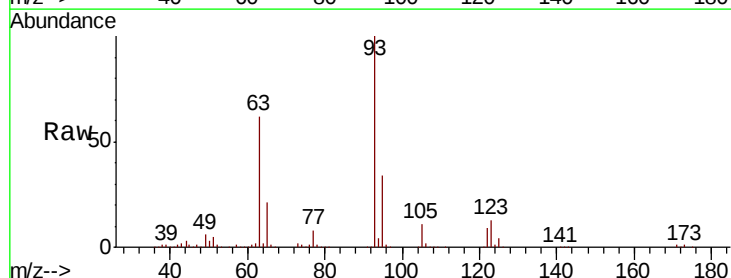
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MS

Tot Ion:122 Resp: 469050
 Ion Ratio Lower Upper
 122 100
 107 108.7 89.4 134.0
 121 57.2 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.874 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

Tgt Ion: 93 Resp: 657837
 Ion Ratio Lower Upper
 93 100
 95 34.4 26.6 39.8
 123 12.5 10.0 15.0

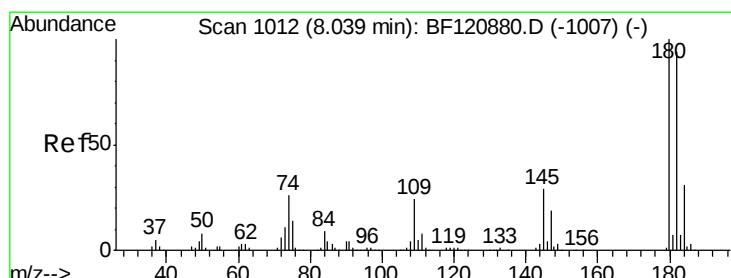
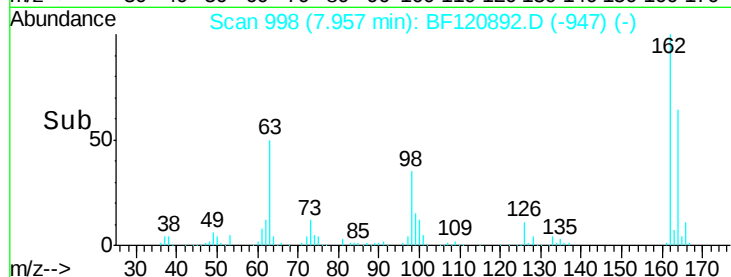
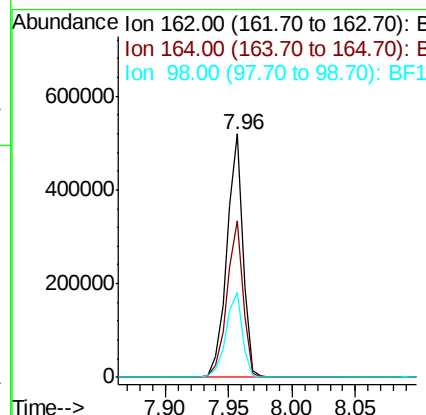
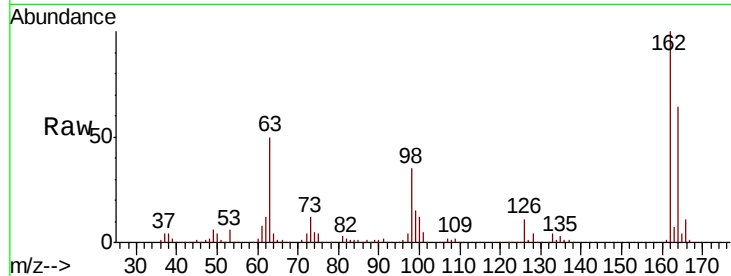




#29
 2,4-Dichlorophenol
 Concen: 48.053 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

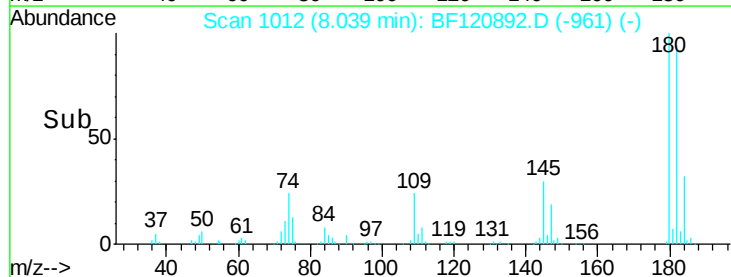
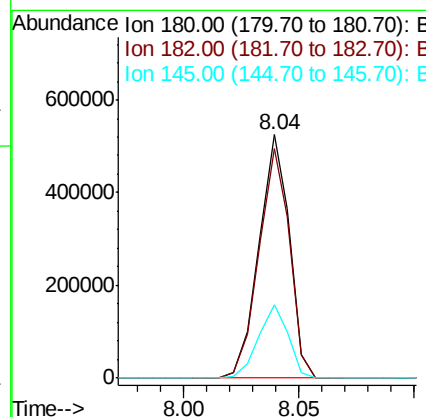
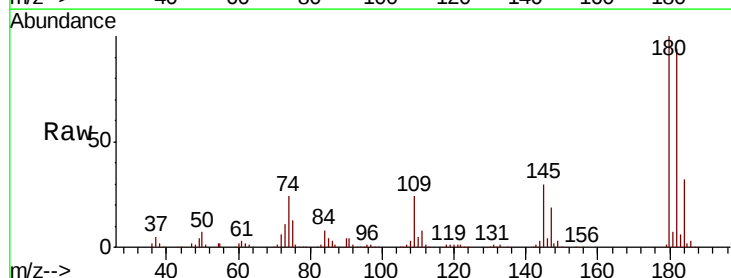
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MS

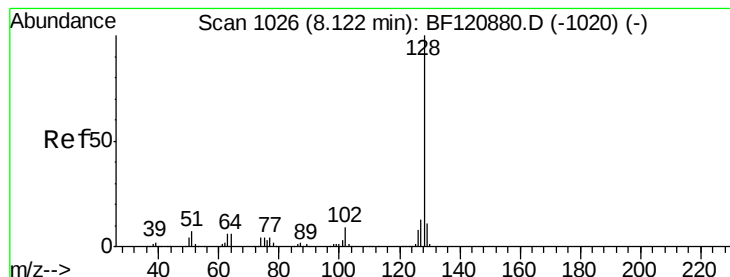
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.3	85.3
98	34.8	13.3	53.3



#30
 1,2,4-Trichlorobenzene
 Concen: 45.351 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.0	112.6
145	30.0	23.5	35.3





#31

Naphthalene

Concen: 44.975 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MS

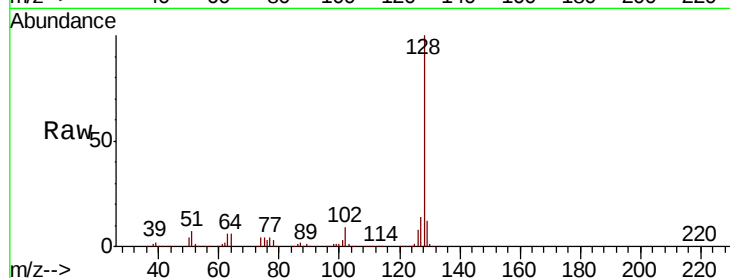
Tot Ion:128 Resp: 1505659

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

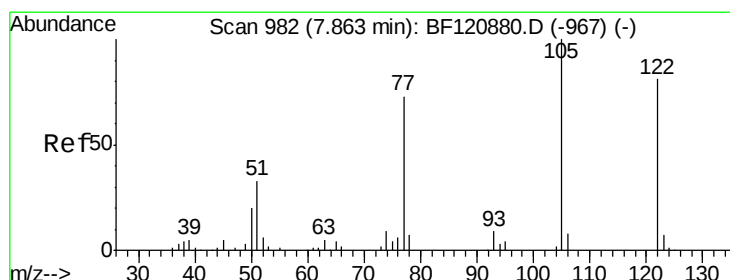
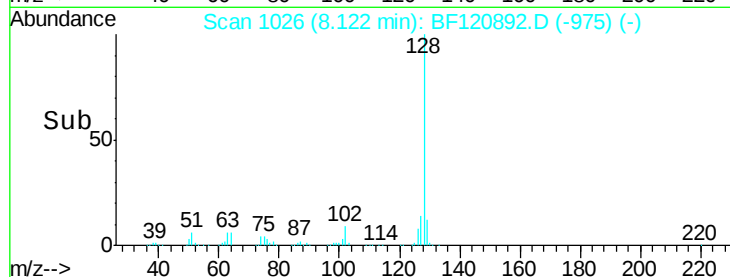
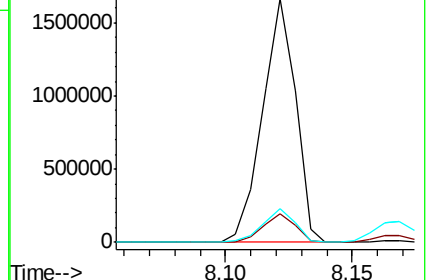
127 13.7 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.709 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.02 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

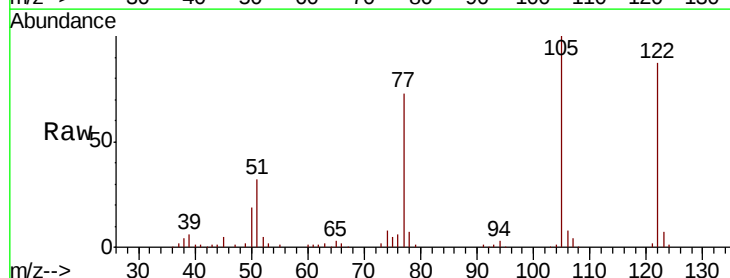
Tgt Ion:122 Resp: 349791

Ion Ratio Lower Upper

122 100

105 114.3 101.3 141.3

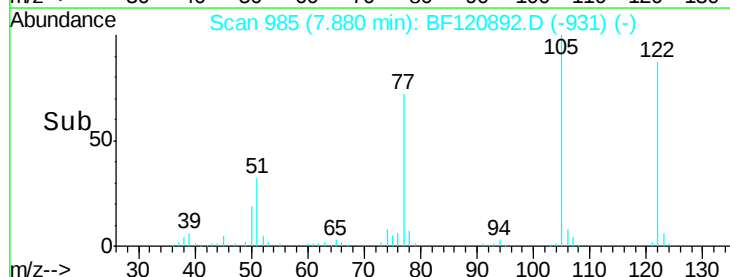
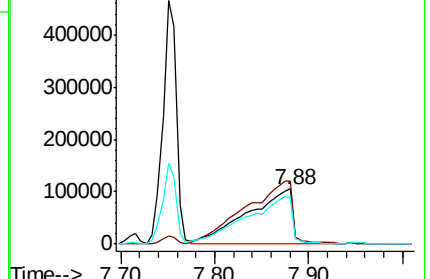
77 83.4 69.1 109.1

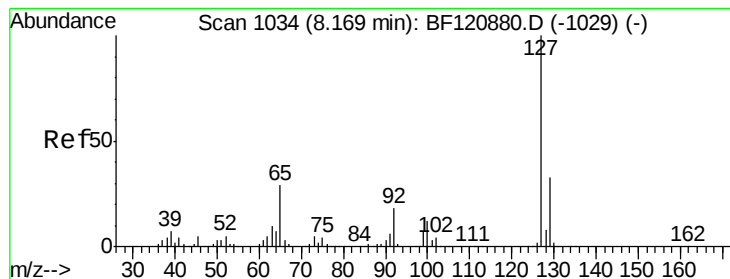


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 12.125 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MS

Tot Ion:127 Resp: 181076

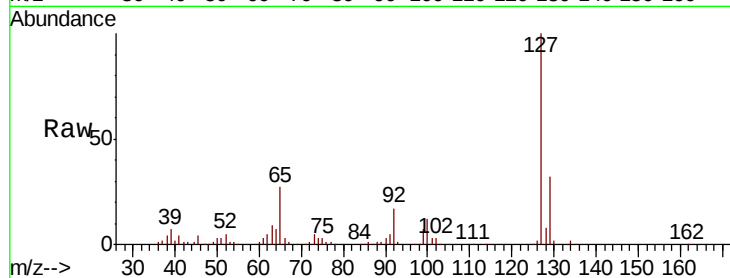
Ion Ratio Lower Upper

127 100

129 31.8 26.5 39.7

65 26.6 23.0 34.4

92 16.9 14.5 21.7

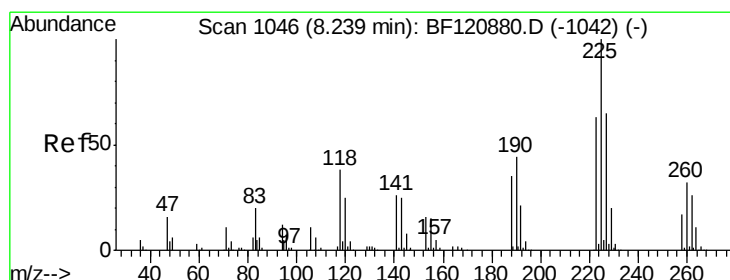
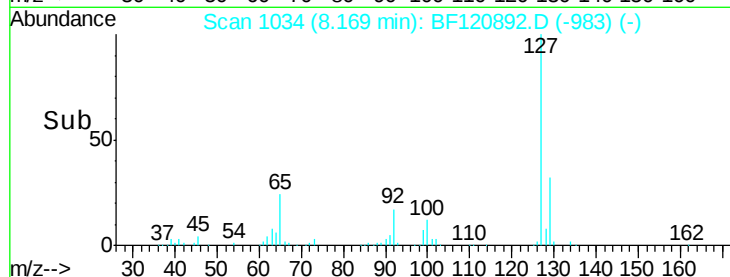
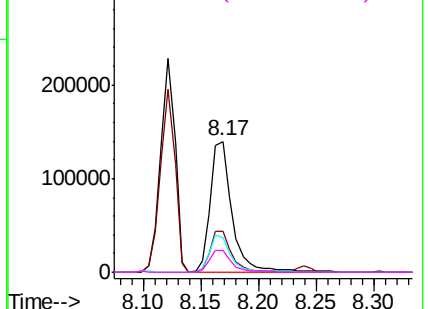


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 42.770 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

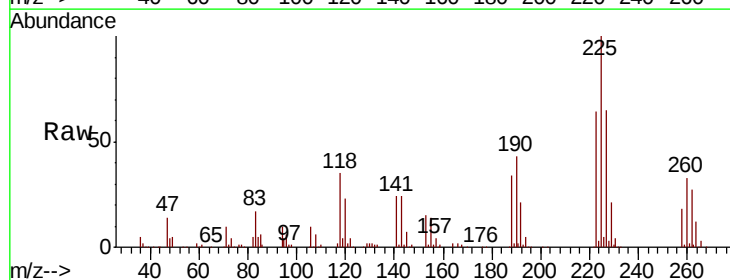
Tgt Ion:225 Resp: 267951

Ion Ratio Lower Upper

225 100

223 63.8 50.6 76.0

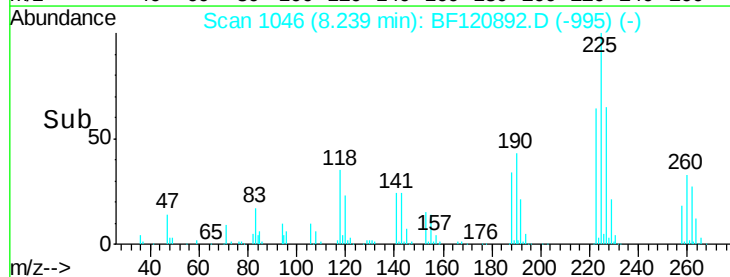
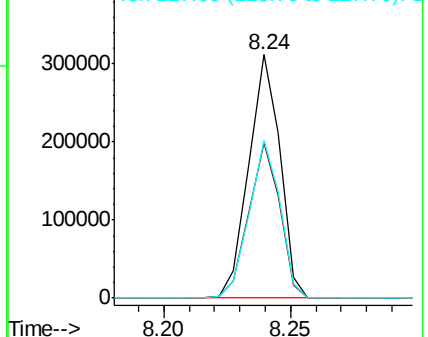
227 64.7 52.2 78.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

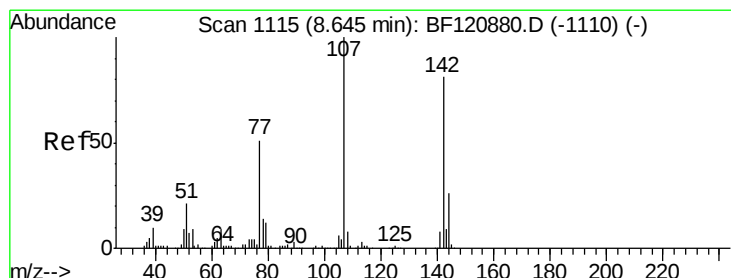
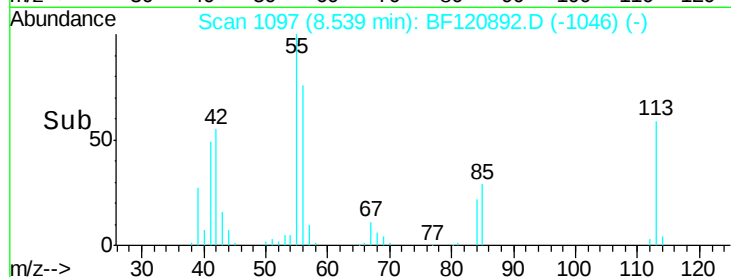
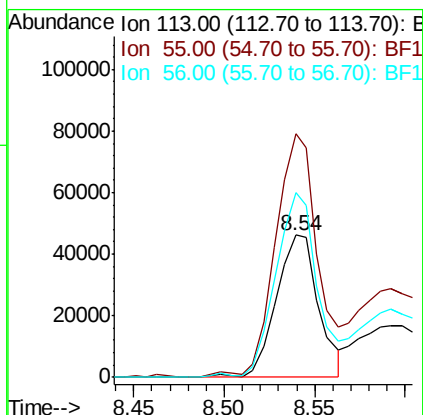
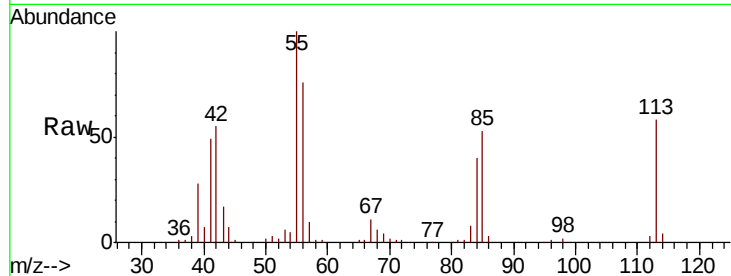




#35
 Caprolactam
 Concen: 24.448 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

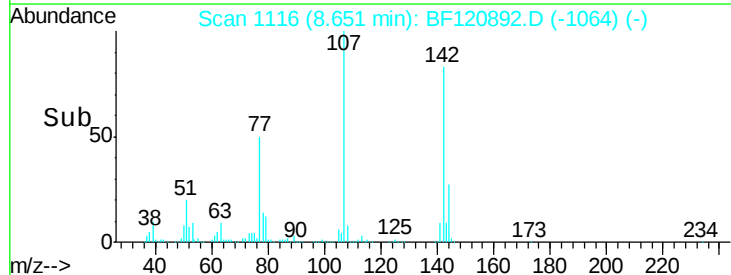
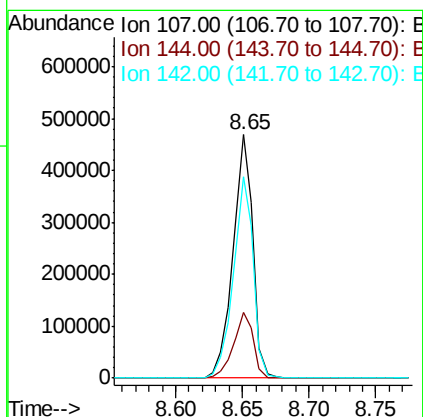
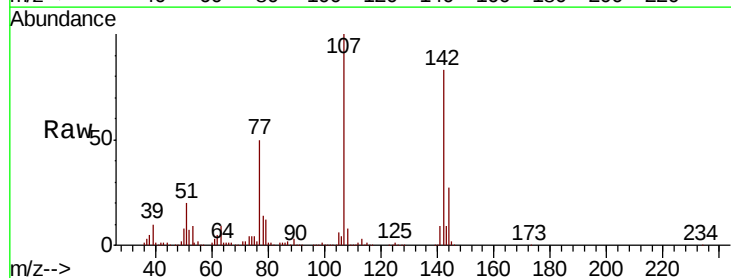
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MS

