

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF052020\
 Data File : BF120375.D
 Acq On : 20 May 2020 17:46
 Operator : MA/SJ
 Sample : L2497-08MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-051920MS

Quant Time: May 20 18:21:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 13:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	290647	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	1190150	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	615570	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1054332	20.00	ng	0.00
76) Chrysene-d12	13.75	240	693241	20.00	ng	0.00
87) Perylene-d12	15.13	264	584304	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	2191131	146.68	ng	0.03
7) Phenol-d6	6.26	99	2533246	134.10	ng	0.00
23) Nitrobenzene-d5	7.17	82	1795510	103.29	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	670692	133.63	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	3158939	105.43	ng	0.00
79) Terphenyl-d14	12.70	244	3001742	95.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	297942	50.140	ng	# 87
3) Pyridine	3.03	79	542554	29.046	ng	99
4) n-Nitrosodimethylamine	2.93	42	329990	45.118	ng	99
6) Aniline	6.27	93	184816	7.650	ng	# 1
8) 2-Chlorophenol	6.38	128	752825	43.223	ng	98
9) Benzaldehyde	6.14	77	455599	39.123	ng	99
10) Phenol	6.27	94	781958	35.461	ng	# 74
11) bis(2-Chloroethyl)ether	6.34	93	754680	42.844	ng	99
12) 1,3-Dichlorobenzene	6.53	146	719961	38.630	ng	98
13) 1,4-Dichlorobenzene	6.61	146	754323	39.297	ng	97
14) 1,2-Dichlorobenzene	6.76	146	662045	38.300	ng	98
15) Benzyl Alcohol	6.75	79	571218	42.564	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.87	45	1144553	41.231	ng	74
17) 2-Methylphenol	6.87	107	555146	37.757	ng	93
18) Hexachloroethane	7.10	117	279200	38.181	ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	506456	40.924	ng	96
20) 3+4-Methylphenols	7.03	107	721171	37.725	ng	95
22) Acetophenone	7.01	105	1017243	41.722	ng	# 97
24) Nitrobenzene	7.19	77	738402	39.470	ng	97
25) Isophorone	7.43	82	1452803	40.168	ng	100
26) 2-Nitrophenol	7.50	139	406307	41.527	ng	94
27) 2,4-Dimethylphenol	7.55	122	630917	44.329	ng	95
28) bis(2-Chloroethoxy)methane	7.64	93	931283	40.965	ng	98
29) 2,4-Dichlorophenol	7.75	162	590232	40.378	ng	97
30) 1,2,4-Trichlorobenzene	7.82	180	645673	39.860	ng	98
31) Naphthalene	7.90	128	2142522	42.654	ng	99
32) Benzoic acid	7.70	122	260446	27.917	ng	97
33) 4-Chloroaniline	7.96	127	184876	8.076	ng	99
34) Hexachlorobutadiene	8.02	225	360613	38.516	ng	98
35) Caprolactam	8.35	113	83699	17.502	ng	99
36) 4-Chloro-3-methylphenol	8.46	107	634202	40.106	ng	99
37) 2-Methylnaphthalene	8.59	142	1390808	40.462	ng	98
38) 1-Methylnaphthalene	8.69	142	1351776	40.547	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	638996	41.168	ng	98

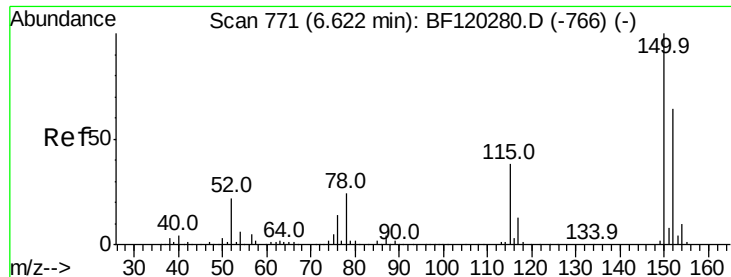
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF052020\
 Data File : BF120375.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 13:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.74	237	436819	69.198	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	398956	38.291	ng	99
44) 2,4,5-Trichlorophenol	8.93	196	424329	35.463	ng	98
46) 1,1'-Biphenyl	9.06	154	1707958	42.347	ng	99
47) 2-Chloronaphthalene	9.08	162	1268634	39.212	ng	99
48) 2-Nitroaniline	9.19	65	431007	36.512	ng	99
49) Acenaphthylene	9.49	152	1970157	39.865	ng	99
50) Dimethylphthalate	9.37	163	1476954	37.955	ng	99
51) 2,6-Dinitrotoluene	9.43	165	322764	37.164	ng	96
52) Acenaphthene	9.66	154	1203317	40.621	ng	99
53) 3-Nitroaniline	9.60	138	110878	10.706	ng	99
54) 2,4-Dinitrophenol	9.72	184	92659	22.602	ng	97
55) Dibenzofuran	9.83	168	1686209	39.528	ng	98
56) 4-Nitrophenol	9.79	139	287076	51.586	ng	91
57) 2,4-Dinitrotoluene	9.83	165	379344	37.235	ng	91
58) Fluorene	10.18	166	1323965	40.753	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.96	232	332500	36.925	ng	99
60) Diethylphthalate	10.06	149	1456133	38.760	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	640186	37.901	ng	95
62) 4-Nitroaniline	10.22	138	254307	26.369	ng	99
63) Azobenzene	10.33	77	1399987	39.430	ng	96
65) 4,6-Dinitro-2-methylphenol	10.25	198	118179	22.164	ng	92
66) n-Nitrosodiphenylamine	10.30	169	1241757	42.571	ng	99
67) 4-Bromophenyl-phenylether	10.66	248	400966	39.191	ng	94
68) Hexachlorobenzene	10.73	284	426695	39.866	ng	95
69) Atrazine	10.83	200	335180	38.402	ng	99
70) Pentachlorophenol	10.93	266	265947	58.421	ng	100
71) Phenanthrene	11.14	178	1829704	41.300	ng	99
72) Anthracene	11.19	178	1962871	41.386	ng	99
73) Carbazole	11.35	167	1729224	39.021	ng	99
74) Di-n-butylphthalate	11.69	149	2213989	41.455	ng	99
75) Fluoranthene	12.32	202	1968991	41.465	ng	99
77) Benzidine	12.45	184	389836	19.257	ng	95
78) Pyrene	12.55	202	1973897	39.940	ng	100
80) Butylbenzylphthalate	13.18	149	887799	38.149	ng	93
81) Benzo(a)anthracene	13.74	228	1445692	39.539	ng	99
82) 3,3'-Dichlorobenzidine	13.71	252	260689	18.919	ng	96
83) Chrysene	13.78	228	1572723	40.056	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1136877	39.265	ng	99
85) Di-n-octyl phthalate	14.35	149	2038356	39.133	ng	98
86) Indeno(1,2,3-cd)pyrene	16.44	276	1244600	34.926	ng	98
88) Benzo(b)fluoranthene	14.75	252	1316814	41.266	ng	98
89) Benzo(k)fluoranthene	14.78	252	1260969	45.611	ng	97
90) Benzo(a)pyrene	15.08	252	1131636	39.543	ng	98
91) Dibenzo(a,h)anthracene	16.45	278	1034426	40.802	ng	99
92) Benzo(g,h,i)perylene	16.83	276	1009920	39.503	ng	97

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

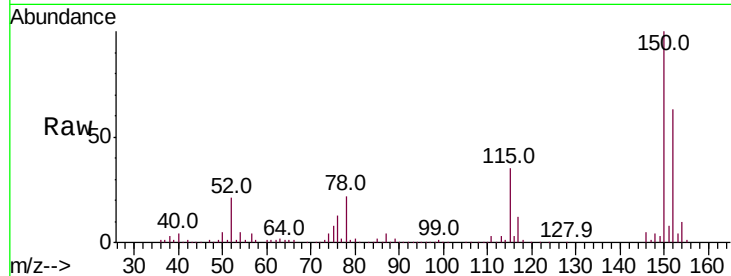


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.59 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-051920MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.2	189.2
115	55.9	47.9	71.9

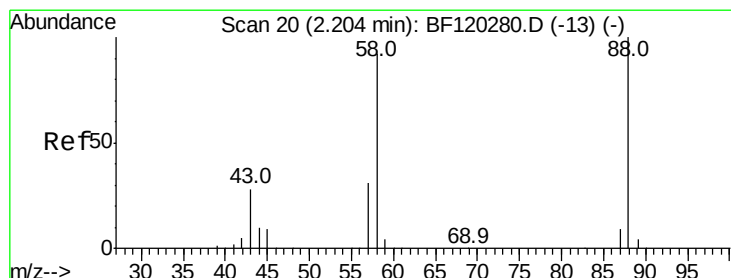
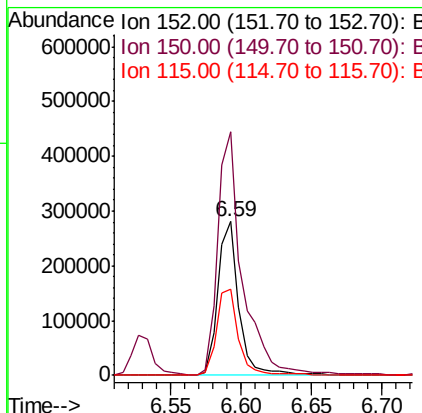
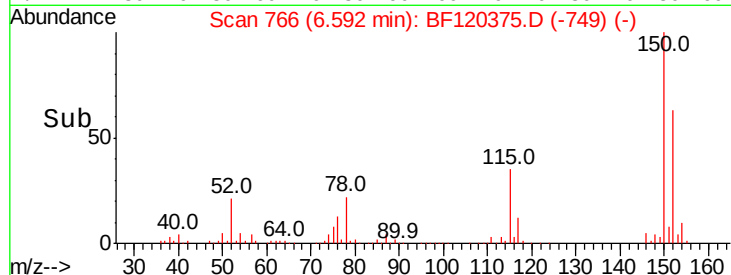


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

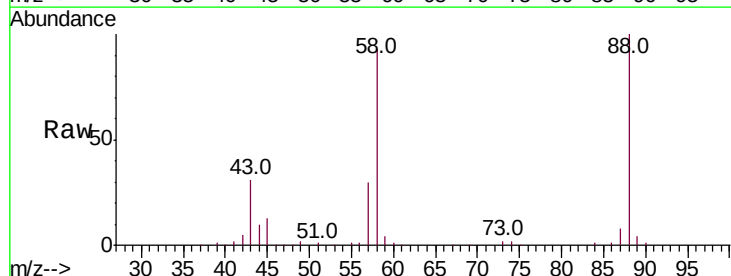
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 50.140 ng
 RT: 2.38 min Scan# 50
 Delta R.T. 0.21 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.8	75.8	113.6
43	0.0	23.6	35.4

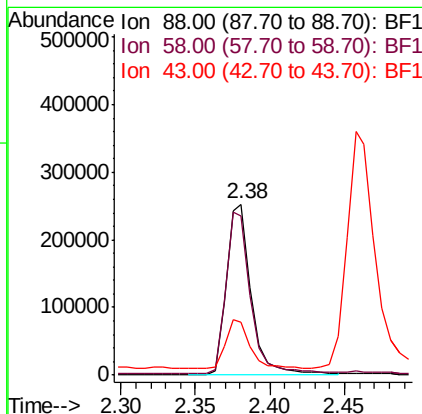
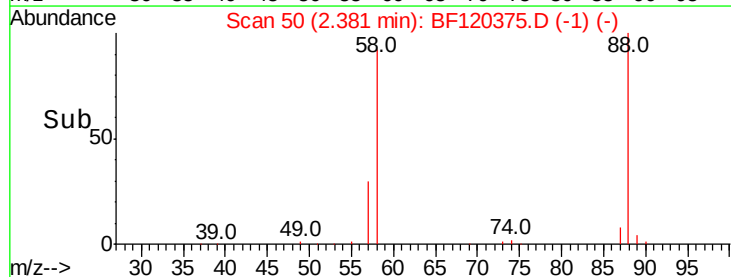


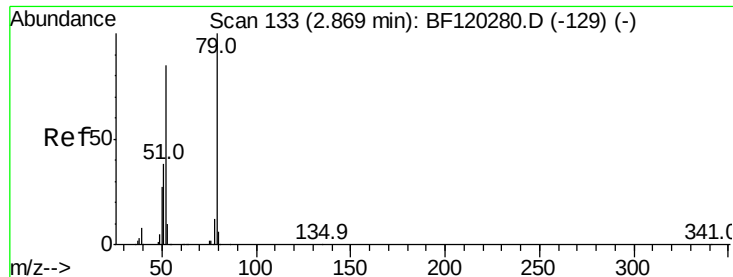
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 29.046 ng

RT: 3.03 min Scan# 160

Delta R.T. 0.20 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_M

ClientSampleId :

HD-02-051920MS

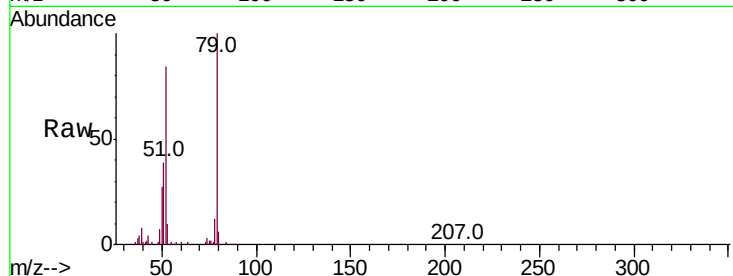
Tot Ion: 79 Resp: 542554

Ion Ratio Lower Upper

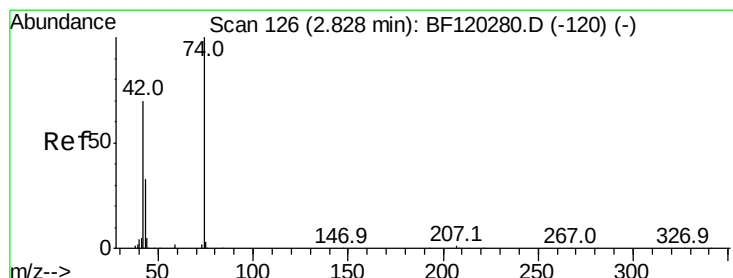
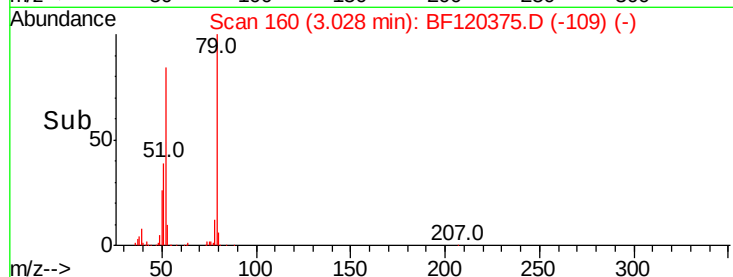
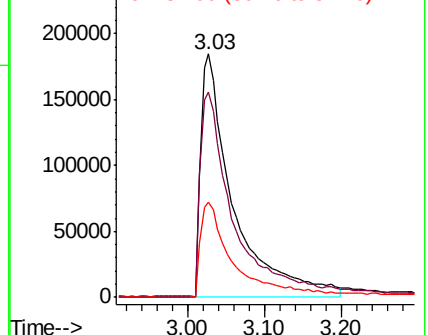
79 100

52 84.0 68.4 102.6

51 39.1 31.0 46.4



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: 45.118 ng

RT: 2.93 min Scan# 144

Delta R.T. 0.15 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

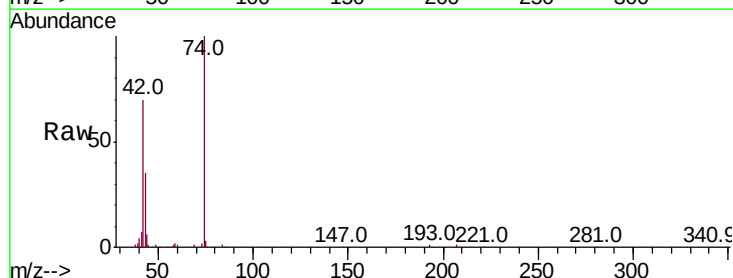
Tgt Ion: 42 Resp: 329990

Ion Ratio Lower Upper

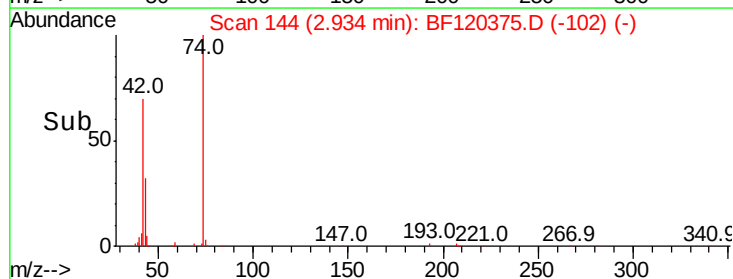
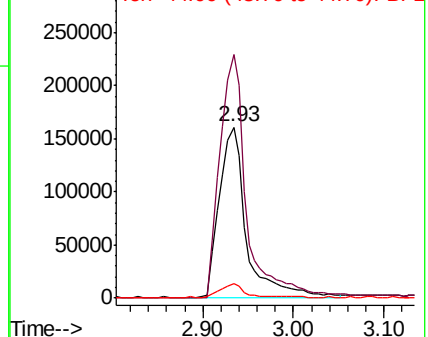
42 100

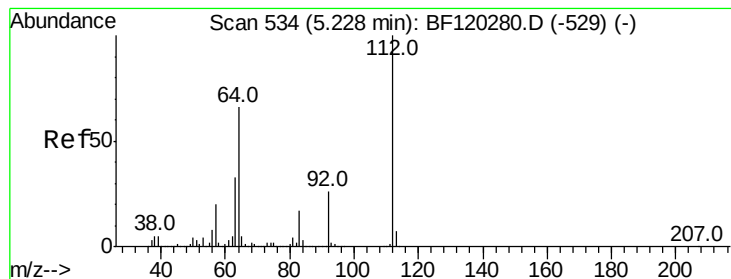
74 142.6 114.8 172.2

44 8.2 5.6 8.4



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: 146.683 ng

RT: 5.22 min Scan# 533

Delta R.T. 0.03 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_M

ClientSampleId :

HD-02-051920MS

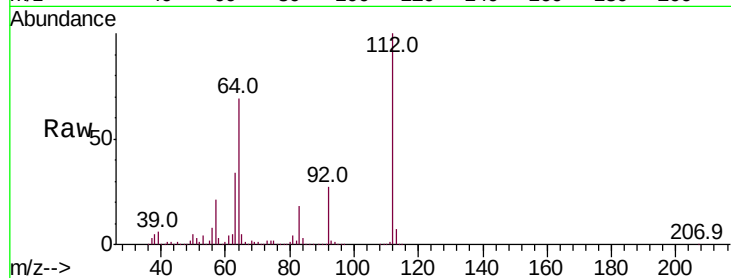
Tot Ion:112 Resp: 2191131

Ion Ratio Lower Upper

112 100

64 69.2 52.7 79.1

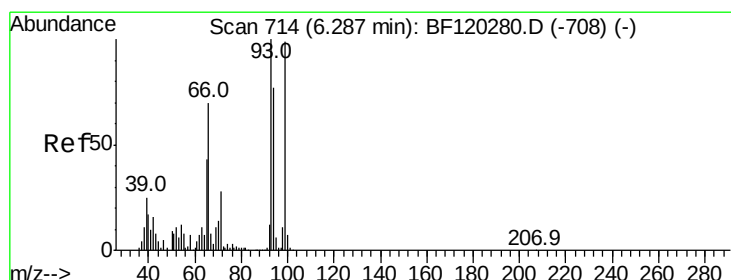
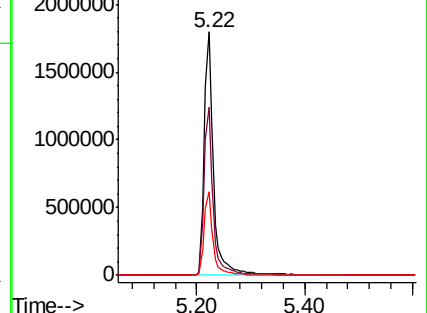
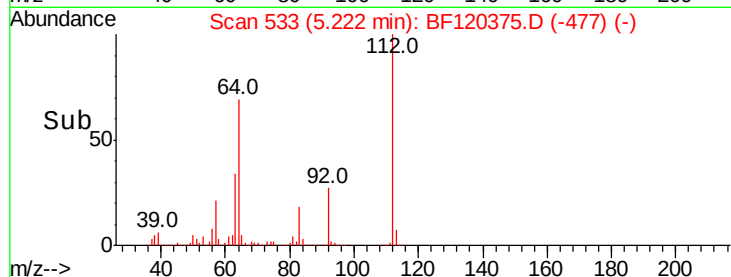
63 34.5 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 7.650 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

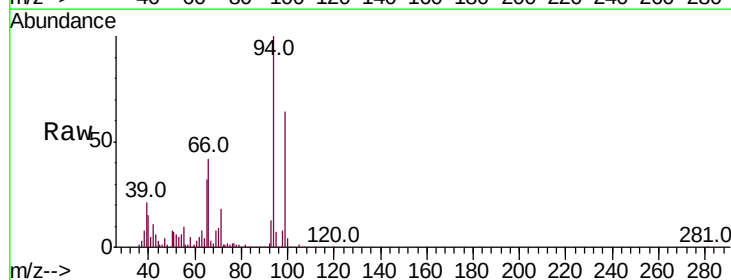
Tgt Ion: 93 Resp: 184816

Ion Ratio Lower Upper

93 100

66 327.8 56.2 84.4#

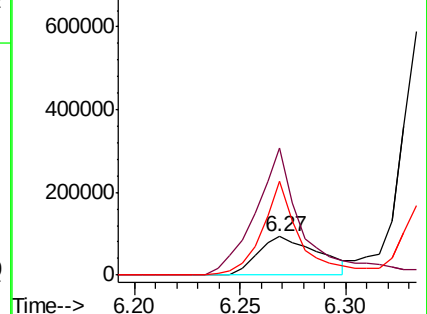
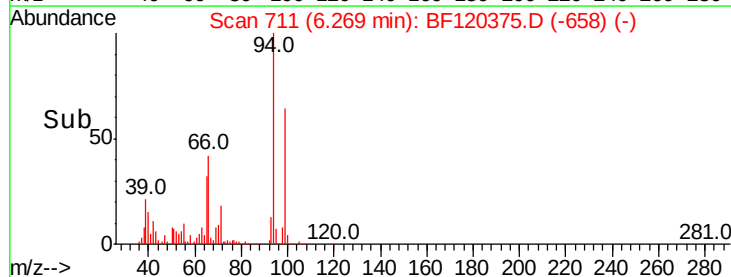
65 244.0 34.2 51.2#

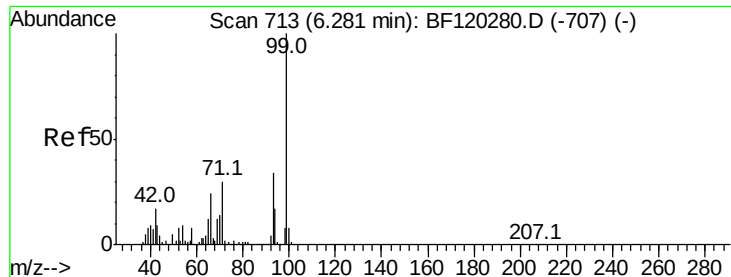


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 134.103 ng

RT: 6.26 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

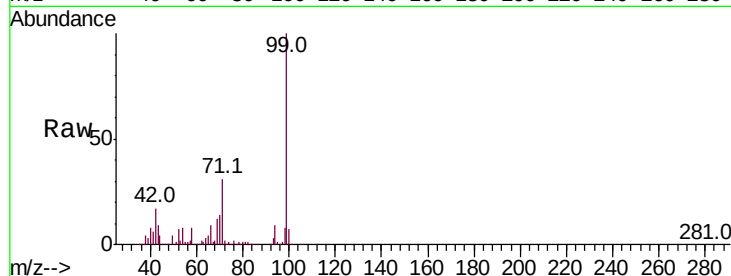
BNA_M

ClientSampleId :

HD-02-051920MS

Tot Ion: 99 Resp: 2533246

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.6	20.4
71	31.0	24.2	36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

6.26

1500000

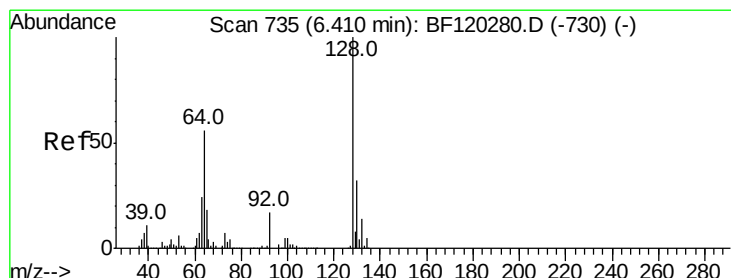
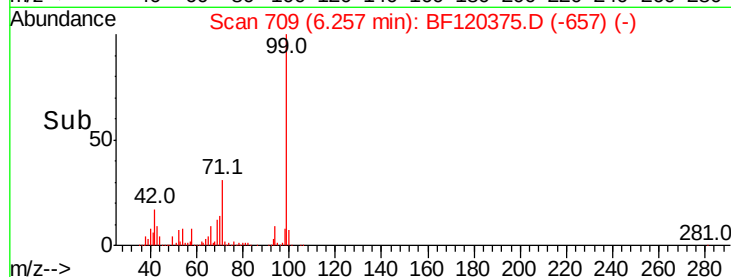
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500000

0

Time-->

6.20 6.30 6.40



#8

2-Chlorophenol

Concen: 43.223 ng

RT: 6.38 min Scan# 730

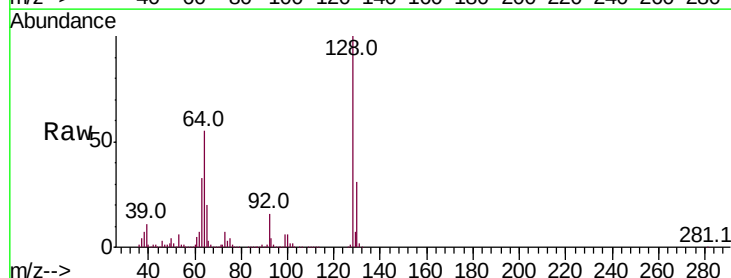
Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Tgt Ion: 128 Resp: 752825

Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.4	52.4
64	55.3	36.7	76.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

6.38

800000

600000

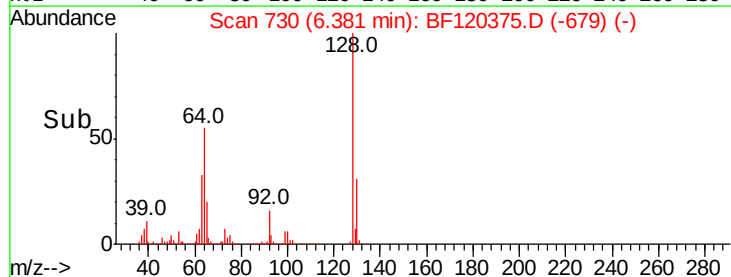
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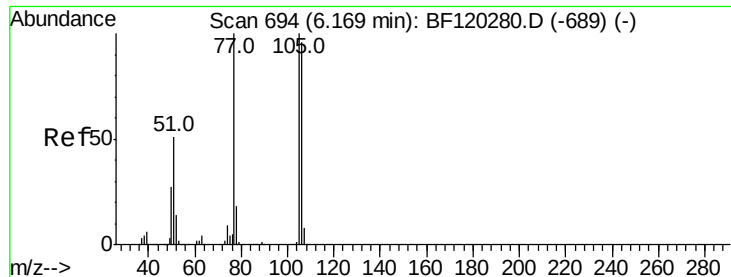
200000

0

Time-->

6.30 6.40 6.50





#9

Benzaldehyde

Concen: 39.123 ng

RT: 6.14 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_M

ClientSampleId :

HD-02-051920MS

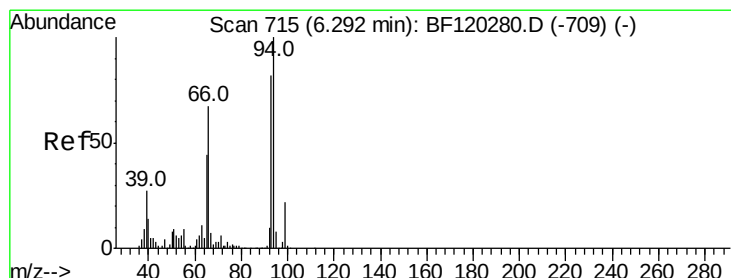
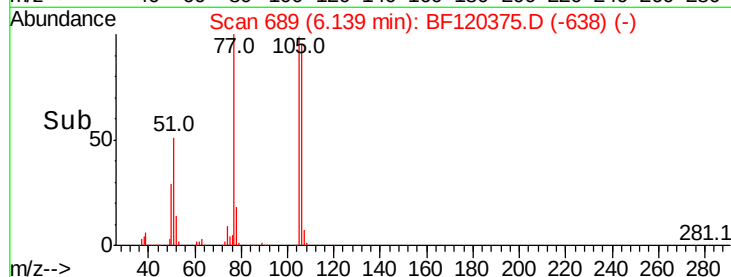
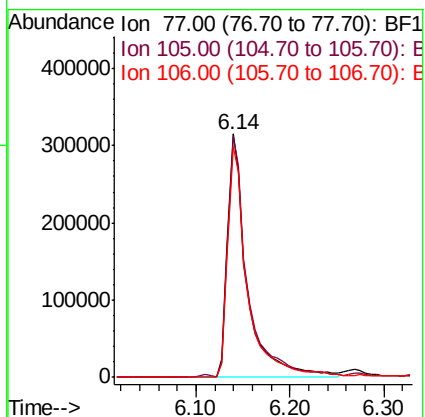
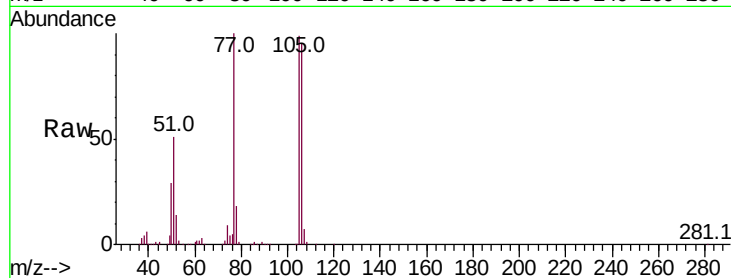
Tot Ion: 77 Resp: 455599

Ion Ratio Lower Upper

77 100

105 99.2 79.9 119.9

106 94.9 75.7 115.7



#10

Phenol

Concen: 35.461 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

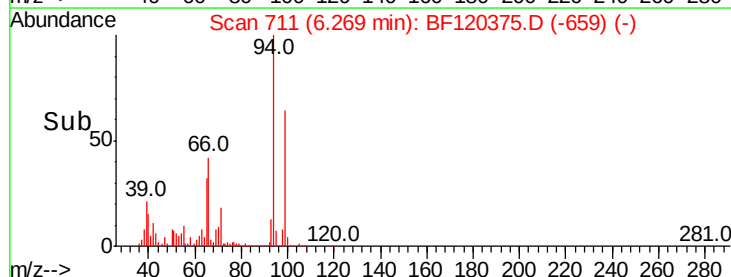
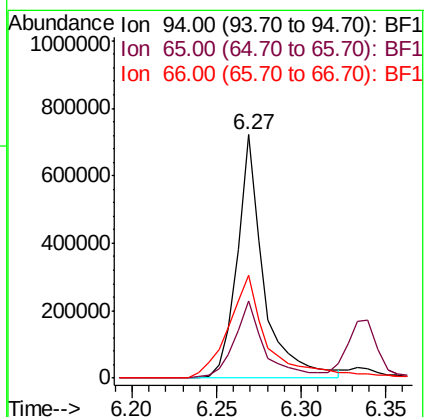
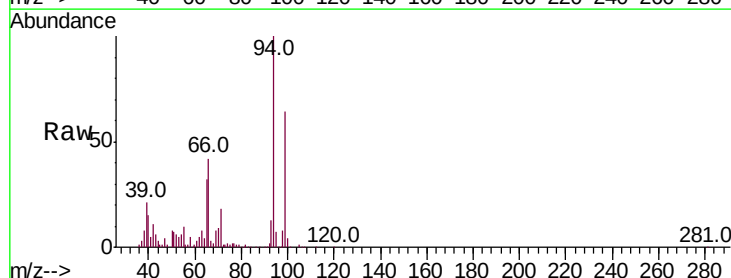
Tgt Ion: 94 Resp: 781958

