

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111220\
 Data File : BF122316.D
 Acq On : 12 Nov 2020 15:31
 Operator : JU/CG
 Sample : L4702-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-5(10-20)MS

Quant Time: Nov 12 16:10:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	263466	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1046533	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	554540	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	1027388	20.00	ng	0.00
76) Chrysene-d12	14.033	240	851562	20.00	ng	0.00
86) Perylene-d12	15.498	264	737703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	2256472	131.51	ng	0.01
7) Phenol-d6	6.492	99	2934388	130.73	ng	0.00
23) Nitrobenzene-d5	7.433	82	1846806	108.03	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	870950	146.33	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2979454	83.95	ng	0.00
79) Terphenyl-d14	12.980	244	2902354	72.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.698	88	338200	42.98	ng	91
3) Pyridine	3.440	79	968456	44.75	ng	93
4) n-Nitrosodimethylamine	3.393	42	485039	47.54	ng	100
6) Aniline	6.528	93	746989	25.36	ng	97
8) 2-Chlorophenol	6.651	128	902745	50.73	ng	91
9) Benzaldehyde	6.410	77	174068	11.12	ng	99
10) Phenol	6.504	94	1138038	51.48	ng	80
11) bis(2-Chloroethyl)ether	6.604	93	846016	48.15	ng	93
12) 1,3-Dichlorobenzene	6.810	146	948319	46.94	ng	97
13) 1,4-Dichlorobenzene	6.886	146	958138	47.22	ng	97
14) 1,2-Dichlorobenzene	7.039	146	924373	48.81	ng	98
15) Benzyl Alcohol	7.004	79	786675	49.29	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1232247	48.12	ng	98
17) 2-Methylphenol	7.116	107	736943	49.62	ng	100
18) Hexachloroethane	7.381	117	350401	49.58	ng	99
19) n-Nitroso-di-n-propyla...	7.286	70	646575	48.20	ng	94
20) 3+4-Methylphenols	7.269	107	904339	49.48	ng	# 81
22) Acetophenone	7.275	105	1172621	43.02	ng	92
24) Nitrobenzene	7.451	77	960618	49.11	ng	94
25) Isophorone	7.692	82	1710213	44.88	ng	96
26) 2-Nitrophenol	7.763	139	448082	52.09	ng	95
27) 2,4-Dimethylphenol	7.798	122	846816	47.11	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	1070787	45.94	ng	98
29) 2,4-Dichlorophenol	8.004	162	774156	48.64	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	797252	45.39	ng	96
31) Naphthalene	8.175	128	2489983	44.75	ng	98
32) Benzoic acid	7.922	122	571435	55.86	ng	99
33) 4-Chloroaniline	8.216	127	277505	11.45	ng	96
34) Hexachlorobutadiene	8.292	225	461138	45.68	ng	99
35) Caprolactam	8.586	113	135323	26.83	ng	90
36) 4-Chloro-3-methylphenol	8.698	107	799484	48.16	ng	95
37) 2-Methylnaphthalene	8.869	142	1681514	45.75	ng	99
38) 1-Methylnaphthalene	8.969	142	1581800	45.97	ng	98
40) 1,2,4,5-Tetrachloroben...	9.033	216	761702	44.58	ng	99
41) Hexachlorocyclopentadiene	9.022	237	912377	91.32	ng	96
43) 2,4,6-Trichlorophenol	9.139	196	573630	51.69	ng	100

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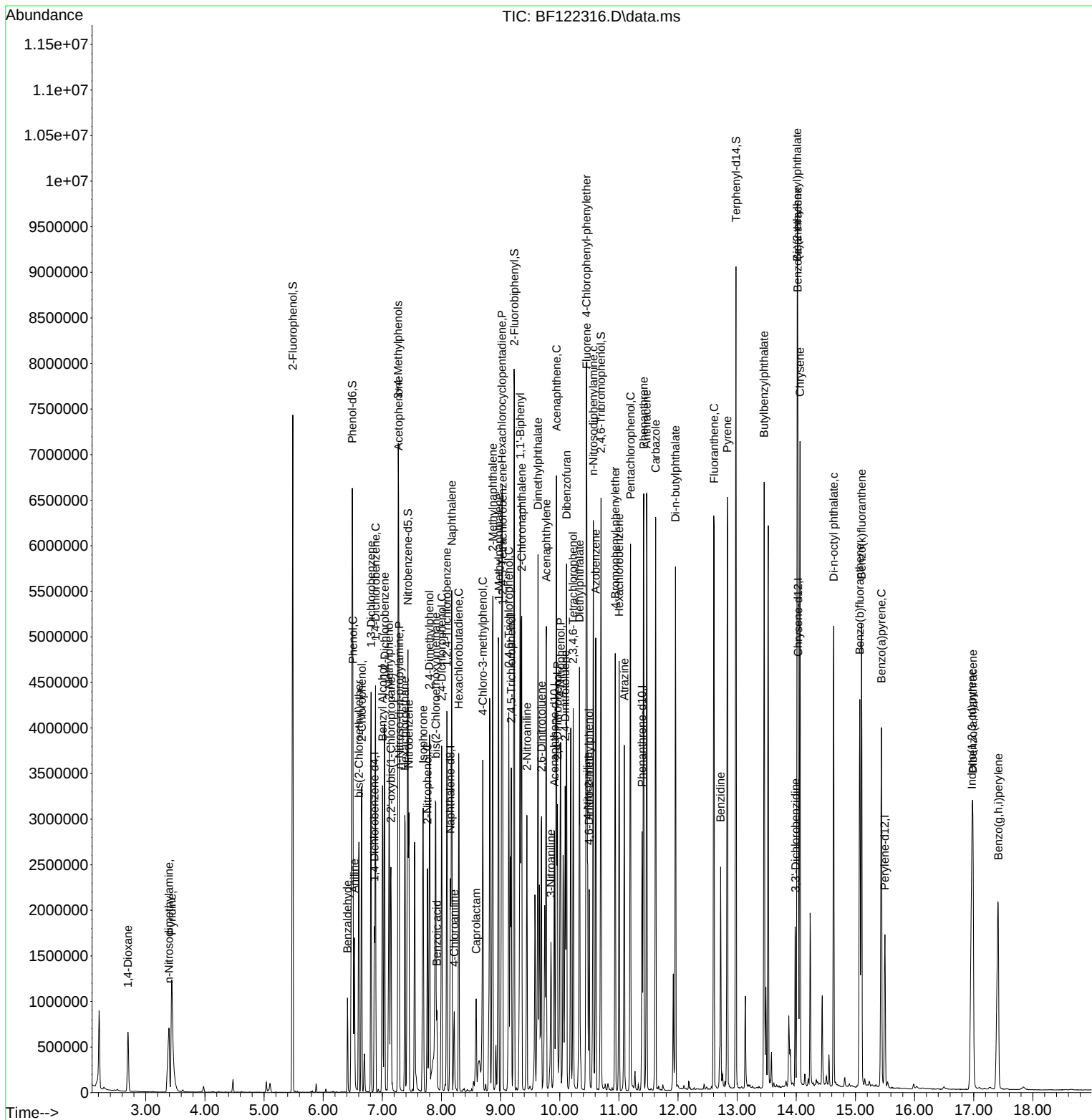
Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	575476	49.47	ng	99
46) 1,1'-Biphenyl	9.333	154	1984221	44.95	ng	99
47) 2-Chloronaphthalene	9.357	162	1577220	45.02	ng	97
48) 2-Nitroaniline	9.445	65	507803	48.59	ng	96
49) Acenaphthylene	9.774	152	2447998	45.46	ng	98
50) Dimethylphthalate	9.633	163	2433294	61.73	ng	99
51) 2,6-Dinitrotoluene	9.692	165	430111	48.95	ng	87
52) Acenaphthene	9.945	154	1688344	50.66	ng	98
53) 3-Nitroaniline	9.851	138	240167	25.81	ng	99
54) 2,4-Dinitrophenol	9.963	184	377976	92.69	ng	94
55) Dibenzofuran	10.116	168	2244425	45.96	ng	100
56) 4-Nitrophenol	10.016	139	773192	89.26	ng	96
57) 2,4-Dinitrotoluene	10.092	165	579286	51.97	ng	96
58) Fluorene	10.457	166	1699774	45.46	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	505883	52.29	ng	100
60) Diethylphthalate	10.333	149	1834337	47.44	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	819694	46.44	ng	99
62) 4-Nitroaniline	10.474	138	443967	45.60	ng	96
63) Azobenzene	10.610	77	1865134	45.98	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	268200	56.29	ng	96
66) n-Nitrosodiphenylamine	10.569	169	1582423	45.21	ng	93
67) 4-Bromophenyl-phenylether	10.939	248	568694	47.10	ng	99
68) Hexachlorobenzene	11.004	284	607480	46.57	ng	98
69) Atrazine	11.092	200	444302	50.97	ng	98
70) Pentachlorophenol	11.198	266	741760	98.70	ng	99
71) Phenanthrene	11.421	178	2580929	44.28	ng	98
72) Anthracene	11.468	178	2661638	44.30	ng	98
73) Carbazole	11.621	167	2433674	44.53	ng	98
74) Di-n-butylphthalate	11.957	149	2746736	47.14	ng	98
75) Fluoranthene	12.610	202	2756711	45.30	ng	96
77) Benzidine	12.721	184	787320	33.33	ng	99
78) Pyrene	12.833	202	2806574	46.91	ng	98
80) Butylbenzylphthalate	13.457	149	1170197	48.72	ng	98
81) Benzo(a)anthracene	14.021	228	2370617	44.76	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	365567	18.52	ng	99
83) Chrysene	14.062	228	2407101	45.13	ng	96
84) Bis(2-ethylhexyl)phtha...	14.015	149	1400389	48.55	ng	98
85) Di-n-octyl phthalate	14.633	149	2421099	49.52	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	2171202	49.05	ng	99
88) Benzo(b)fluoranthene	15.074	252	2218038	46.43	ng	100
89) Benzo(k)fluoranthene	15.104	252	2149119	46.13	ng	98
90) Benzo(a)pyrene	15.439	252	1921690	46.14	ng	98
91) Dibenzo(a,h)anthracene	16.986	278	1787189	48.20	ng	99
92) Benzo(g,h,i)perylene	17.415	276	1842020	51.09	ng	99

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

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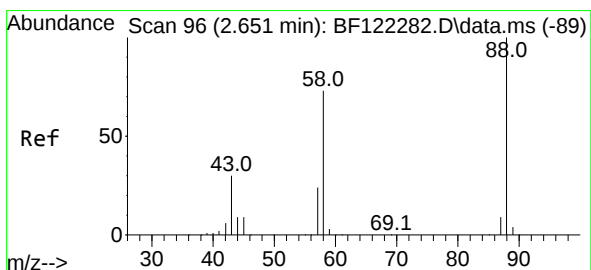
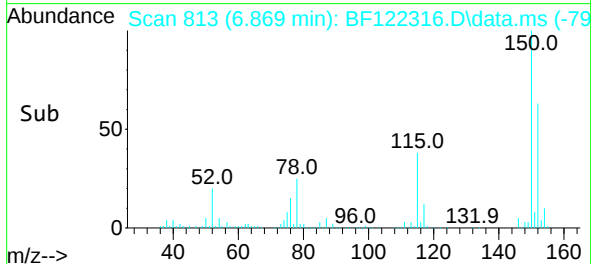
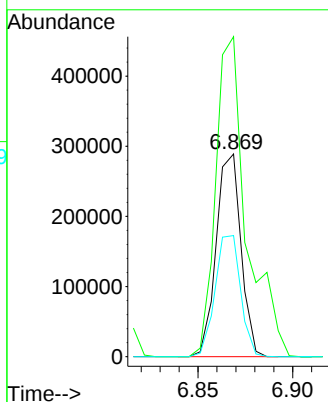
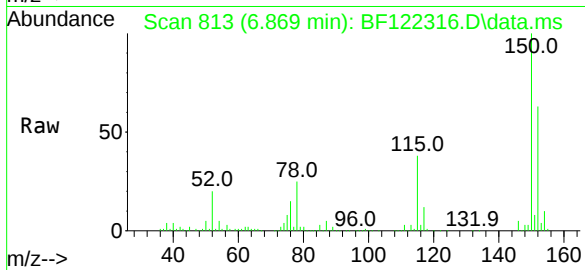




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.869 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: BF122316.D
 Acq: 12 Nov 2020 15:31

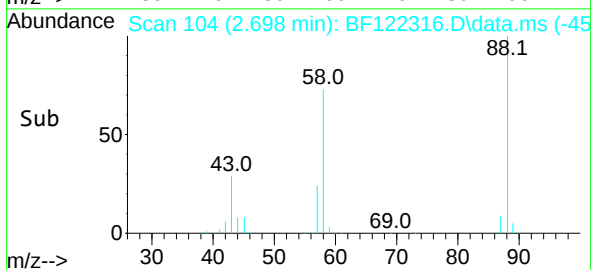
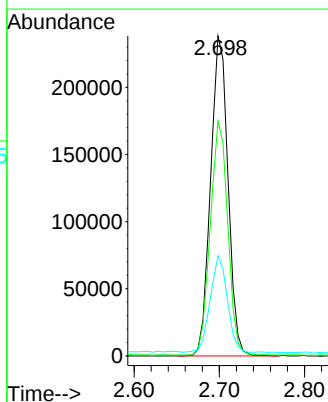
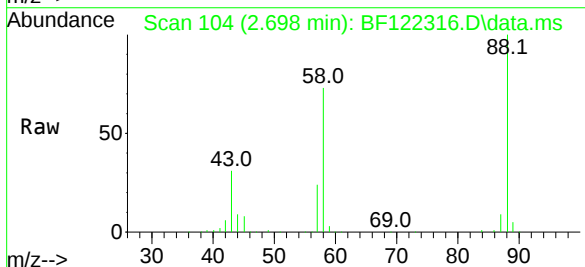
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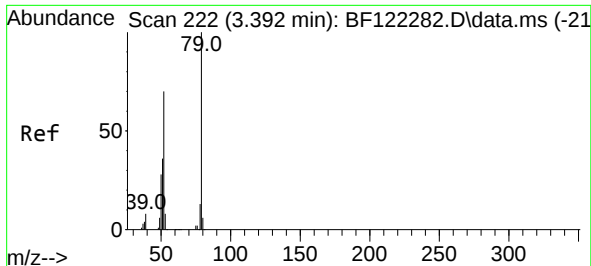
Tgt Ion:152 Resp: 263466
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.3 187.9
 115 59.8 51.9 77.9



#2
 1,4-Dioxane
 Concen: 42.98 ng
 RT: 2.698 min Scan# 104
 Delta R.T. 0.047 min
 Lab File: BF122316.D
 Acq: 12 Nov 2020 15:31

Tgt Ion: 88 Resp: 338200
 Ion Ratio Lower Upper
 88 100
 58 73.1 65.8 98.8
 43 29.6 25.8 38.8

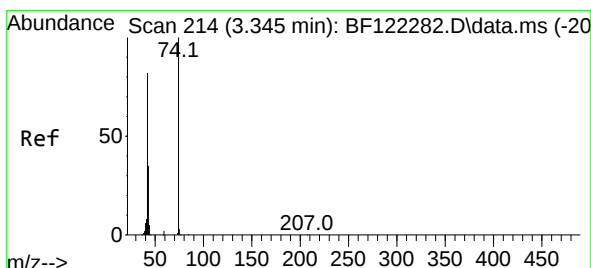
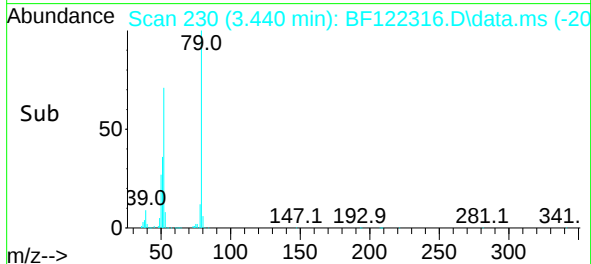
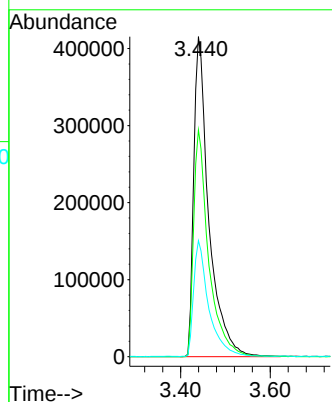
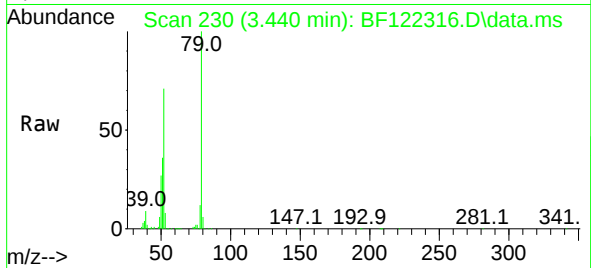




#3
Pyridine
Concen: 44.75 ng
RT: 3.440 min Scan# 230
Delta R.T. 0.047 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

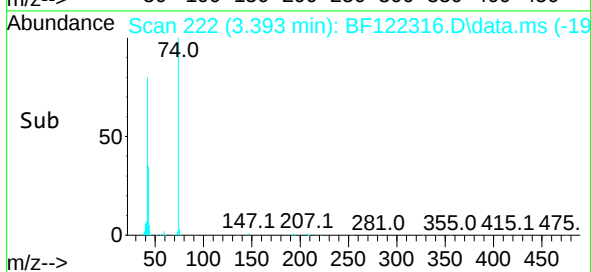
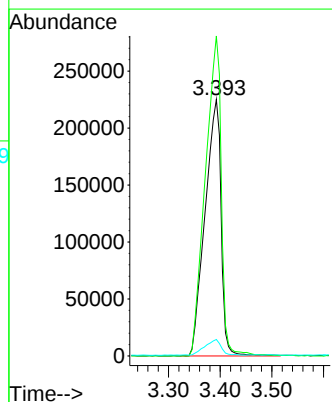
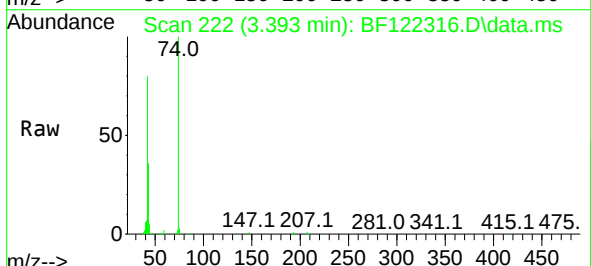
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

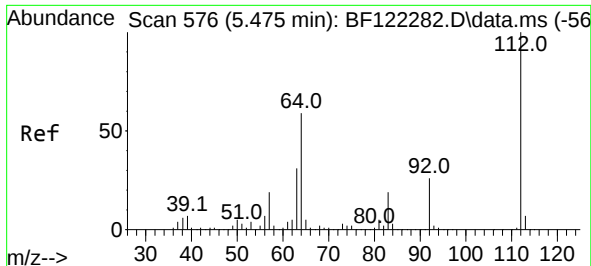
Tgt Ion: 79 Resp: 968456
Ion Ratio Lower Upper
79 100
52 70.9 62.2 93.4
51 36.3 31.1 46.7



#4
n-Nitrosodimethylamine
Concen: 47.54 ng
RT: 3.393 min Scan# 222
Delta R.T. 0.047 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion: 42 Resp: 485039
Ion Ratio Lower Upper
42 100
74 124.8 100.2 150.2
44 6.5 5.8 8.6

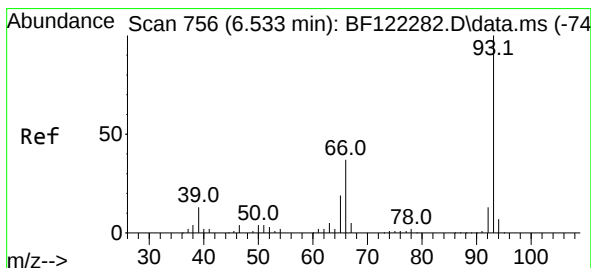
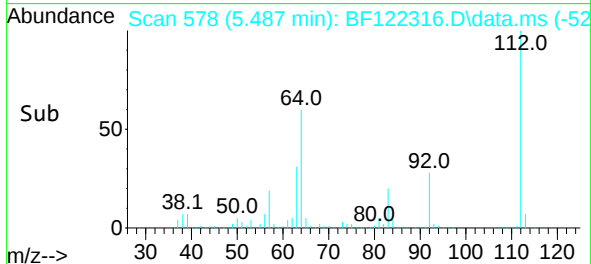
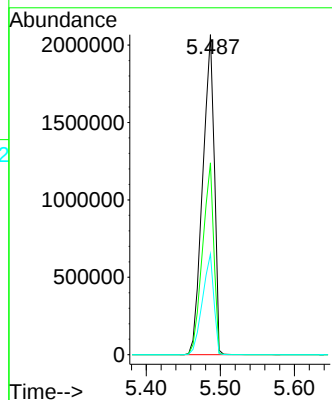
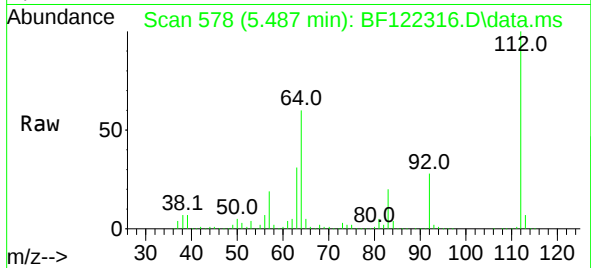




#5
2-Fluorophenol
Concen: 131.51 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

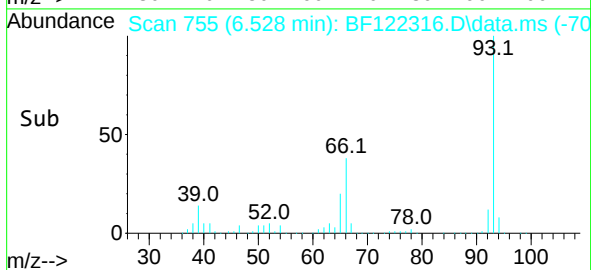
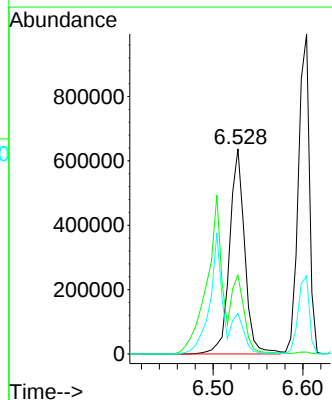
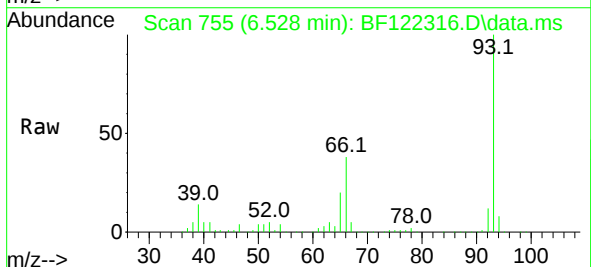
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M-5(10-20)MS

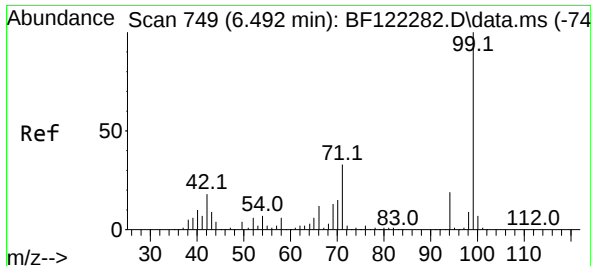
Tgt Ion:112 Resp: 2256472
Ion Ratio Lower Upper
112 100
64 59.9 50.4 75.6
63 31.5 25.8 38.6



#6
Aniline
Concen: 25.36 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion: 93 Resp: 746989
Ion Ratio Lower Upper
93 100
66 38.4 32.7 49.1
65 19.8 16.6 24.8

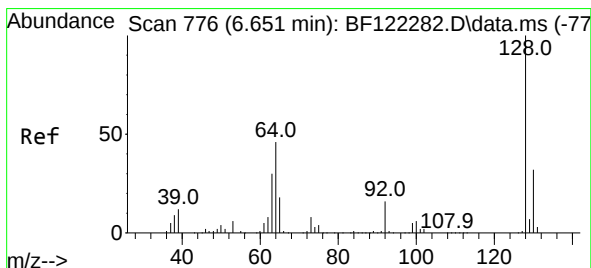
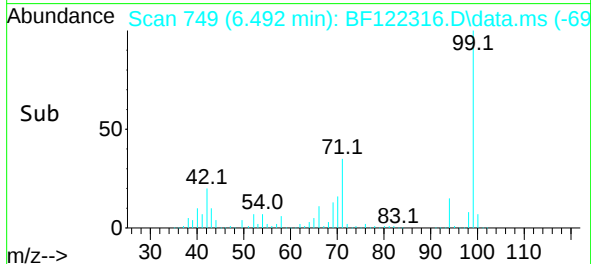
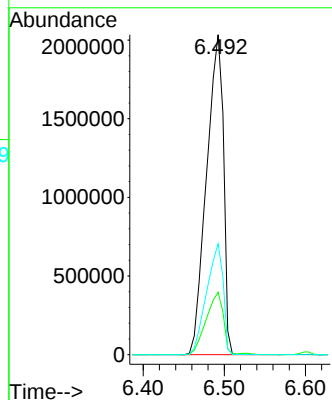
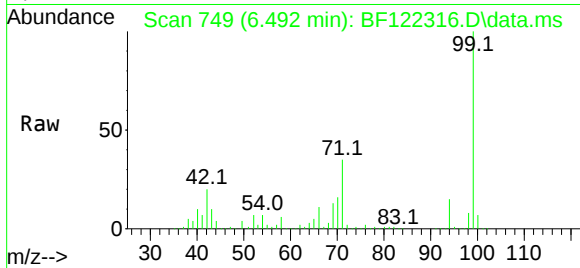