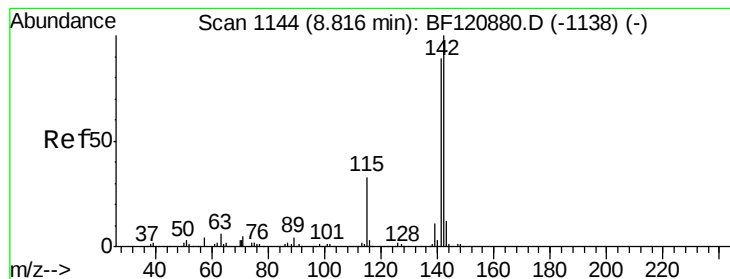
Tot Ion:113 Resp: 75100
 Ion Ratio Lower Upper
 113 100
 55 171.3 143.3 183.3
 56 130.1 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 49.729 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

Tgt Ion:107 Resp: 488543
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.0 31.6
 142 82.7 65.0 97.6





#37

2-Methylnaphthalene

Concen: 47.825 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MS

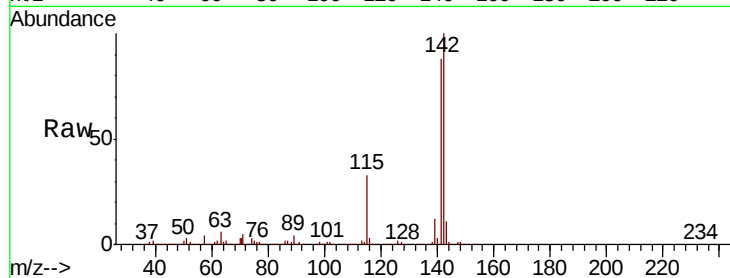
Tot Ion:142 Resp: 1039571

Ion Ratio Lower Upper

142 100

141 88.0 71.0 106.4

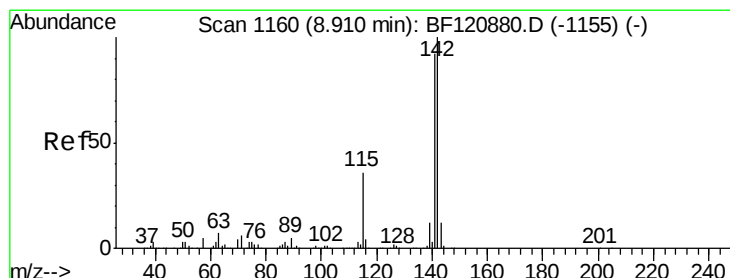
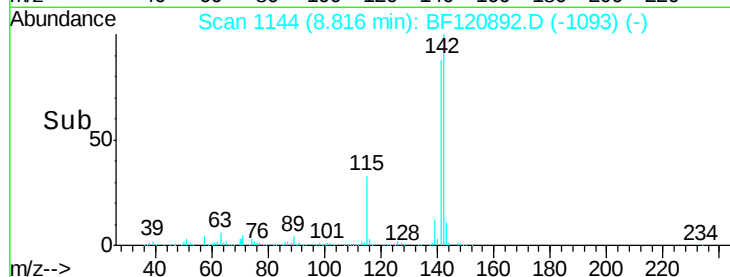
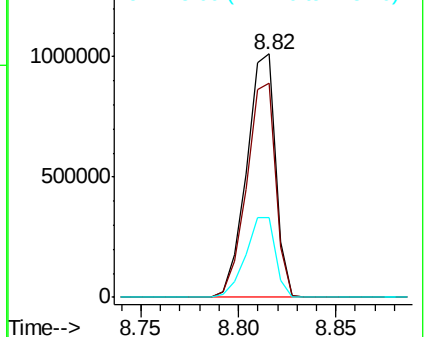
115 32.7 26.0 39.0



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: 48.001 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

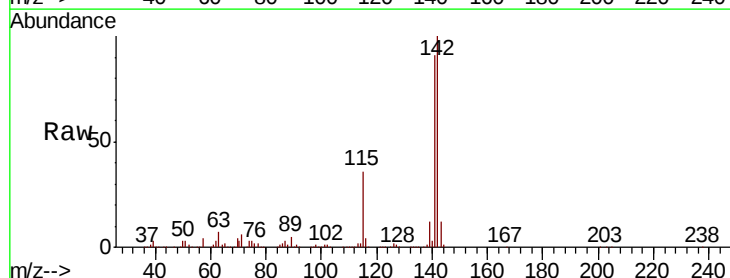
Tgt Ion:142 Resp: 988199

Ion Ratio Lower Upper

142 100

141 91.3 73.7 110.5

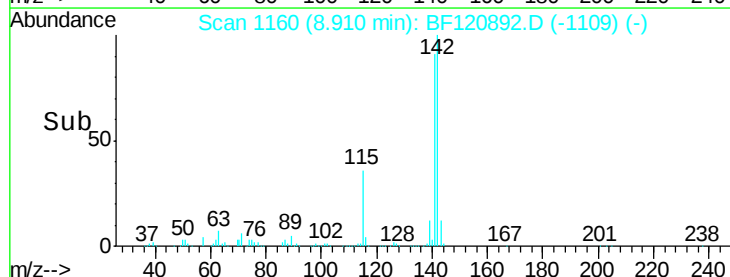
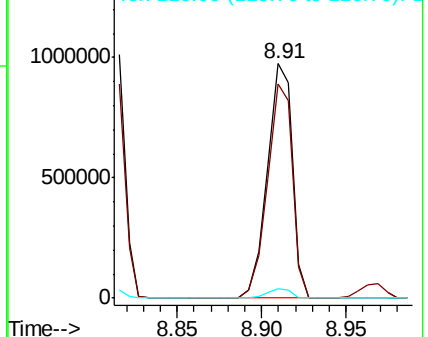
116 3.8 3.0 4.6

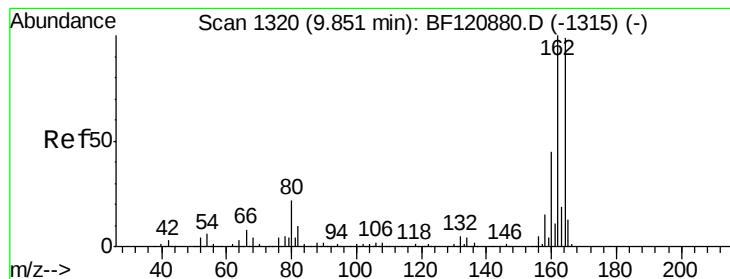


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MS

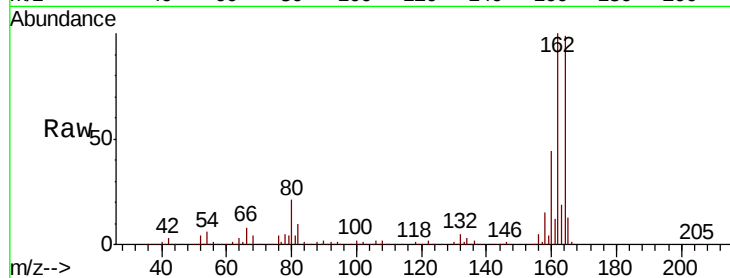
Tot Ion:164 Resp: 348976

Ion Ratio Lower Upper

164 100

162 101.0 81.2 121.8

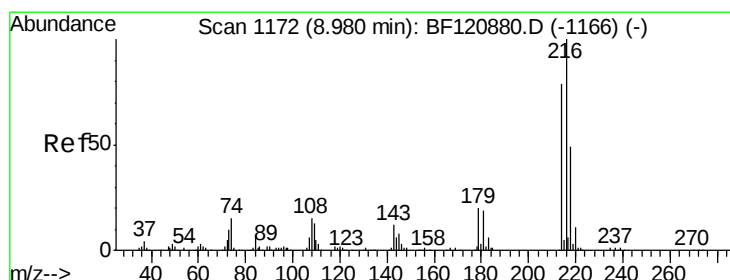
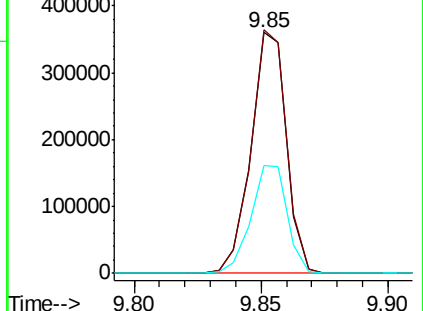
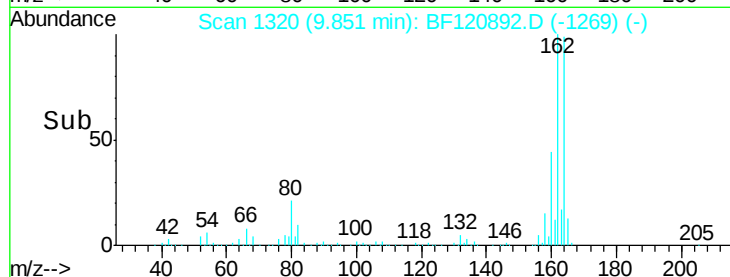
160 44.7 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.082 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Tgt Ion:216 Resp: 438039

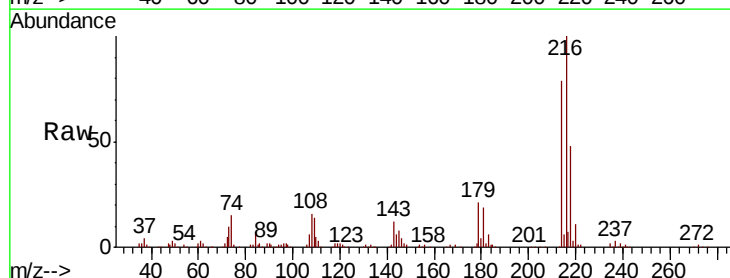
Ion Ratio Lower Upper

216 100

214 78.7 63.8 95.8

179 20.7 16.6 24.8

108 20.8 15.4 23.0

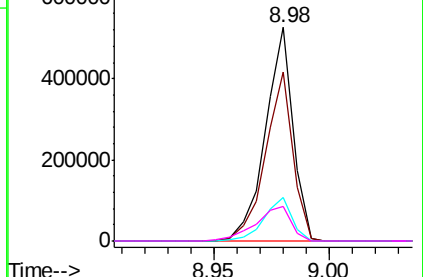
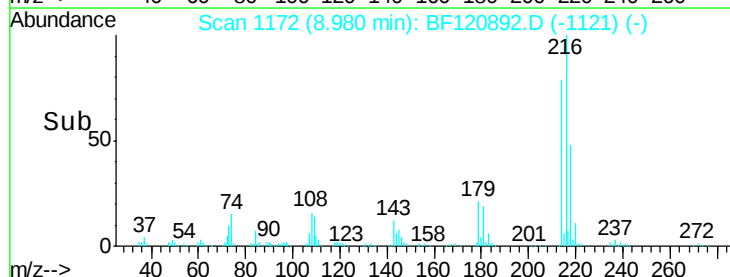


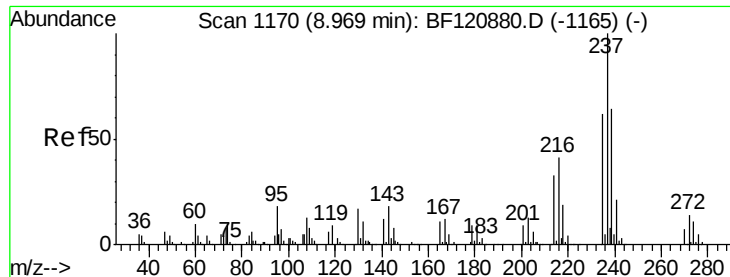
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 86.342 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MS

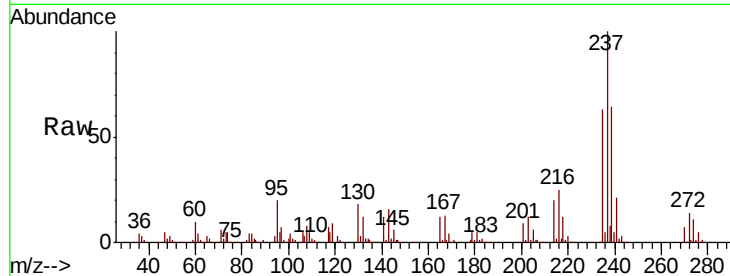
Tot Ion:237 Resp: 485194

Ion Ratio Lower Upper

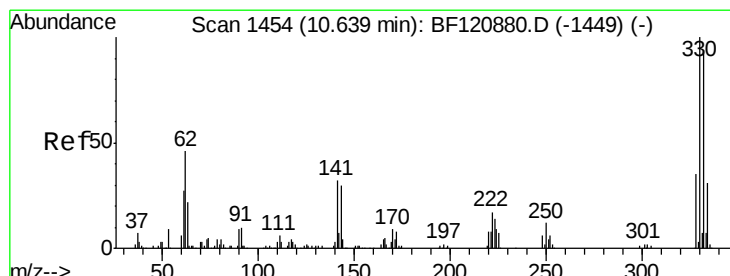
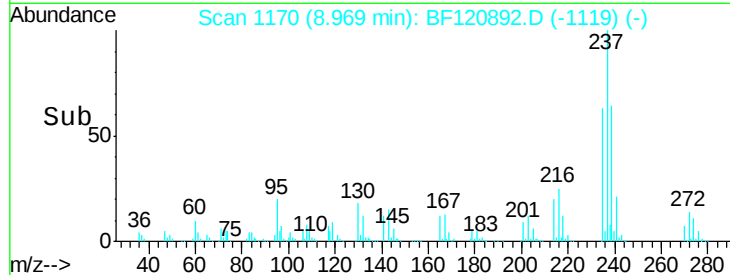
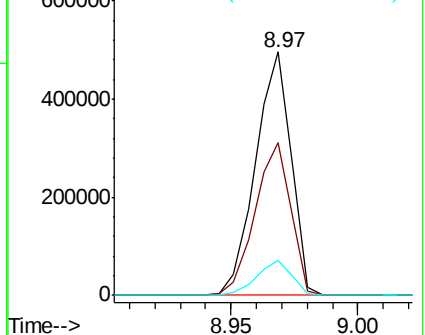
237 100

235 63.0 41.6 81.6

272 14.2 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: 118.707 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

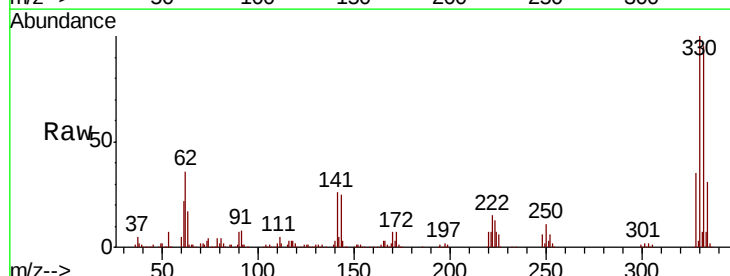
Tgt Ion:330 Resp: 453447

Ion Ratio Lower Upper

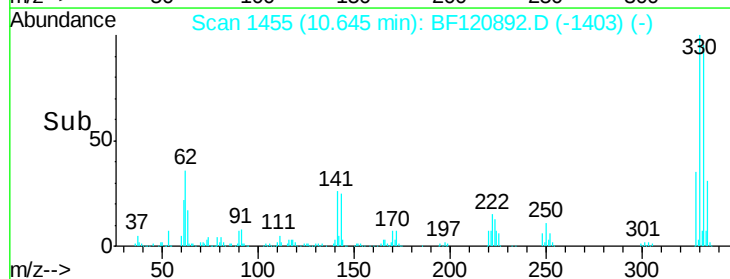
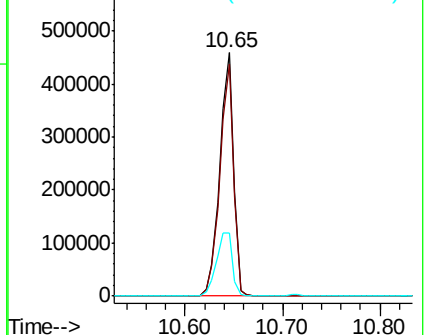
330 100

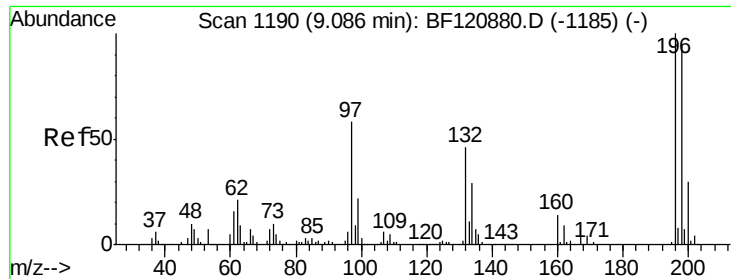
332 94.7 75.5 113.3

141 30.0 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

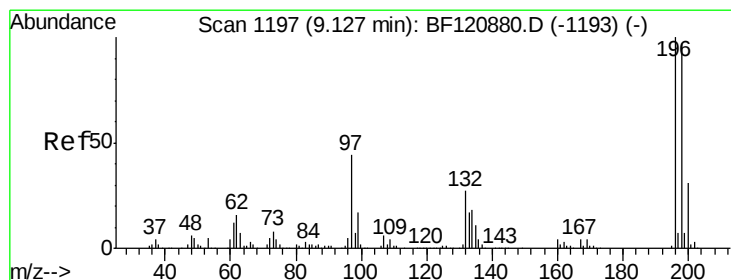
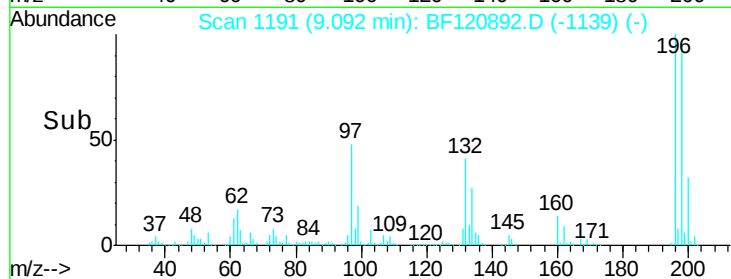
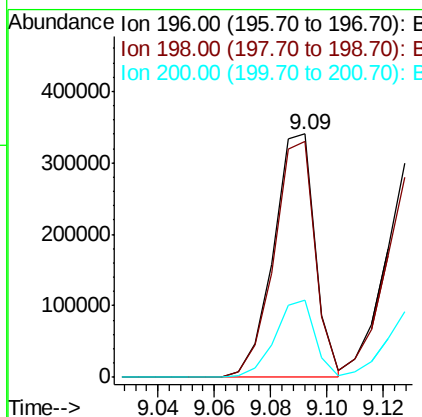
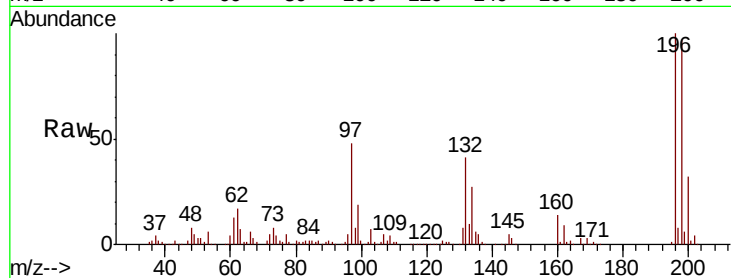




#43
 2,4,6-Trichlorophenol
 Concen: 48.592 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