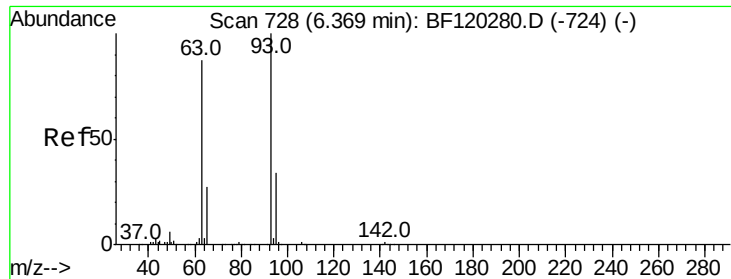
Ion Ratio Lower Upper

94 100

65 31.6 24.1 64.1

66 42.5 47.5 87.5#

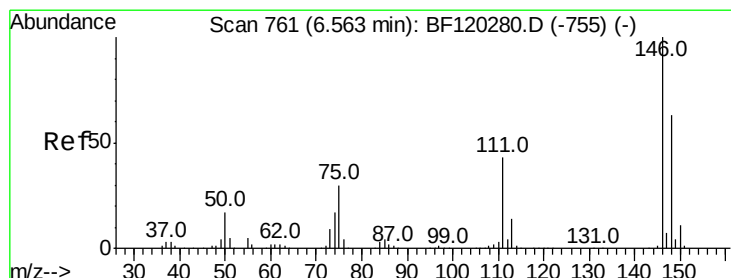
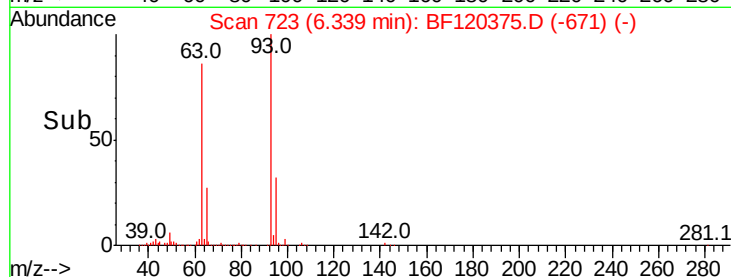
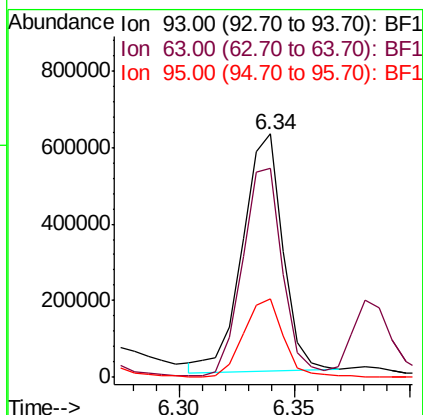
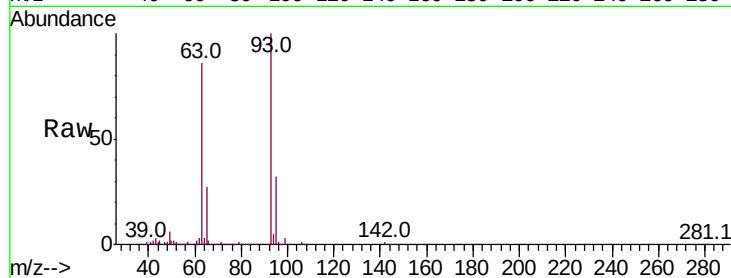




#11
bis(2-Chloroethyl)ether
Concen: 42.844 ng
RT: 6.34 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

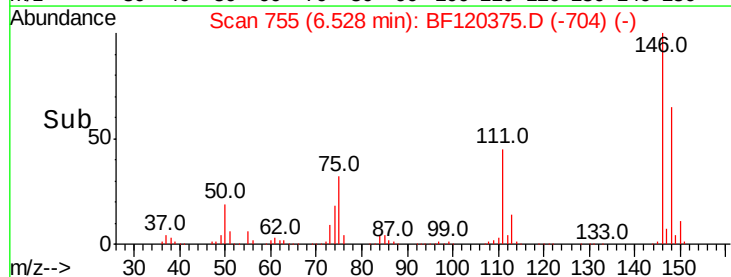
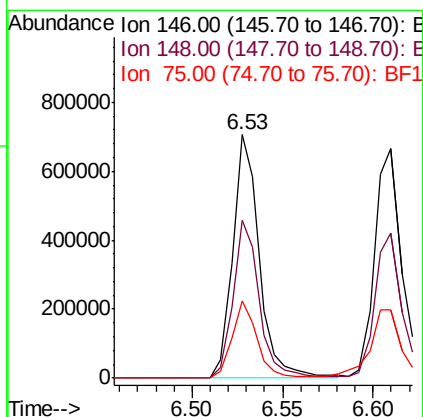
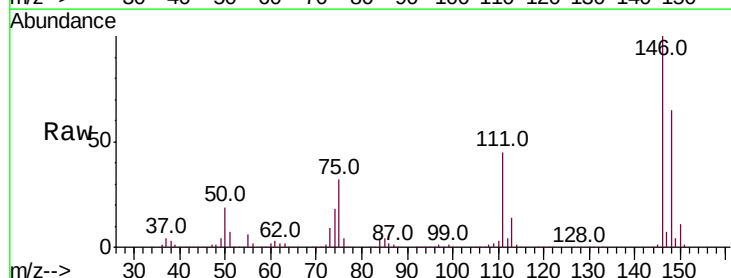
Instrument :
BNA_M
ClientSampleId :
HD-02-051920MS

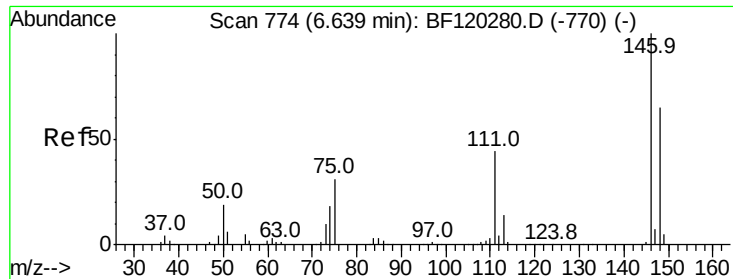
Tot Ion: 93 Resp: 754680
Ion Ratio Lower Upper
93 100
63 85.9 65.4 105.4
95 32.5 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 38.630 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion: 146 Resp: 719961
Ion Ratio Lower Upper
146 100
148 64.7 50.5 75.7
75 31.7 24.2 36.4

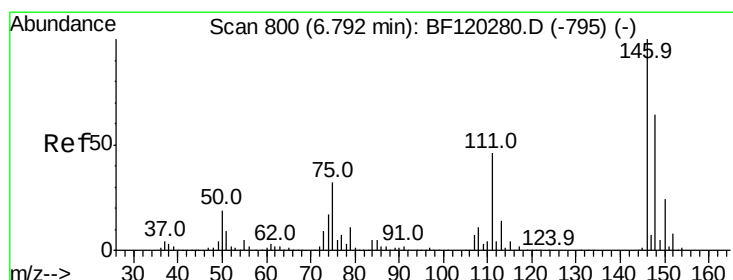
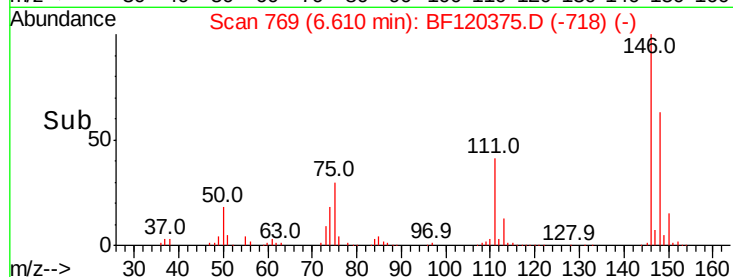
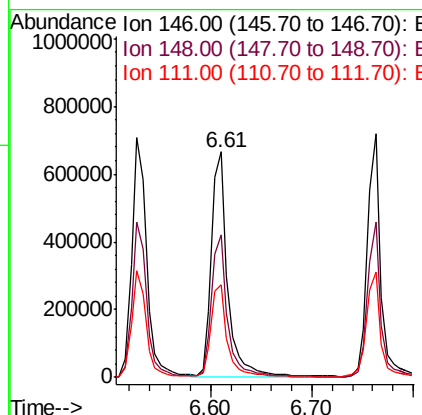
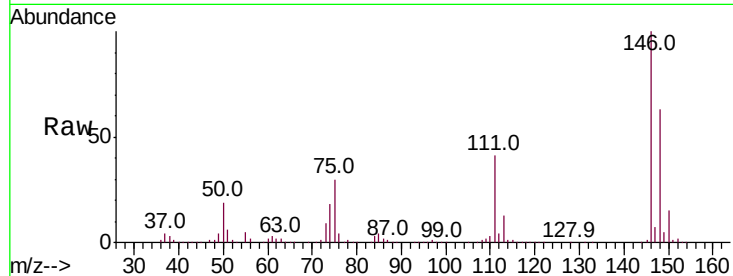




#13
 1,4-Dichlorobenzene
 Concen: 39.297 ng
 RT: 6.61 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

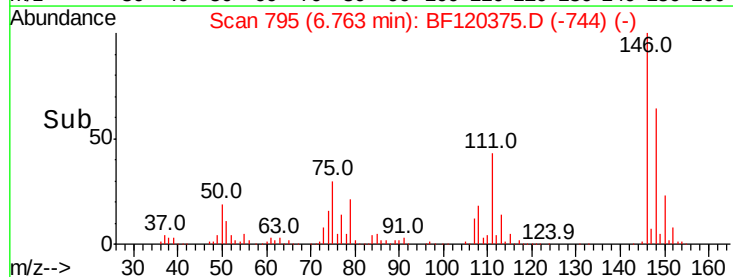
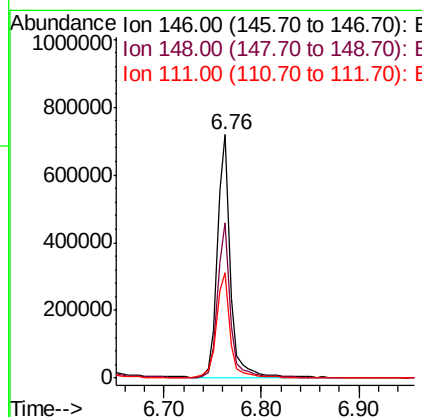
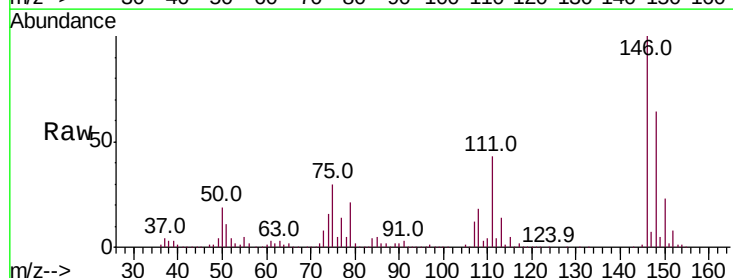
Instrument :
 BNA_M
 ClientSampleId :
 HD-02-051920MS

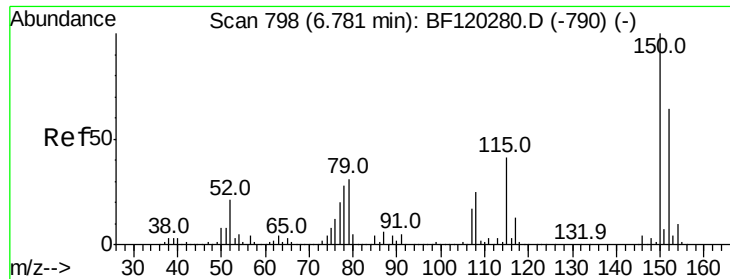
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.6	77.4
111	41.0	35.1	52.7



#14
 1,2-Dichlorobenzene
 Concen: 38.300 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
111	43.2	36.6	55.0

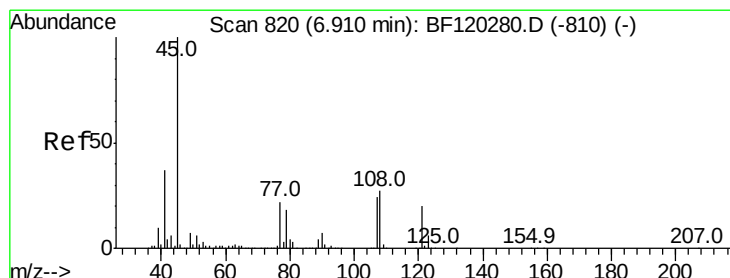
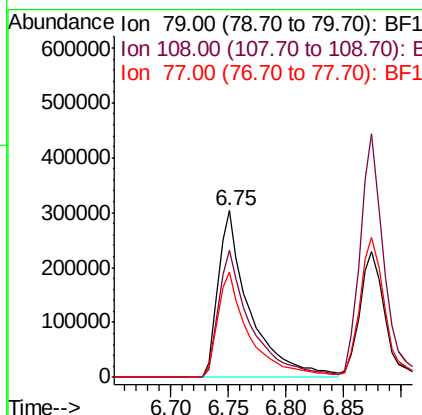
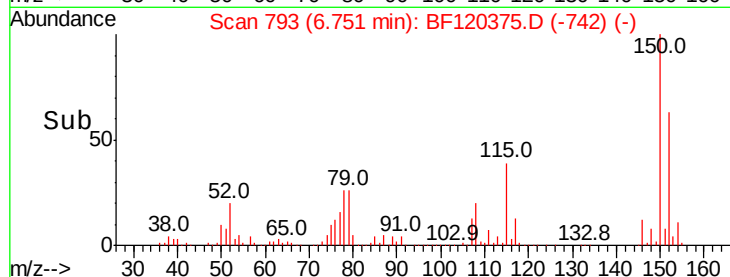
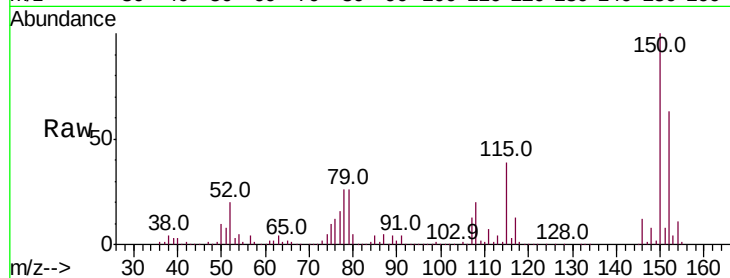




#15
Benzyl Alcohol
Concen: 42.564 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

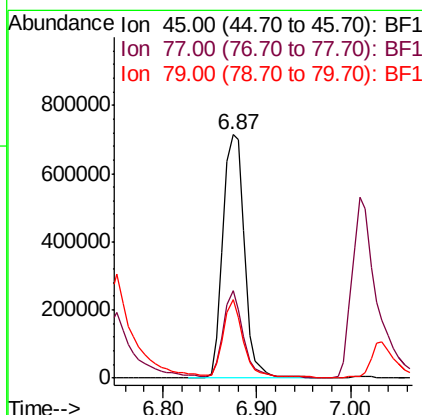
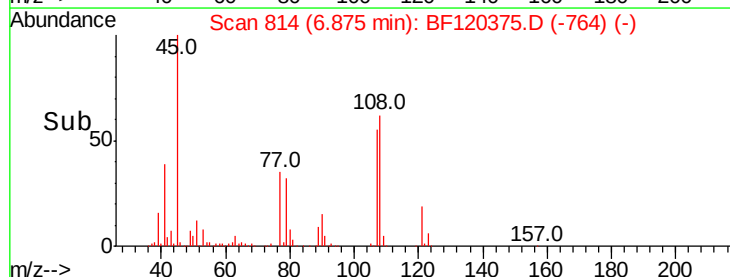
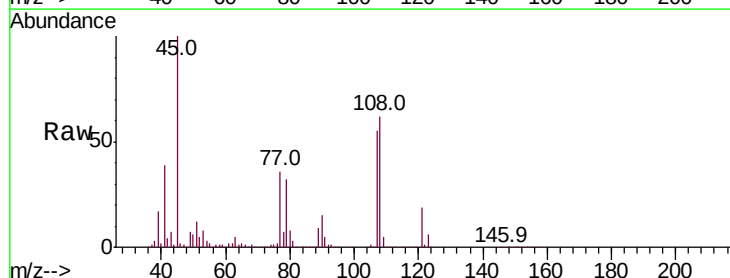
Instrument :
BNA_M
ClientSampleId :
HD-02-051920MS

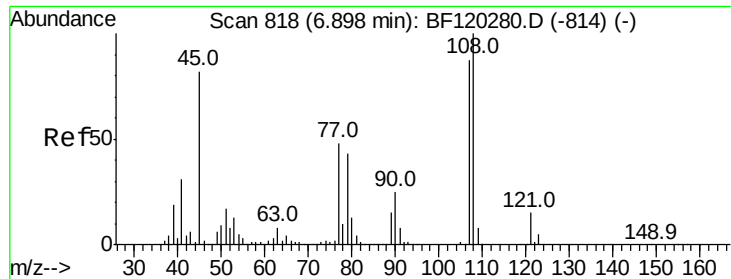
Tot Ion: 79 Resp: 571218
Ion Ratio Lower Upper
79 100
108 76.4 64.2 96.4
77 63.5 51.6 77.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.231 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion: 45 Resp: 1144553
Ion Ratio Lower Upper
45 100
77 35.7 3.1 43.1
79 32.1 0.0 40.0

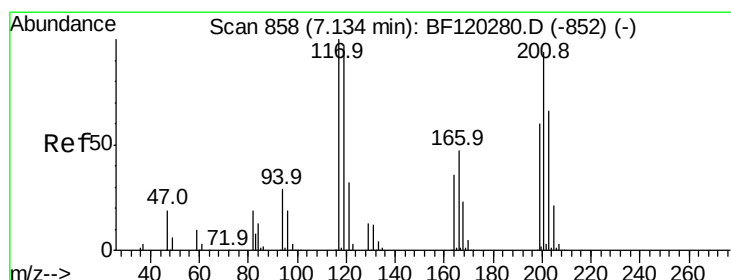
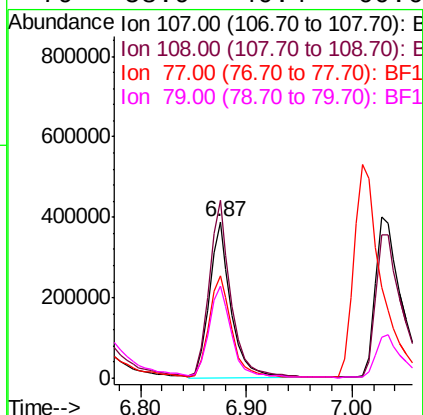
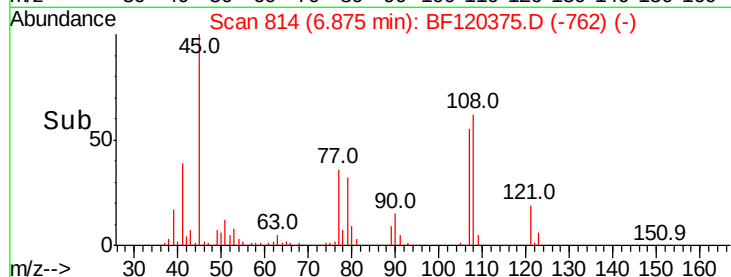
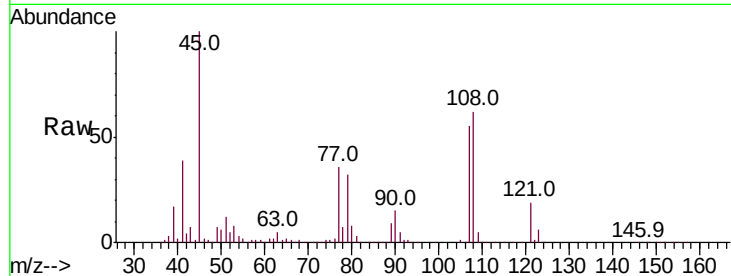




#17
2-Methylphenol
Concen: 37.757 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

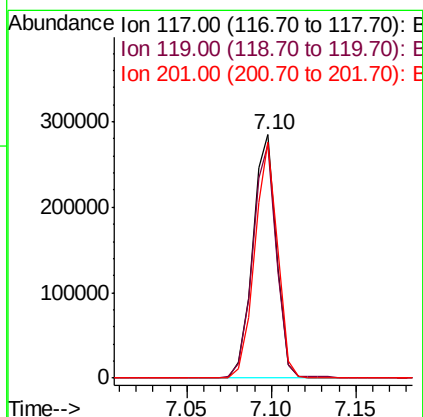
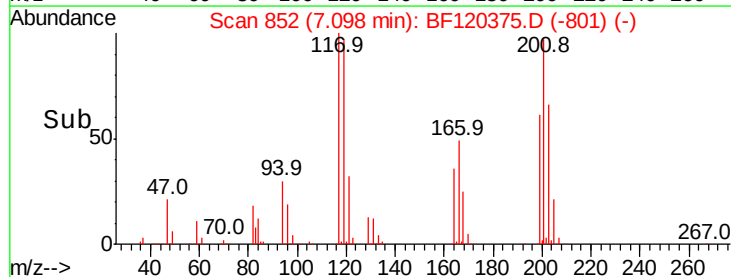
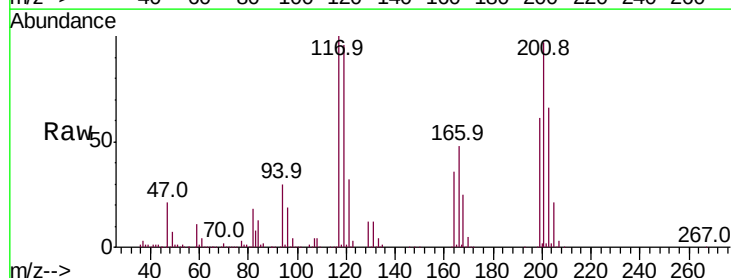
Instrument :
BNA_M
ClientSampleId :
HD-02-051920MS

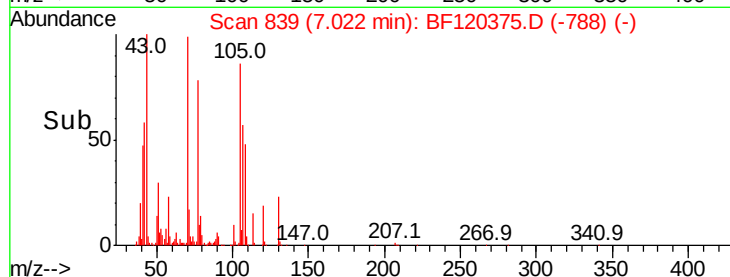
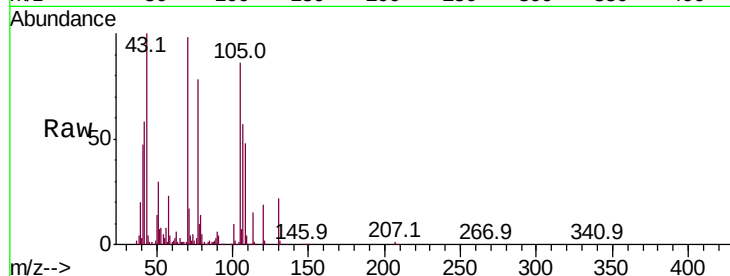
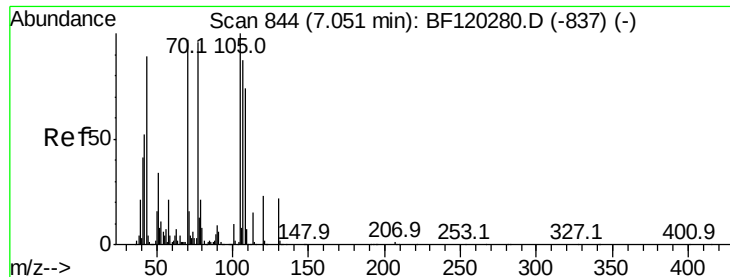
Tot Ion:107 Resp: 555146
Ion Ratio Lower Upper
107 100
108 113.9 92.4 138.6
77 65.5 44.5 66.7
79 58.9 40.4 60.6



#18
Hexachloroethane
Concen: 38.181 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion:117 Resp: 279200
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.0
201 96.8 74.9 112.3

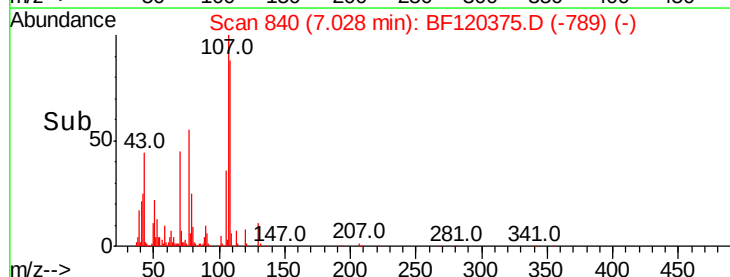
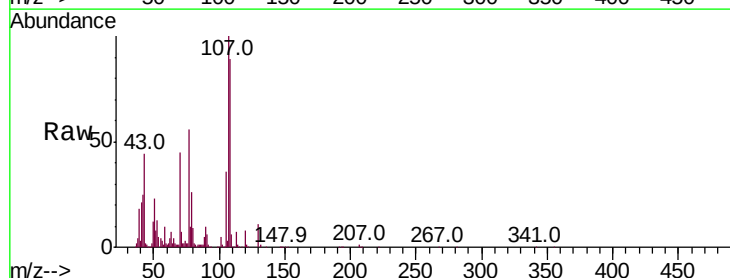
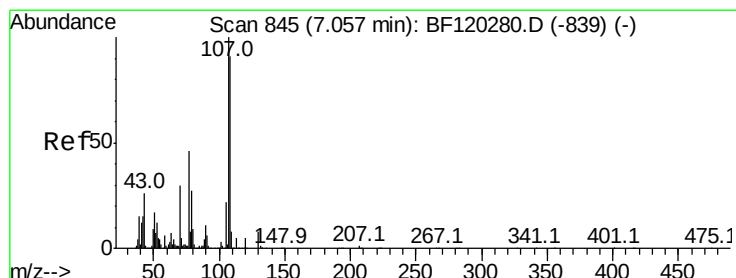
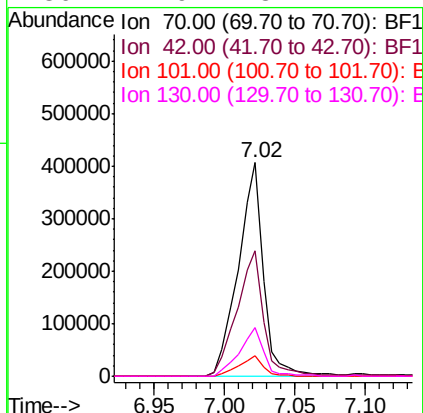




#19
n-Nitroso-di-n-propylamine
Concen: 40.924 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

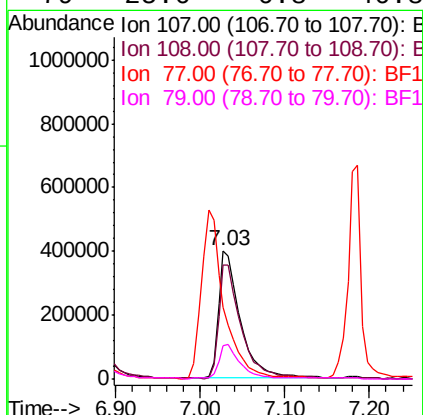
Instrument :
BNA_M
ClientSampleId :
HD-02-051920MS

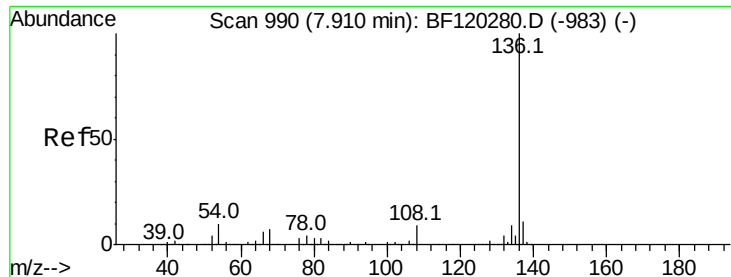
Tot Ion:	70	Resp:	506456
Ion	Ratio	Lower	Upper
70	100		
42	58.9	43.4	65.0
101	9.7	7.8	11.8
130	22.9	18.2	27.4



#20
3+4-Methylphenols
Concen: 37.725 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion:	107	Resp:	721171
Ion	Ratio	Lower	Upper
107	100		
108	88.5	71.1	111.1
77	55.8	28.1	68.1
79	25.6	6.8	46.8

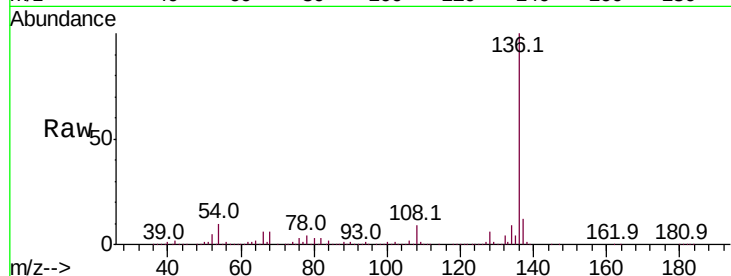




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Instrument :
BNA_M
ClientSampleId :
HD-02-051920MS

Tot Ion:	136	Resp:	1190150
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	10.4	7.9	11.9
68	6.5	5.4	8.2



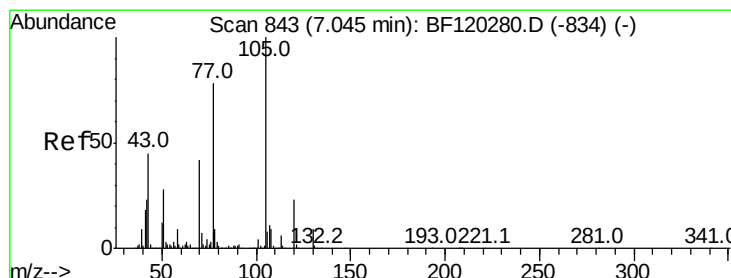
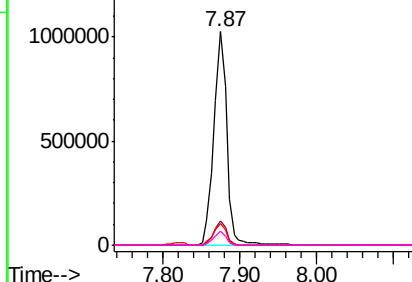
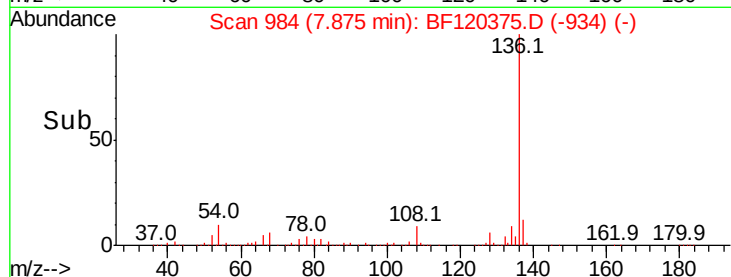
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