#7
Phenol-d6
Concen: 130.73 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

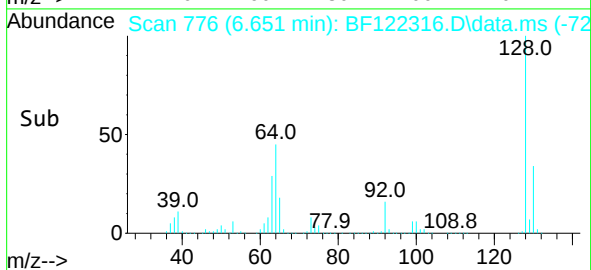
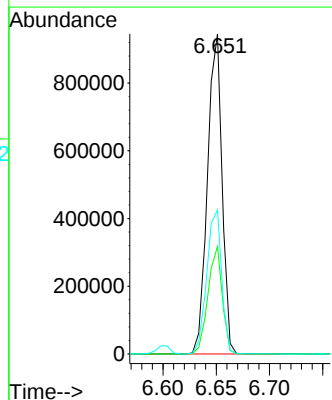
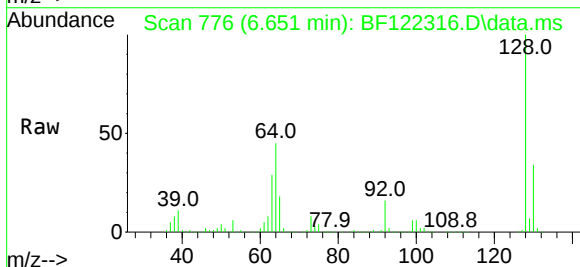
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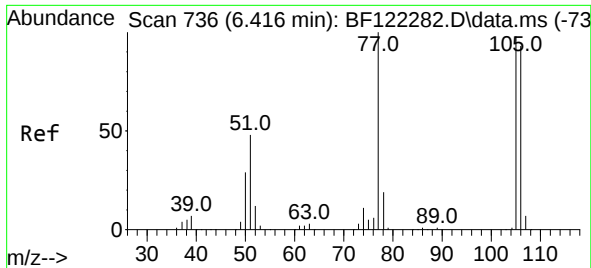
Tgt Ion: 99 Resp: 2934388
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 34.7 27.1 40.7



#8
2-Chlorophenol
Concen: 50.73 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion:128 Resp: 902745
Ion Ratio Lower Upper
128 100
130 33.6 12.4 52.4
64 45.0 34.8 74.8

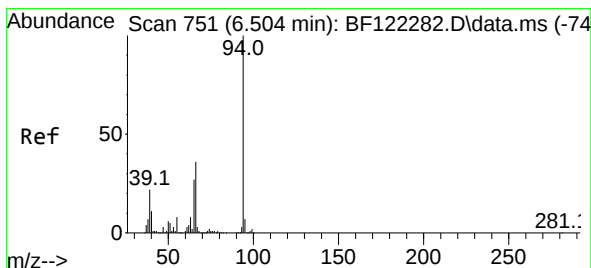
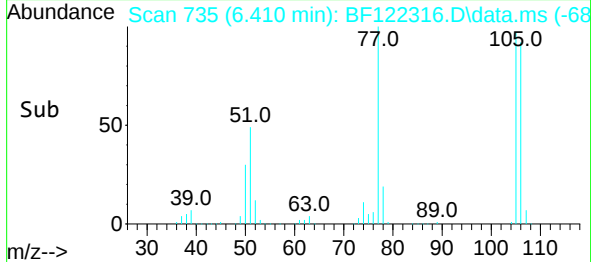
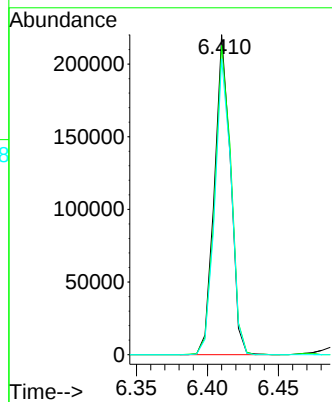
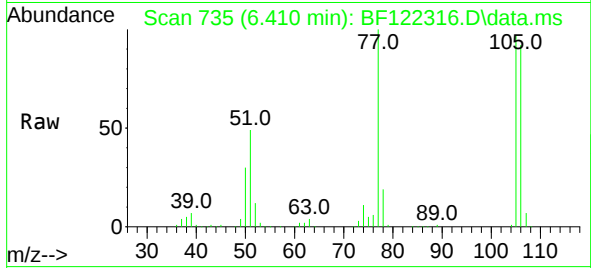




#9
Benzaldehyde
Concen: 11.12 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

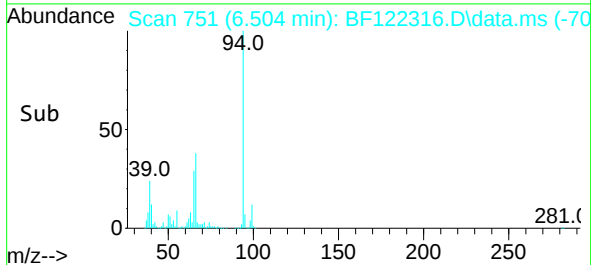
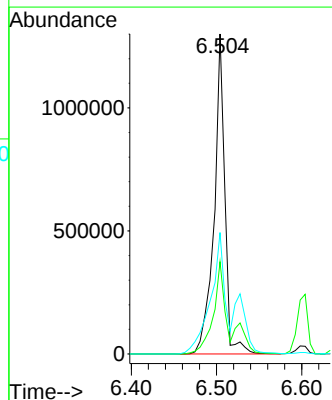
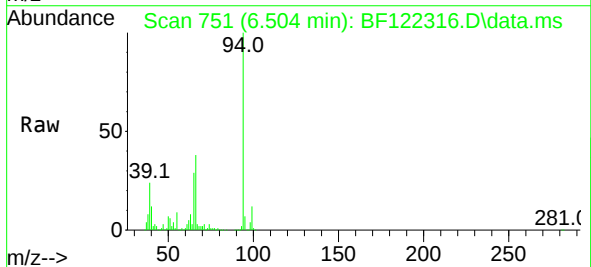
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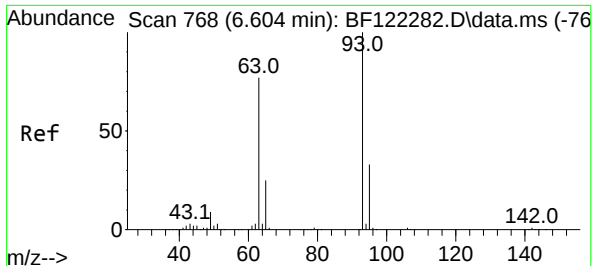
Tgt Ion:	77	Resp:	174068
Ion	Ratio	Lower	Upper
77	100		
105	96.6	76.7	116.7
106	92.4	71.3	111.3



#10
Phenol
Concen: 51.48 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion:	94	Resp:	1138038
Ion	Ratio	Lower	Upper
94	100		
65	28.9	17.1	57.1
66	38.0	36.0	76.0





#11

bis(2-Chloroethyl)ether

Concen: 48.15 ng

RT: 6.604 min Scan# 768

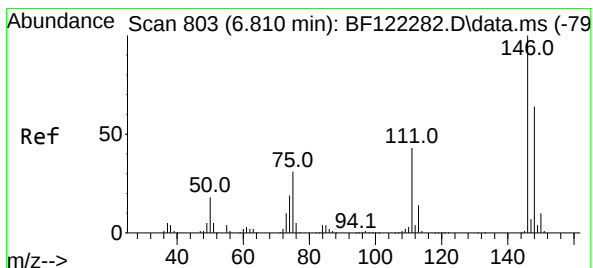
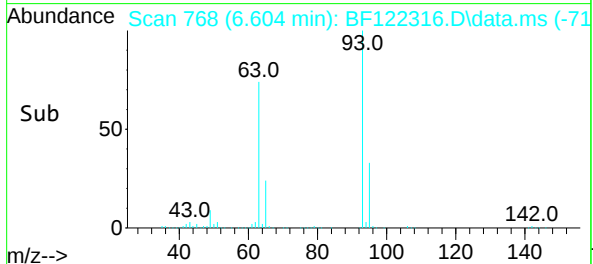
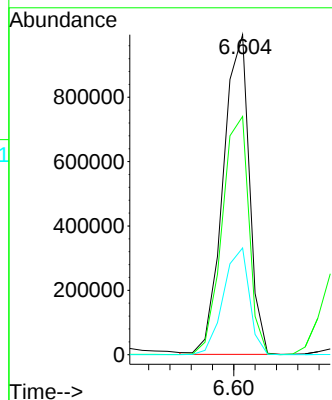
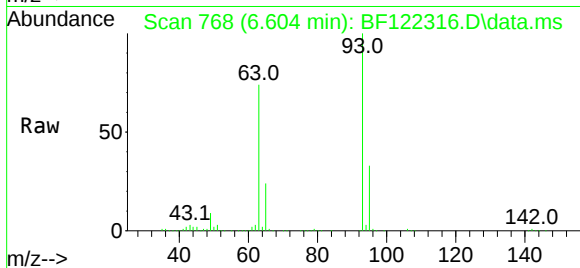
Delta R.T. 0.000 min

Lab File: BF122316.D

Acq: 12 Nov 2020 15:31

Tgt Ion: 93 Resp: 846016

Ion	Ratio	Lower	Upper
93	100		
63	74.5	62.4	102.4
95	33.3	12.6	52.6



#12

1,3-Dichlorobenzene

Concen: 46.94 ng

RT: 6.810 min Scan# 803

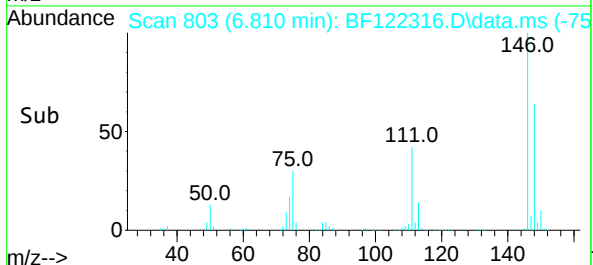
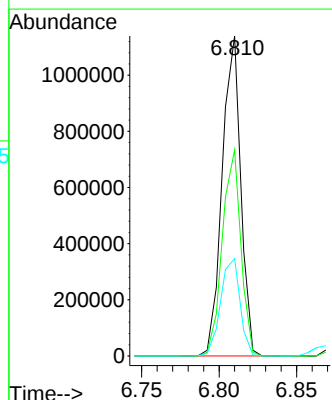
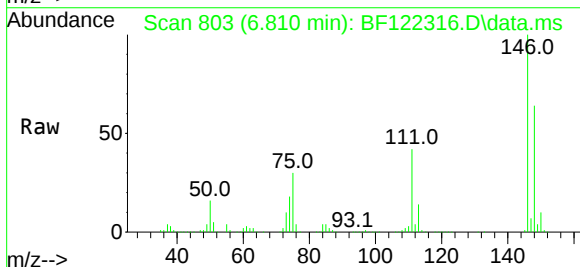
Delta R.T. 0.000 min

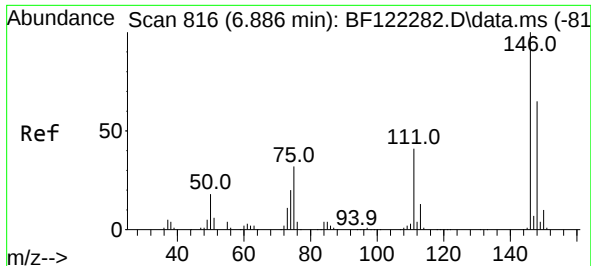
Lab File: BF122316.D

Acq: 12 Nov 2020 15:31

Tgt Ion: 146 Resp: 948319

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.0	76.4
75	30.4	27.6	41.4





#13

1,4-Dichlorobenzene

Concen: 47.22 ng

RT: 6.886 min Scan# 816

Delta R.T. 0.000 min

Lab File: BF122316.D

Acq: 12 Nov 2020 15:31

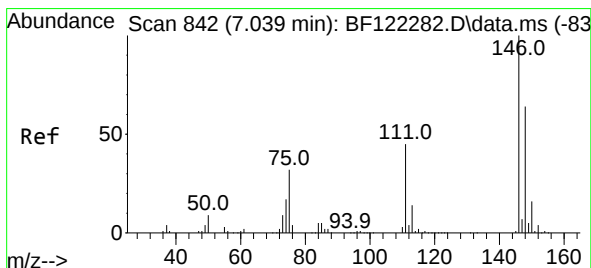
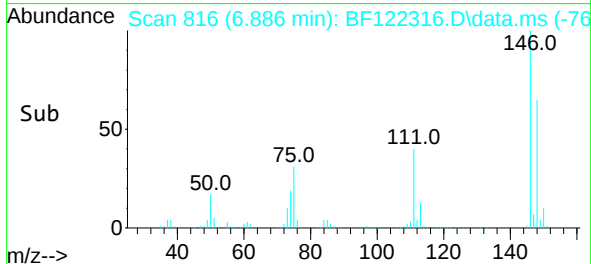
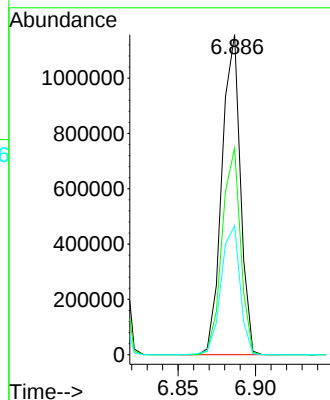
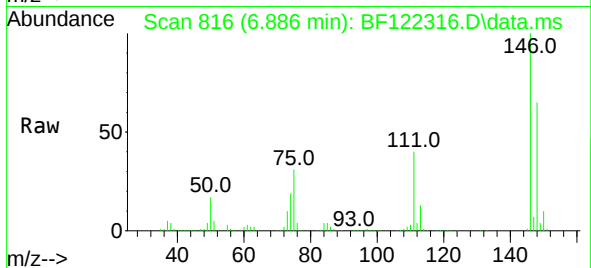
Tgt Ion:146 Resp: 958138

Ion Ratio Lower Upper

146 100

148 64.6 50.1 75.1

111 40.3 34.6 52.0



#14

1,2-Dichlorobenzene

Concen: 48.81 ng

RT: 7.039 min Scan# 842

Delta R.T. 0.000 min

Lab File: BF122316.D

Acq: 12 Nov 2020 15:31

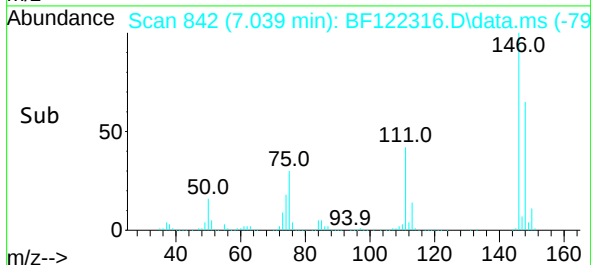
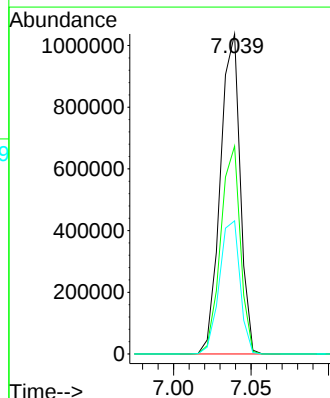
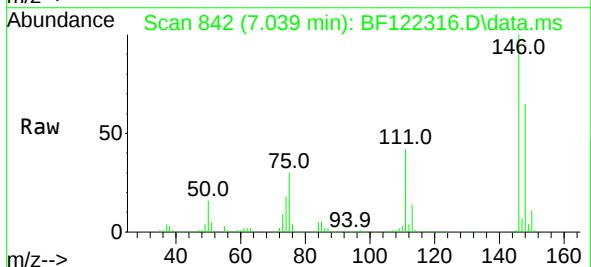
Tgt Ion:146 Resp: 924373

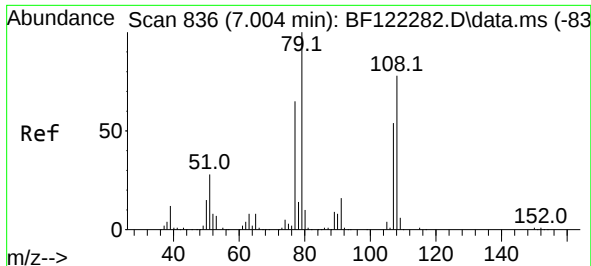
Ion Ratio Lower Upper

146 100

148 64.9 51.1 76.7

111 41.6 34.2 51.4

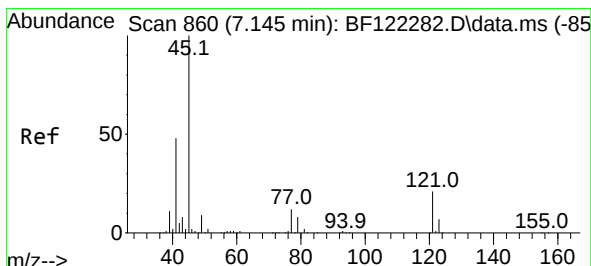
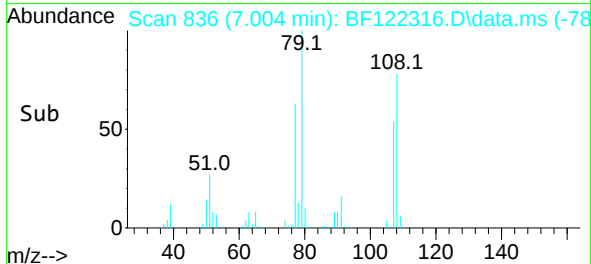
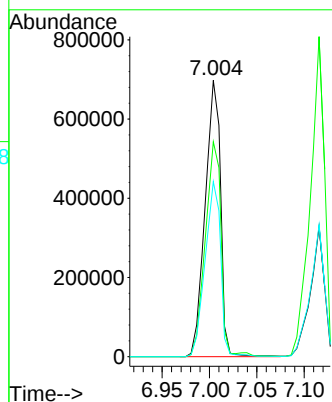
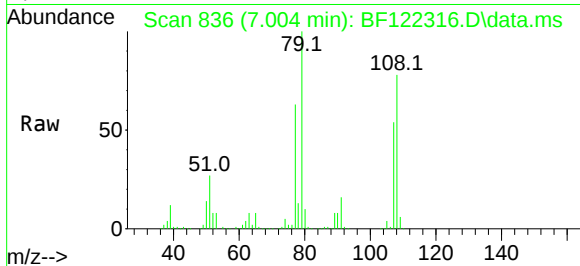




#15
Benzyl Alcohol
Concen: 49.29 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

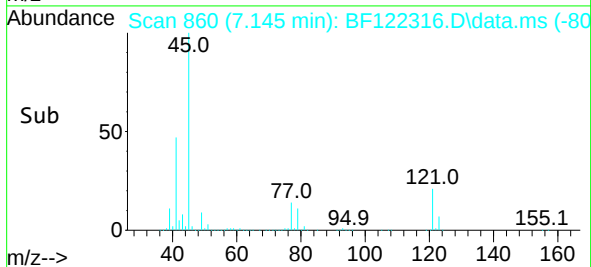
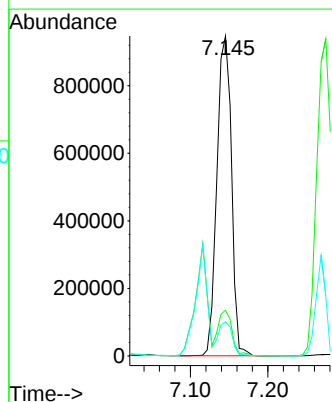
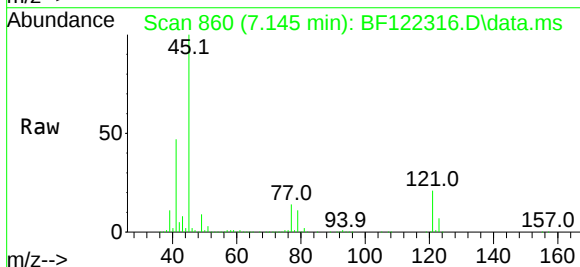
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

Tgt Ion: 79 Resp: 786675
Ion Ratio Lower Upper
79 100
108 77.8 62.3 93.5
77 63.3 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.12 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion: 45 Resp: 1232247
Ion Ratio Lower Upper
45 100
77 14.3 0.0 33.3
79 10.7 0.0 30.4

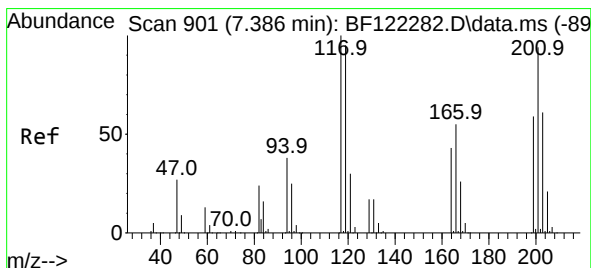
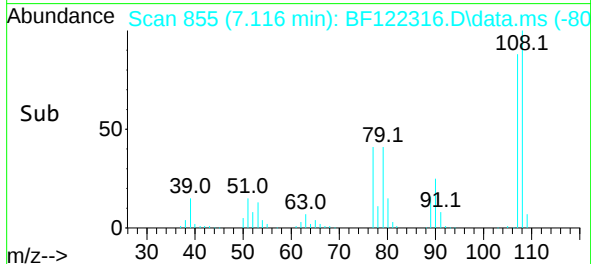
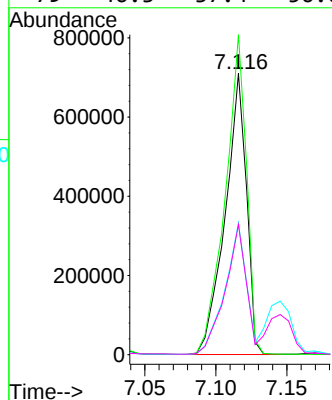
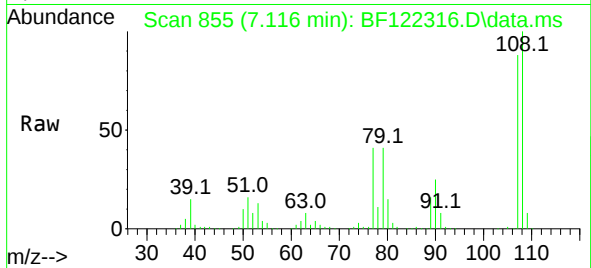




#17
2-Methylphenol
Concen: 49.62 ng
RT: 7.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

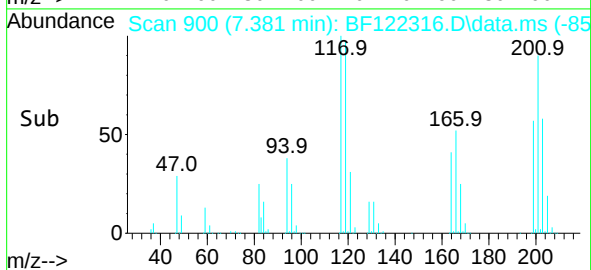
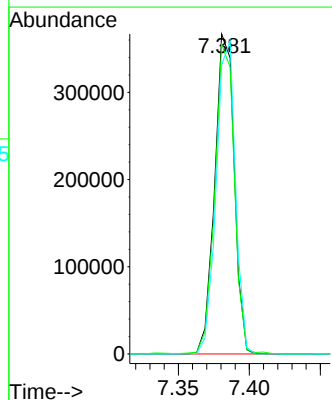
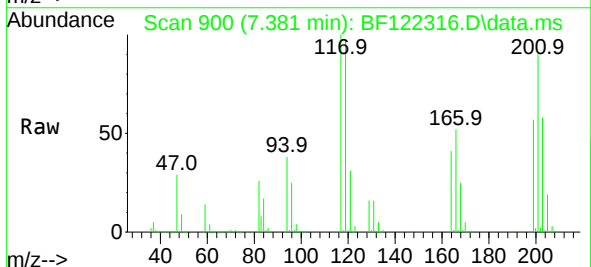
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

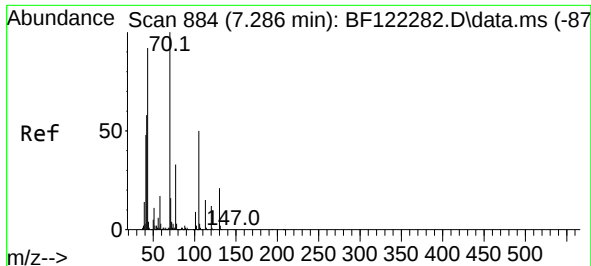
Tgt Ion:	107	Resp:	736943
Ion	Ratio	Lower	Upper
107	100		
108	113.8	90.9	136.3
77	46.9	37.5	56.3
79	46.3	37.4	56.0



#18
Hexachloroethane
Concen: 49.58 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion:	117	Resp:	350401
Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.3	114.5
201	90.3	71.8	107.6