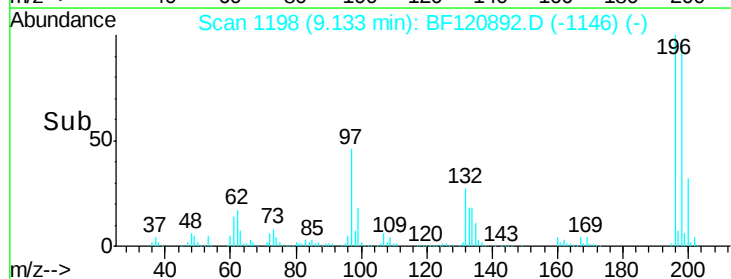
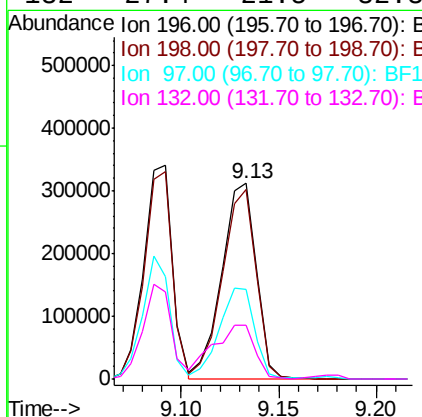
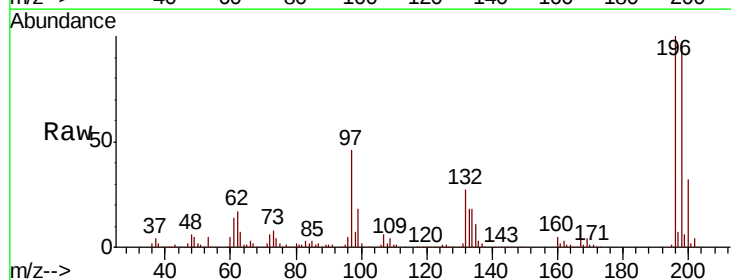
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MS

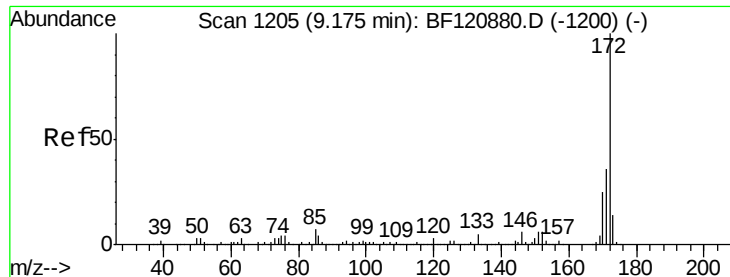
Tot Ion:196 Resp: 347868
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.7 113.5
 200 31.8 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 46.931 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

Tgt Ion:196 Resp: 381106
 Ion Ratio Lower Upper
 196 100
 198 97.0 77.6 116.4
 97 46.0 35.6 53.4
 132 27.4 21.5 32.3

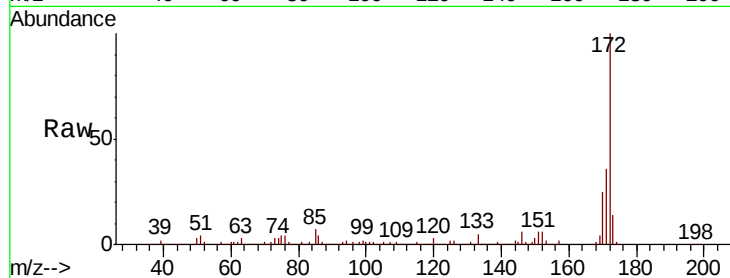




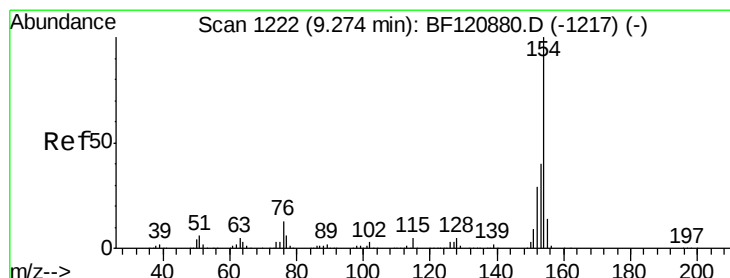
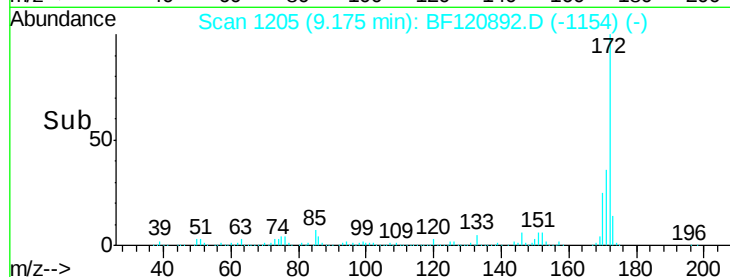
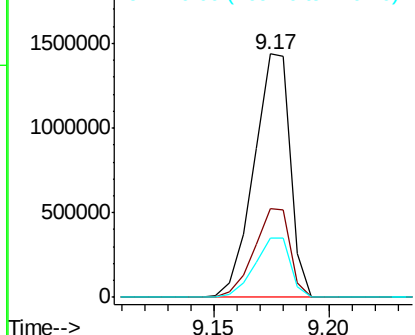
#45
2-Fluorobiphenyl
Concen: 67.498 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
SU-03-071420MS

Tot Ion:172 Resp: 1577660
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.6 19.6 29.4

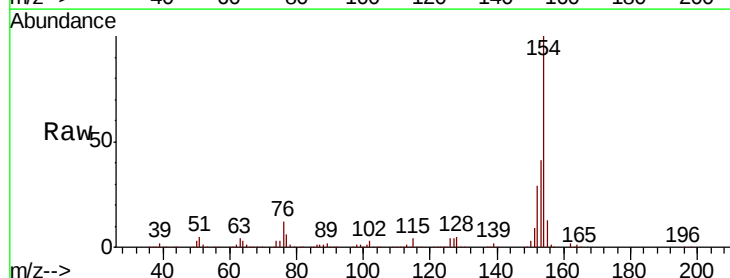


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

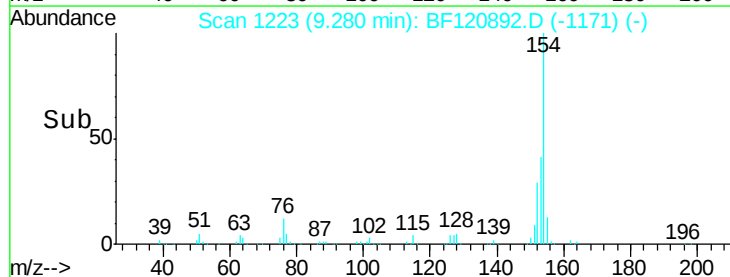
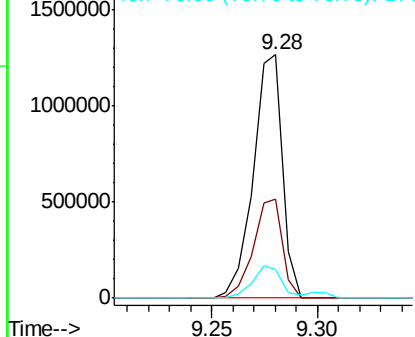


#46
1,1'-Biphenyl
Concen: 45.791 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

Tgt Ion:154 Resp: 1218953
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 11.6 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

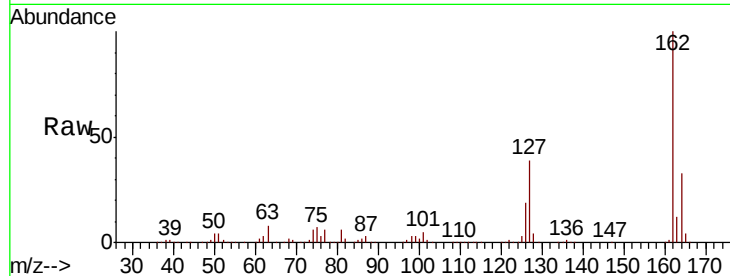




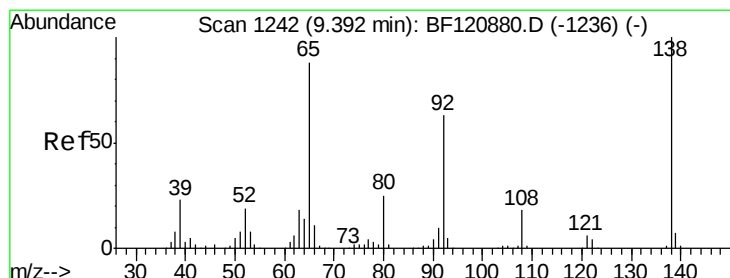
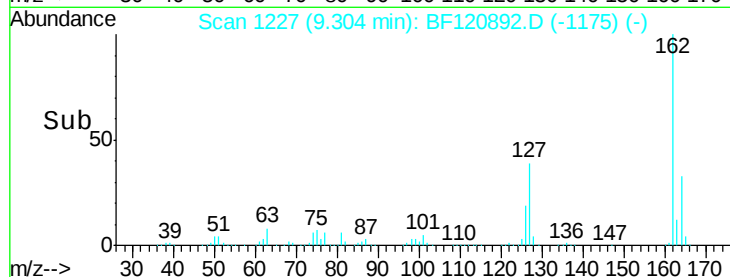
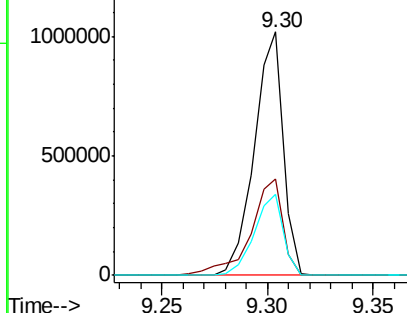
#47
 2-Chloronaphthalene
 Concen: 44.774 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MS

Tot Ion:162 Resp: 971753
 Ion Ratio Lower Upper
 162 100
 127 39.4 33.3 49.9
 164 33.4 26.6 39.8

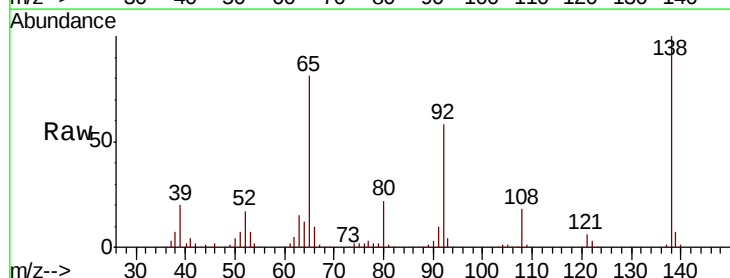


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

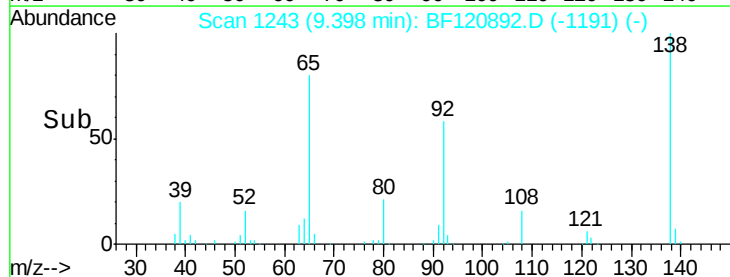
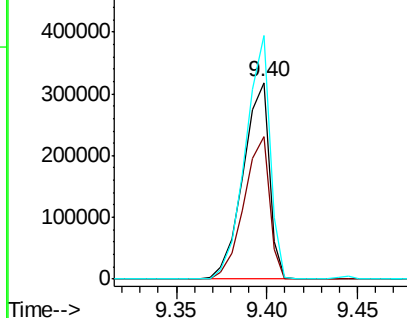


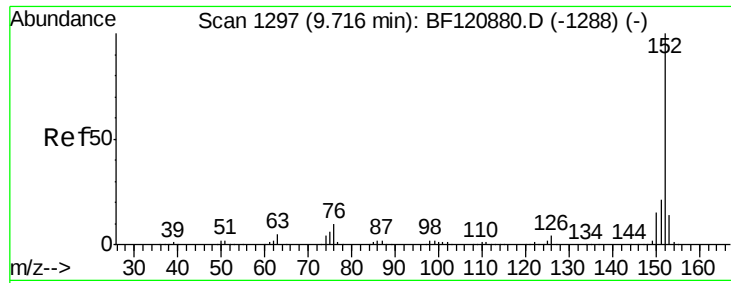
#48
 2-Nitroaniline
 Concen: 48.652 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

Tgt Ion: 65 Resp: 319103
 Ion Ratio Lower Upper
 65 100
 92 72.2 57.0 85.4
 138 123.8 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: 46.617 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MS

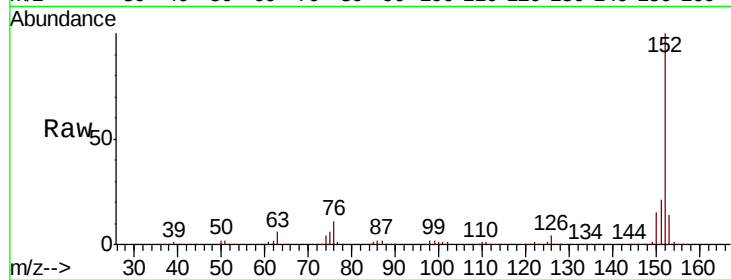
Tot Ion:152 Resp: 1571772

Ion Ratio Lower Upper

152 100

151 21.1 16.6 25.0

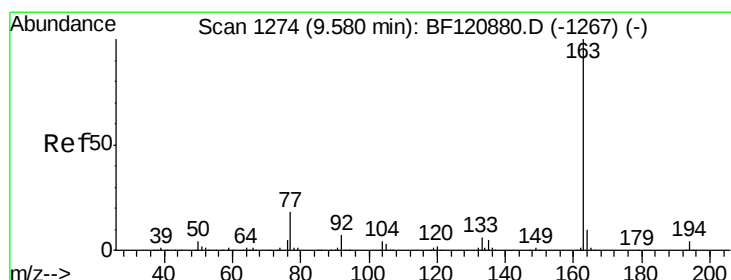
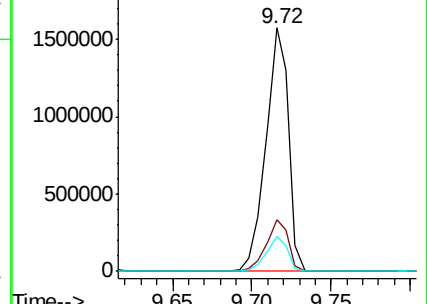
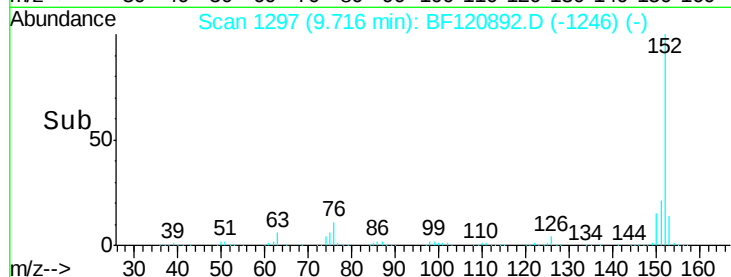
153 14.1 10.9 16.3



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: 48.489 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

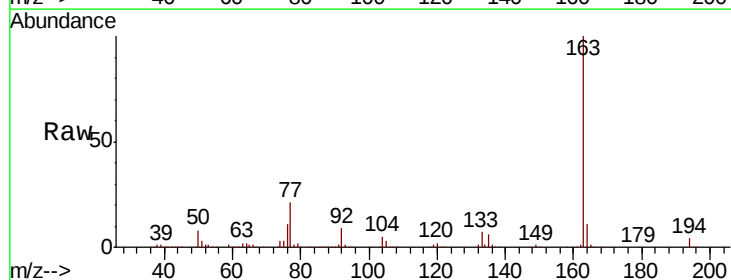
Tgt Ion:163 Resp: 1220779

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

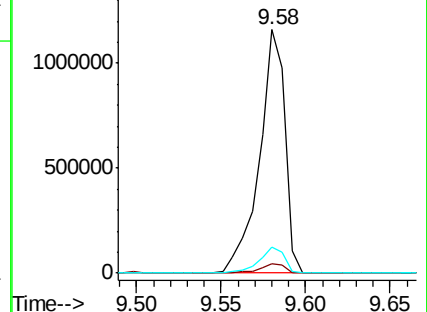
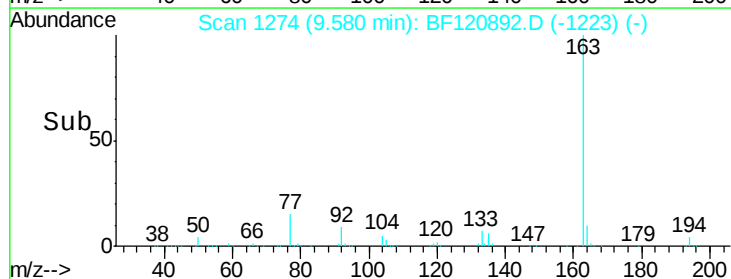
164 10.9 7.9 11.9



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

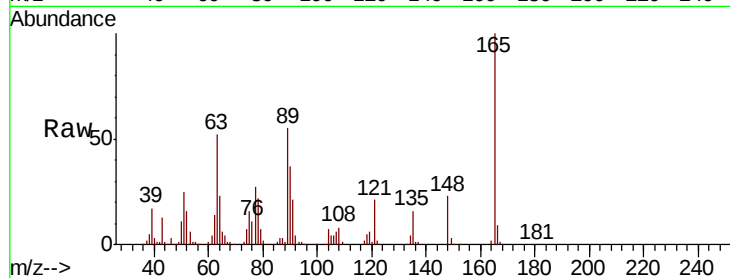




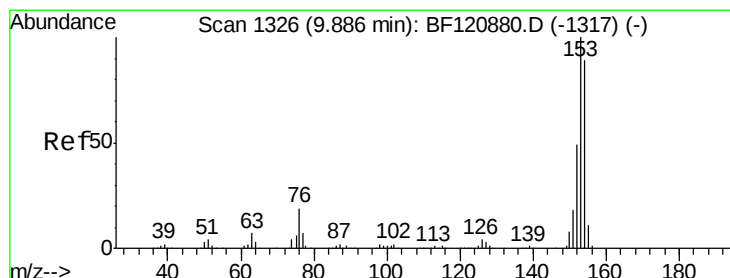
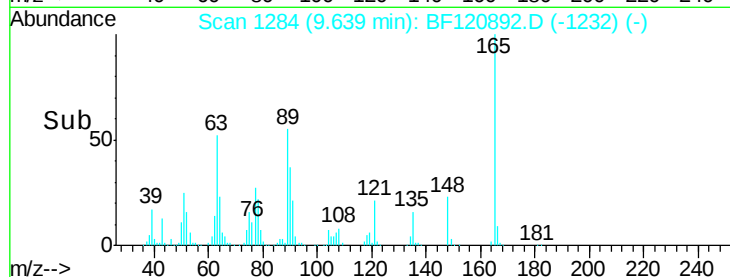
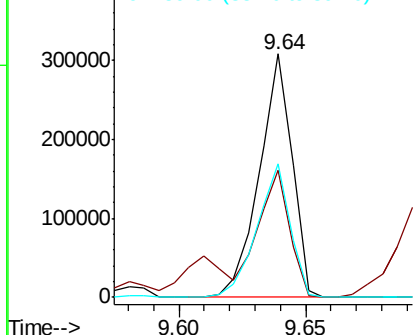
#51
2,6-Dinitrotoluene
Concen: 51.201 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
SU-03-071420MS

Tot Ion:165 Resp: 276942
Ion Ratio Lower Upper
165 100
63 52.3 45.4 68.2
89 55.1 47.0 70.4

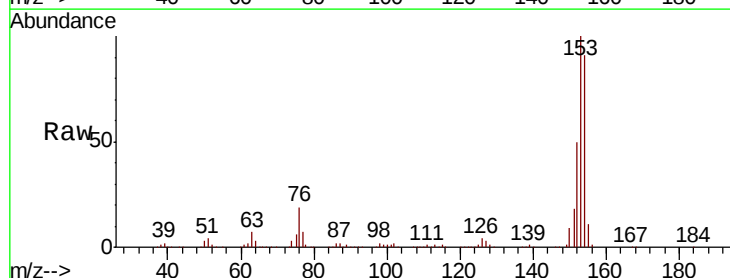


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

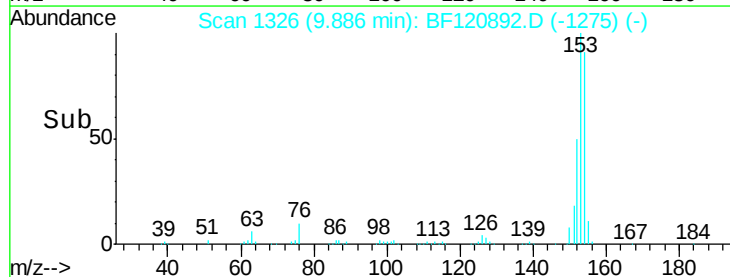
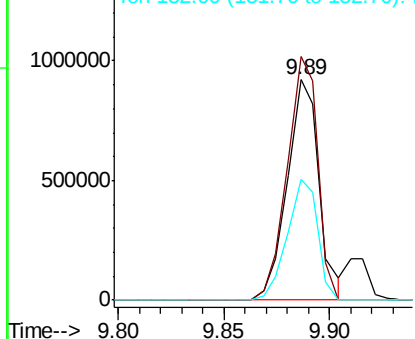


