

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
 Data File : BF121054.D
 Acq On : 28 Jul 2020 2:22
 Operator : JU/CG
 Sample : L3382-03MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CTR-007MS

Quant Time: Jul 28 03:06:34 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	164928	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	645660	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	345122	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	653921	20.00	ng	0.00
76) Chrysene-d12	13.97	240	474761	20.00	ng	0.00
86) Perylene-d12	15.42	264	434925	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1100569	109.39	ng	0.02
7) Phenol-d6	6.45	99	1274410	98.06	ng	0.00
23) Nitrobenzene-d5	7.38	82	954606	85.55	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	483602	128.01	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1626173	70.35	ng	0.00
79) Terphenyl-d14	12.92	244	1829476	83.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	185179	39.994	ng	# 84
3) Pyridine	3.42	79	361121	29.319	ng	99
4) n-Nitrosodimethylamine	3.35	42	216556	41.116	ng	94
6) Aniline	6.48	93	471614	27.801	ng	99
8) 2-Chlorophenol	6.60	128	500696	45.177	ng	96
9) Benzaldehyde	6.36	77	193313	28.304	ng	96
10) Phenol	6.46	94	509978	35.674	ng	95
11) bis(2-Chloroethyl)ether	6.55	93	483355	44.118	ng	99
12) 1,3-Dichlorobenzene	6.76	146	482977	40.188	ng	99
13) 1,4-Dichlorobenzene	6.83	146	490637	41.057	ng	99
14) 1,2-Dichlorobenzene	6.99	146	478361	42.313	ng	99
15) Benzyl Alcohol	6.96	79	403412	43.895	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	659972	41.793	ng	97
17) 2-Methylphenol	7.07	107	395752	40.288	ng	98
18) Hexachloroethane	7.33	117	180378	41.704	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	315673	42.718	ng	99
20) 3+4-Methylphenols	7.23	107	423653	33.903	ng	# 80
22) Acetophenone	7.23	105	622849	42.983	ng	95
24) Nitrobenzene	7.40	77	503623	41.876	ng	100
25) Isophorone	7.64	82	969064	43.515	ng	100
26) 2-Nitrophenol	7.72	139	264760	46.353	ng	98
27) 2,4-Dimethylphenol	7.75	122	440237	47.471	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	611553	44.987	ng	99
29) 2,4-Dichlorophenol	7.96	162	425470	44.898	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	444360	42.265	ng	98
31) Naphthalene	8.12	128	1393014	42.060	ng	100
32) Benzoic acid	7.86	122	113236	16.266	ng	92
33) 4-Chloroaniline	8.17	127	315122	21.329	ng	98
34) Hexachlorobutadiene	8.24	225	251073	40.509	ng	100
35) Caprolactam	8.55	113	99766	32.829	ng	93
36) 4-Chloro-3-methylphenol	8.65	107	450953	46.399	ng	99
37) 2-Methylnaphthalene	8.81	142	969544	45.086	ng	99
38) 1-Methylnaphthalene	8.91	142	912955	44.825	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	437442	43.503	ng	99

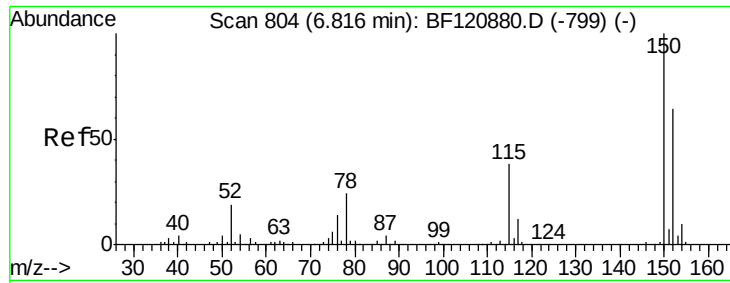
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
 Data File : BF121054.D
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	422009	75.936	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	313239	44.243	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	344814	42.936	ng	96
46) 1,1'-Biphenyl	9.27	154	1185238	45.022	ng	98
47) 2-Chloronaphthalene	9.30	162	914321	42.599	ng	99
48) 2-Nitroaniline	9.40	65	290988	44.861	ng	92
49) Acenaphthylene	9.72	152	1477588	44.313	ng	100
50) Dimethylphthalate	9.58	163	1125550	45.206	ng	99
51) 2,6-Dinitrotoluene	9.64	165	252075	47.124	ng	92
52) Acenaphthene	9.89	154	921948	43.490	ng	100
53) 3-Nitroaniline	9.80	138	192674	28.719	ng	97
54) 2,4-Dinitrophenol	9.91	184	99421	36.365	ng	93
55) Dibenzofuran	10.06	168	1322002	43.123	ng	100
56) 4-Nitrophenol	9.97	139	369437	72.492	ng	98
57) 2,4-Dinitrotoluene	10.05	165	334645	47.639	ng	97
58) Fluorene	10.40	166	935956	40.935	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	302291	49.437	ng	95
60) Diethylphthalate	10.27	149	1139320	45.240	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	463500	38.007	ng	99
62) 4-Nitroaniline	10.42	138	273895	41.911	ng	99
63) Azobenzene	10.55	77	1039747	43.367	ng	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	99268	27.972	ng	94
66) n-Nitrosodiphenylamine	10.52	169	954796	46.415	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	330278	45.301	ng	97
68) Hexachlorobenzene	10.95	284	365683	46.367	ng	96
69) Atrazine	11.04	200	274846	53.949	ng	98
70) Pentachlorophenol	11.15	266	387881	85.850	ng	98
71) Phenanthrene	11.36	178	1472902	43.795	ng	100
72) Anthracene	11.42	178	1545762	45.772	ng	99
73) Carbazole	11.57	167	1460856	43.589	ng	99
74) Di-n-butylphthalate	11.90	149	1793967	46.385	ng	99
75) Fluoranthene	12.55	202	1641015	44.021	ng	98
77) Benzidine	12.67	184	735400	58.915	ng	100
78) Pyrene	12.78	202	1660853	49.481	ng	100
80) Butylbenzylphthalate	13.40	149	776506	51.895	ng	98
81) Benzo(a)anthracene	13.97	228	1262677	43.921	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	462605	42.651	ng	99
83) Chrysene	14.00	228	1366866	45.242	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	953819	51.694	ng	# 98
85) Di-n-octyl phthalate	14.57	149	1835505	50.001	ng	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1384423	45.770	ng	99
88) Benzo(b)fluoranthene	15.00	252	1263279	48.052	ng	100
89) Benzo(k)fluoranthene	15.03	252	1274141	53.142	ng	100
90) Benzo(a)pyrene	15.36	252	1136945	47.401	ng	100
91) Dibenzo(a,h)anthracene	16.87	278	1156572	46.810	ng	99
92) Benzo(g,h,i)perylene	17.29	276	1150379	47.221	ng	99

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

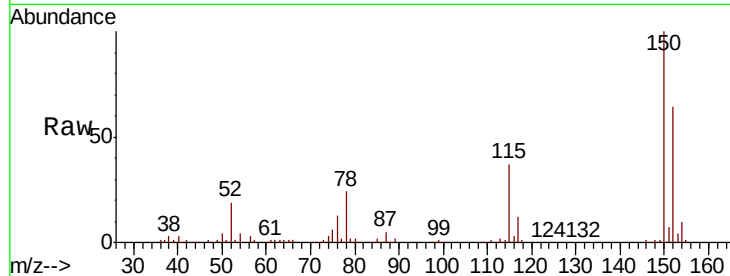


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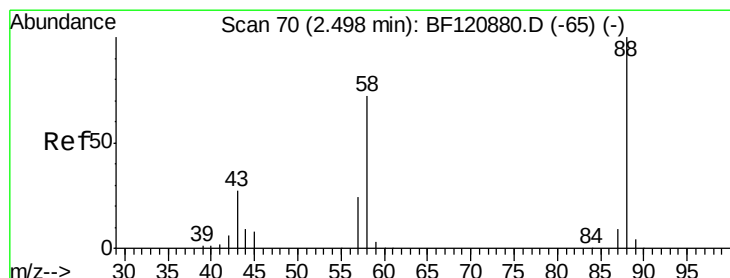
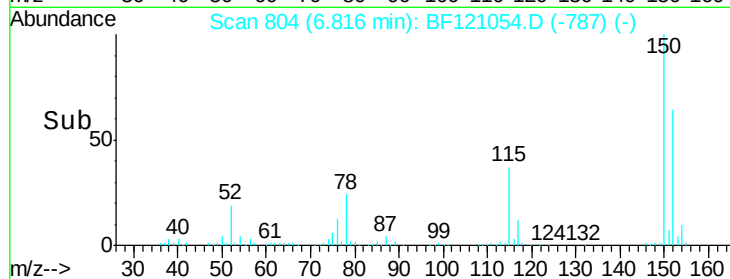
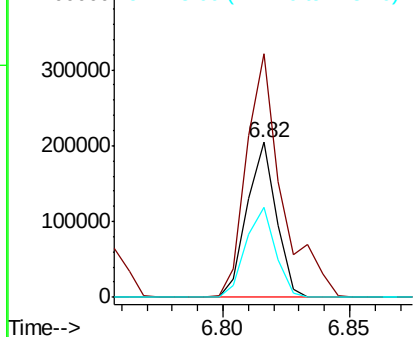
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121054.D
Acq: 28 Jul 2020 2:22

Instrument :
BNA_F
ClientSampleId :
CTR-007MS

Tot Ion:152 Resp: 164928
Ion Ratio Lower Upper
152 100
150 156.9 125.0 187.6
115 58.2 47.0 70.4



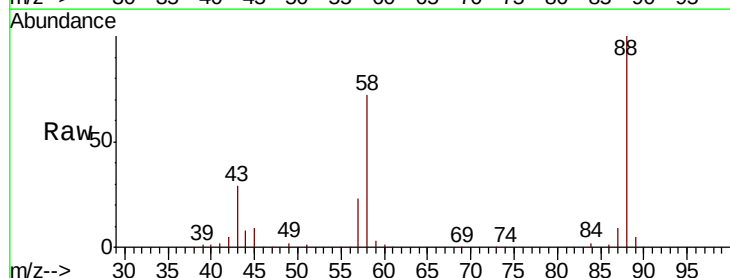
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



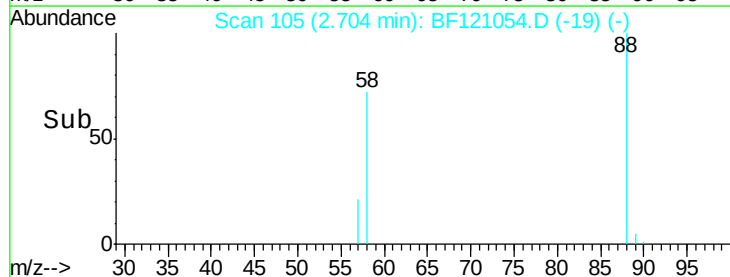
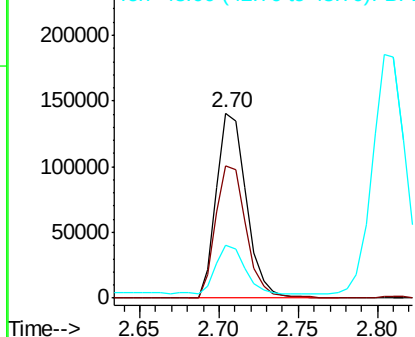
#2

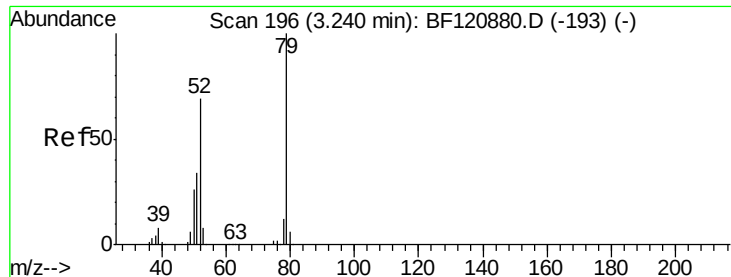
1,4-Dioxane
Concen: 39.994 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.21 min
Lab File: BF121054.D
Acq: 28 Jul 2020 2:22

Tgt Ion: 88 Resp: 185179
Ion Ratio Lower Upper
88 100
58 71.5 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: 29.319 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.18 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

Instrument :

BNA_F

ClientSampleId :

CTR-007MS

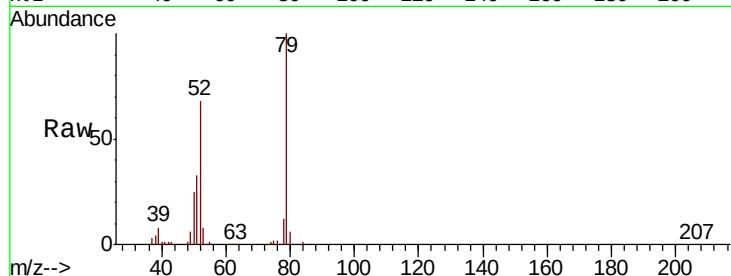
Tot Ion: 79 Resp: 361121

Ion Ratio Lower Upper

79 100

52 67.7 55.0 82.6

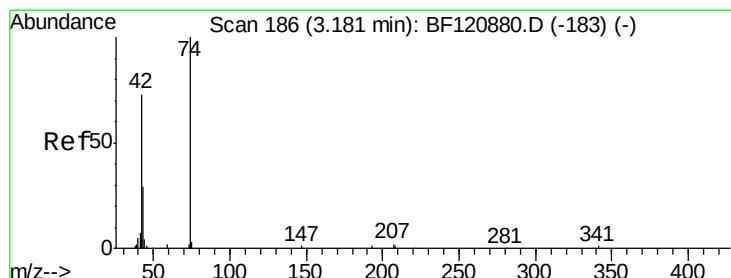
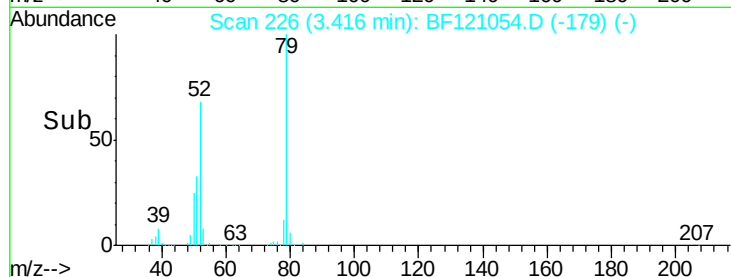
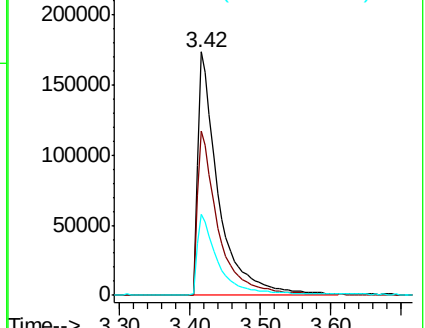
51 33.1 26.9 40.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.116 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.16 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

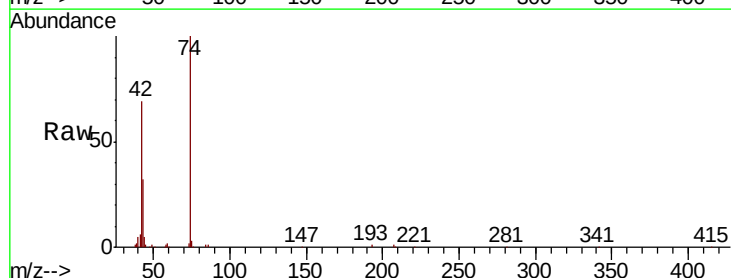
Tgt Ion: 42 Resp: 216556

Ion Ratio Lower Upper

42 100

74 143.9 108.7 163.1

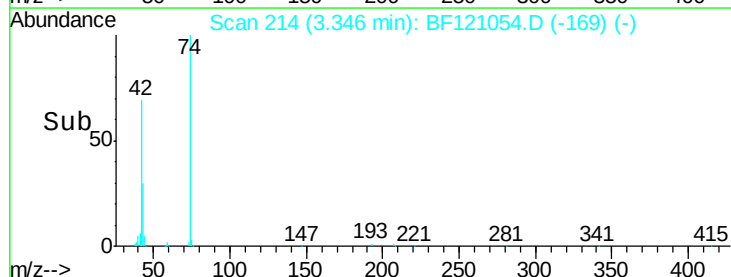
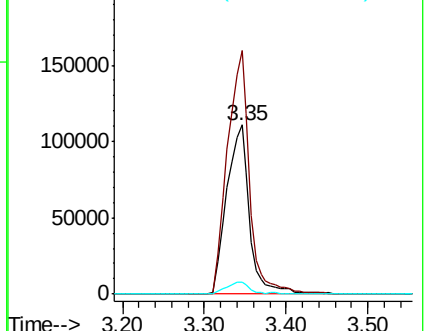
44 6.8 5.2 7.8

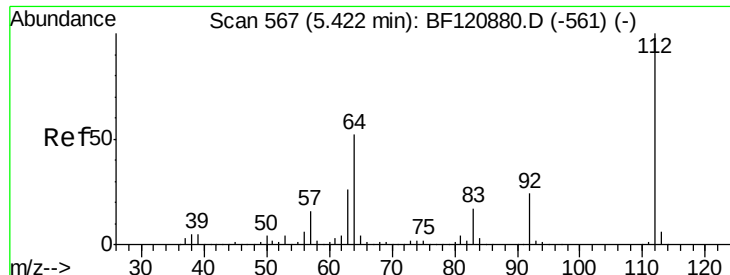


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 109.395 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.02 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

Instrument :

BNA_F

ClientSampleId :

CTR-007MS

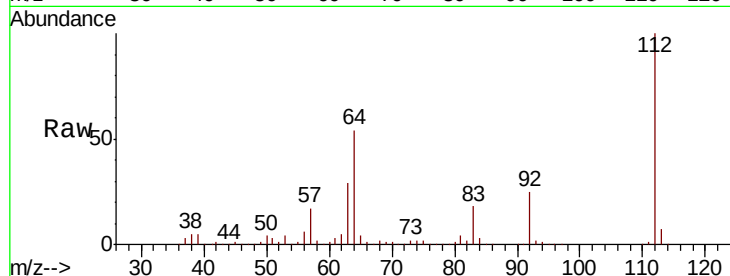
Tot Ion: 112 Resp: 1100569

Ion Ratio Lower Upper

112 100

64 54.2 41.3 61.9

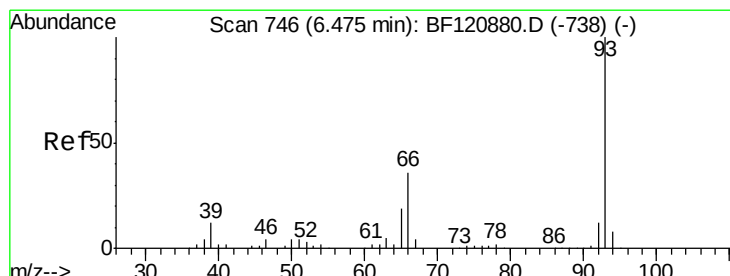
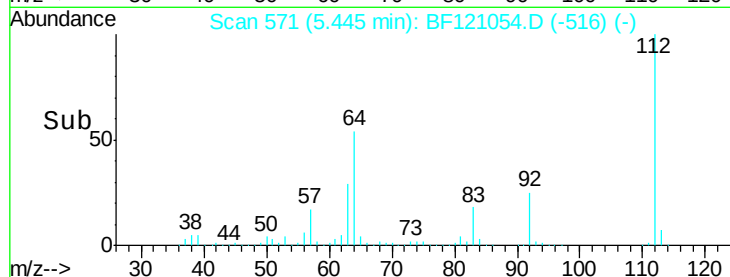
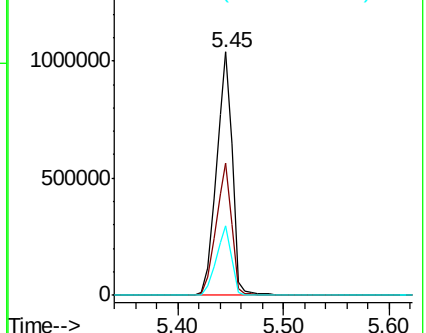
63 28.7 21.1 31.7



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: 27.801 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

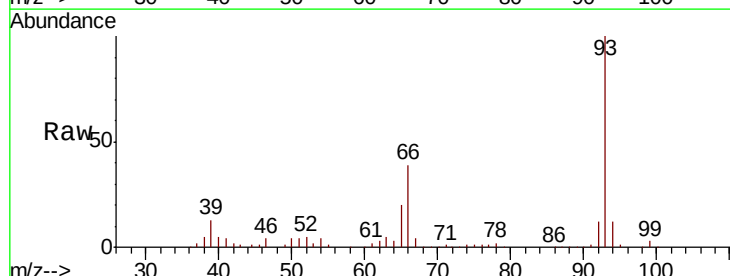
Tgt Ion: 93 Resp: 471614

Ion Ratio Lower Upper

93 100

66 38.8 30.2 45.4

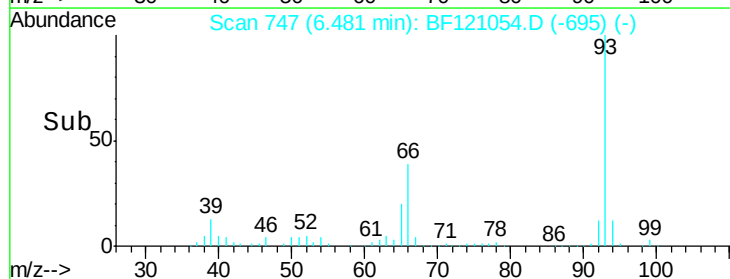
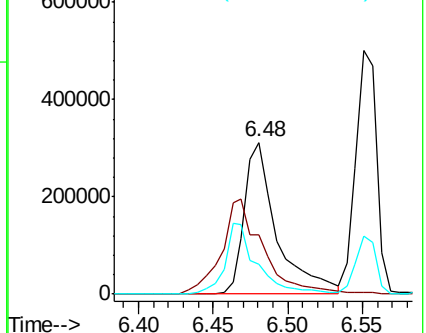
65 19.8 15.8 23.6

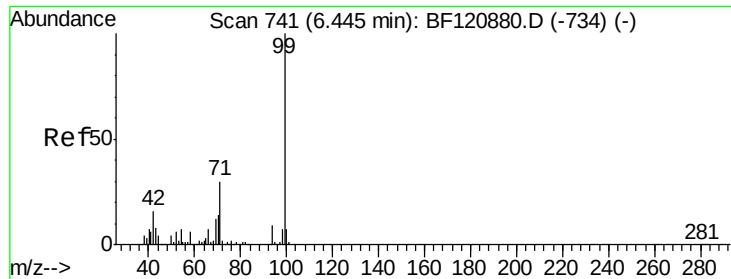


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.064 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

Instrument :

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ClientSampleId :

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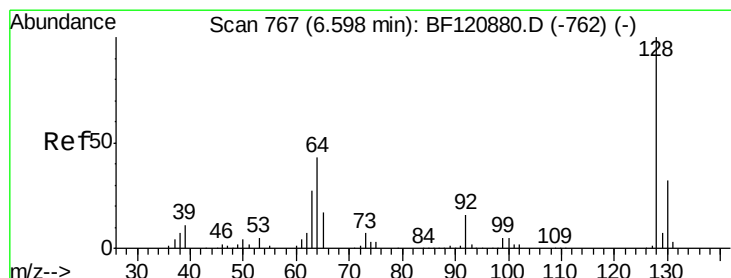
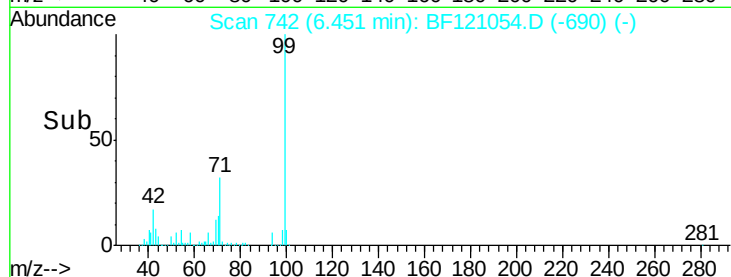
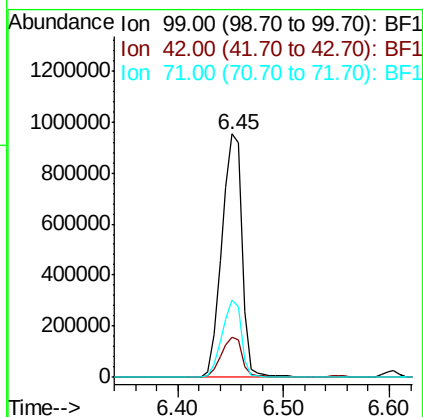
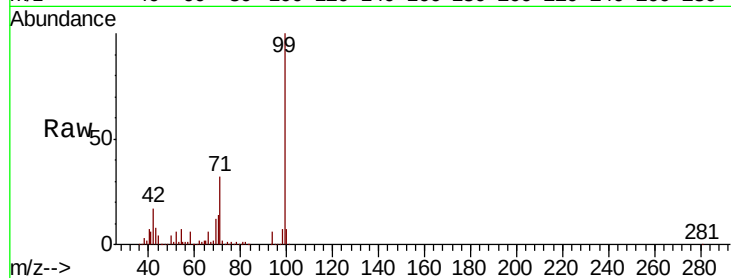
Tot Ion: 99 Resp: 1274410

Ion Ratio Lower Upper

99 100

42 16.6 13.1 19.7

71 31.7 24.2 36.4



#8

2-Chlorophenol

Concen: 45.177 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

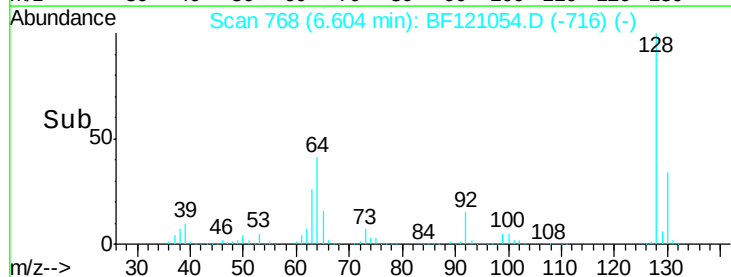
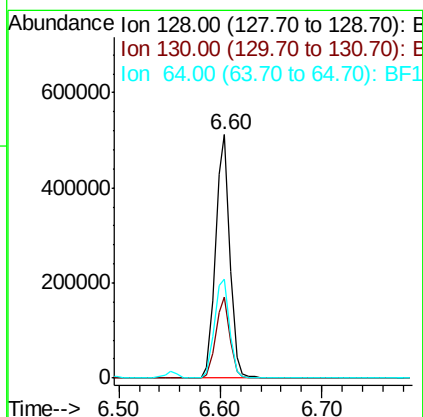
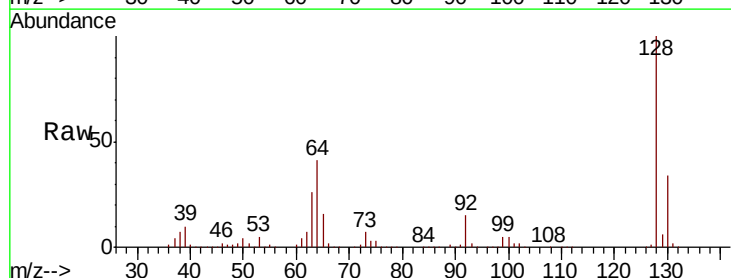
Tgt Ion: 128 Resp: 500696

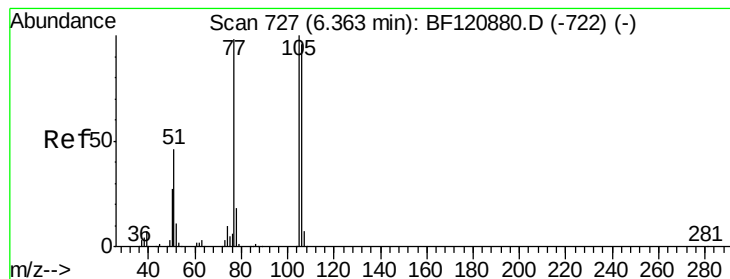
Ion Ratio Lower Upper

128 100

130 33.6 12.1 52.1

64 40.5 24.0 64.0





#9

Benzaldehyde

Concen: 28.304 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

Instrument :

BNA_F

ClientSampleId :

CTR-007MS

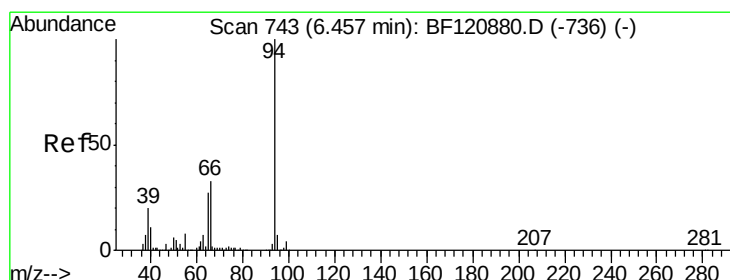
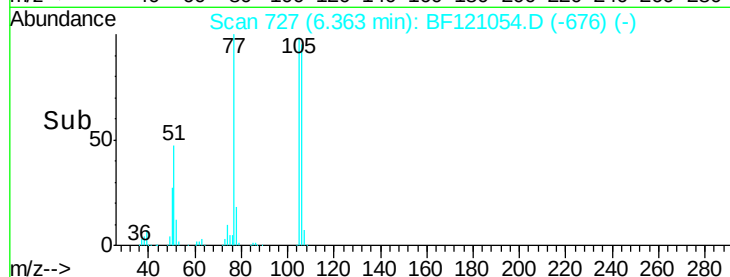
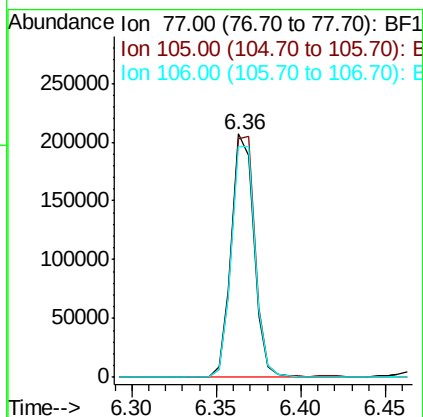
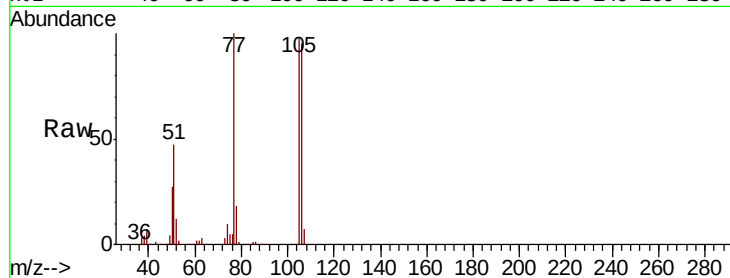
Tot Ion: 77 Resp: 193313