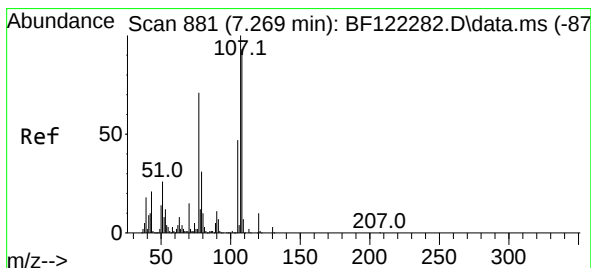
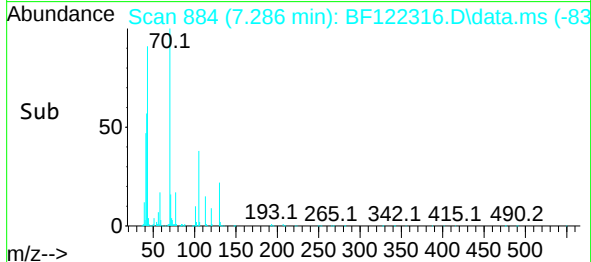
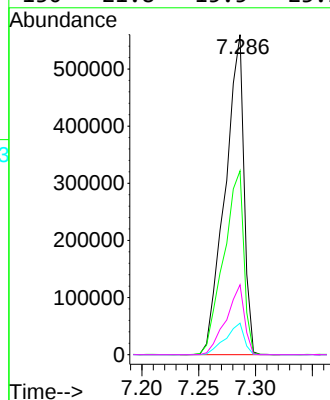
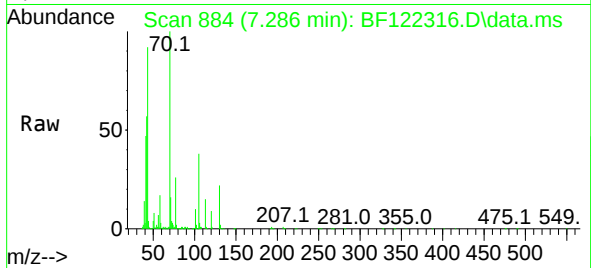


#19
n-Nitroso-di-n-propylamine
Concen: 48.20 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

Tgt Ion: 70 Resp: 646575

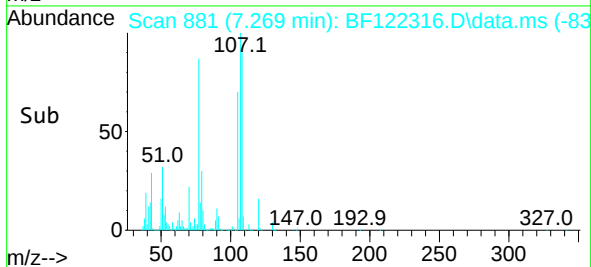
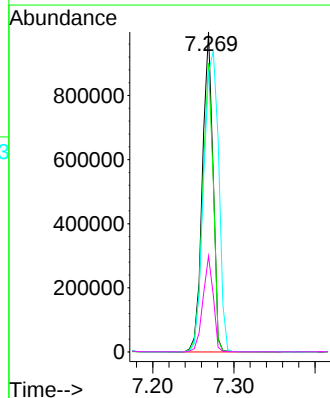
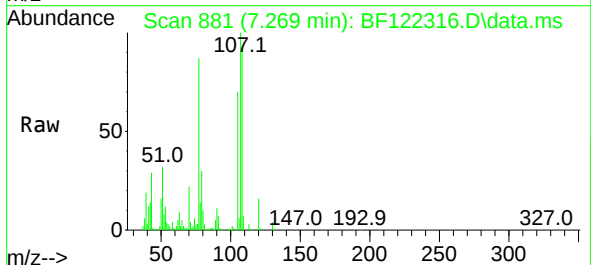
Ion	Ratio	Lower	Upper
70	100		
42	57.4	50.2	75.4
101	9.9	7.5	11.3
130	21.8	15.5	23.3

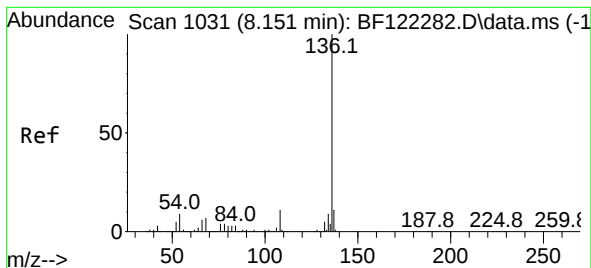


#20
3+4-Methylphenols
Concen: 49.48 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion: 107 Resp: 904339

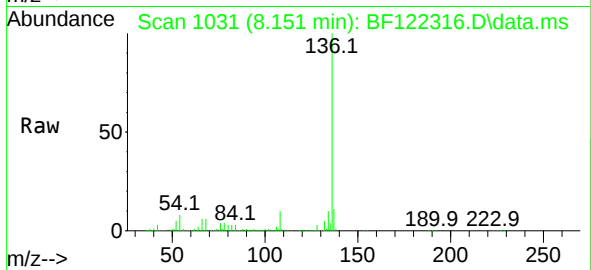
Ion	Ratio	Lower	Upper
107	100		
108	90.2	68.9	108.9
77	87.2	108.0	148.0#
79	30.0	10.5	50.5





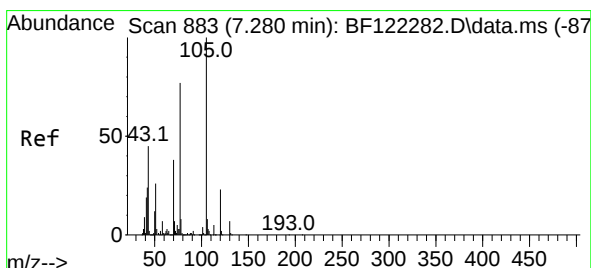
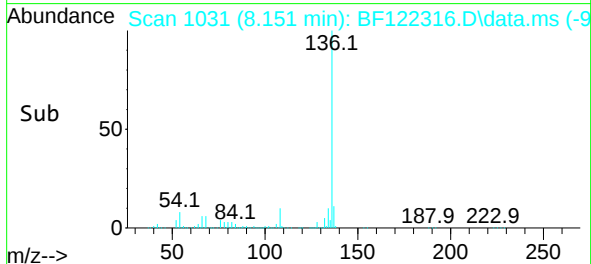
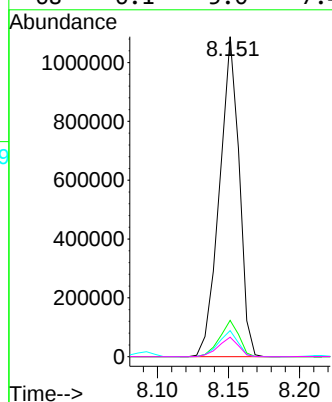
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS



Tgt Ion:136 Resp: 1046533

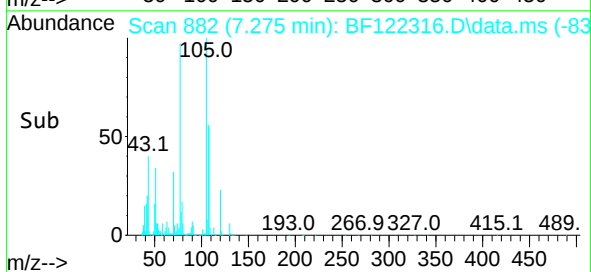
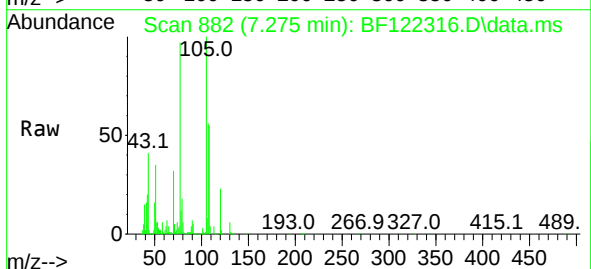
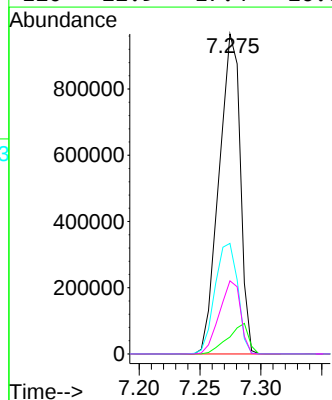
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	8.2	7.1	10.7
68	6.1	5.0	7.4

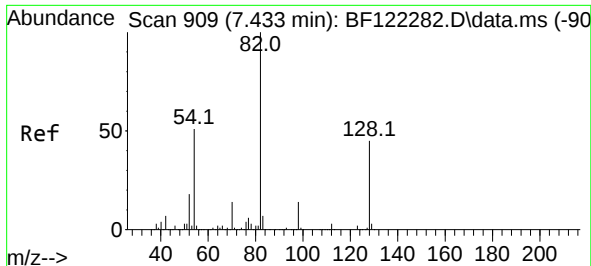


#22
Acetophenone
Concen: 43.02 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion:105 Resp: 1172621

Ion	Ratio	Lower	Upper
105	100		
71	5.3	5.3	7.9
51	34.5	33.2	49.8
120	22.9	17.4	26.0





#23

Nitrobenzene-d5

Concen: 108.03 ng

RT: 7.433 min Scan# 909

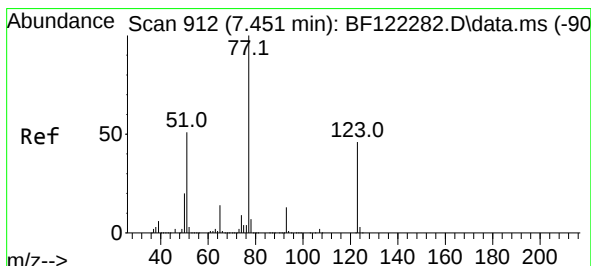
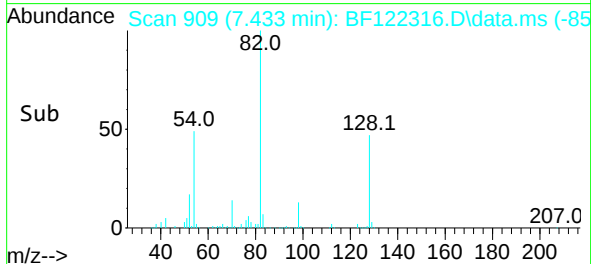
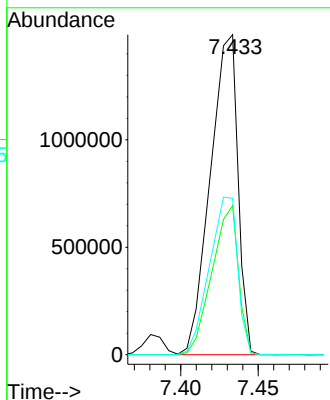
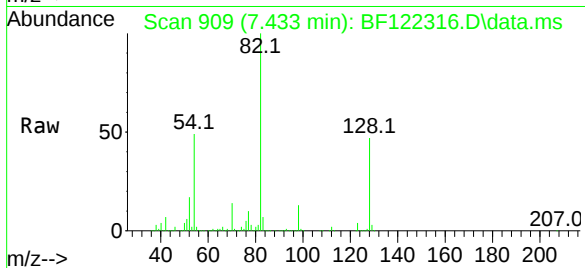
Delta R.T. 0.000 min

Lab File: BF122316.D

Acq: 12 Nov 2020 15:31

Tgt Ion: 82 Resp: 1846806

Ion	Ratio	Lower	Upper
82	100		
128	46.6	35.0	52.4
54	48.9	43.9	65.9



#24

Nitrobenzene

Concen: 49.11 ng

RT: 7.451 min Scan# 912

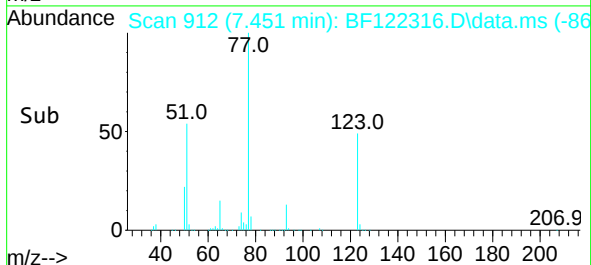
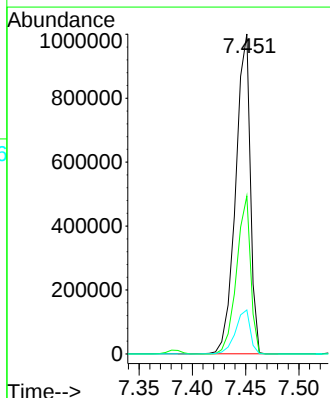
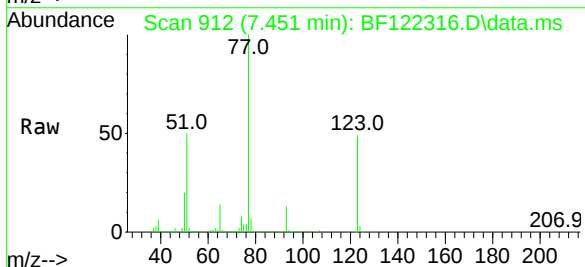
Delta R.T. 0.000 min

Lab File: BF122316.D

Acq: 12 Nov 2020 15:31

Tgt Ion: 77 Resp: 960618

Ion	Ratio	Lower	Upper
77	100		
123	49.4	35.6	53.4
65	13.8	11.2	16.8

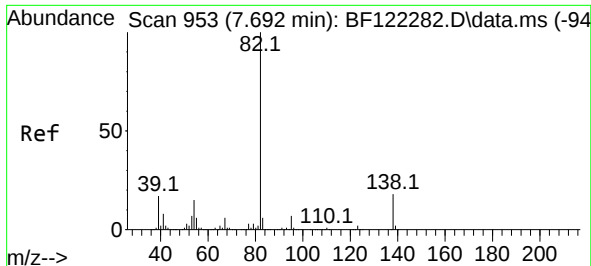


Instrument :

BNA_F

ClientSampleId :

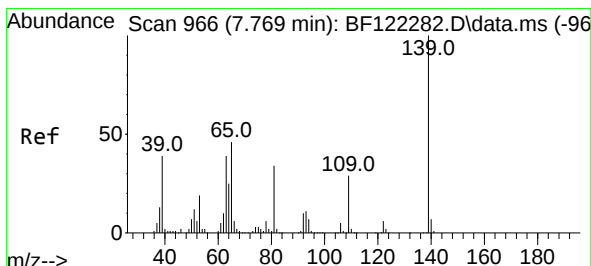
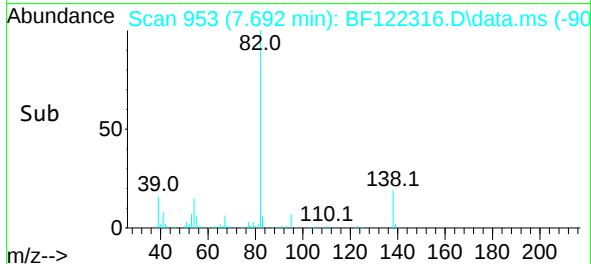
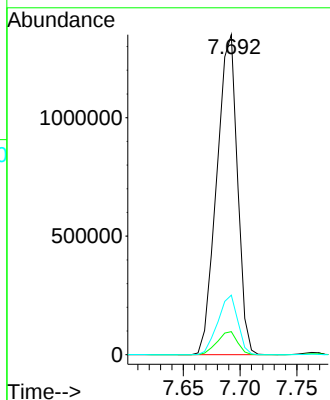
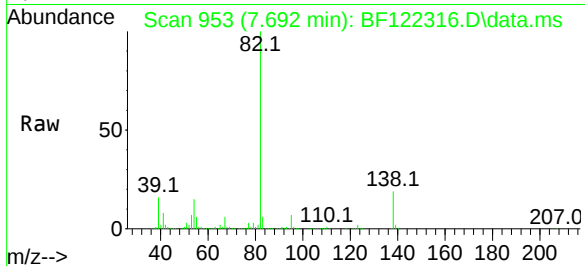
M-5(10-20)MS



#25
Isophorone
Concen: 44.88 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

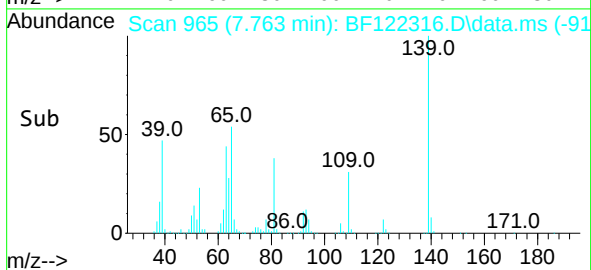
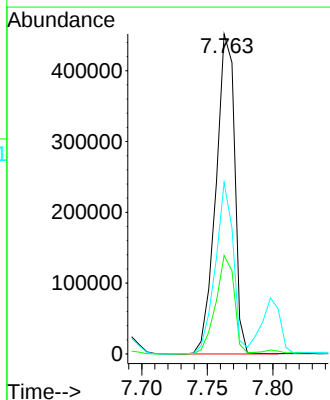
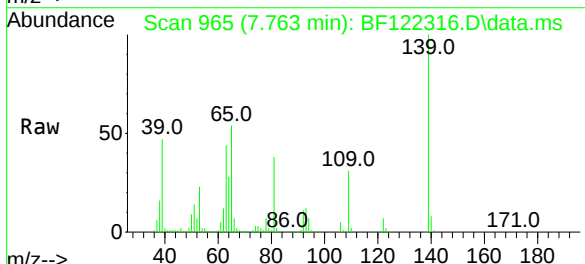
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

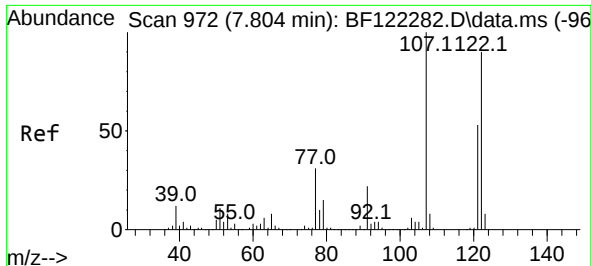
Tgt Ion: 82 Resp: 1710213
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.0
138 18.6 13.4 20.0



#26
2-Nitrophenol
Concen: 52.09 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion:139 Resp: 448082
Ion Ratio Lower Upper
139 100
109 30.8 23.0 34.4
65 53.6 39.9 59.9





#27

2,4-Dimethylphenol

Concen: 47.11 ng

RT: 7.798 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF122316.D

Acq: 12 Nov 2020 15:31

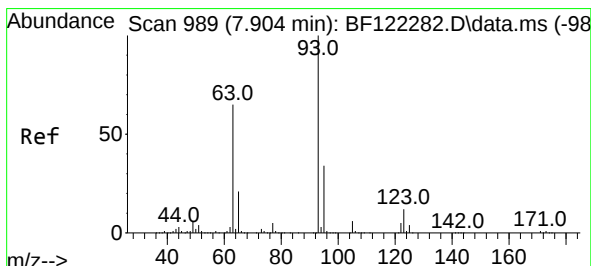
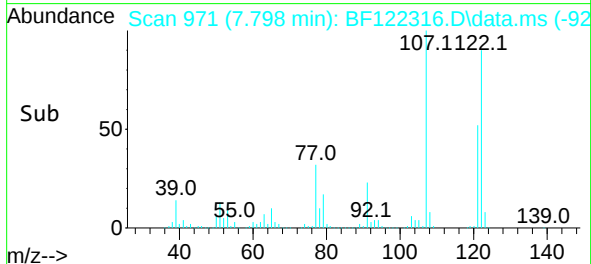
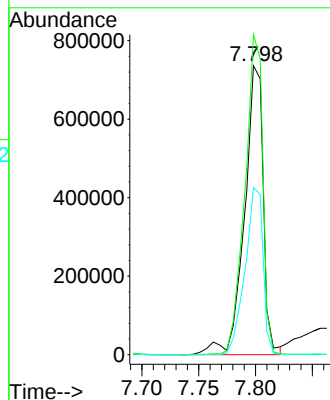
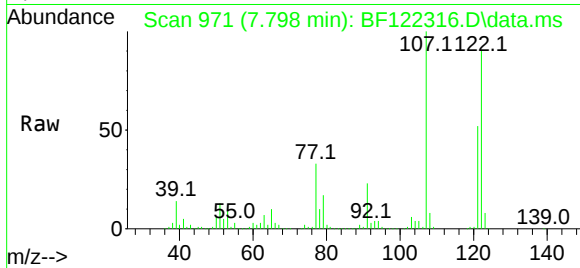
Tgt Ion:122 Resp: 846816

Ion Ratio Lower Upper

122 100

107 110.7 90.8 136.2

121 57.8 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 45.94 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF122316.D

Acq: 12 Nov 2020 15:31

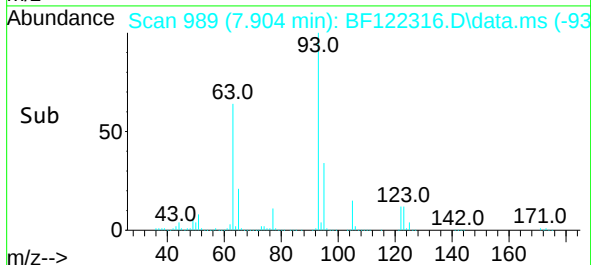
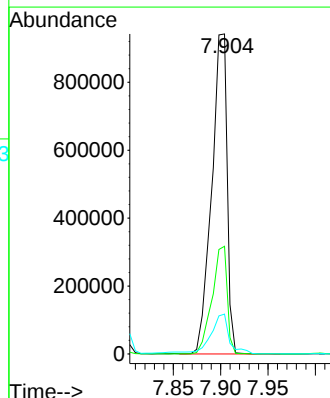
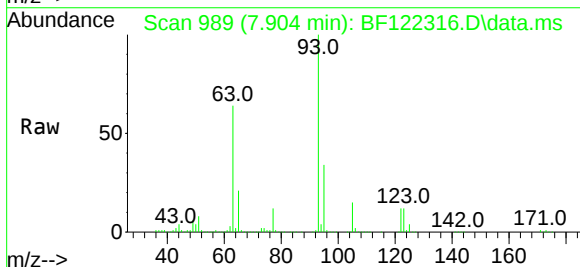
Tgt Ion: 93 Resp: 1070787

Ion Ratio Lower Upper

93 100

95 33.6 26.2 39.4

123 12.4 8.8 13.2

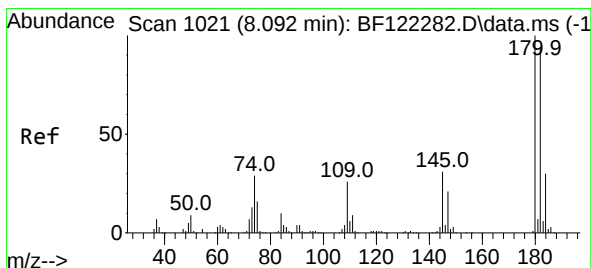
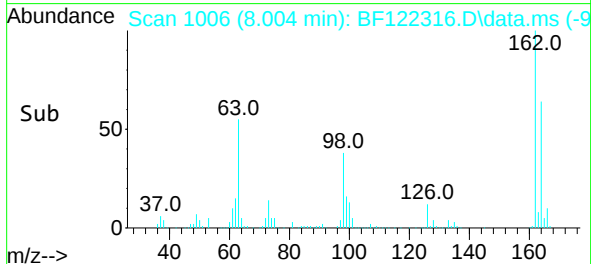
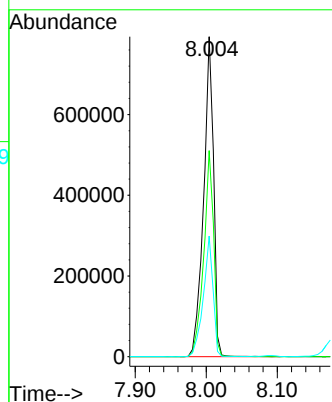
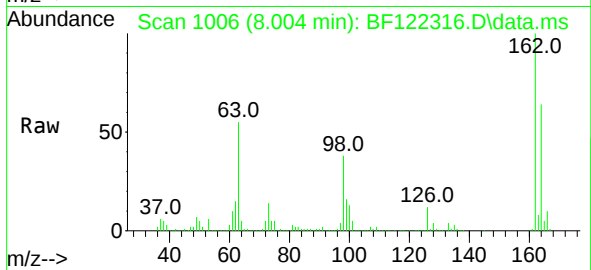




#29
2,4-Dichlorophenol
Concen: 48.64 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

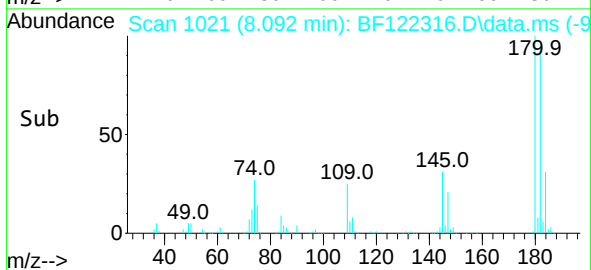
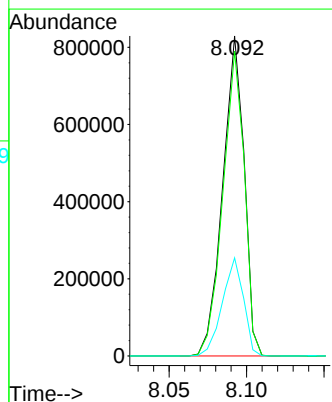
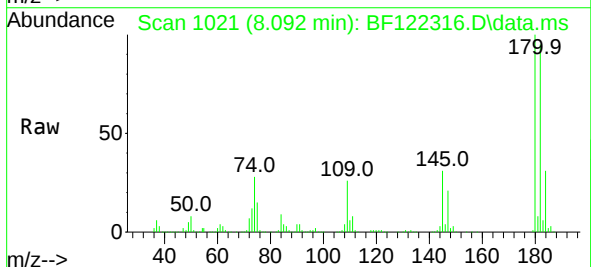
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