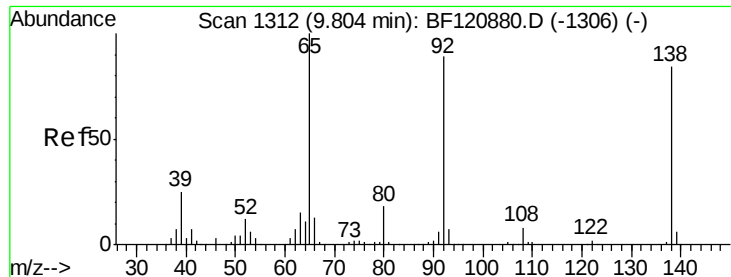
#52
Acenaphthene
Concen: 45.325 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

Tgt Ion:154 Resp: 971587
Ion Ratio Lower Upper
154 100
153 110.4 89.5 134.3
152 54.9 44.2 66.2



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

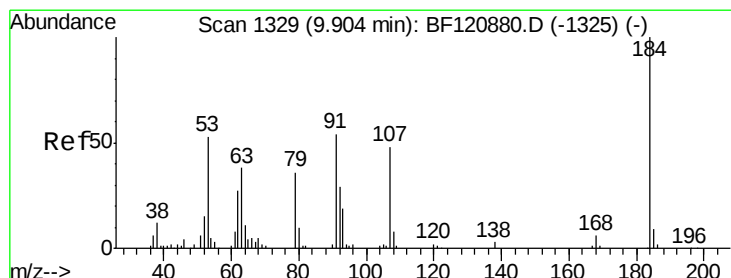
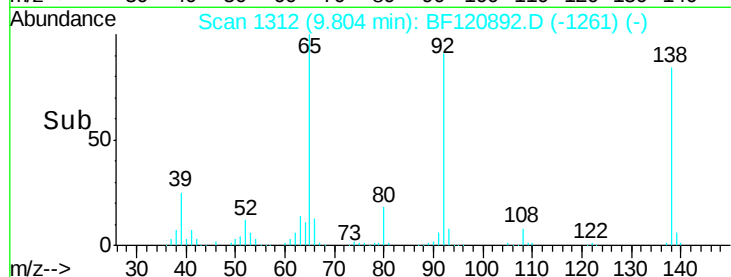
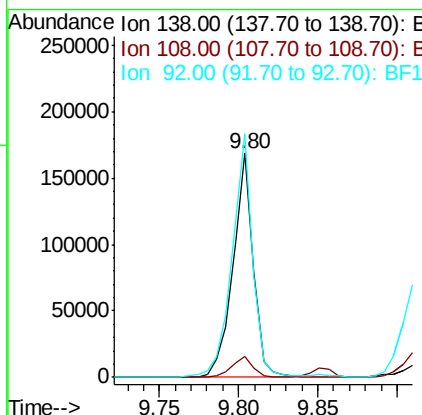
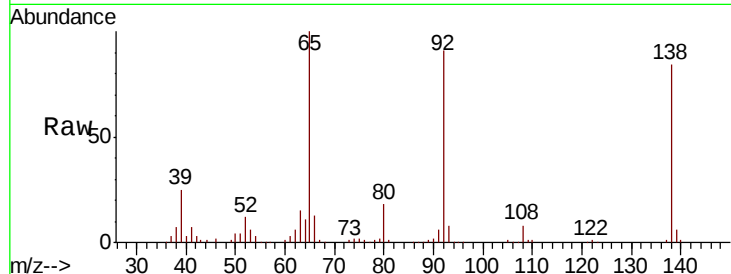




#53
3-Nitroaniline
Concen: 22.169 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

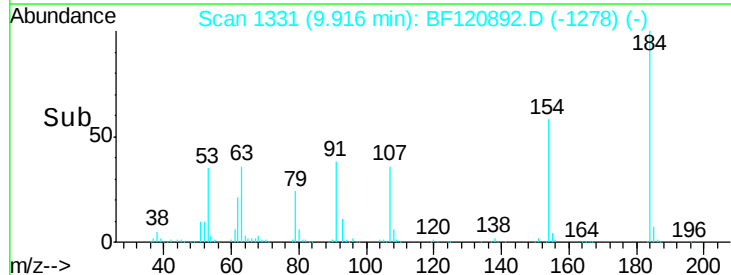
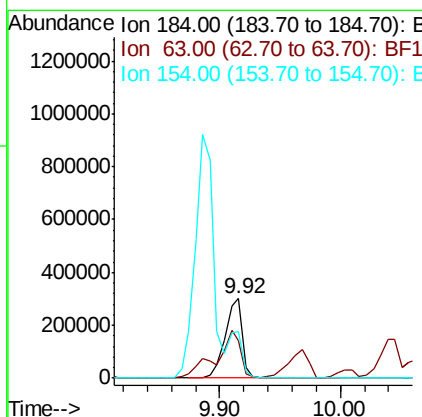
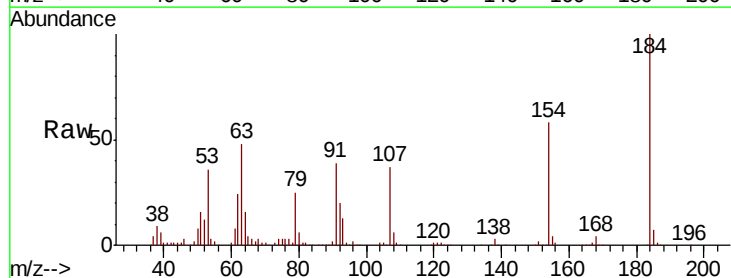
Instrument :
BNA_F
ClientSampleId :
SU-03-071420MS

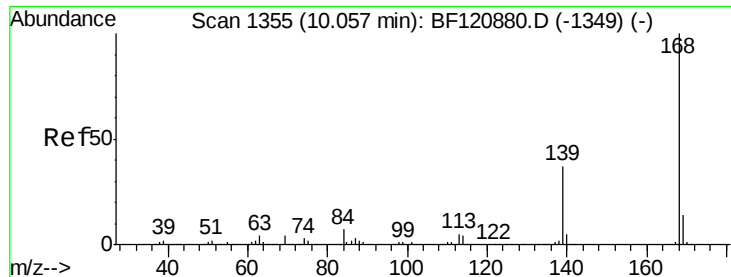
Tot Ion:138 Resp: 150392
Ion Ratio Lower Upper
138 100
108 9.4 7.9 11.9
92 108.6 85.3 127.9



#54
2,4-Dinitrophenol
Concen: 94.074 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

Tgt Ion:184 Resp: 296980
Ion Ratio Lower Upper
184 100
63 48.1 57.9 86.9#
154 58.0 52.6 78.8

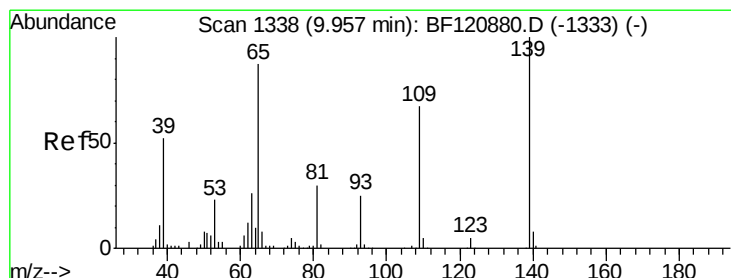
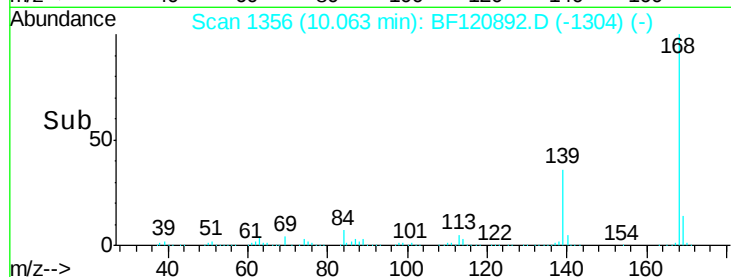
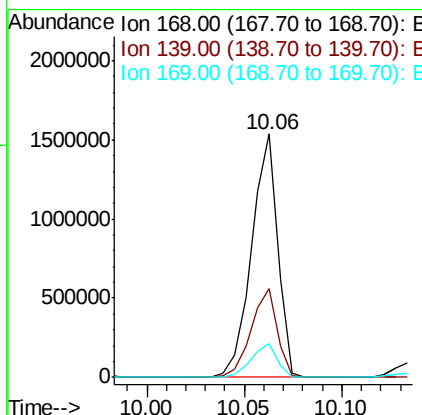
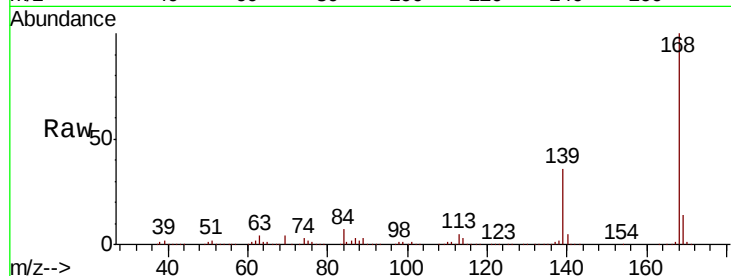




#55
Dibenzenofuran
Concen: 45.925 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

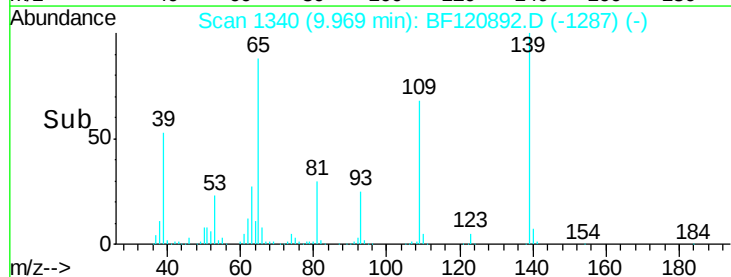
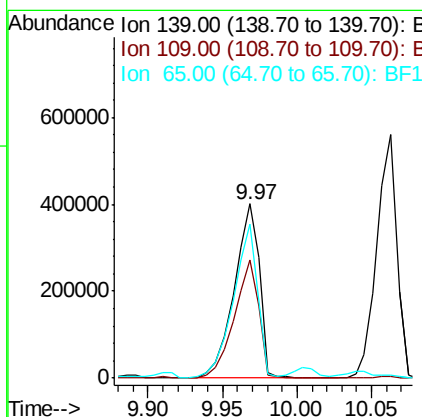
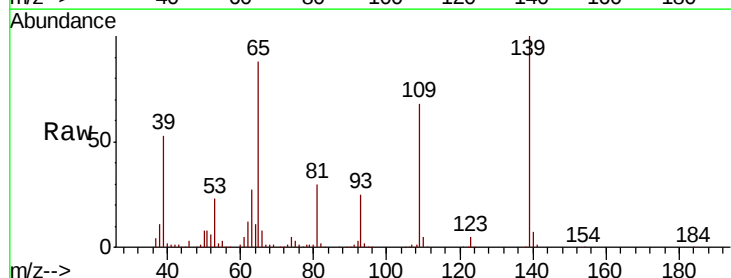
Instrument :
BNA_F
ClientSampleId :
SU-03-071420MS

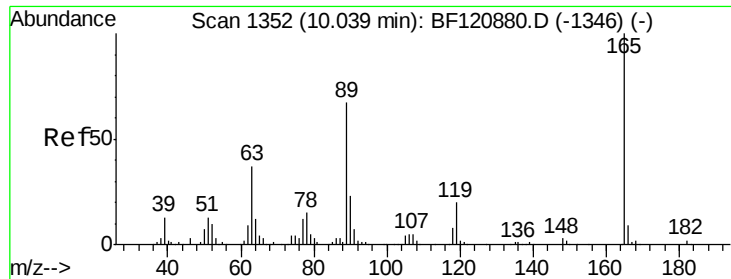
Tot Ion:168 Resp: 1423623
Ion Ratio Lower Upper
168 100
139 36.5 29.7 44.5
169 13.7 11.1 16.7



#56
4-Nitrophenol
Concen: 91.599 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

Tgt Ion:139 Resp: 472022
Ion Ratio Lower Upper
139 100
109 67.8 47.3 87.3
65 88.2 67.2 107.2

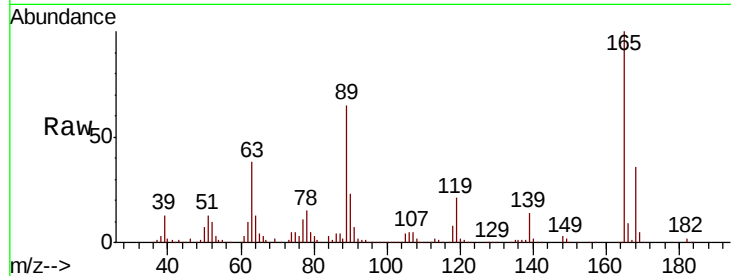




#57
2,4-Dinitrotoluene
Concen: 52.812 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
SU-03-071420MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.8	29.4	44.2
89	64.6	53.4	80.0
182	2.4	1.8	2.6



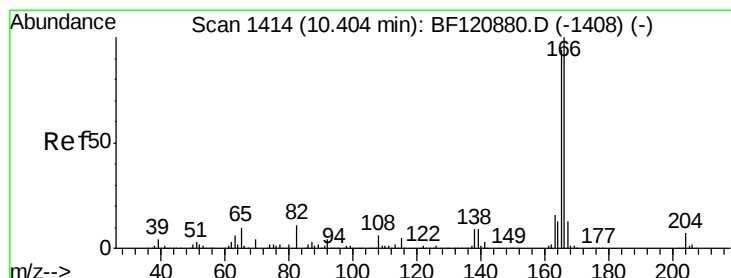
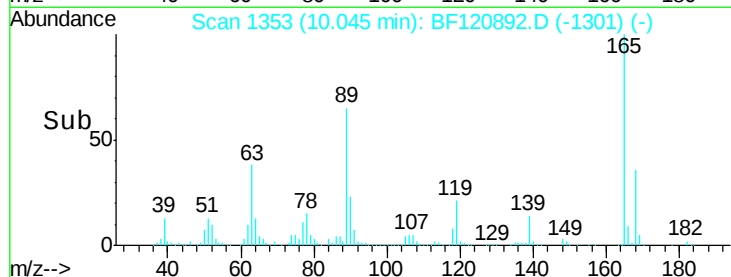
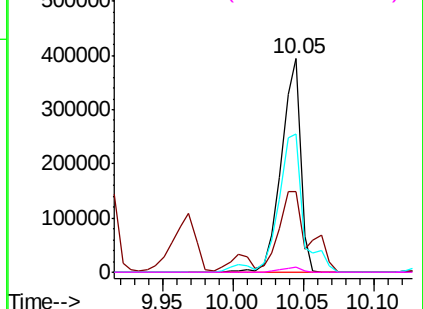
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

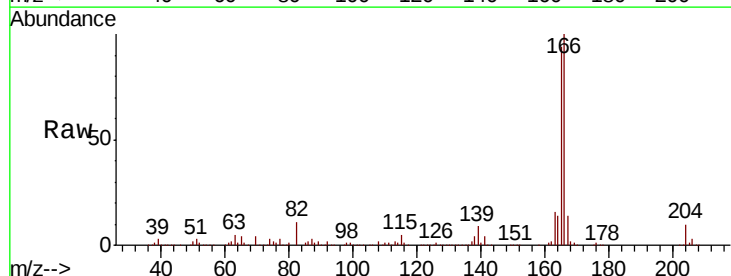
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.183 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.6	75.4	113.0
167	13.6	10.6	15.8

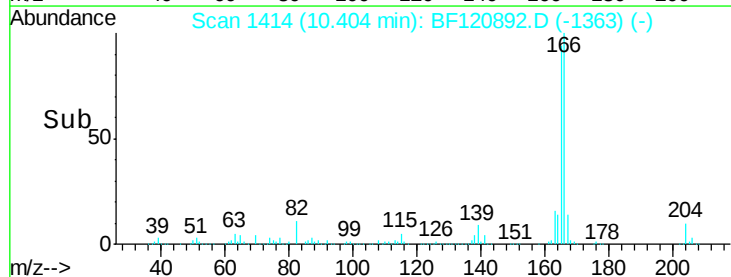
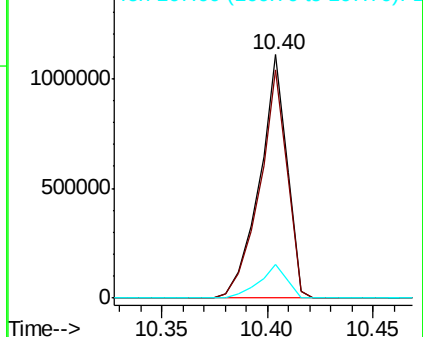


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

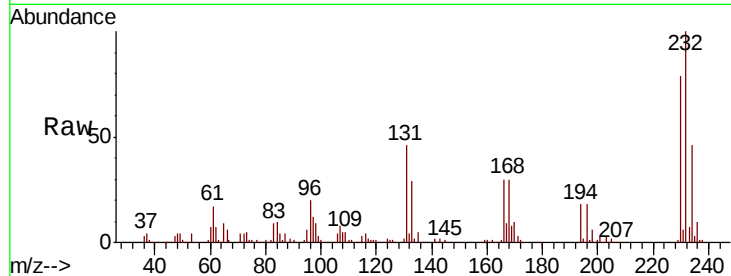




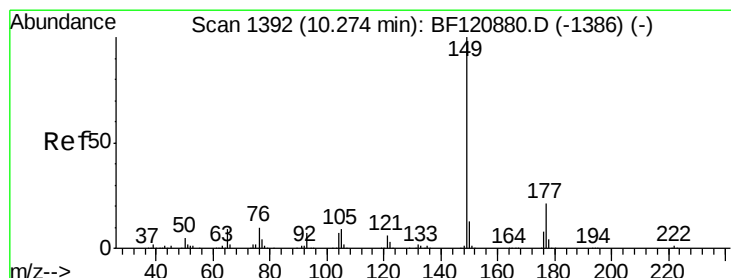
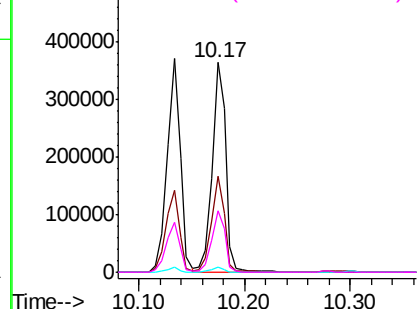
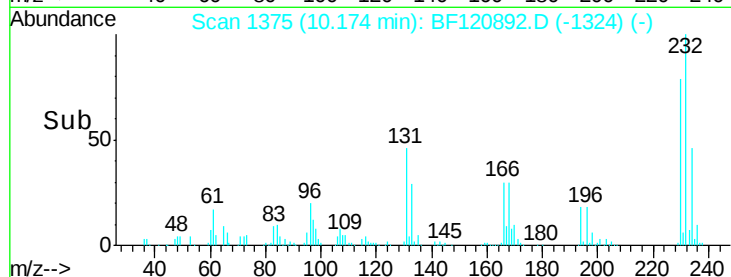
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.792 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MS

Tot Ion:	232	Resp:	326406
Ion	Ratio	Lower	Upper
232	100		
131	44.7	37.1	55.7
130	2.2	1.7	2.5
166	29.0	24.2	36.4