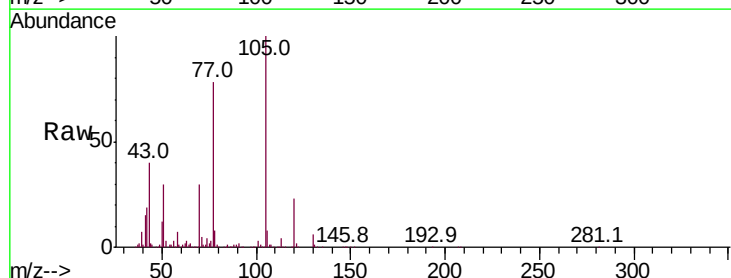
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 41.722 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion:	105	Resp:	1017243
Ion	Ratio	Lower	Upper
105	100		
71	4.9	5.6	8.4#
51	29.8	22.6	34.0
120	22.6	18.7	28.1



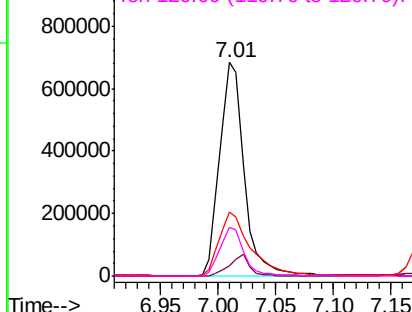
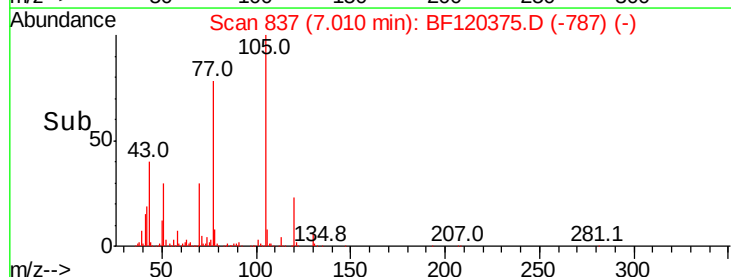
Abundance

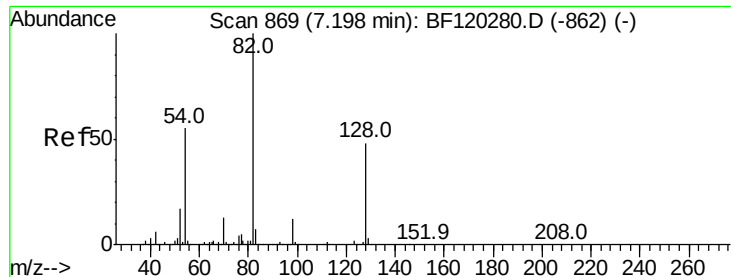
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

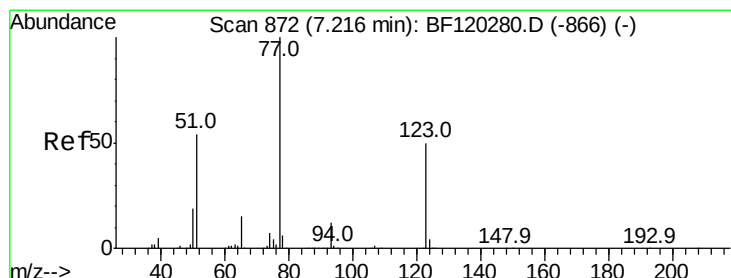
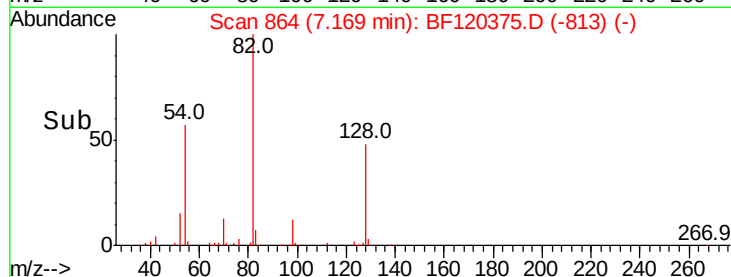
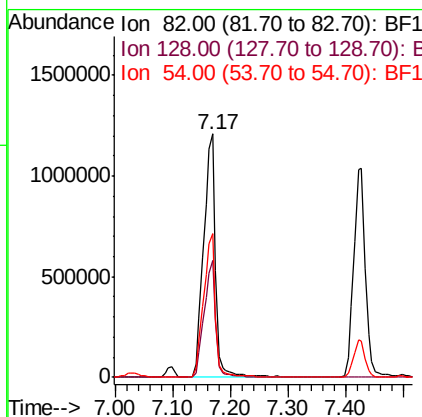
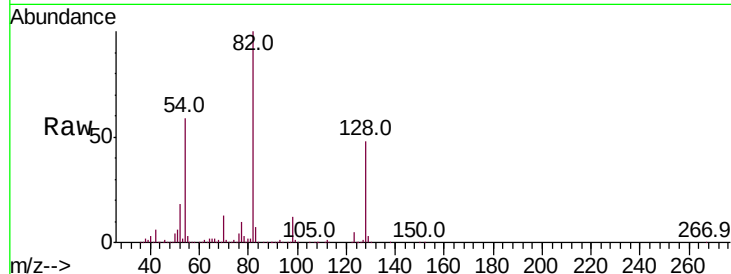




#23
 Nitrobenzene-d5
 Concen: 103.291 ng
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

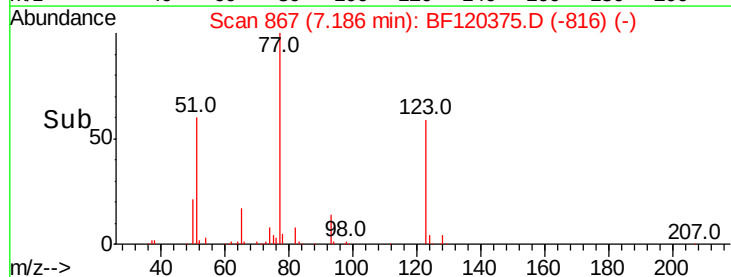
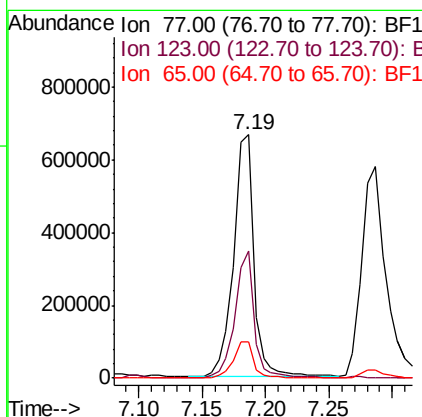
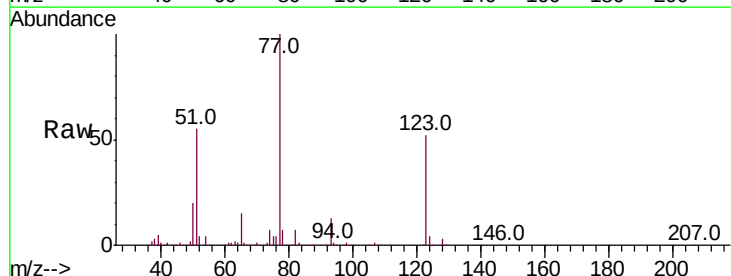
Instrument :
 BNA_M
 ClientSampleId :
 HD-02-051920MS

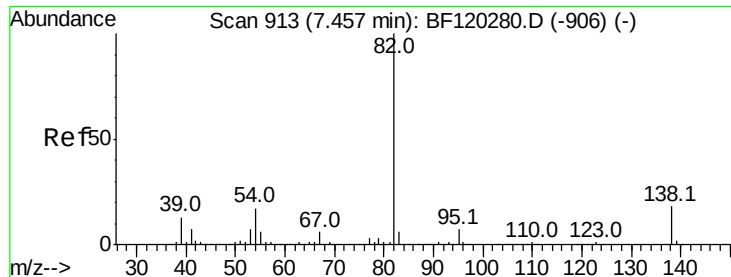
Tot Ion: 82 Resp: 1795510
 Ion Ratio Lower Upper
 82 100
 128 47.9 38.3 57.5
 54 59.0 43.9 65.9



#24
 Nitrobenzene
 Concen: 39.470 ng
 RT: 7.19 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Tgt Ion: 77 Resp: 738402
 Ion Ratio Lower Upper
 77 100
 123 52.4 40.0 60.0
 65 14.9 11.7 17.5





#25

Isophorone

Concen: 40.168 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_M

ClientSampleId :

HD-02-051920MS

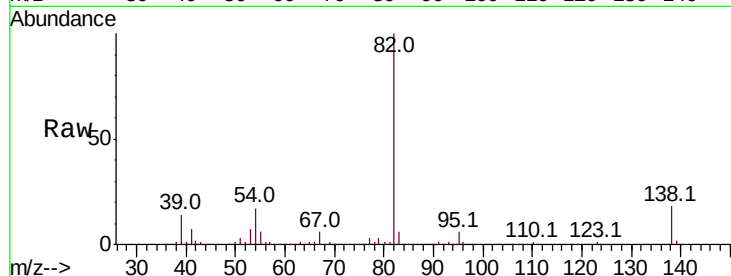
Tot Ion: 82 Resp: 1452803

Ion Ratio Lower Upper

82 100

95 6.4 5.4 8.0

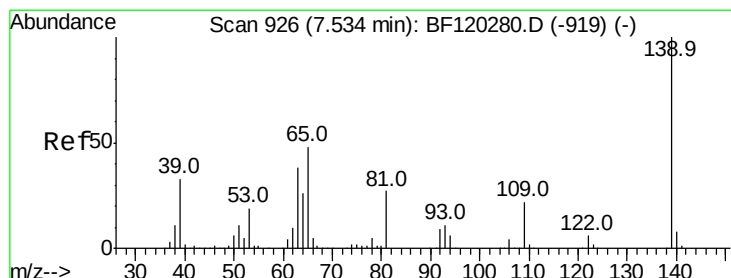
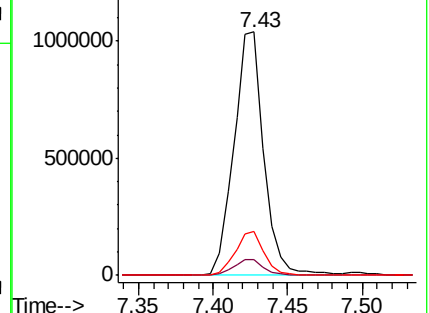
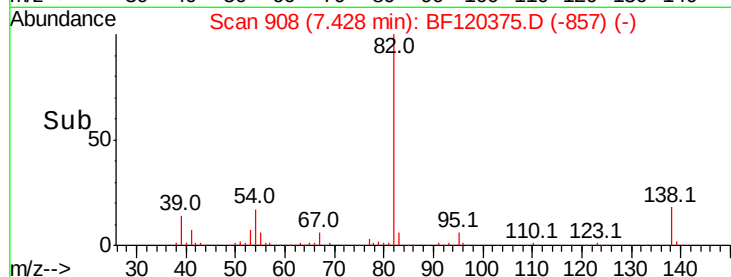
138 18.2 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.527 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

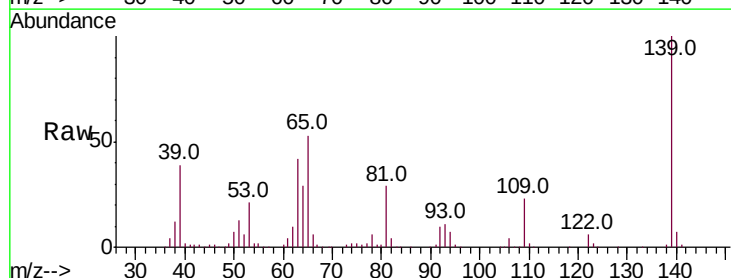
Tgt Ion: 139 Resp: 406307

Ion Ratio Lower Upper

139 100

109 23.4 17.7 26.5

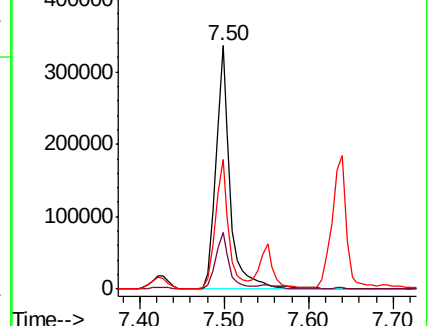
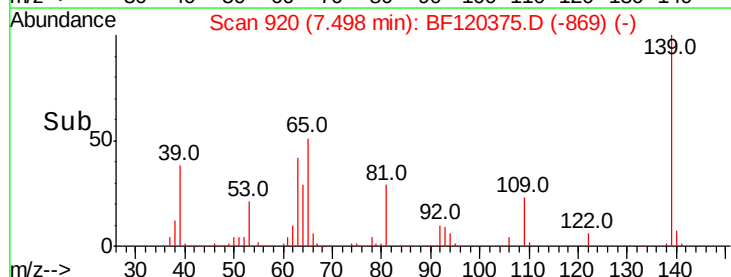
65 53.3 38.3 57.5

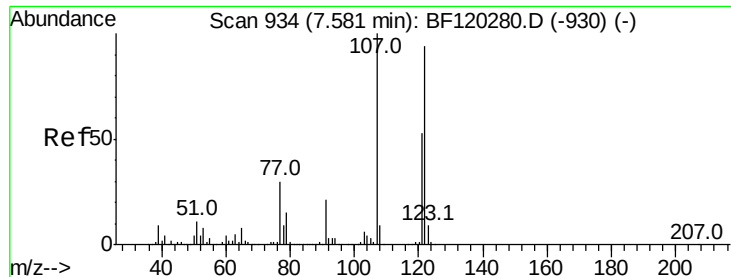


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

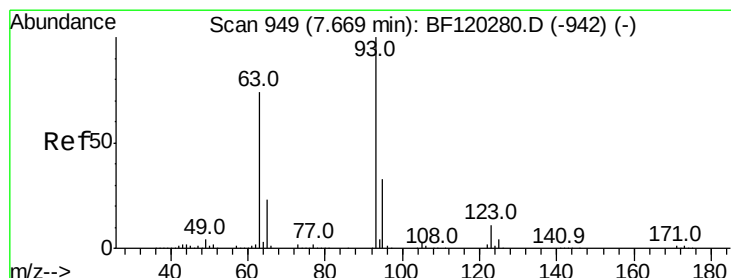
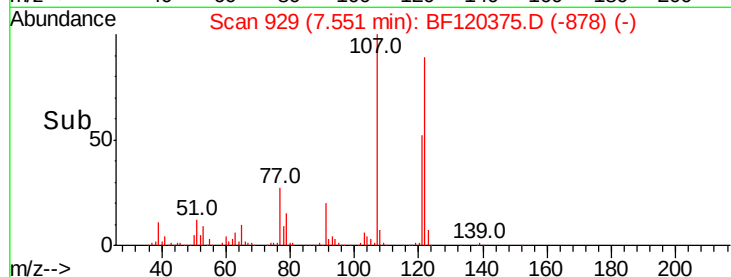
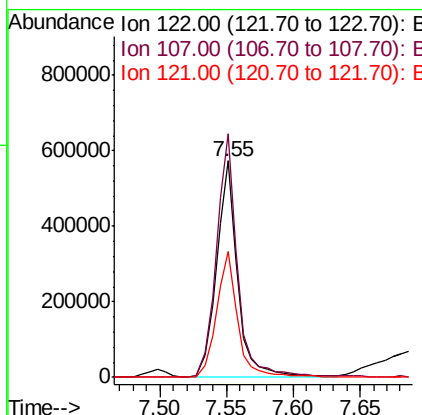
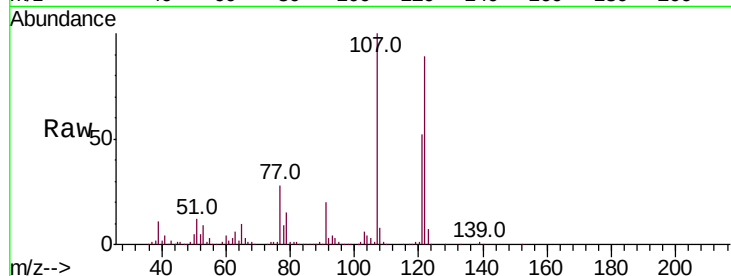




#27
2,4-Dimethylphenol
Concen: 44.329 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

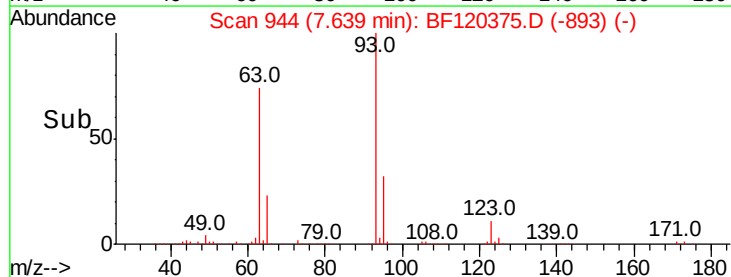
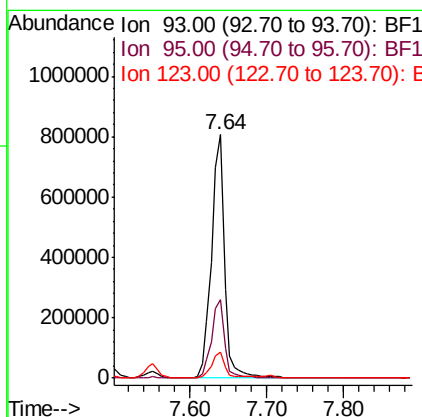
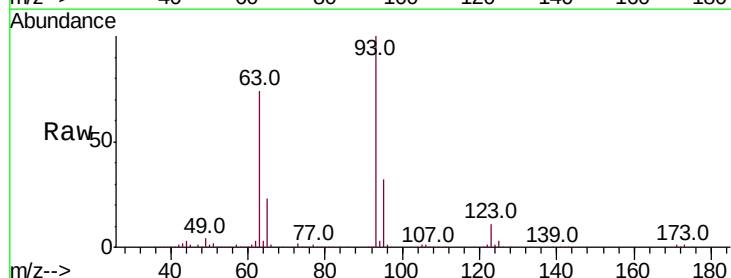
Instrument :
BNA_M
ClientSampleId :
HD-02-051920MS

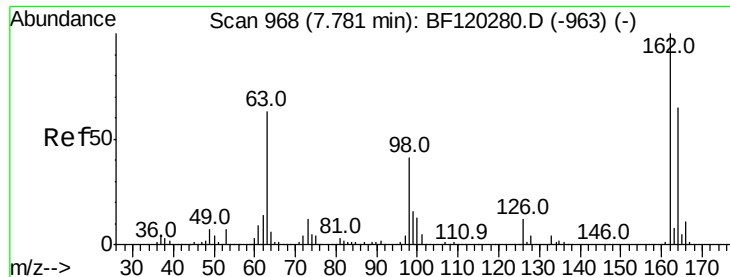
Tot Ion:122 Resp: 630917
Ion Ratio Lower Upper
122 100
107 112.4 85.0 127.6
121 58.2 45.1 67.7



#28
bis(2-Chloroethoxy)methane
Concen: 40.965 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion: 93 Resp: 931283
Ion Ratio Lower Upper
93 100
95 32.3 26.8 40.2
123 10.9 9.2 13.8

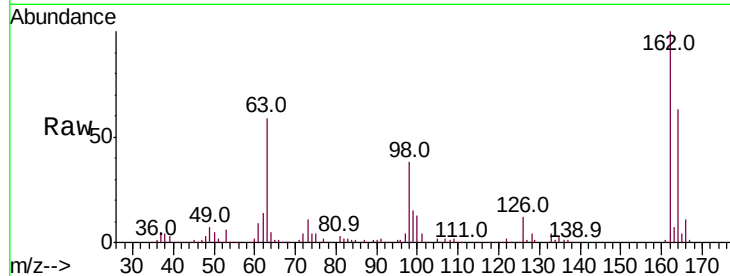




#29
 2,4-Dichlorophenol
 Concen: 40.378 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-051920MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.9	84.9
98	37.5	20.7	60.7

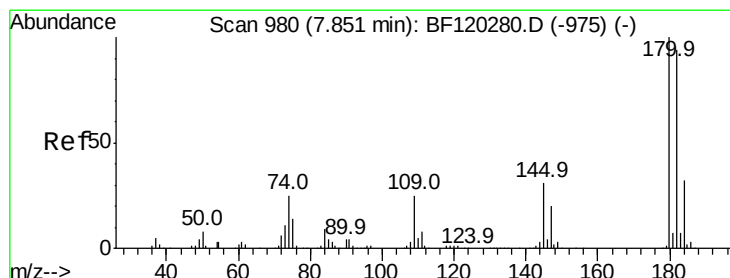
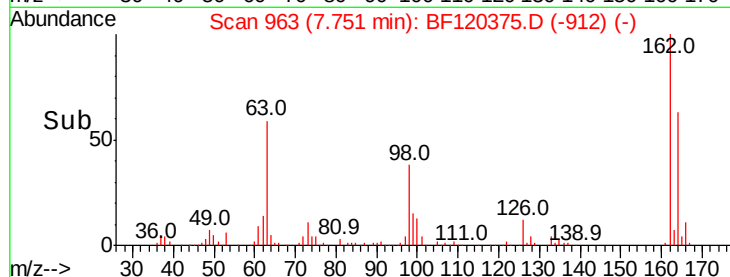
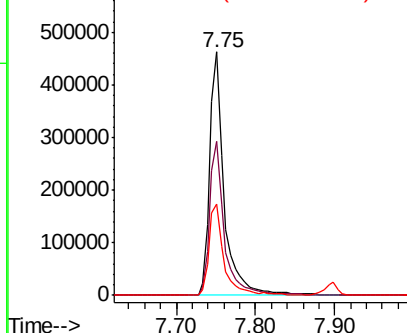


Abundance

Ion 162.00 (161.70 to 162.70): E

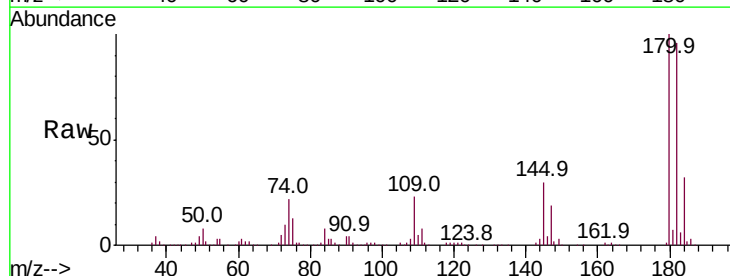
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.860 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.3	112.9
145	29.8	24.9	37.3

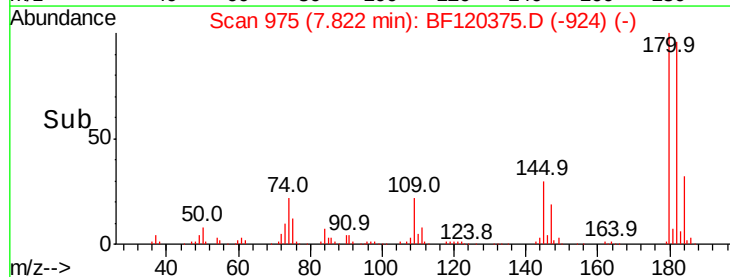
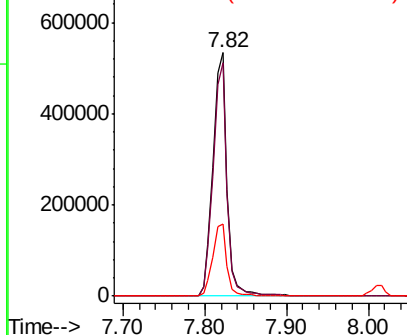


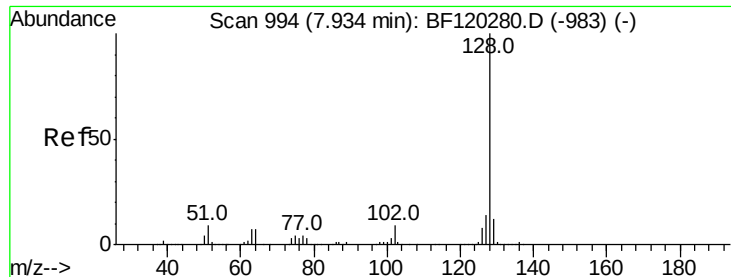
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.654 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_M

ClientSampleId :

HD-02-051920MS

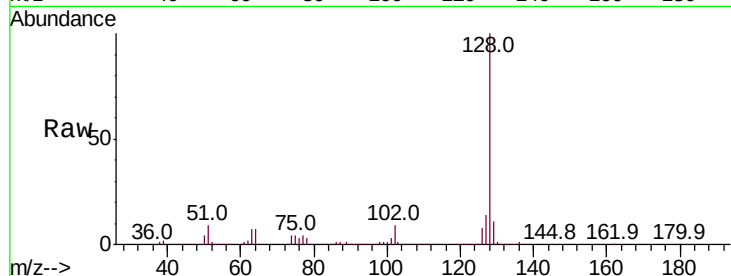
Tot Ion:128 Resp: 2142522

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

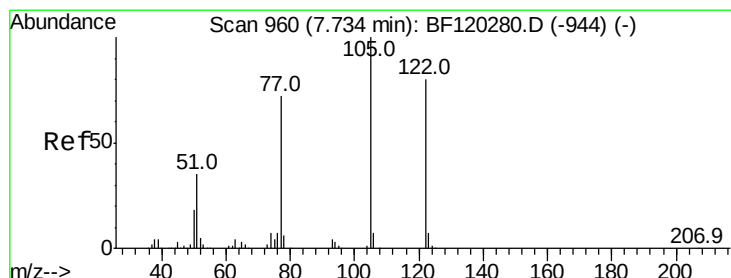
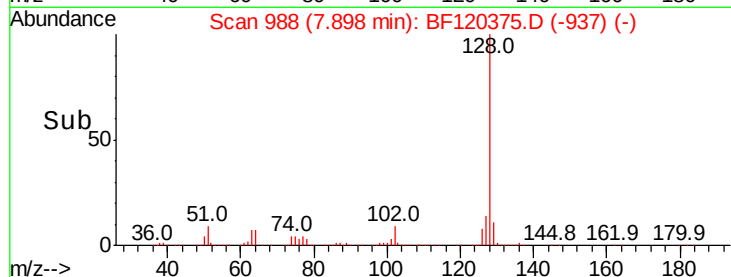
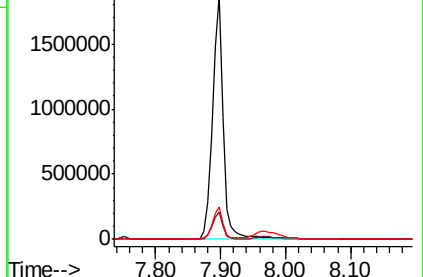
127 13.5 11.2 16.8



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: 27.917 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

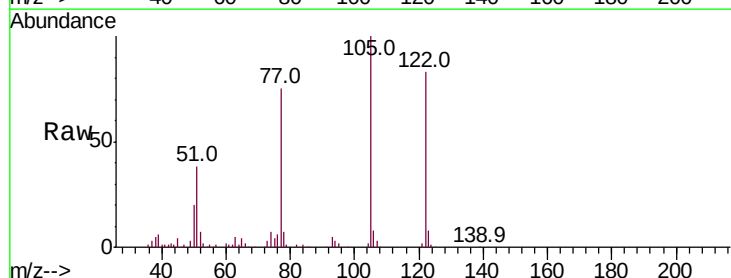
Tgt Ion:122 Resp: 260446

Ion Ratio Lower Upper

122 100

105 120.9 98.1 138.1

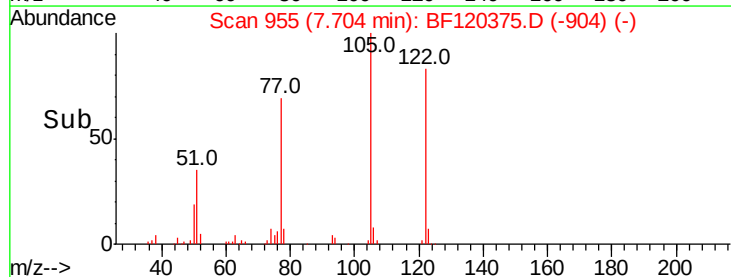
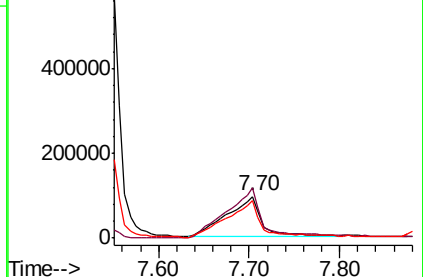
77 90.1 66.7 106.7

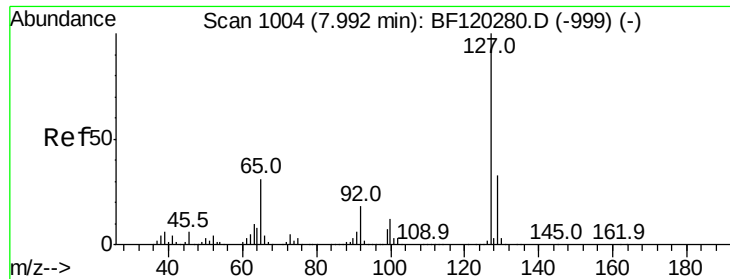


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

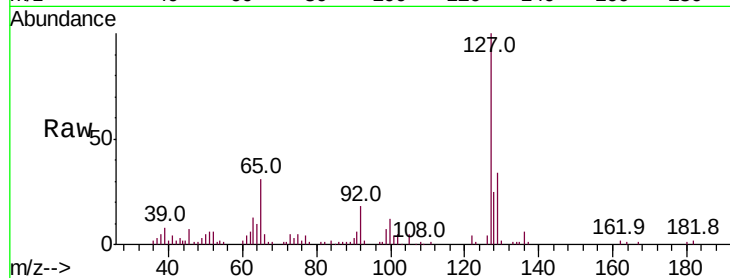




#33
4-Chloroaniline
Concen: 8.076 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Instrument :
BNA_M
ClientSampleId :
HD-02-051920MS

Tot Ion:	127	Resp:	184876
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.4	39.6
65	30.8	24.8	37.2
92	18.0	14.5	21.7