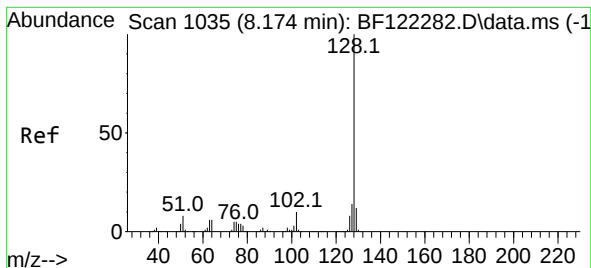
Tgt Ion:162 Resp: 774156
Ion Ratio Lower Upper
162 100
164 64.4 42.5 82.5
98 37.7 20.1 60.1



#30
1,2,4-Trichlorobenzene
Concen: 45.39 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion:180 Resp: 797252
Ion Ratio Lower Upper
180 100
182 95.3 79.4 119.2
145 30.7 25.5 38.3

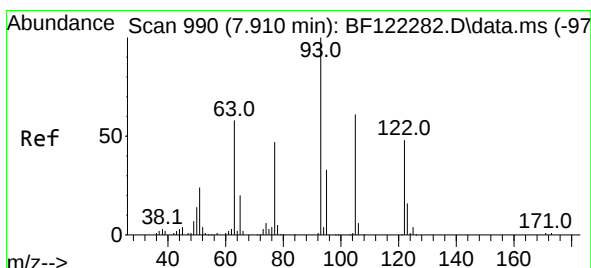
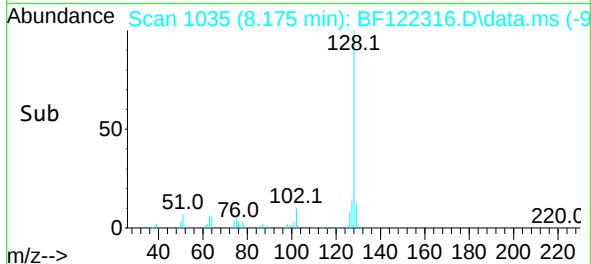
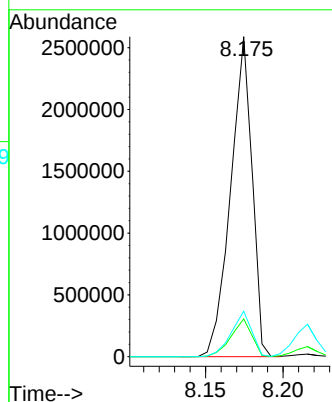
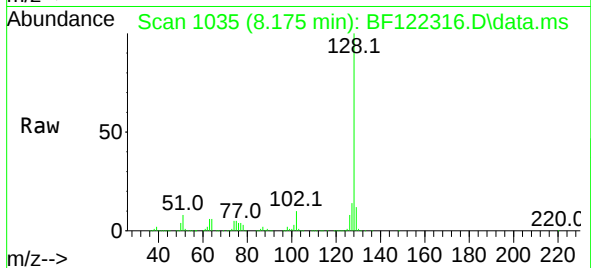




#31
Naphthalene
Concen: 44.75 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

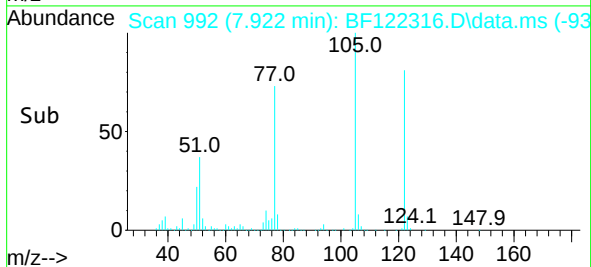
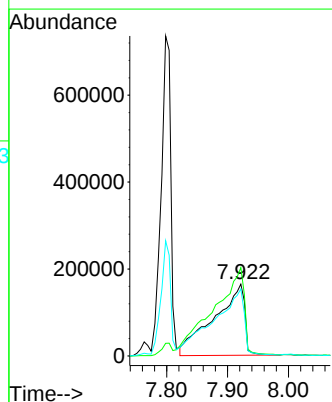
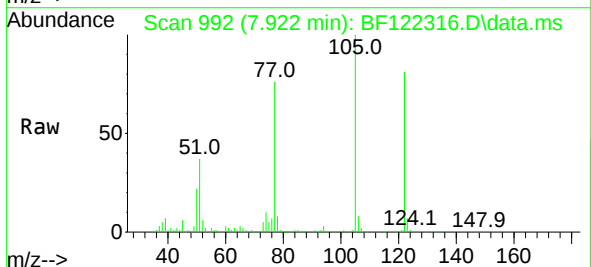
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

Tgt Ion:128 Resp: 2489983
Ion Ratio Lower Upper
128 100
129 11.8 8.7 13.1
127 14.2 10.8 16.2



#32
Benzoic acid
Concen: 55.86 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.012 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion:122 Resp: 571435
Ion Ratio Lower Upper
122 100
105 122.8 103.3 143.3
77 93.2 73.9 113.9

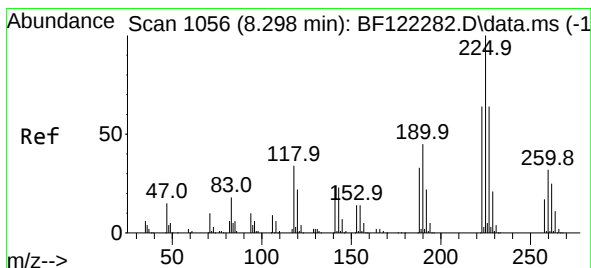
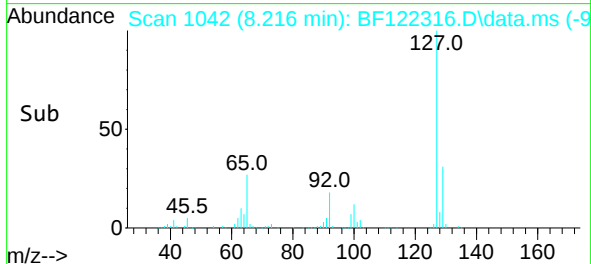
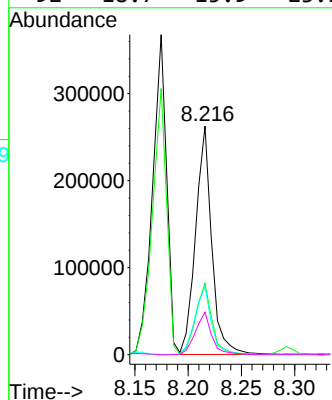
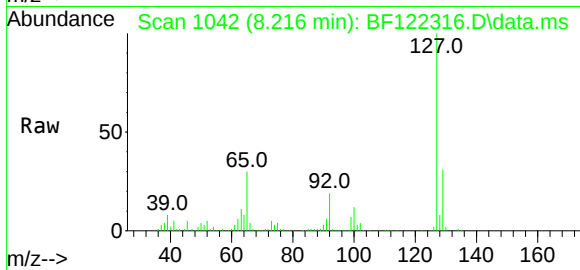




#33
4-Chloroaniline
Concen: 11.45 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

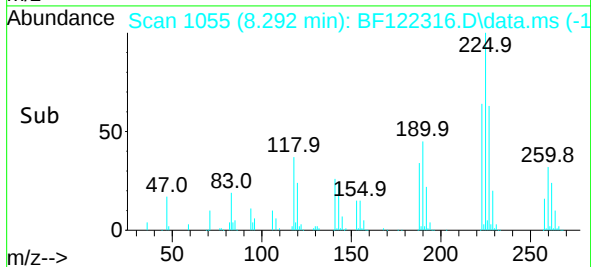
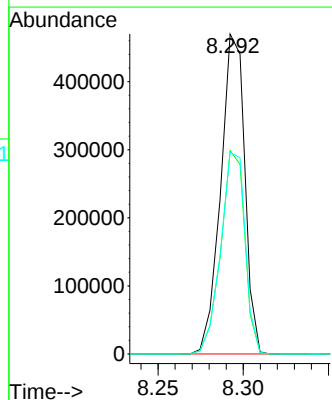
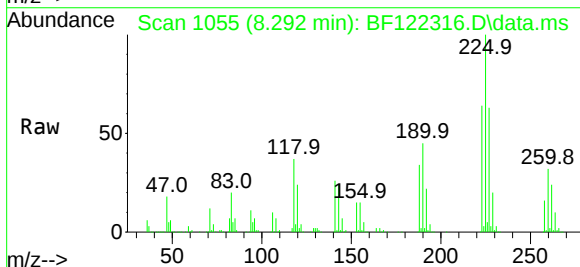
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

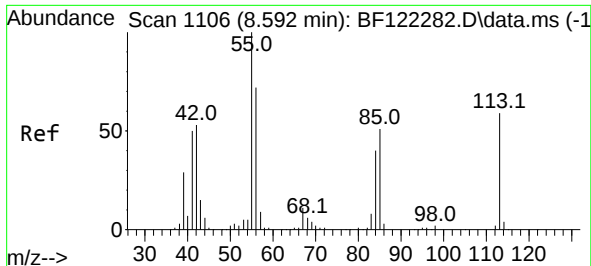
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.3	39.5
65	29.8	26.2	39.2
92	18.7	15.9	23.9



#34
Hexachlorobutadiene
Concen: 45.68 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.1	76.7
227	63.0	51.0	76.6

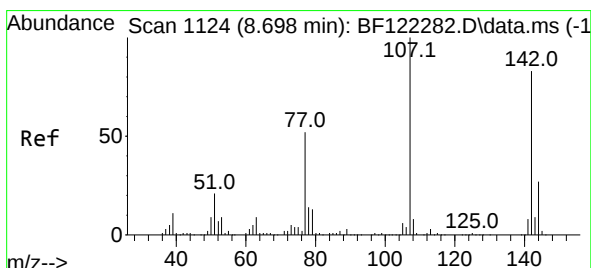
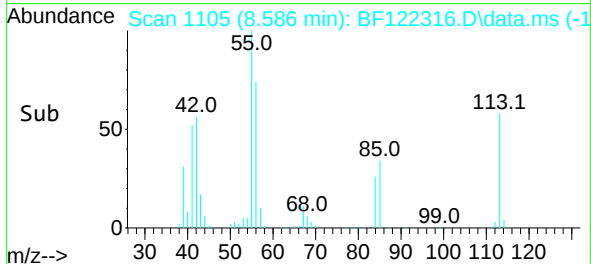
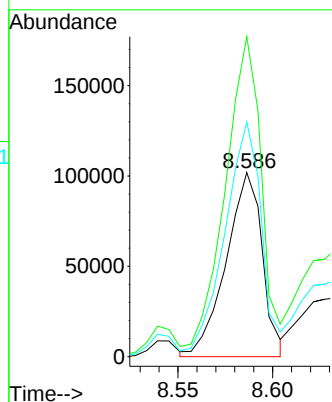
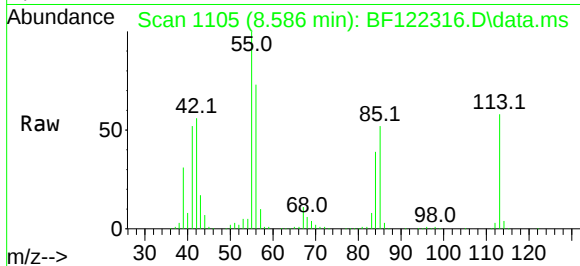




#35
Caprolactam
Concen: 26.83 ng
RT: 8.586 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

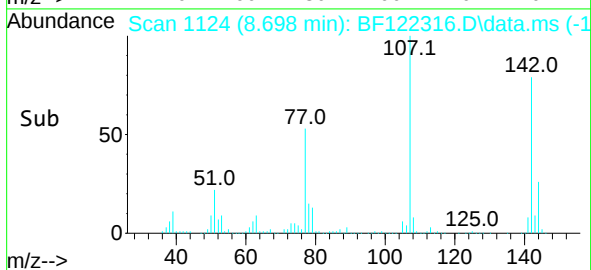
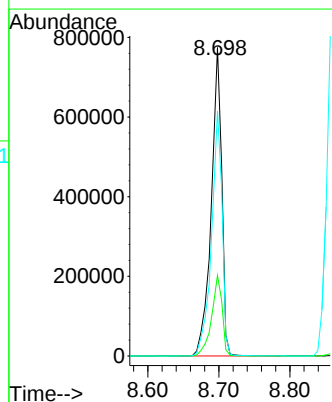
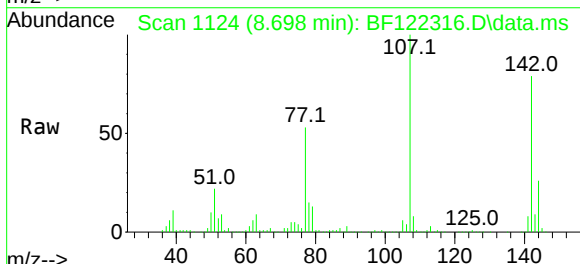
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

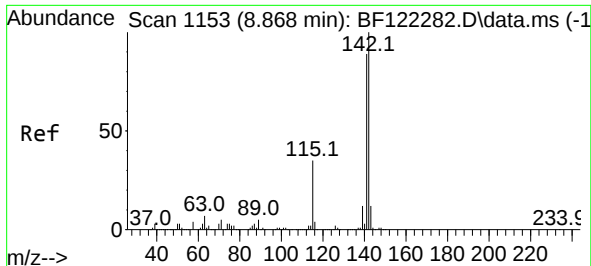
Tgt Ion:113 Resp: 135323
Ion Ratio Lower Upper
113 100
55 173.8 167.5 207.5
56 127.4 121.2 161.2



#36
4-Chloro-3-methylphenol
Concen: 48.16 ng
RT: 8.698 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion:107 Resp: 799484
Ion Ratio Lower Upper
107 100
144 26.1 20.1 30.1
142 79.3 59.3 88.9

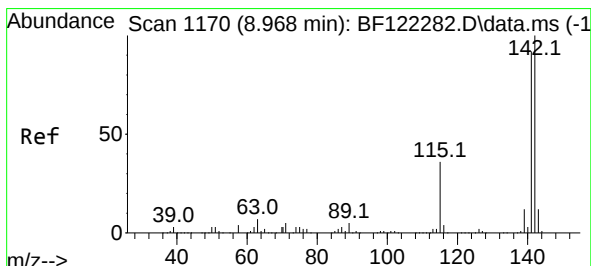
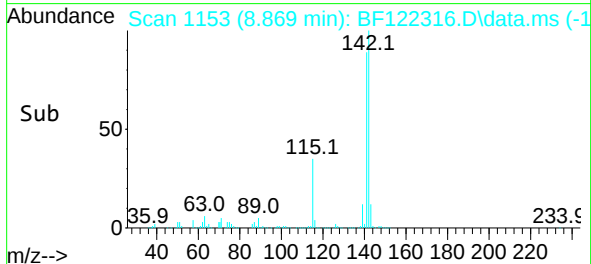
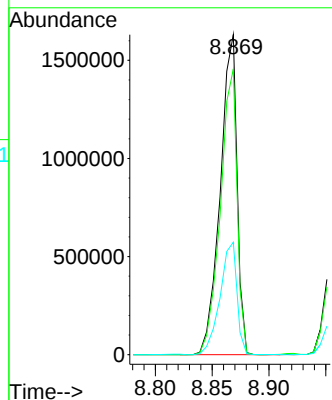
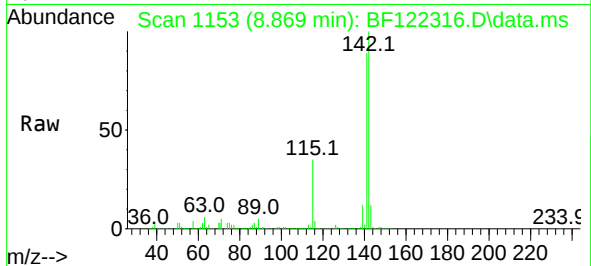




#37
2-Methylnaphthalene
Concen: 45.75 ng
RT: 8.869 min Scan# 1153
Delta R.T. 0.001 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

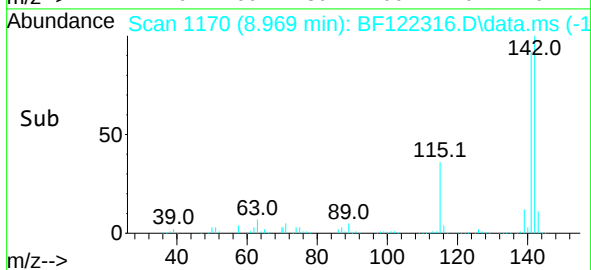
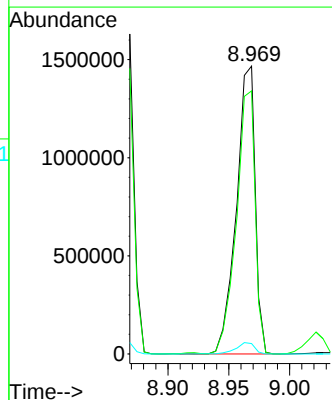
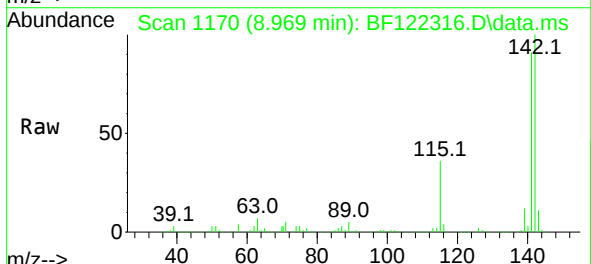
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

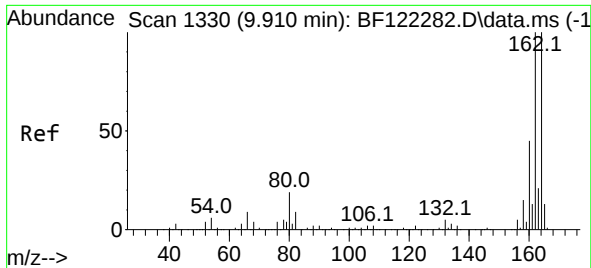
Tgt Ion:142 Resp: 1681514
Ion Ratio Lower Upper
142 100
141 89.2 70.2 105.4
115 35.1 28.6 43.0



#38
1-Methylnaphthalene
Concen: 45.97 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion:142 Resp: 1581800
Ion Ratio Lower Upper
142 100
141 91.4 74.5 111.7
116 3.6 3.2 4.8

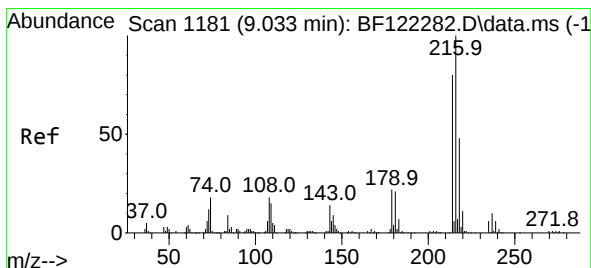
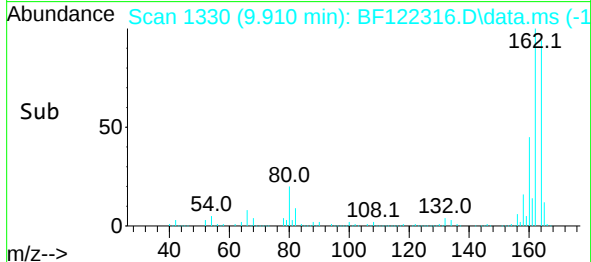
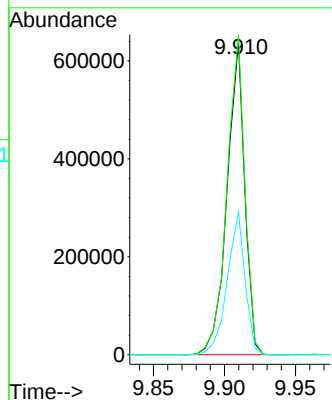
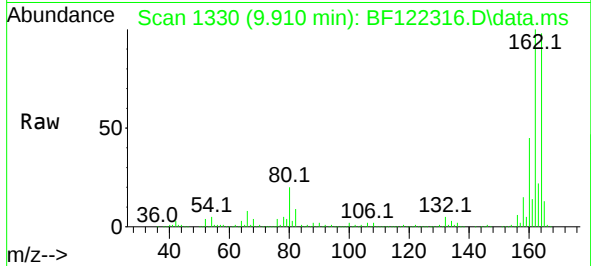




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

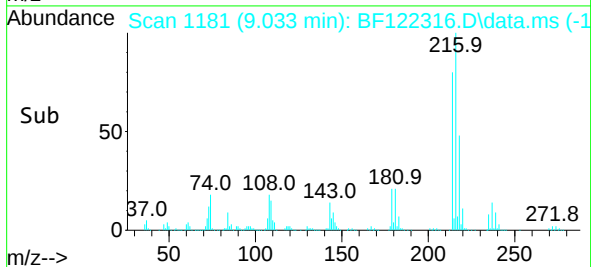
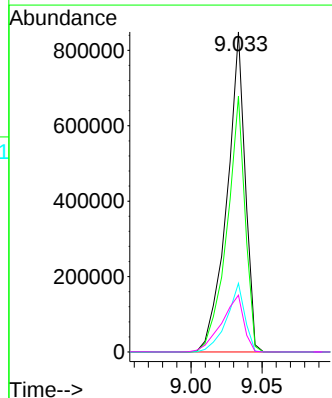
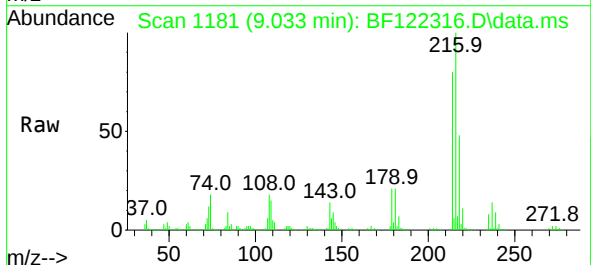
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

Tgt Ion:164 Resp: 554540
Ion Ratio Lower Upper
164 100
162 102.5 83.2 124.8
160 45.8 37.5 56.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.58 ng
RT: 9.033 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

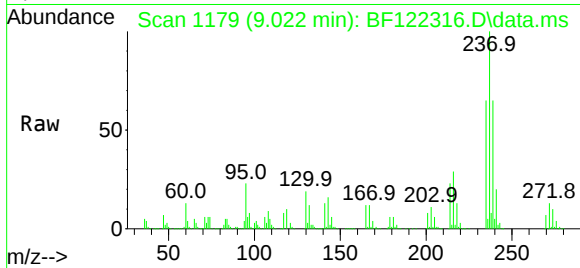
Tgt Ion:216 Resp: 761702
Ion Ratio Lower Upper
216 100
214 78.9 63.4 95.2
179 21.1 17.0 25.6
108 21.4 15.5 23.3



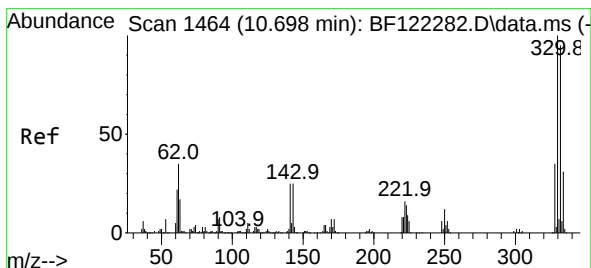
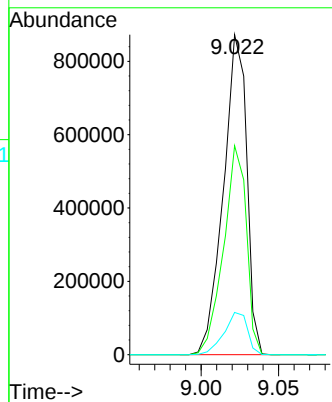
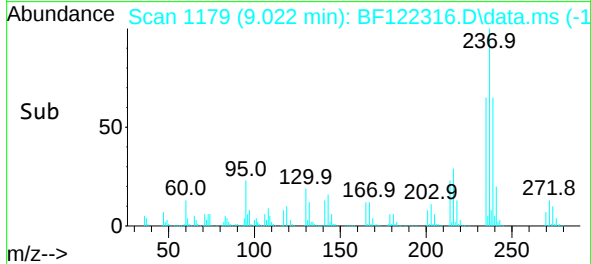


#41
Hexachlorocyclopentadiene
Concen: 91.32 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

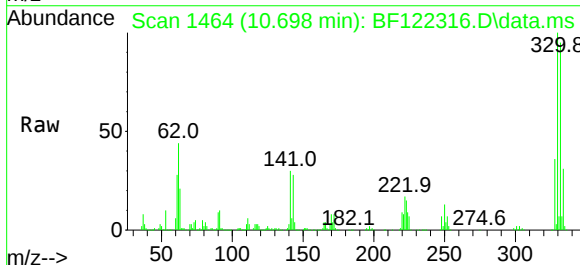
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS