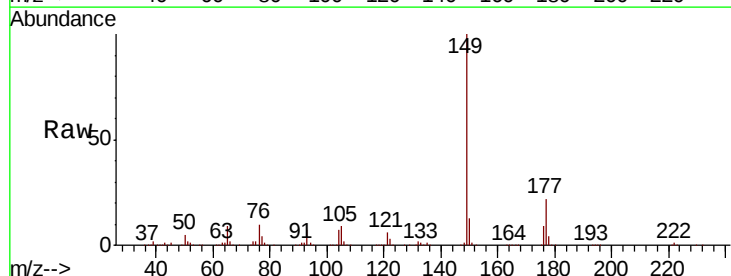


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

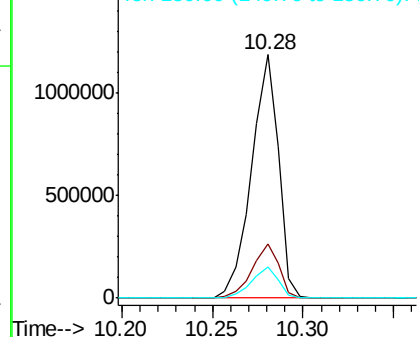
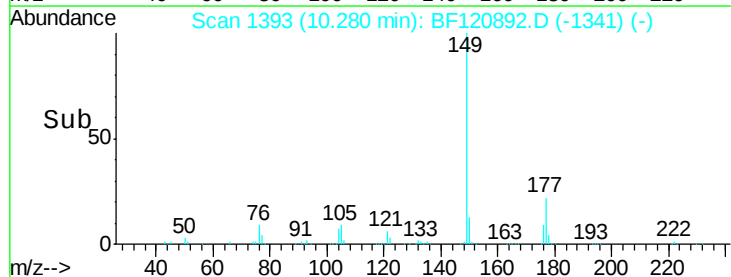


#60
 Diethylphthalate
 Concen: 48.231 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

Tgt Ion:	149	Resp:	1228231
Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.1	25.7
150	12.9	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

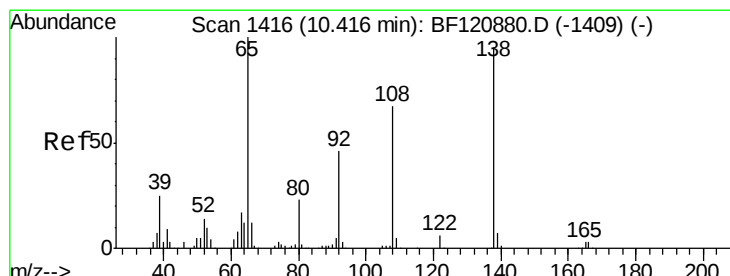
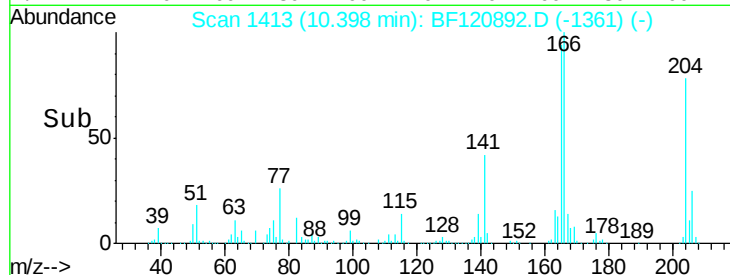
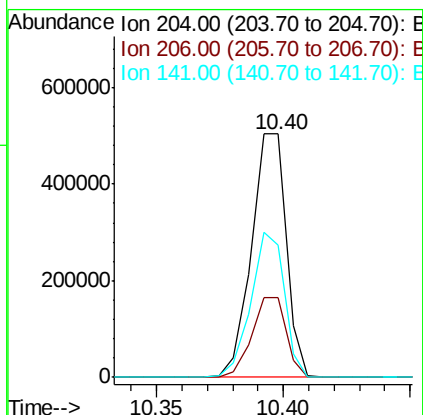
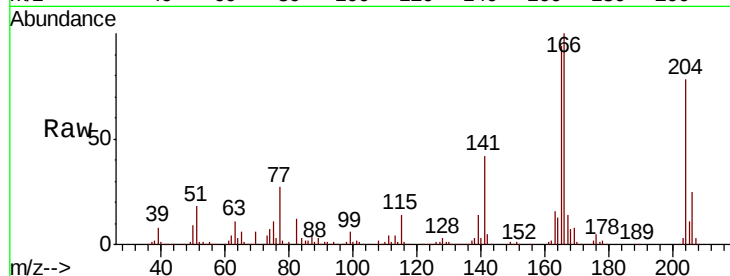




#61
4-Chlorophenyl-phenylether
Concen: 39.365 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

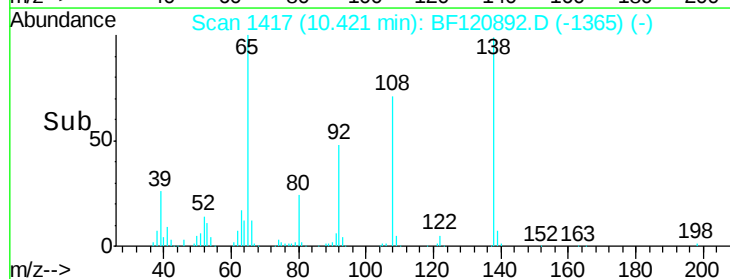
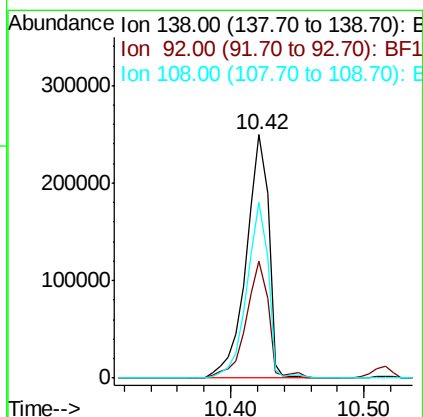
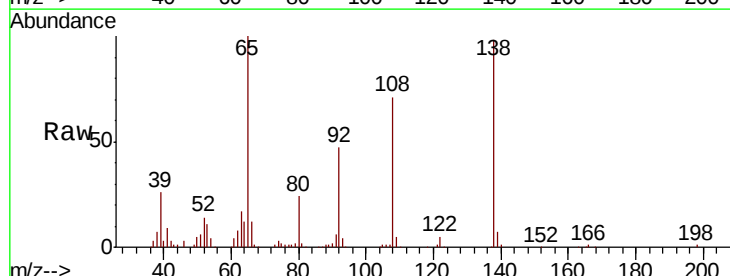
Instrument :
BNA_F
ClientSampleId :
SU-03-071420MS

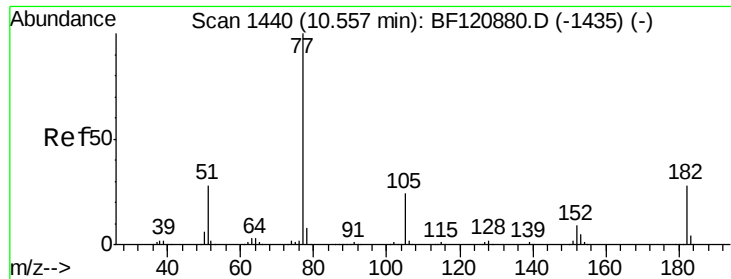
Tot Ion:204 Resp: 485429
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 54.1 47.2 70.8



#62
4-Nitroaniline
Concen: 43.611 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

Tgt Ion:138 Resp: 288183
Ion Ratio Lower Upper
138 100
92 48.2 28.6 68.6
108 72.1 51.1 91.1





#63

Azobenzene

Concen: 46.881 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MS

Tot Ion: 77 Resp: 1136543

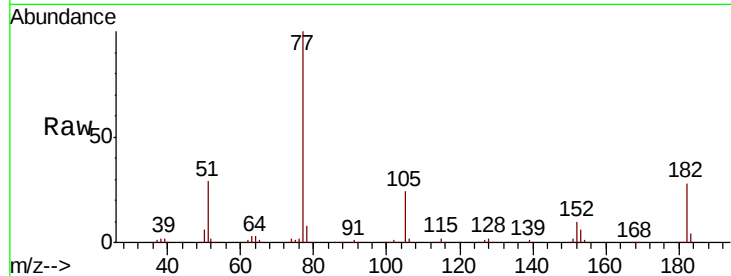
Ion Ratio Lower Upper

77 100

182 27.6 7.8 47.8

105 24.0 4.4 44.4

51 28.8 8.0 48.0

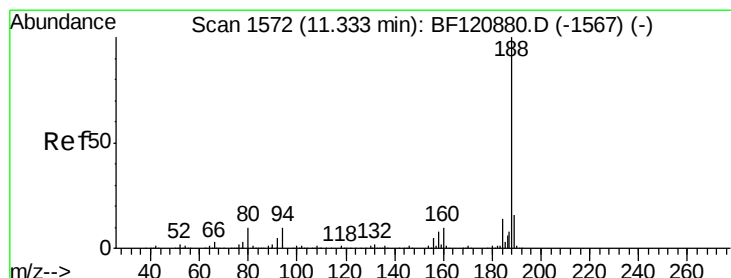
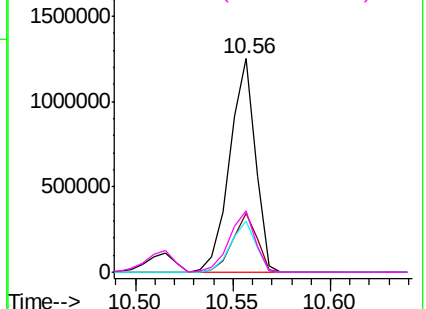
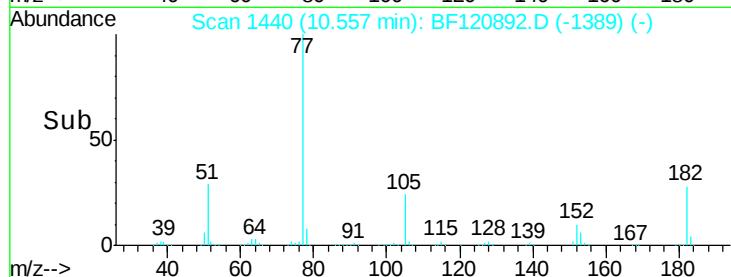


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

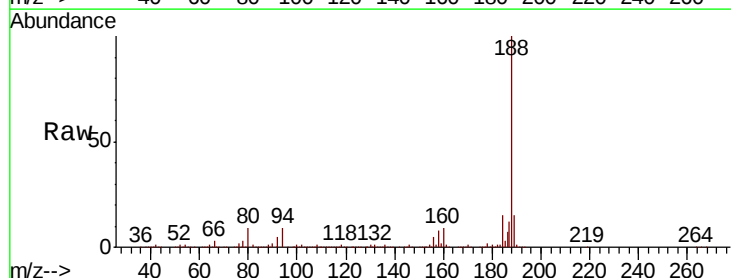
Tgt Ion: 188 Resp: 691870

Ion Ratio Lower Upper

188 100

94 9.1 8.0 12.0

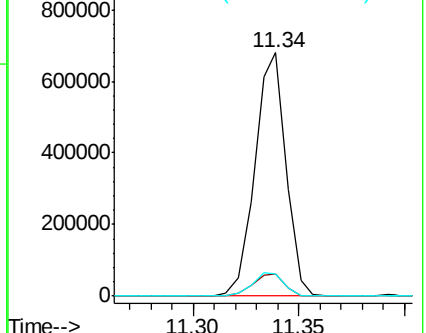
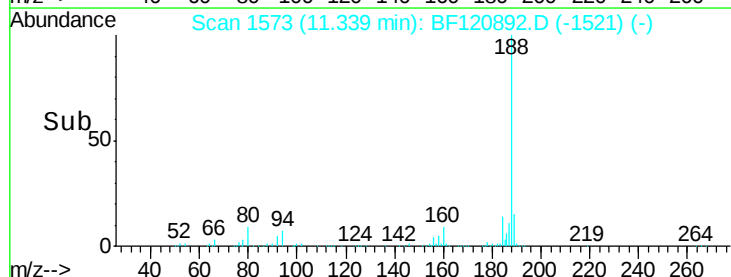
80 9.3 8.3 12.5



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: 50.246 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MS

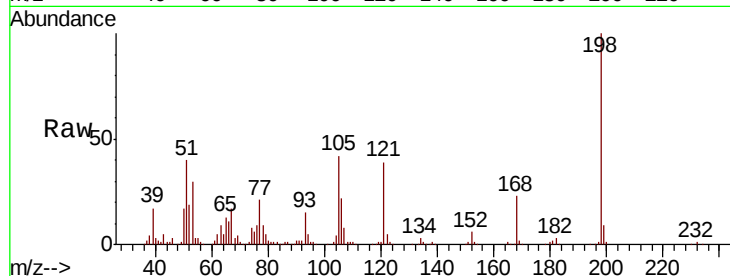
Tot Ion:198 Resp: 201983

Ion Ratio Lower Upper

198 100

51 39.6 19.5 59.5

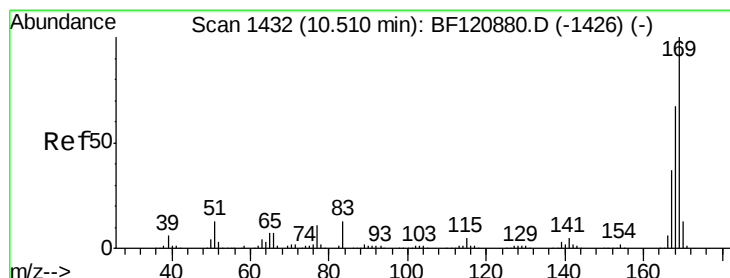
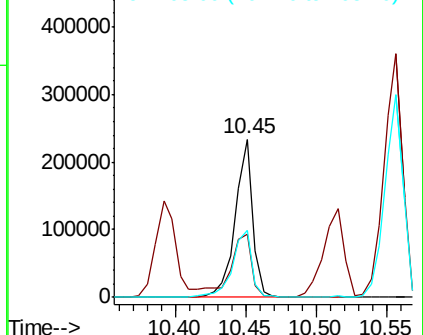
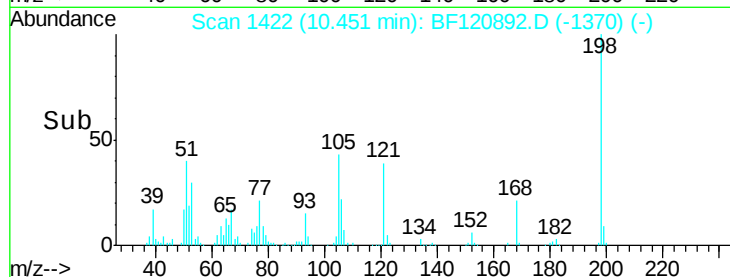
105 42.3 24.4 64.4



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: 47.115 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

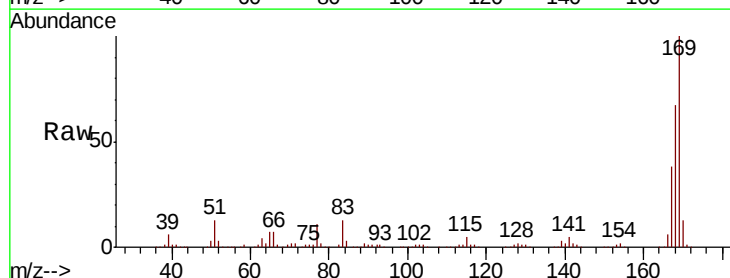
Tgt Ion:169 Resp: 1025444

Ion Ratio Lower Upper

169 100

168 67.2 53.4 80.0

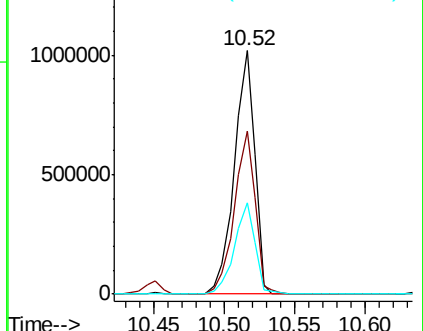
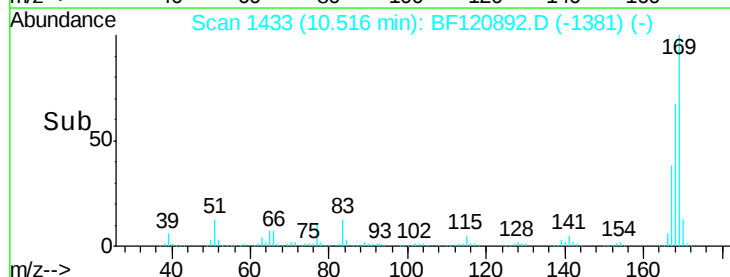
167 37.7 29.4 44.0



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

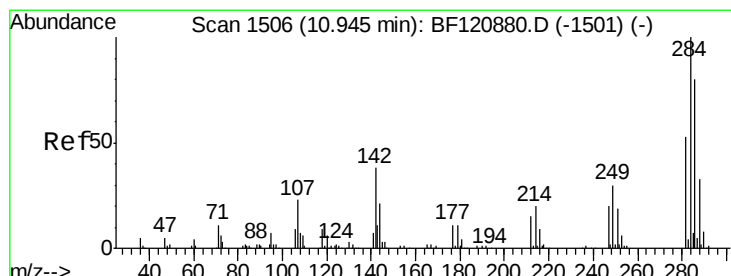
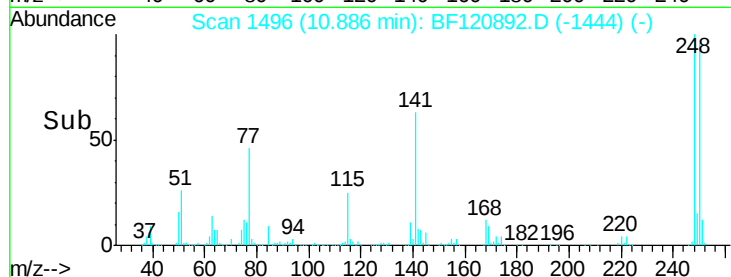
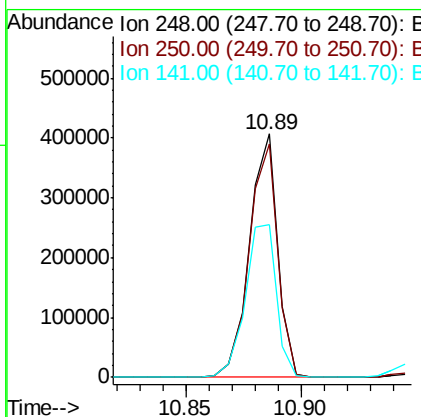
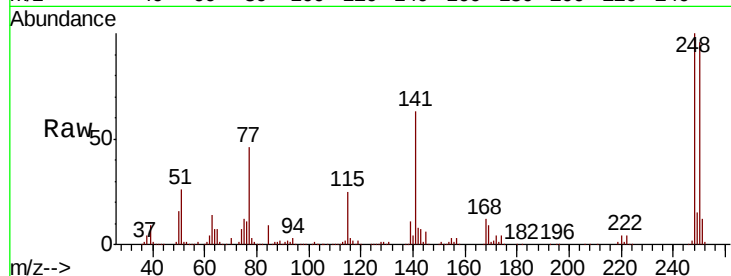




#67
 4-Bromophenyl-phenylether
 Concen: 44.997 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

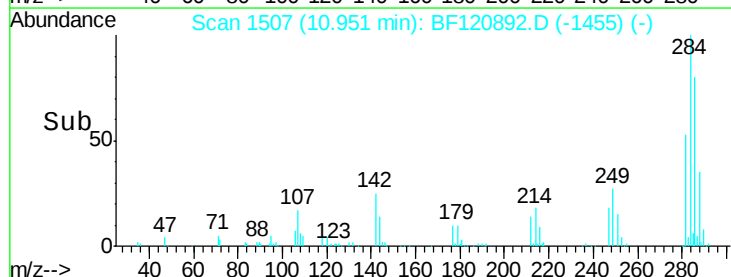
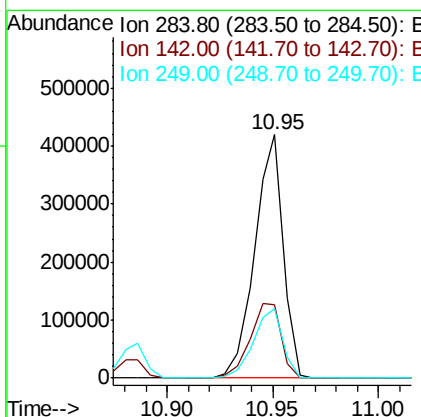
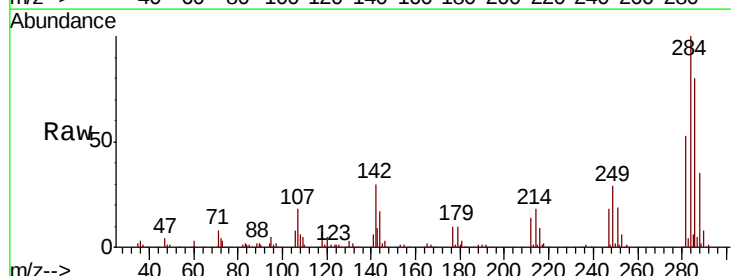
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MS