Ion Ratio Lower Upper

77 100

105 97.7 82.5 122.5

106 94.6 78.7 118.7



#10

Phenol

Concen: 35.674 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

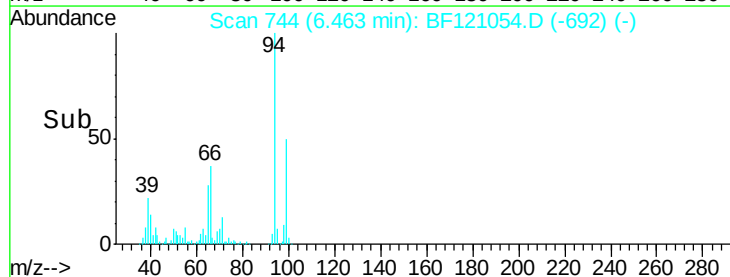
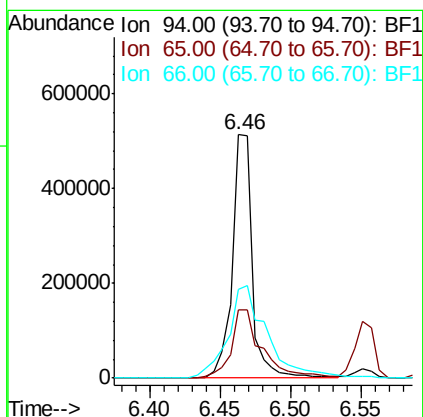
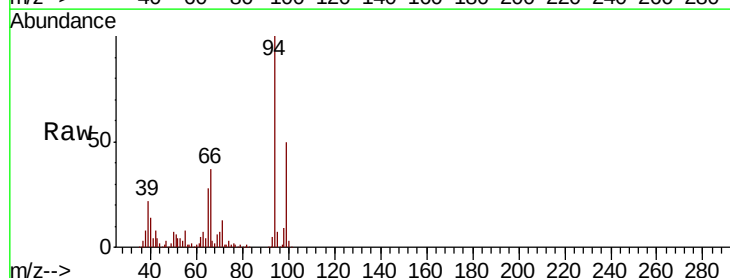
Tgt Ion: 94 Resp: 509978

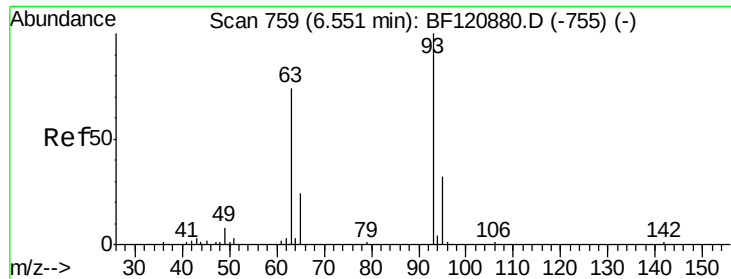
Ion Ratio Lower Upper

94 100

65 28.2 6.6 46.6

66 36.6 13.2 53.2

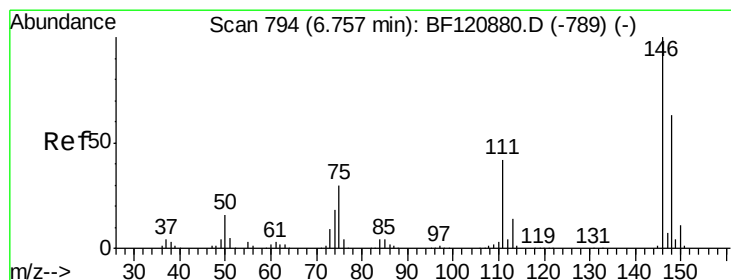
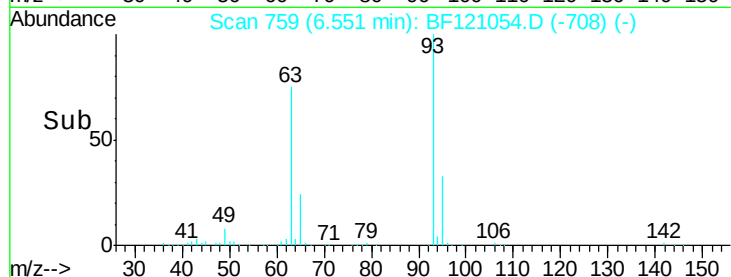
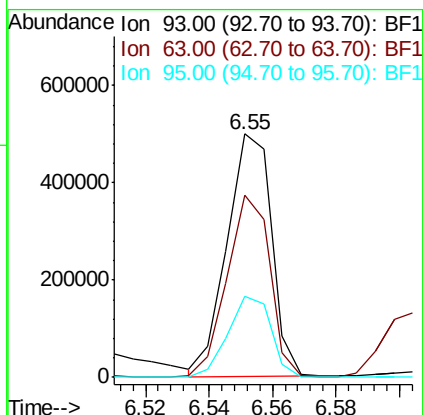
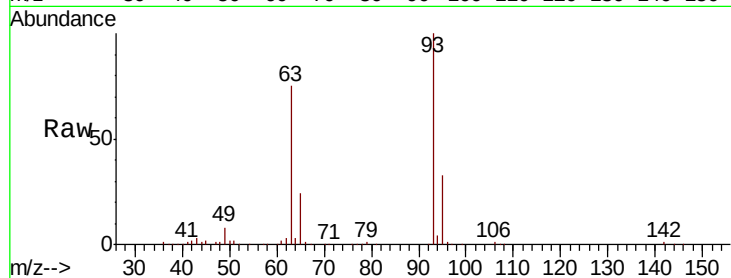




#11
bis(2-Chloroethyl)ether
Concen: 44.118 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF121054.D
Acq: 28 Jul 2020 2:22

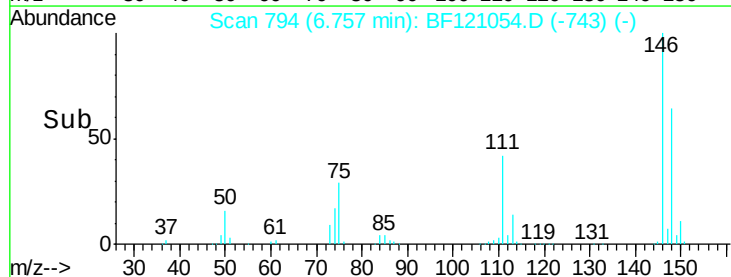
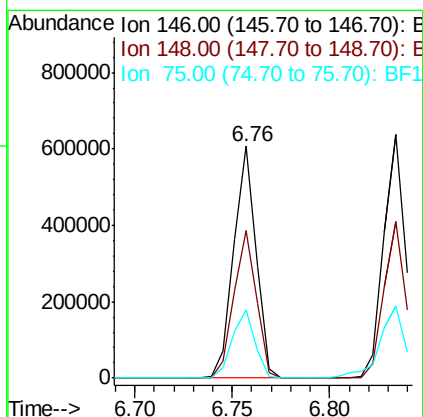
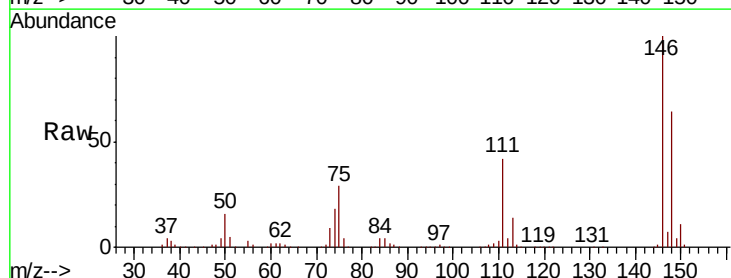
Instrument :
BNA_F
ClientSampleId :
CTR-007MS

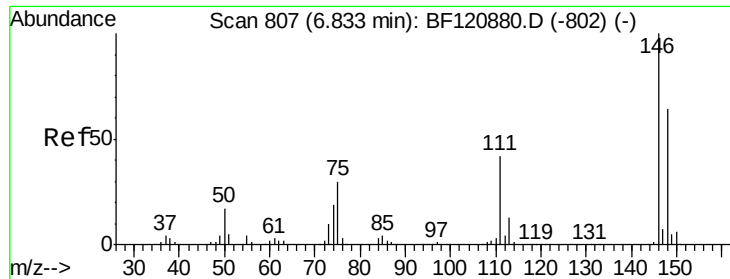
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.8	54.2	94.2
95	33.4	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 40.188 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF121054.D
Acq: 28 Jul 2020 2:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	75.8
75	29.3	24.1	36.1

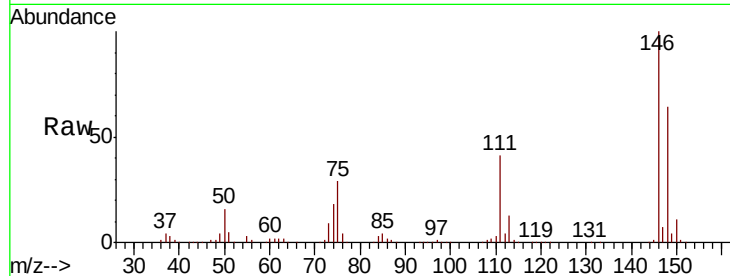




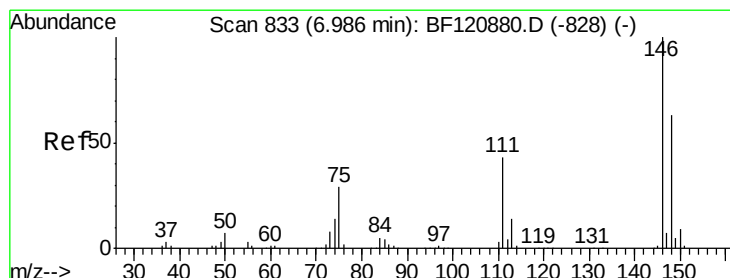
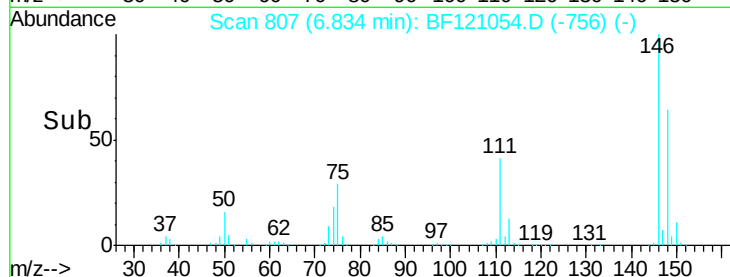
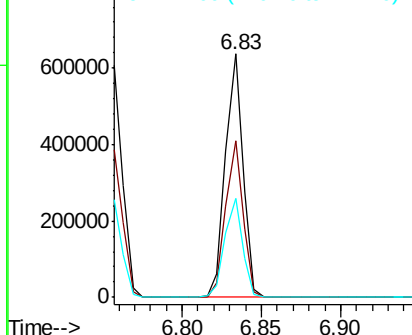
#13
 1,4-Dichlorobenzene
 Concen: 41.057 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF121054.D
 Acq: 28 Jul 2020 2:22

Instrument :
 BNA_F
 ClientSampleId :
 CTR-007MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
111	40.6	33.5	50.3

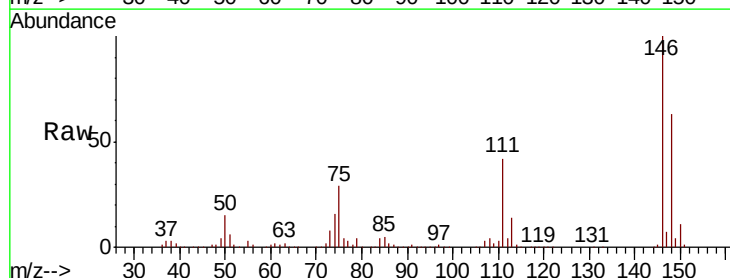


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

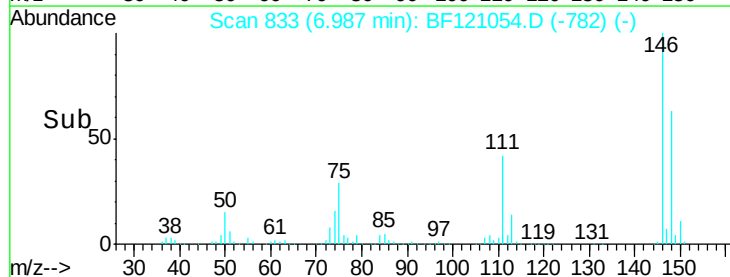
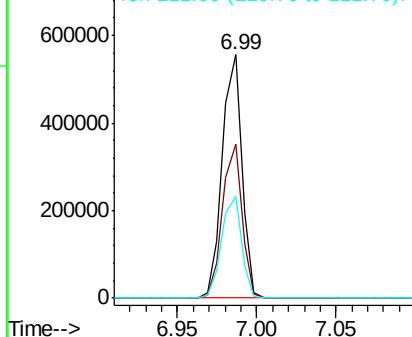


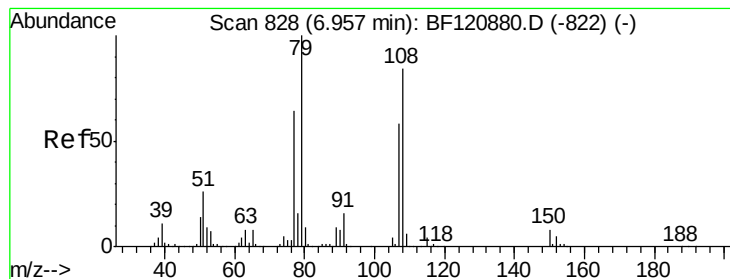
#14
 1,2-Dichlorobenzene
 Concen: 42.313 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF121054.D
 Acq: 28 Jul 2020 2:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	76.0
111	41.7	34.2	51.2



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





#15

Benzyl Alcohol

Concen: 43.895 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

Instrument :

BNA_F

ClientSampleId :

CTR-007MS

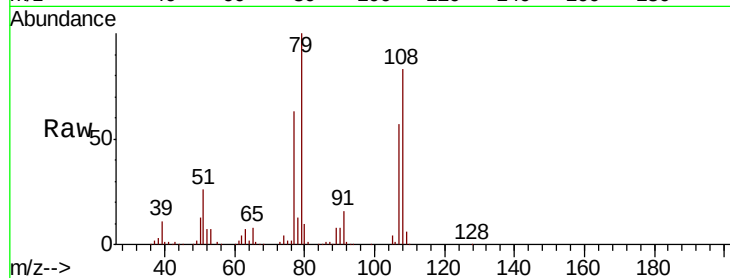
Tot Ion: 79 Resp: 403412

Ion Ratio Lower Upper

79 100

108 82.5 67.0 100.6

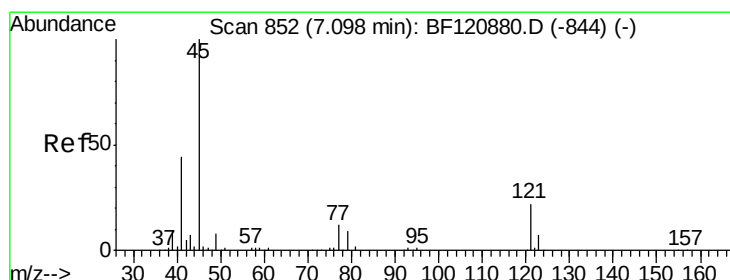
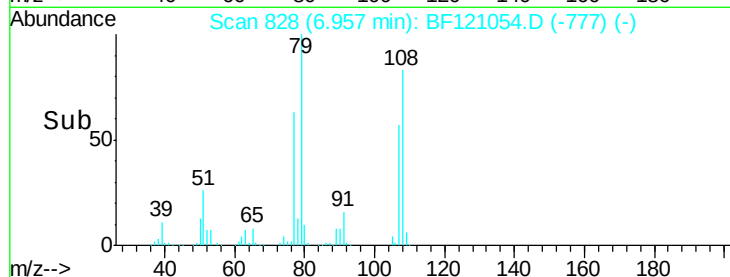
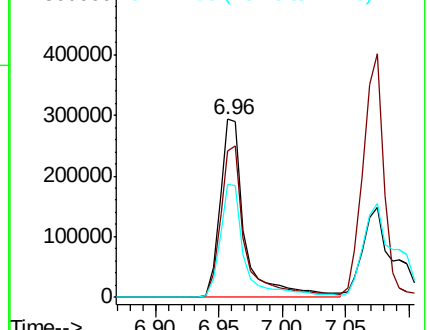
77 63.4 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.793 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

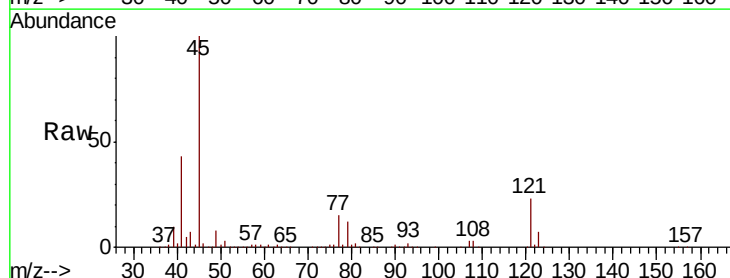
Tgt Ion: 45 Resp: 659972

Ion Ratio Lower Upper

45 100

77 15.2 0.0 34.3

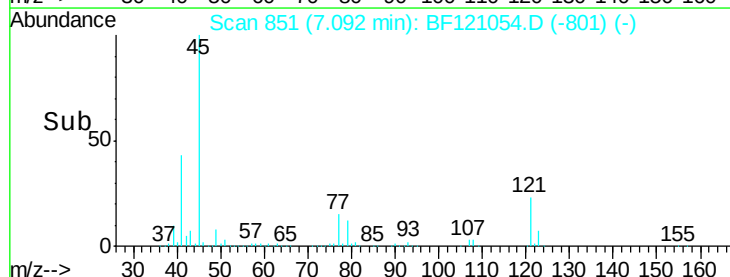
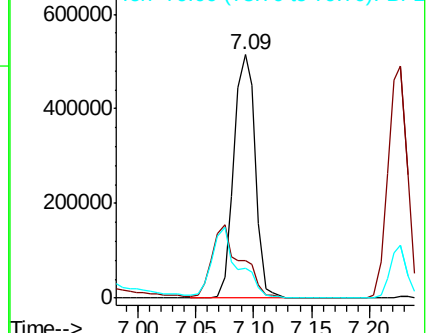
79 12.2 0.0 31.0

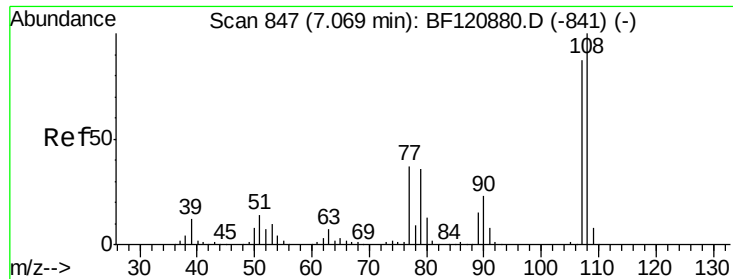


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

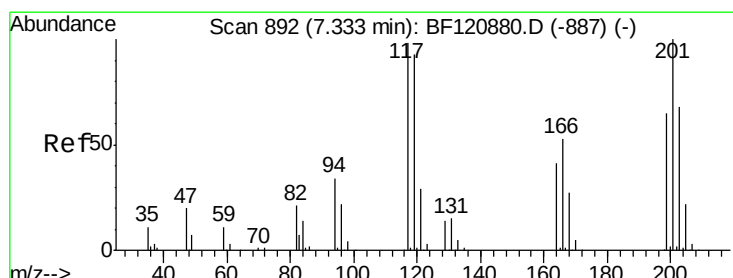
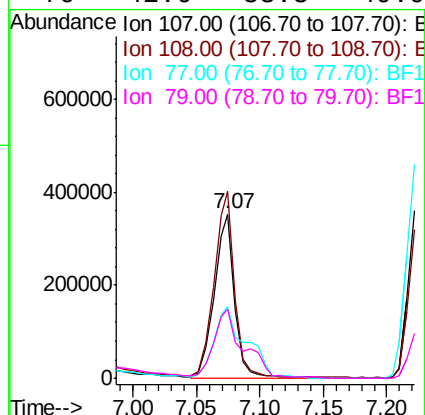
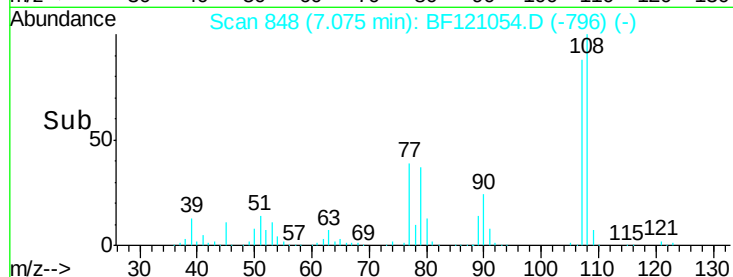
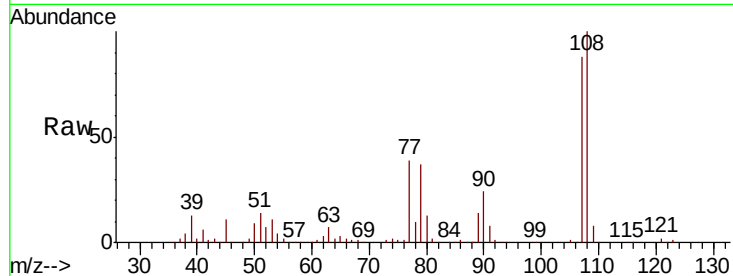




#17
2-Methylphenol
Concen: 40.288 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF121054.D
Acq: 28 Jul 2020 2:22

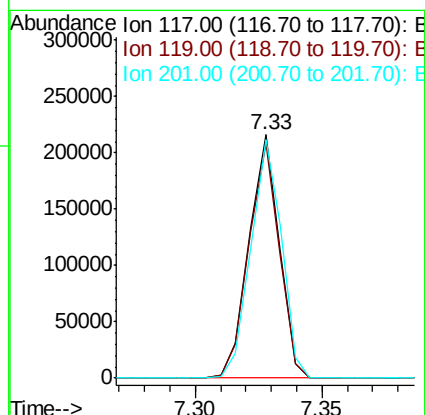
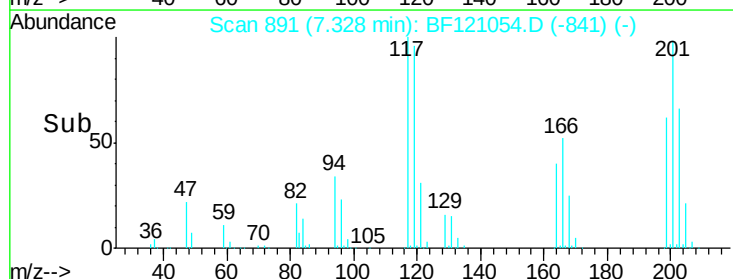
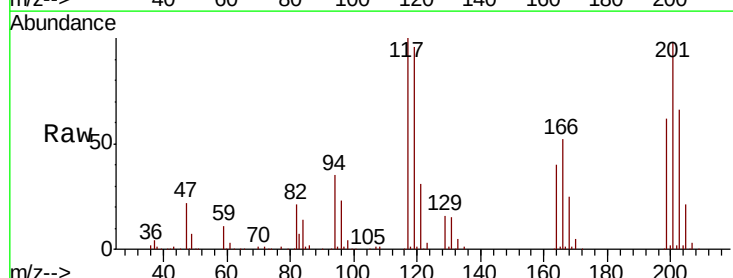
Instrument :
BNA_F
ClientSampleId :
CTR-007MS

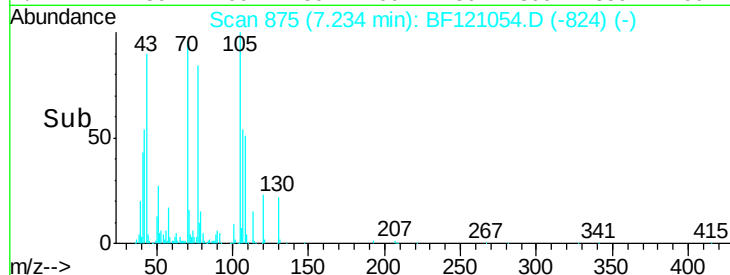
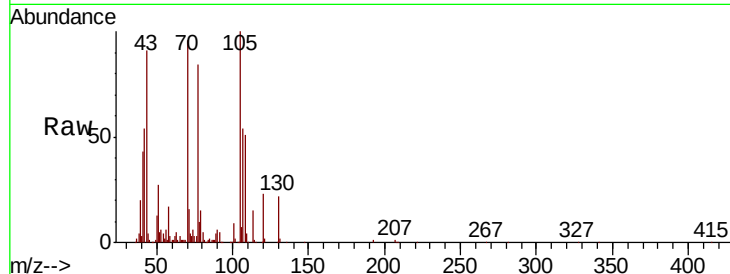
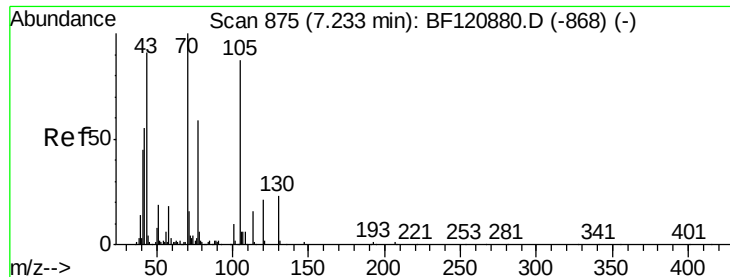
Tot Ion:107 Resp: 395752
Ion Ratio Lower Upper
107 100
108 113.3 92.0 138.0
77 44.0 34.0 51.0
79 42.0 33.3 49.9



#18
Hexachloroethane
Concen: 41.704 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121054.D
Acq: 28 Jul 2020 2:22

Tgt Ion:117 Resp: 180378
Ion Ratio Lower Upper
117 100
119 96.2 76.0 114.0
201 97.7 81.7 122.5

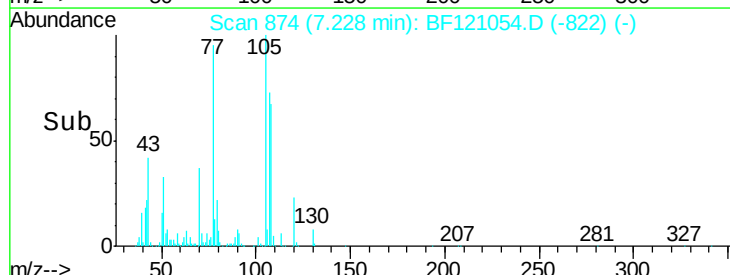
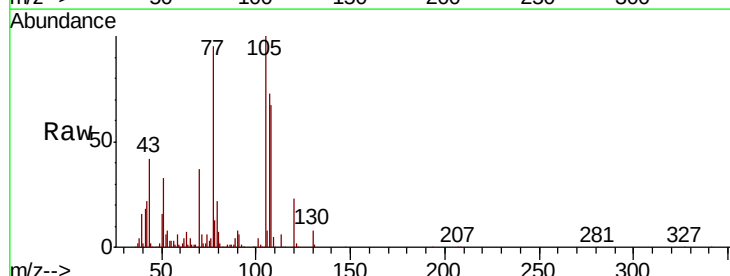
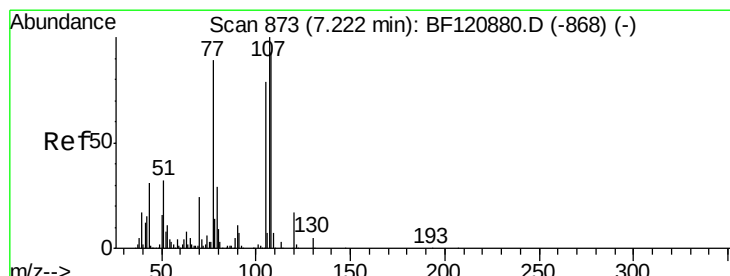
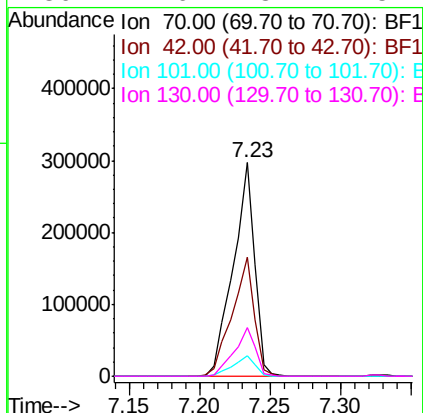




#19
n-Nitroso-di-n-propylamine
Concen: 42.718 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF121054.D
Acq: 28 Jul 2020 2:22

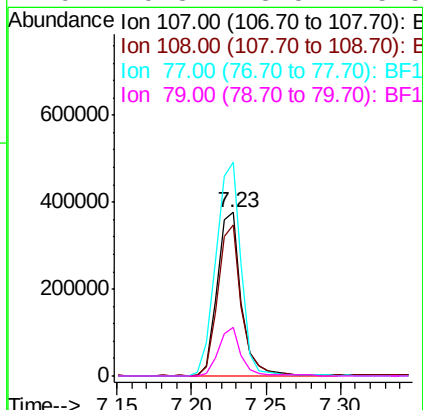
Instrument :
BNA_F
ClientSampleId :
CTR-007MS

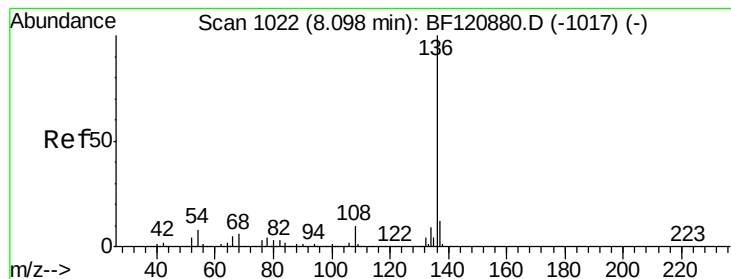
Tot Ion:	70	Resp:	315673
Ion	Ratio	Lower	Upper
70	100		
42	56.0	44.0	66.0
101	9.7	7.8	11.6
130	22.6	18.7	28.1



#20
3+4-Methylphenols
Concen: 33.903 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF121054.D
Acq: 28 Jul 2020 2:22

Tgt Ion:	107	Resp:	423653
Ion	Ratio	Lower	Upper
107	100		
108	92.3	72.8	112.8
77	130.7	68.7	108.7#
79	29.8	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: BF121054.D

Acq: 28 Jul 2020 2:22

Instrument :

BNA_F

ClientSampleId :

CTR-007MS

Tot Ion:136 Resp: 645660

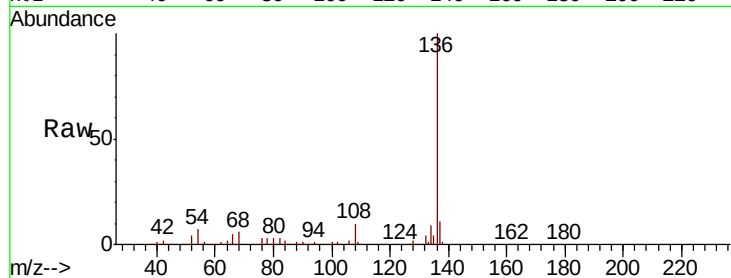
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 7.2 6.3 9.5