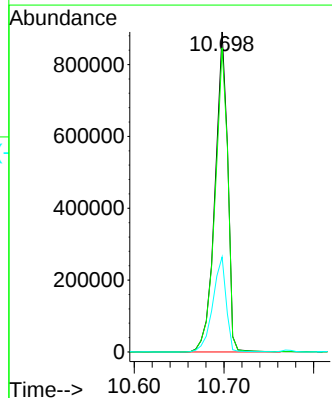
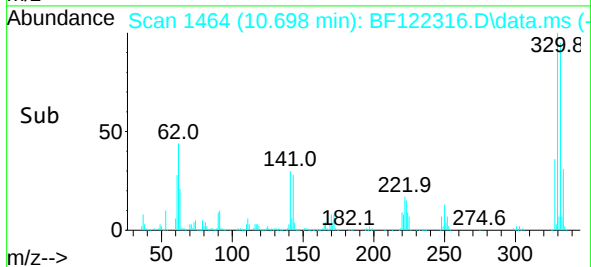
Tgt Ion:237 Resp: 912377
Ion Ratio Lower Upper
237 100
235 65.3 41.8 81.8
272 13.2 0.0 33.5

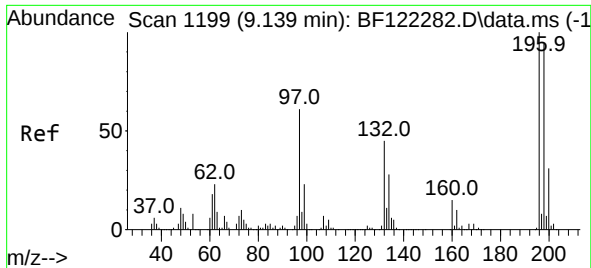


#42
2,4,6-Tribromophenol
Concen: 146.33 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31



Tgt Ion:330 Resp: 870950
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 31.5 22.3 33.5

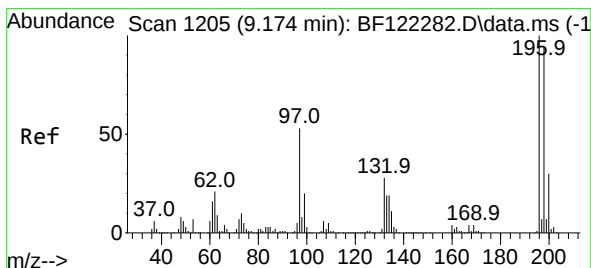
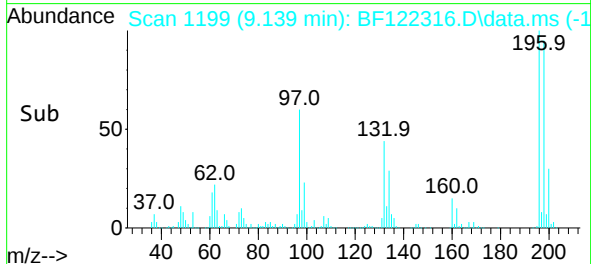
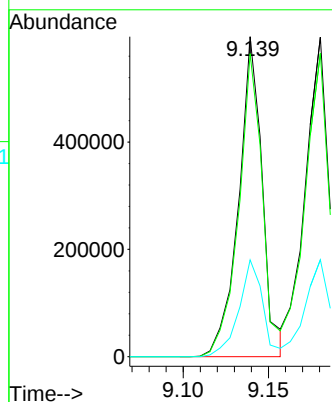
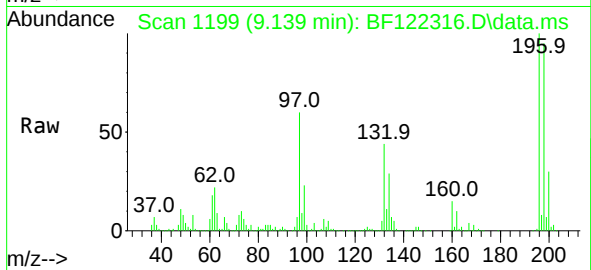




#43
2,4,6-Trichlorophenol
Concen: 51.69 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

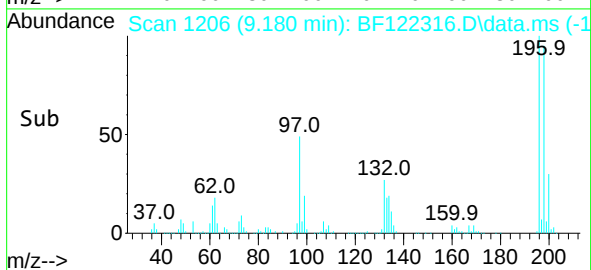
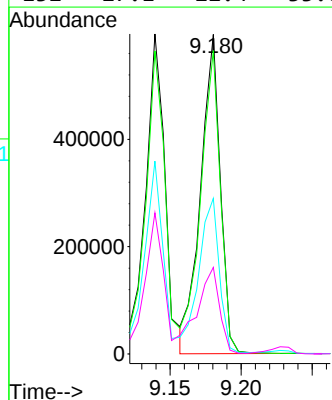
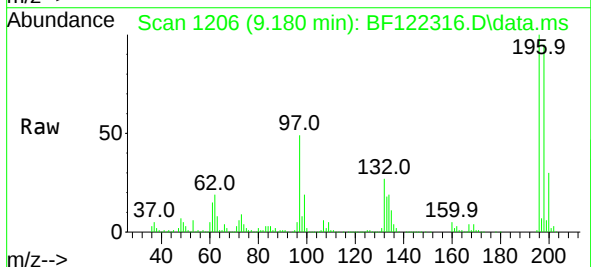
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

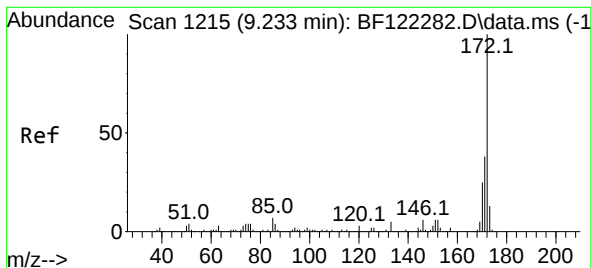
Tgt Ion:196 Resp: 573630
Ion Ratio Lower Upper
196 100
198 94.7 75.8 113.6
200 30.2 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 49.47 ng
RT: 9.180 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion:196 Resp: 575476
Ion Ratio Lower Upper
196 100
198 94.9 76.1 114.1
97 48.7 41.0 61.6
132 27.1 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 83.95 ng

RT: 9.233 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF122316.D

Acq: 12 Nov 2020 15:31

Tgt Ion:172 Resp: 2979454

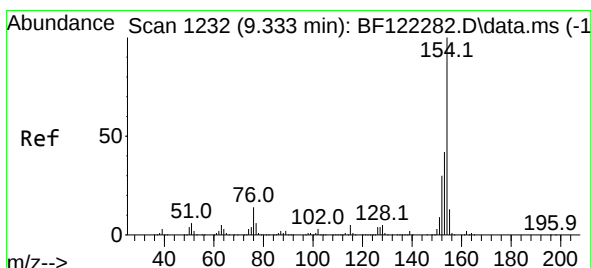
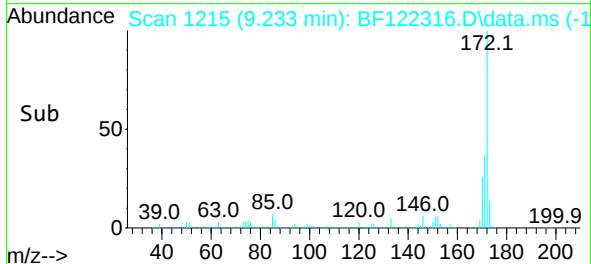
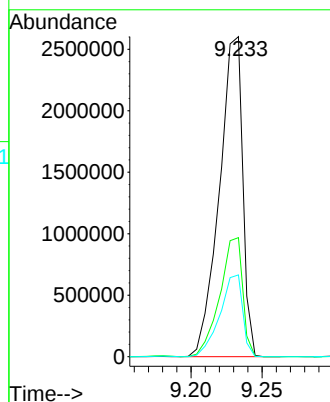
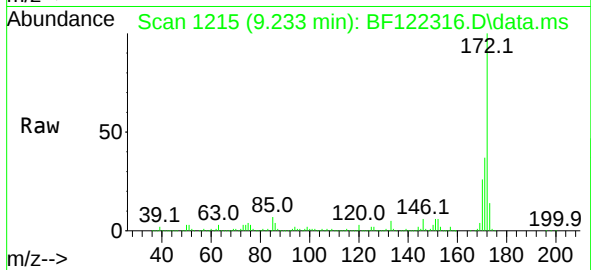
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.1	43.7
170	25.5	19.8	29.6

Instrument :

BNA_F

ClientSampleId :

M-5(10-20)MS



#46

1,1'-Biphenyl

Concen: 44.95 ng

RT: 9.333 min Scan# 1232

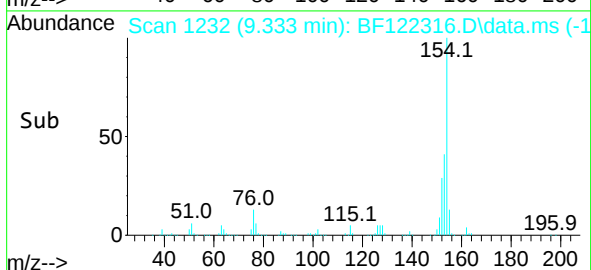
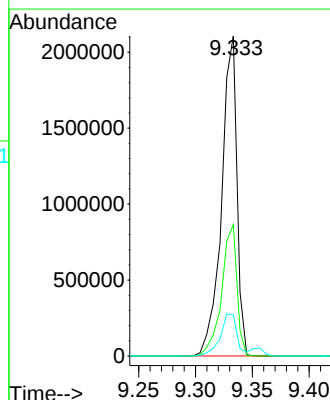
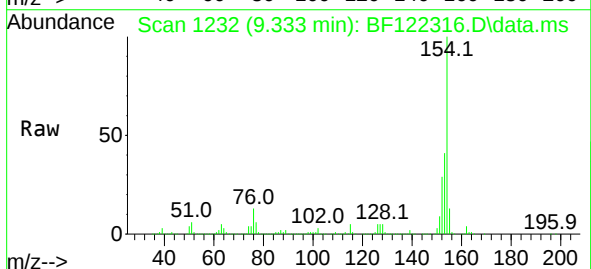
Delta R.T. 0.000 min

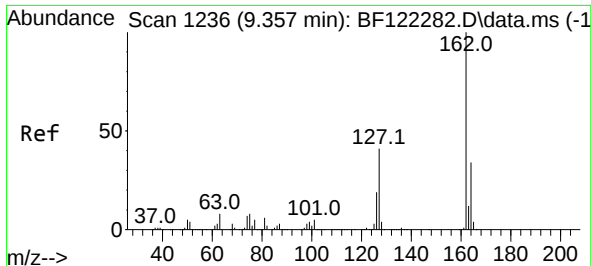
Lab File: BF122316.D

Acq: 12 Nov 2020 15:31

Tgt Ion:154 Resp: 1984221

Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.3	61.3
76	12.9	0.0	34.7

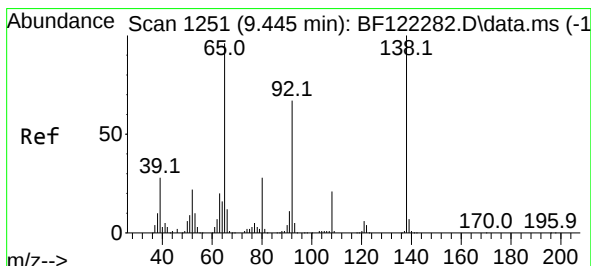
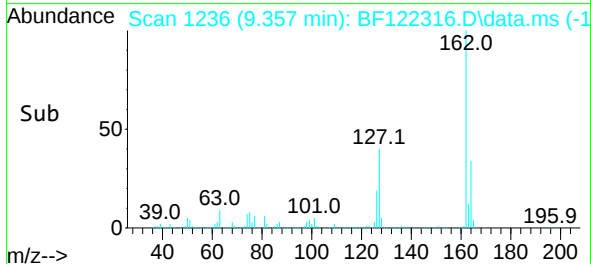
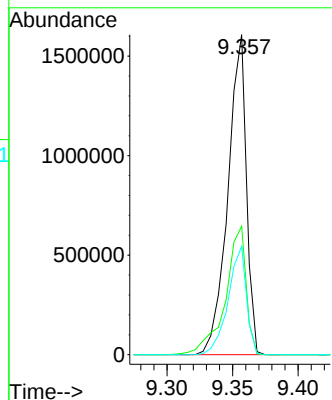
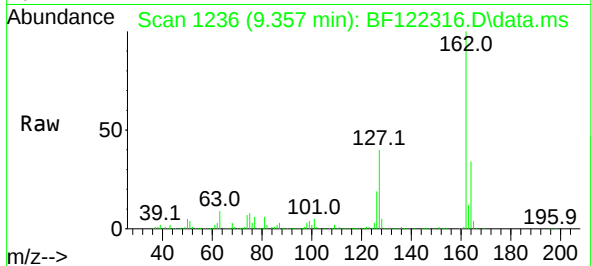




#47
2-Chloronaphthalene
Concen: 45.02 ng
RT: 9.357 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

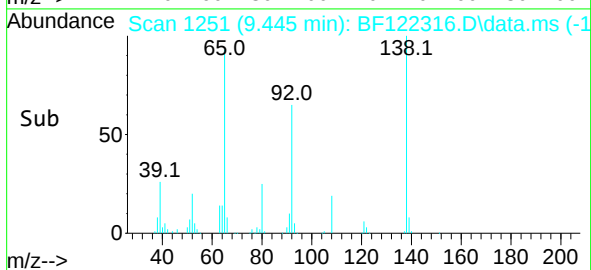
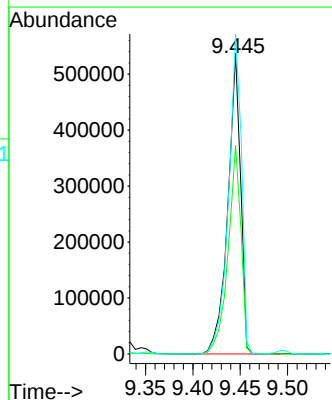
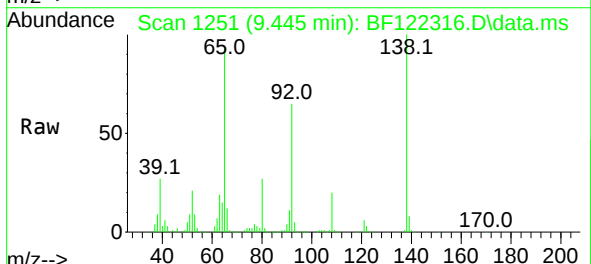
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

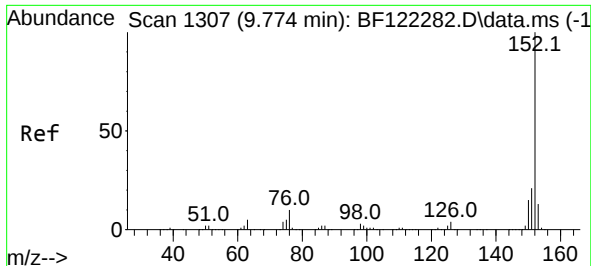
Tgt Ion:162 Resp: 1577220
Ion Ratio Lower Upper
162 100
127 40.2 34.4 51.6
164 33.9 26.3 39.5



#48
2-Nitroaniline
Concen: 48.59 ng
RT: 9.445 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion: 65 Resp: 507803
Ion Ratio Lower Upper
65 100
92 69.5 55.1 82.7
138 106.6 80.5 120.7





#49

Acenaphthylene

Concen: 45.46 ng

RT: 9.774 min Scan# 1307

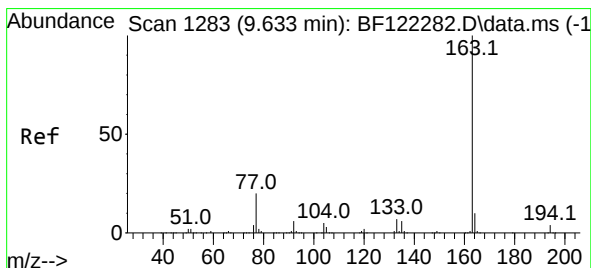
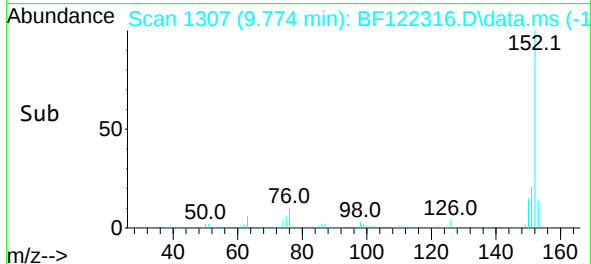
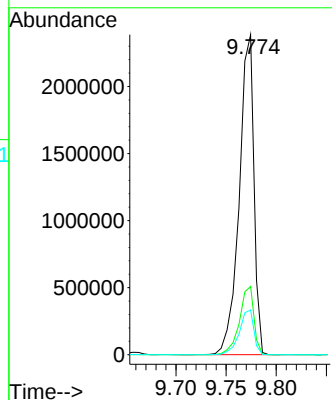
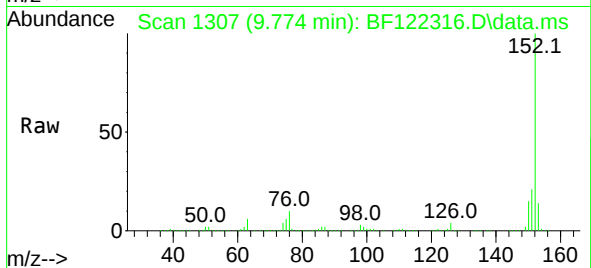
Delta R.T. 0.000 min

Lab File: BF122316.D

Acq: 12 Nov 2020 15:31

Tgt Ion:152 Resp: 2447998

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.4	24.6
153	14.0	10.6	15.8



#50

Dimethylphthalate

Concen: 61.73 ng

RT: 9.633 min Scan# 1283

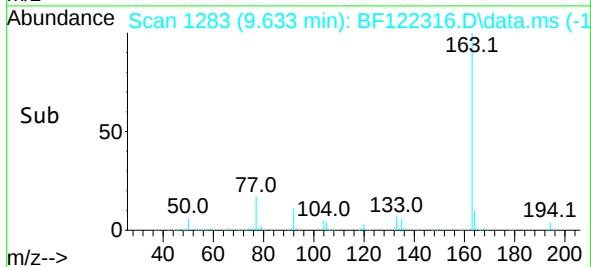
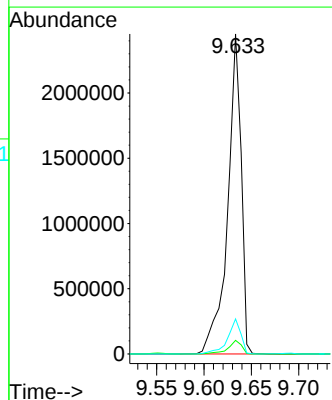
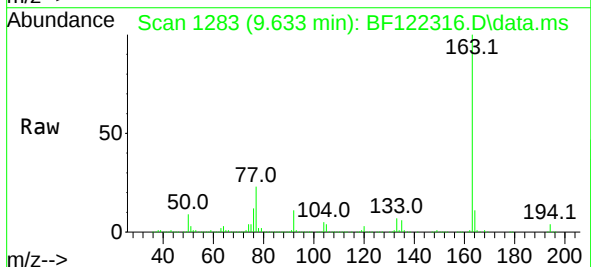
Delta R.T. 0.000 min

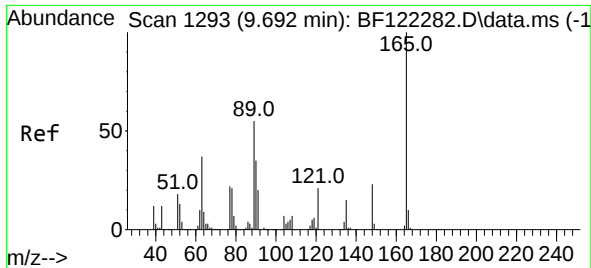
Lab File: BF122316.D

Acq: 12 Nov 2020 15:31

Tgt Ion:163 Resp: 2433294

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.9	8.2	12.4

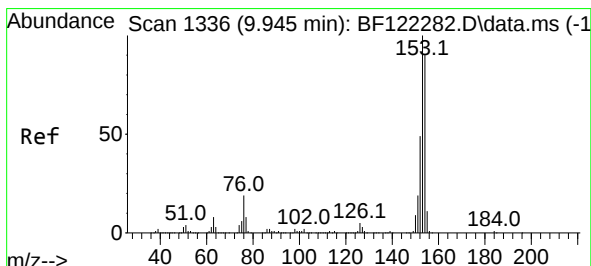
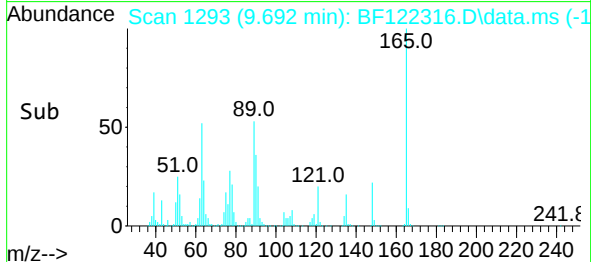
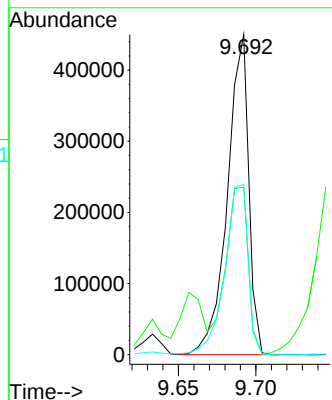
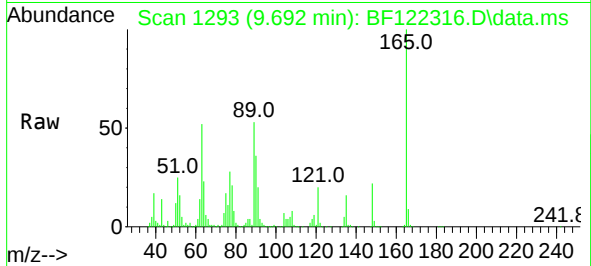




#51
2,6-Dinitrotoluene
Concen: 48.95 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

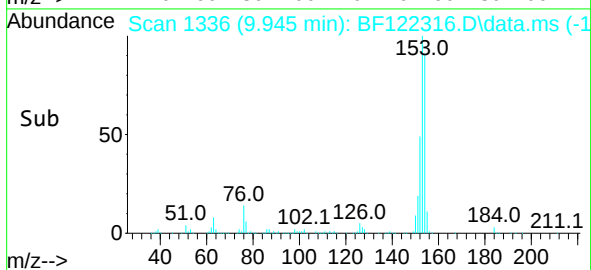
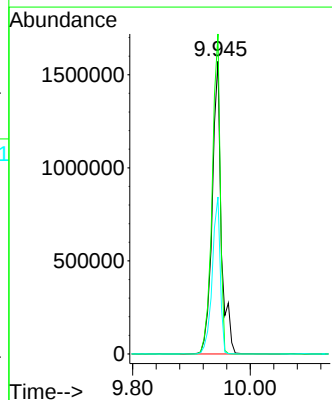
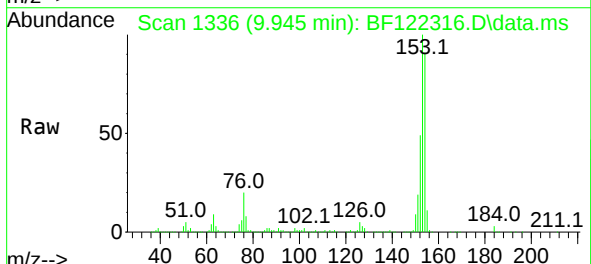
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

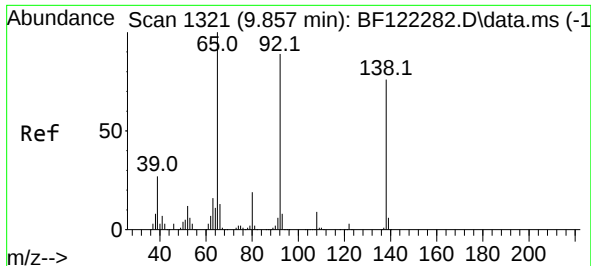
Tgt Ion:165 Resp: 430111
Ion Ratio Lower Upper
165 100
63 52.3 51.8 77.6
89 53.3 49.0 73.6



#52
Acenaphthene
Concen: 50.66 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion:154 Resp: 1688344
Ion Ratio Lower Upper
154 100
153 109.3 89.8 134.8
152 53.6 43.2 64.8