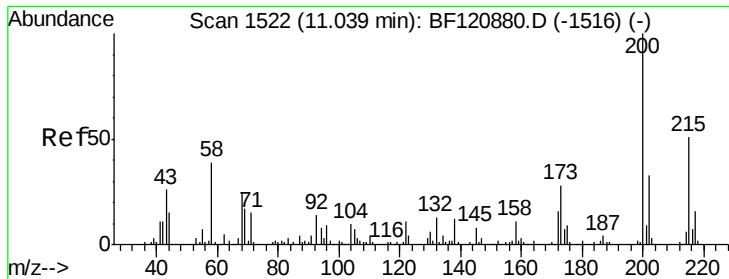
Tot Ion:248 Resp: 347100
 Ion Ratio Lower Upper
 248 100
 250 95.8 77.1 115.7
 141 62.7 61.2 91.8



#68
 Hexachlorobenzene
 Concen: 47.117 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

Tgt Ion:284 Resp: 393162
 Ion Ratio Lower Upper
 284 100
 142 30.4 30.2 45.2
 249 28.7 24.2 36.2

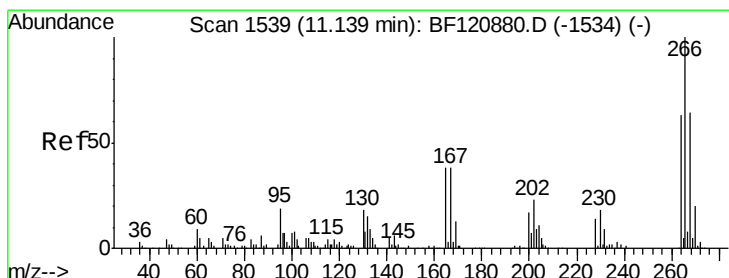
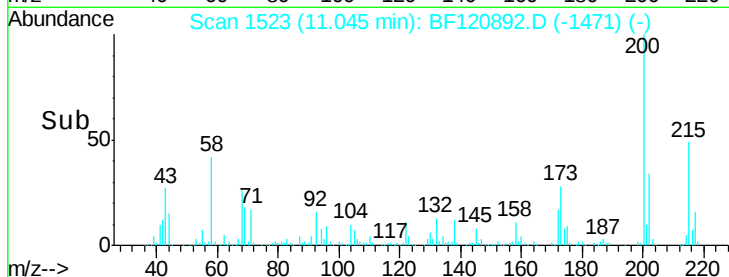
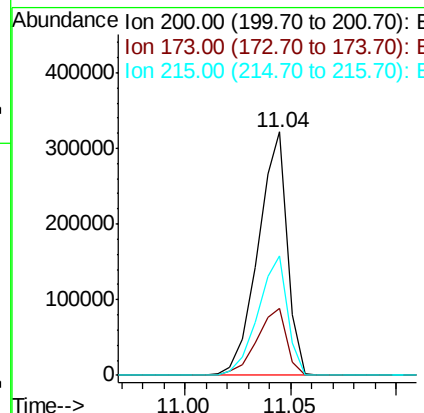
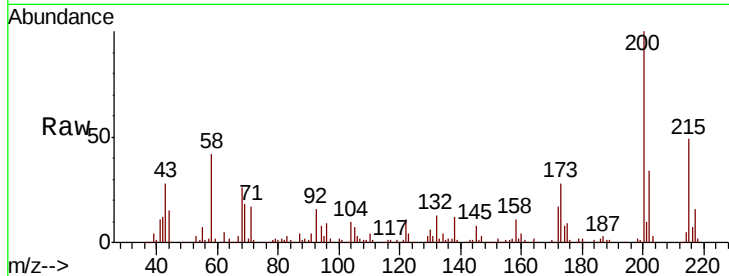




#69
 Atrazine
 Concen: 57.299 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

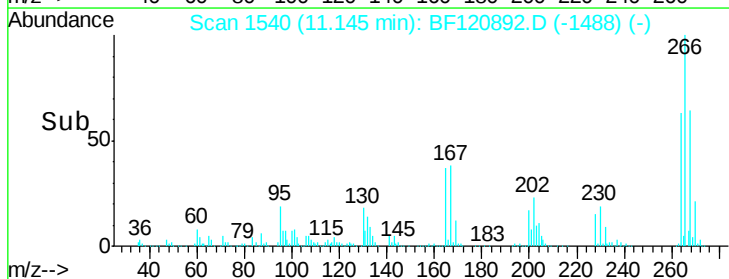
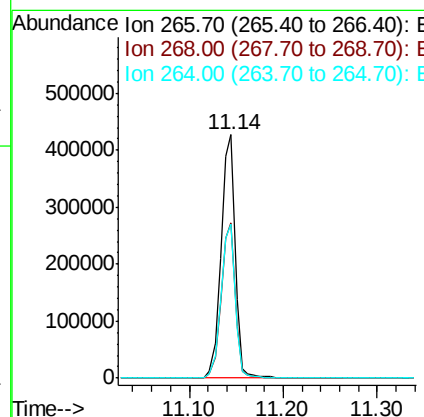
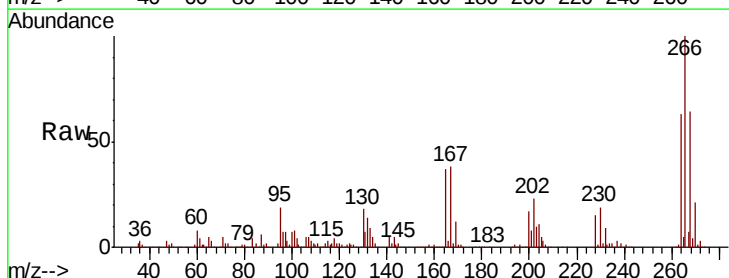
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MS

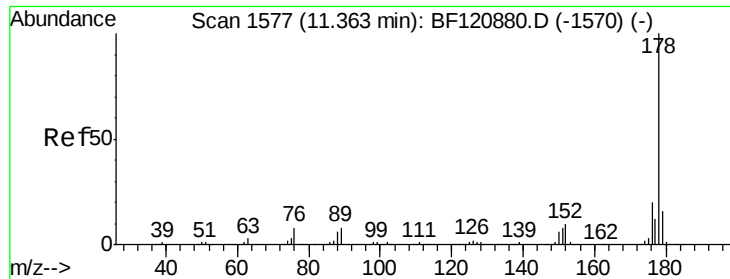
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	8.0	48.0
215	48.9	31.5	71.5



#70
 Pentachlorophenol
 Concen: 95.112 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.1	76.7
264	63.3	50.2	75.2

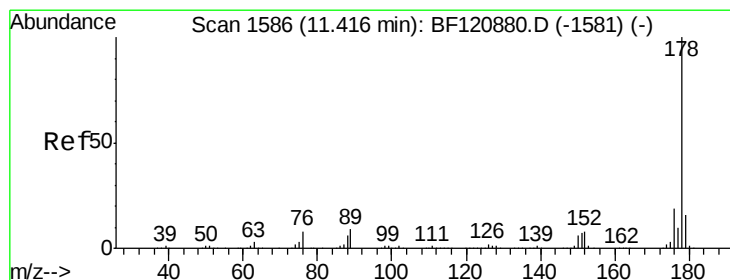
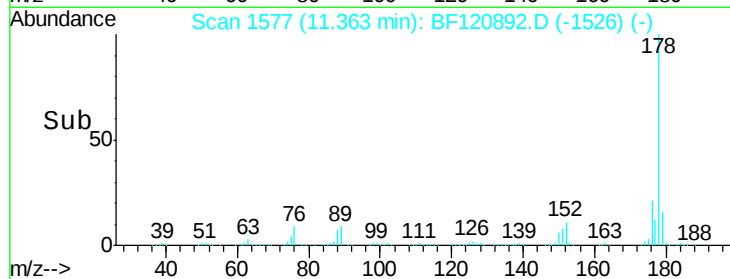
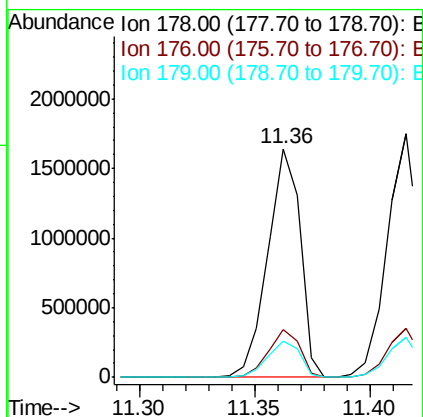
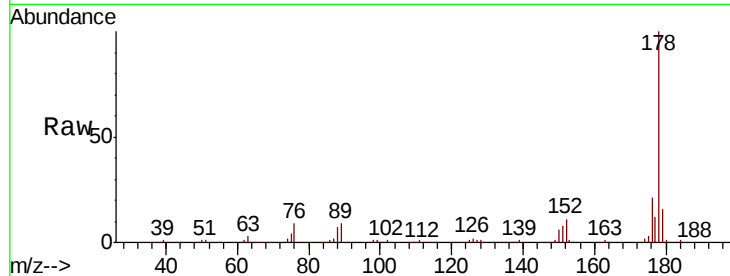




#71
Phenanthrene
Concen: 45.263 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

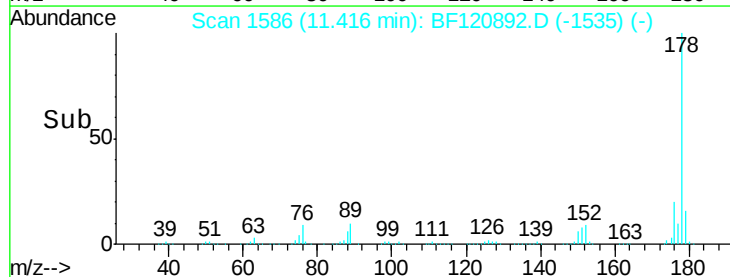
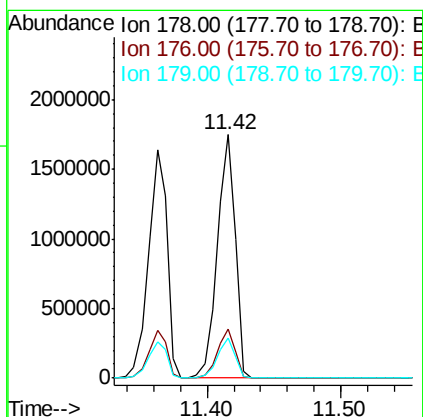
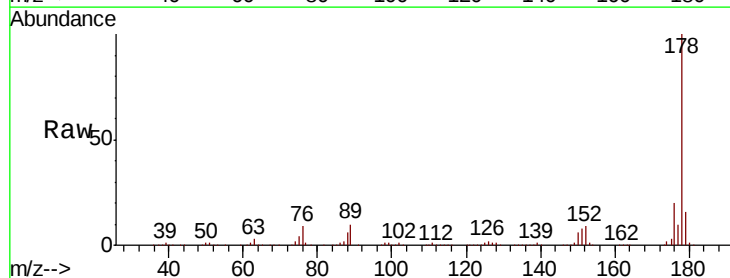
Instrument :
BNA_F
ClientSampleId :
SU-03-071420MS

Tot Ion:178 Resp: 1610600
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.1 12.8 19.2



#72
Anthracene
Concen: 46.380 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

Tgt Ion:178 Resp: 1657178
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 16.2 12.8 19.2

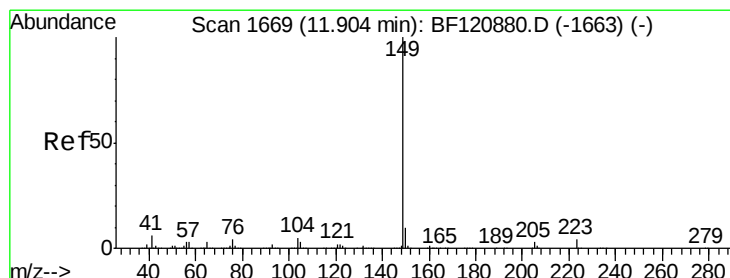
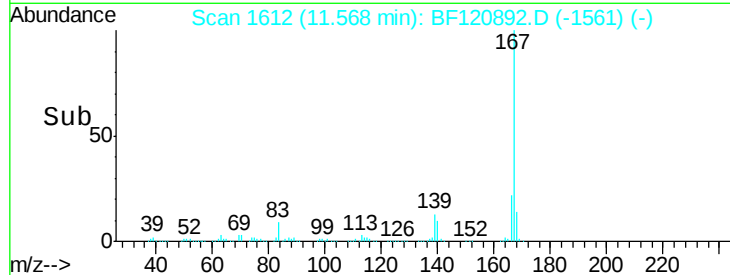
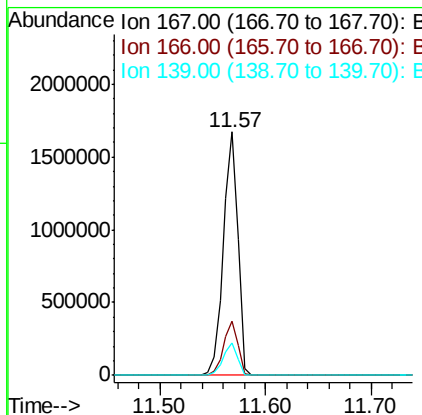
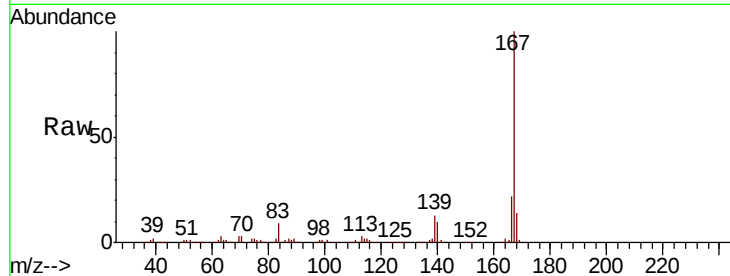




#73
 Carbazole
 Concen: 45.222 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

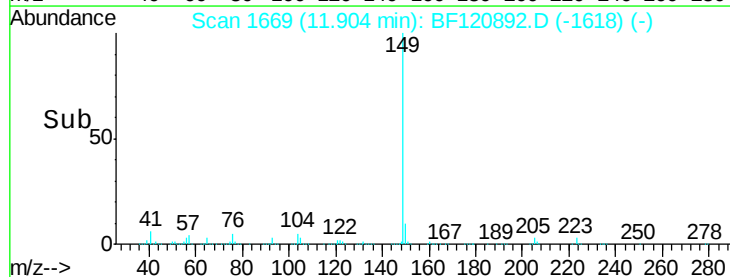
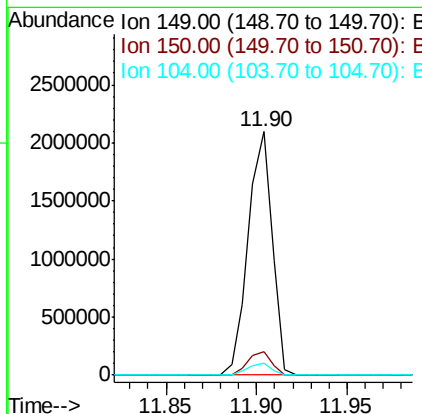
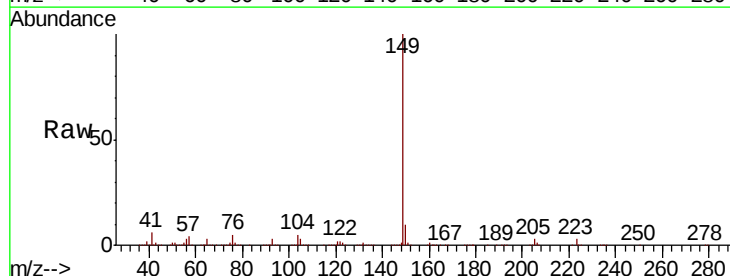
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MS

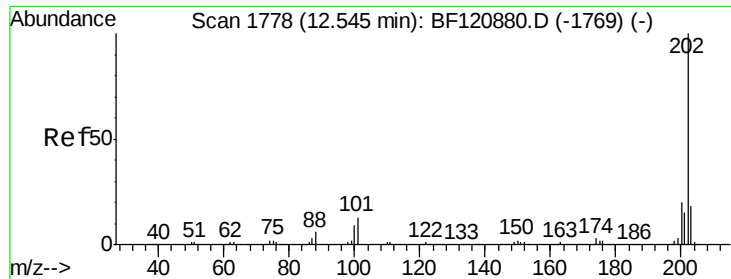
Tot Ion:167 Resp: 1603529
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.7 26.5
 139 13.2 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 47.336 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

Tgt Ion:149 Resp: 1936996
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 4.9 3.8 5.6

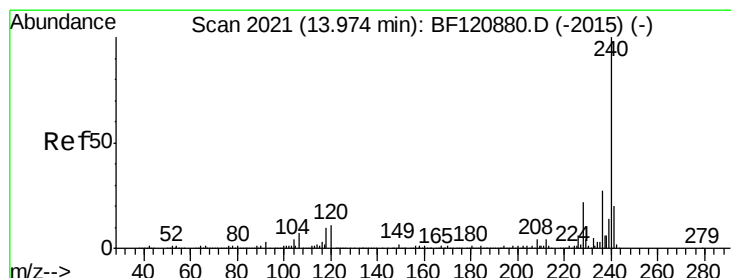
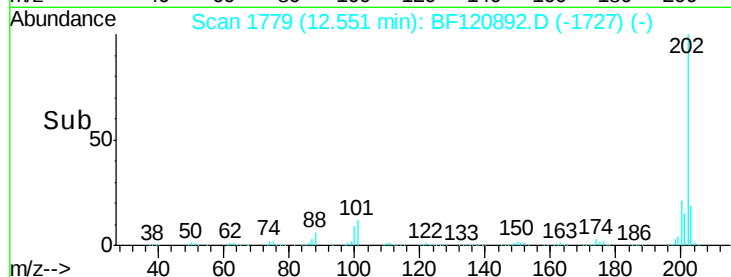
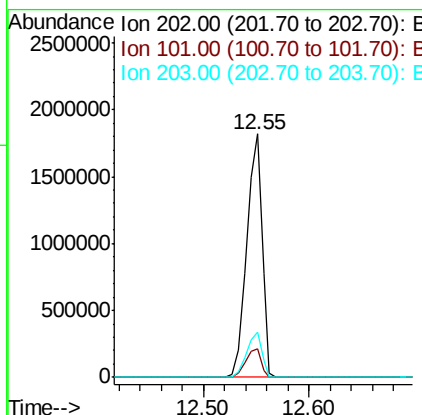
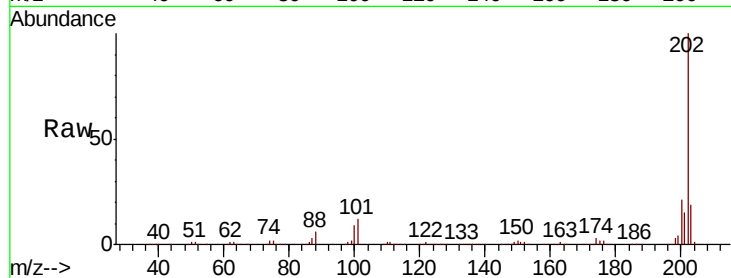




#75
 Fluoranthene
 Concen: 46.146 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