68 5.8 5.0 7.4

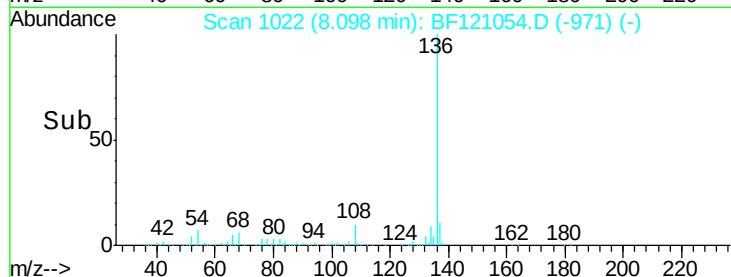


Abundance Ion 136.00 (135.70 to 136.70): E

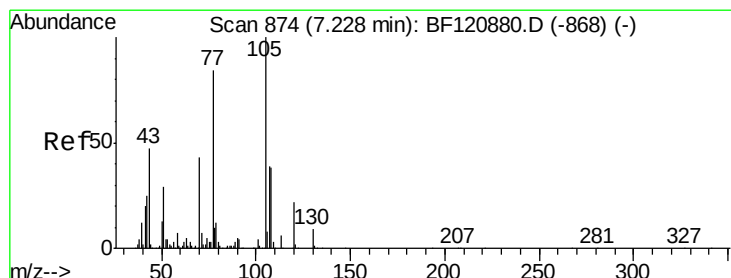
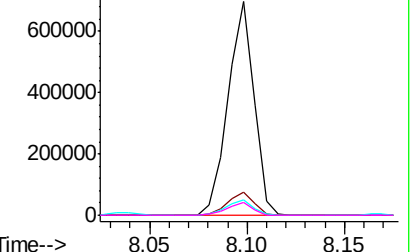
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 42.983 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

Tgt Ion:105 Resp: 622849

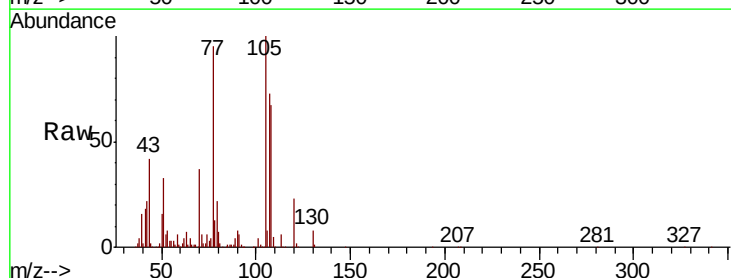
Ion Ratio Lower Upper

105 100

71 6.2 5.7 8.5

51 33.1 22.9 34.3

120 22.7 18.0 27.0

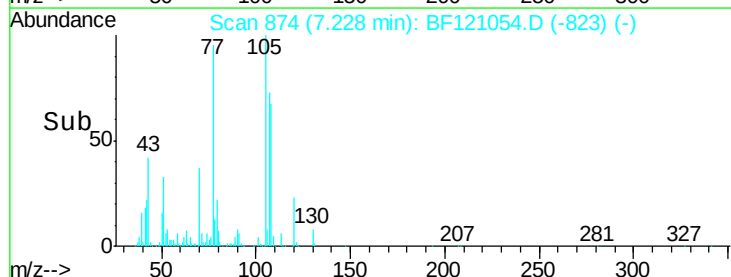


Abundance Ion 105.00 (104.70 to 105.70): E

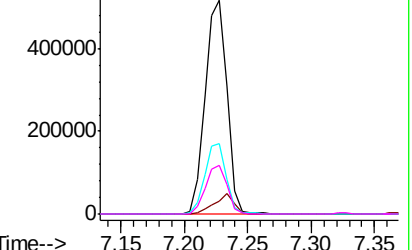
Ion 71.00 (70.70 to 71.70): BF1

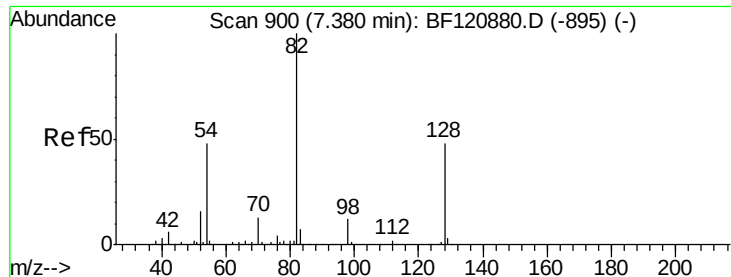
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

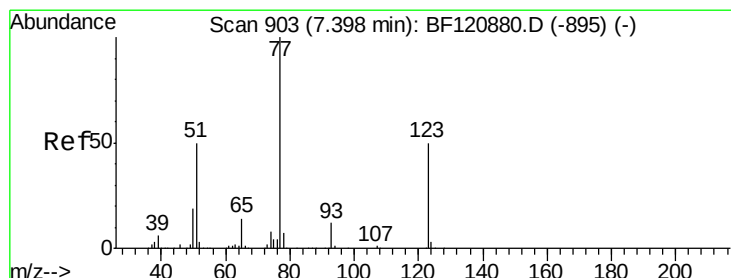
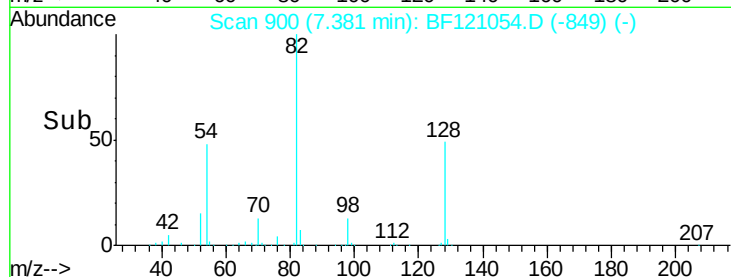
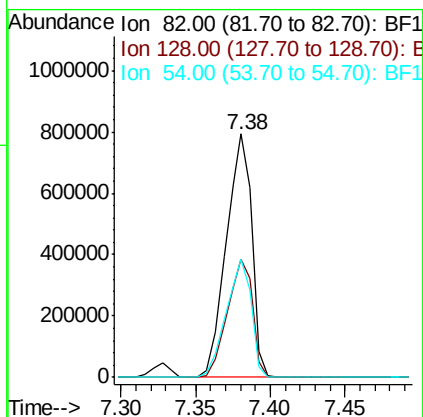
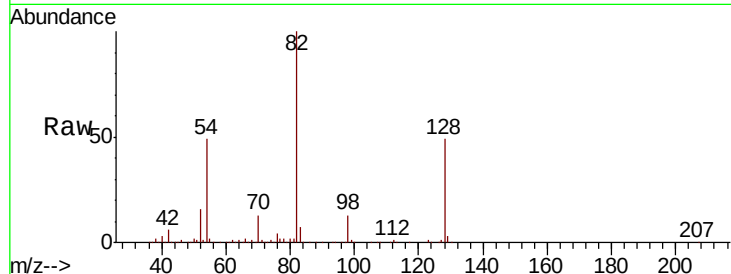




#23
 Nitrobenzene-d5
 Concen: 85.550 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF121054.D
 Acq: 28 Jul 2020 2:22

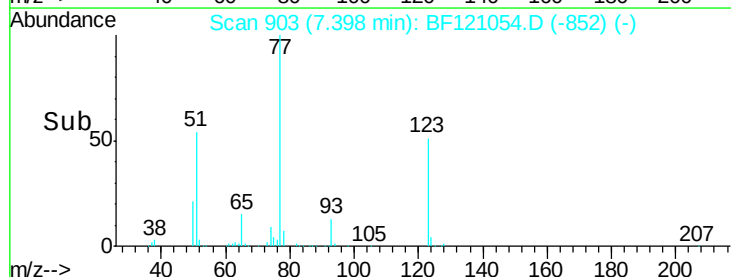
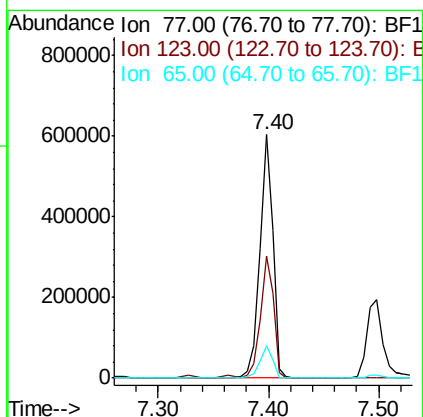
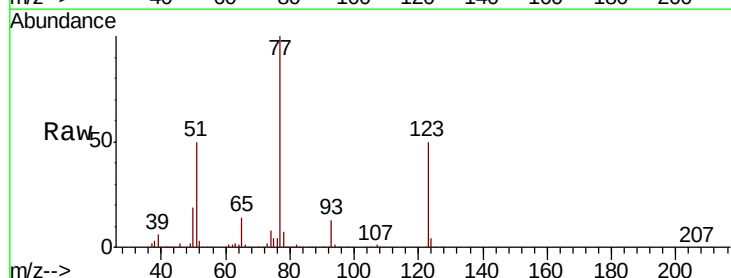
Instrument :
 BNA_F
 ClientSampleId :
 CTR-007MS

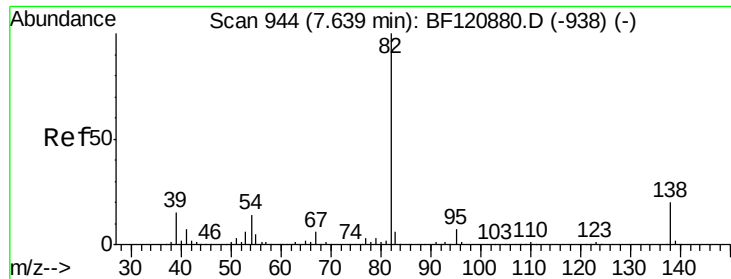
Tot Ion	82	Resp	954606
Ion Ratio	100	Lower	Upper
128	48.6	38.2	57.4
54	48.6	38.7	58.1



#24
 Nitrobenzene
 Concen: 41.876 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF121054.D
 Acq: 28 Jul 2020 2:22

Tgt Ion	77	Resp	503623
Ion Ratio	100	Lower	Upper
123	50.3	40.1	60.1
65	13.5	10.8	16.2





#25

Isophorone

Concen: 43.515 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

Instrument :

BNA_F

ClientSampleId :

CTR-007MS

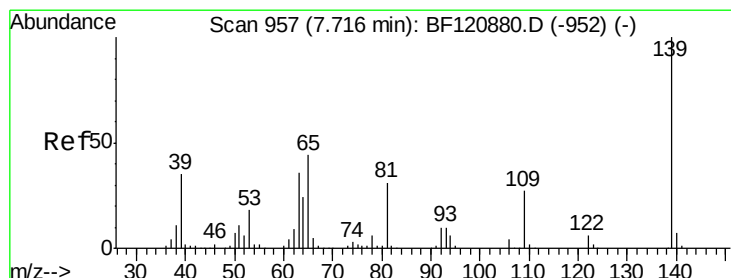
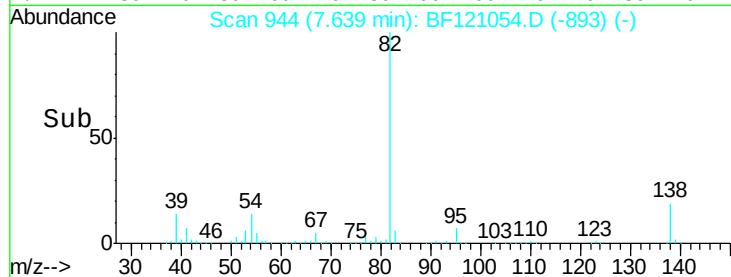
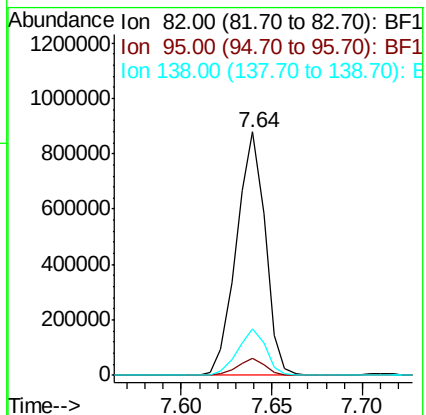
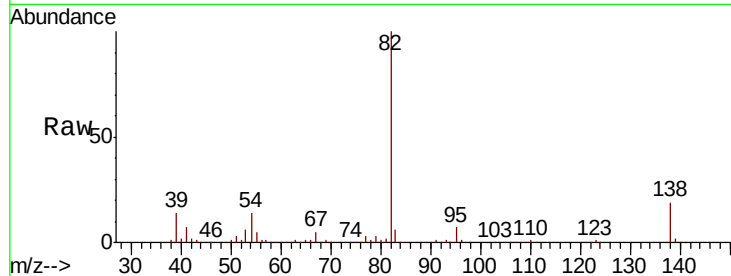
Tot Ion: 82 Resp: 969064

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 19.3 15.6 23.4



#26

2-Nitrophenol

Concen: 46.353 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

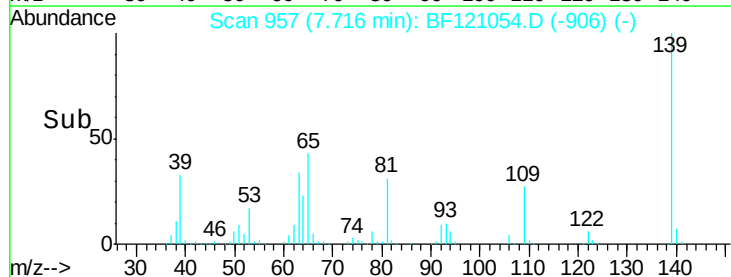
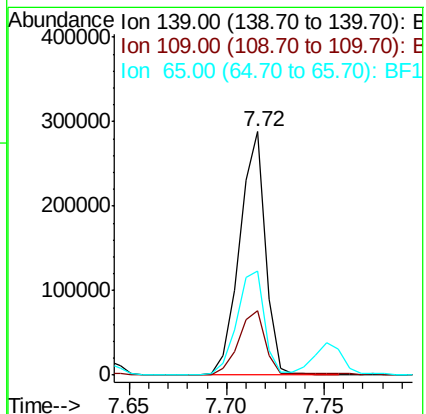
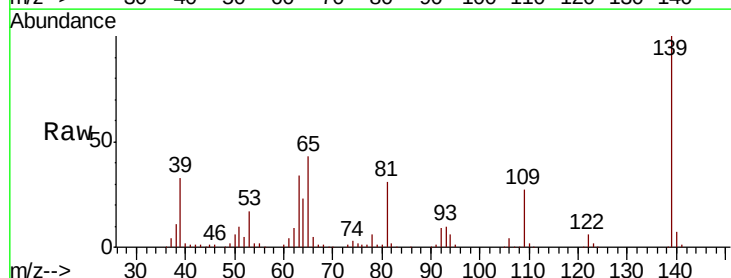
Tgt Ion: 139 Resp: 264760

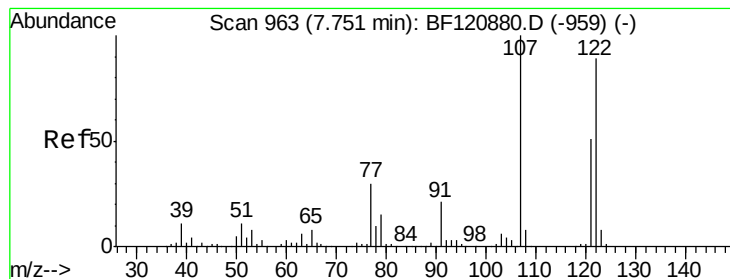
Ion Ratio Lower Upper

139 100

109 26.6 21.6 32.4

65 42.8 35.3 52.9





#27

2,4-Dimethylphenol

Concen: 47.471 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

Instrument :

BNA_F

ClientSampleId :

CTR-007MS

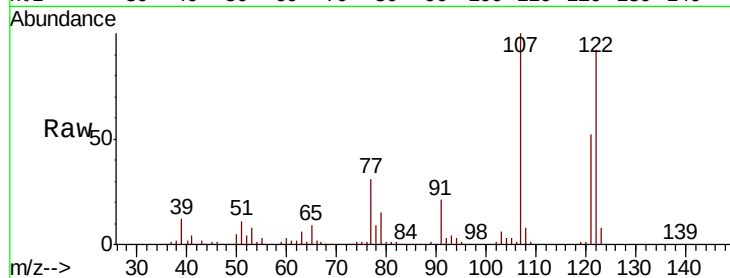
Tot Ion:122 Resp: 440237

Ion Ratio Lower Upper

122 100

107 109.2 89.4 134.0

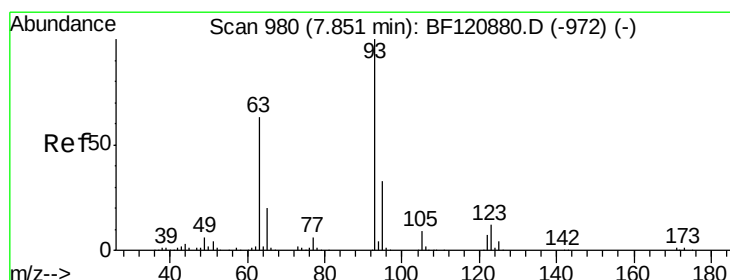
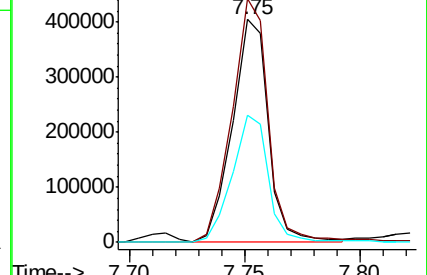
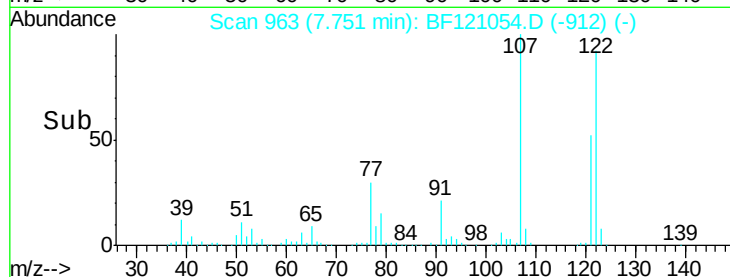
121 56.8 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.987 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

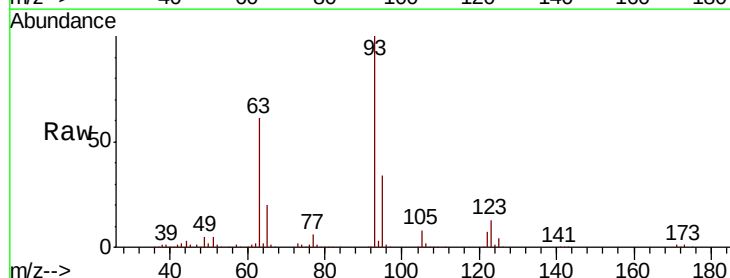
Tgt Ion: 93 Resp: 611553

Ion Ratio Lower Upper

93 100

95 33.7 26.6 39.8

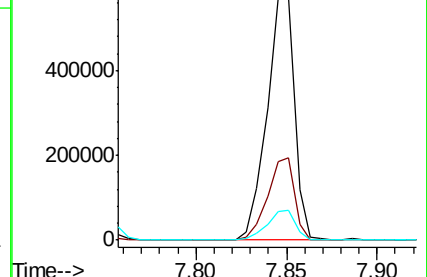
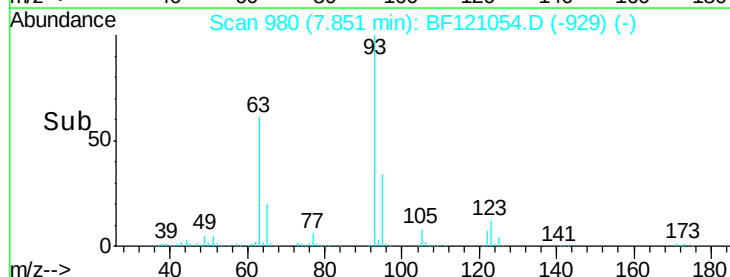
123 12.5 10.0 15.0

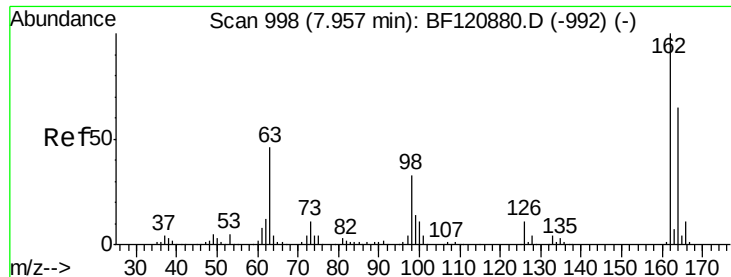


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

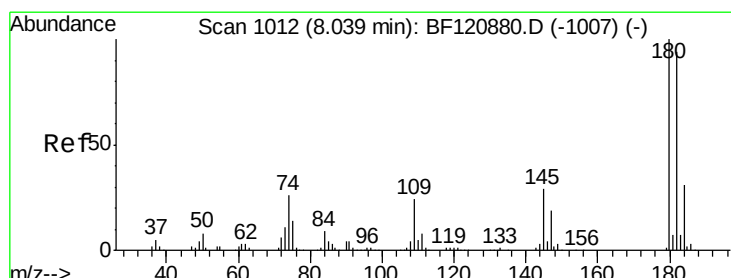
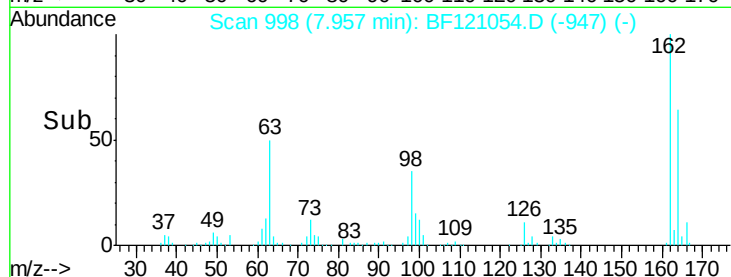
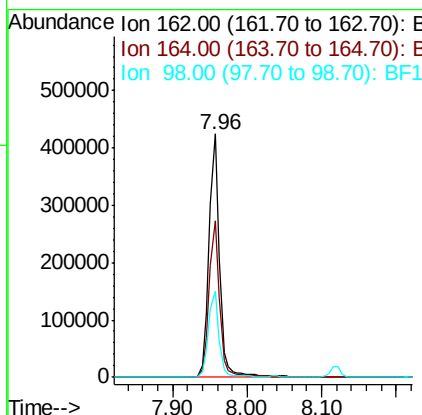
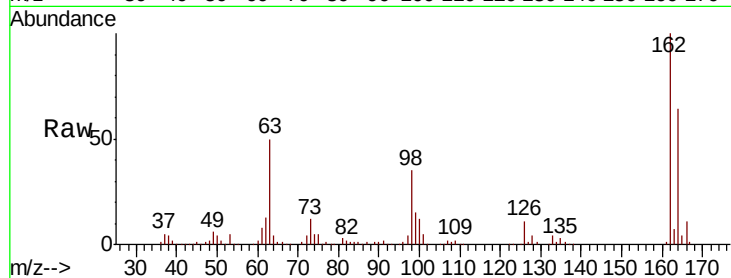




#29
 2,4-Dichlorophenol
 Concen: 44.898 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF121054.D
 Acq: 28 Jul 2020 2:22

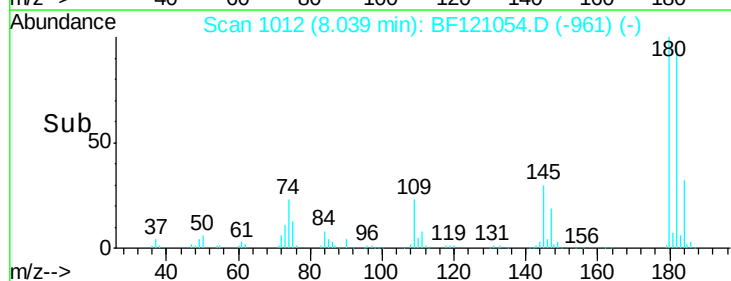
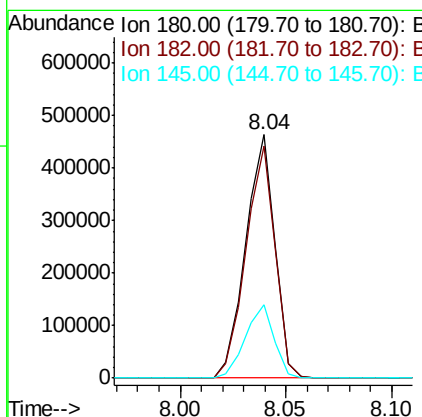
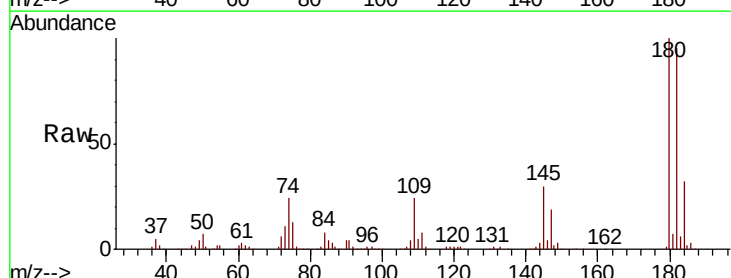
Instrument :
 BNA_F
 ClientSampled :
 CTR-007MS

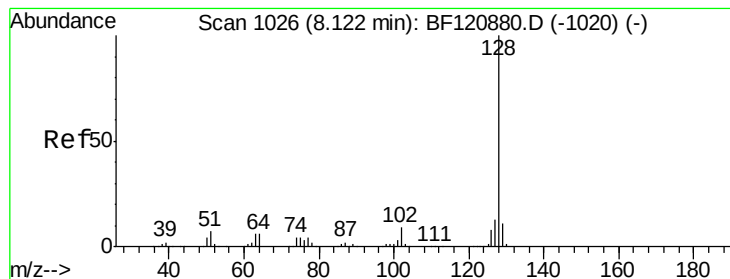
Tot Ion:162 Resp: 425470
 Ion Ratio Lower Upper
 162 100
 164 64.3 45.3 85.3
 98 35.4 13.3 53.3



#30
 1,2,4-Trichlorobenzene
 Concen: 42.265 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF121054.D
 Acq: 28 Jul 2020 2:22

Tgt Ion:180 Resp: 444360
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.0 112.6
 145 30.1 23.5 35.3





#31

Naphthalene

Concen: 42.060 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

Instrument :

BNA_F

ClientSampleId :

CTR-007MS

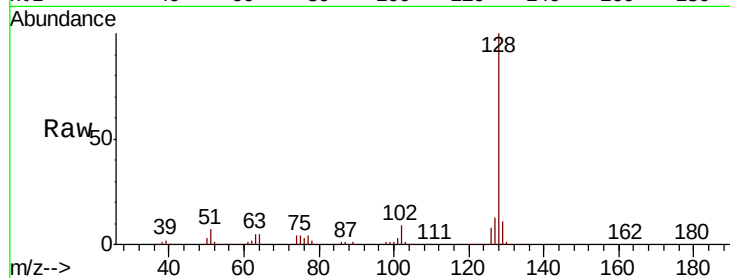
Tot Ion:128 Resp: 1393014

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

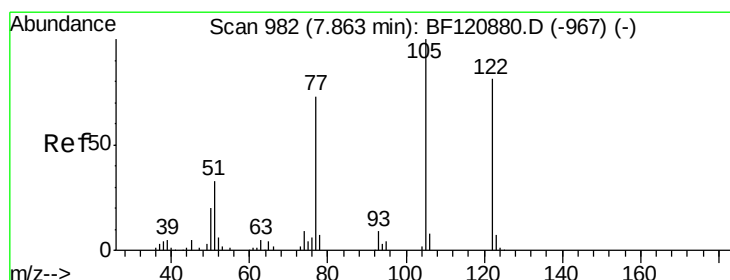
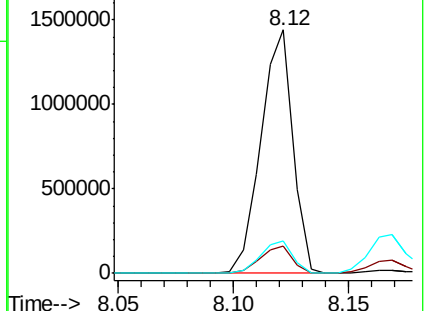
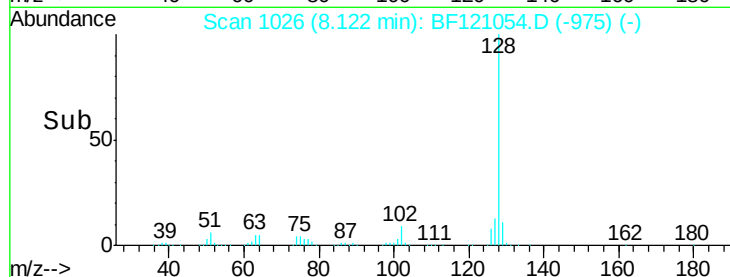
127 13.5 10.7 16.1



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: 16.266 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

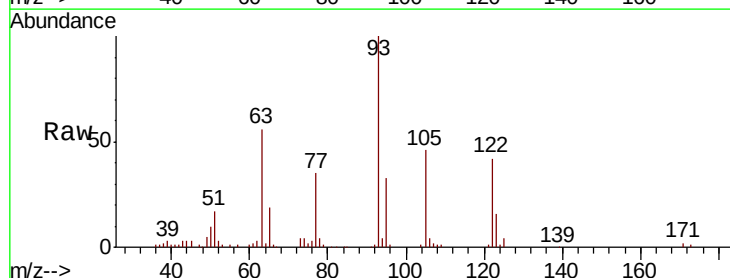
Tgt Ion:122 Resp: 113236

Ion Ratio Lower Upper

122 100

105 110.0 101.3 141.3

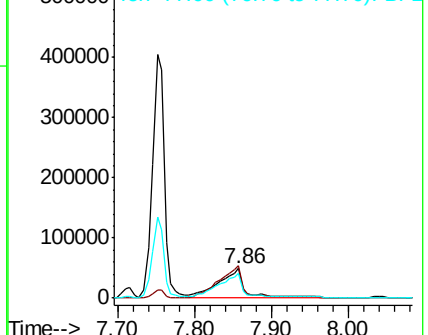
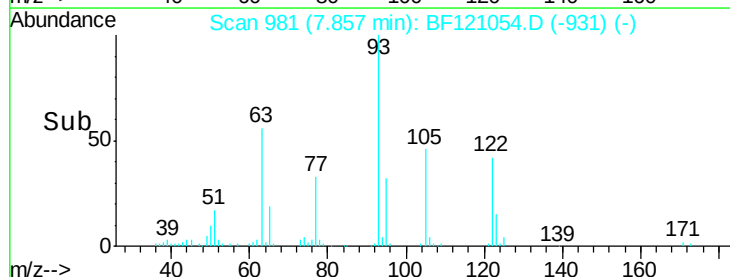
77 83.3 69.1 109.1