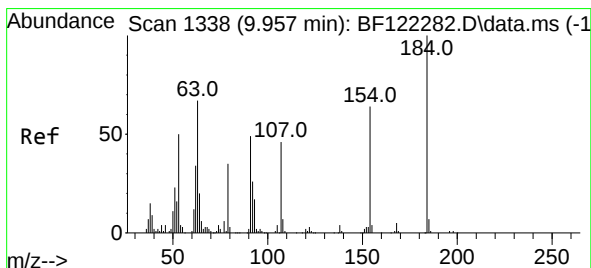
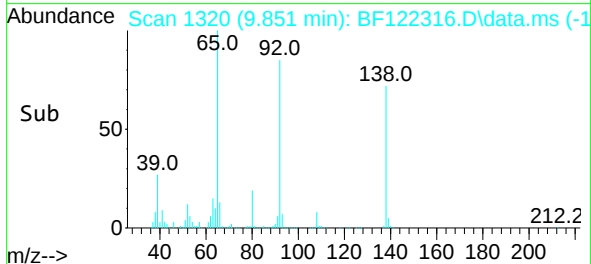
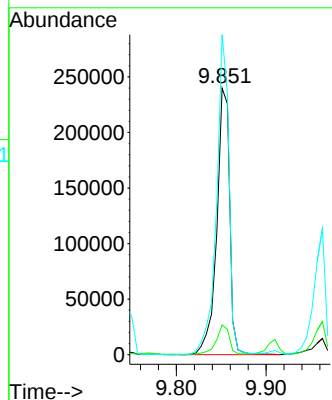
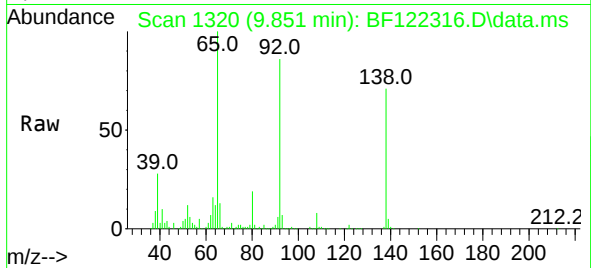




#53
3-Nitroaniline
Concen: 25.81 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

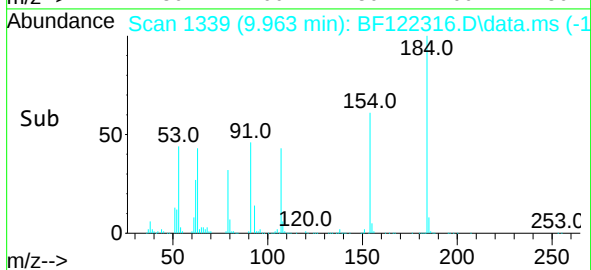
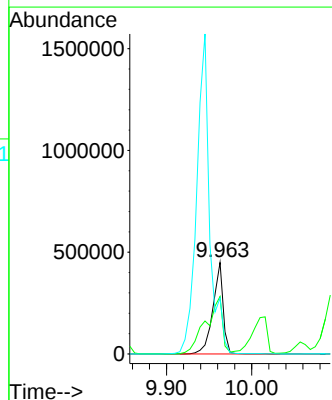
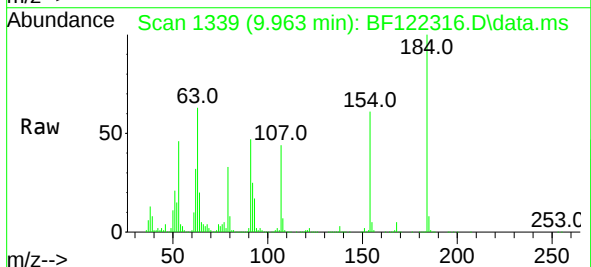
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

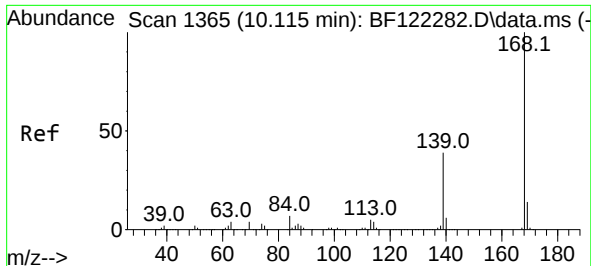
Tgt Ion:138 Resp: 240167
Ion Ratio Lower Upper
138 100
108 11.2 8.6 13.0
92 120.1 96.6 144.8



#54
2,4-Dinitrophenol
Concen: 92.69 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion:184 Resp: 377976
Ion Ratio Lower Upper
184 100
63 62.7 45.9 68.9
154 61.0 45.8 68.6

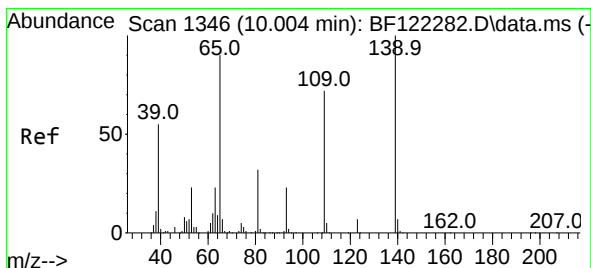
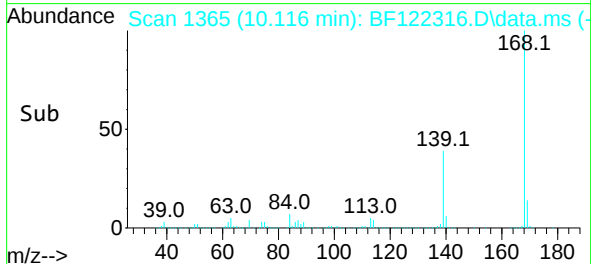
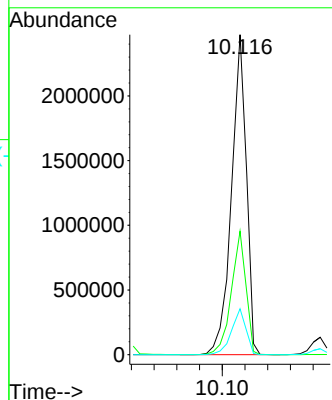
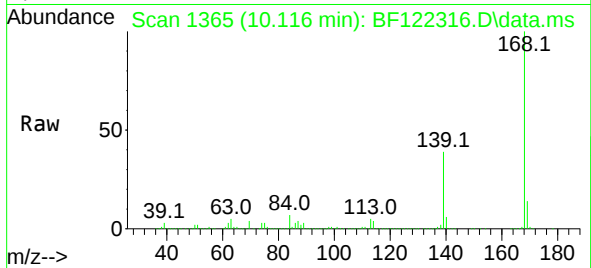




#55
Dibenzenofuran
Concen: 45.96 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.001 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

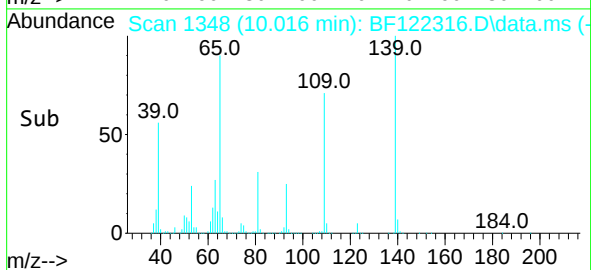
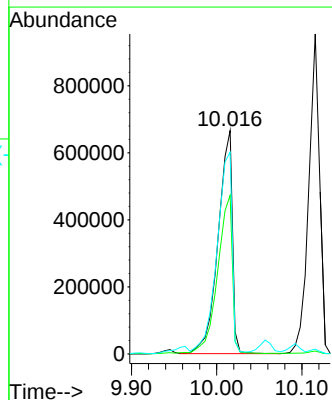
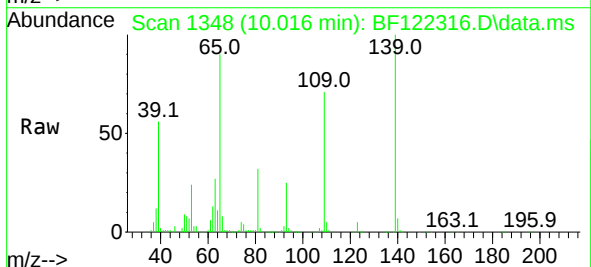
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

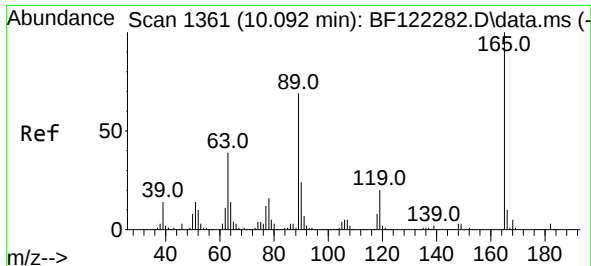
Tgt Ion:168 Resp: 2244425
Ion Ratio Lower Upper
168 100
139 38.6 31.0 46.6
169 14.4 11.3 16.9



#56
4-Nitrophenol
Concen: 89.26 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.012 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion:139 Resp: 773192
Ion Ratio Lower Upper
139 100
109 71.0 45.4 85.4
65 90.3 68.4 108.4

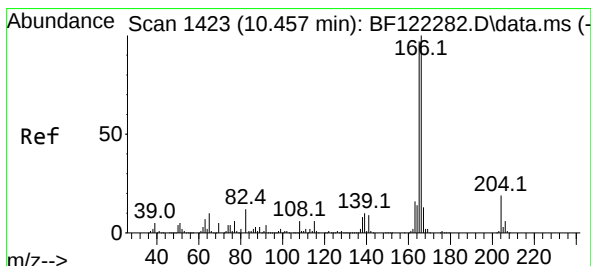
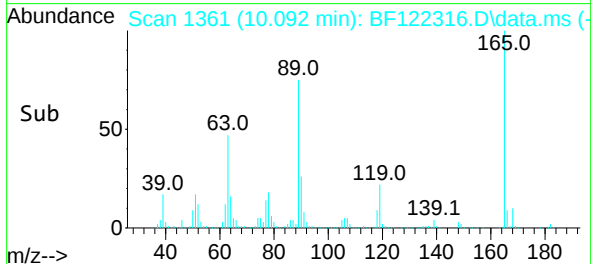
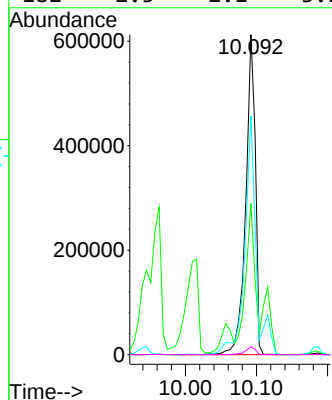
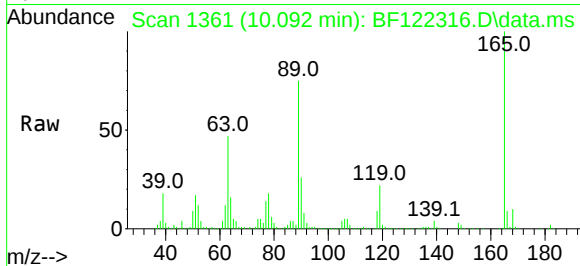




#57
2,4-Dinitrotoluene
Concen: 51.97 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

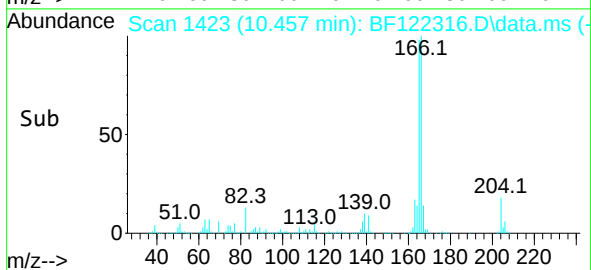
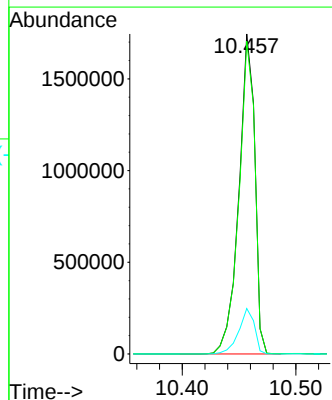
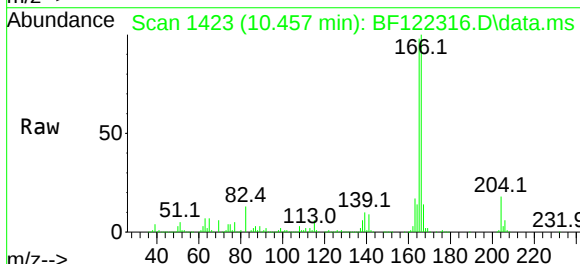
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

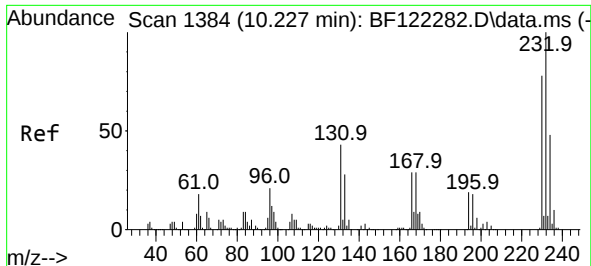
Tgt Ion:	165	Resp:	579286
Ion Ratio	Lower	Upper	
165	100		
63	47.2	41.3	61.9
89	74.6	61.8	92.8
182	2.5	2.1	3.1



#58
Fluorene
Concen: 45.46 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion:	166	Resp:	1699774
Ion Ratio	Lower	Upper	
166	100		
165	97.7	79.1	118.7
167	14.2	11.0	16.6

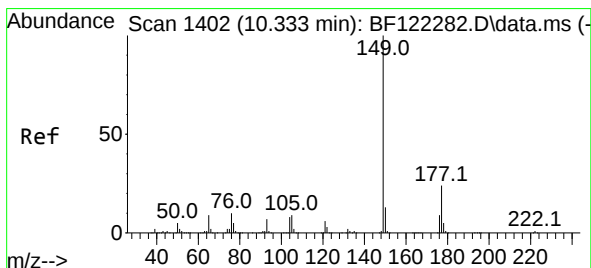
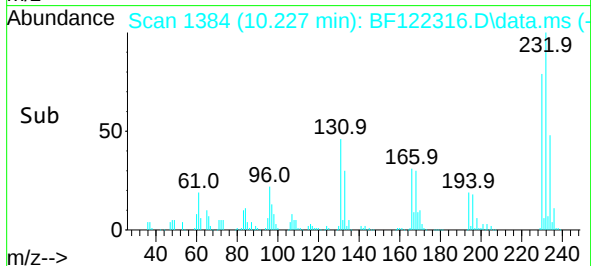
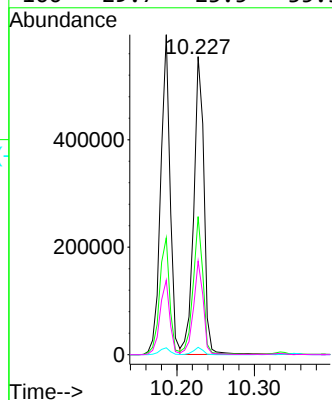
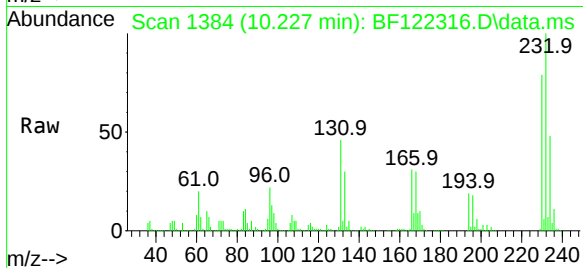




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.29 ng
RT: 10.227 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

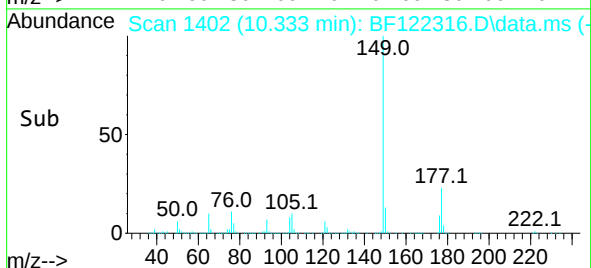
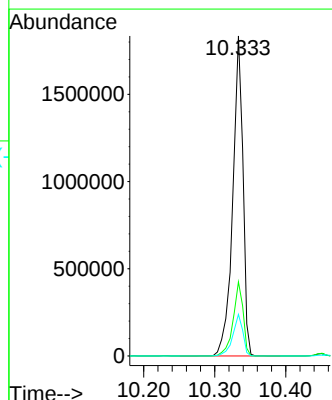
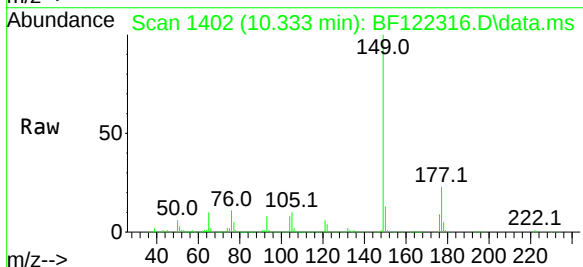
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

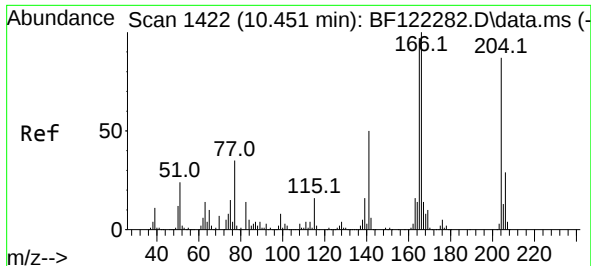
Tgt Ion:232 Resp: 505883
Ion Ratio Lower Upper
232 100
131 44.6 35.9 53.9
130 2.3 1.8 2.6
166 29.7 23.5 35.3



#60
Diethylphthalate
Concen: 47.44 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion:149 Resp: 1834337
Ion Ratio Lower Upper
149 100
177 23.2 18.1 27.1
150 13.0 10.3 15.5

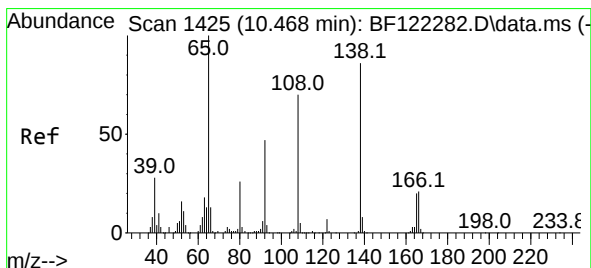
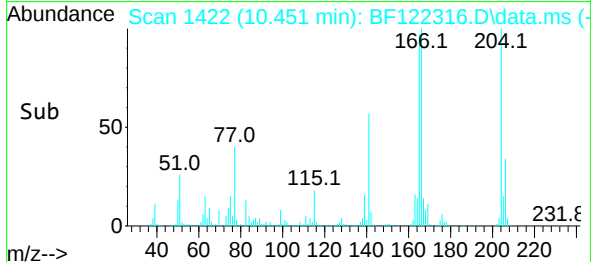
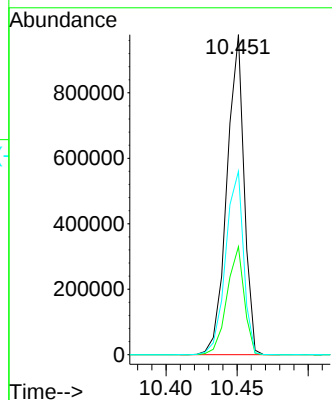
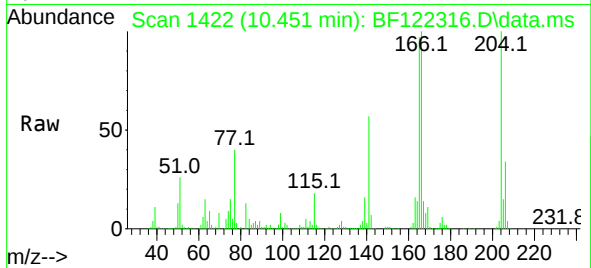




#61
4-Chlorophenyl-phenylether
Concen: 46.44 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

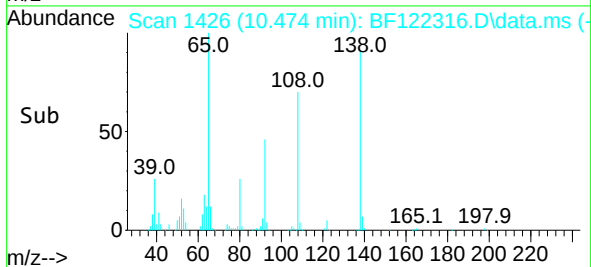
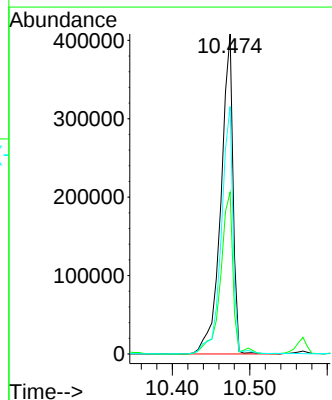
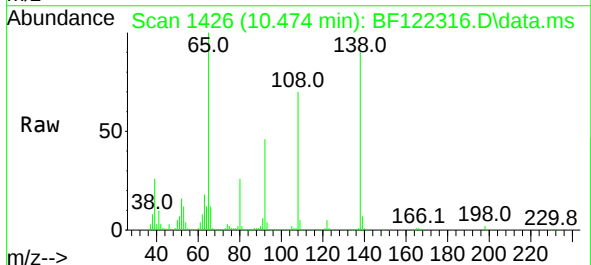
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

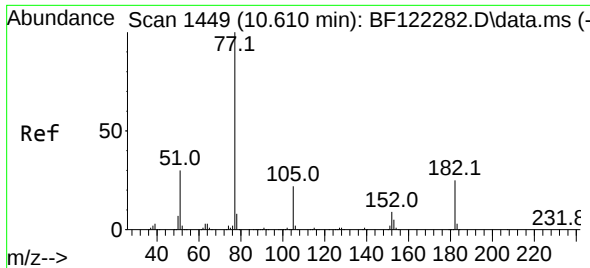
Tgt Ion:204 Resp: 819694
Ion Ratio Lower Upper
204 100
206 33.7 26.0 39.0
141 57.3 46.2 69.4



#62
4-Nitroaniline
Concen: 45.60 ng
RT: 10.474 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion:138 Resp: 443967
Ion Ratio Lower Upper
138 100
92 50.5 31.0 71.0
108 77.3 51.5 91.5



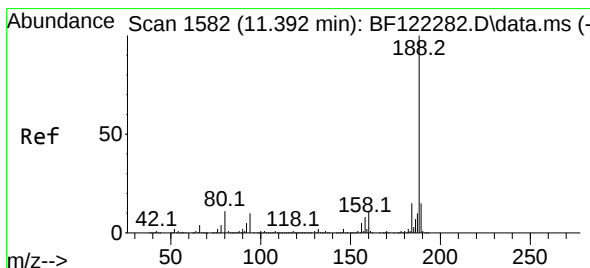
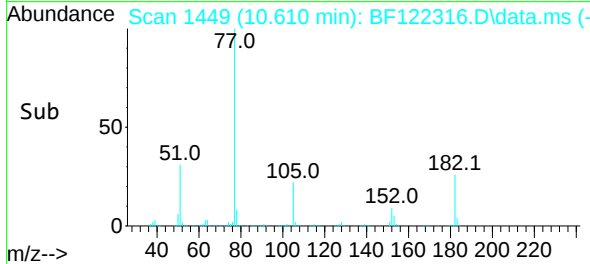
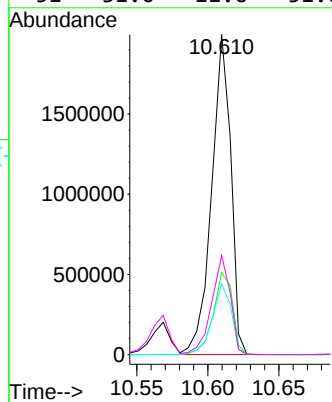
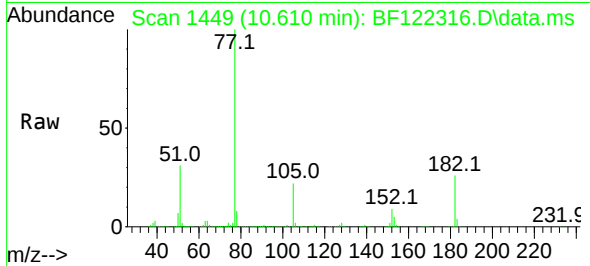


#63
Azobenzene
Concen: 45.98 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

Tgt Ion: 77 Resp: 1865134

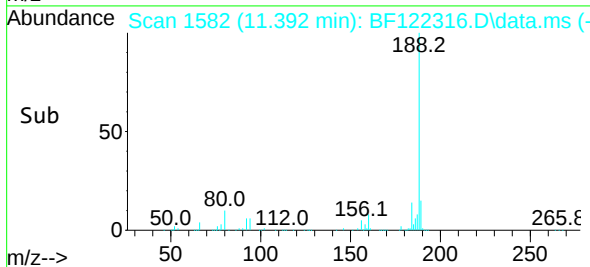
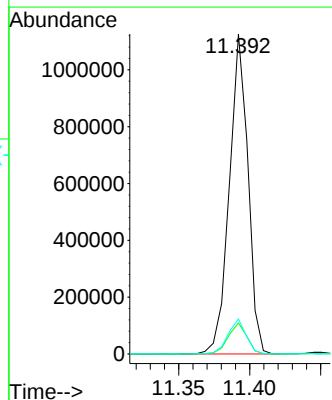
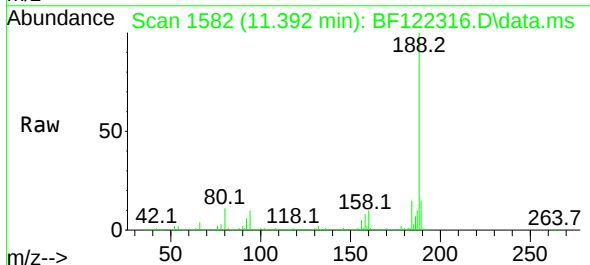
Ion	Ratio	Lower	Upper
77	100		
182	25.7	3.4	43.4
105	22.1	1.7	41.7
51	31.0	11.6	51.6