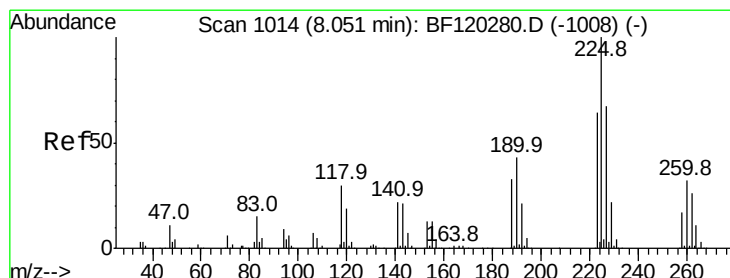
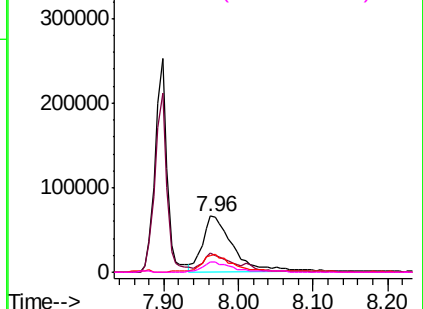
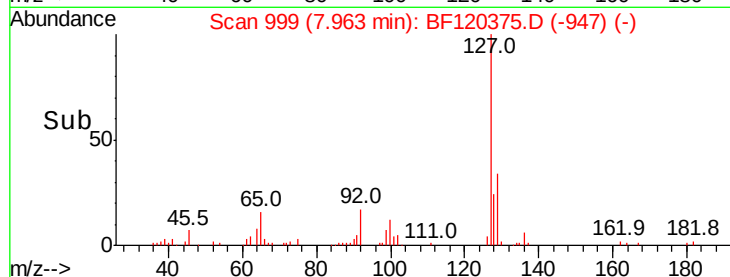
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

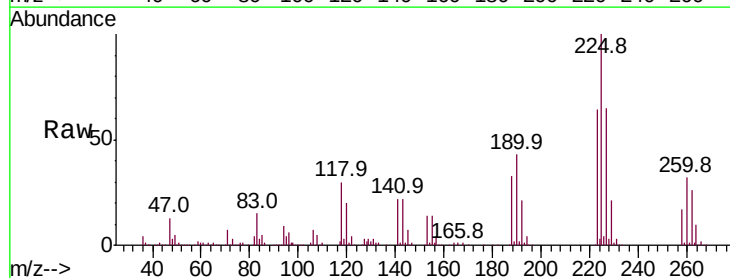
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 38.516 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion:	225	Resp:	360613
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.4	77.0
227	64.9	54.0	81.0

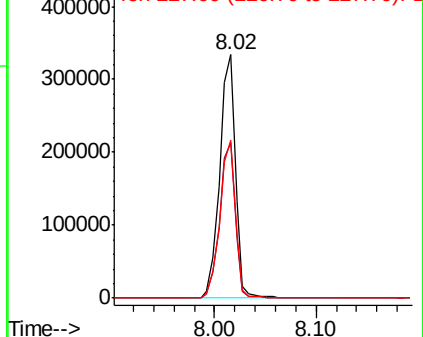
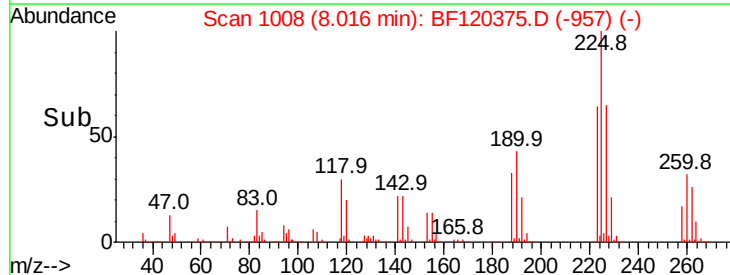


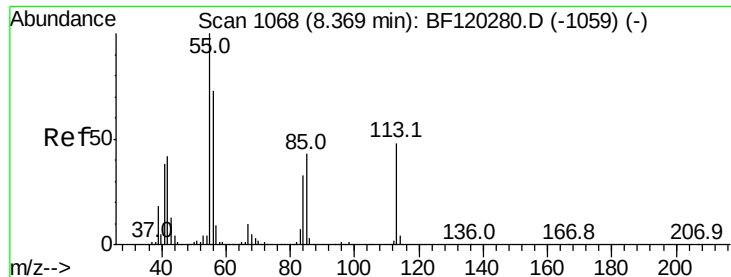
Abundance

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

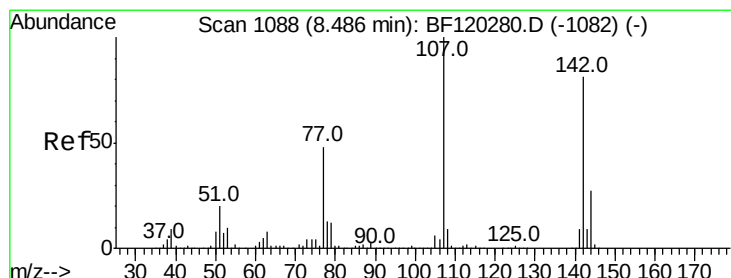
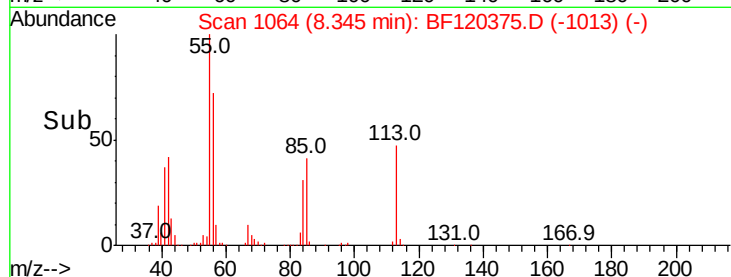
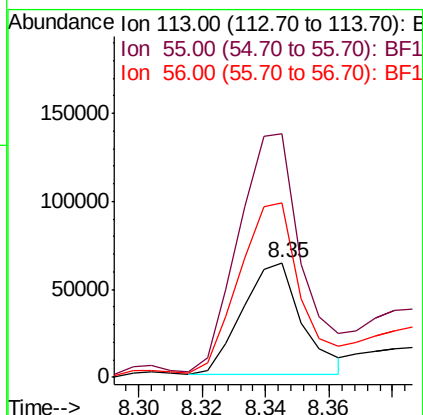
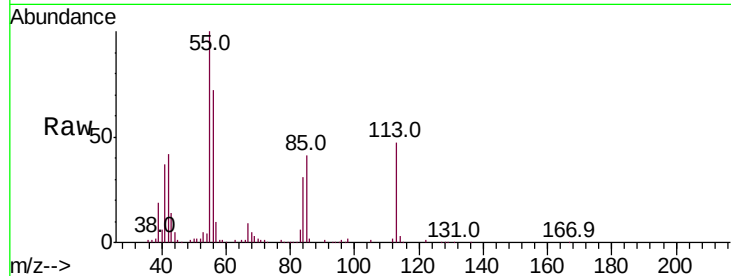




#35
 Caprolactam
 Concen: 17.502 ng
 RT: 8.35 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

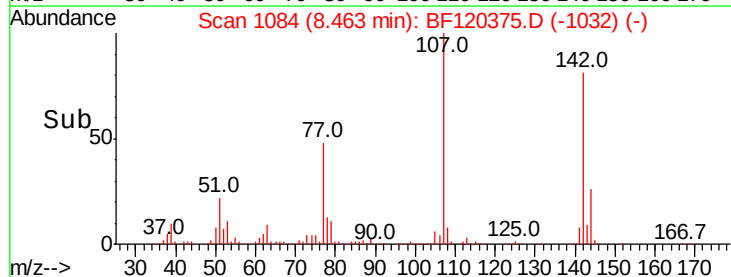
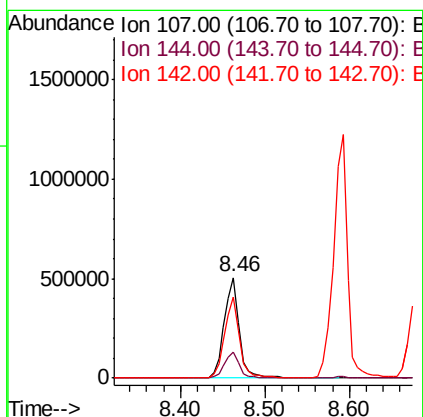
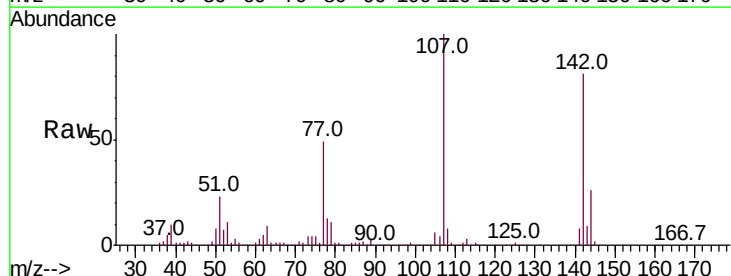
Instrument :
 BNA_M
 ClientSampleId :
 HD-02-051920MS

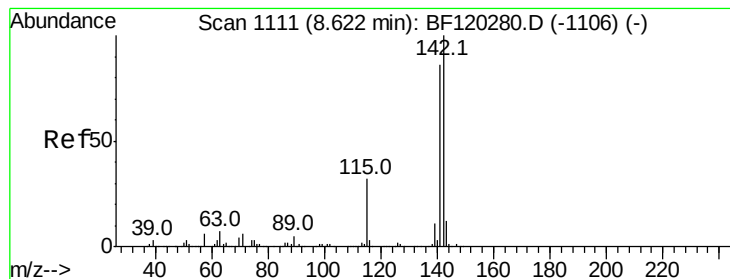
Tot Ion:113 Resp: 83699
 Ion Ratio Lower Upper
 113 100
 55 212.3 190.4 230.4
 56 152.2 132.7 172.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.106 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. 0.01 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Tgt Ion:107 Resp: 634202
 Ion Ratio Lower Upper
 107 100
 144 26.0 21.4 32.2
 142 81.0 65.1 97.7





#37

2-Methylnaphthalene

Concen: 40.462 ng

RT: 8.59 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_M

ClientSampleId :

HD-02-051920MS

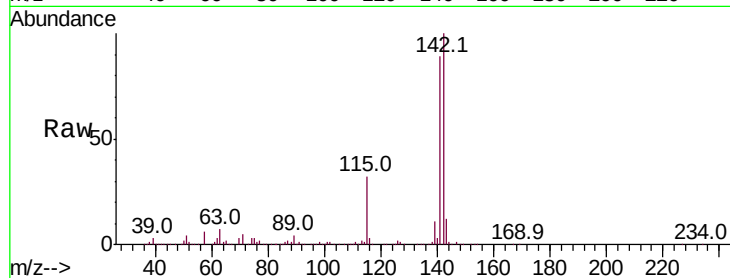
Tot Ion:142 Resp: 1390808

Ion Ratio Lower Upper

142 100

141 88.7 68.8 103.2

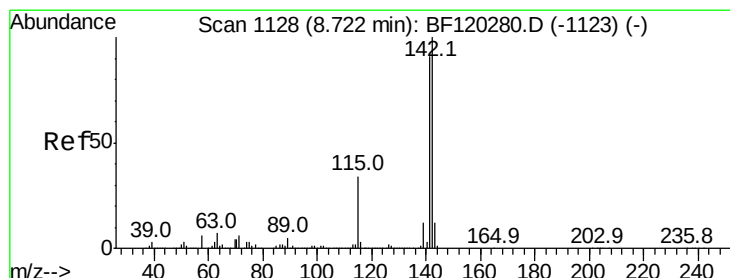
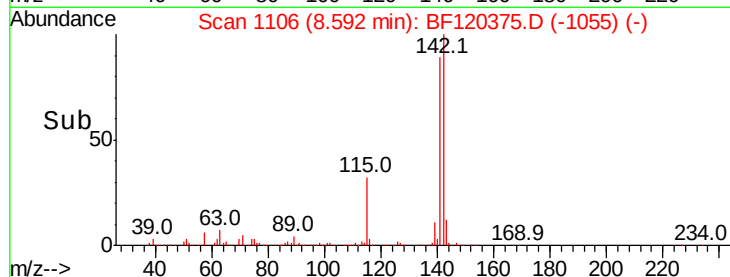
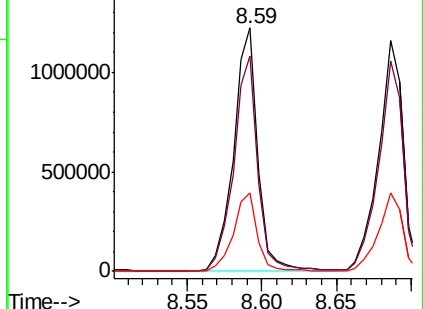
115 32.3 25.7 38.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.547 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

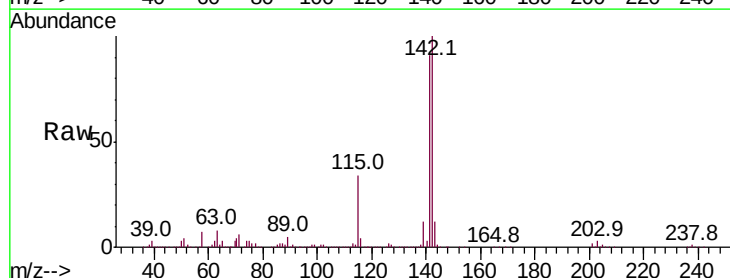
Tgt Ion:142 Resp: 1351776

Ion Ratio Lower Upper

142 100

141 91.1 73.0 109.6

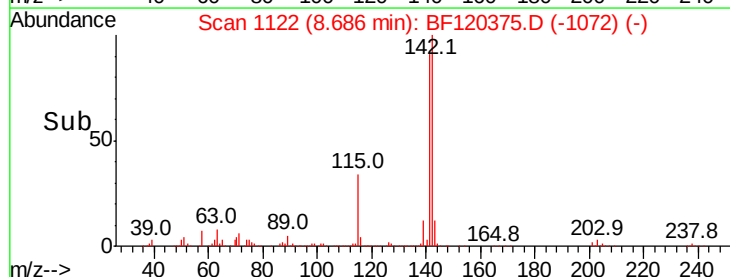
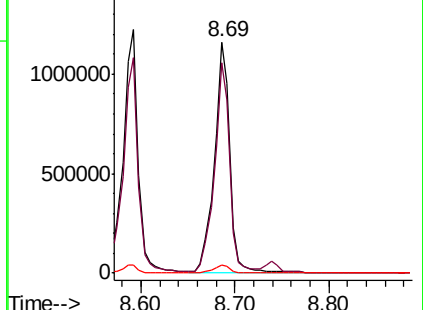
116 3.6 2.7 4.1

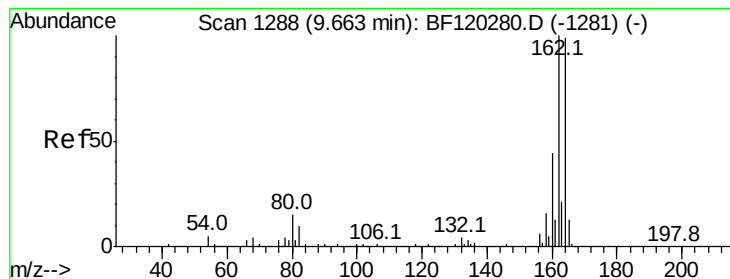


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_M

ClientSampleId :

HD-02-051920MS

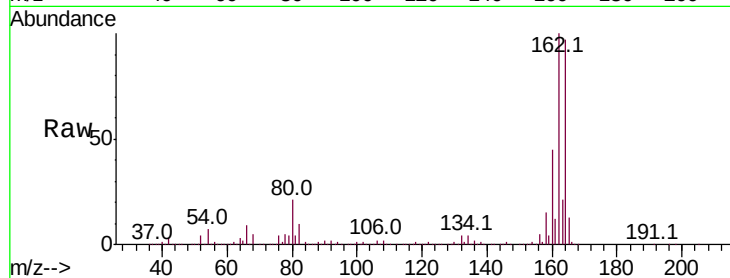
Tot Ion:164 Resp: 615570

Ion Ratio Lower Upper

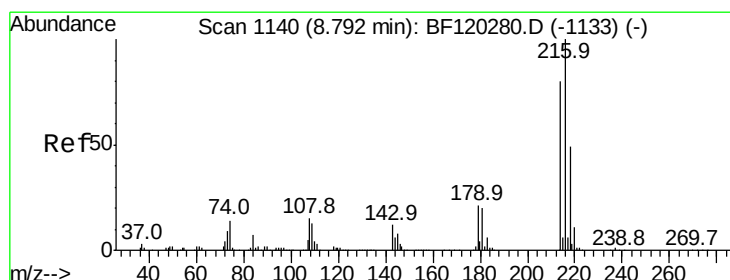
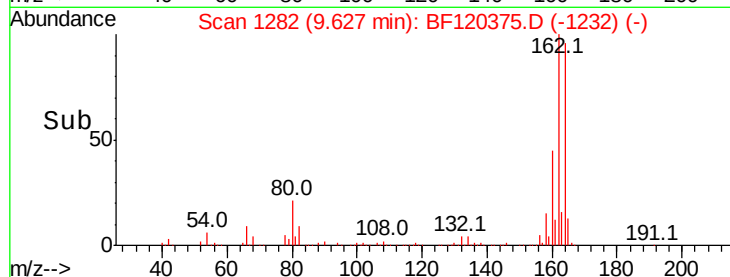
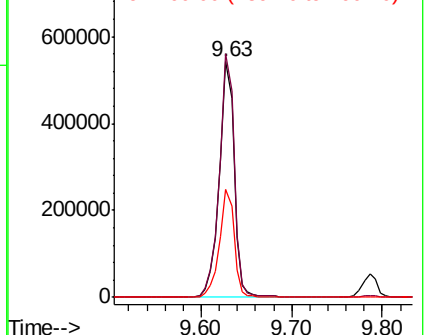
164 100

162 103.4 81.2 121.8

160 46.1 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.168 ng

RT: 8.76 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Tgt Ion:216 Resp: 638996

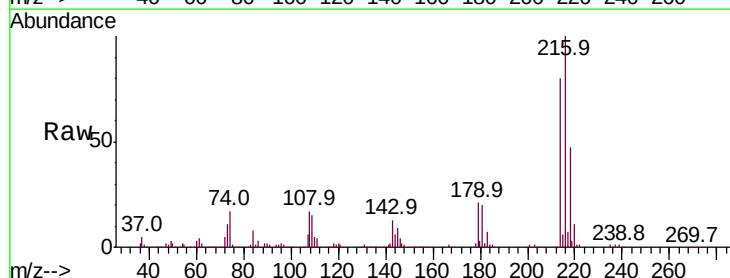
Ion Ratio Lower Upper

216 100

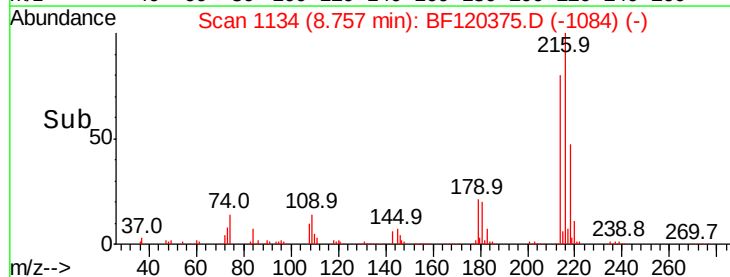
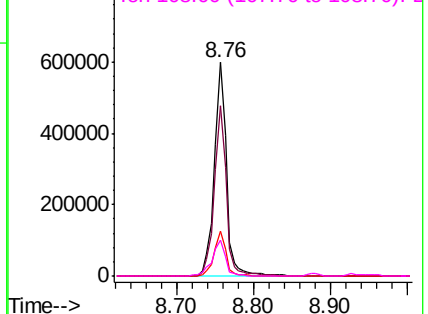
214 78.6 64.0 96.0

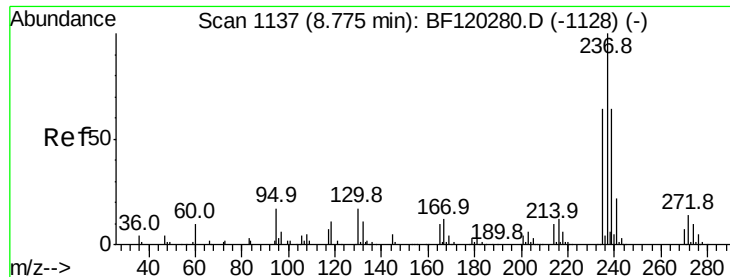
179 20.3 16.9 25.3

108 18.7 14.2 21.2



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 69.198 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_M

ClientSampleId :

HD-02-051920MS

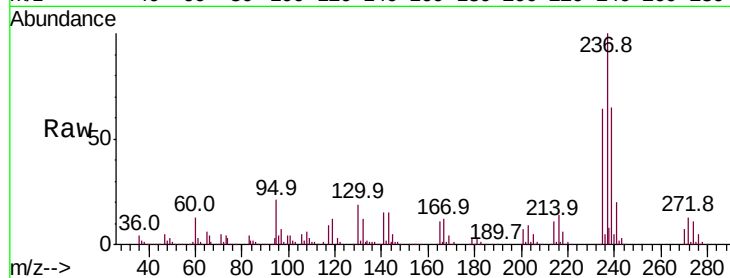
Tot Ion:237 Resp: 436819

Ion Ratio Lower Upper

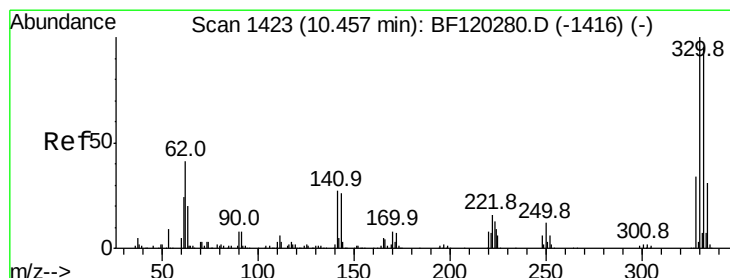
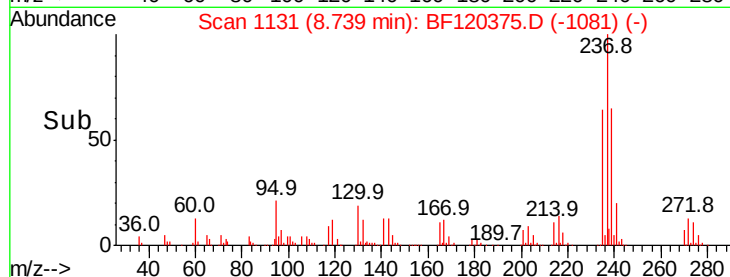
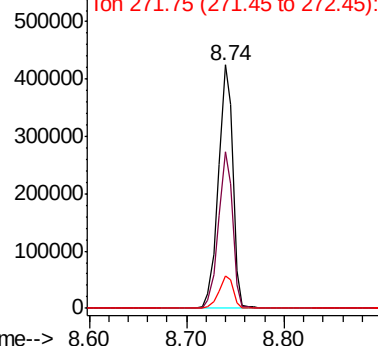
237 100

235 64.1 43.8 83.8

272 13.3 0.0 33.9



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: 133.630 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

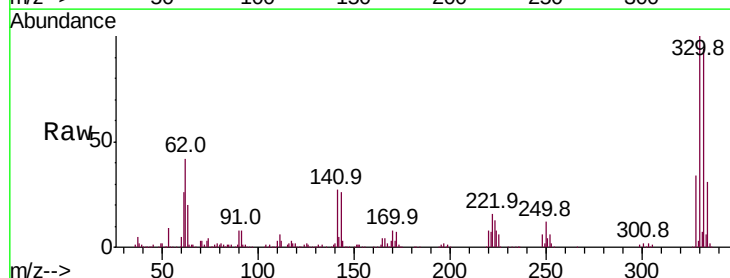
Tgt Ion:330 Resp: 670692

Ion Ratio Lower Upper

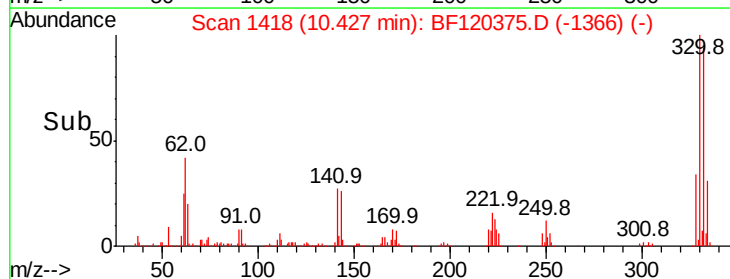
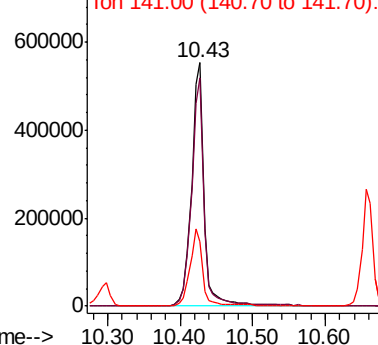
330 100

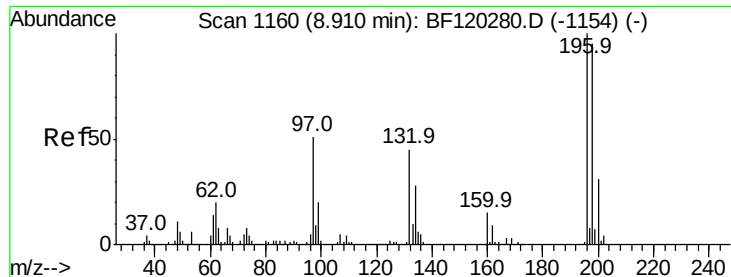
332 93.6 76.5 114.7

141 31.2 25.4 38.0



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

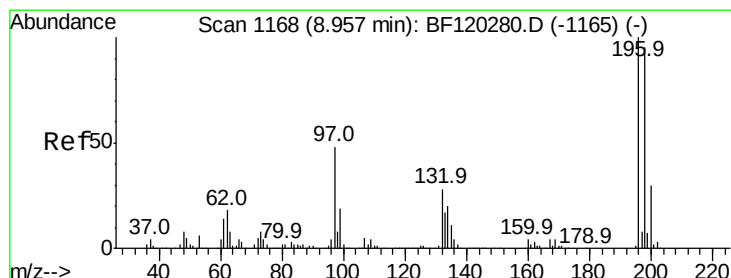
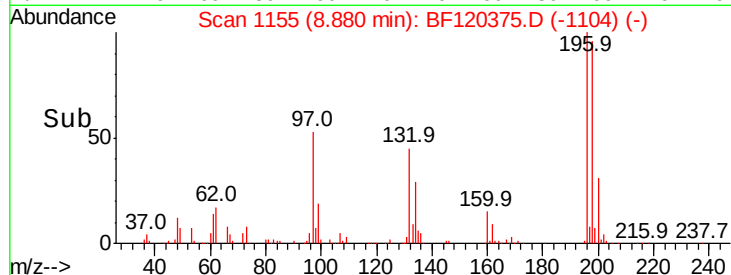
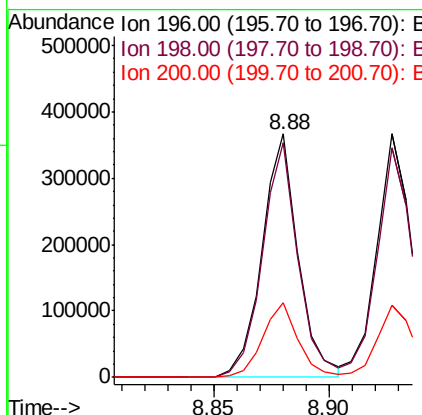
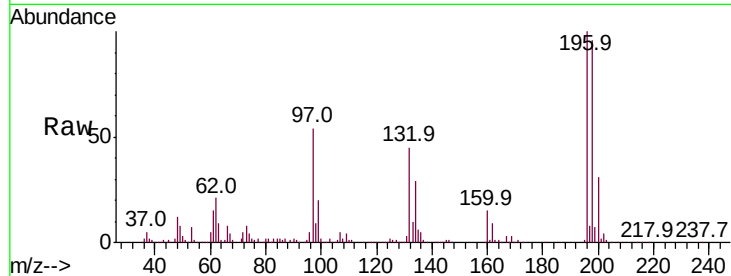




#43
 2,4,6-Trichlorophenol
 Concen: 38.291 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

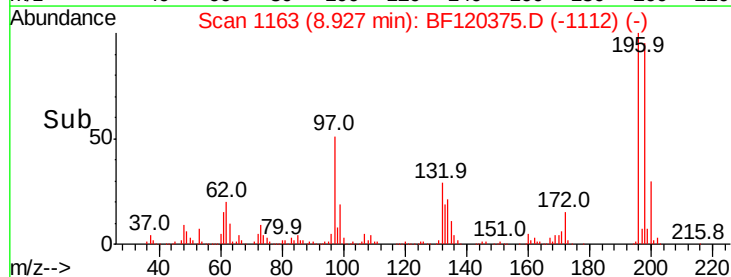
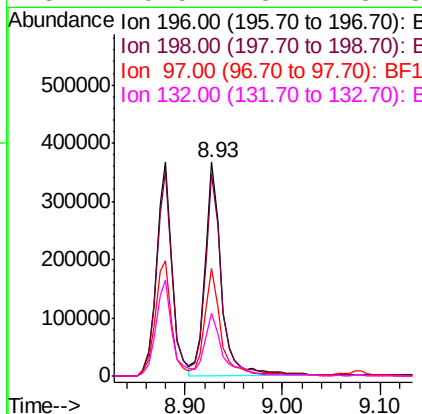
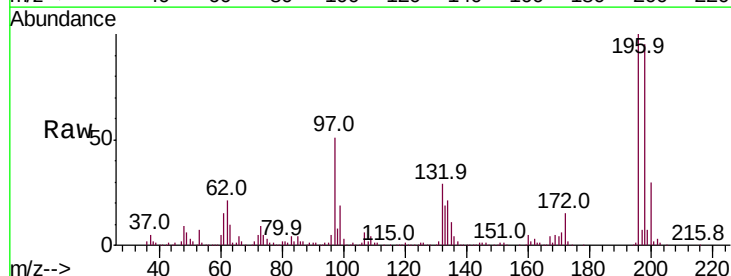
Instrument :
 BNA_M
 ClientSampleId :
 HD-02-051920MS

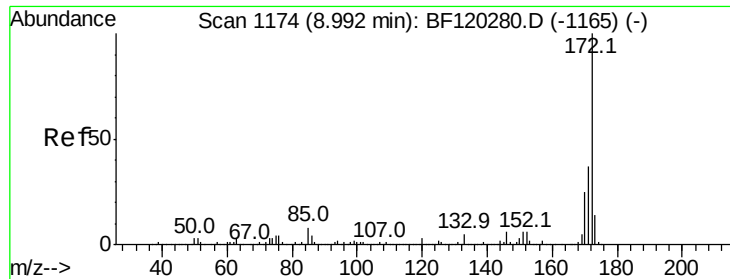
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.2	114.4
200	30.8	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 35.463 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.2	114.4
97	50.6	38.6	57.8
132	29.5	23.2	34.8

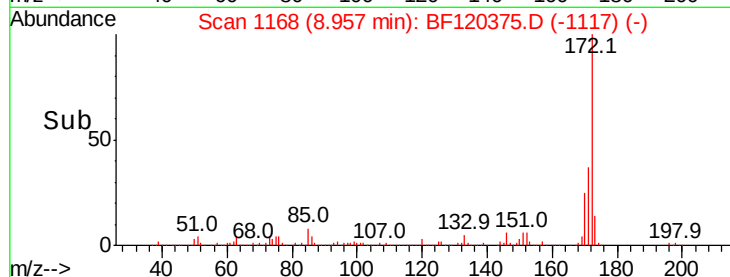
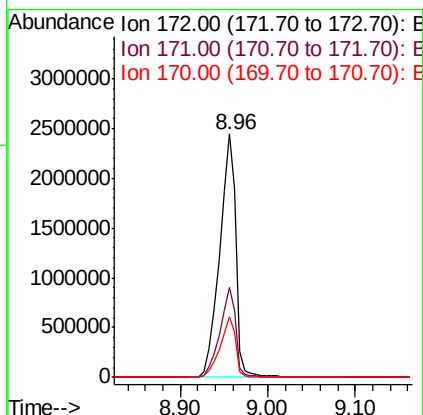
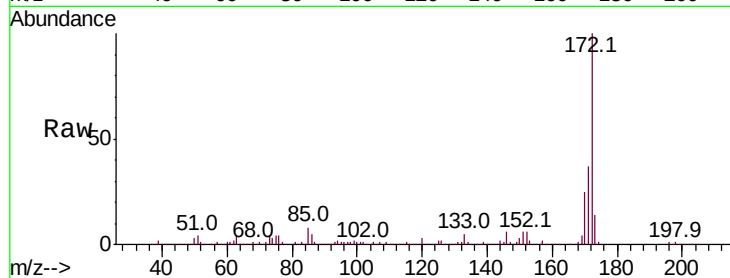