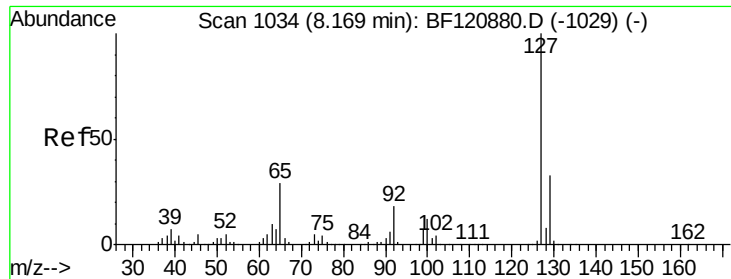


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

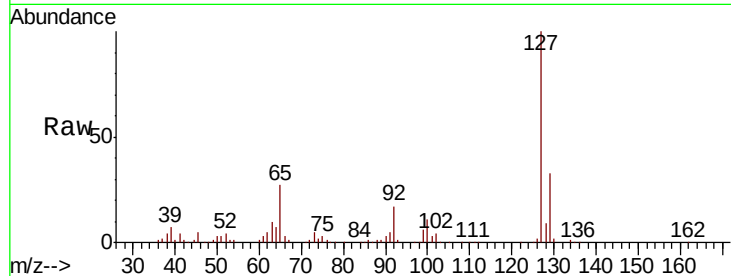




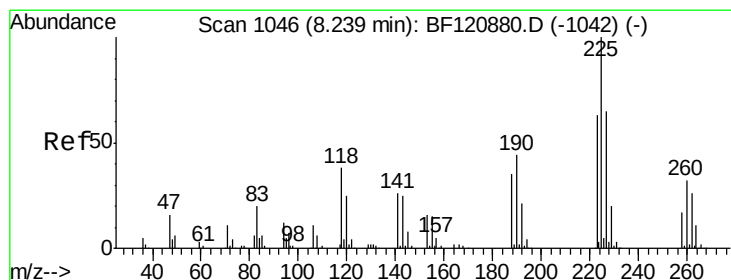
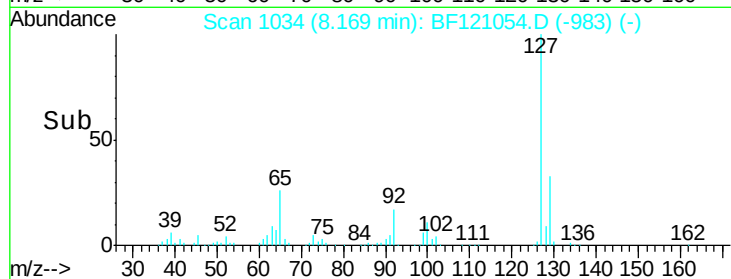
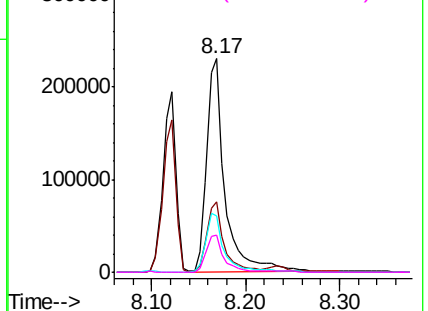
#33
4-Chloroaniline
Concen: 21.329 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF121054.D
Acq: 28 Jul 2020 2:22

Instrument :
BNA_F
ClientSampleId :
CTR-007MS

Tot Ion:	127	Resp:	315122
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.5	39.7
65	26.5	23.0	34.4
92	17.2	14.5	21.7

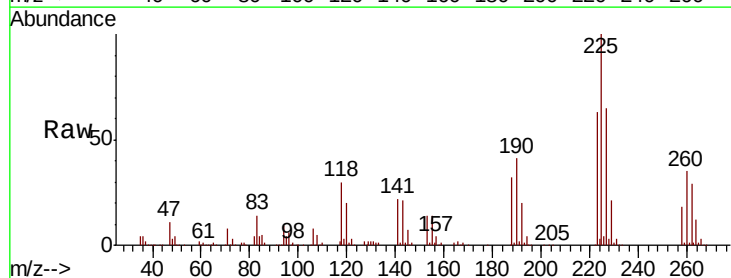


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

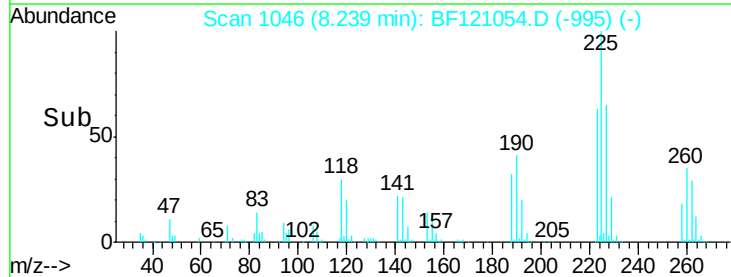
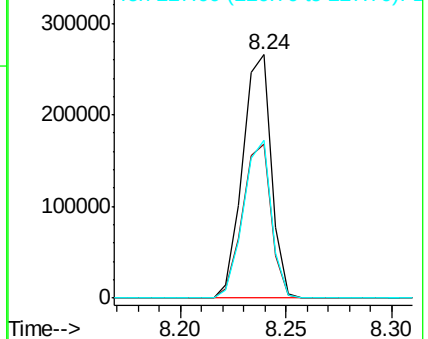


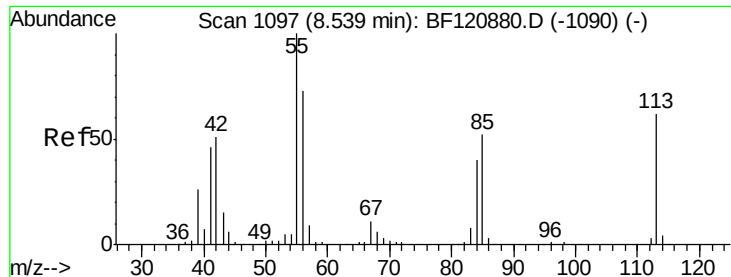
#34
Hexachlorobutadiene
Concen: 40.509 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF121054.D
Acq: 28 Jul 2020 2:22

Tgt Ion:	225	Resp:	251073
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	64.9	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

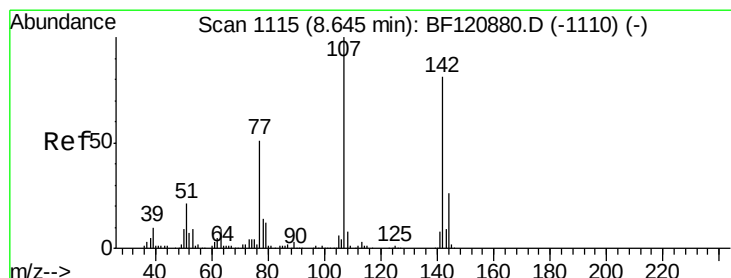
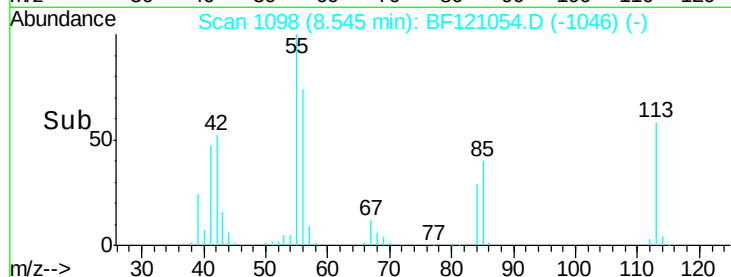
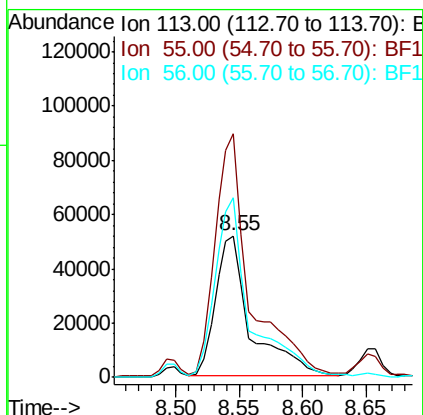
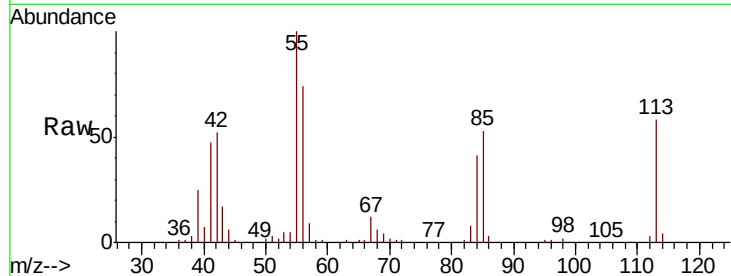




#35
 Caprolactam
 Concen: 32.829 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BF121054.D
 Acq: 28 Jul 2020 2:22

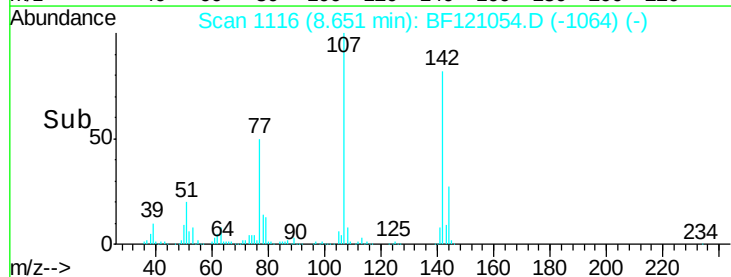
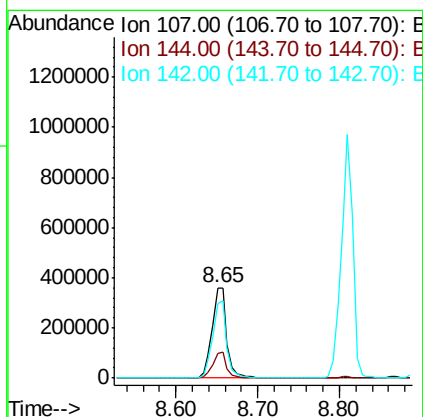
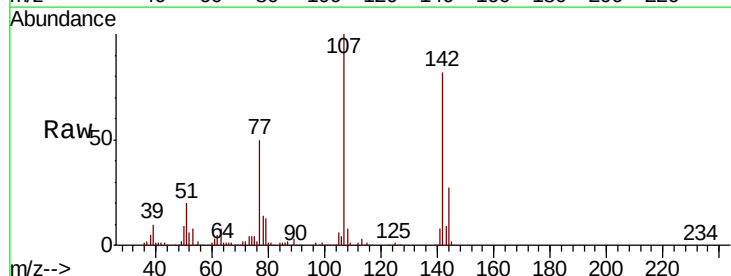
Instrument :
 BNA_F
 ClientSampleId :
 CTR-007MS

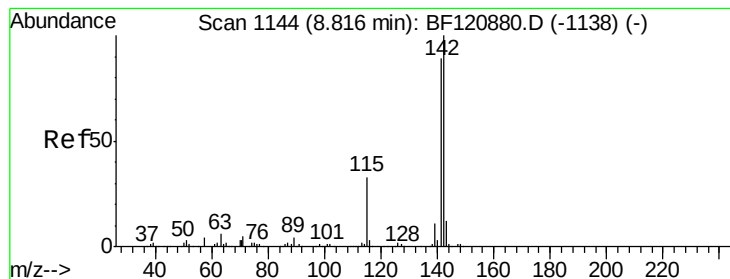
Tot Ion:113 Resp: 99766
 Ion Ratio Lower Upper
 113 100
 55 172.4 143.3 183.3
 56 127.0 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 46.399 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF121054.D
 Acq: 28 Jul 2020 2:22

Tgt Ion:107 Resp: 450953
 Ion Ratio Lower Upper
 107 100
 144 26.8 21.0 31.6
 142 82.3 65.0 97.6





#37

2-Methylnaphthalene

Concen: 45.086 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

Instrument :

BNA_F

ClientSampleId :

CTR-007MS

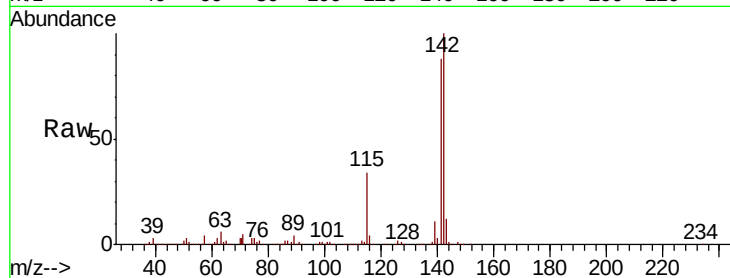
Tot Ion:142 Resp: 969544

Ion Ratio Lower Upper

142 100

141 88.4 71.0 106.4

115 33.7 26.0 39.0



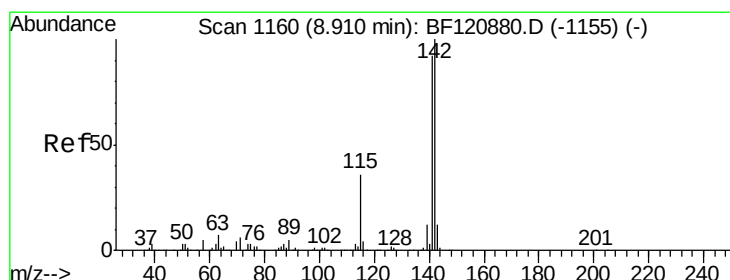
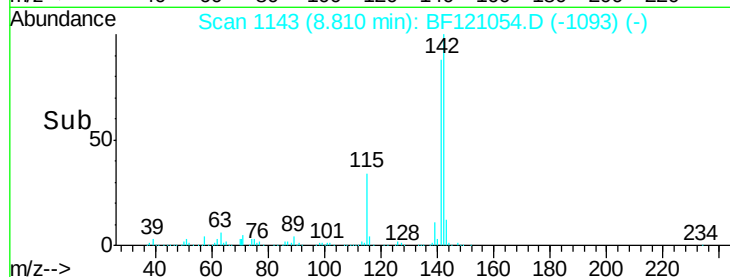
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.81

Time-->



#38

1-Methylnaphthalene

Concen: 44.825 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

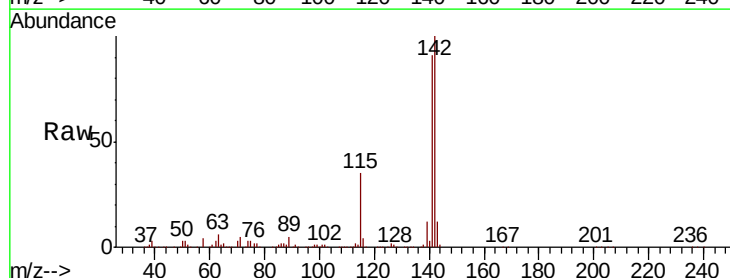
Tgt Ion:142 Resp: 912955

Ion Ratio Lower Upper

142 100

141 91.0 73.7 110.5

116 3.7 3.0 4.6



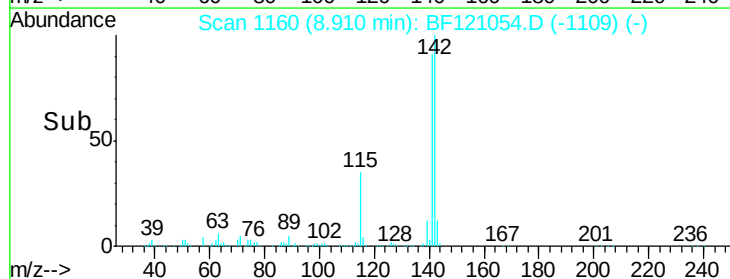
Abundance Ion 142.00 (141.70 to 142.70): E

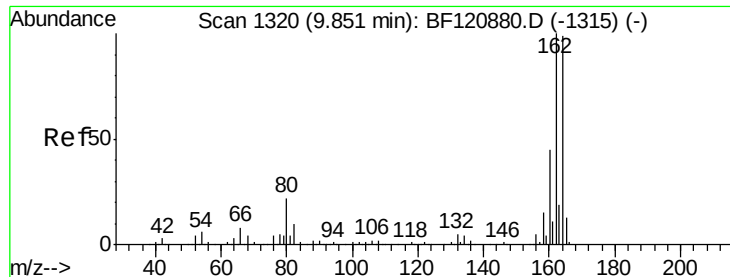
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.91

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

Instrument :

BNA_F

ClientSampleId :

CTR-007MS

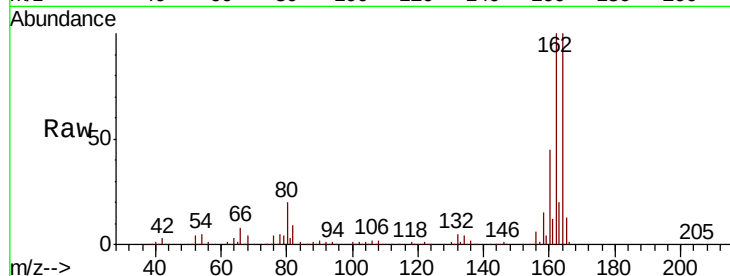
Tot Ion:164 Resp: 345122

Ion Ratio Lower Upper

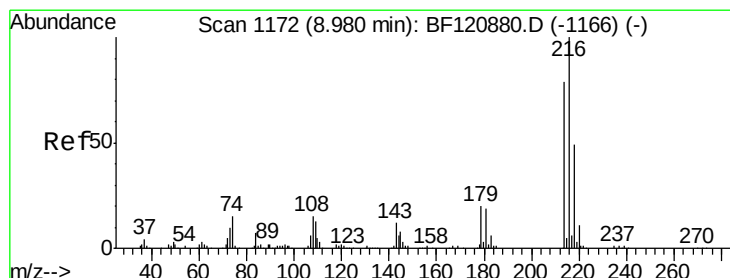
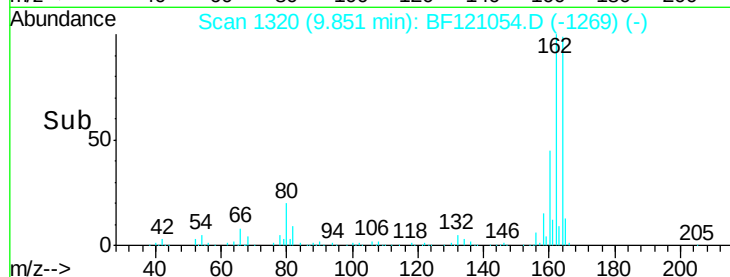
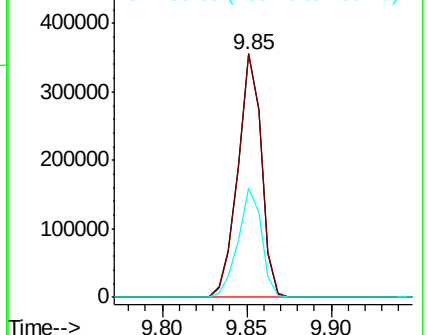
164 100

162 100.0 81.2 121.8

160 44.8 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: 43.503 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

Tgt Ion:216 Resp: 437442

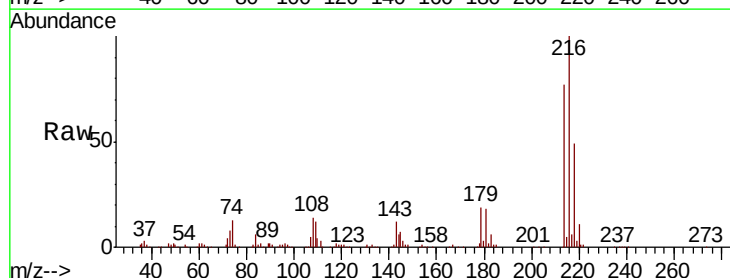
Ion Ratio Lower Upper

216 100

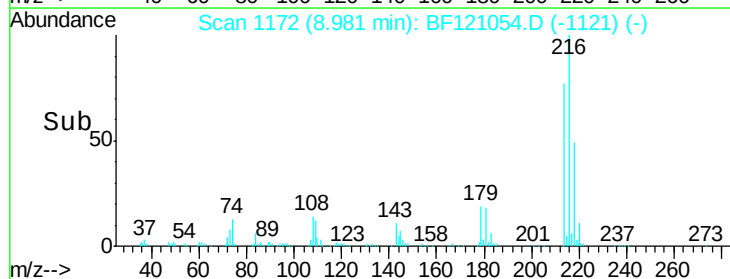
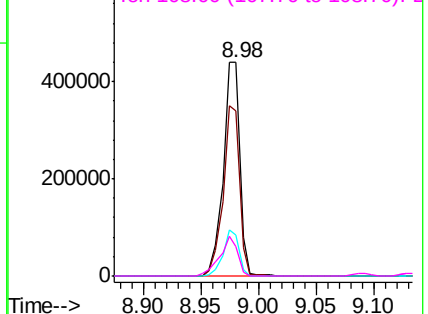
214 78.6 63.8 95.8

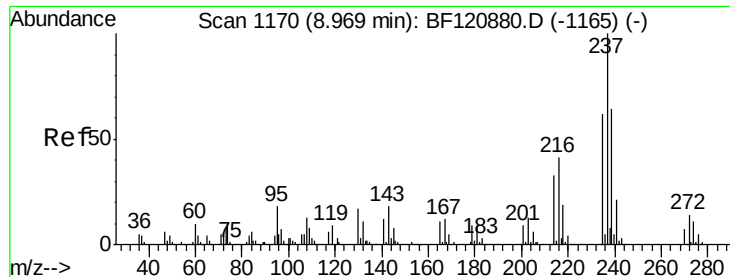
179 20.4 16.6 24.8

108 20.1 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: 75.936 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

Instrument :

BNA_F

ClientSampleId :

CTR-007MS

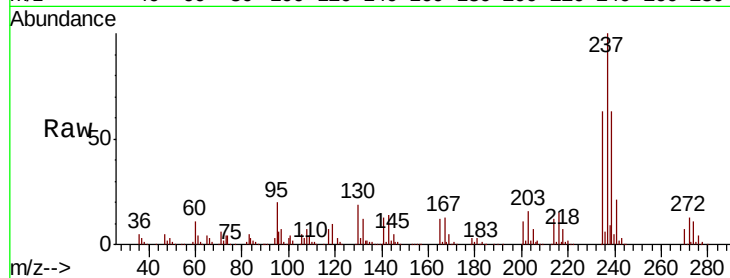
Tot Ion:237 Resp: 422009

Ion Ratio Lower Upper

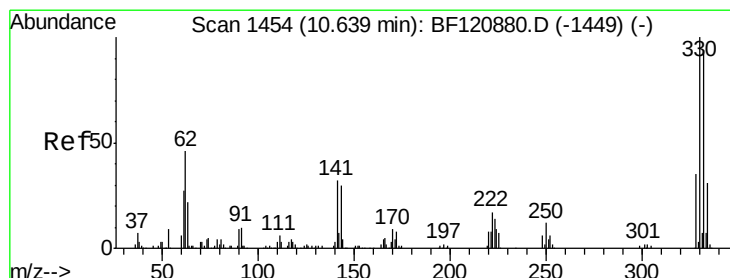
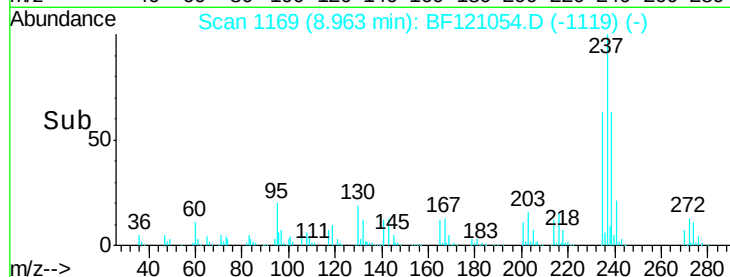
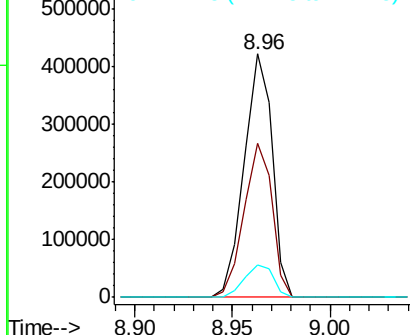
237 100

235 63.4 41.6 81.6

272 13.5 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: 128.015 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

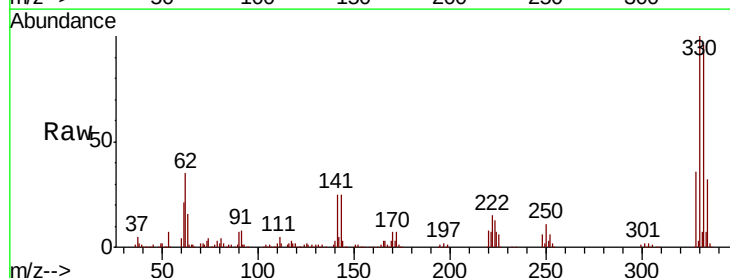
Tgt Ion:330 Resp: 483602

Ion Ratio Lower Upper

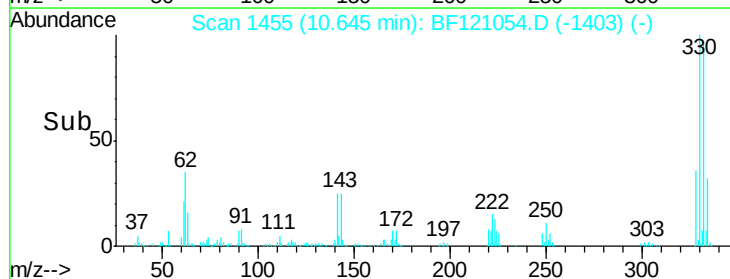
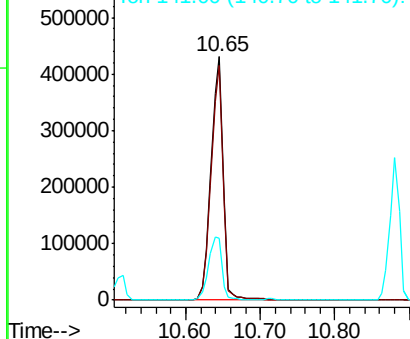
330 100

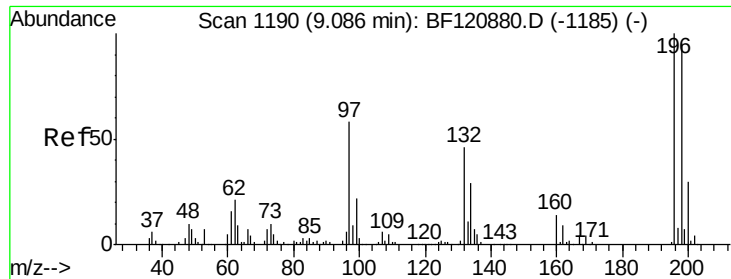
332 95.8 75.5 113.3

141 29.2 25.7 38.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

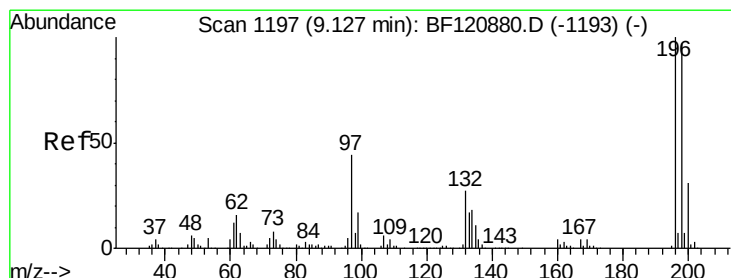
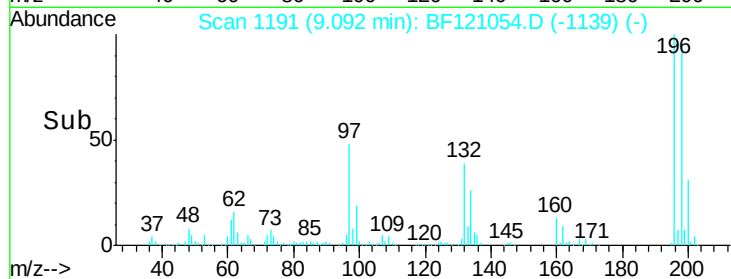
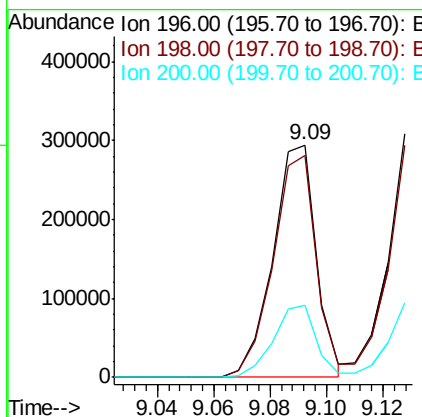
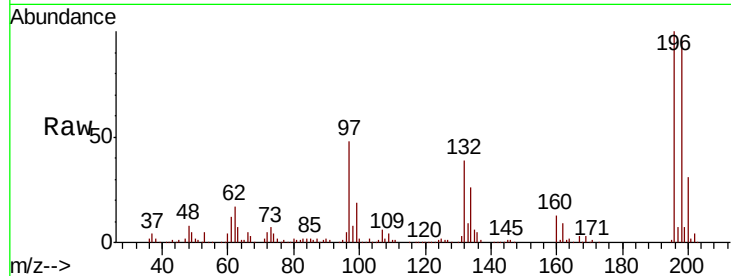




#43
 2,4,6-Trichlorophenol
 Concen: 44.243 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF121054.D
 Acq: 28 Jul 2020 2:22

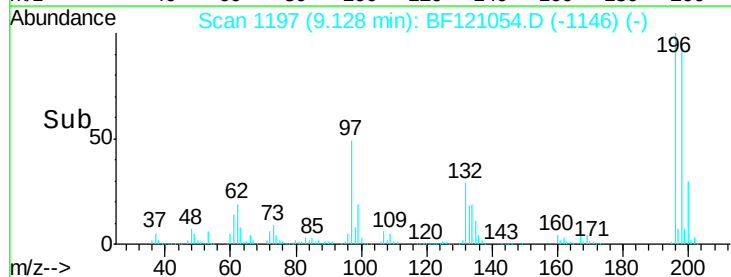
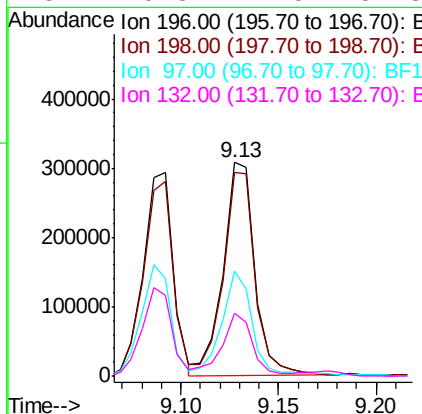
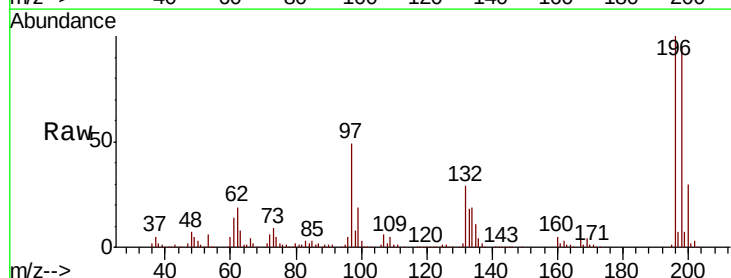
Instrument :
 BNA_F
 ClientSampled :
 CTR-007MS

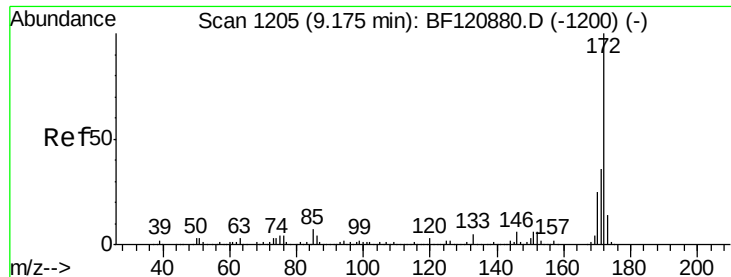
Tot Ion:196 Resp: 313239
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.7 113.5
 200 31.0 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 42.936 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF121054.D
 Acq: 28 Jul 2020 2:22

Tgt Ion:196 Resp: 344814
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.6 116.4
 97 49.3 35.6 53.4
 132 29.3 21.5 32.3