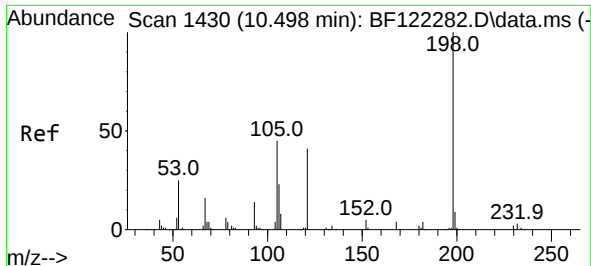


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion: 188 Resp: 1027388

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.3	12.5
80	11.0	9.1	13.7

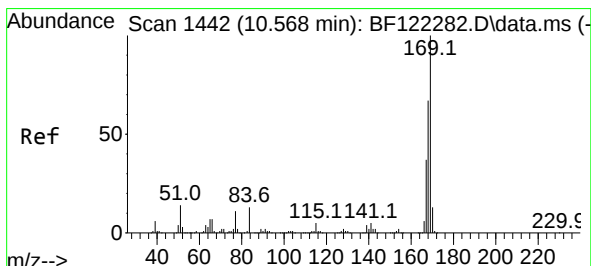
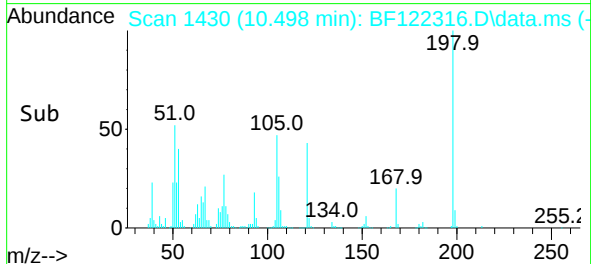
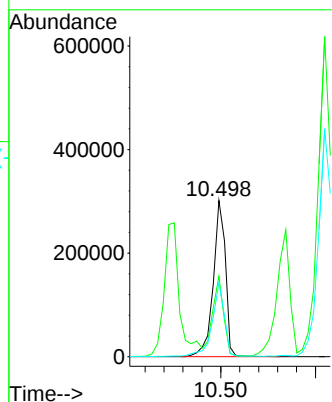
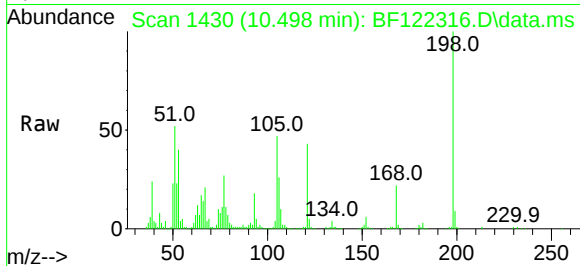




#65
4,6-Dinitro-2-methylphenol
Concen: 56.29 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

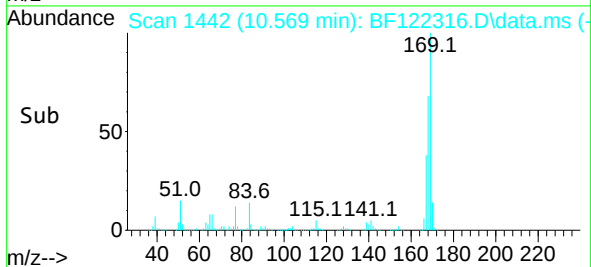
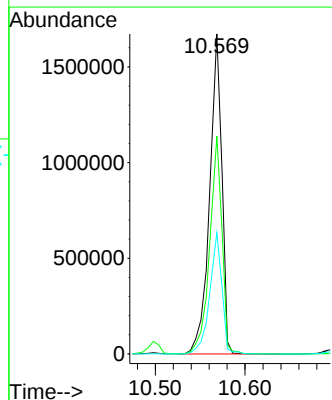
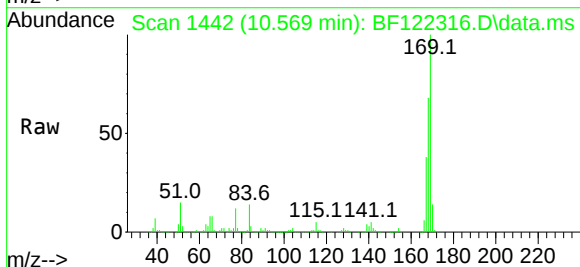
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

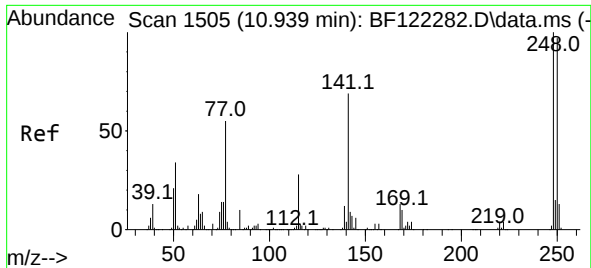
Tgt Ion:198 Resp: 268200
Ion Ratio Lower Upper
198 100
51 51.5 29.6 69.6
105 47.3 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 45.21 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion:169 Resp: 1582423
Ion Ratio Lower Upper
169 100
168 68.1 50.0 75.0
167 37.9 27.8 41.6

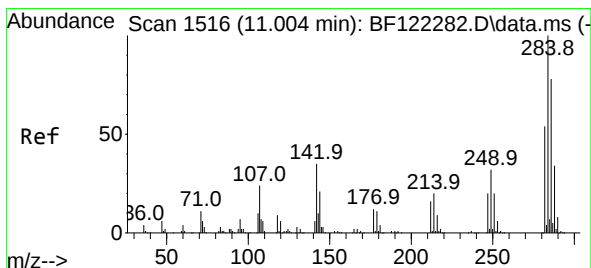
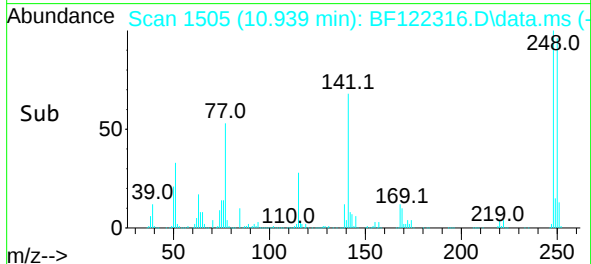
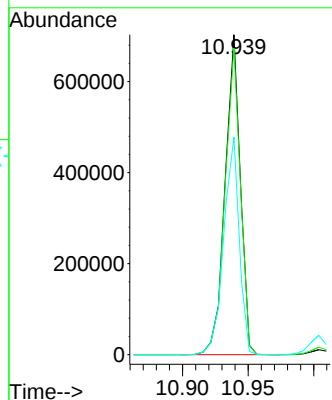
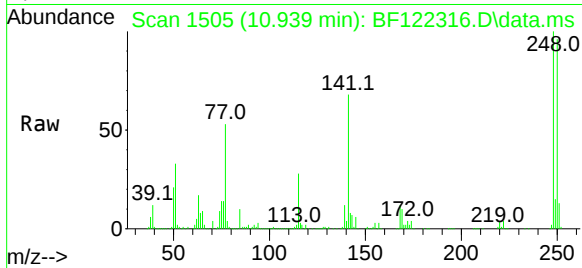




#67
4-Bromophenyl-phenylether
Concen: 47.10 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

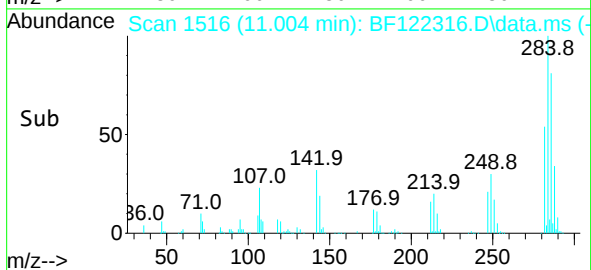
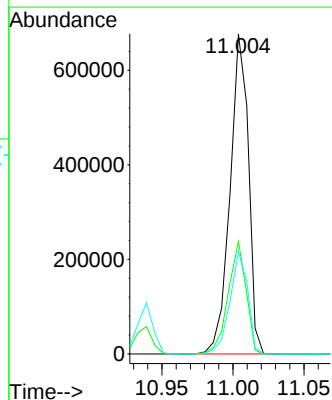
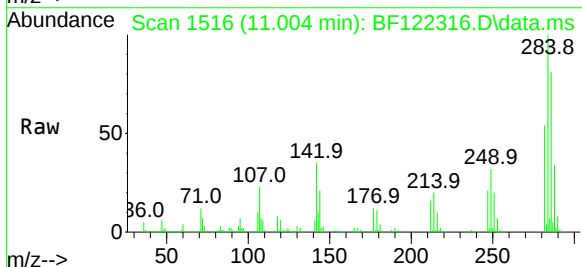
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

Tgt Ion:248 Resp: 568694
Ion Ratio Lower Upper
248 100
250 95.9 77.0 115.6
141 68.1 53.7 80.5



#68
Hexachlorobenzene
Concen: 46.57 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion:284 Resp: 607480
Ion Ratio Lower Upper
284 100
142 35.2 27.4 41.2
249 32.0 24.2 36.4





#69

Atrazine

Concen: 50.97 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF122316.D

Acq: 12 Nov 2020 15:31

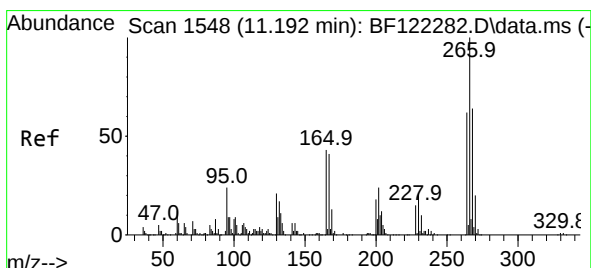
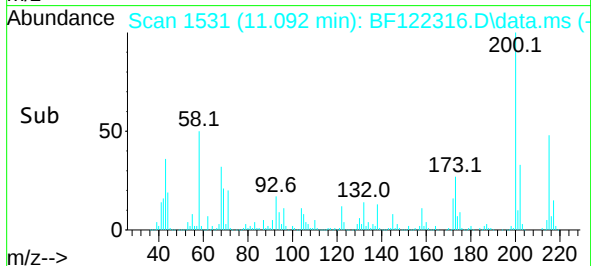
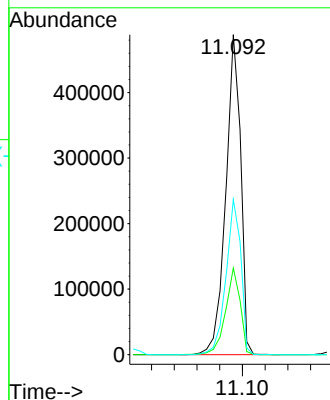
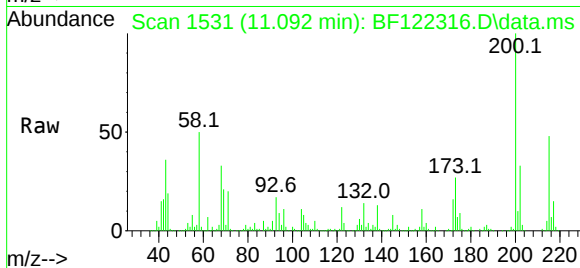
Tgt Ion:200 Resp: 444302

Ion Ratio Lower Upper

200 100

173 27.1 7.5 47.5

215 48.5 27.1 67.1



#70

Pentachlorophenol

Concen: 98.70 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF122316.D

Acq: 12 Nov 2020 15:31

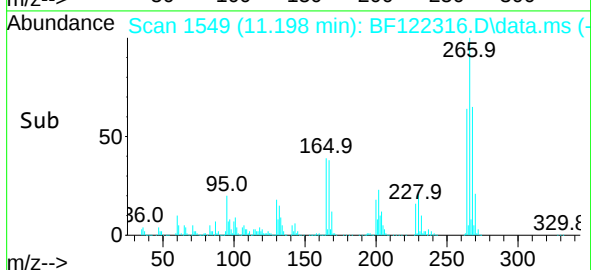
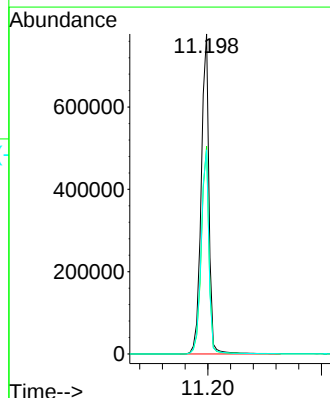
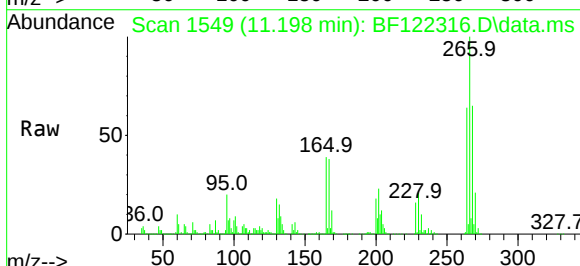
Tgt Ion:266 Resp: 741760

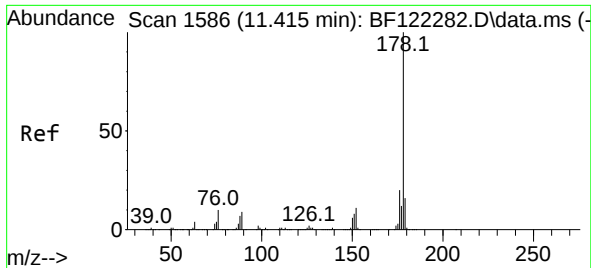
Ion Ratio Lower Upper

266 100

268 64.9 52.4 78.6

264 63.8 49.9 74.9

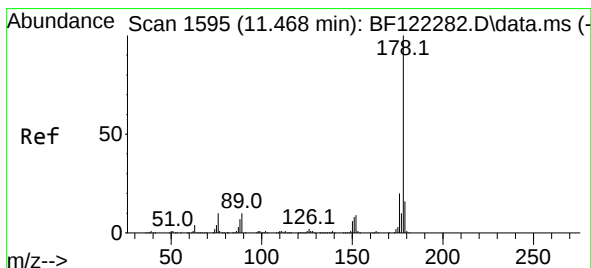
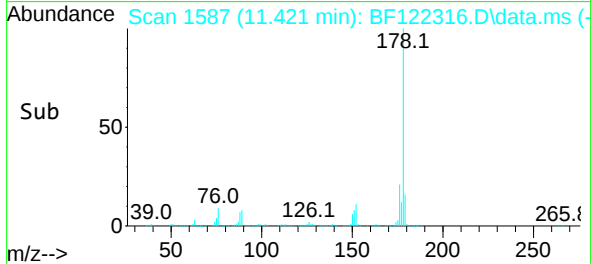
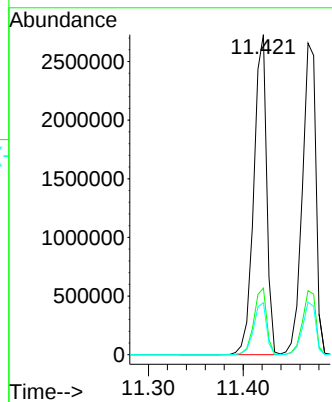
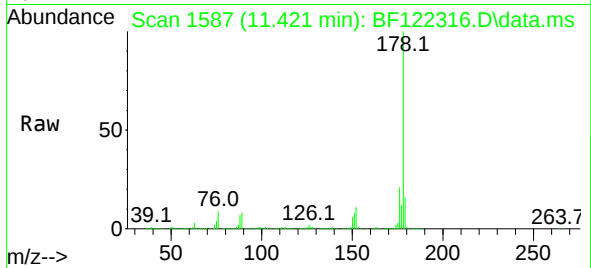




#71
Phenanthrene
Concen: 44.28 ng
RT: 11.421 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

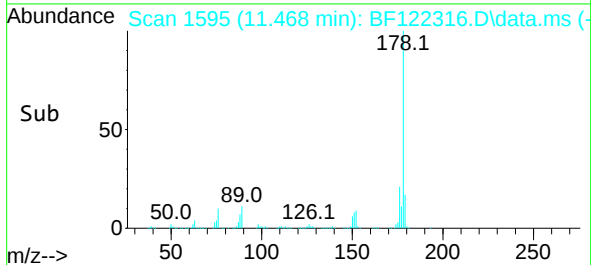
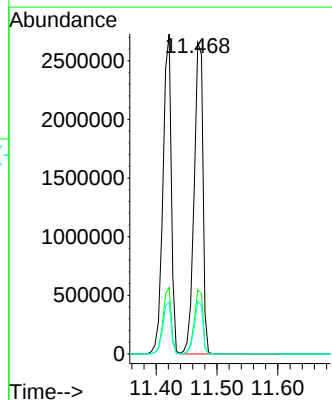
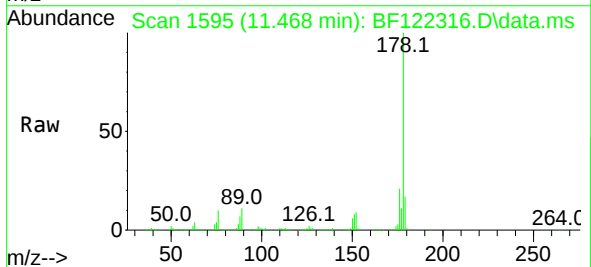
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

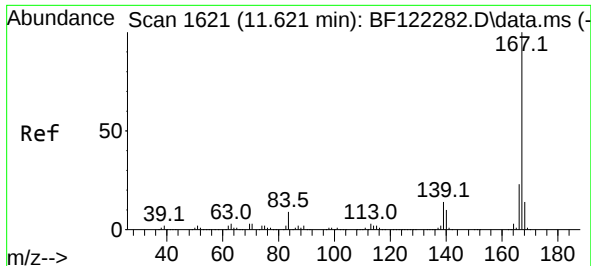
Tgt Ion:178 Resp: 2580929
Ion Ratio Lower Upper
178 100
176 20.8 15.9 23.9
179 16.2 12.2 18.4



#72
Anthracene
Concen: 44.30 ng
RT: 11.468 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion:178 Resp: 2661638
Ion Ratio Lower Upper
178 100
176 20.6 15.7 23.5
179 16.9 12.7 19.1



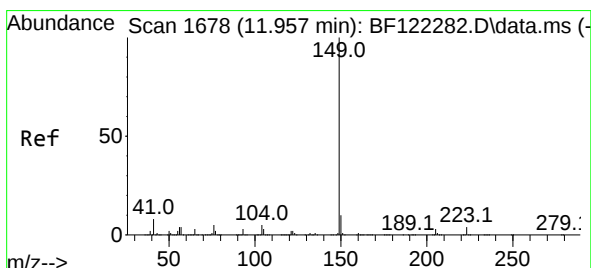
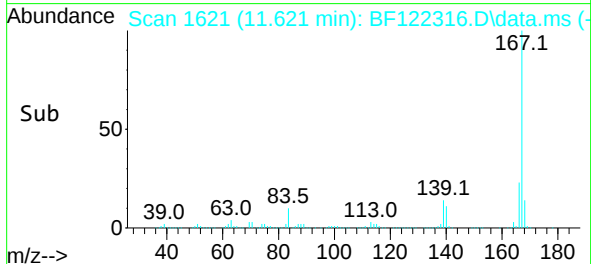
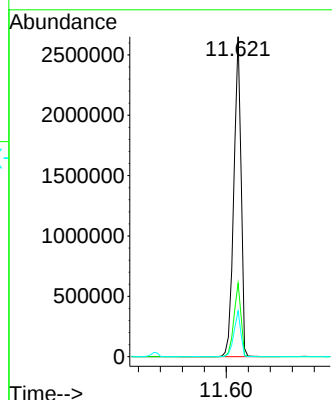
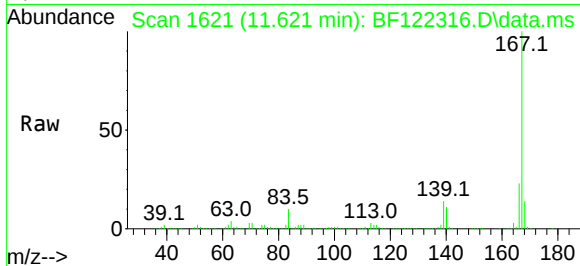


#73
 Carbazole
 Concen: 44.53 ng
 RT: 11.621 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF122316.D
 Acq: 12 Nov 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 M-5(10-20)MS

Tgt Ion:167 Resp: 2433674

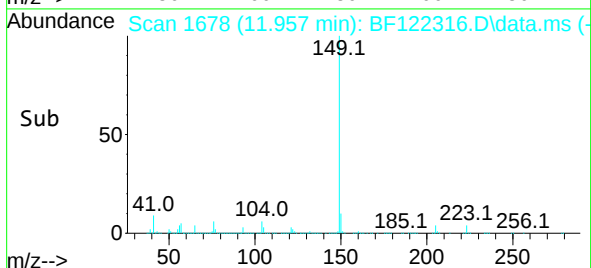
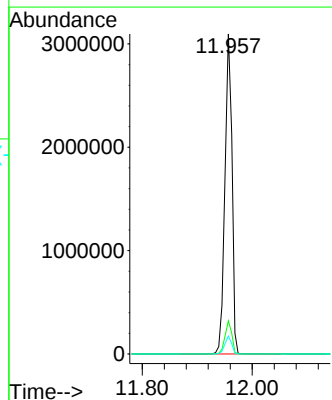
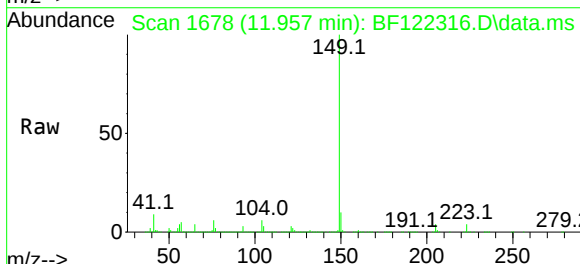
Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.8	26.6
139	14.3	10.8	16.2

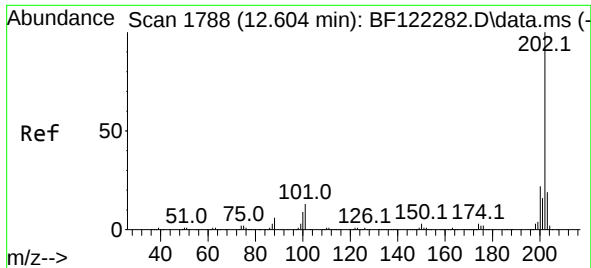


#74
 Di-n-butylphthalate
 Concen: 47.14 ng
 RT: 11.957 min Scan# 1678
 Delta R.T. -0.000 min
 Lab File: BF122316.D
 Acq: 12 Nov 2020 15:31

Tgt Ion:149 Resp: 2746736

Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.7	11.5
104	5.6	4.2	6.2

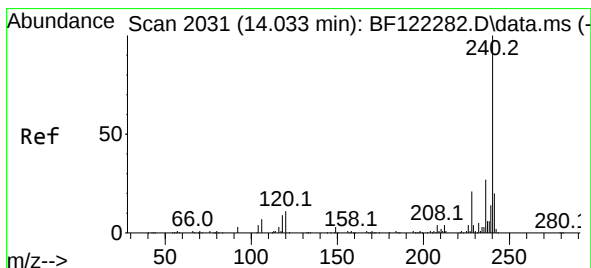
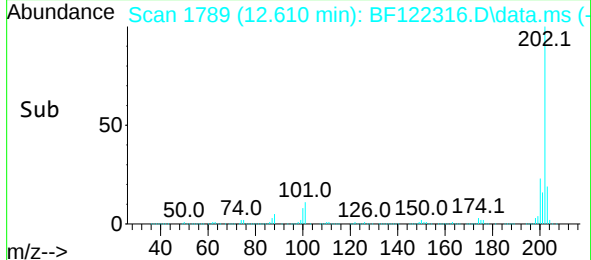
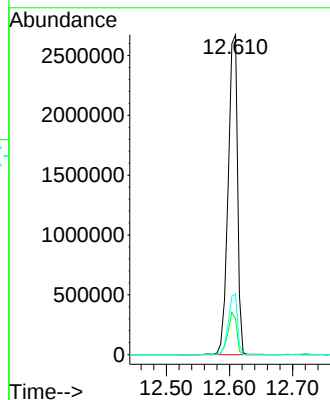
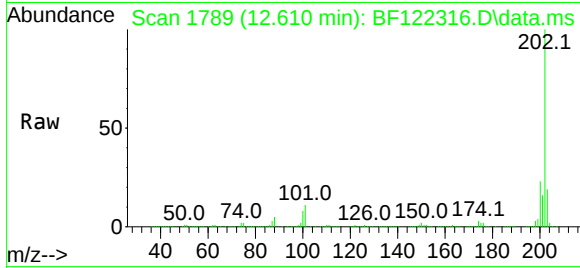




#75
Fluoranthene
Concen: 45.30 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