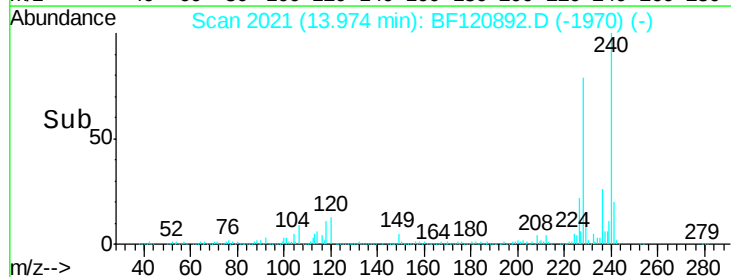
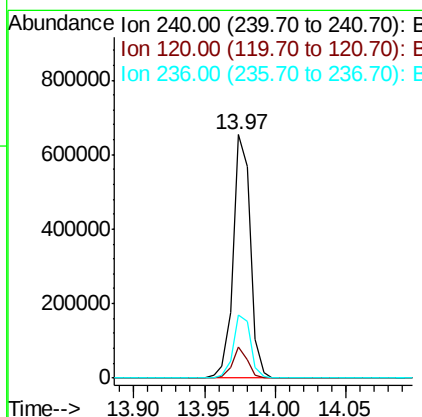
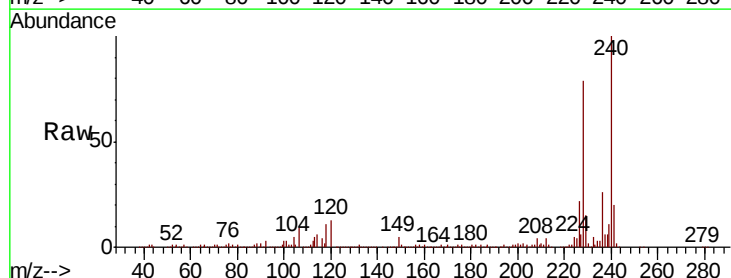
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MS

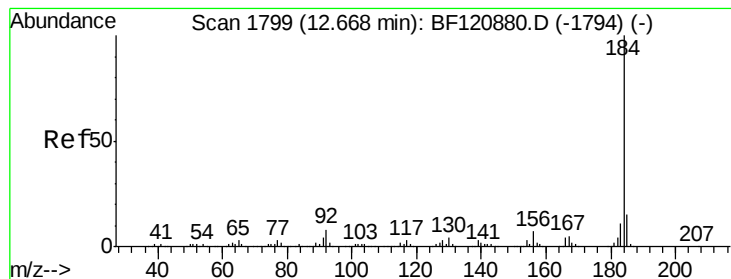
Tot Ion:202 Resp: 1820035
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 32.7
 203 18.6 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

Tgt Ion:240 Resp: 551611
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.0 13.4
 236 25.9 21.7 32.5





#77

Benzidine

Concen: 10.608 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MS

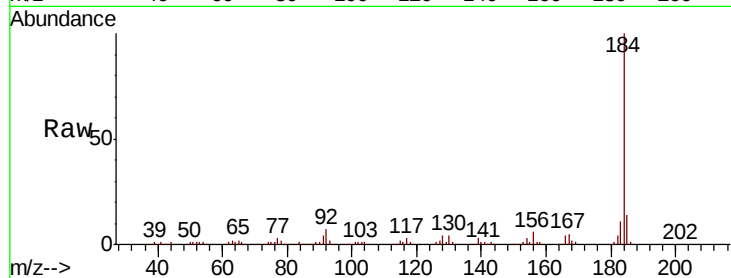
Tot Ion:184 Resp: 153846

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.2

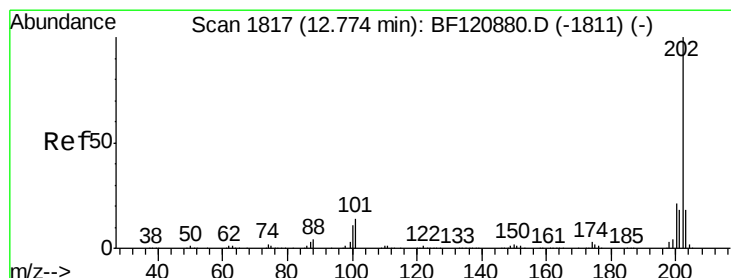
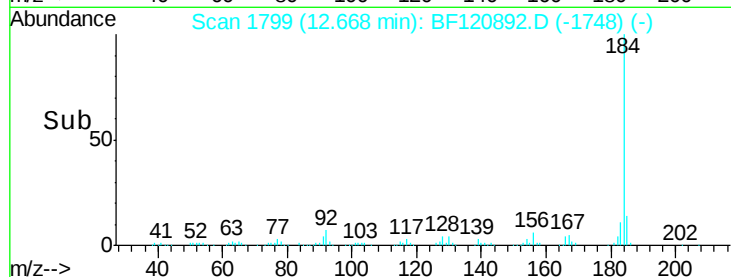
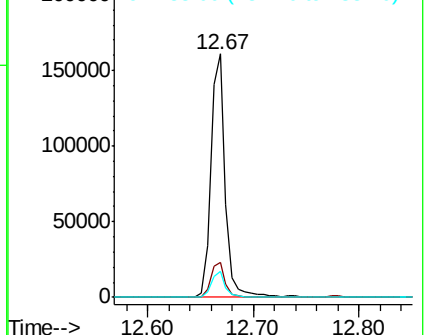
183 10.6 8.5 12.7



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: 47.126 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

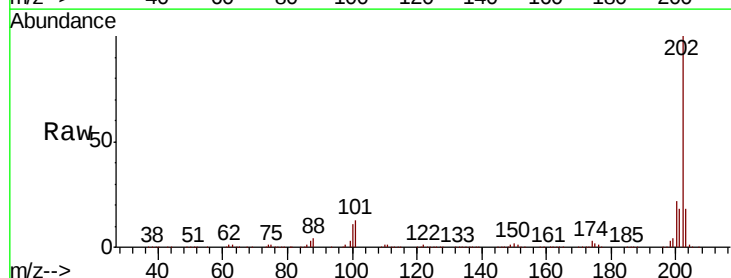
Tgt Ion:202 Resp: 1837857

Ion Ratio Lower Upper

202 100

200 21.7 17.0 25.4

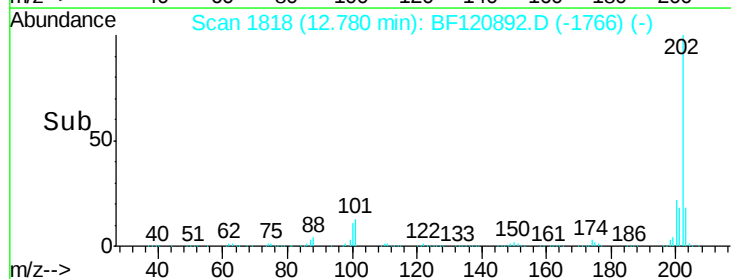
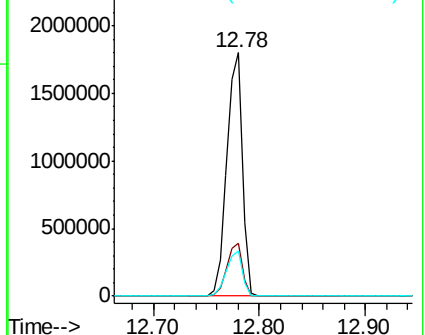
203 18.4 14.4 21.6



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: 70.559 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MS

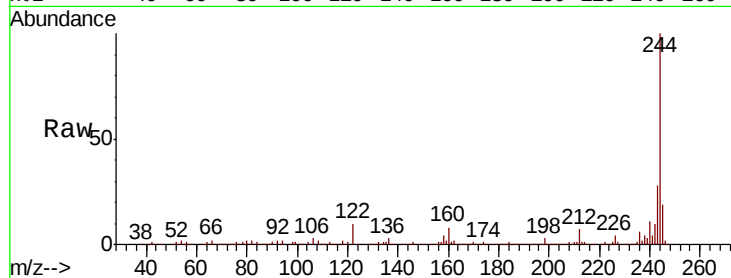
Tot Ion:244 Resp: 1790485

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

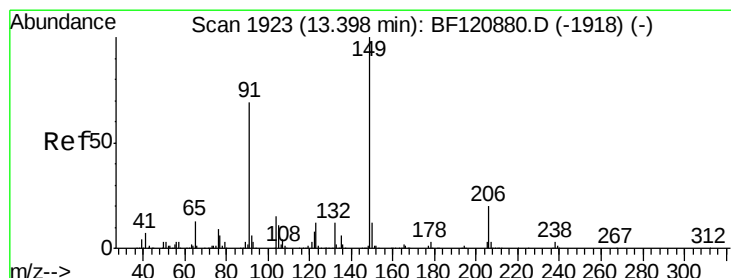
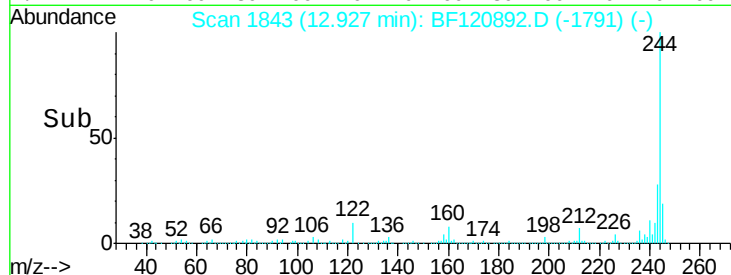
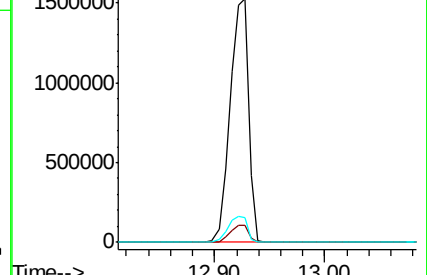
122 10.4 8.9 13.3



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: 49.871 ng

RT: 13.40 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

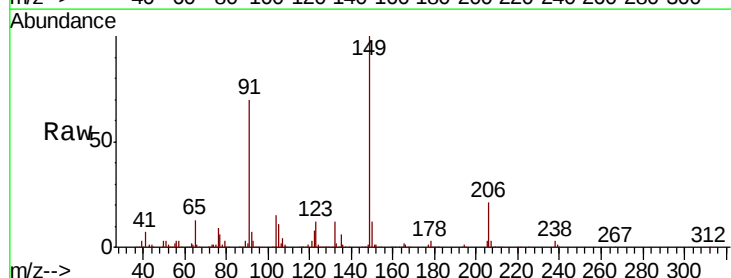
Tgt Ion:149 Resp: 867020

Ion Ratio Lower Upper

149 100

91 70.2 55.1 82.7

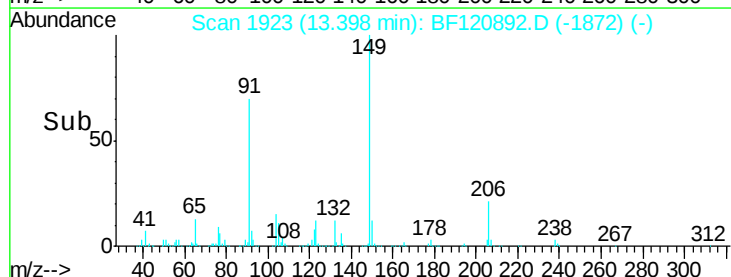
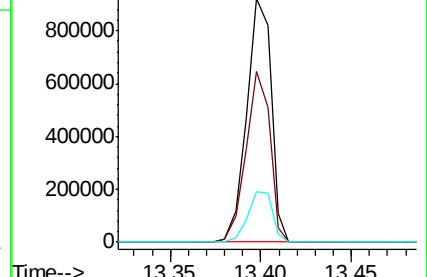
206 20.5 16.1 24.1



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: 43.213 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MS

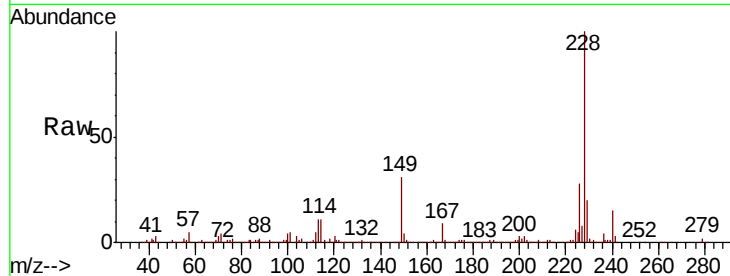
Tot Ion:228 Resp: 1443450

Ion Ratio Lower Upper

228 100

226 28.4 22.3 33.5

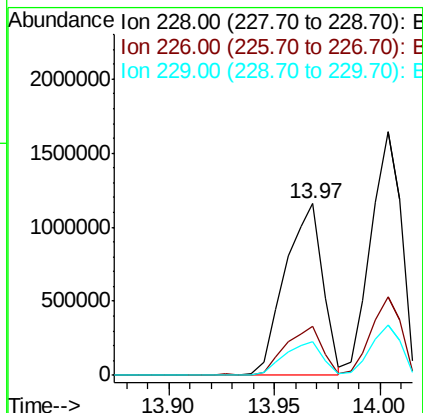
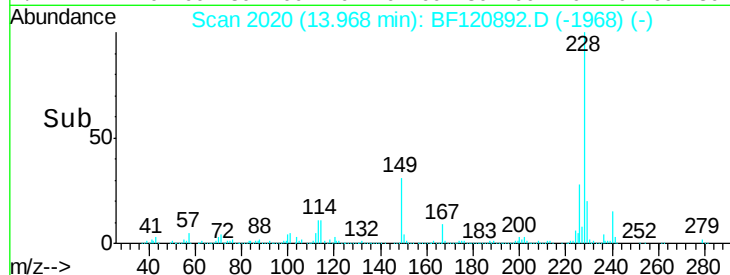
229 19.9 16.1 24.1



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: 31.845 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120892.D

Acq: 16 Jul 2020 18:27

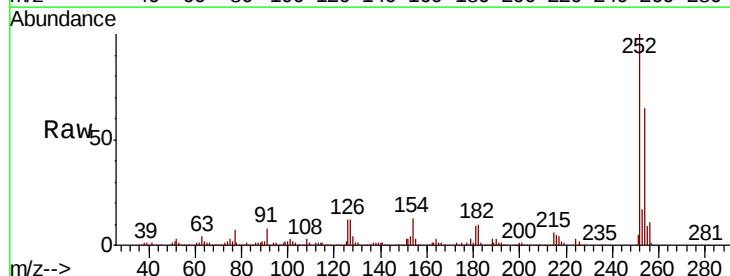
Tgt Ion:252 Resp: 401312

Ion Ratio Lower Upper

252 100

254 64.7 51.2 76.8

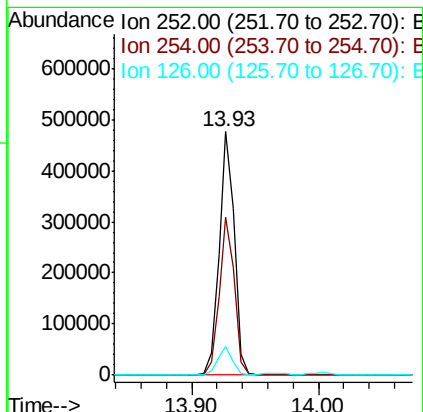
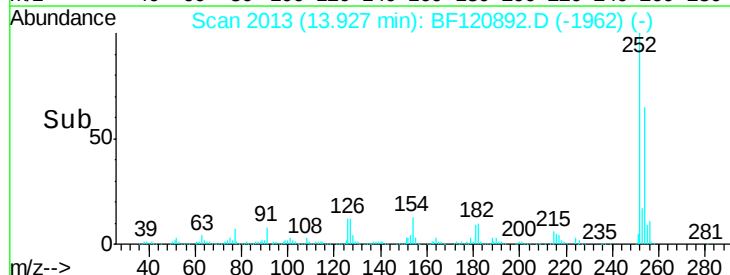
126 11.6 8.7 13.1

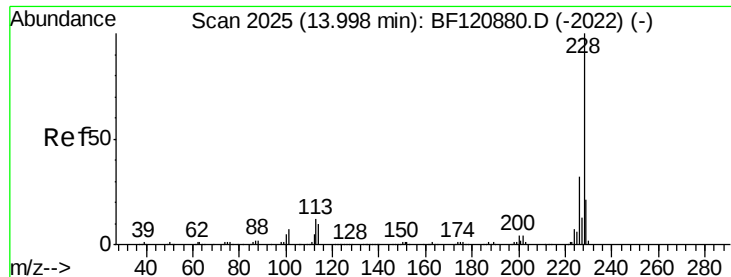


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

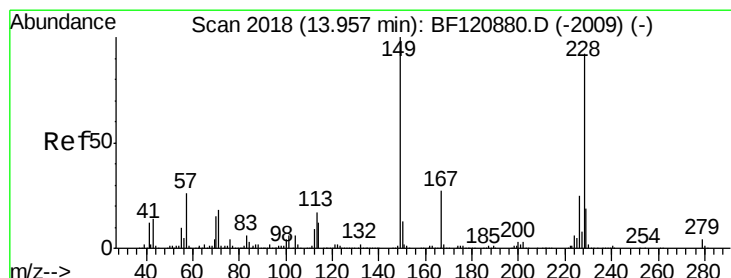
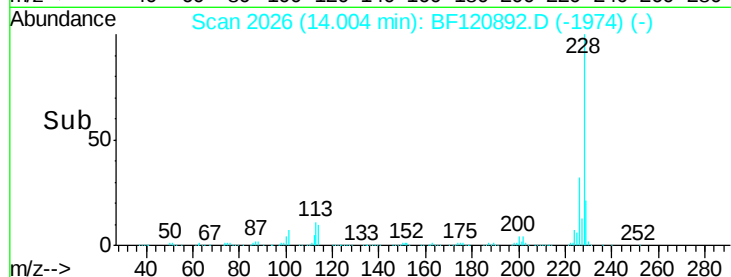
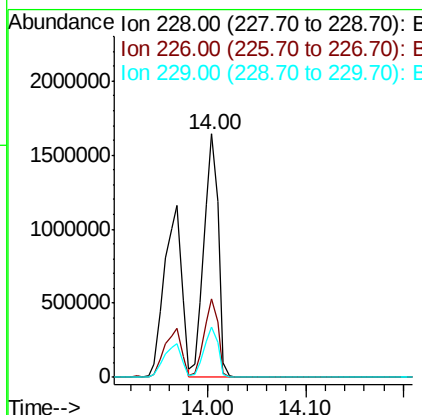
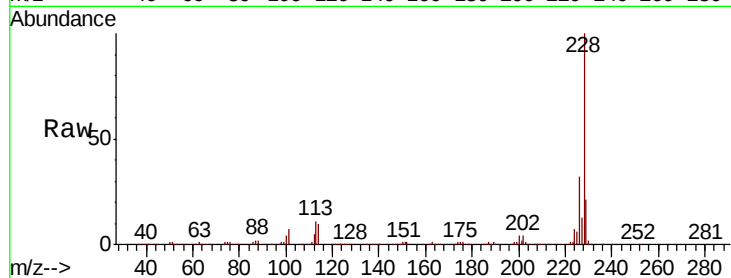




#83
 Chrvsene
 Concen: 47.446 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

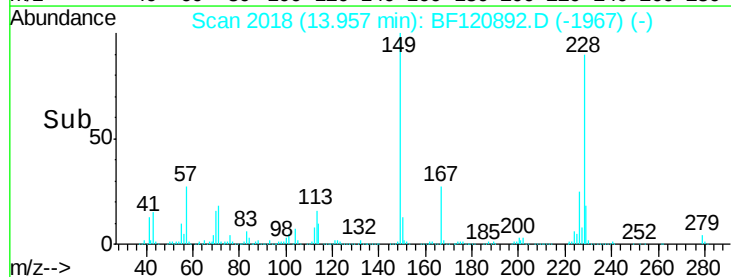
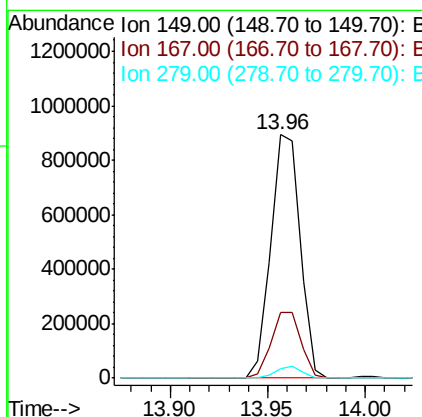
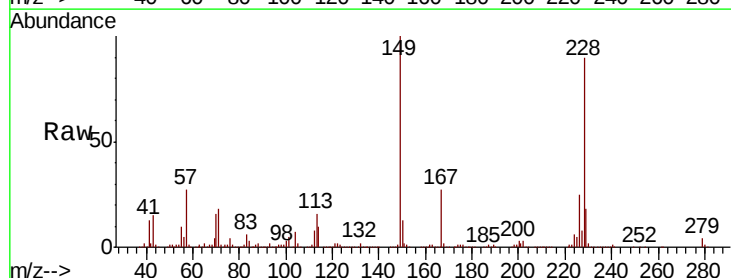
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MS