#45
2-Fluorobiphenyl
Concen: 105.430 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

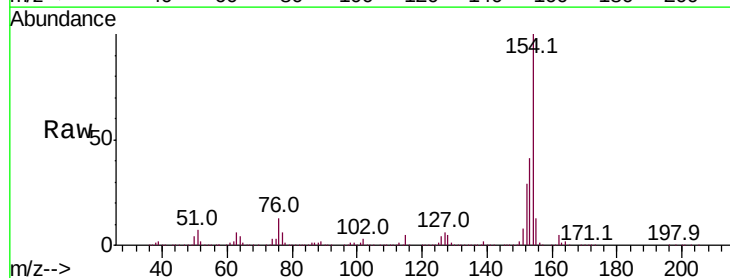
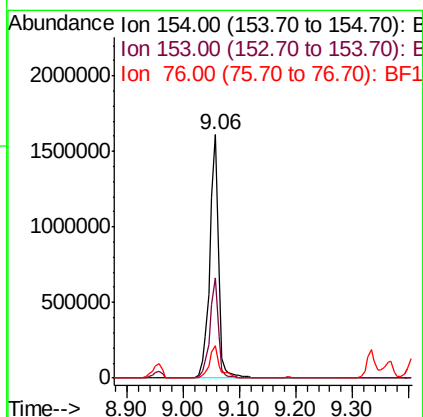
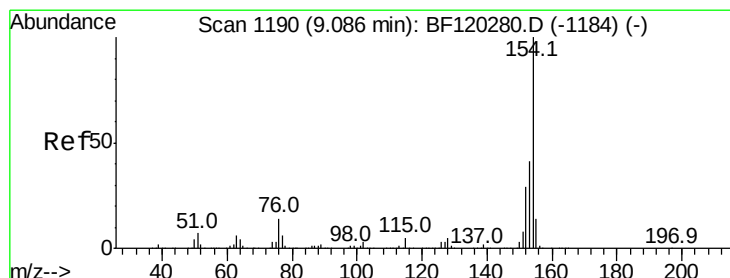
Instrument :
BNA_M
ClientSampleId :
HD-02-051920MS

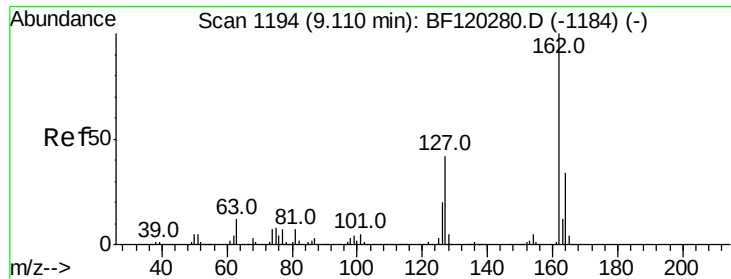
Tot Ion:172 Resp: 3158939
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 24.8 19.9 29.9



#46
1,1'-Biphenyl
Concen: 42.347 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion:154 Resp: 1707958
Ion Ratio Lower Upper
154 100
153 41.4 20.8 60.8
76 13.3 0.0 34.3





#47

2-Chloronaphthalene

Concen: 39.212 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_M

ClientSampleId :

HD-02-051920MS

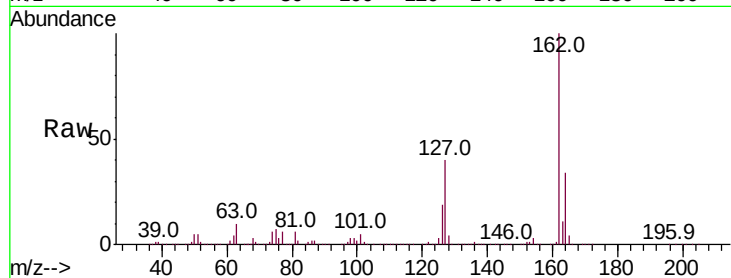
Tot Ion:162 Resp: 1268634

Ion Ratio Lower Upper

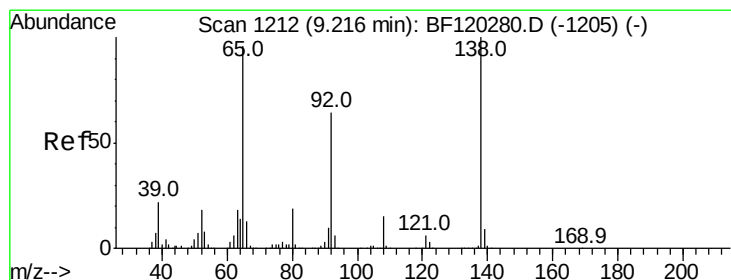
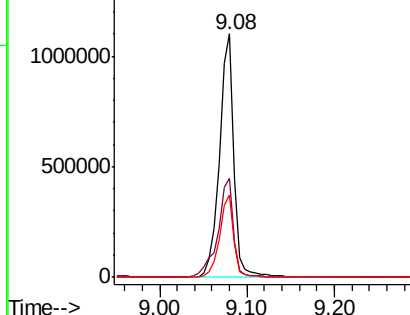
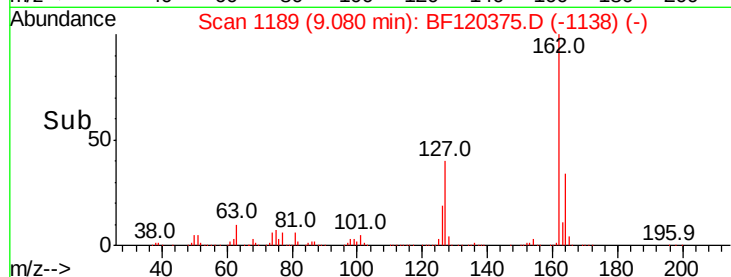
162 100

127 40.4 33.4 50.0

164 33.7 27.0 40.6



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: 36.512 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

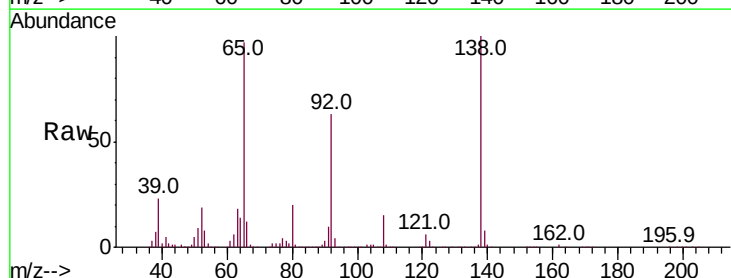
Tgt Ion: 65 Resp: 431007

Ion Ratio Lower Upper

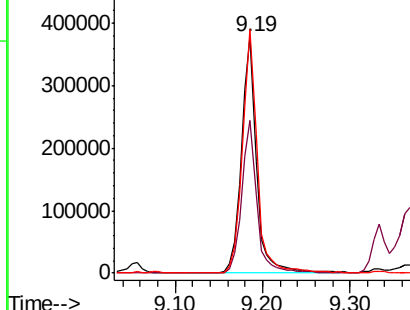
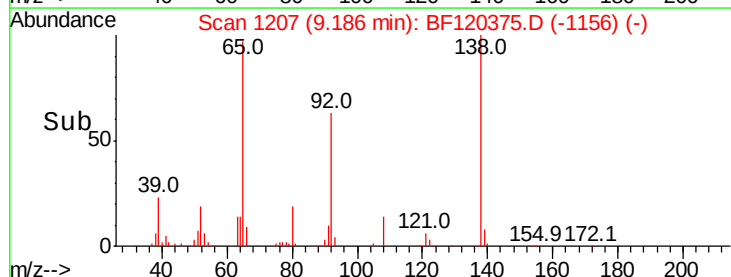
65 100

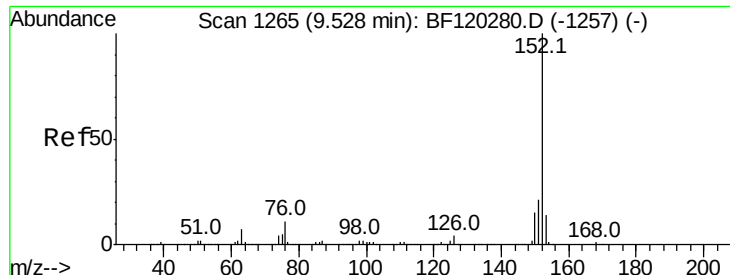
92 64.8 52.9 79.3

138 103.0 83.0 124.4



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: 39.865 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_M

ClientSampleId :

HD-02-051920MS

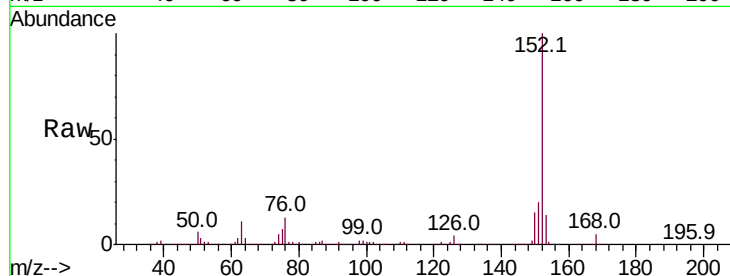
Tot Ion:152 Resp: 1970157

Ion Ratio Lower Upper

152 100

151 20.0 16.6 25.0

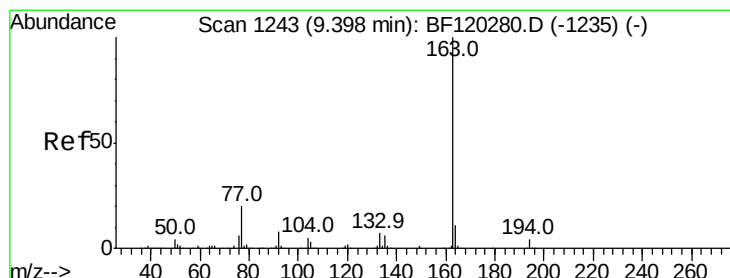
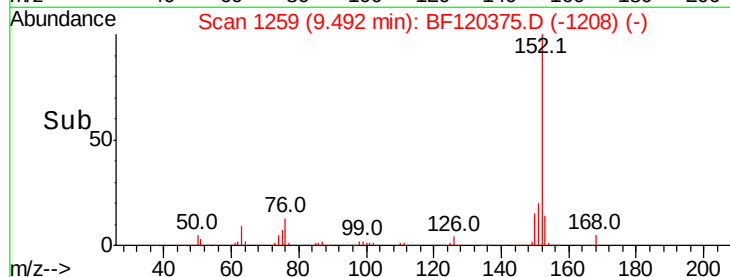
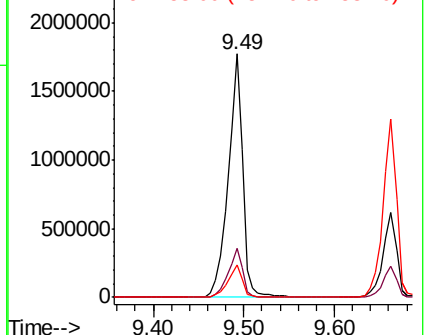
153 13.5 11.1 16.7



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: 37.955 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

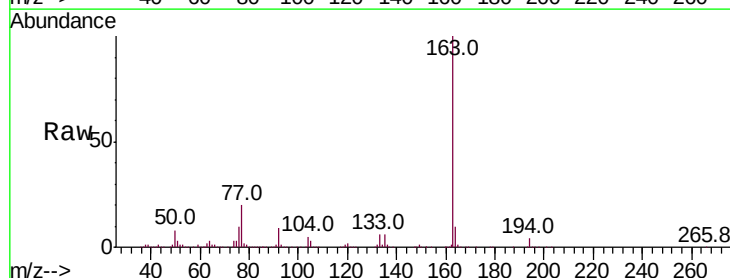
Tgt Ion:163 Resp: 1476954

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

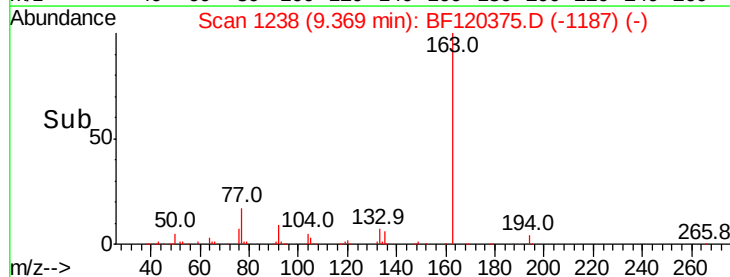
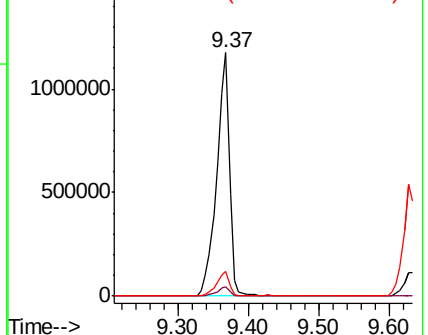
164 10.0 8.6 12.8

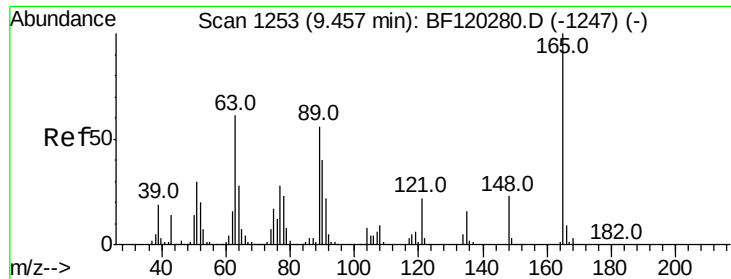


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

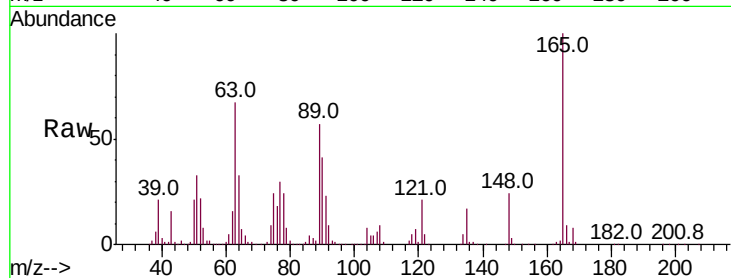




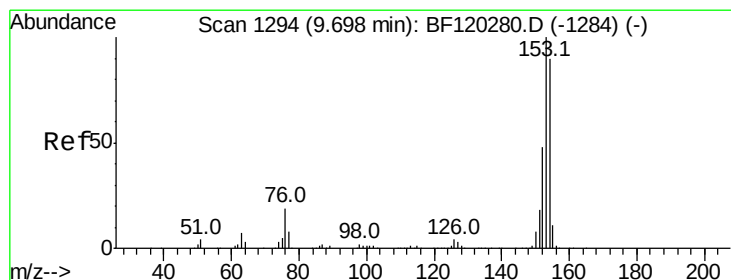
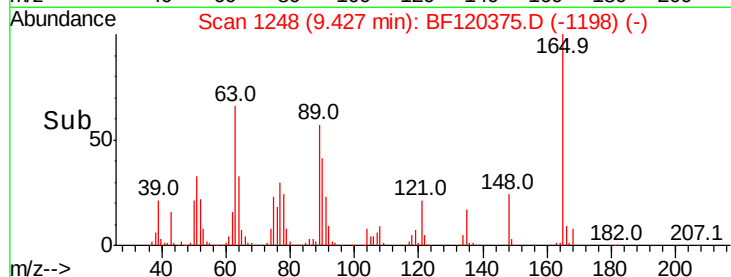
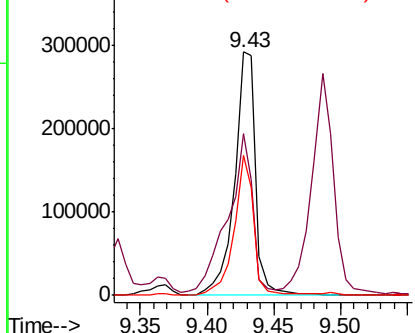
#51
 2,6-Dinitrotoluene
 Concen: 37.164 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-051920MS

Tot Ion:165 Resp: 322764
 Ion Ratio Lower Upper
 165 100
 63 66.6 50.2 75.2
 89 57.3 44.6 66.8

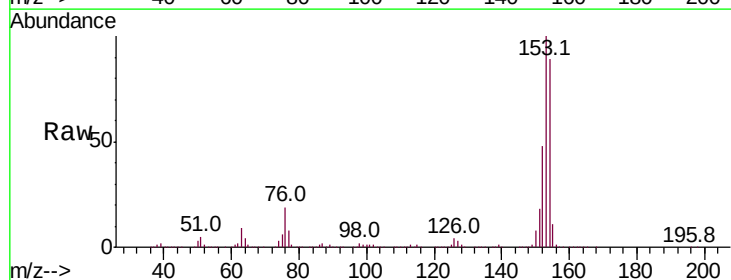


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

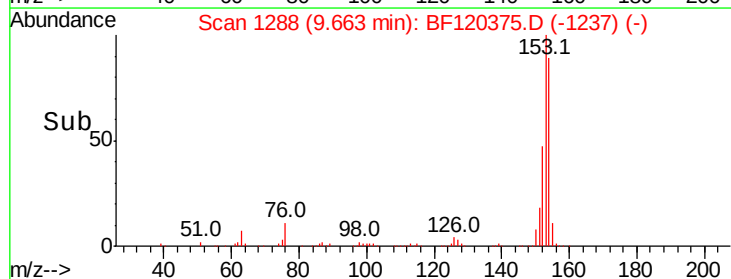
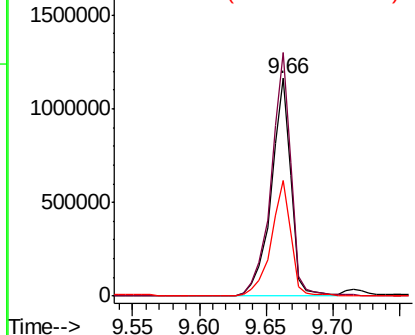


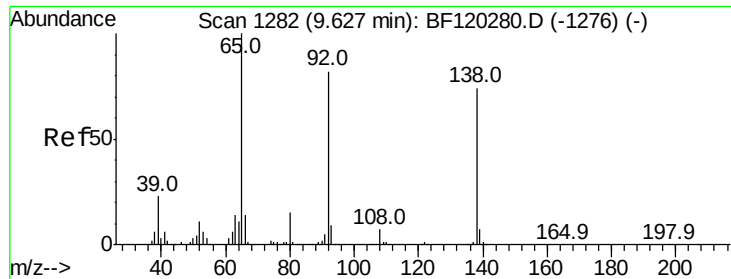
#52
 Acenaphthene
 Concen: 40.621 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Tgt Ion:154 Resp: 1203317
 Ion Ratio Lower Upper
 154 100
 153 111.9 89.0 133.4
 152 53.2 42.6 64.0



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

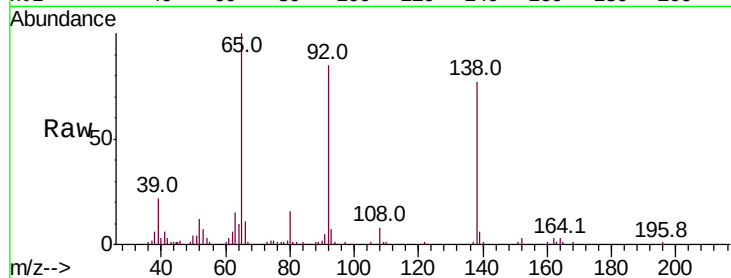




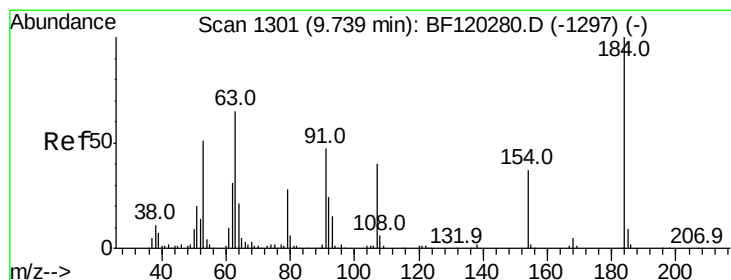
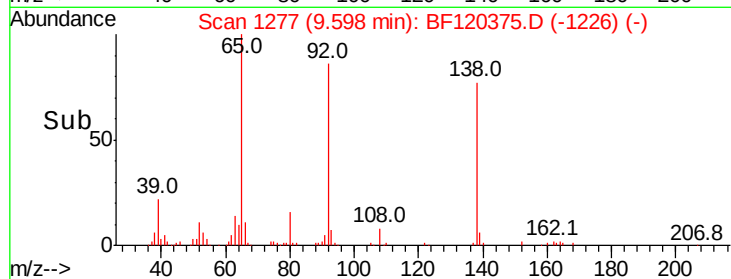
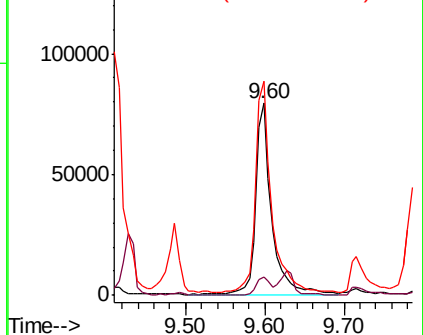
#53
3-Nitroaniline
Concen: 10.706 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Instrument :
BNA_M
ClientSampleId :
HD-02-051920MS

Tot Ion:138 Resp: 110878
Ion Ratio Lower Upper
138 100
108 9.8 8.2 12.2
92 111.3 89.6 134.4

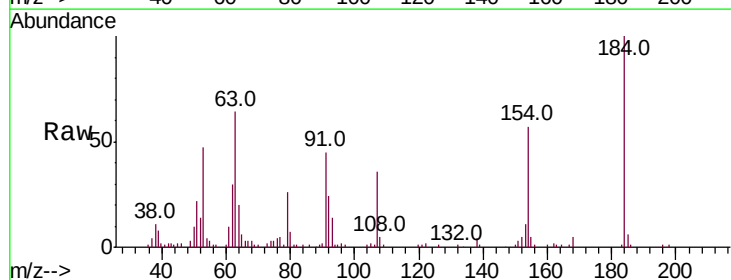


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

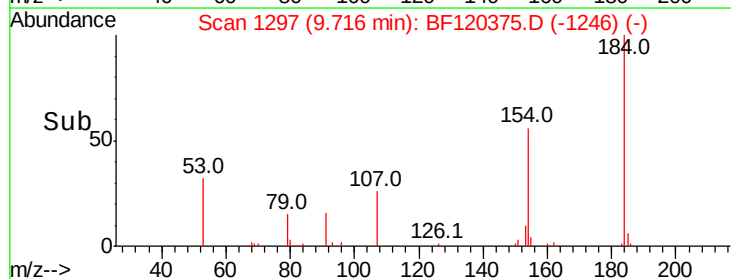
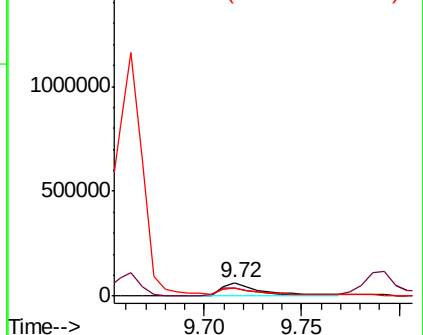


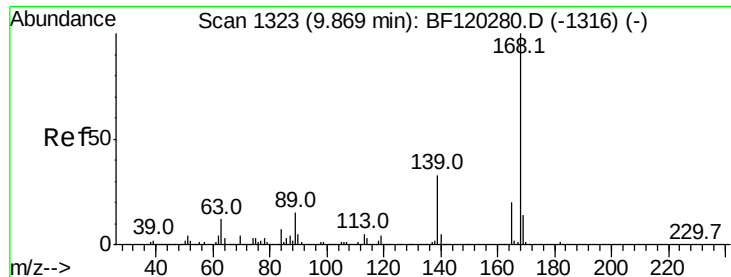
#54
2,4-Dinitrophenol
Concen: 22.602 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion:184 Resp: 92659
Ion Ratio Lower Upper
184 100
63 63.5 53.6 80.4
154 56.7 46.8 70.2



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

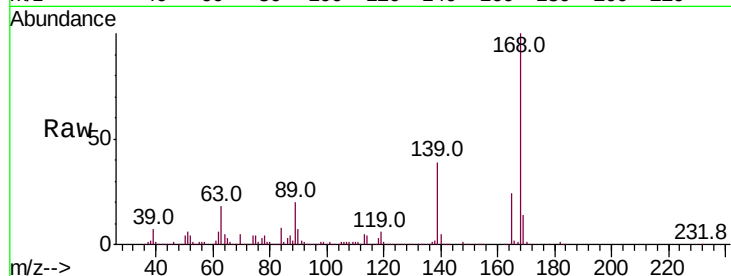




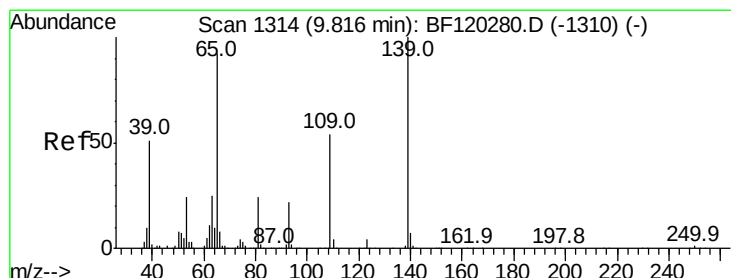
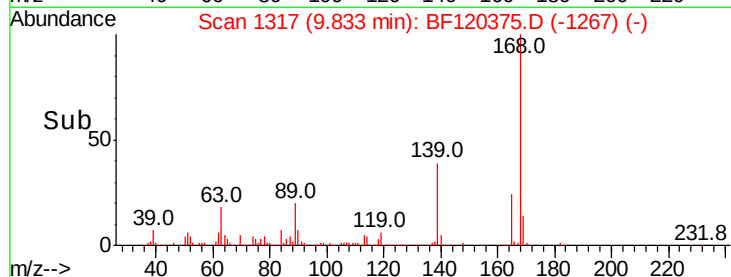
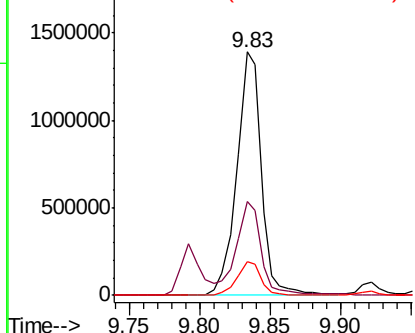
#55
Dibenzenofuran
Concen: 39.528 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Instrument :
BNA_M
ClientSampleId :
HD-02-051920MS

Tot Ion:168 Resp: 1686209
Ion Ratio Lower Upper
168 100
139 38.7 29.8 44.6
169 14.1 11.0 16.6

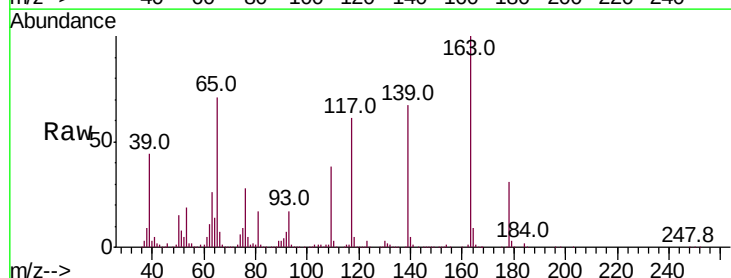


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

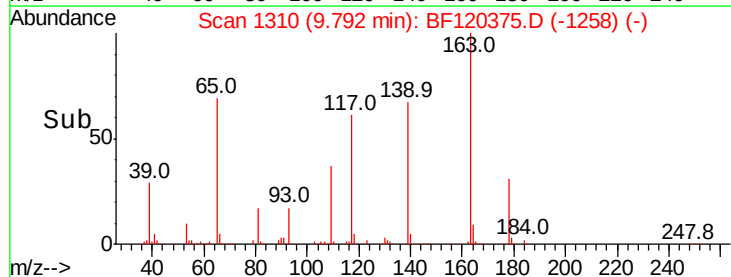
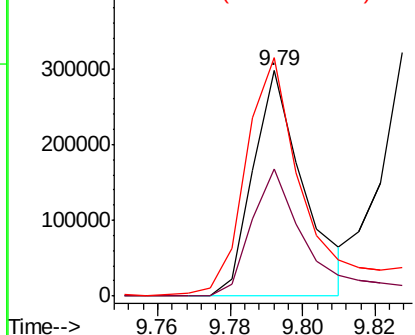


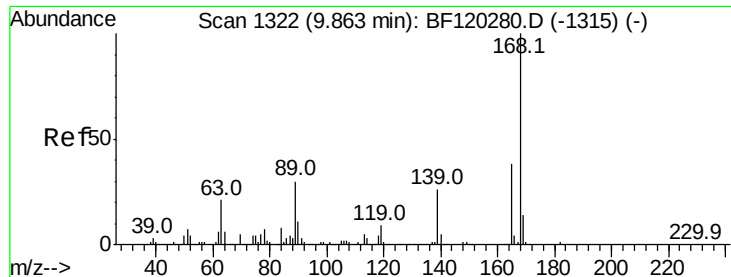
#56
4-Nitrophenol
Concen: 51.586 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion:139 Resp: 287076
Ion Ratio Lower Upper
139 100
109 56.3 34.6 74.6
65 105.5 73.3 113.3