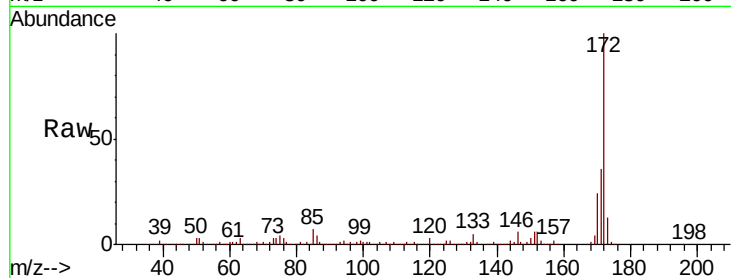




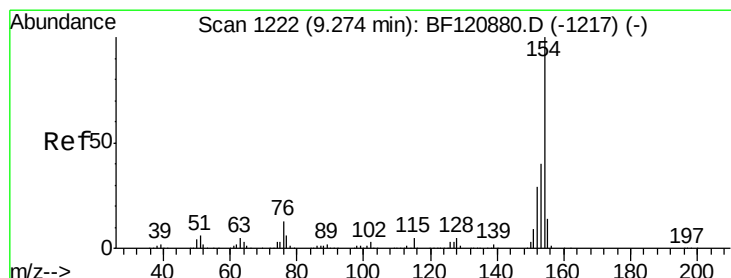
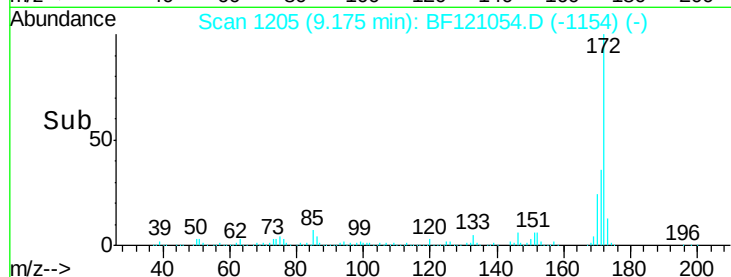
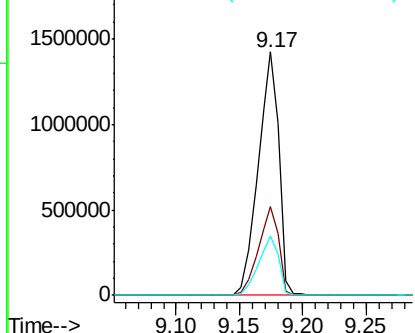
#45
2-Fluorobiphenyl
Concen: 70.350 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121054.D
Acq: 28 Jul 2020 2:22

Instrument :
BNA_F
ClientSampleId :
CTR-007MS

Tot Ion:172 Resp: 1626173
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.4
170 24.5 19.6 29.4

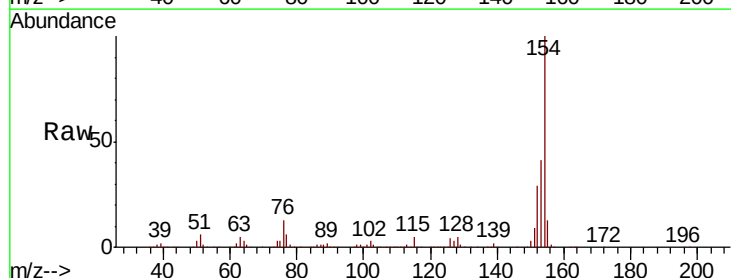


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

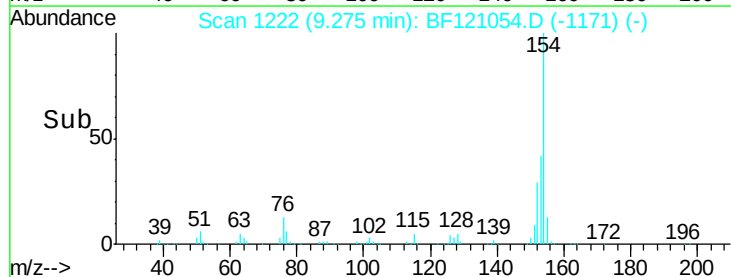
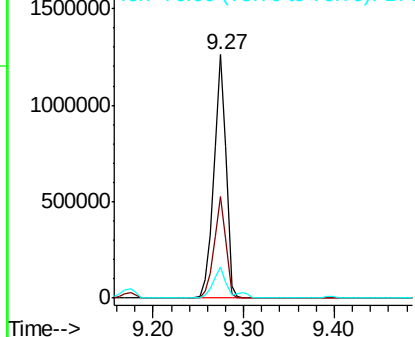


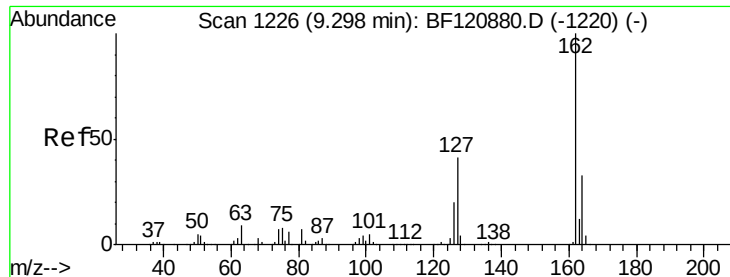
#46
1,1'-Biphenyl
Concen: 45.022 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF121054.D
Acq: 28 Jul 2020 2:22

Tgt Ion:154 Resp: 1185238
Ion Ratio Lower Upper
154 100
153 41.4 20.4 60.4
76 12.7 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

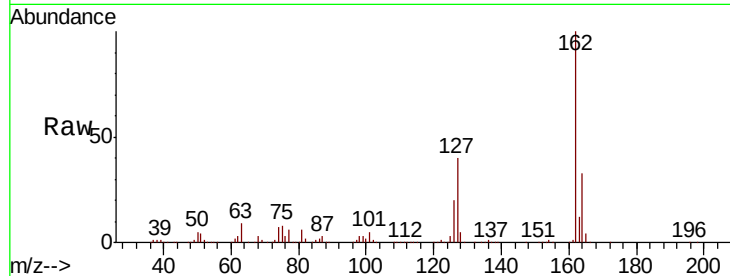




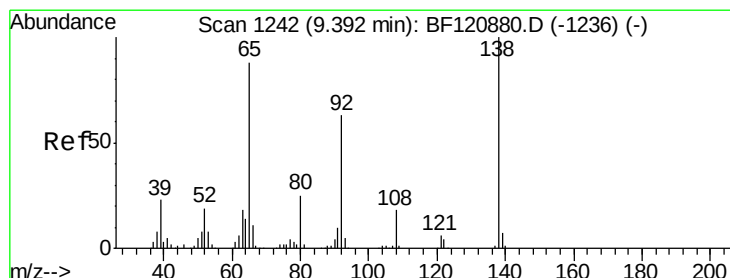
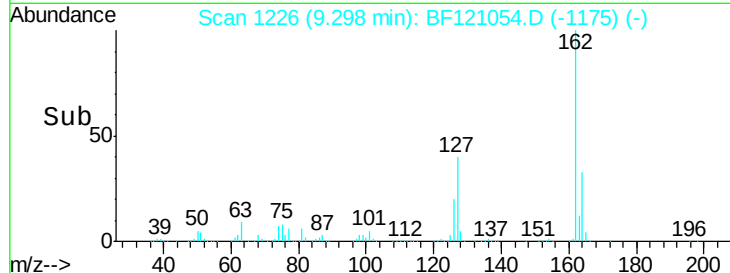
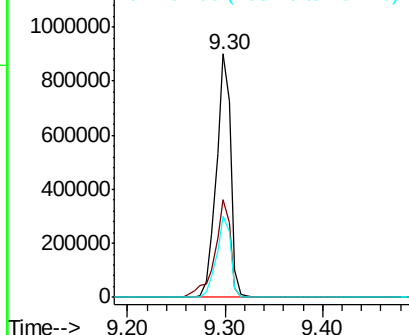
#47
 2-Chloronaphthalene
 Concen: 42.599 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF121054.D
 Acq: 28 Jul 2020 2:22

Instrument :
 BNA_F
 ClientSampleId :
 CTR-007MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.2	33.3	49.9
164	33.1	26.6	39.8

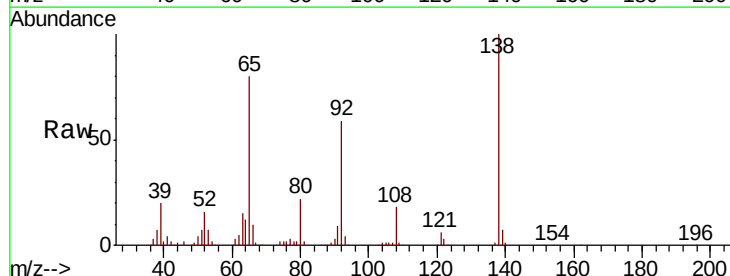


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

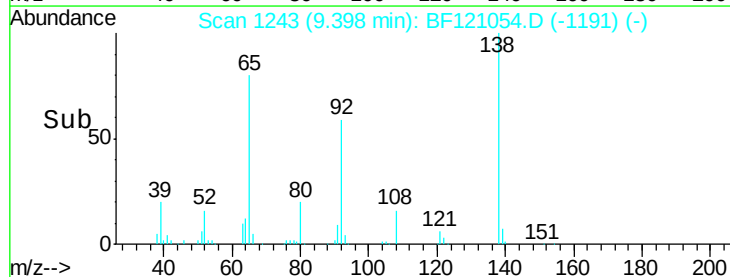
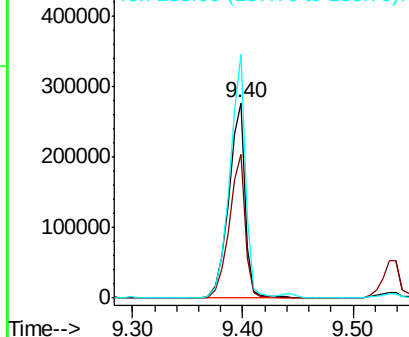


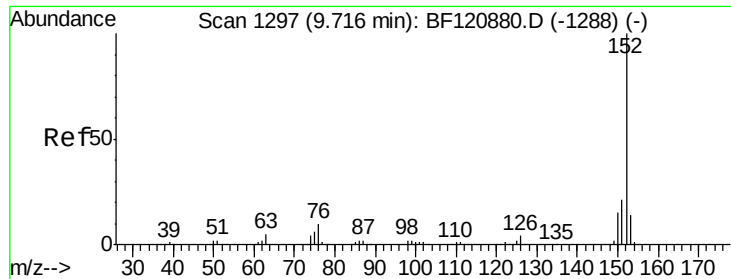
#48
 2-Nitroaniline
 Concen: 44.861 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF121054.D
 Acq: 28 Jul 2020 2:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.3	57.0	85.4
138	124.6	90.4	135.6



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





#49

Acenaphthylene

Concen: 44.313 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

Instrument :

BNA_F

ClientSampleId :

CTR-007MS

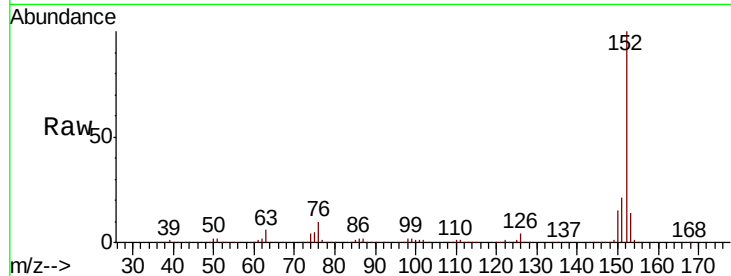
Tot Ion:152 Resp: 1477588

Ion Ratio Lower Upper

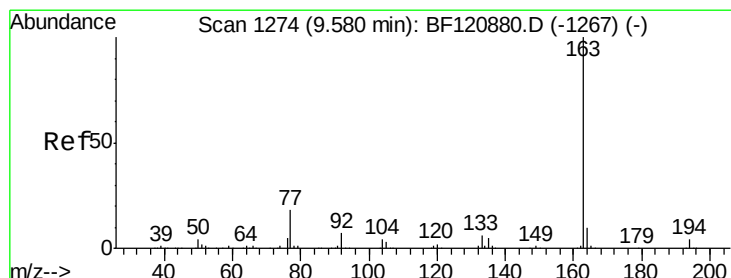
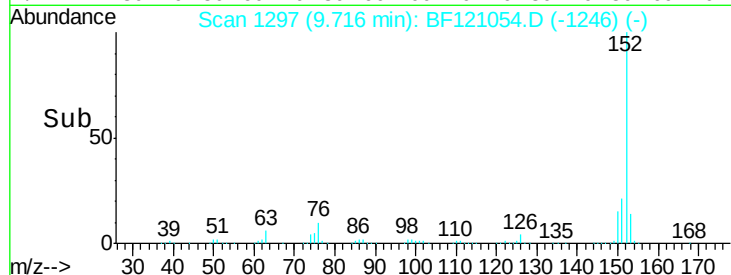
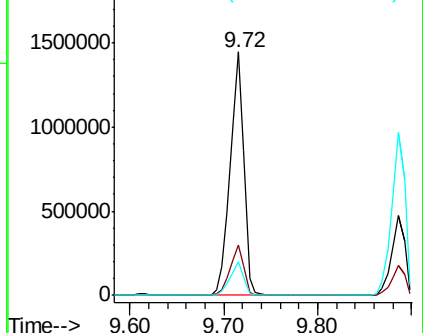
152 100

151 20.7 16.6 25.0

153 13.7 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: 45.206 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

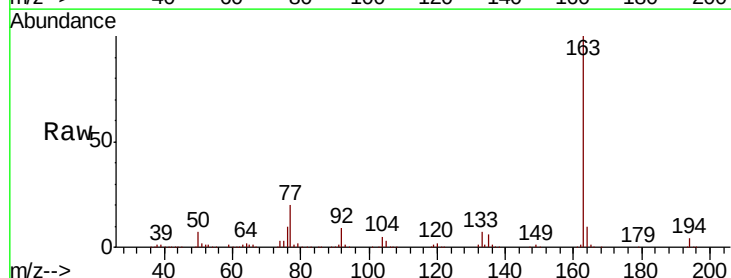
Tgt Ion:163 Resp: 1125550

Ion Ratio Lower Upper

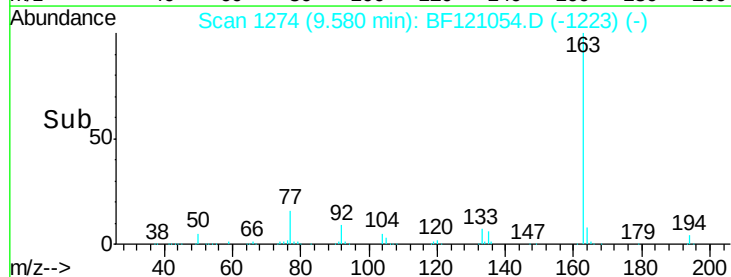
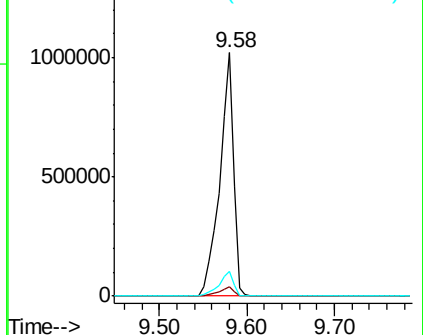
163 100

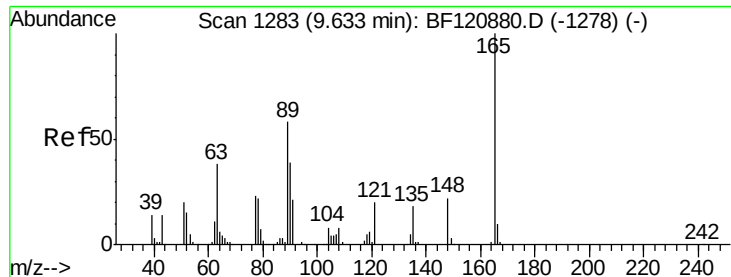
194 4.0 3.2 4.8

164 10.3 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: 47.124 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

Instrument :

BNA_F

ClientSampleId :

CTR-007MS

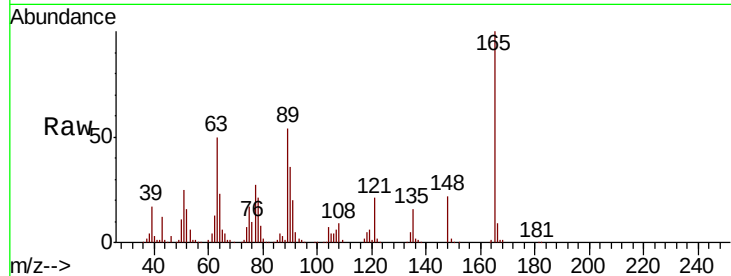
Tot Ion:165 Resp: 252075

Ion Ratio Lower Upper

165 100

63 50.2 45.4 68.2

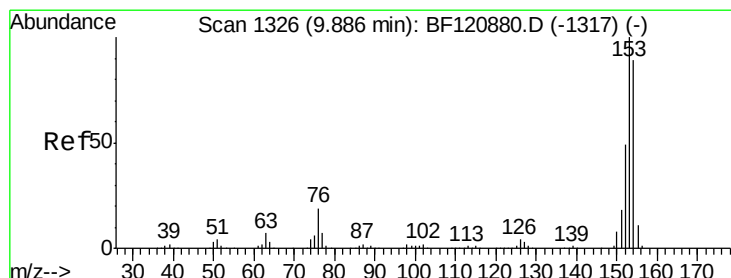
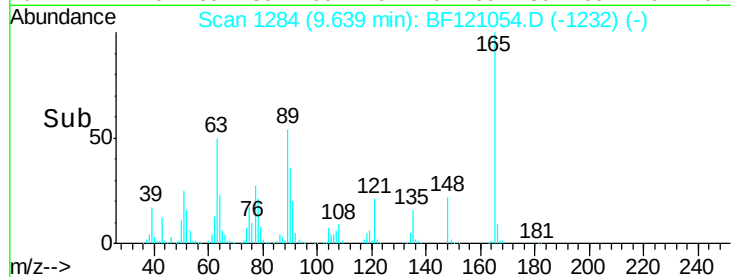
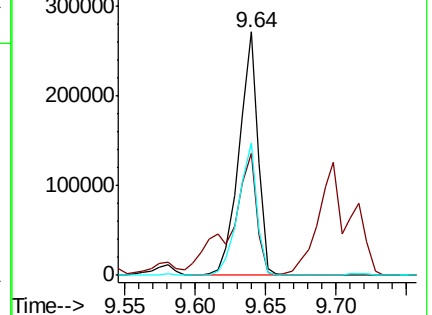
89 54.1 47.0 70.4



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: 43.490 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

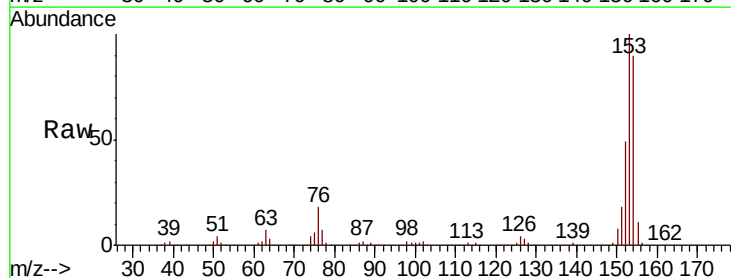
Tgt Ion:154 Resp: 921948

Ion Ratio Lower Upper

154 100

153 111.5 89.5 134.3

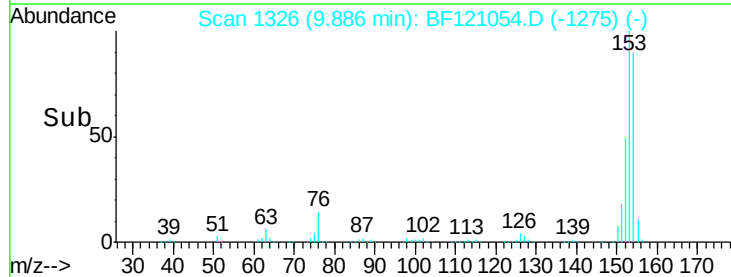
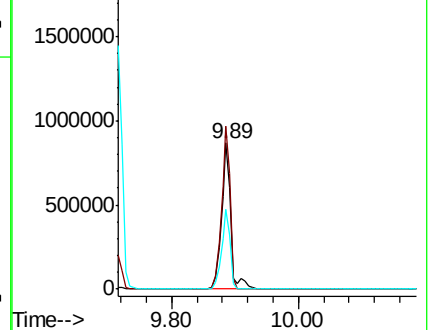
152 54.9 44.2 66.2

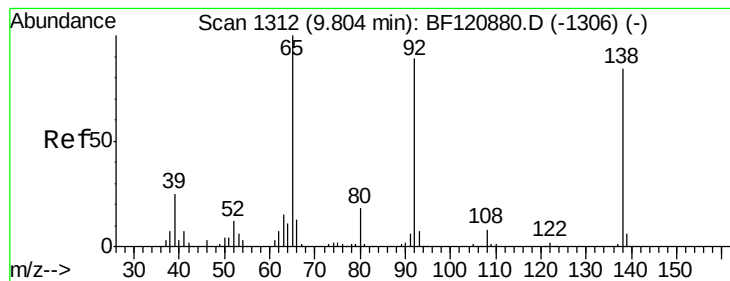


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 28.719 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

Instrument :

BNA_F

ClientSampleId :

CTR-007MS

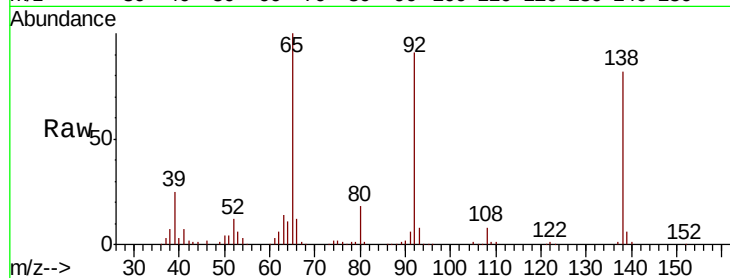
Tot Ion:138 Resp: 192674

Ion Ratio Lower Upper

138 100

108 9.7 7.9 11.9

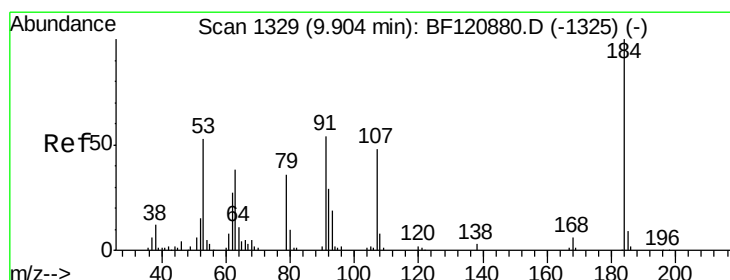
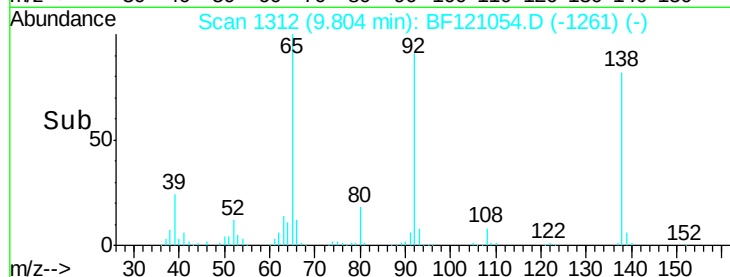
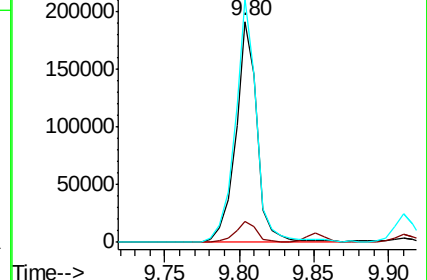
92 110.3 85.3 127.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 36.365 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

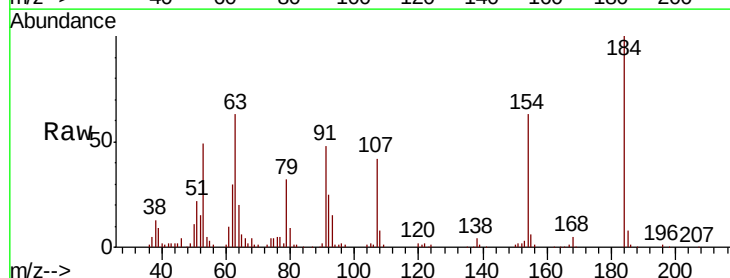
Tgt Ion:184 Resp: 99421

Ion Ratio Lower Upper

184 100

63 63.0 57.9 86.9

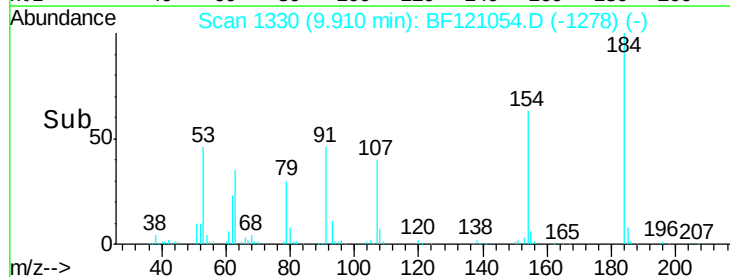
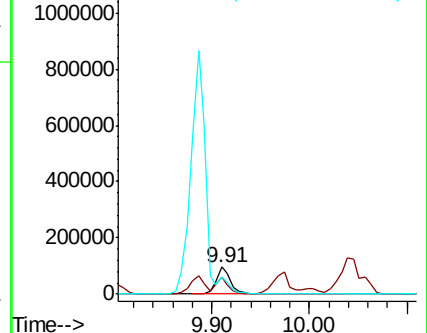
154 63.5 52.6 78.8

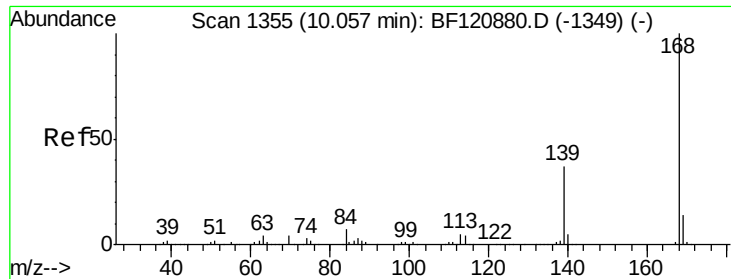


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

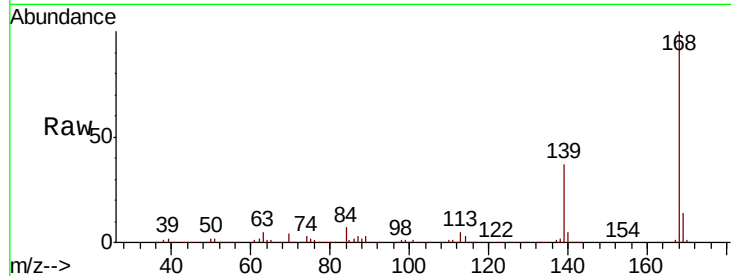




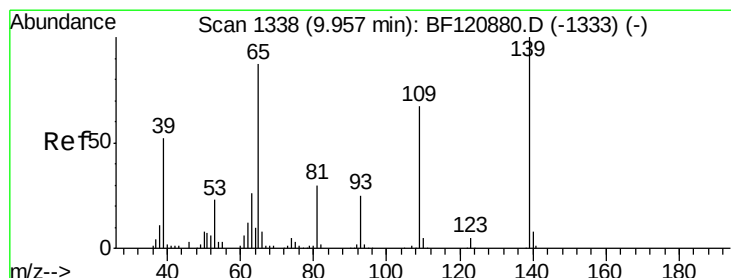
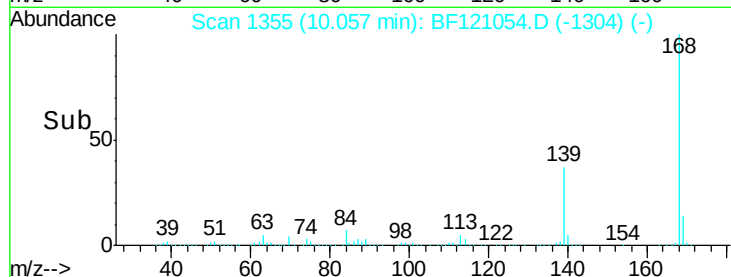
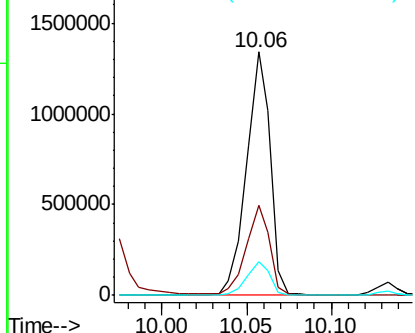
#55
Dibenzenofuran
Concen: 43.123 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF121054.D
Acq: 28 Jul 2020 2:22

Instrument :
BNA_F
ClientSampleId :
CTR-007MS

Tot Ion:168 Resp: 1322002
Ion Ratio Lower Upper
168 100
139 36.8 29.7 44.5
169 13.8 11.1 16.7

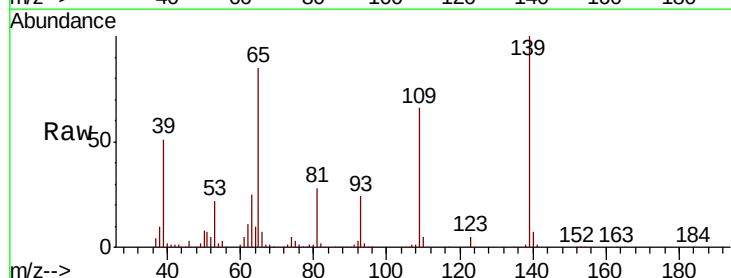


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

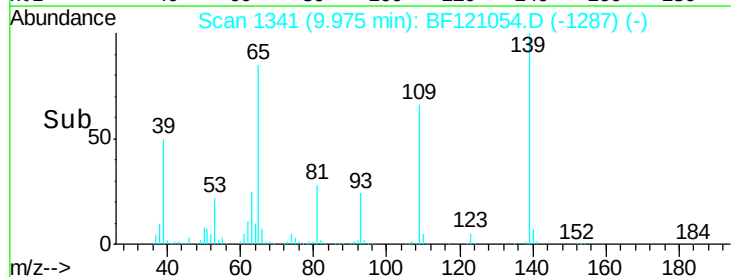
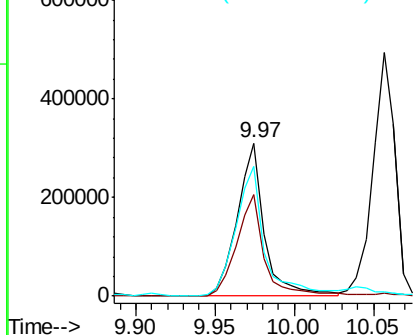


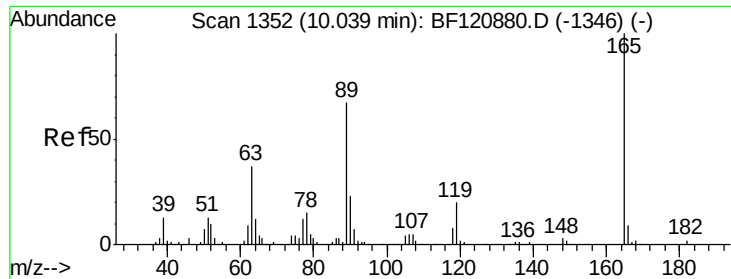
#56
4-Nitrophenol
Concen: 72.492 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF121054.D
Acq: 28 Jul 2020 2:22