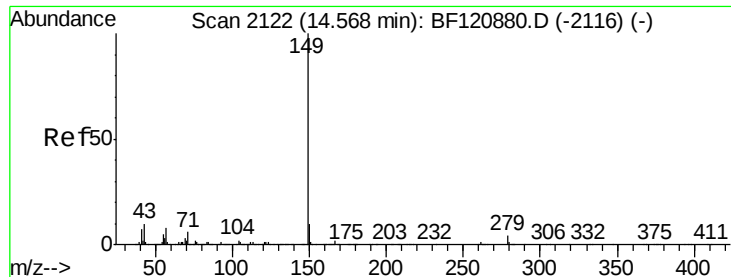
Tot Ion:228 Resp: 1665498
 Ion Ratio Lower Upper
 228 100
 226 32.2 25.6 38.4
 229 20.5 16.8 25.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.613 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

Tgt Ion:149 Resp: 934975
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.9 32.9
 279 3.8 3.0 4.4

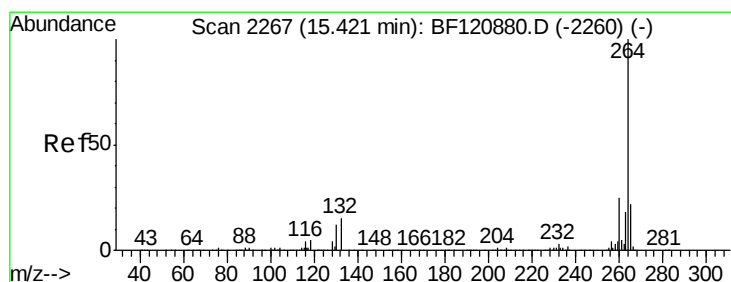
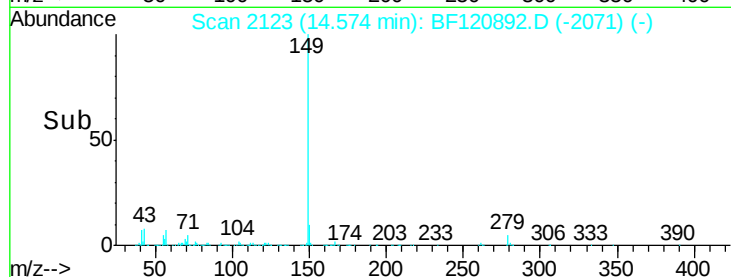
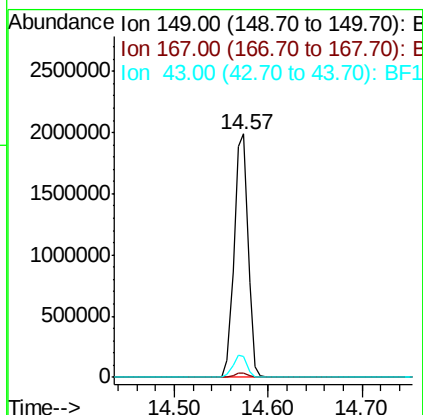
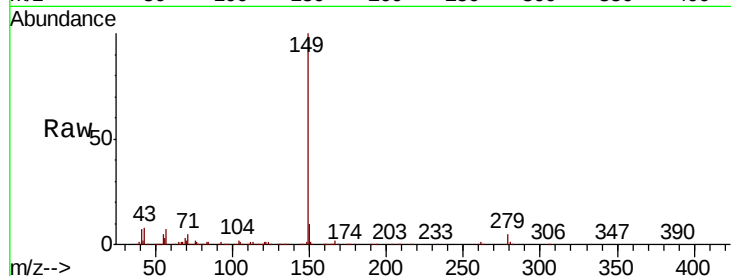




#85
Di-n-octyl phthalate
Concen: 47.883 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

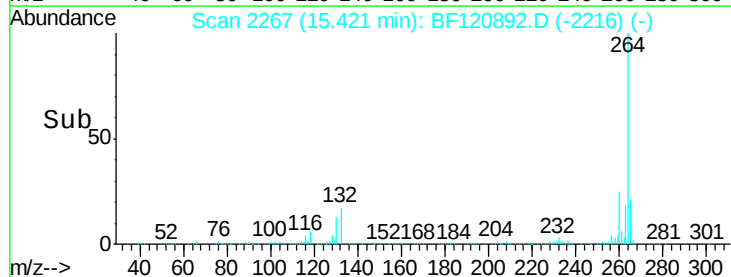
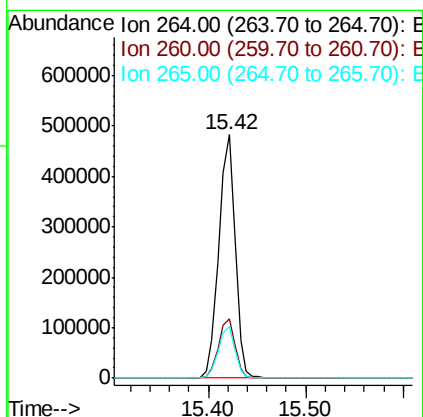
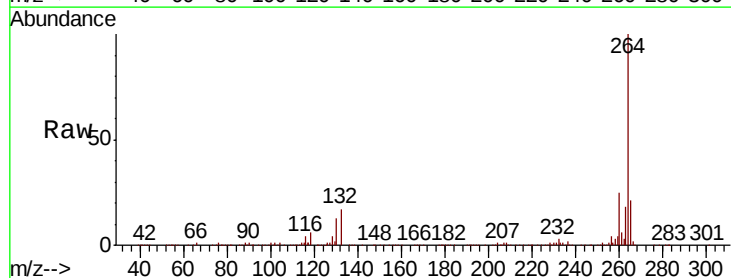
Instrument :
BNA_F
ClientSampleId :
SU-03-071420MS

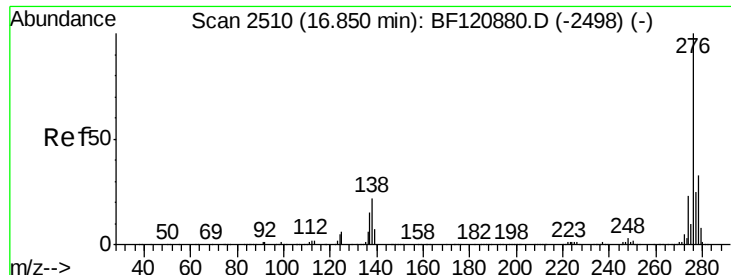
Tot Ion:149 Resp: 2042264
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

Tgt Ion:264 Resp: 567048
Ion Ratio Lower Upper
264 100
260 24.6 20.0 30.0
265 21.3 17.4 26.2

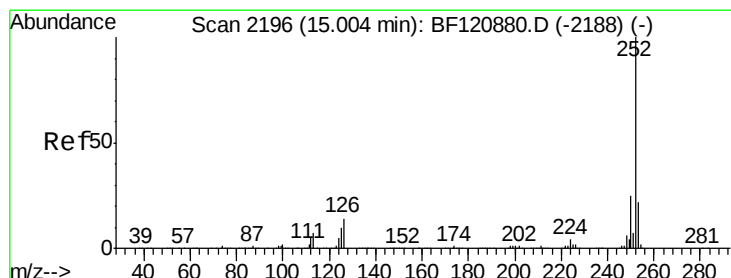
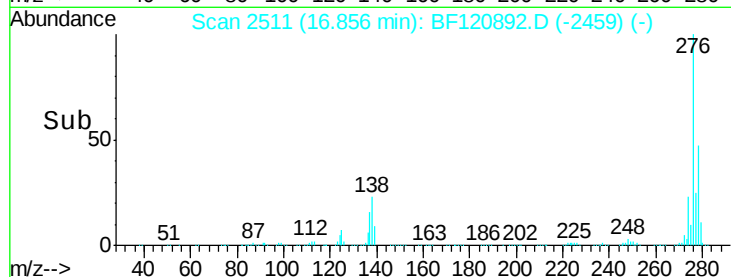
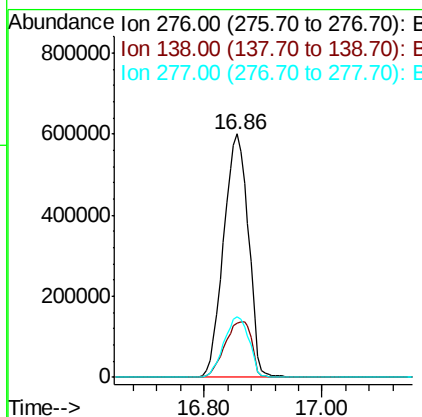
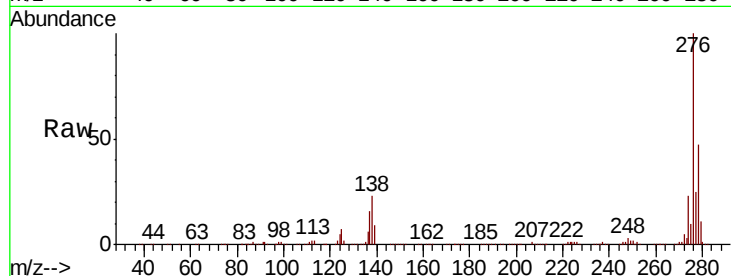




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.480 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.01 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

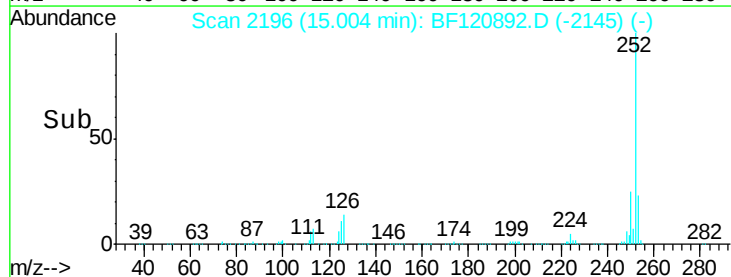
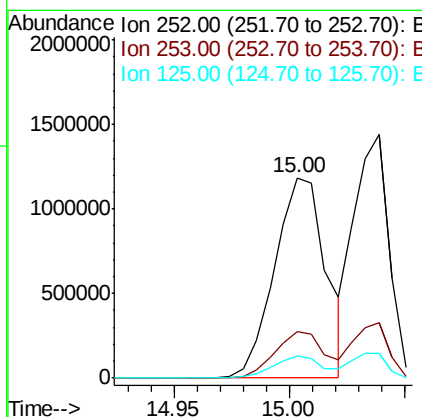
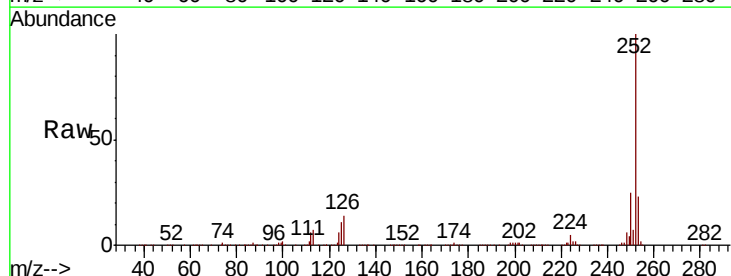
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MS

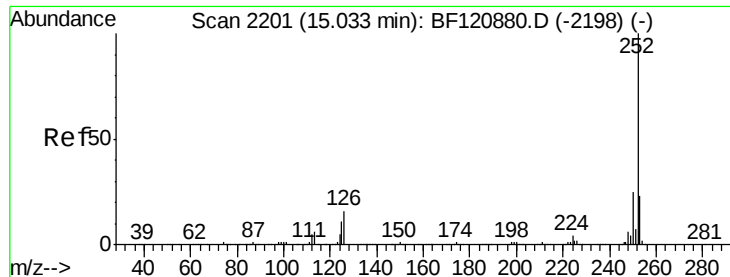
Tot Ion:276 Resp: 1754121
 Ion Ratio Lower Upper
 276 100
 138 24.8 19.8 29.8
 277 25.4 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 53.398 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120892.D
 Acq: 16 Jul 2020 18:27

Tgt Ion:252 Resp: 1830257
 Ion Ratio Lower Upper
 252 100
 253 23.1 18.0 27.0
 125 10.9 8.3 12.5

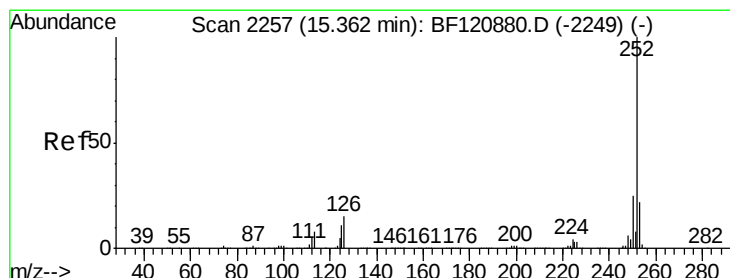
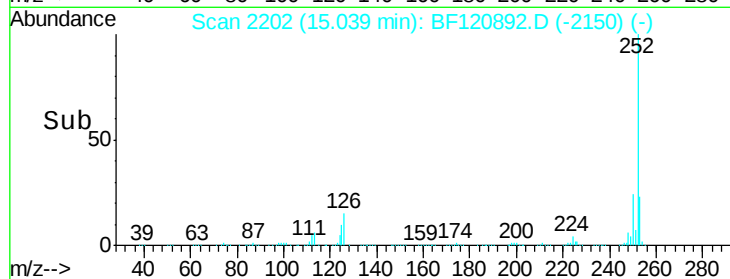
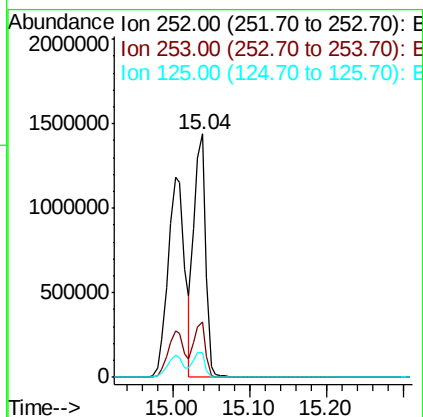
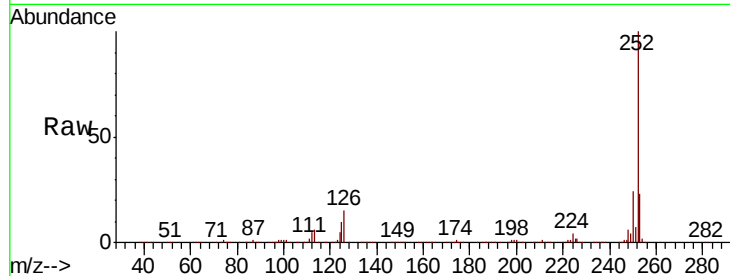




#89
Benzo(k)fluoranthene
Concen: 48.909 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

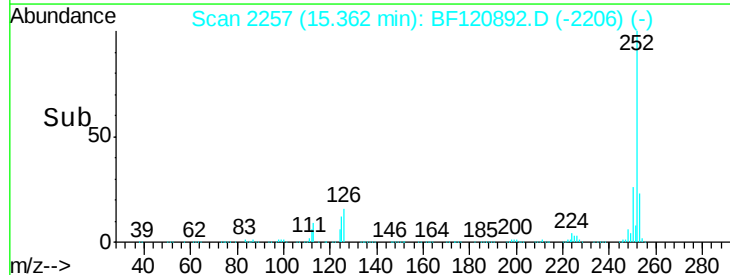
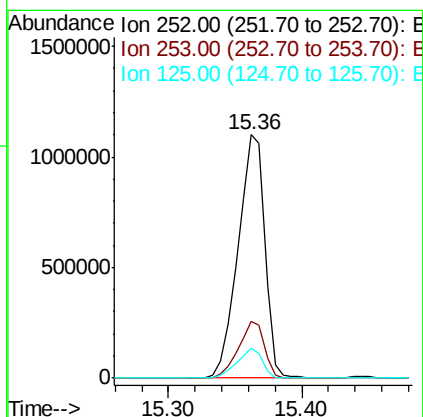
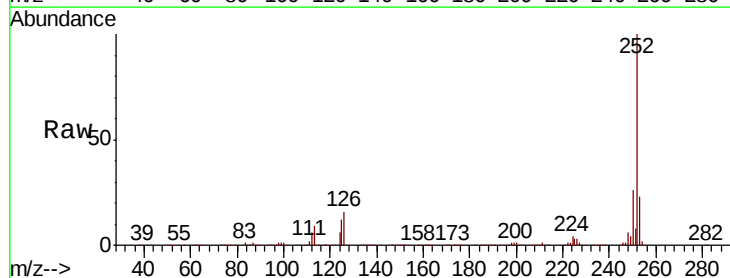
Instrument :
BNA_F
ClientSampleId :
SU-03-071420MS

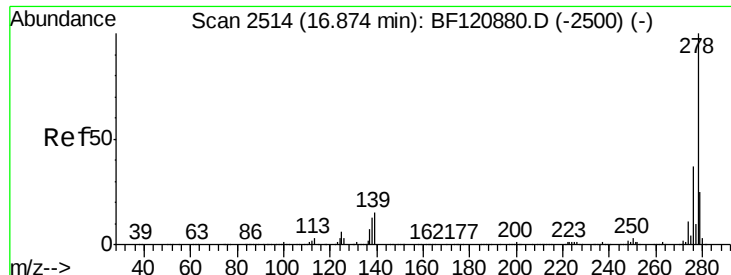
Tot Ion:252 Resp: 1528871
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 10.0 8.4 12.6



#90
Benzo(a)pyrene
Concen: 48.901 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

Tgt Ion:252 Resp: 1529234
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 12.0 8.9 13.3

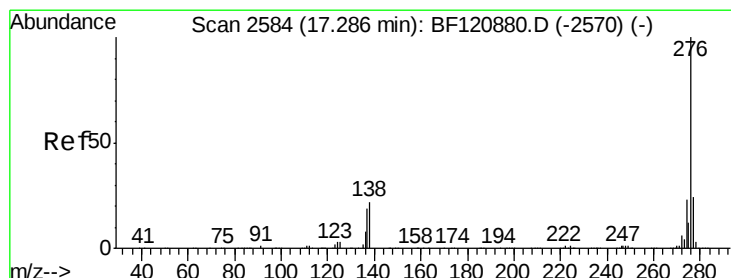
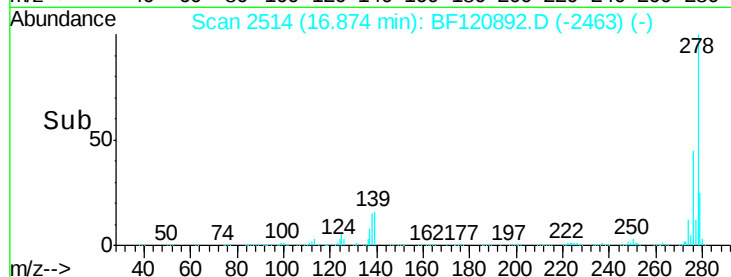
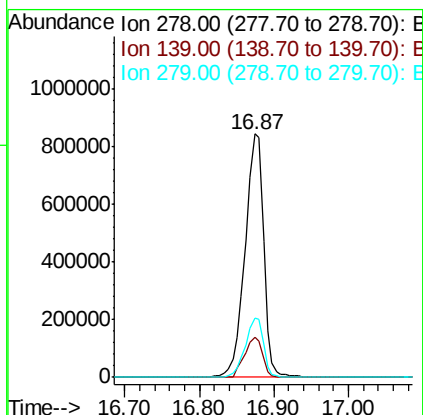
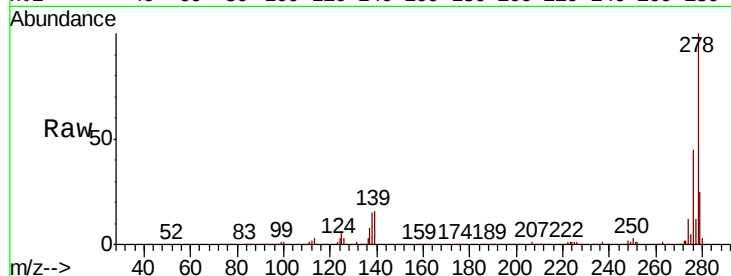




#91
Dibenzo(a,h)anthracene
Concen: 45.520 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
SU-03-071420MS

Tot Ion:278 Resp: 1466368
Ion Ratio Lower Upper
278 100
139 16.5 12.3 18.5
279 24.5 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 44.098 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BF120892.D
Acq: 16 Jul 2020 18:27

Tgt Ion:276 Resp: 1400652
Ion Ratio Lower Upper
276 100
277 24.2 18.8 28.2
138 21.5 17.5 26.3