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

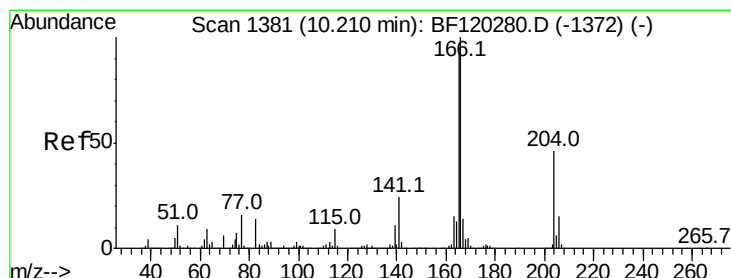
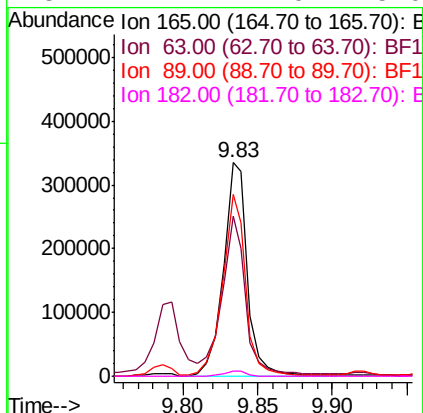
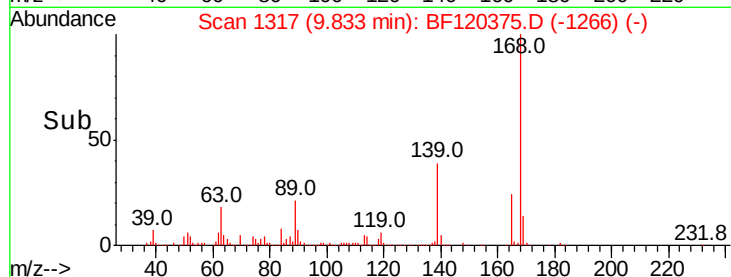
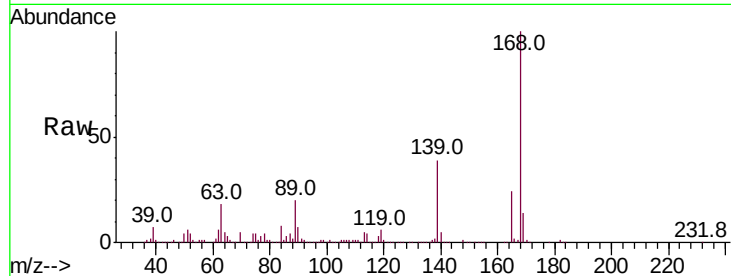




#57
 2,4-Dinitrotoluene
 Concen: 37.235 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

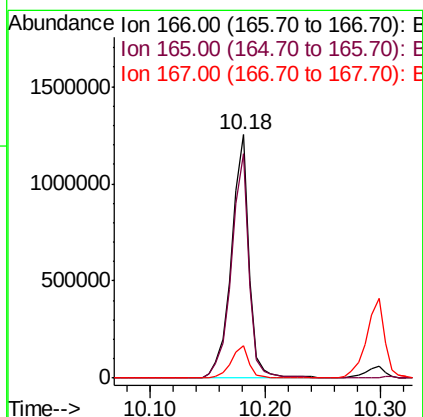
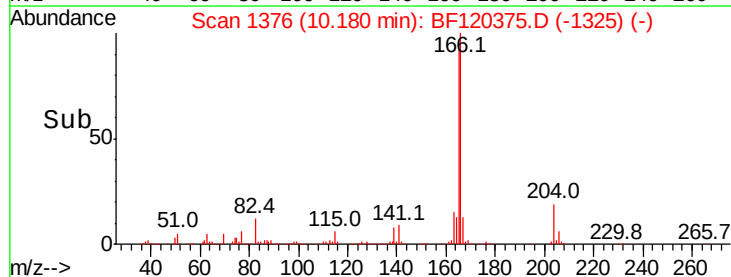
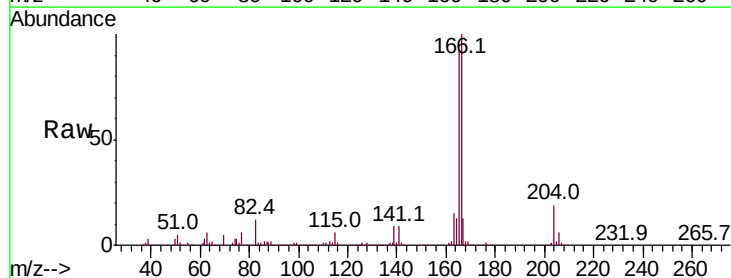
Instrument :
 BNA_M
 ClientSampleId :
 HD-02-051920MS

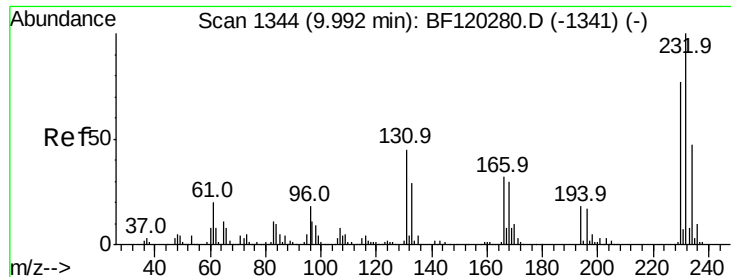
Tot Ion:165 Resp: 379344
 Ion Ratio Lower Upper
 165 100
 63 75.0 51.8 77.8
 89 85.1 64.2 96.4
 182 2.2 2.0 3.0



#58
 Fluorene
 Concen: 40.753 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Tgt Ion:166 Resp: 1323965
 Ion Ratio Lower Upper
 166 100
 165 92.2 74.7 112.1
 167 13.2 11.4 17.0

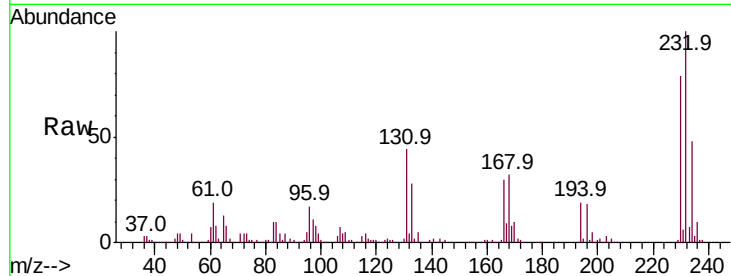




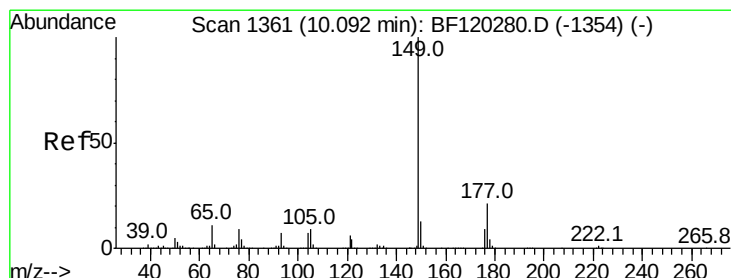
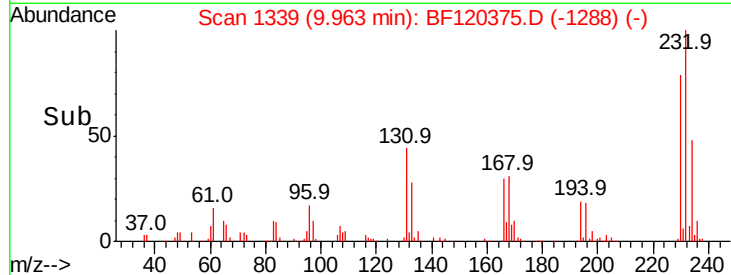
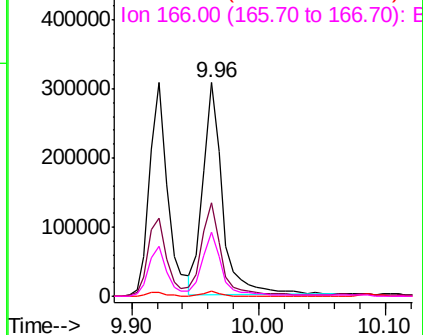
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.925 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-051920MS

Tot Ion:	232	Resp:	332500
Ion	Ratio	Lower	Upper
232	100		
131	43.5	34.1	51.1
130	2.4	1.7	2.5
166	29.8	23.3	34.9

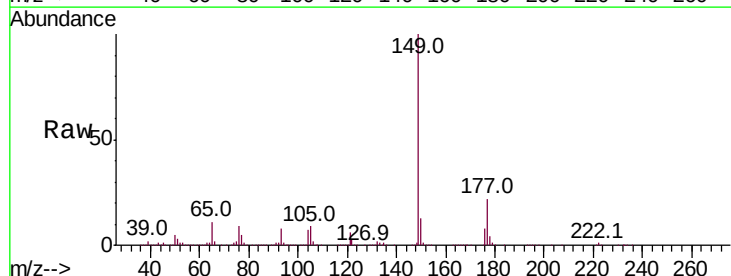


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

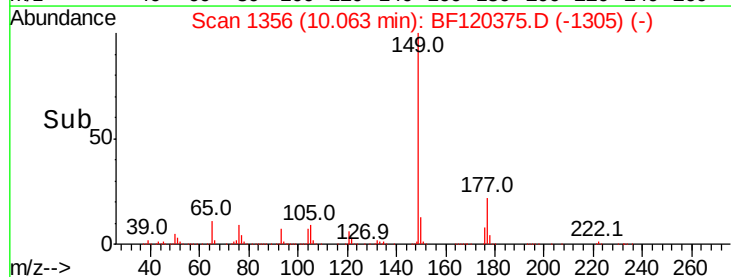
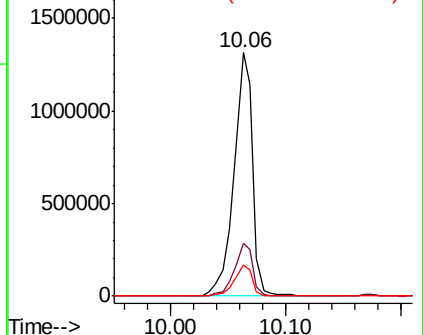


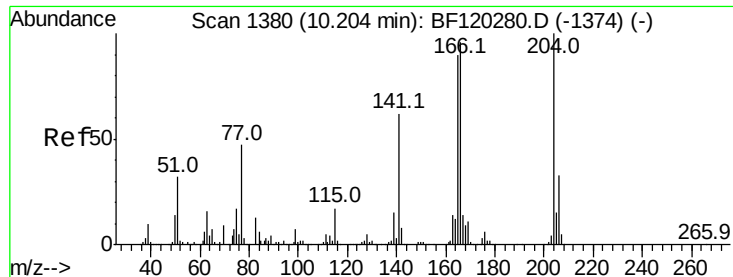
#60
 Diethylphthalate
 Concen: 38.760 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Tgt Ion:	149	Resp:	1456133
Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.1	25.7
150	12.7	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

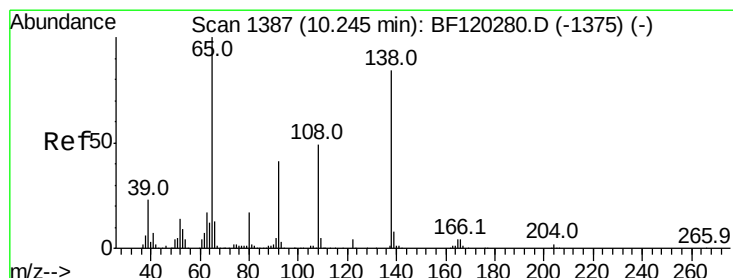
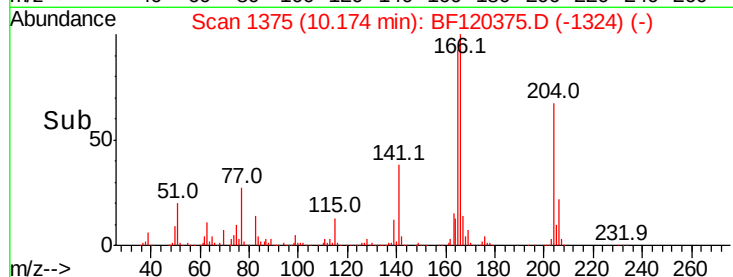
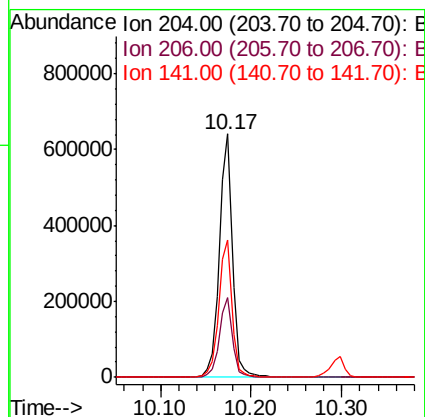
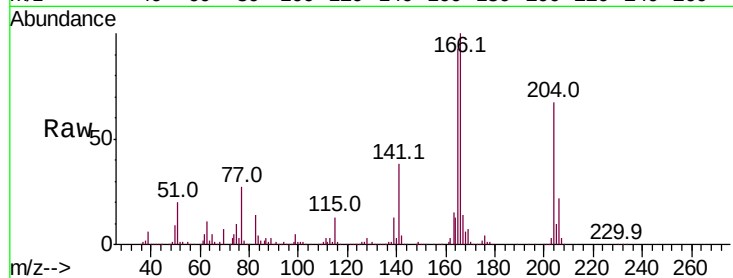




#61
4-Chlorophenyl-phenylether
Concen: 37.901 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

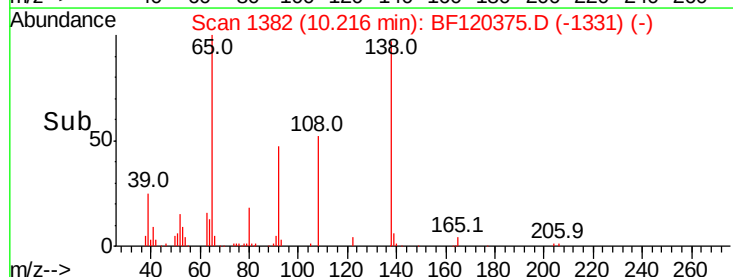
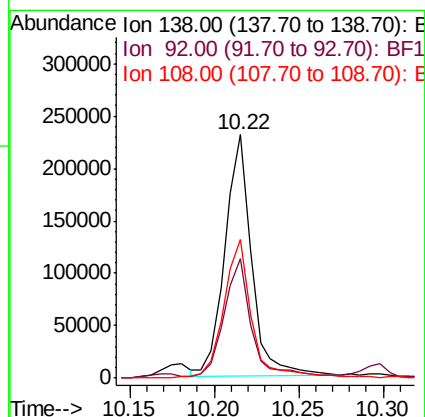
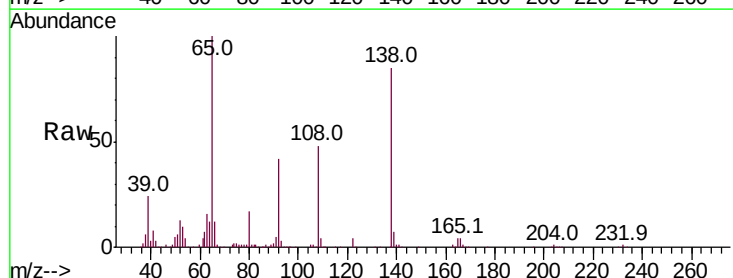
Instrument :
BNA_M
ClientSampleId :
HD-02-051920MS

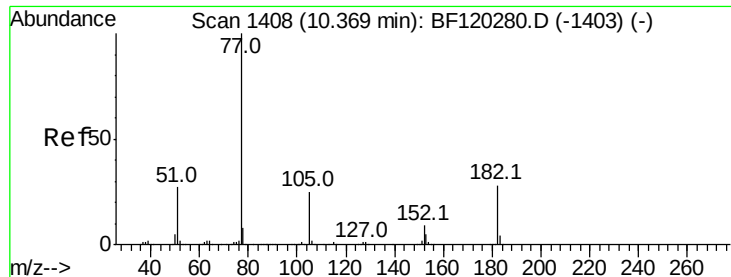
Tot Ion:204 Resp: 640186
Ion Ratio Lower Upper
204 100
206 32.9 26.8 40.2
141 56.3 49.5 74.3



#62
4-Nitroaniline
Concen: 26.369 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion:138 Resp: 254307
Ion Ratio Lower Upper
138 100
92 49.2 28.9 68.9
108 57.0 38.4 78.4





#63

Azobenzene

Concen: 39.430 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_M

ClientSampleId :

HD-02-051920MS

Tot Ion: 77 Resp: 1399987

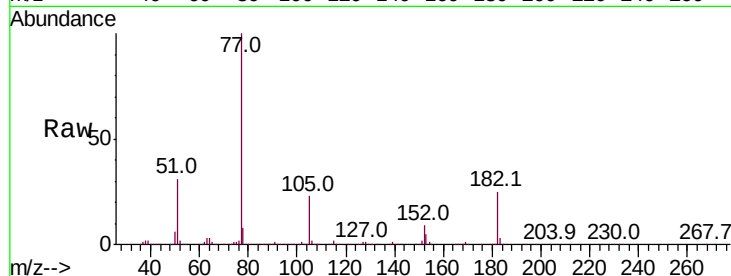
Ion	Ratio	Lower	Upper
77	100		
182	24.7	7.4	47.4
105	23.2	4.4	44.4
51	30.8	8.3	48.3

77 100

182 24.7 7.4 47.4

105 23.2 4.4 44.4

51 30.8 8.3 48.3

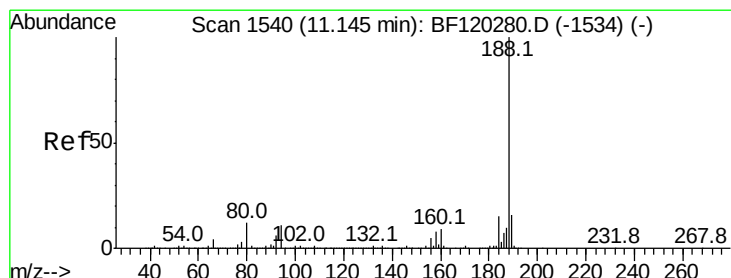
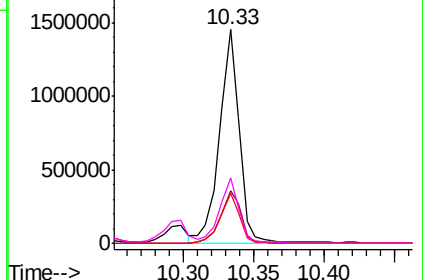
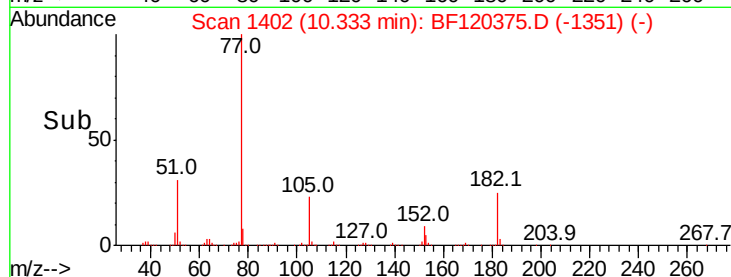


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.11 min Scan# 1534

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

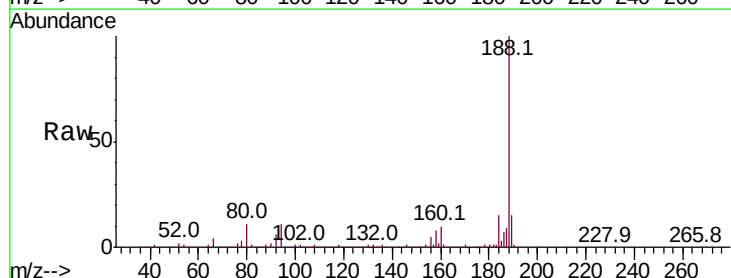
Tgt Ion: 188 Resp: 1054332

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.6	13.0
80	11.3	9.2	13.8

188 100

94 10.9 8.6 13.0

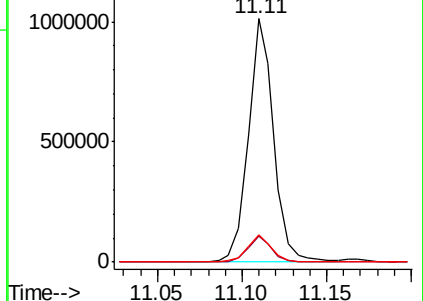
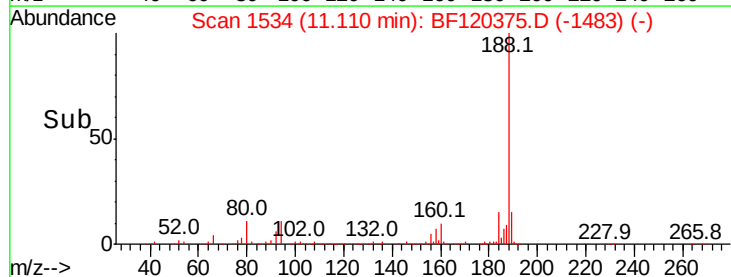
80 11.3 9.2 13.8

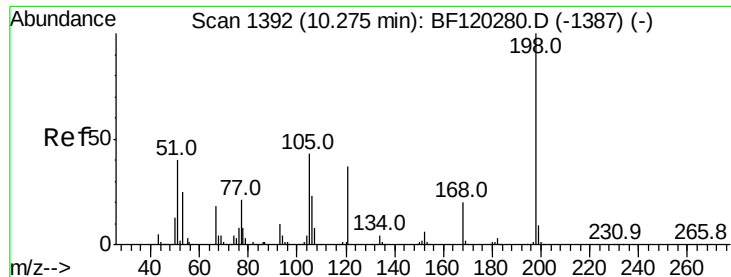


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

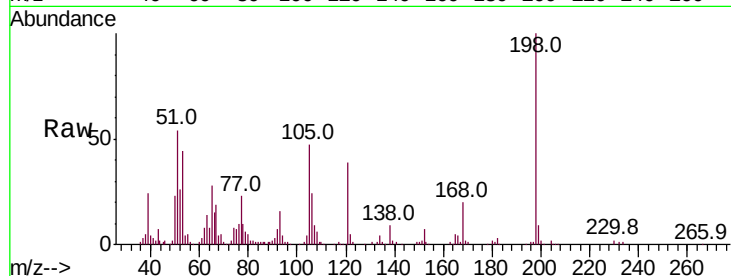




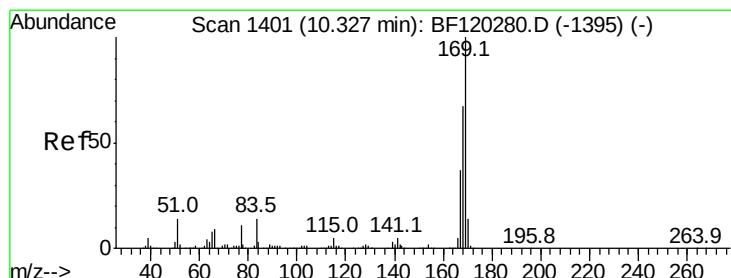
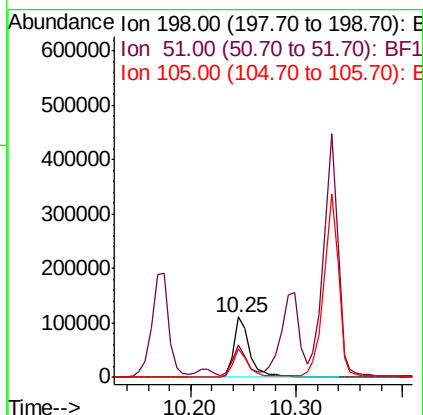
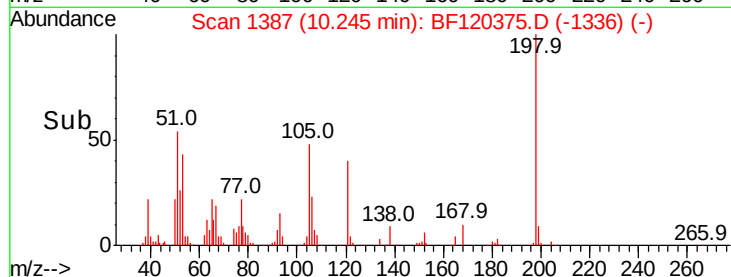
#65
4,6-Dinitro-2-methylphenol
Concen: 22.164 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Instrument :
BNA_M
ClientSampleId :
HD-02-051920MS

Tot Ion:198 Resp: 118179
Ion Ratio Lower Upper
198 100
51 54.3 27.1 67.1
105 47.1 24.3 64.3

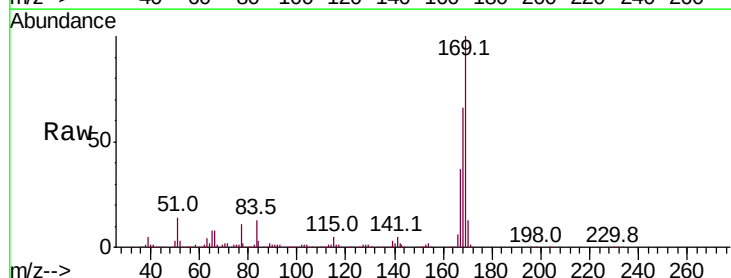


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

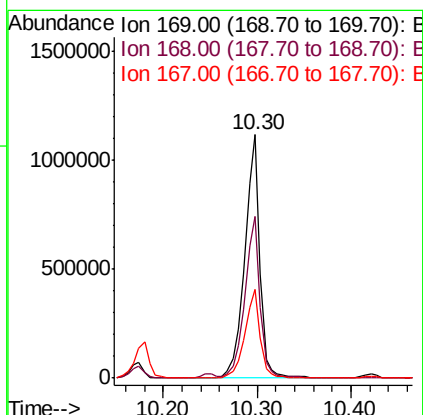
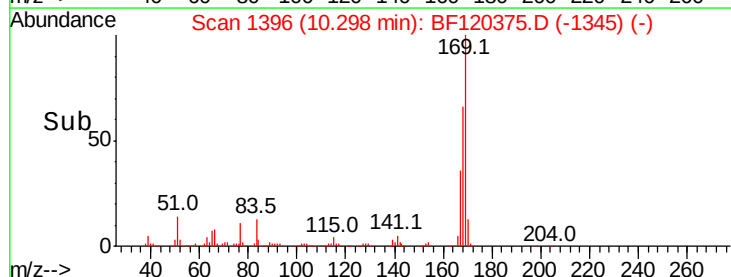


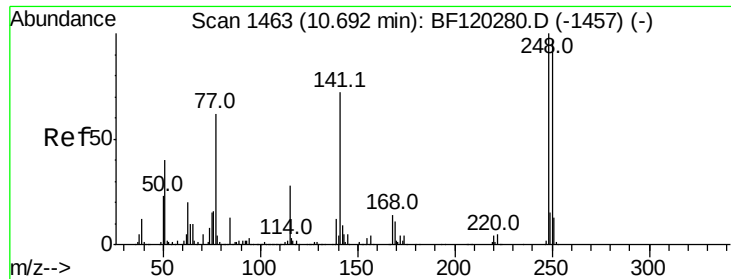
#66
n-Nitrosodiphenylamine
Concen: 42.571 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion:169 Resp: 1241757
Ion Ratio Lower Upper
169 100
168 66.3 53.7 80.5
167 36.6 29.8 44.6



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

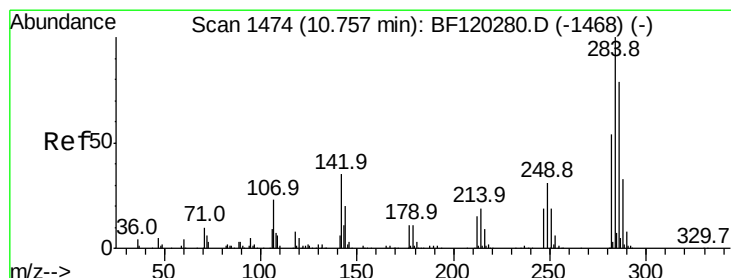
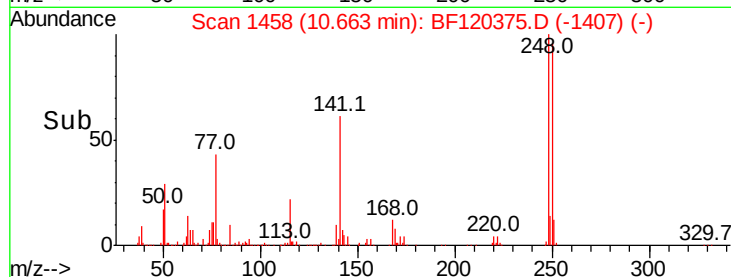
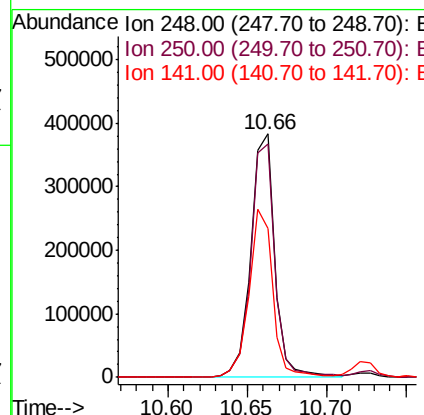
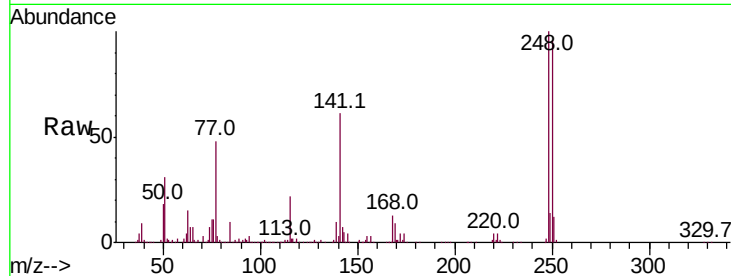




#67
4-Bromophenyl-phenylether
Concen: 39.191 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

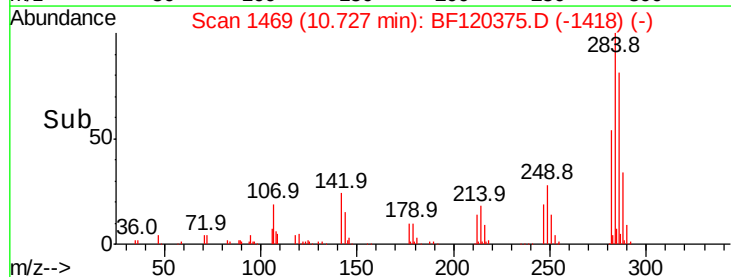
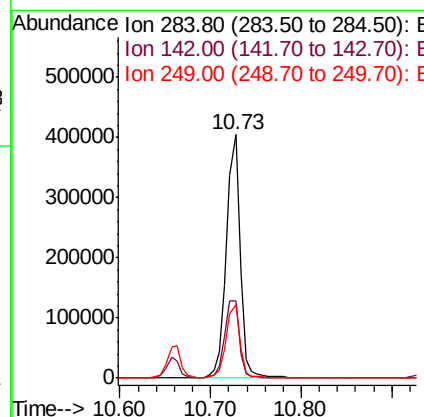
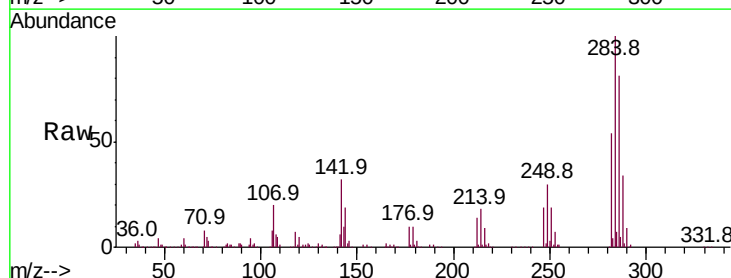
Instrument :
BNA_M
ClientSampleId :
HD-02-051920MS

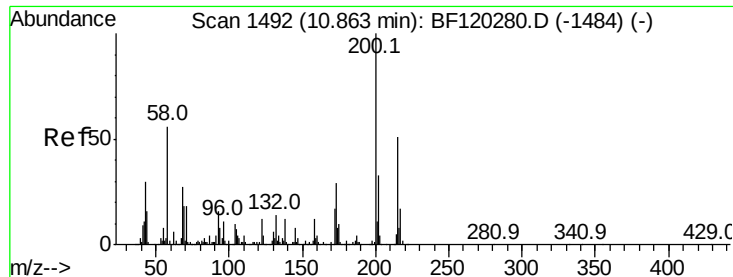
Tot Ion:248 Resp: 400966
Ion Ratio Lower Upper
248 100
250 96.1 77.8 116.6
141 60.9 57.7 86.5