Tgt Ion:139 Resp: 369437
Ion Ratio Lower Upper
139 100
109 66.1 47.3 87.3
65 84.9 67.2 107.2



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

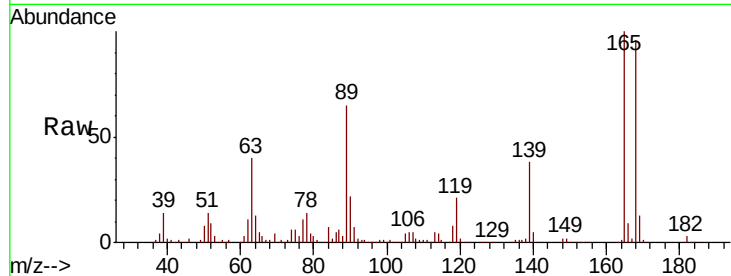




#57
2,4-Dinitrotoluene
Concen: 47.639 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF121054.D
Acq: 28 Jul 2020 2:22

Instrument :
BNA_F
ClientSampleId :
CTR-007MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.6	29.4	44.2
89	65.1	53.4	80.0
182	2.6	1.8	2.6

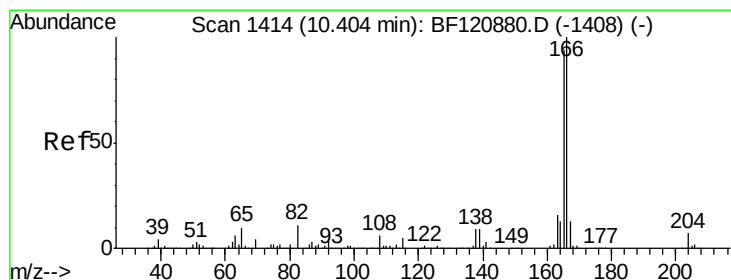
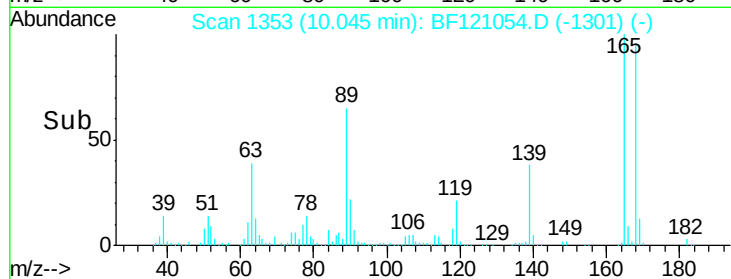
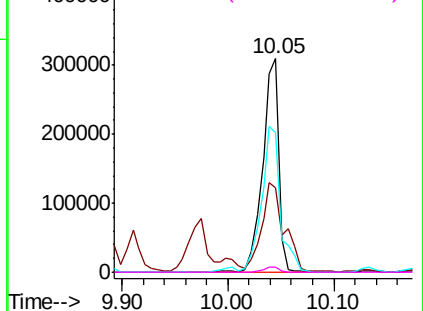


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

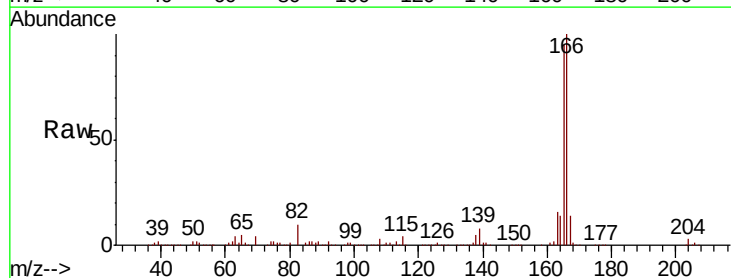
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.935 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF121054.D
Acq: 28 Jul 2020 2:22

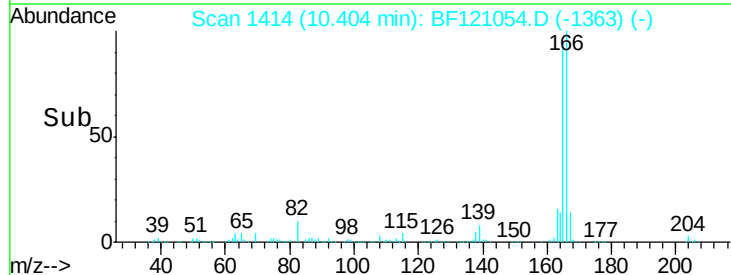
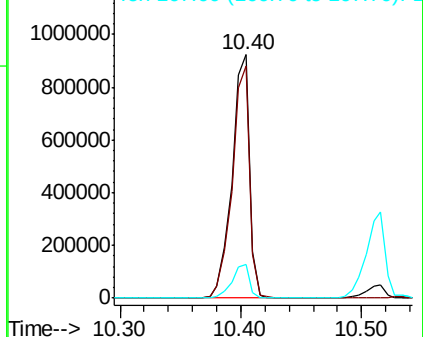
Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.2	75.4	113.0
167	13.6	10.6	15.8

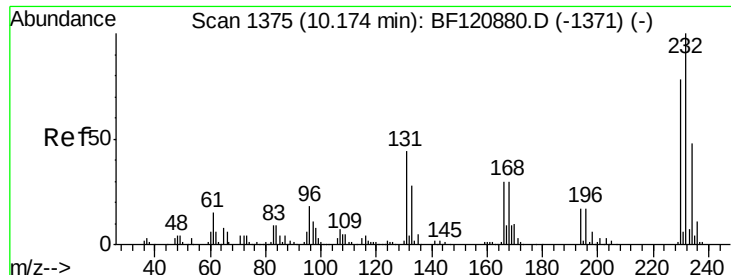


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

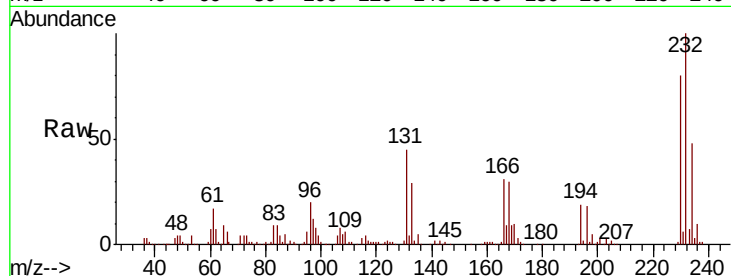




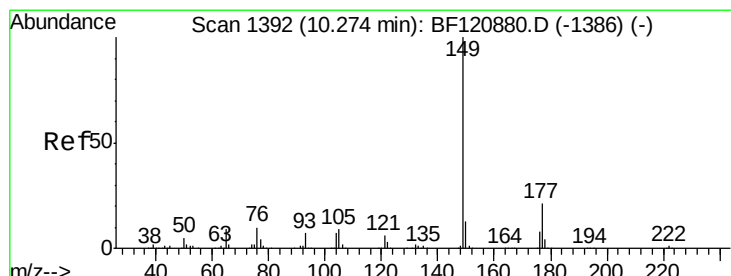
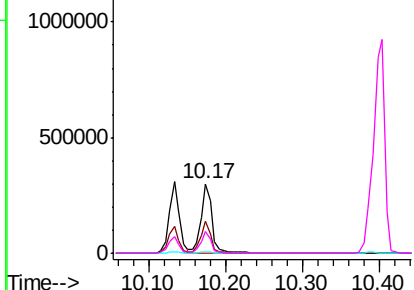
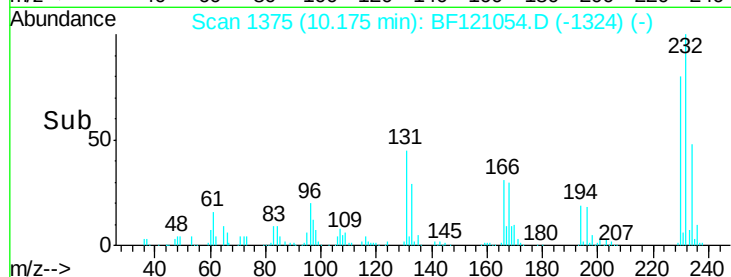
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.437 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF121054.D
 Acq: 28 Jul 2020 2:22

Instrument :
 BNA_F
 ClientSampleId :
 CTR-007MS

Tot Ion:	232	Resp:	302291
Ion	Ratio	Lower	Upper
232	100		
131	42.5	37.1	55.7
130	2.1	1.7	2.5
166	28.8	24.2	36.4

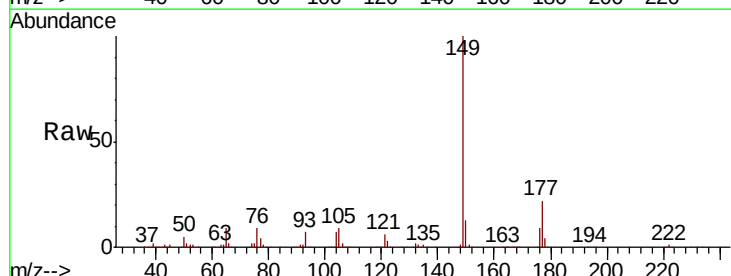


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

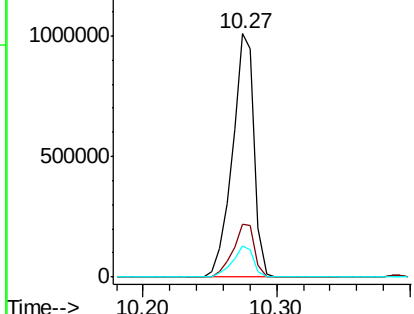
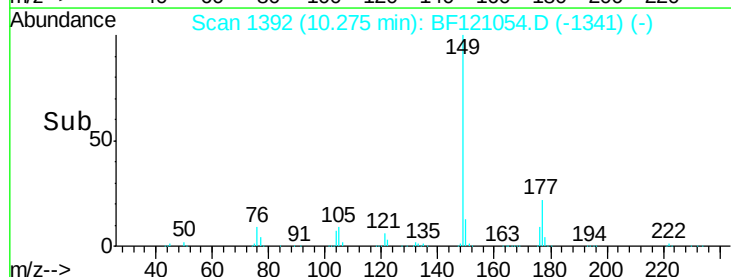


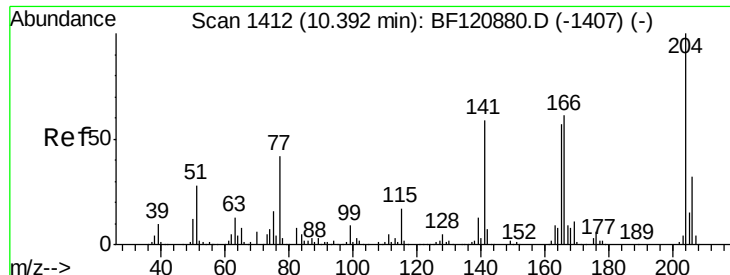
#60
 Diethylphthalate
 Concen: 45.240 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF121054.D
 Acq: 28 Jul 2020 2:22

Tgt Ion:	149	Resp:	1139320
Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.1	25.7
150	12.8	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

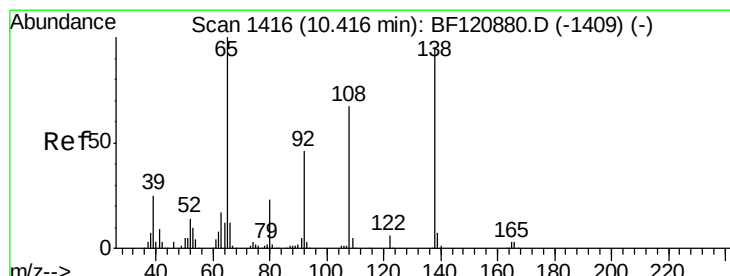
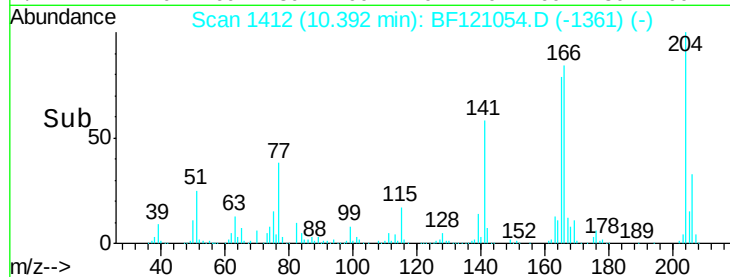
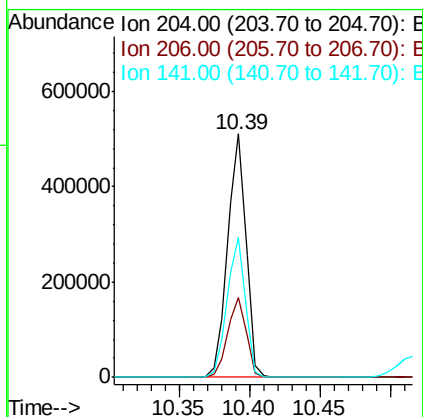
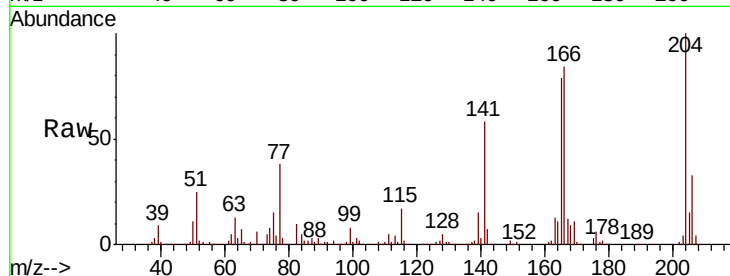




#61
 4-Chlorophenyl-phenylether
 Concen: 38.007 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF121054.D
 Acq: 28 Jul 2020 2:22

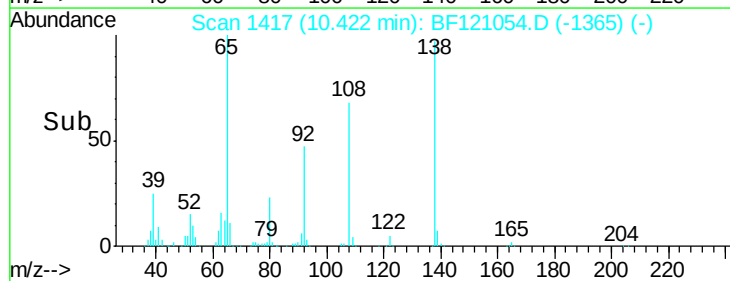
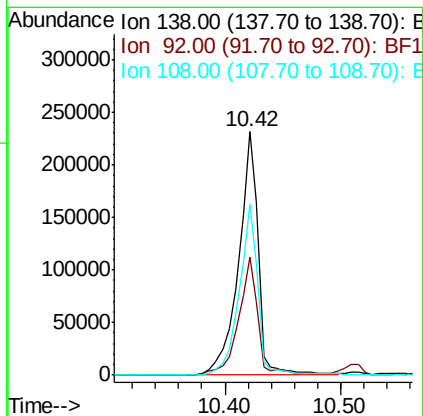
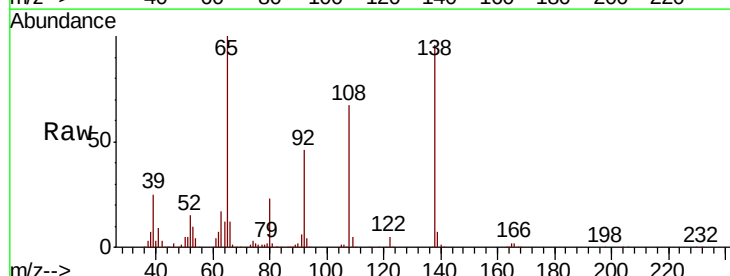
Instrument :
 BNA_F
 ClientSampleId :
 CTR-007MS

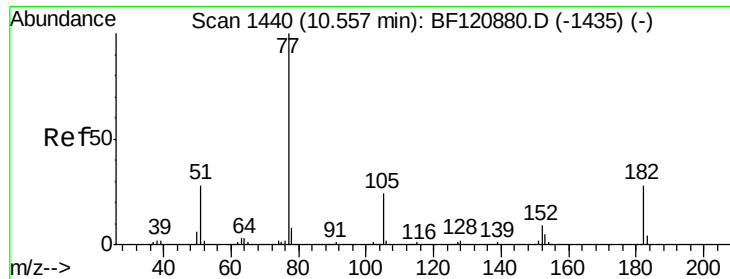
Tot Ion:	204	Resp:	463500
Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.9	38.9
141	57.7	47.2	70.8



#62
 4-Nitroaniline
 Concen: 41.911 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: BF121054.D
 Acq: 28 Jul 2020 2:22

Tgt Ion:	138	Resp:	273895
Ion	Ratio	Lower	Upper
138	100		
92	48.3	28.6	68.6
108	69.9	51.1	91.1





#63

Azobenzene

Concen: 43.367 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

Instrument :

BNA_F

ClientSampleId :

CTR-007MS

Tot Ion: 77 Resp: 1039747

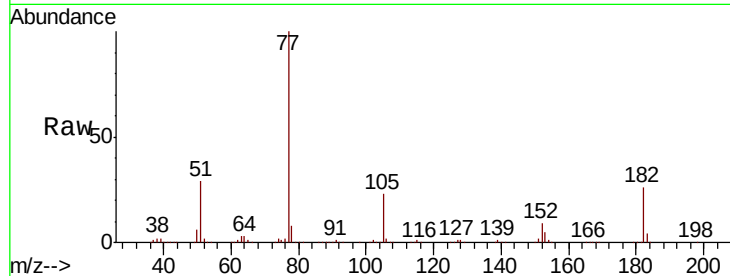
Ion	Ratio	Lower	Upper
77	100		
182	25.7	7.8	47.8
105	23.1	4.4	44.4
51	28.7	8.0	48.0

77 100

182 25.7 7.8 47.8

105 23.1 4.4 44.4

51 28.7 8.0 48.0

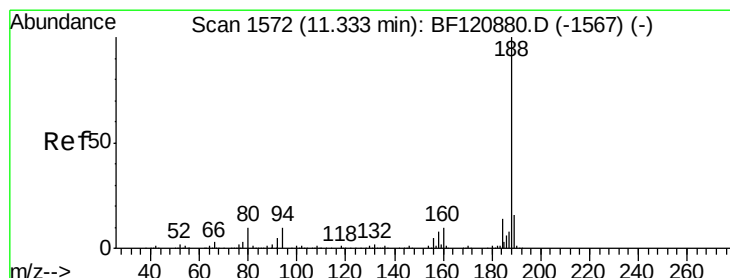
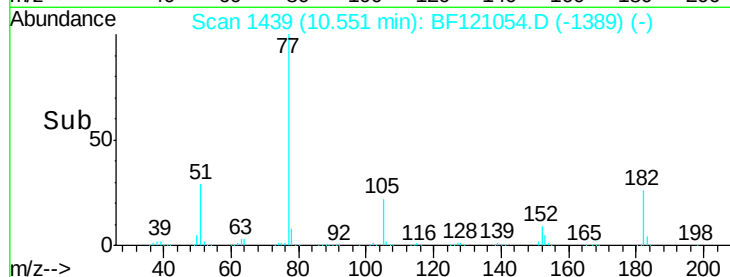
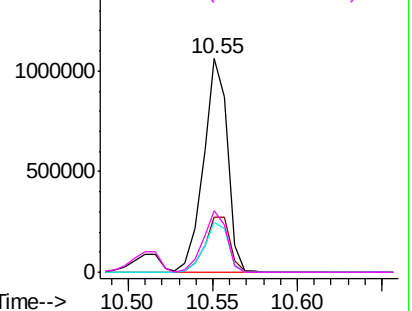


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

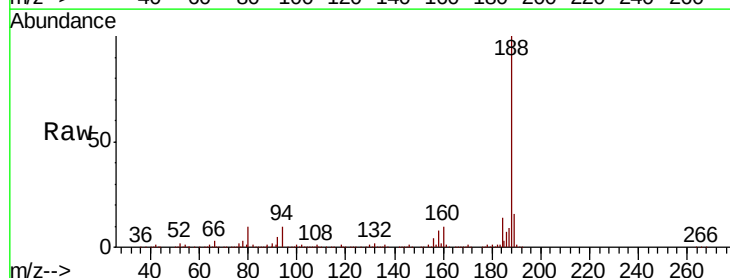
Tgt Ion: 188 Resp: 653921

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.0	12.0
80	10.3	8.3	12.5

188 100

94 9.9 8.0 12.0

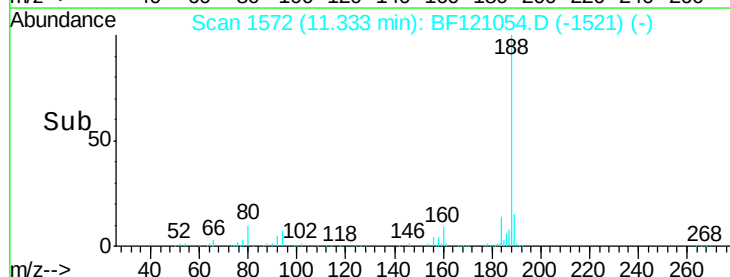
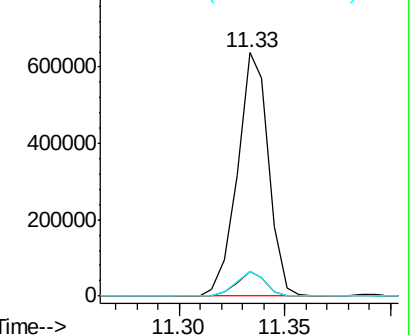
80 10.3 8.3 12.5

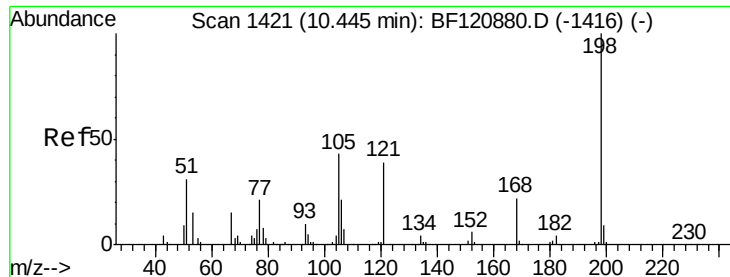


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 27.972 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

Instrument :

BNA_F

ClientSampleId :

CTR-007MS

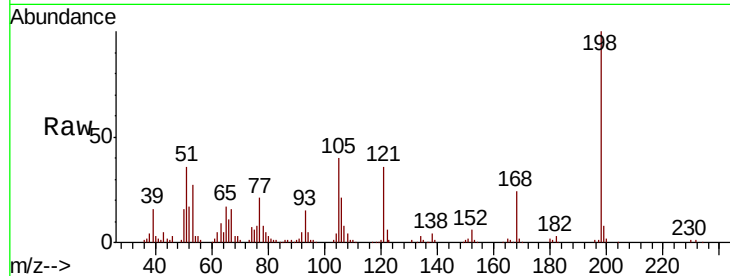
Tot Ion:198 Resp: 99268

Ion Ratio Lower Upper

198 100

51 35.6 19.5 59.5

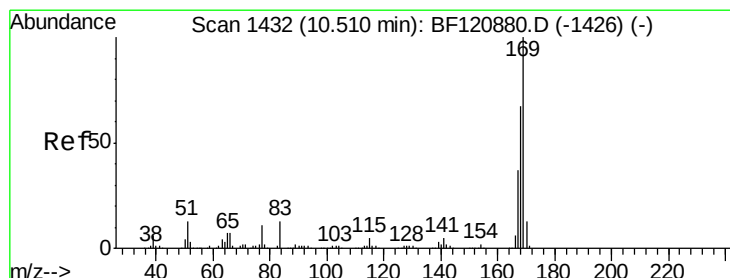
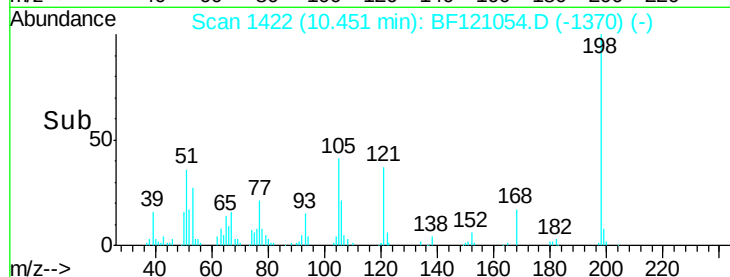
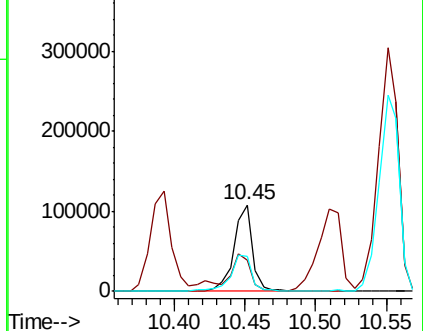
105 40.4 24.4 64.4



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: 46.415 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

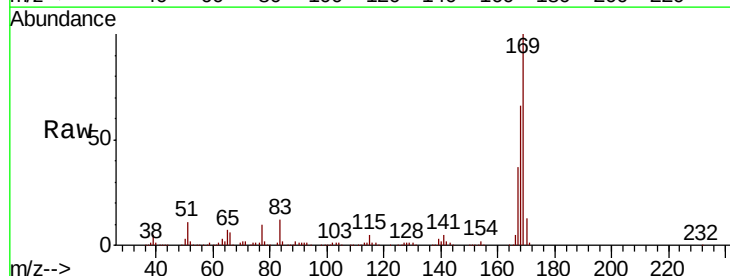
Tgt Ion:169 Resp: 954796

Ion Ratio Lower Upper

169 100

168 66.0 53.4 80.0

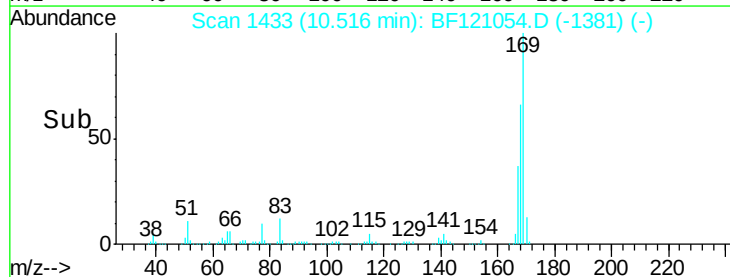
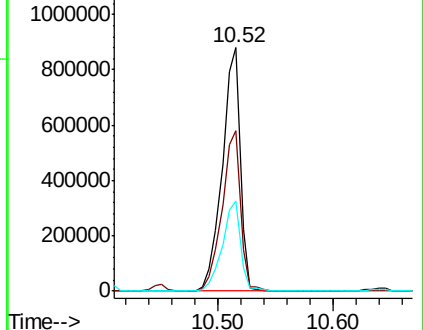
167 37.0 29.4 44.0

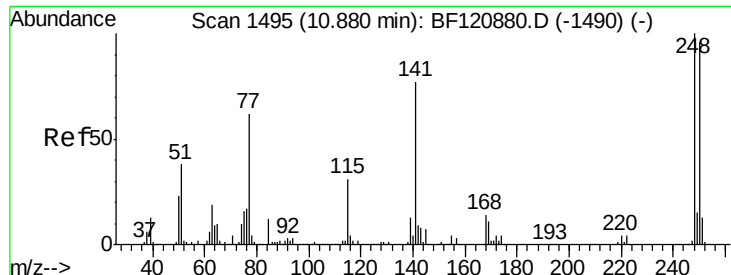


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

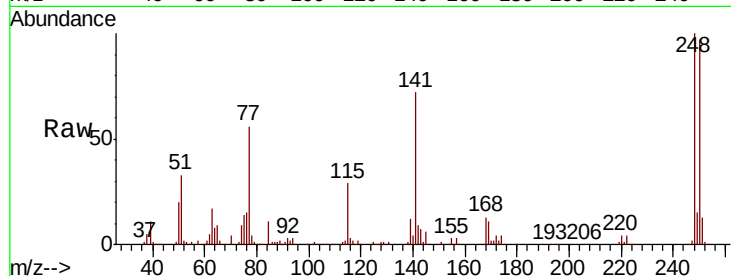




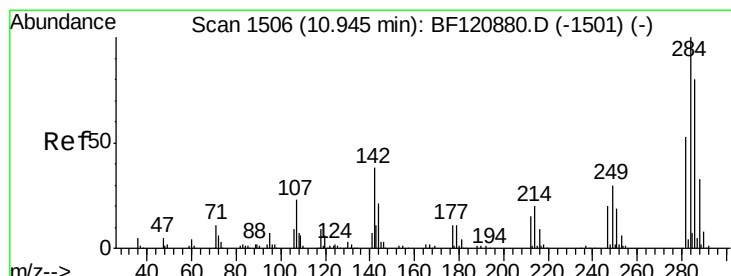
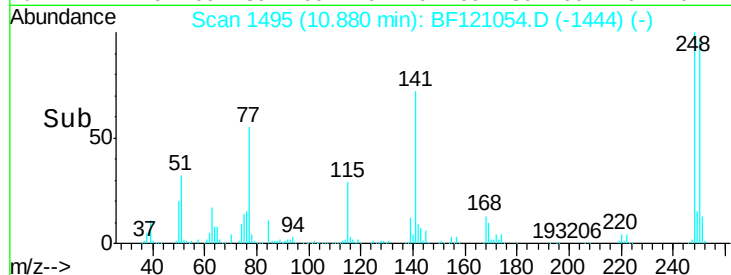
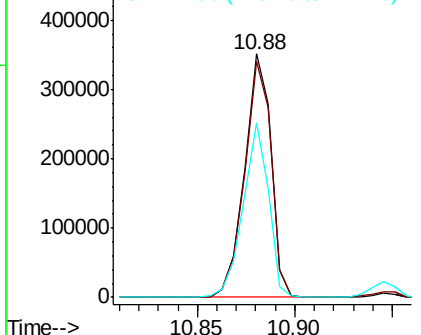
#67
 4-Bromophenyl-phenylether
 Concen: 45.301 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF121054.D
 Acq: 28 Jul 2020 2:22

Instrument :
 BNA_F
 ClientSampleId :
 CTR-007MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.1	115.7
141	71.9	61.2	91.8

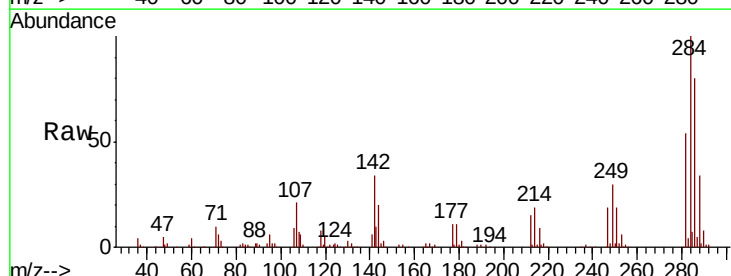


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

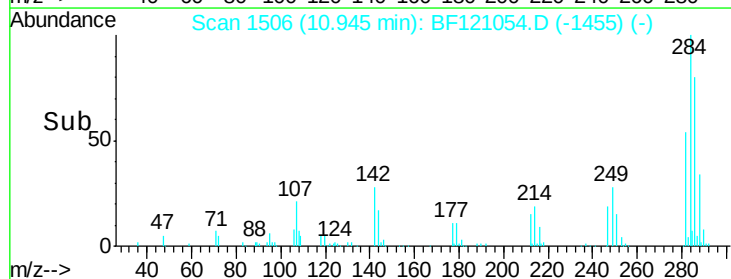
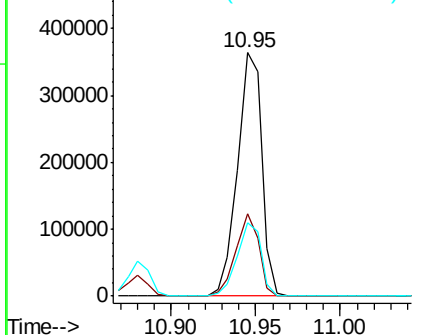


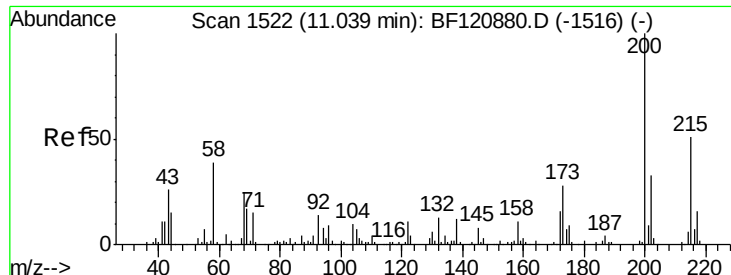
#68
 Hexachlorobenzene
 Concen: 46.367 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF121054.D
 Acq: 28 Jul 2020 2:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.9	30.2	45.2
249	30.1	24.2	36.2



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

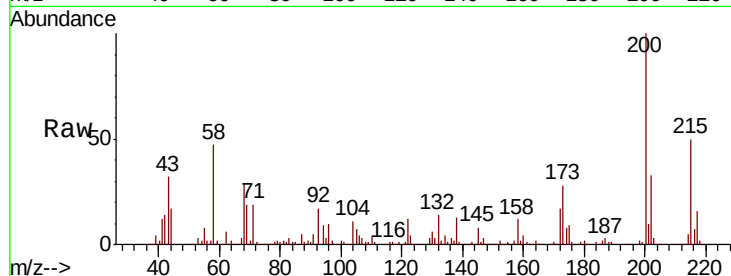




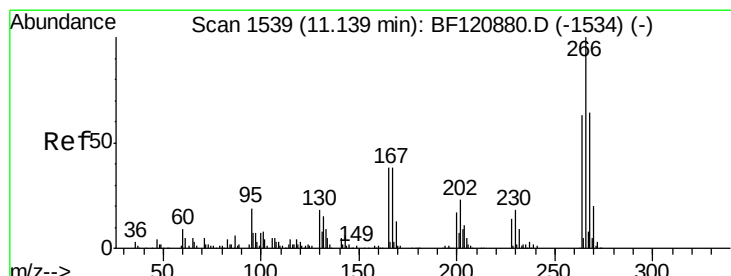
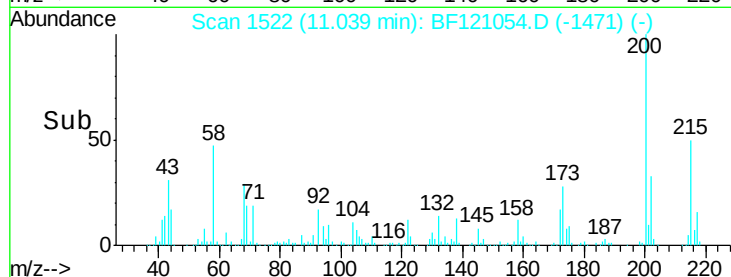
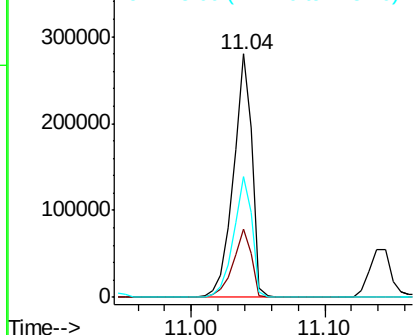
#69
 Atrazine
 Concen: 53.949 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF121054.D
 Acq: 28 Jul 2020 2:22

Instrument :
 BNA_F
 ClientSampleId :
 CTR-007MS

Tot Ion:200 Resp: 274846
 Ion Ratio Lower Upper
 200 100
 173 28.2 8.0 48.0
 215 49.7 31.5 71.5

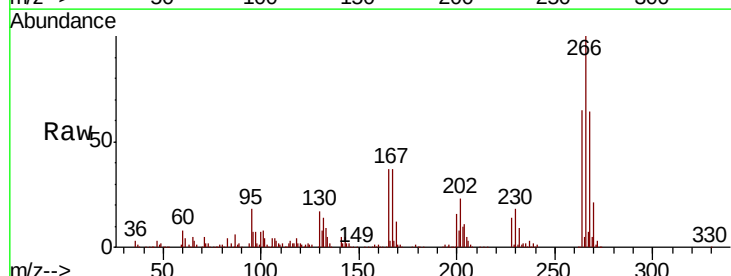


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

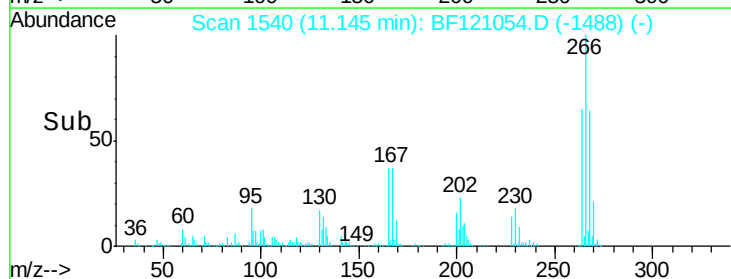
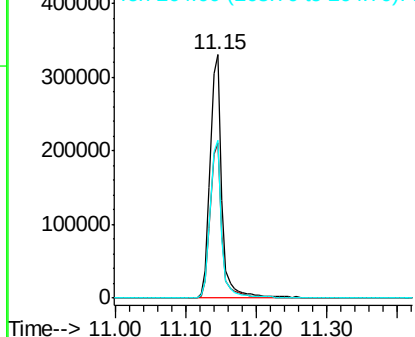


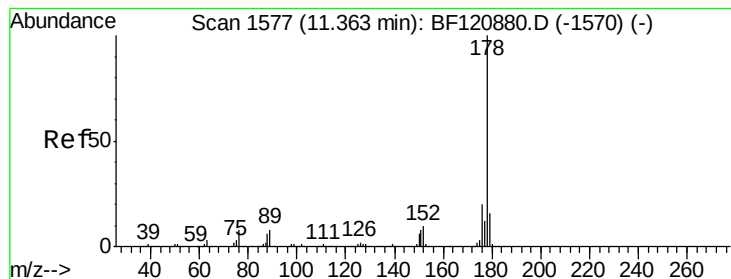
#70
 Pentachlorophenol
 Concen: 85.850 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF121054.D
 Acq: 28 Jul 2020 2:22

Tgt Ion:266 Resp: 387881
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.1 76.7
 264 65.0 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.795 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

Instrument :

BNA_F

ClientSampleId :

CTR-007MS

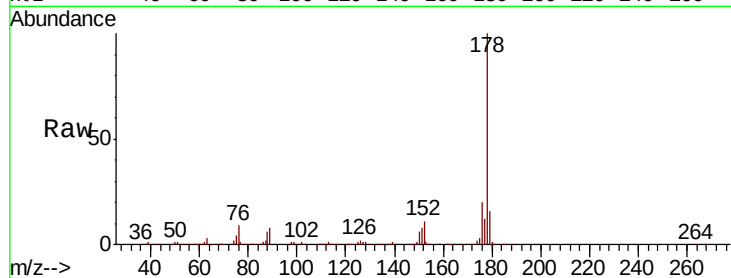
Tot Ion:178 Resp: 1472902

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.4

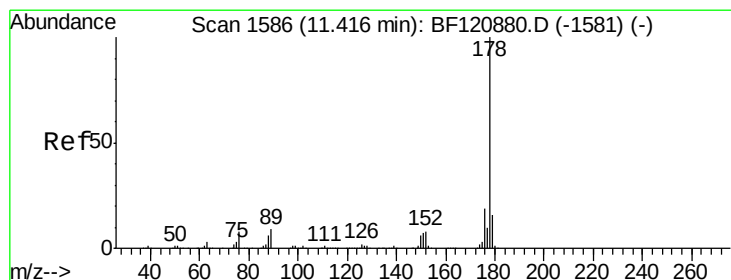
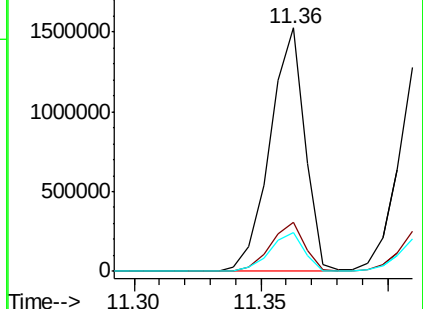
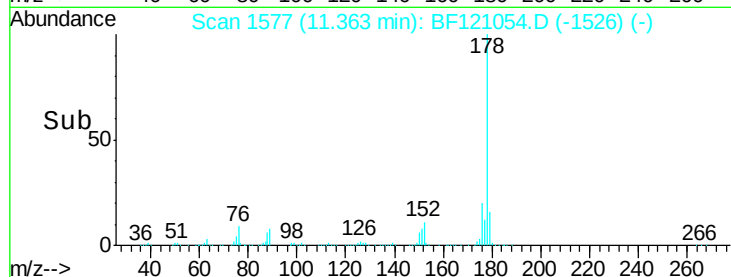
179 16.0 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.772 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

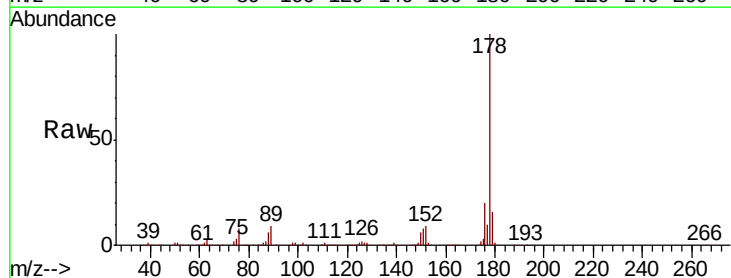
Tgt Ion:178 Resp: 1545762

Ion Ratio Lower Upper

178 100

176 20.0 15.5 23.3

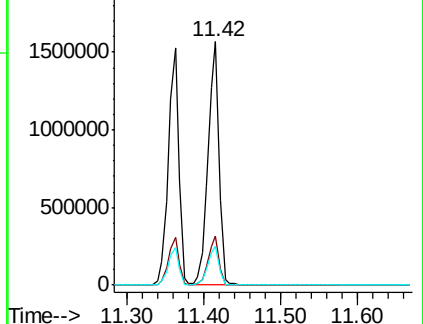
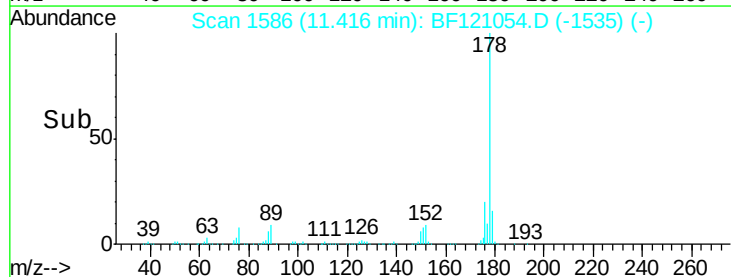
179 16.1 12.8 19.2

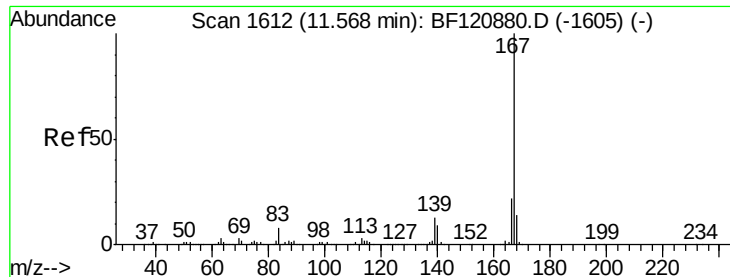


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.589 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

Instrument :

BNA_F

ClientSampleId :

CTR-007MS

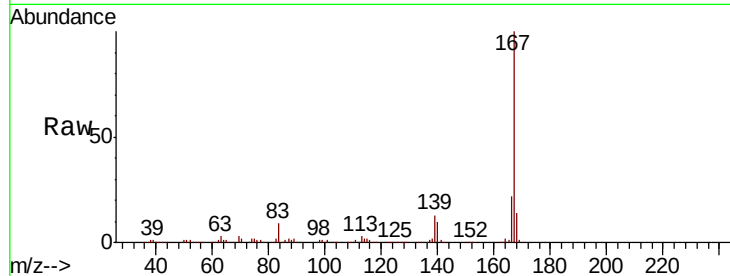
Tot Ion:167 Resp: 1460856

Ion Ratio Lower Upper

167 100

166 22.4 17.7 26.5

139 13.1 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E

2000000 Ion 166.00 (165.70 to 166.70): E

1500000 Ion 139.00 (138.70 to 139.70): E

1000000

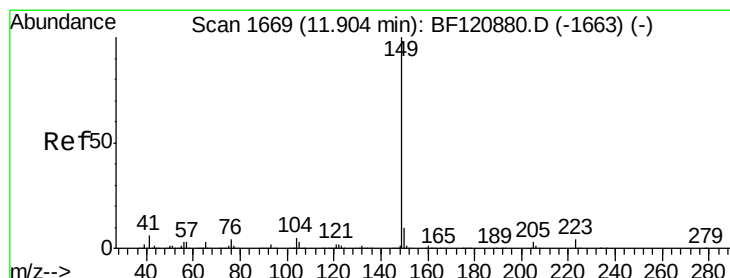
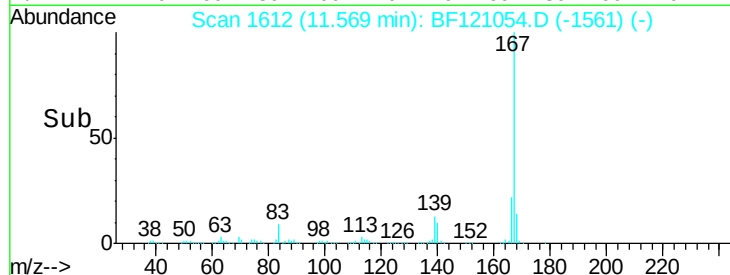
500000

0

11.57

11.50 11.60 11.70

Time-->



#74

Di-n-butylphthalate

Concen: 46.385 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

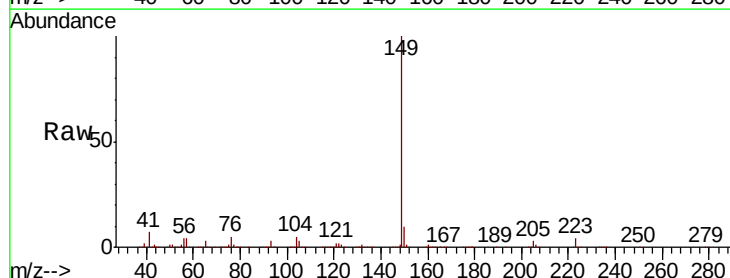
Tgt Ion:149 Resp: 1793967

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

104 5.0 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

2500000 Ion 150.00 (149.70 to 150.70): E

2000000 Ion 104.00 (103.70 to 104.70): E

1500000

1000000

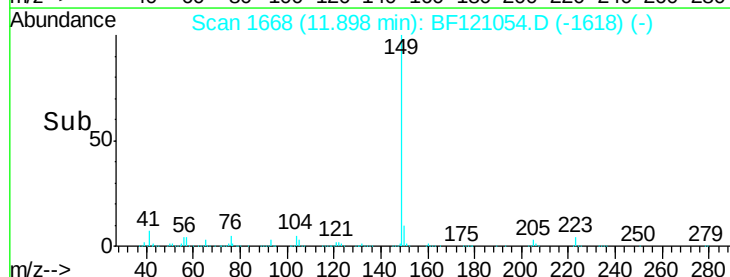
500000

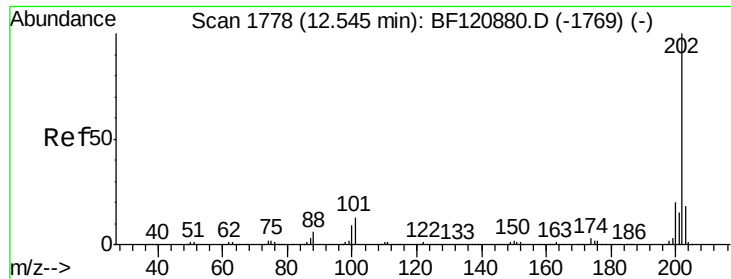
0

11.90

11.80 12.00

Time-->

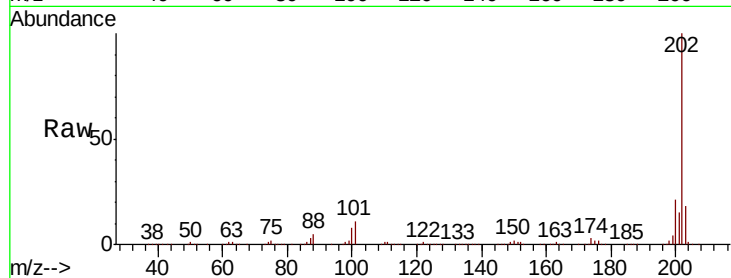




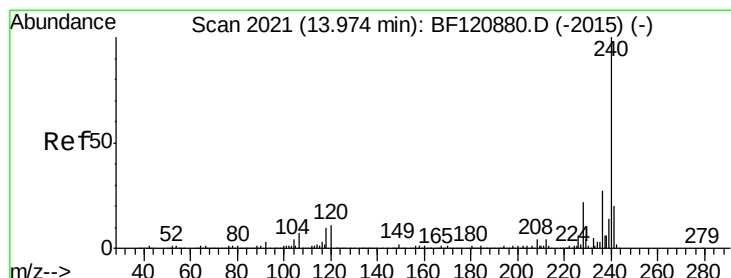
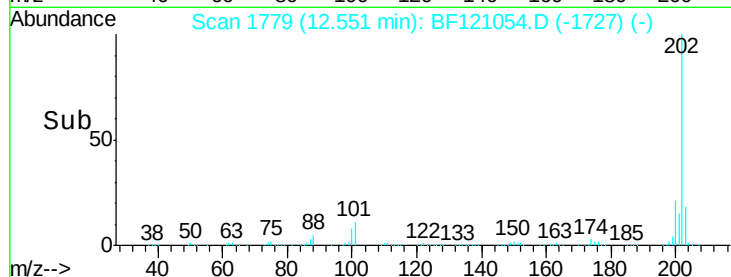
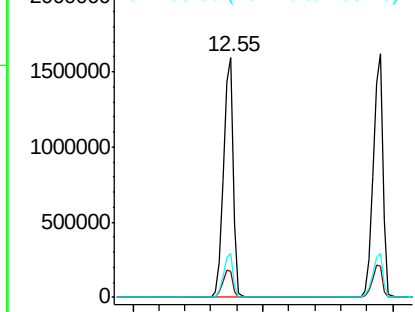
#75
Fluoranthene
Concen: 44.021 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF121054.D
Acq: 28 Jul 2020 2:22

Instrument :
BNA_F
ClientSampleId :
CTR-007MS

Tot Ion:202 Resp: 1641015
Ion Ratio Lower Upper
202 100
101 11.0 0.0 32.7
203 18.2 0.0 38.0

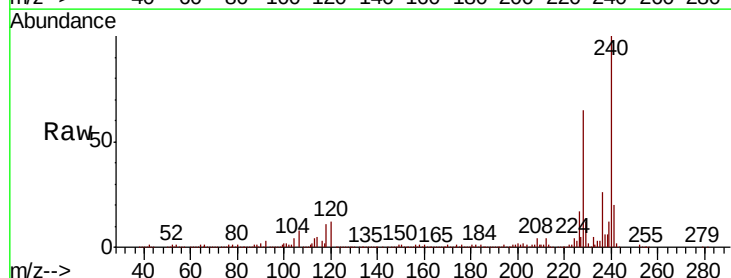


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

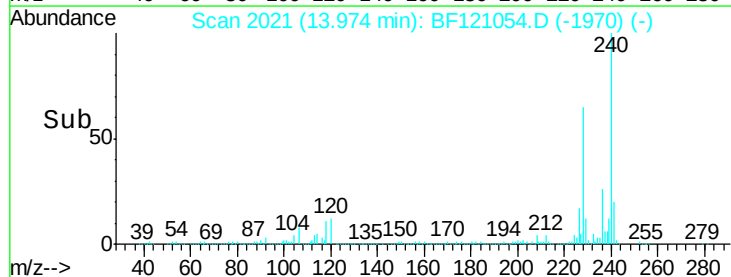
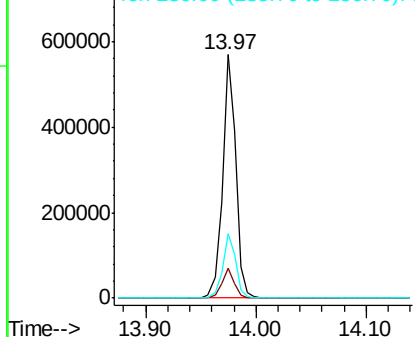


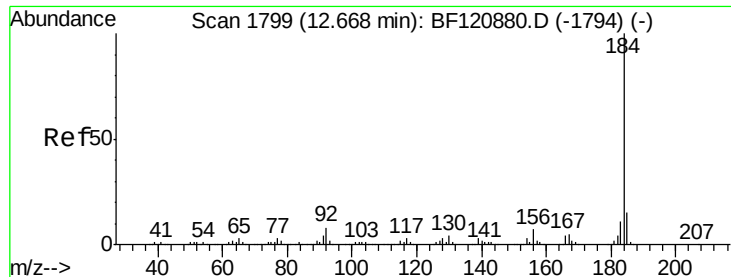
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF121054.D
Acq: 28 Jul 2020 2:22

Tgt Ion:240 Resp: 474761
Ion Ratio Lower Upper
240 100
120 12.4 9.0 13.4
236 26.3 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 58.915 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

Instrument :

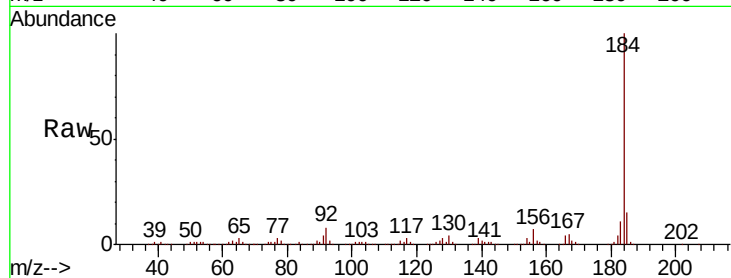
BNA_F

ClientSampleId :

CTR-007MS

Tot Ion:184 Resp: 735400

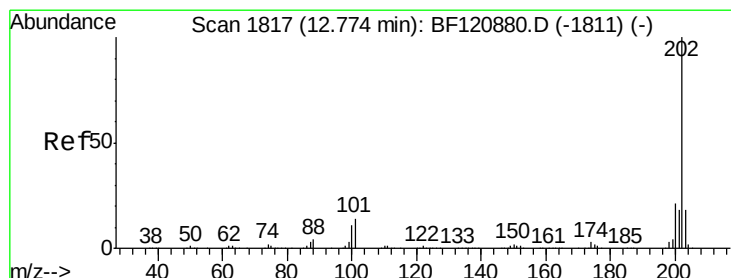
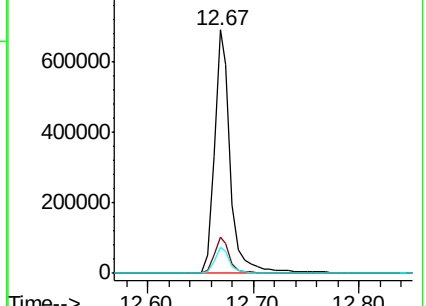
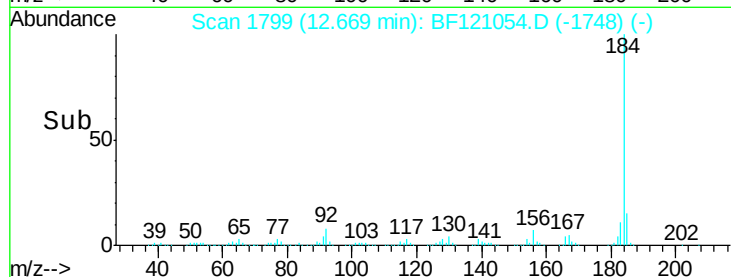
Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.2	18.2
183	10.6	8.5	12.7



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: 49.481 ng

RT: 12.78 min Scan# 1818

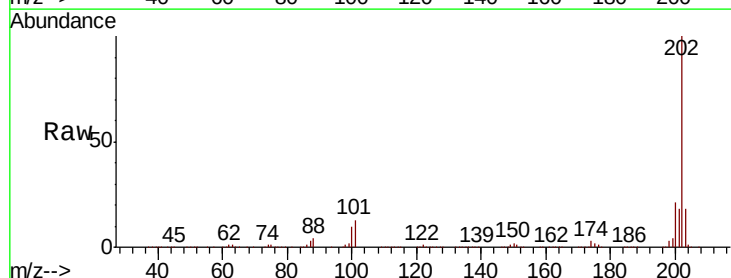
Delta R.T. 0.01 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

Tgt Ion:202 Resp: 1660853

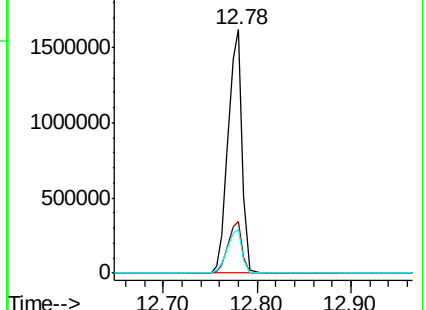
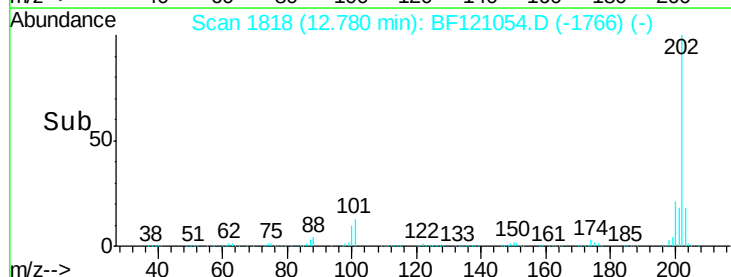
Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.9	14.4	21.6

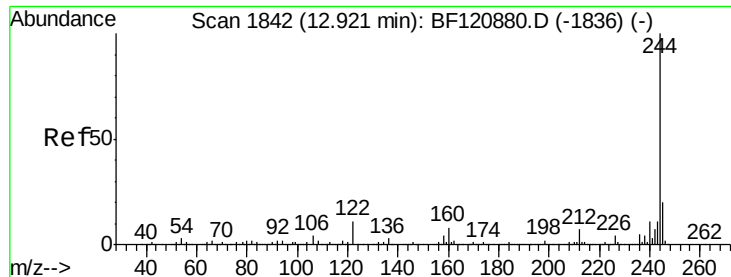


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

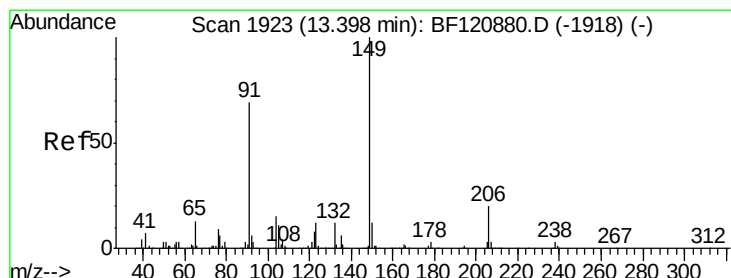
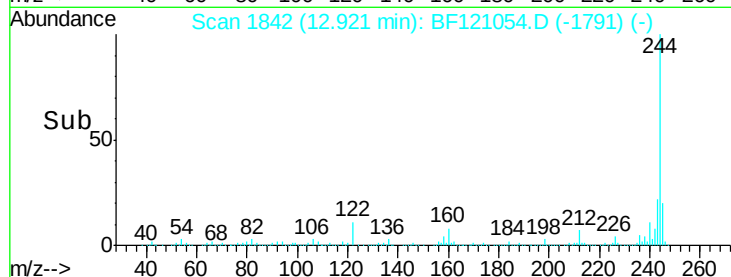
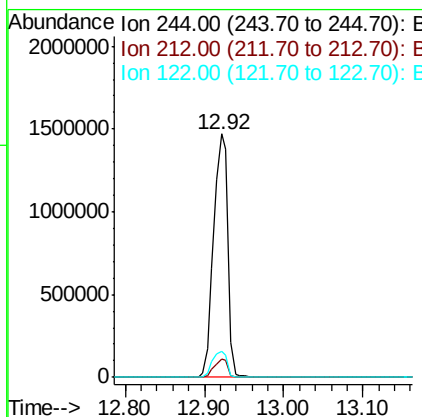
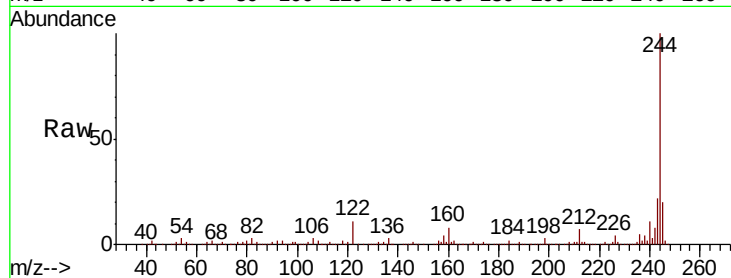




#79
 Terphenyl-d14
 Concen: 83.766 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF121054.D
 Acq: 28 Jul 2020 2:22

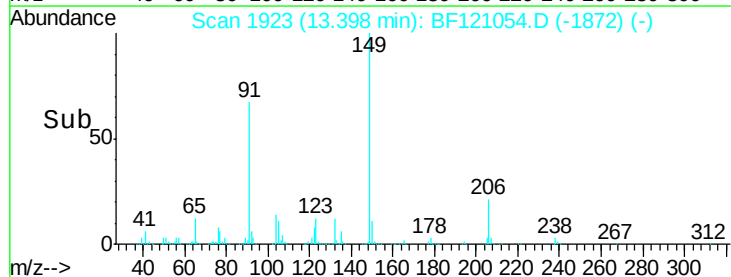
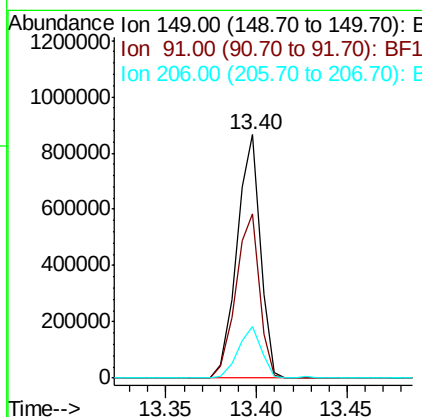
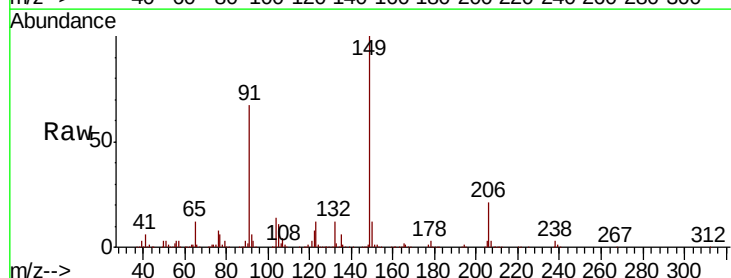
Instrument :
 BNA_F
 ClientSampleId :
 CTR-007MS