#68
Hexachlorobenzene
Concen: 39.866 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion:284 Resp: 426695
Ion Ratio Lower Upper
284 100
142 31.5 28.5 42.7
249 30.0 24.8 37.2





#69

Atrazine

Concen: 38.402 ng

RT: 10.83 min Scan# 1487

Delta R.T. 0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_M

ClientSampleId :

HD-02-051920MS

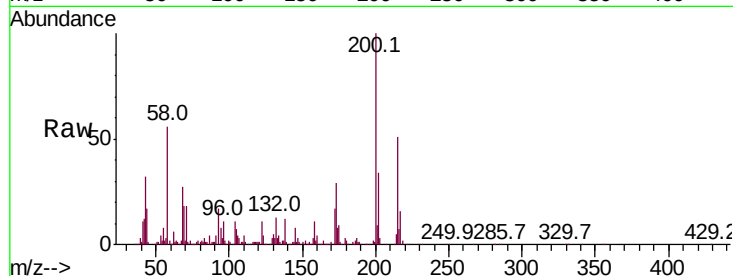
Tot Ion:200 Resp: 335180

Ion Ratio Lower Upper

200 100

173 28.8 8.7 48.7

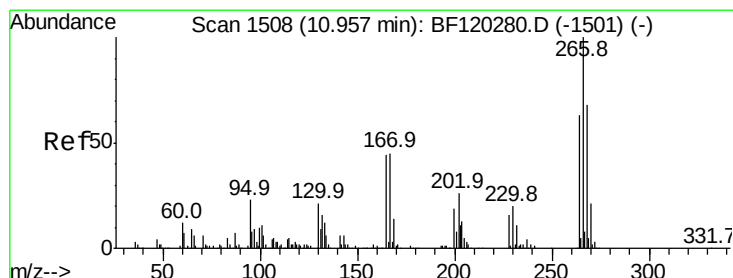
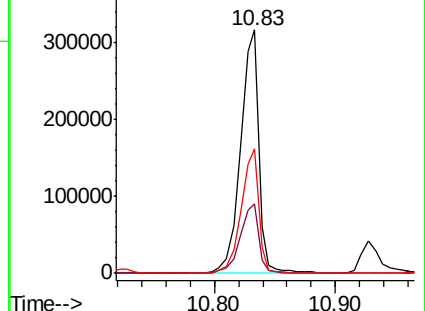
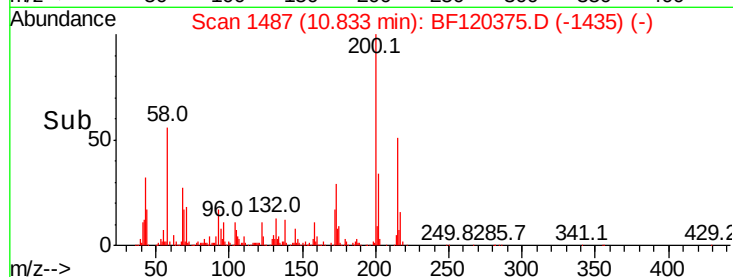
215 51.1 30.6 70.6



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: 58.421 ng

RT: 10.93 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

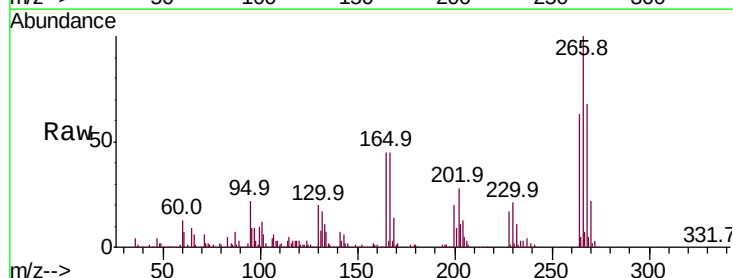
Tgt Ion:266 Resp: 265947

Ion Ratio Lower Upper

266 100

268 68.5 54.2 81.4

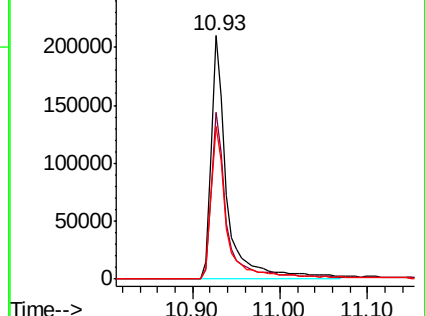
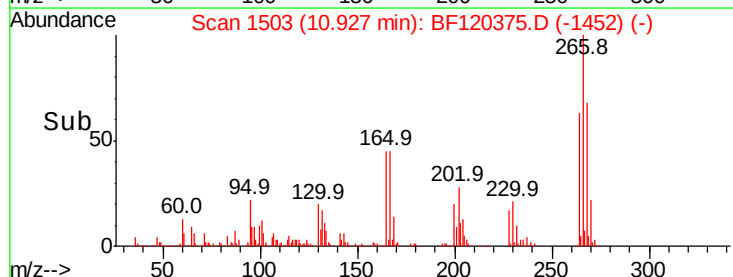
264 62.8 50.2 75.4

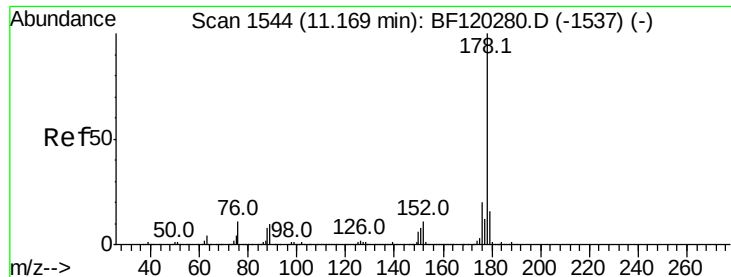


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

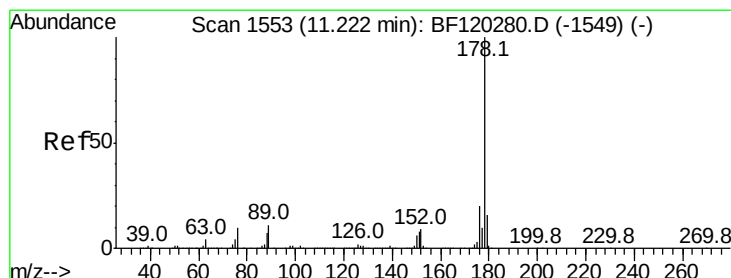
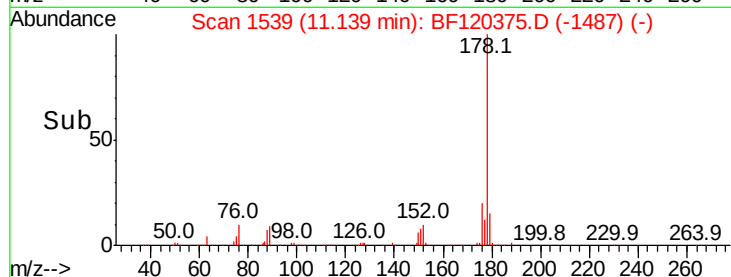
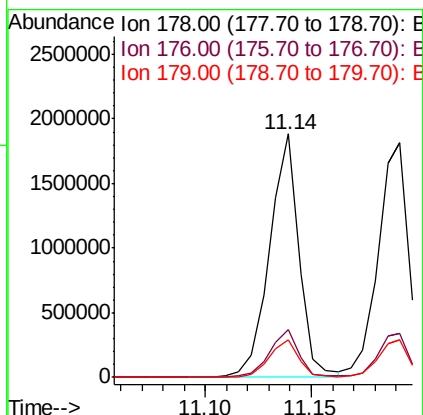
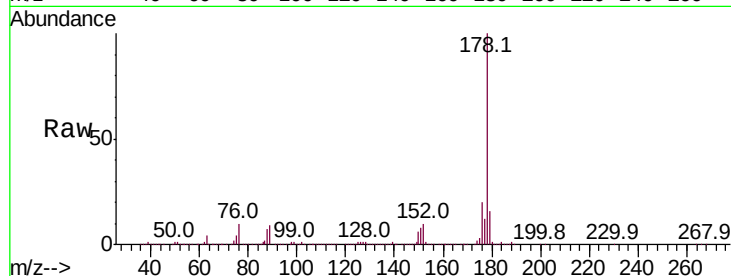




#71
Phenanthrene
Concen: 41.300 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

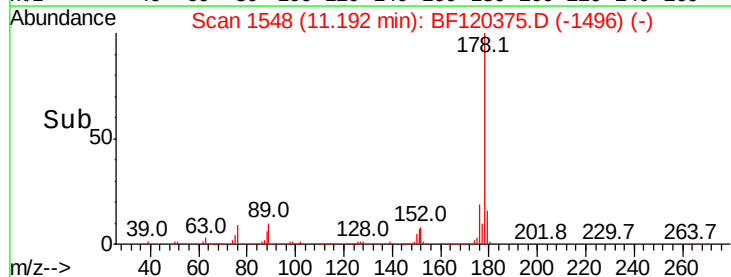
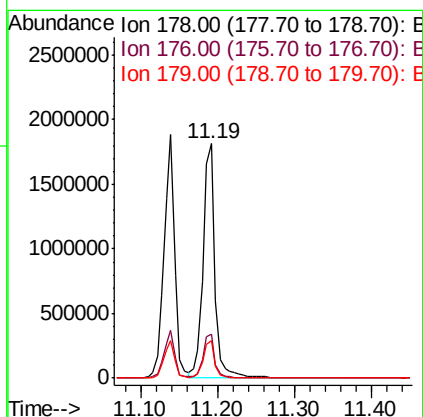
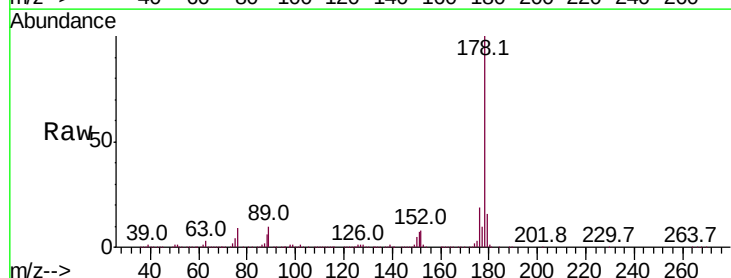
Instrument :
BNA_M
ClientSampleId :
HD-02-051920MS

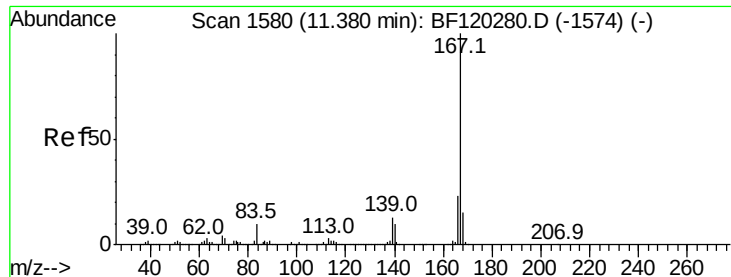
Tot Ion:178 Resp: 1829704
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.5 12.8 19.2



#72
Anthracene
Concen: 41.386 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion:178 Resp: 1962871
Ion Ratio Lower Upper
178 100
176 18.9 15.7 23.5
179 15.8 13.0 19.6





#73

Carbazole

Concen: 39.021 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_M

ClientSampleId :

HD-02-051920MS

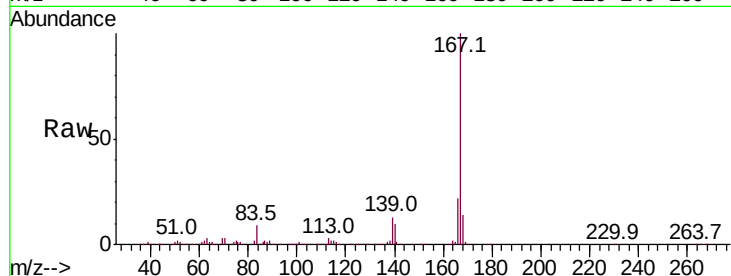
Tot Ion:167 Resp: 1729224

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

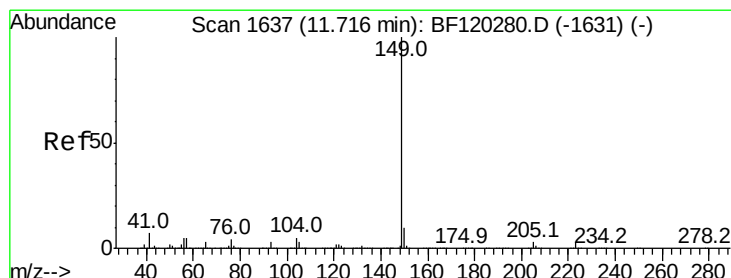
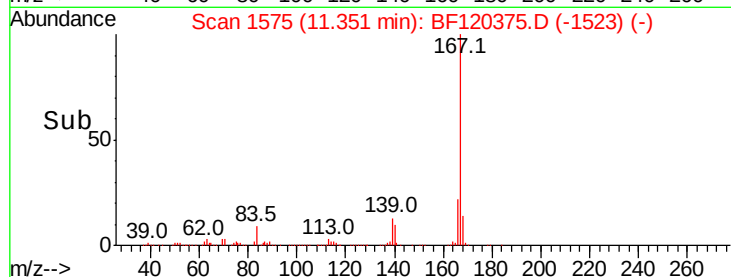
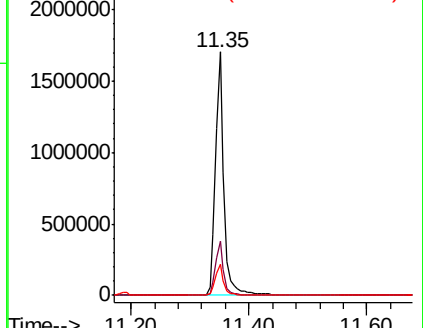
139 12.5 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.455 ng

RT: 11.69 min Scan# 1632

Delta R.T. 0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

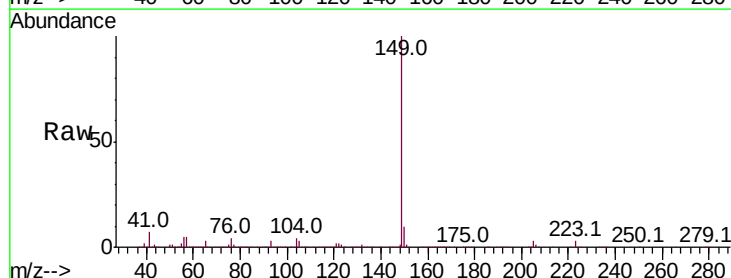
Tgt Ion:149 Resp: 2213989

Ion Ratio Lower Upper

149 100

150 9.7 8.2 12.4

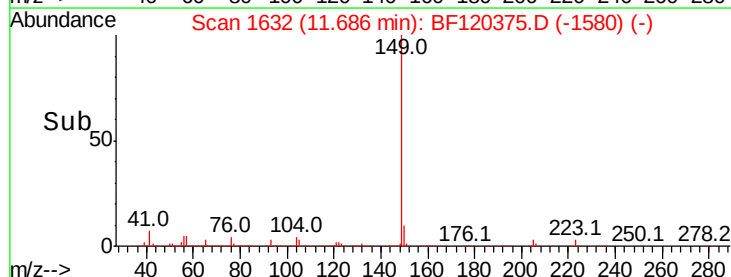
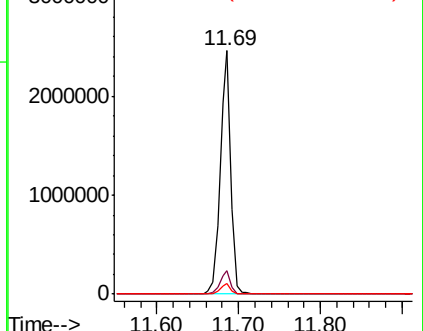
104 4.5 3.8 5.8

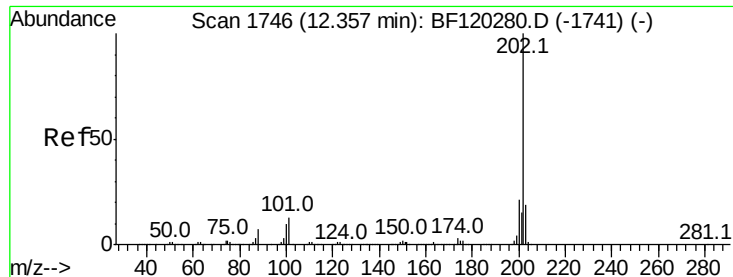


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

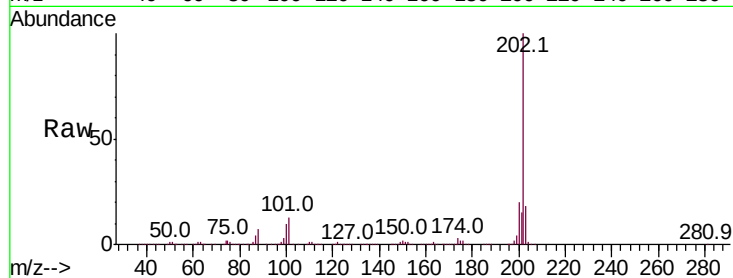




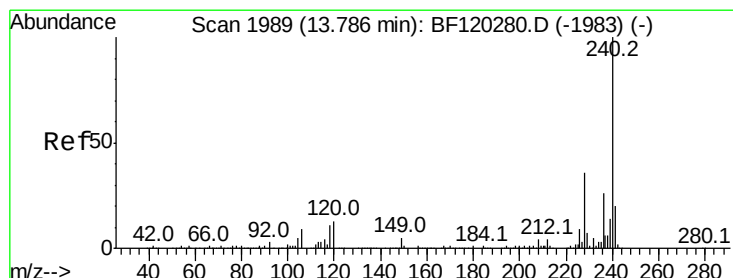
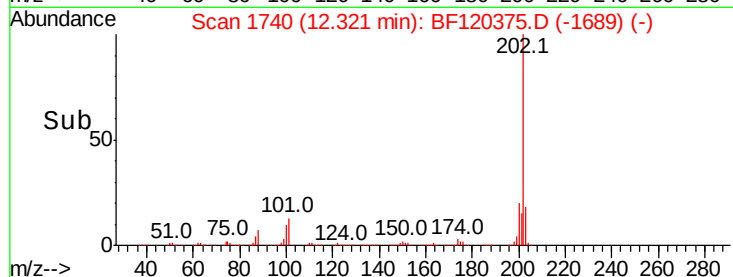
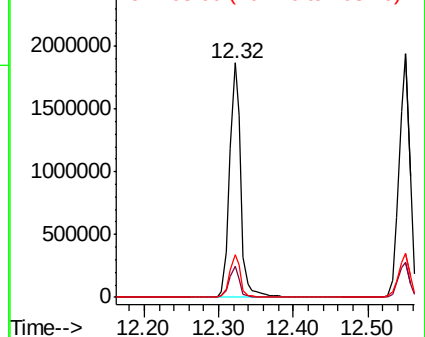
#75
Fluoranthene
Concen: 41.465 ng
RT: 12.32 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Instrument :
BNA_M
ClientSampleId :
HD-02-051920MS

Tot Ion:202 Resp: 1968991
Ion Ratio Lower Upper
202 100
101 13.2 0.0 33.2
203 18.4 0.0 39.1

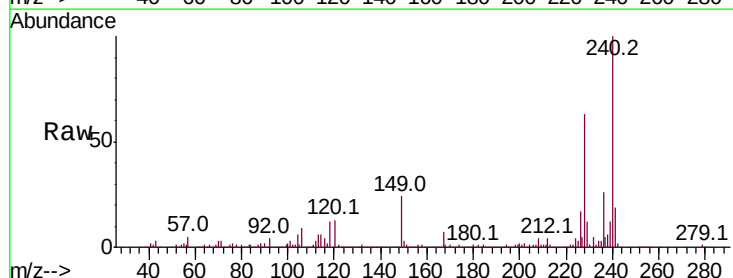


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

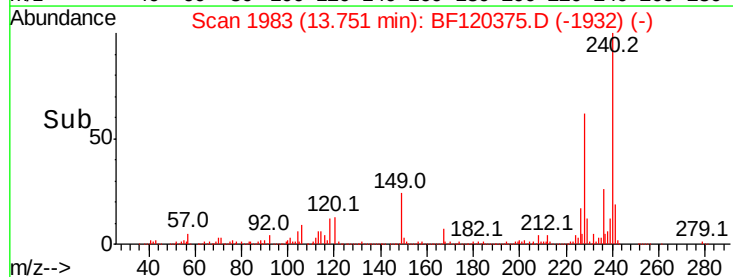
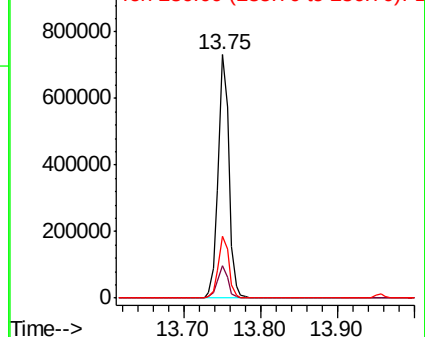


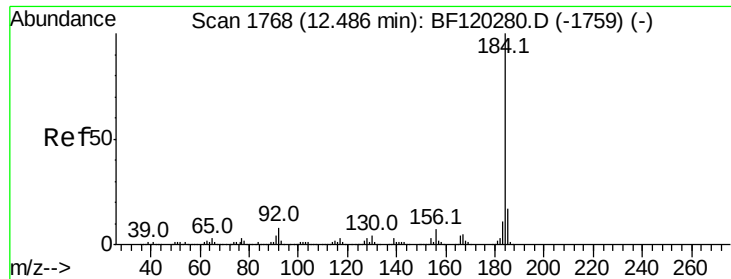
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.75 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion:240 Resp: 693241
Ion Ratio Lower Upper
240 100
120 13.3 10.4 15.6
236 25.6 21.0 31.6



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: 19.257 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_M

ClientSampleId :

HD-02-051920MS

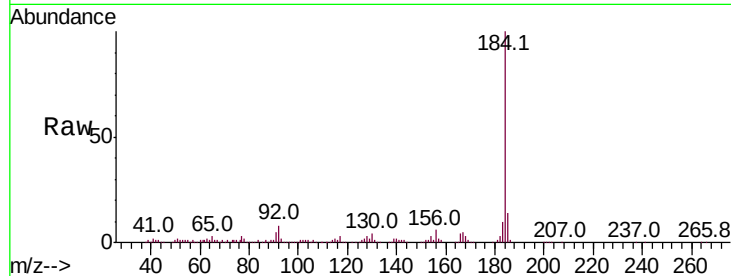
Tot Ion:184 Resp: 389836

Ion Ratio Lower Upper

184 100

185 14.3 13.7 20.5

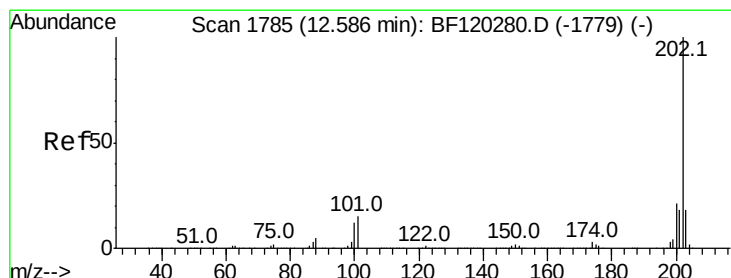
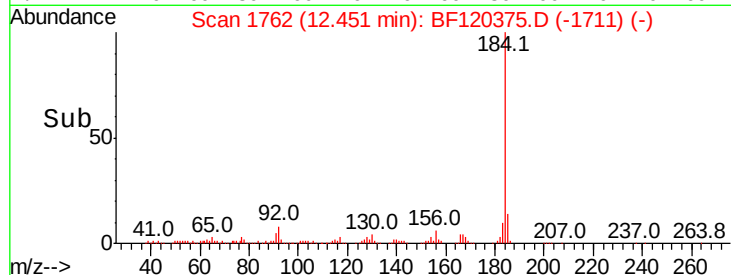
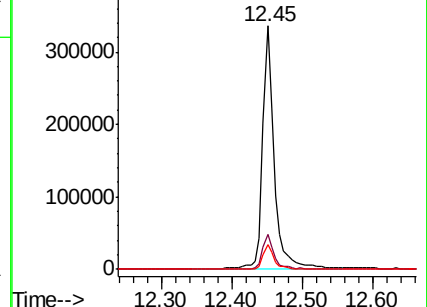
183 10.0 8.7 13.1



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: 39.940 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

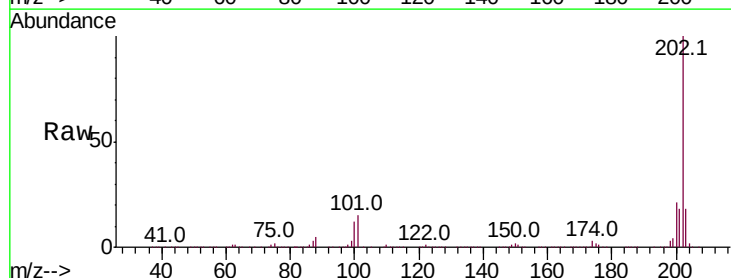
Tgt Ion:202 Resp: 1973897

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

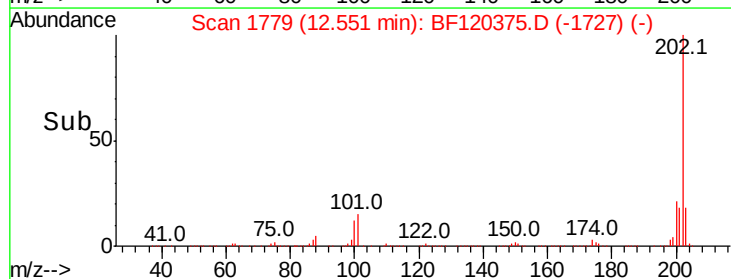
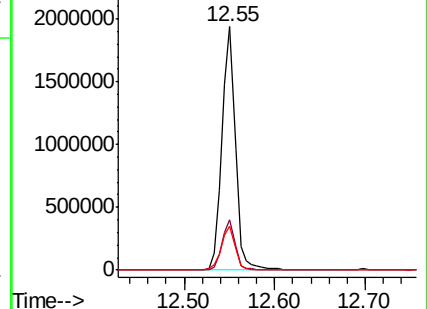
203 18.3 14.6 22.0

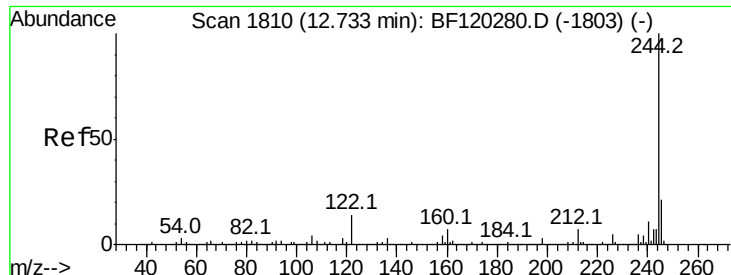


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.659 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_M

ClientSampleId :

HD-02-051920MS

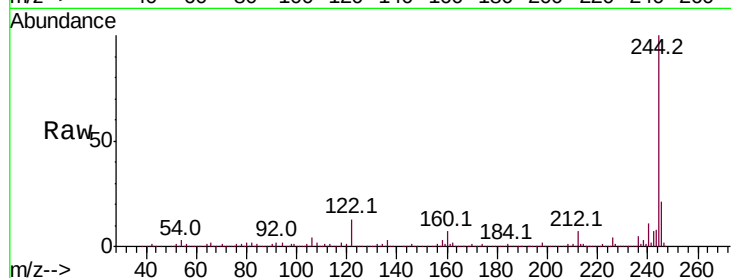
Tot Ion:244 Resp: 3001742

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

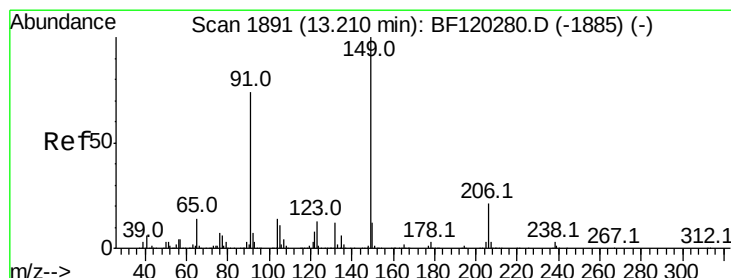
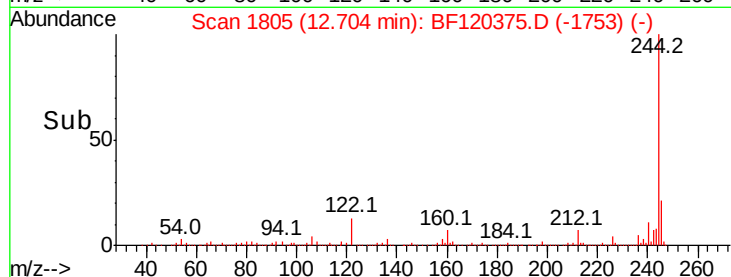
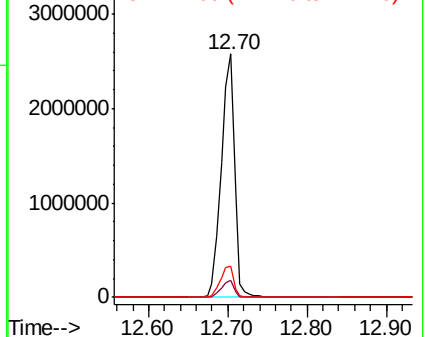
122 12.8 10.8 16.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.149 ng

RT: 13.18 min Scan# 1886

Delta R.T. 0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

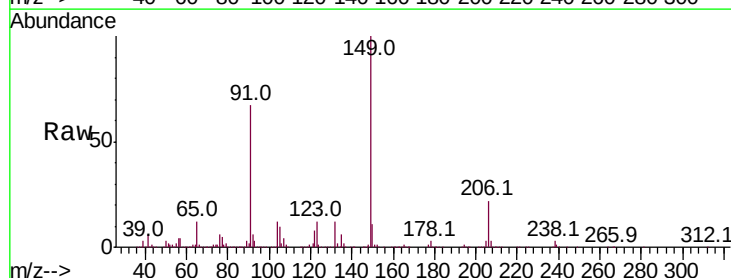
Tgt Ion:149 Resp: 887799

Ion Ratio Lower Upper

149 100

91 66.6 59.0 88.4

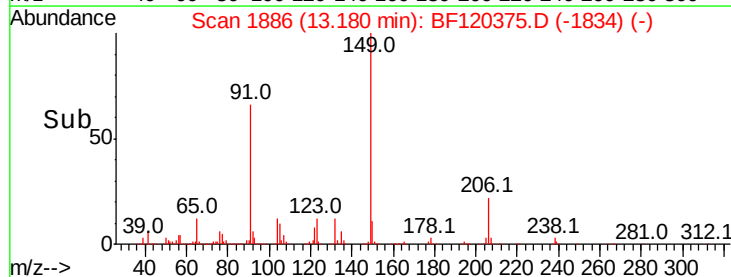
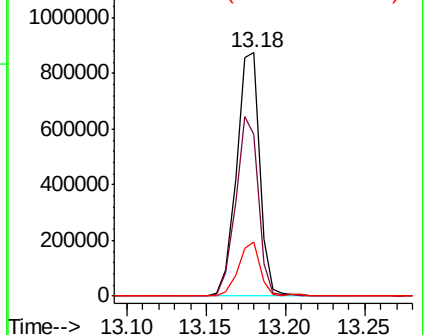
206 22.4 16.8 25.2