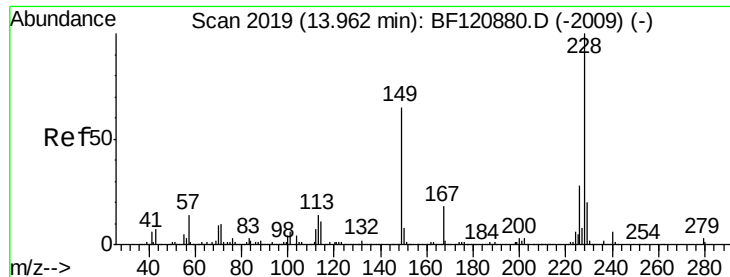
Tot Ion:244 Resp: 1829476
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 10.5 8.9 13.3



#80
 Butylbenzylphthalate
 Concen: 51.895 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF121054.D
 Acq: 28 Jul 2020 2:22

Tgt Ion:149 Resp: 776506
 Ion Ratio Lower Upper
 149 100
 91 67.3 55.1 82.7
 206 21.2 16.1 24.1





#81

Benzo(a)anthracene

Concen: 43.921 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

Instrument :

BNA_F

ClientSampleId :

CTR-007MS

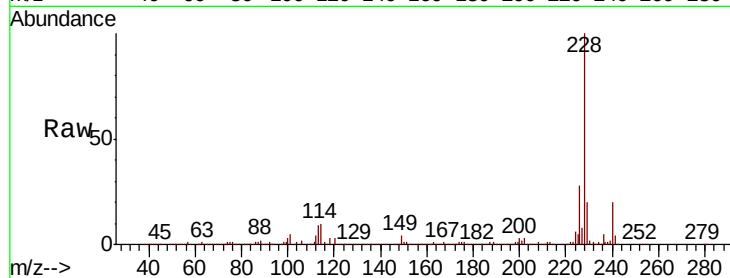
Tot Ion:228 Resp: 1262677

Ion Ratio Lower Upper

228 100

226 28.4 22.3 33.5

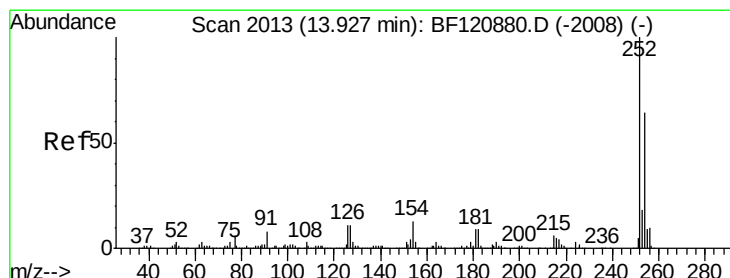
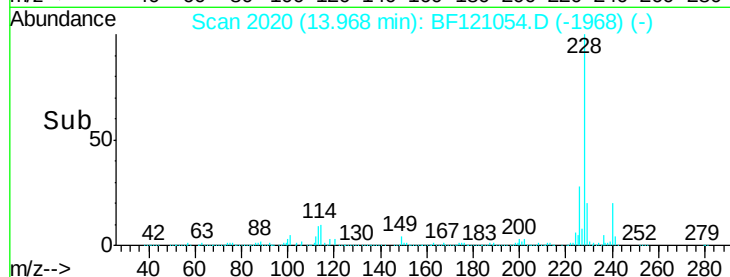
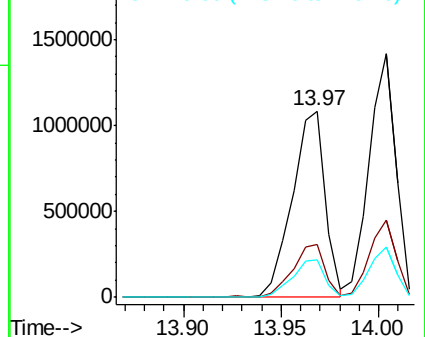
229 19.8 16.1 24.1



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: 42.651 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

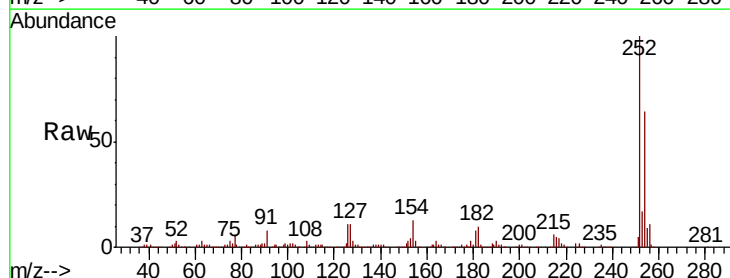
Tgt Ion:252 Resp: 462605

Ion Ratio Lower Upper

252 100

254 63.6 51.2 76.8

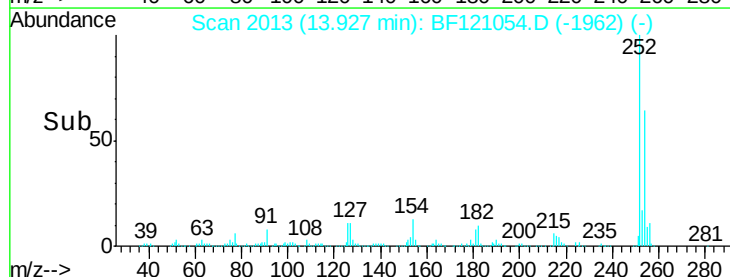
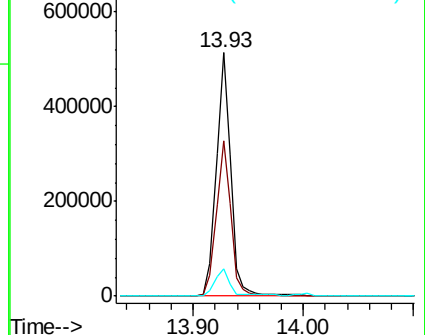
126 11.2 8.7 13.1

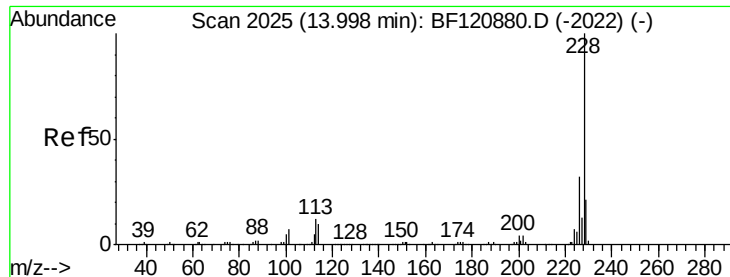


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.242 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

Instrument :

BNA_F

ClientSampleId :

CTR-007MS

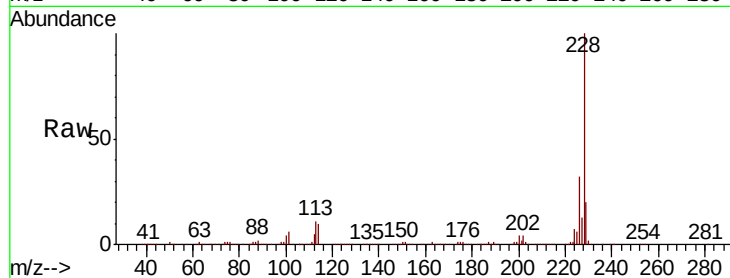
Tot Ion:228 Resp: 1366866

Ion Ratio Lower Upper

228 100

226 31.8 25.6 38.4

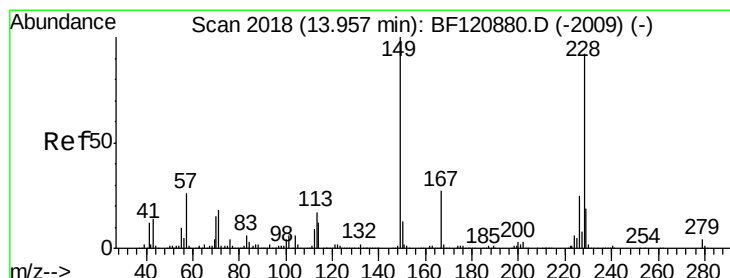
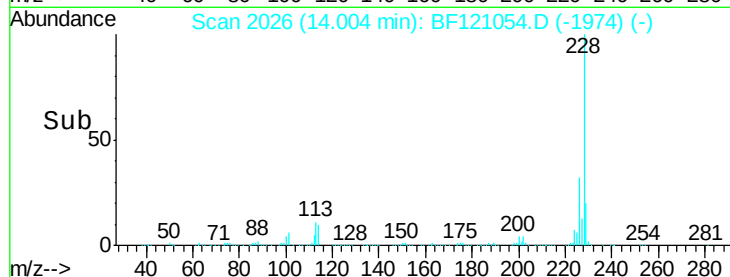
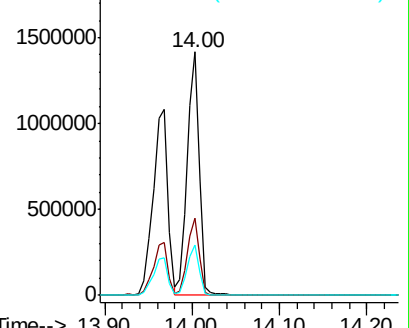
229 20.5 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.694 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF121054.D

Acq: 28 Jul 2020 2:22

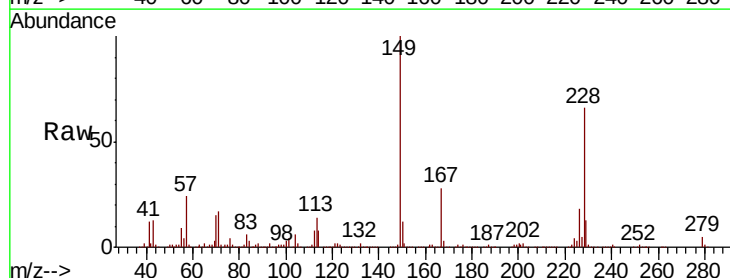
Tgt Ion:149 Resp: 953819

Ion Ratio Lower Upper

149 100

167 28.3 21.9 32.9

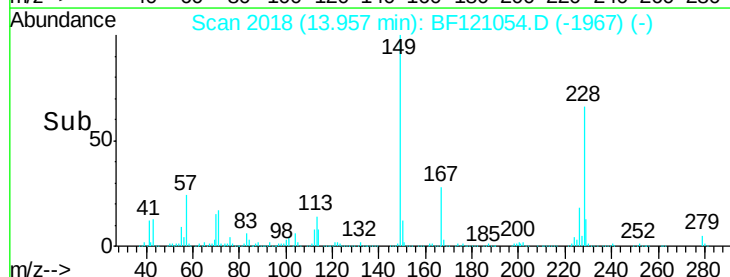
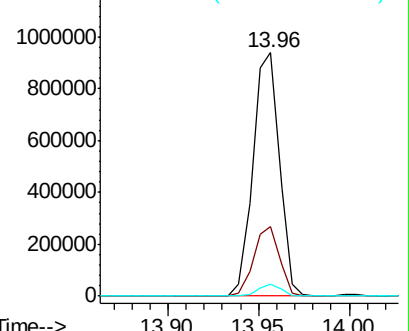
279 4.7 3.0 4.4#

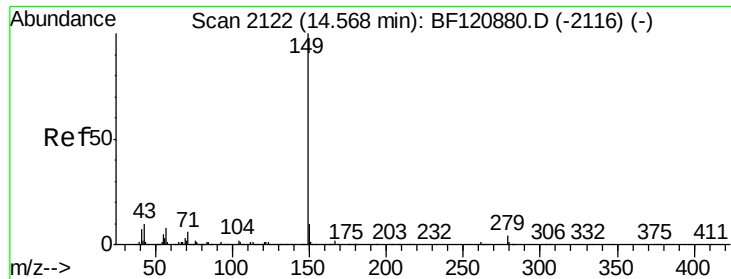


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

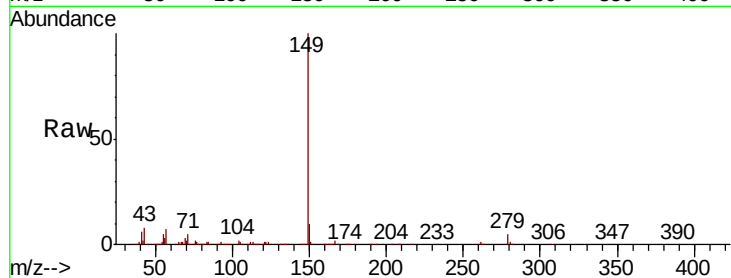




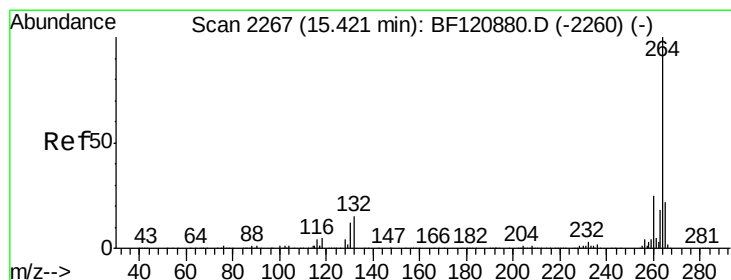
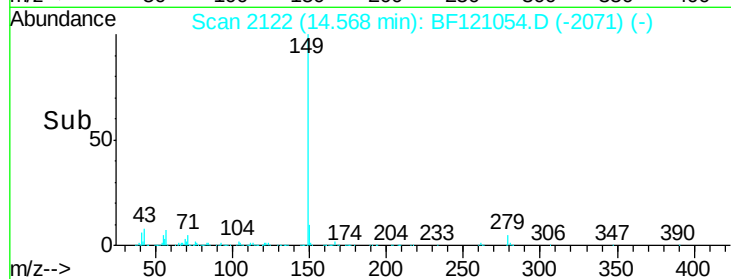
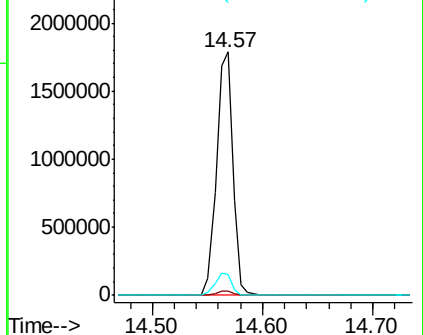
#85
Di-n-octyl phthalate
Concen: 50.001 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF121054.D
Acq: 28 Jul 2020 2:22

Instrument :
BNA_F
ClientSampleId :
CTR-007MS

Tot Ion:149 Resp: 1835505
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.9 7.6 11.4

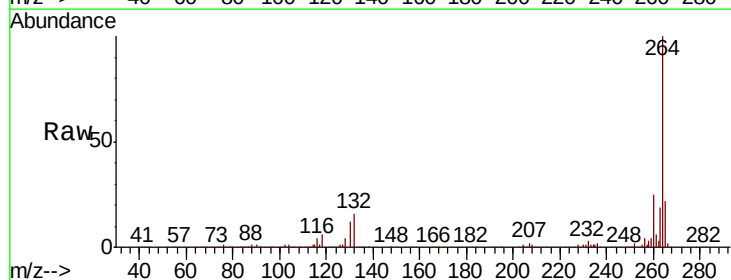


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

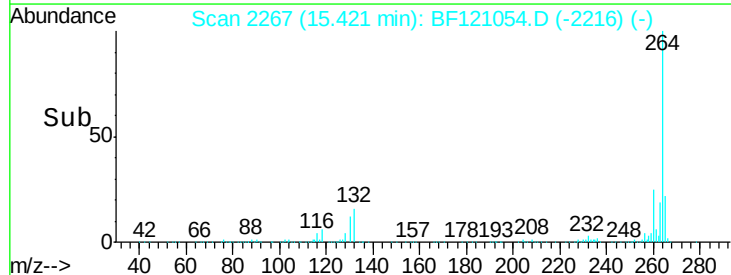
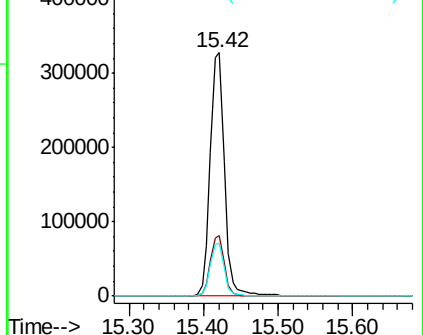


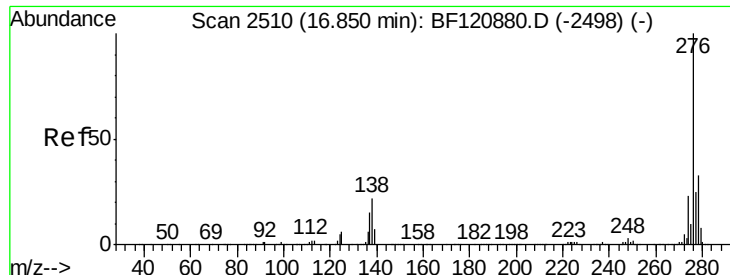
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF121054.D
Acq: 28 Jul 2020 2:22

Tgt Ion:264 Resp: 434925
Ion Ratio Lower Upper
264 100
260 25.1 20.0 30.0
265 21.7 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

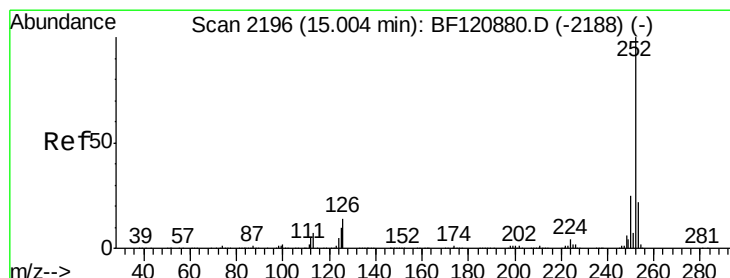
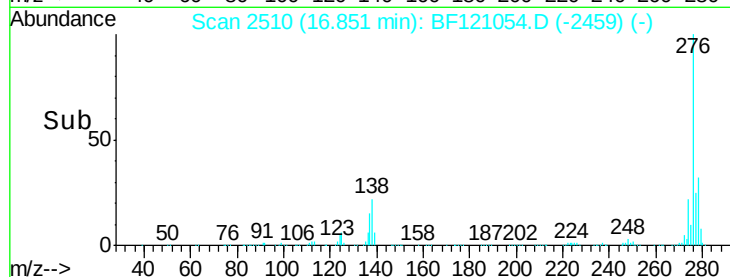
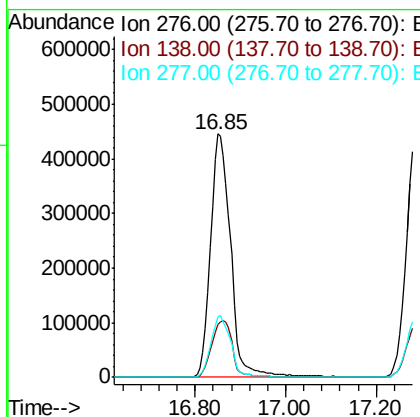
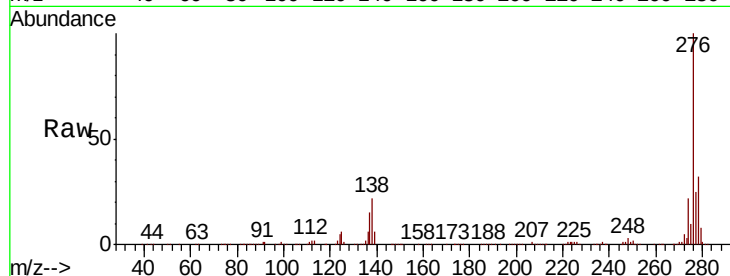




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.770 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BF121054.D
 Acq: 28 Jul 2020 2:22

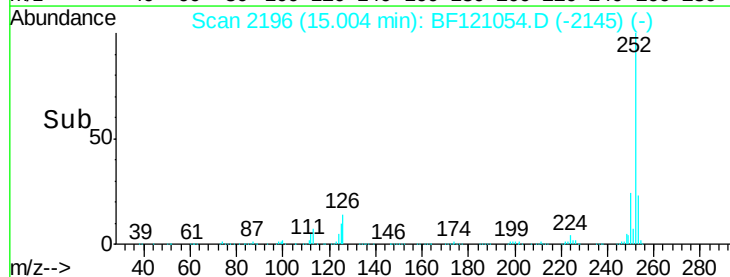
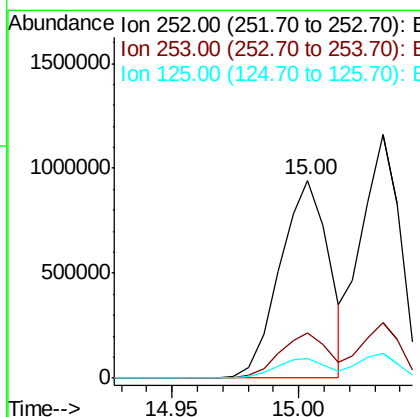
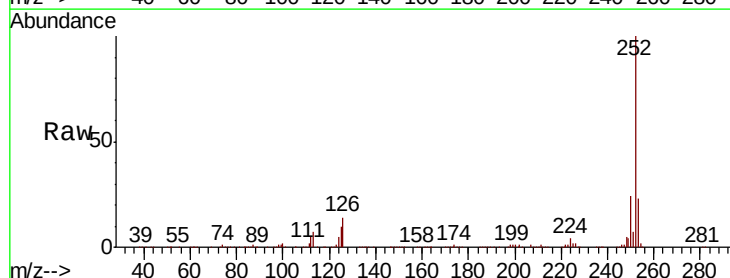
Instrument :
 BNA_F
 ClientSampleId :
 CTR-007MS

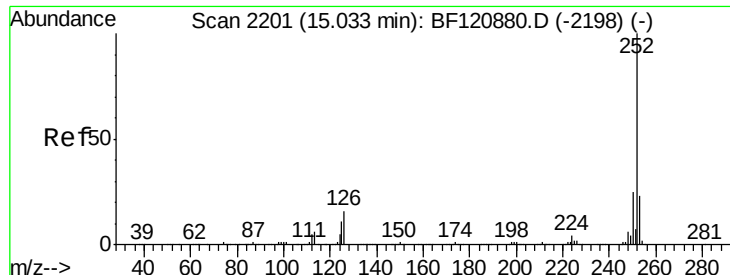
Tot Ion:276 Resp: 1384423
 Ion Ratio Lower Upper
 276 100
 138 23.9 19.8 29.8
 277 25.1 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 48.052 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF121054.D
 Acq: 28 Jul 2020 2:22

Tgt Ion:252 Resp: 1263279
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.0 27.0
 125 10.1 8.3 12.5

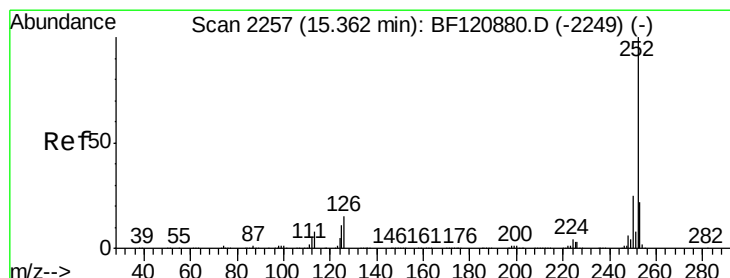
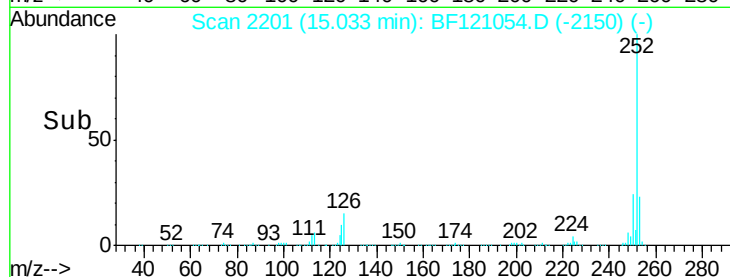
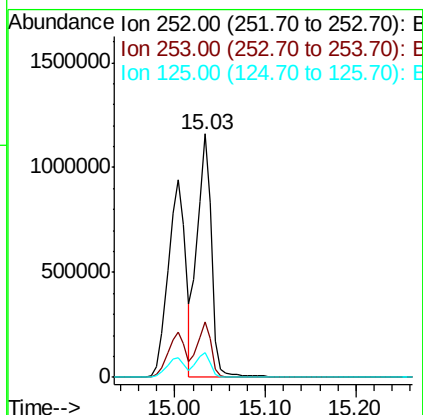
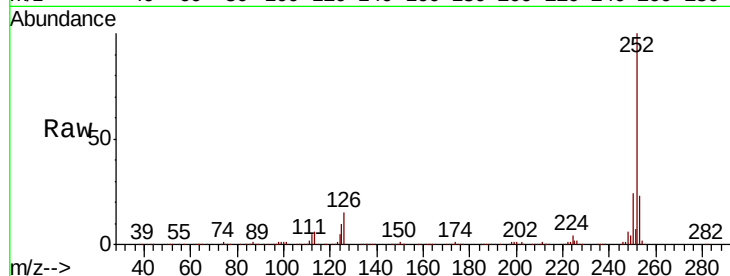




#89
Benzo(k)fluoranthene
Concen: 53.142 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF121054.D
Acq: 28 Jul 2020 2:22

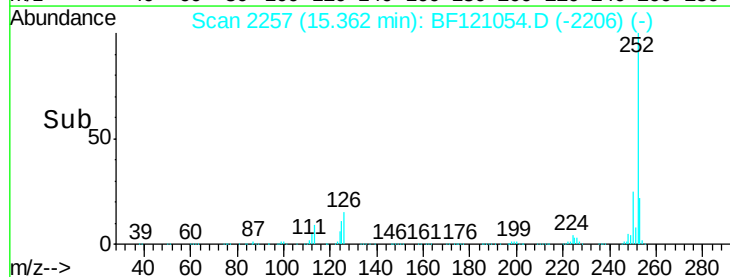
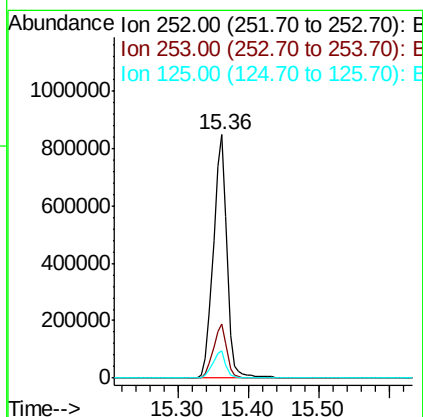
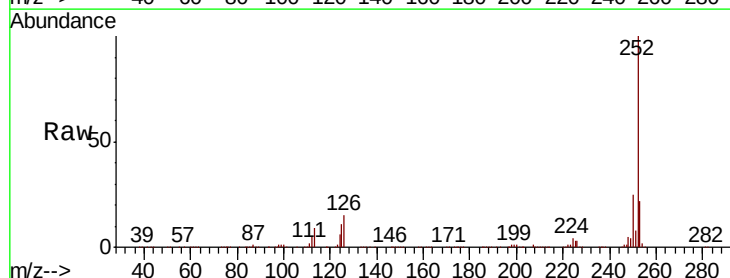
Instrument :
BNA_F
ClientSampleId :
CTR-007MS

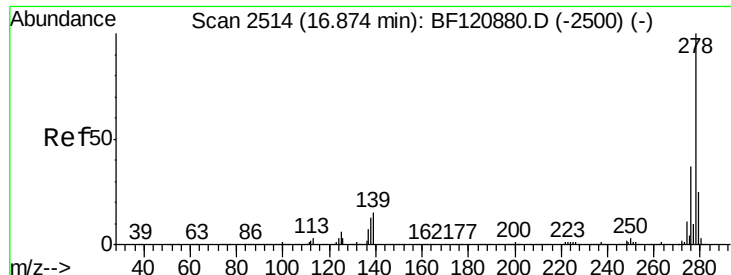
Tot Ion:252 Resp: 1274141
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 10.3 8.4 12.6



#90
Benzo(a)pyrene
Concen: 47.401 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121054.D
Acq: 28 Jul 2020 2:22

Tgt Ion:252 Resp: 1136945
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.2 8.9 13.3



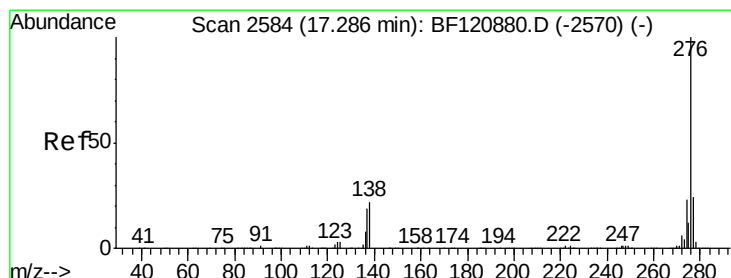
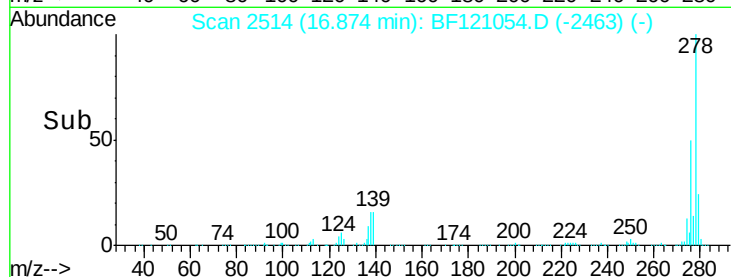
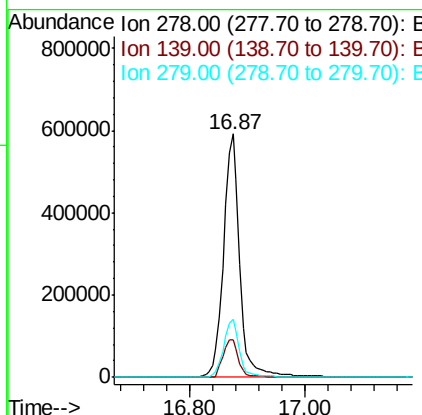
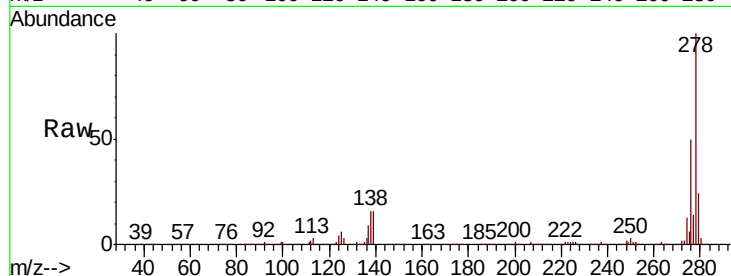


#91
Dibenzo(a,h)anthracene
Concen: 46.810 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BF121054.D
Acq: 28 Jul 2020 2:22

Instrument :
BNA_F
ClientSampleId :
CTR-007MS

Tot Ion:278 Resp: 1156572

Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.3	18.5
279	24.1	20.1	30.1



#92
Benzo(g,h,i)perylene
Concen: 47.221 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF121054.D
Acq: 28 Jul 2020 2:22

Tgt Ion:276 Resp: 1150379

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	21.3	17.5	26.3