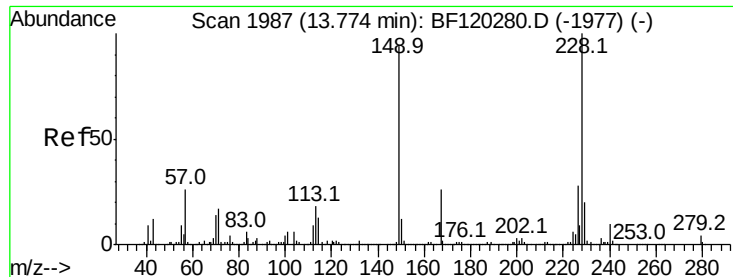


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.539 ng

RT: 13.74 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_M

ClientSampleId :

HD-02-051920MS

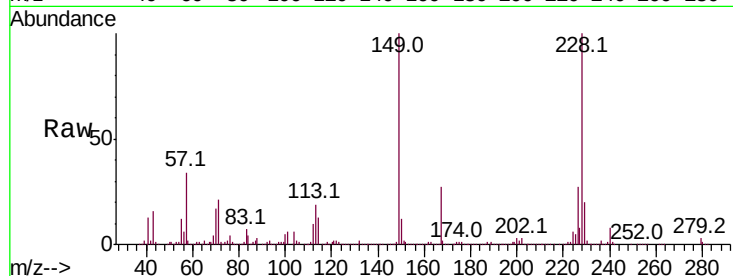
Tot Ion:228 Resp: 1445692

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

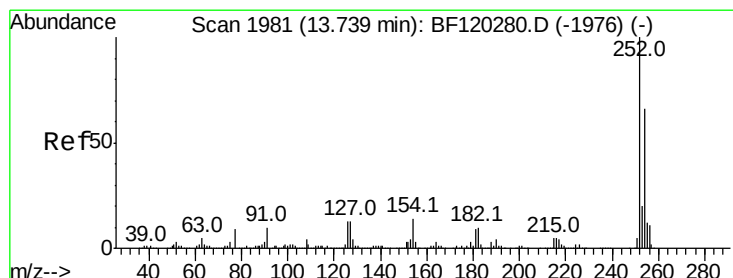
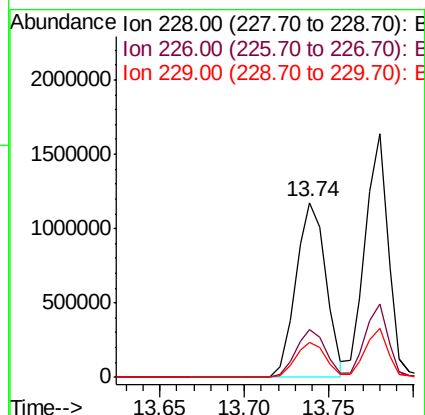
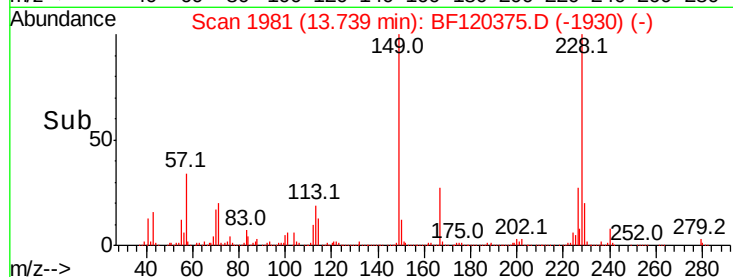
229 20.1 16.4 24.6



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: 18.919 ng

RT: 13.71 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

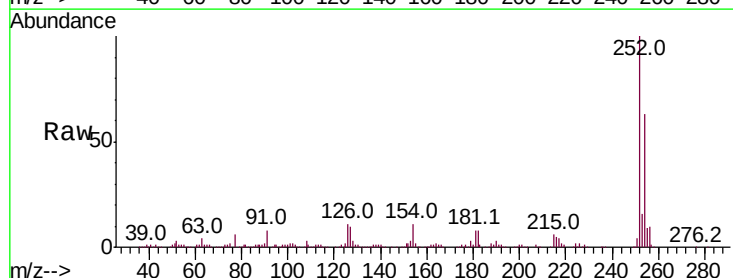
Tgt Ion:252 Resp: 260689

Ion Ratio Lower Upper

252 100

254 62.8 52.6 78.8

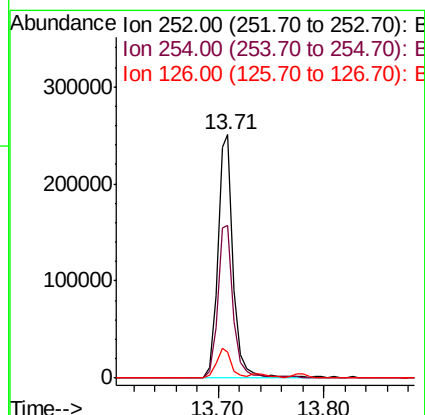
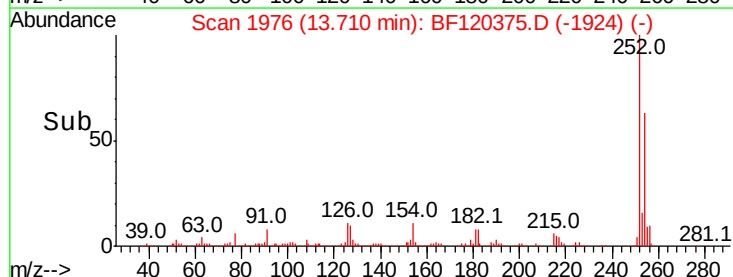
126 10.8 10.7 16.1

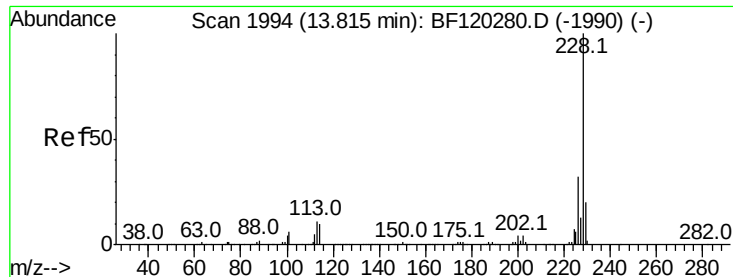


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.056 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

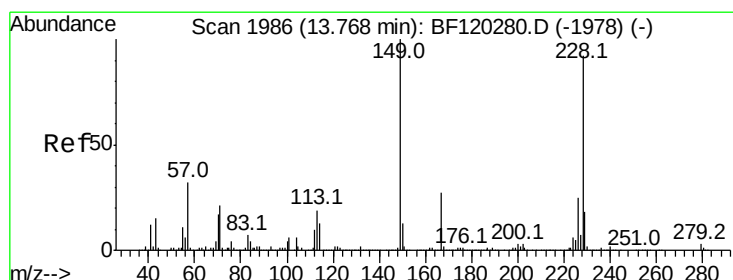
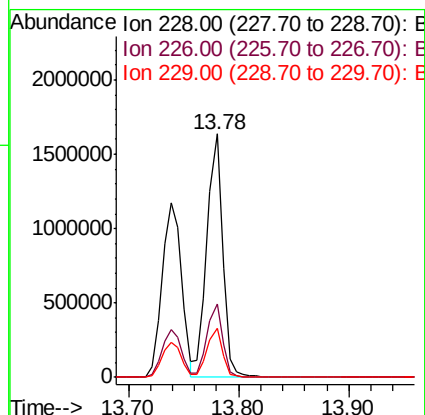
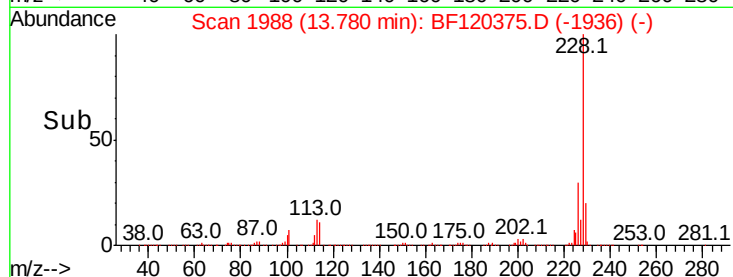
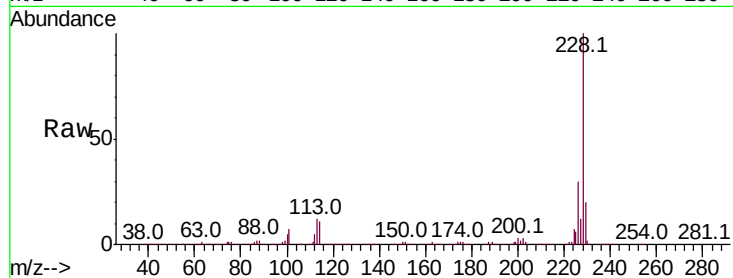
BNA_M

ClientSampleId :

HD-02-051920MS

Tot Ion:228 Resp: 1572723

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.9	16.2	24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.265 ng

RT: 13.74 min Scan# 1981

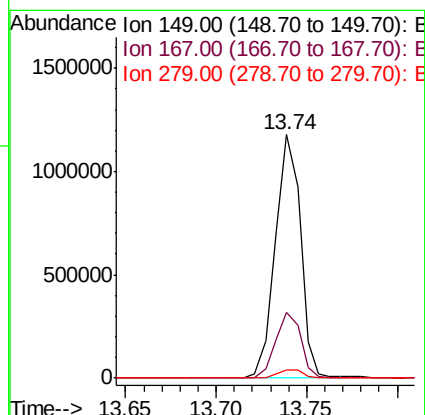
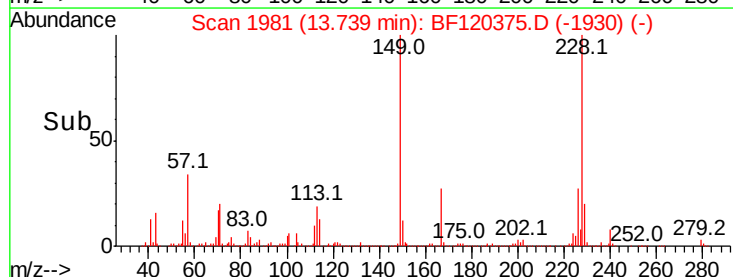
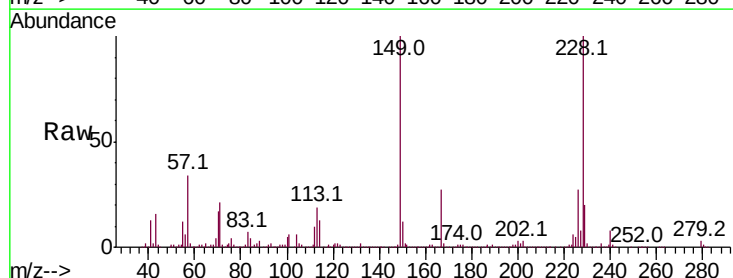
Delta R.T. -0.00 min

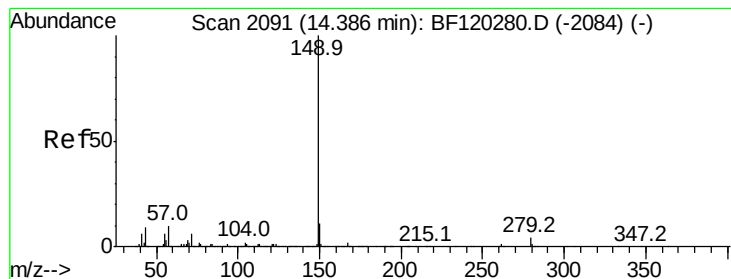
Lab File: BF120375.D

Acq: 20 May 2020 17:46

Tgt Ion:149 Resp: 1136877

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.8	32.8
279	3.3	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 39.133 ng

RT: 14.35 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_M

ClientSampleId :

HD-02-051920MS

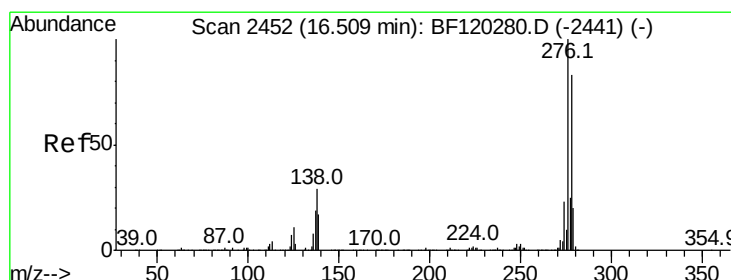
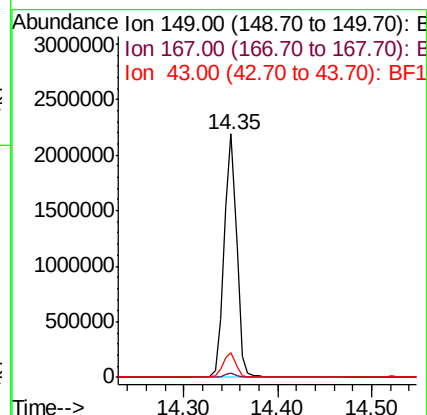
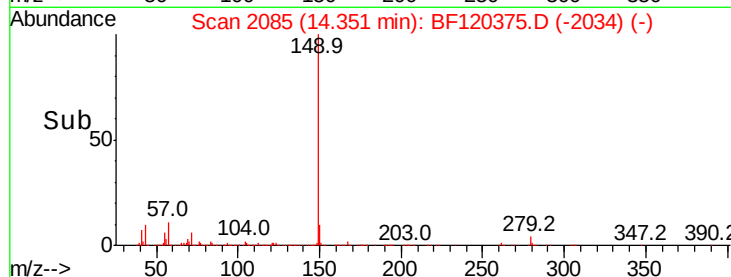
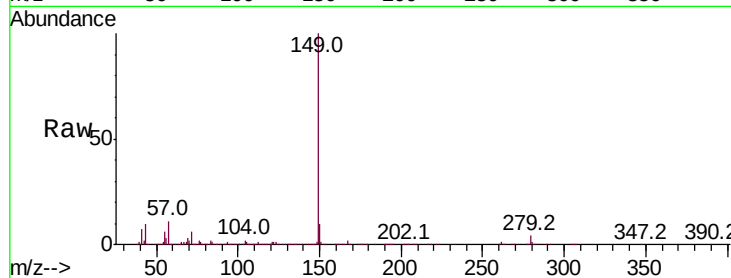
Tot Ion:149 Resp: 2038356

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.1 7.5 11.3



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.926 ng

RT: 16.44 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

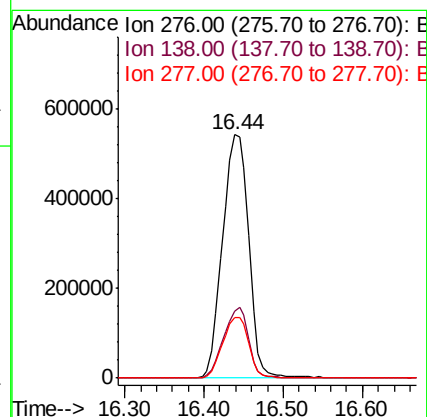
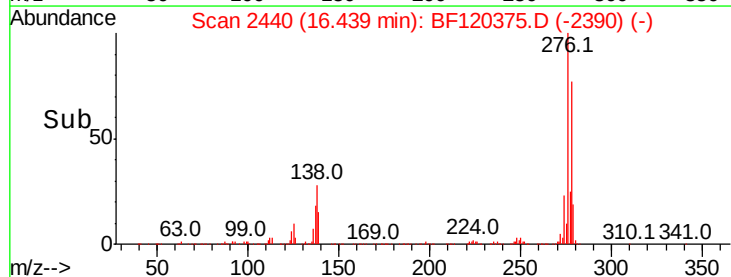
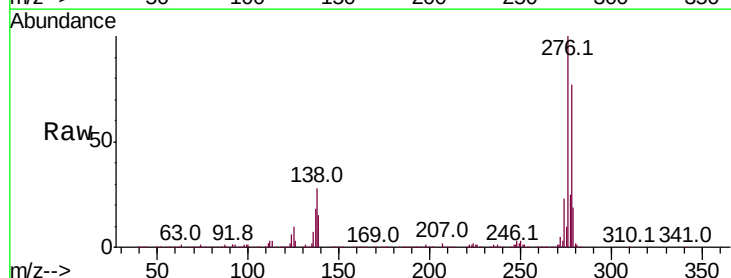
Tgt Ion:276 Resp: 1244600

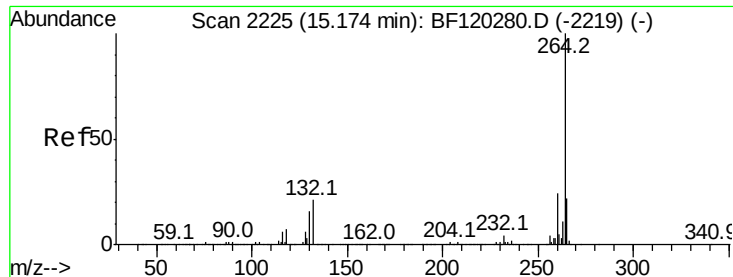
Ion Ratio Lower Upper

276 100

138 27.6 23.3 34.9

277 25.0 20.2 30.4

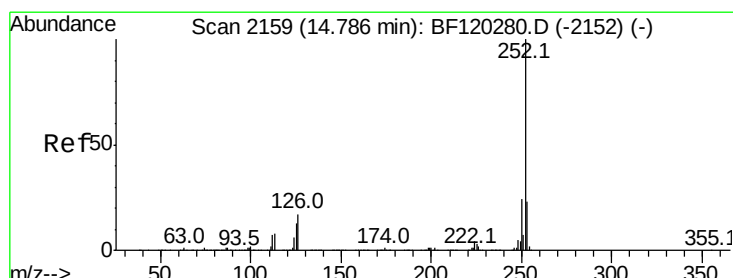
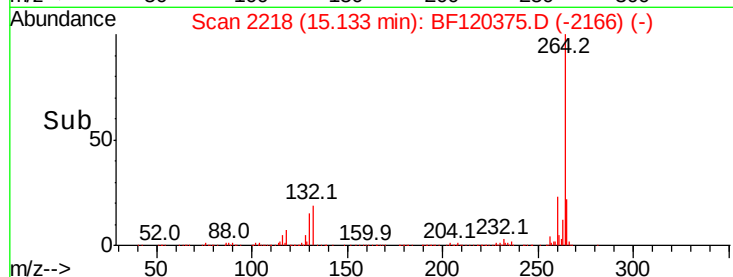
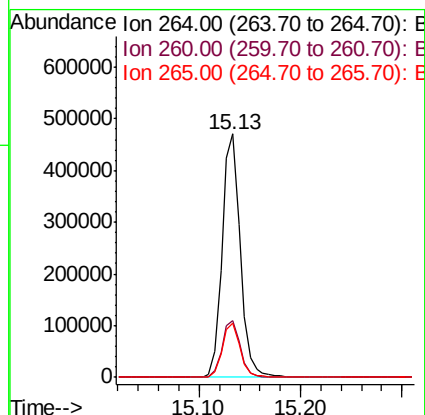
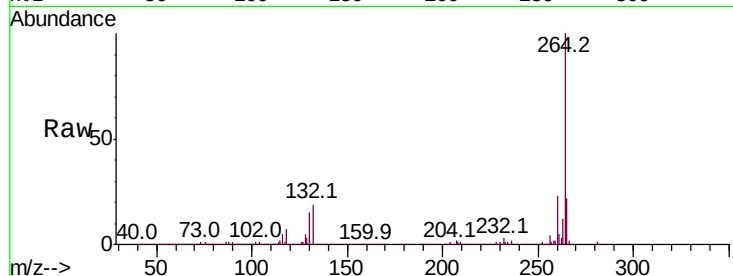




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

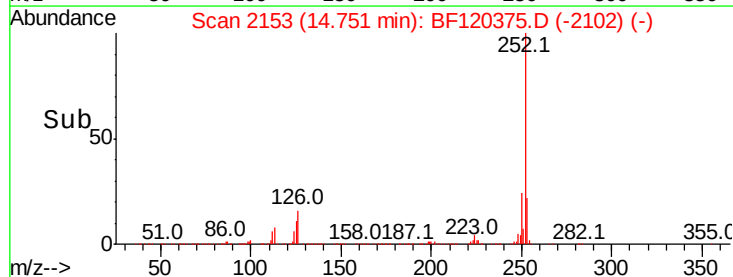
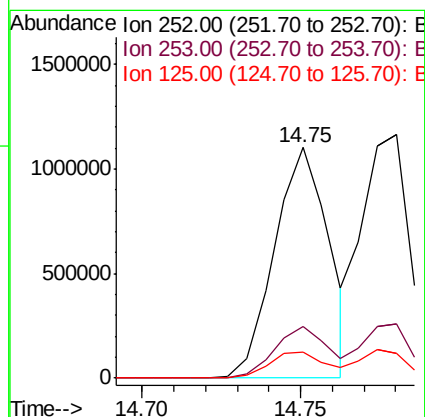
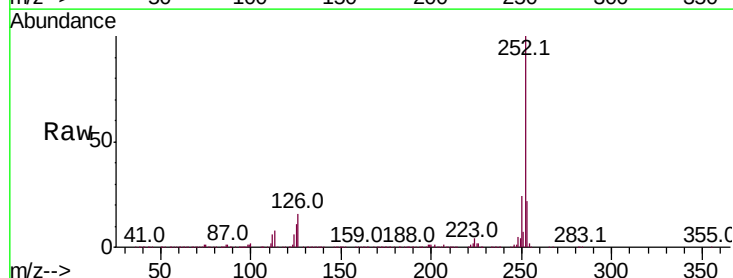
Instrument :
BNA_M
ClientSampleId :
HD-02-051920MS

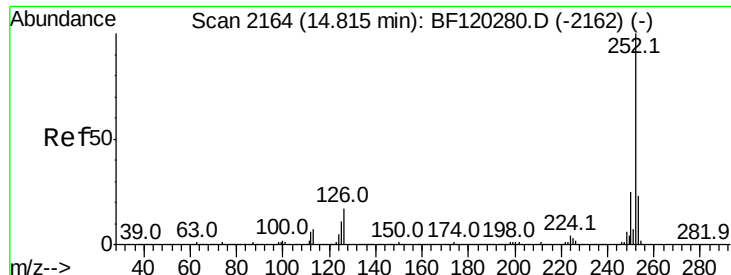
Tot Ion:264 Resp: 584304
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 22.1 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 41.266 ng
RT: 14.75 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion:252 Resp: 1316814
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 11.1 10.4 15.6

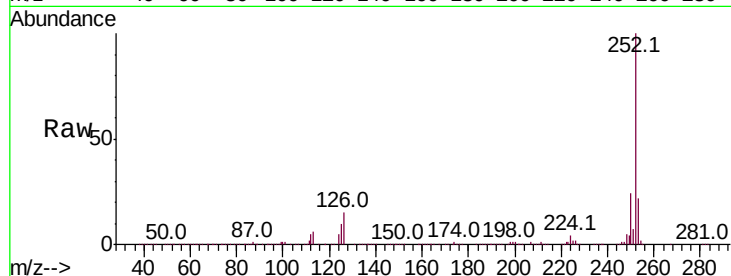




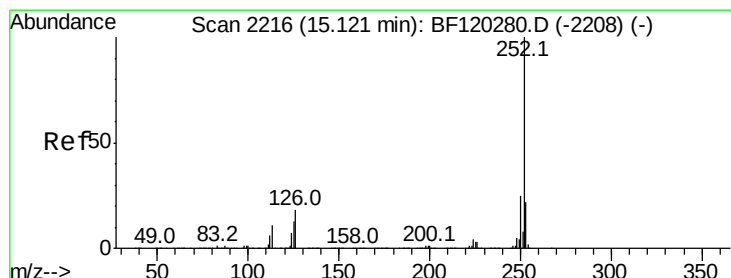
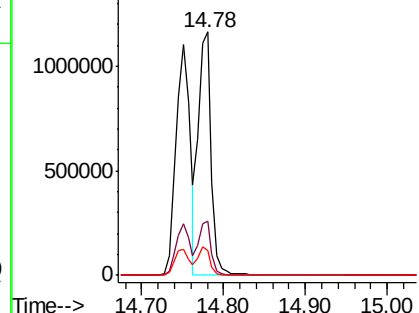
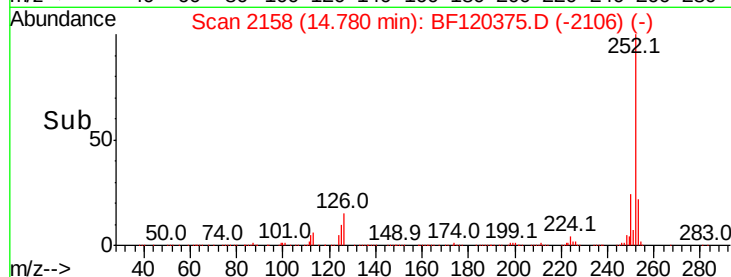
#89
Benzo(k)fluoranthene
Concen: 45.611 ng
RT: 14.78 min Scan# 2158
Delta R.T. 0.01 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Instrument :
BNA_M
ClientSampleId :
HD-02-051920MS

Tot Ion:252 Resp: 1260969
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 10.1 9.9 14.9

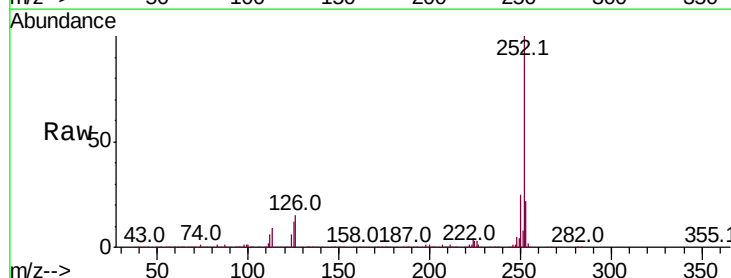


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

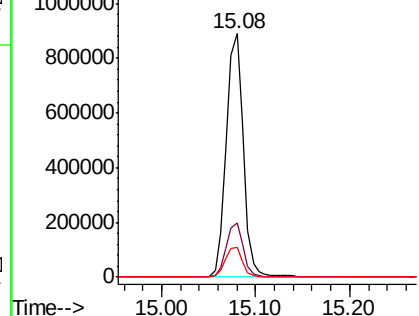
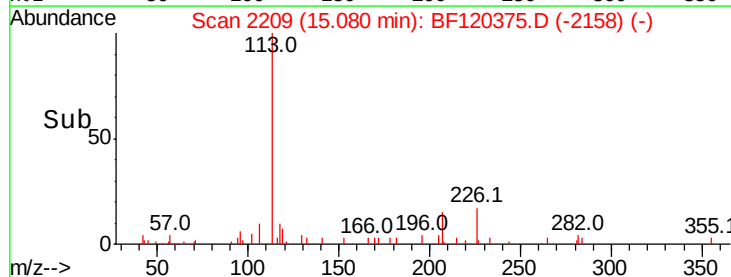


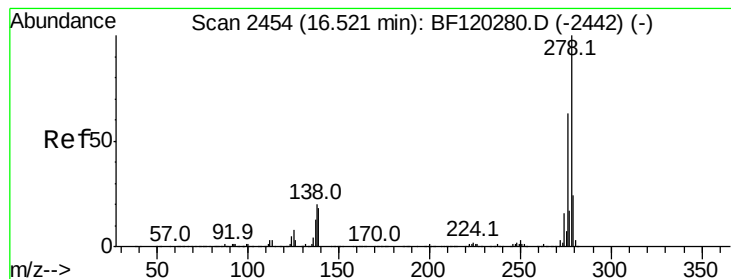
#90
Benzo(a)pyrene
Concen: 39.543 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion:252 Resp: 1131636
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 12.1 10.6 16.0



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





#91

Dibenzo(a,h)anthracene

Concen: 40.802 ng

RT: 16.45 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_M

ClientSampleId :

HD-02-051920MS

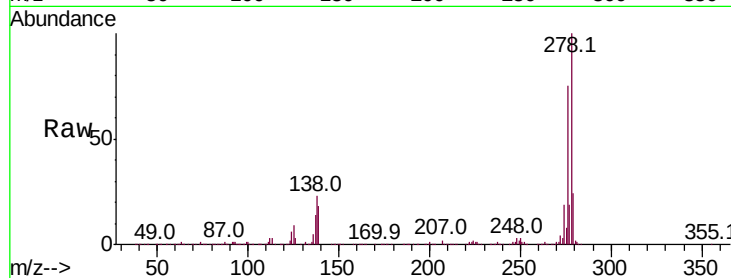
Tot Ion:278 Resp: 1034426

Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.7	22.1
279	23.5	19.2	28.8

278 100

139 17.8 14.7 22.1

279 23.5 19.2 28.8

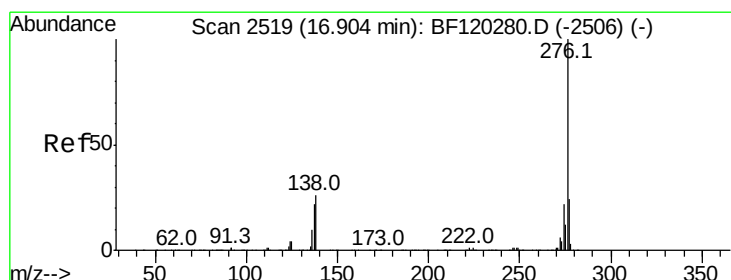
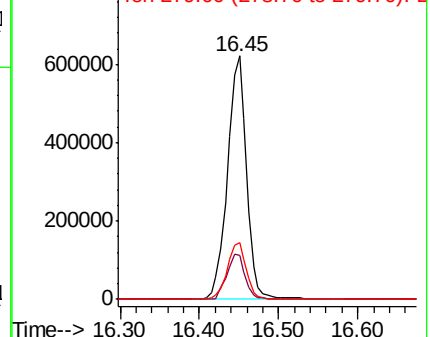
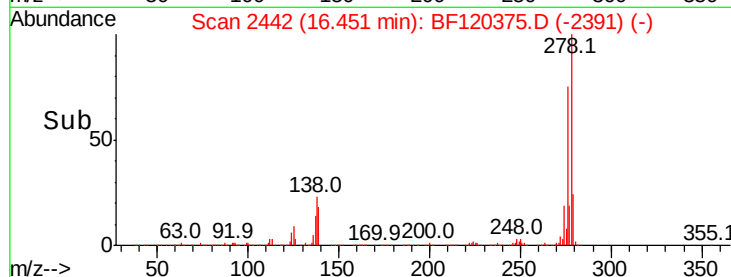


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.503 ng

RT: 16.83 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

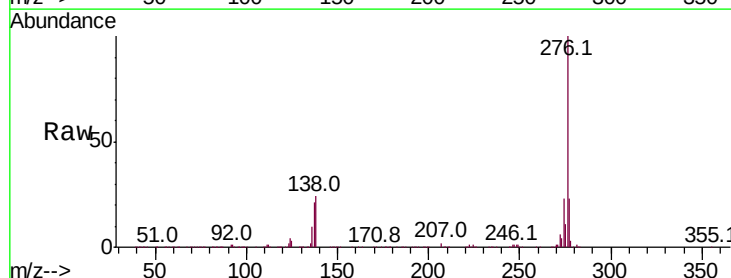
Tgt Ion:276 Resp: 1009920

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.1	28.7
138	23.9	20.8	31.2

276 100

277 23.2 19.1 28.7

138 23.9 20.8 31.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