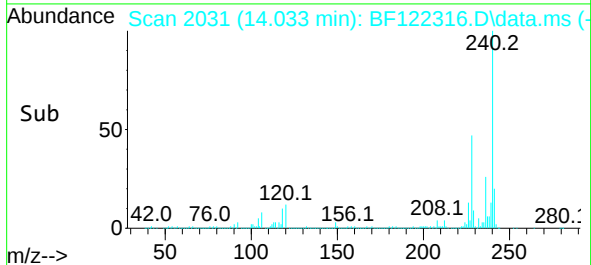
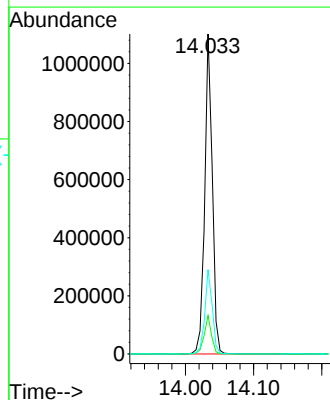
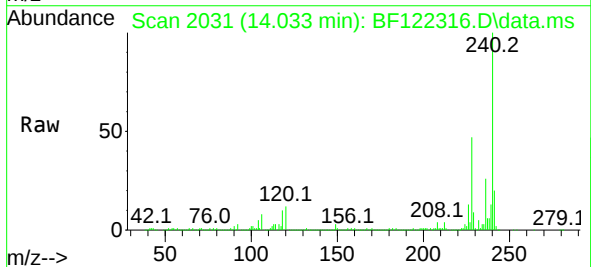
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

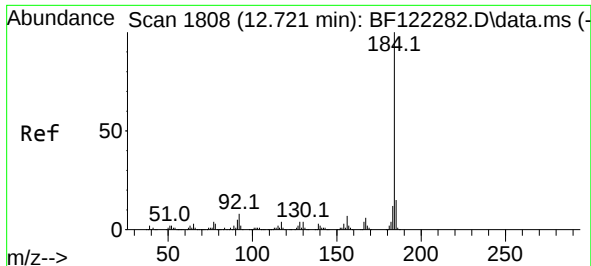
Tgt Ion:202 Resp: 2756711
Ion Ratio Lower Upper
202 100
101 11.1 0.0 33.4
203 19.0 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion:240 Resp: 851562
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 26.4 20.9 31.3

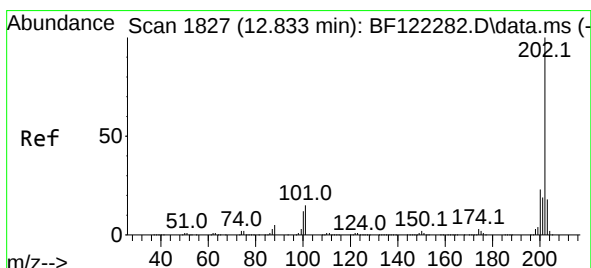
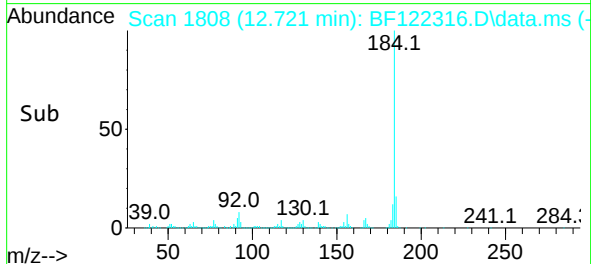
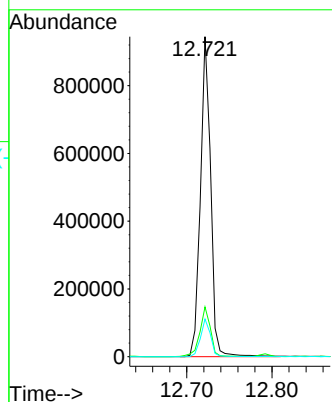
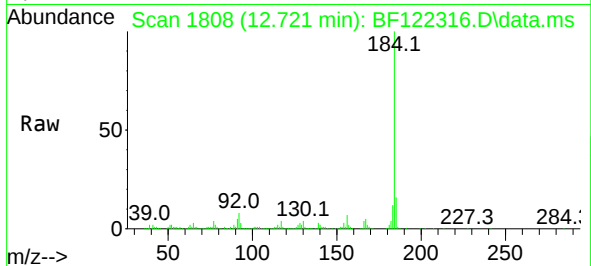




#77
Benzidine
Concen: 33.33 ng
RT: 12.721 min Scan# 1808
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

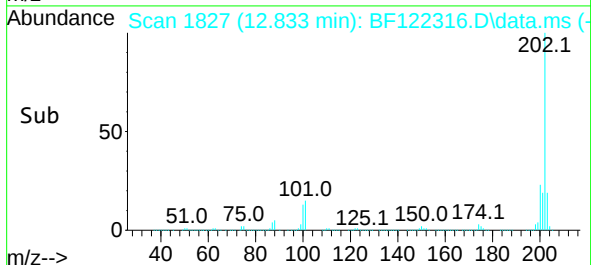
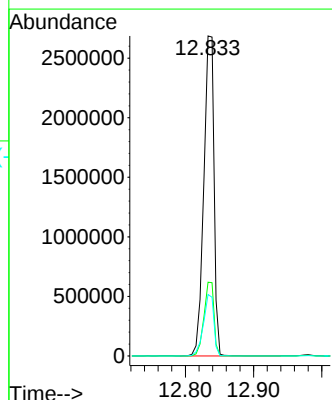
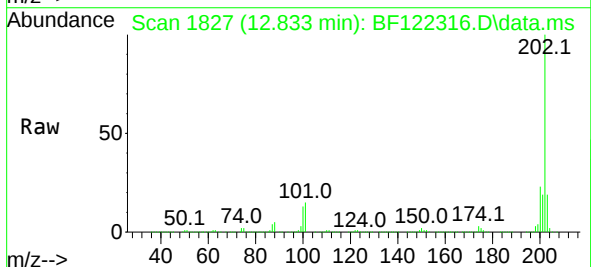
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

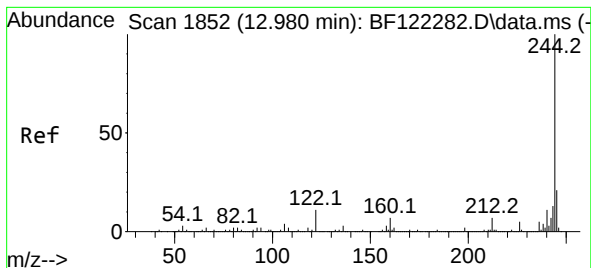
Tgt Ion:184 Resp: 787320
Ion Ratio Lower Upper
184 100
185 15.5 11.6 17.4
183 11.7 9.4 14.0



#78
Pyrene
Concen: 46.91 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion:202 Resp: 2806574
Ion Ratio Lower Upper
202 100
200 23.1 17.4 26.2
203 19.2 14.6 21.8

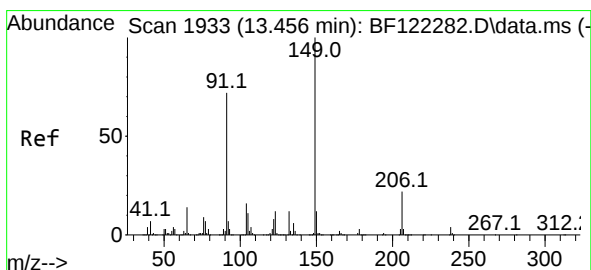
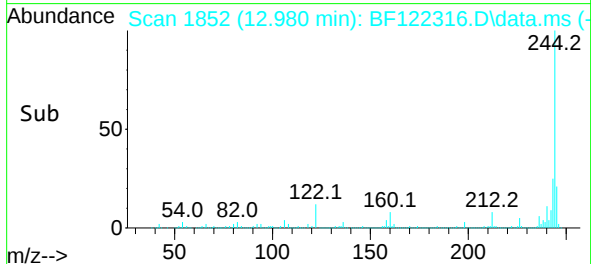
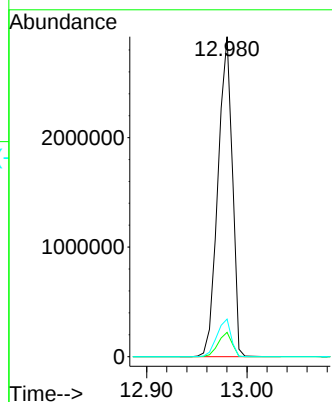
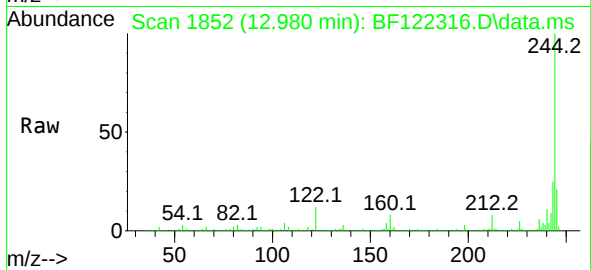




#79
 Terphenyl-d14
 Concen: 72.20 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF122316.D
 Acq: 12 Nov 2020 15:31

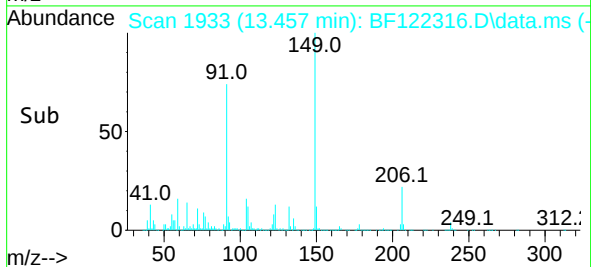
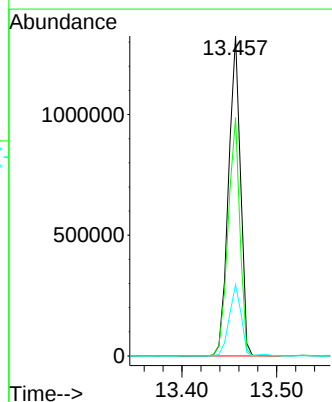
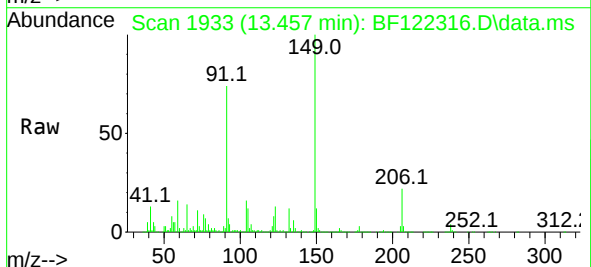
Instrument :
 BNA_F
 ClientSampleId :
 M-5(10-20)MS

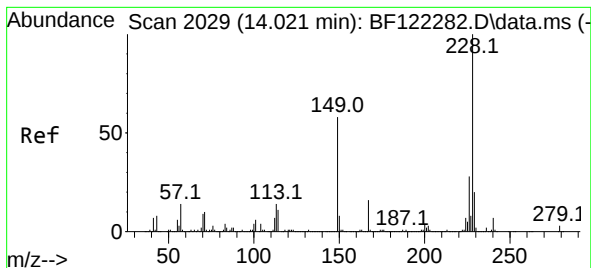
Tgt Ion:244 Resp: 2902354
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 11.8 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 48.72 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. 0.001 min
 Lab File: BF122316.D
 Acq: 12 Nov 2020 15:31

Tgt Ion:149 Resp: 1170197
 Ion Ratio Lower Upper
 149 100
 91 74.4 61.0 91.4
 206 22.3 16.7 25.1

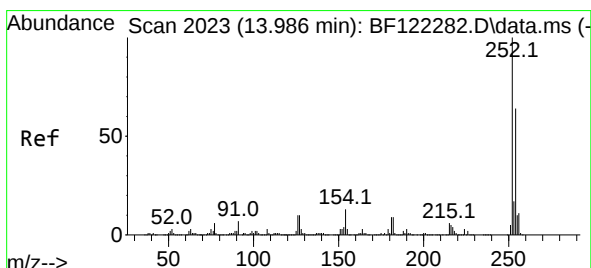
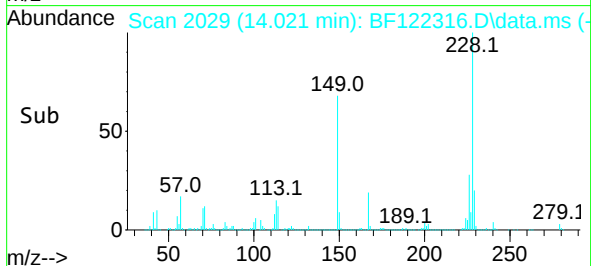
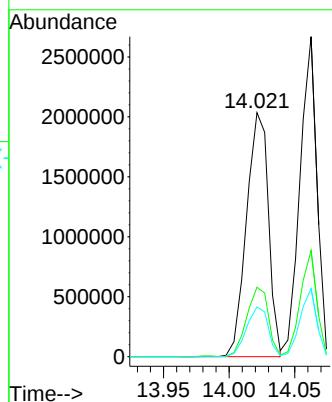
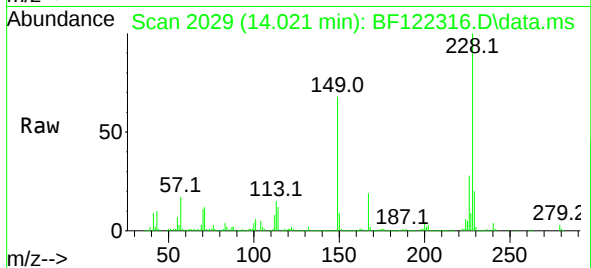




#81
Benzo(a)anthracene
Concen: 44.76 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

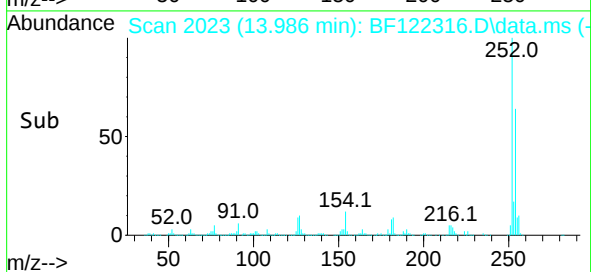
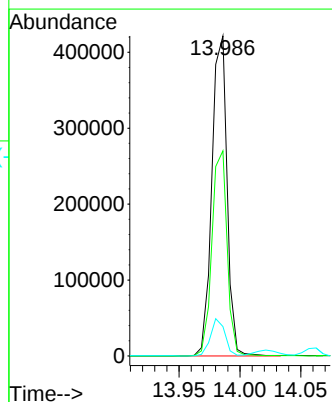
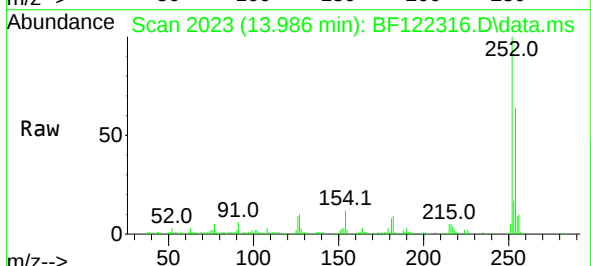
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

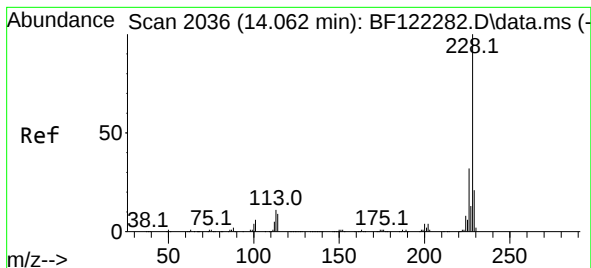
Tgt Ion:228 Resp: 2370617
Ion Ratio Lower Upper
228 100
226 28.5 22.3 33.5
229 20.4 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 18.52 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion:252 Resp: 365567
Ion Ratio Lower Upper
252 100
254 64.1 51.8 77.6
126 9.2 8.8 13.2





#83

Chrysene

Concen: 45.13 ng

RT: 14.062 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF122316.D

Acq: 12 Nov 2020 15:31

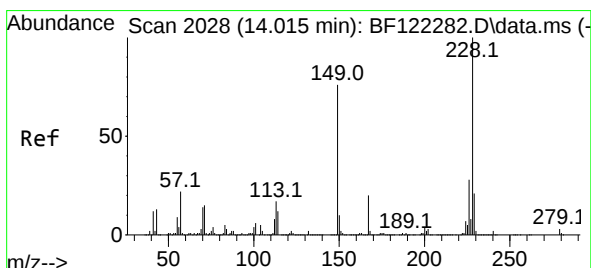
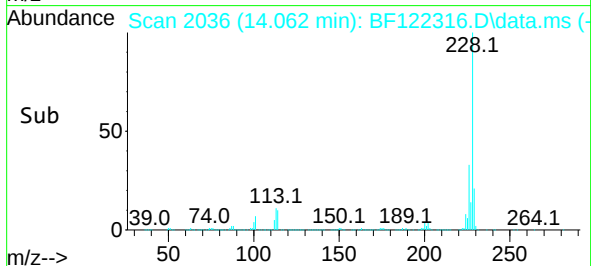
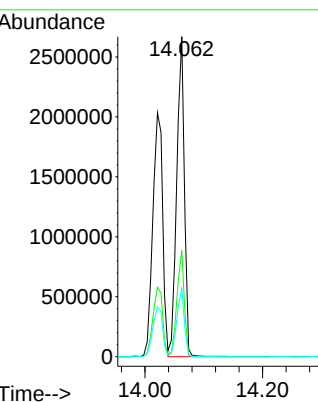
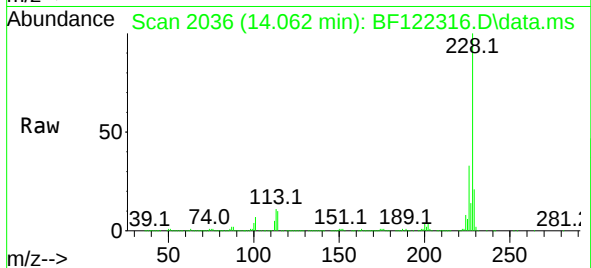
Tgt Ion:228 Resp: 2407101

Ion Ratio Lower Upper

228 100

226 33.2 24.6 37.0

229 21.3 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.55 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF122316.D

Acq: 12 Nov 2020 15:31

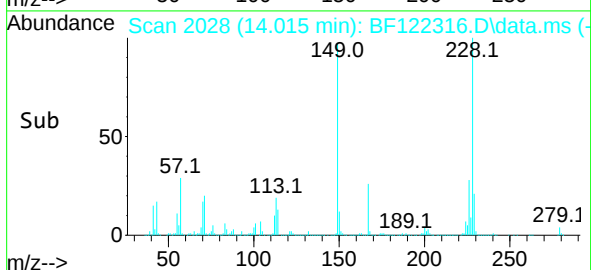
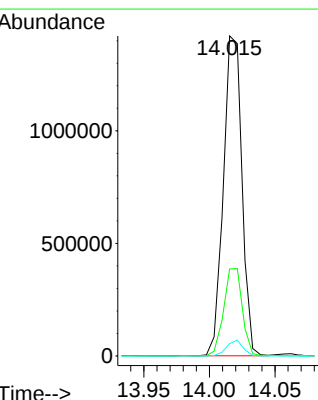
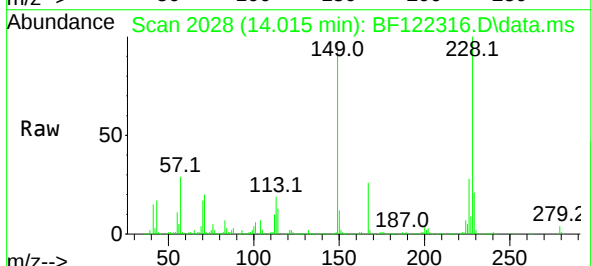
Tgt Ion:149 Resp: 1400389

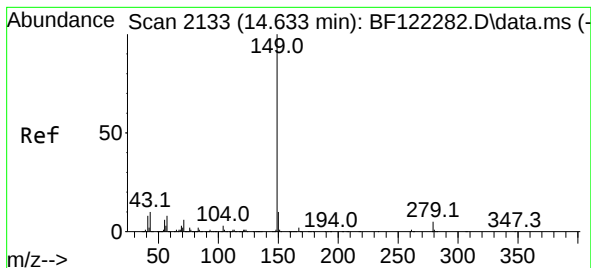
Ion Ratio Lower Upper

149 100

167 27.2 20.9 31.3

279 3.9 3.2 4.8

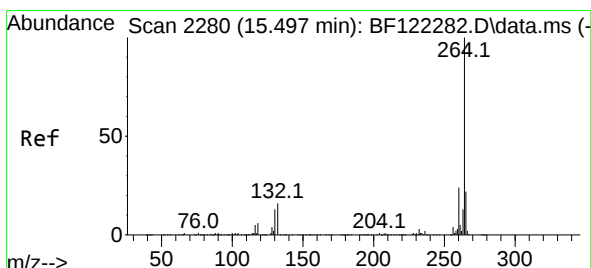
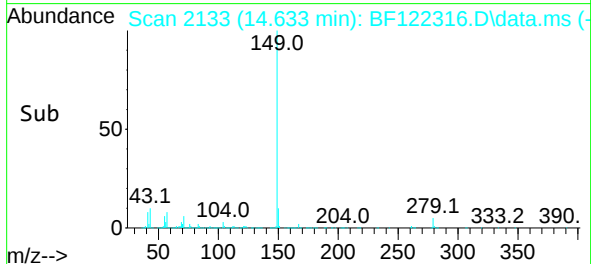
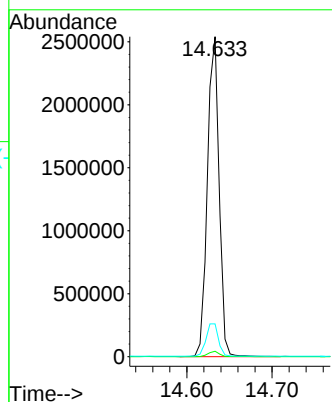
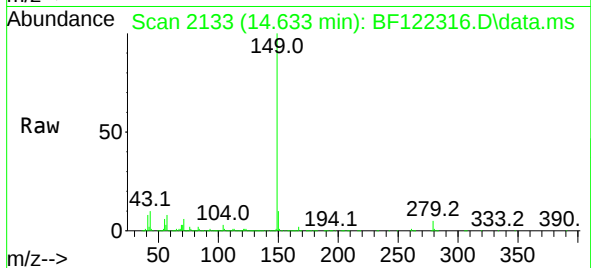




#85
Di-n-octyl phthalate
Concen: 49.52 ng
RT: 14.633 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

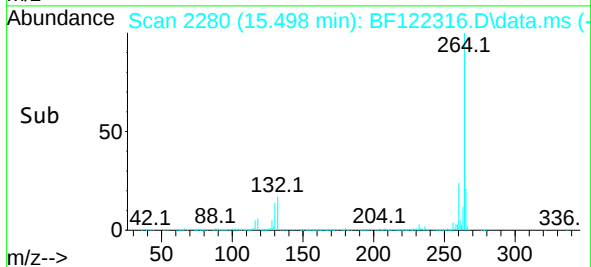
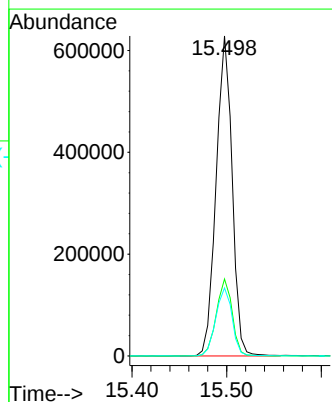
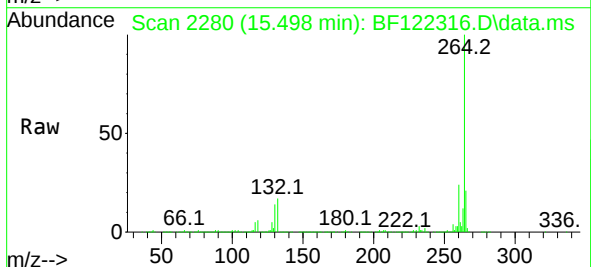
Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

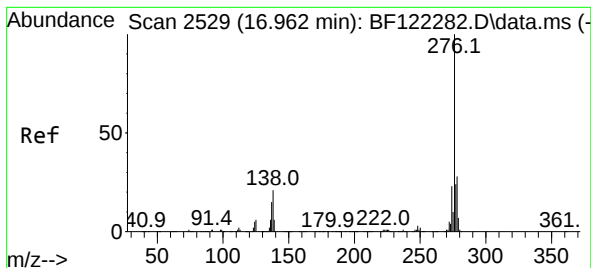
Tgt Ion:149 Resp: 2421099
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.8 9.0 13.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion:264 Resp: 737703
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 21.2 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.05 ng

RT: 16.968 min Scan# 2530

Delta R.T. 0.006 min

Lab File: BF122316.D

Acq: 12 Nov 2020 15:31

Tgt Ion:276 Resp: 2171202

Ion Ratio Lower Upper

276 100

138 24.3 19.9 29.9

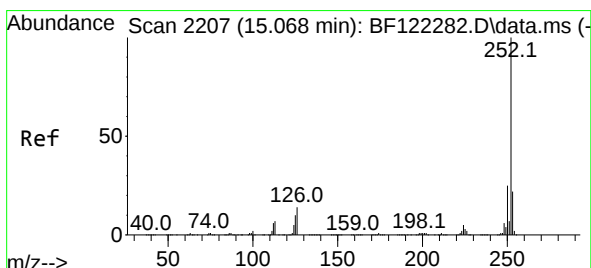
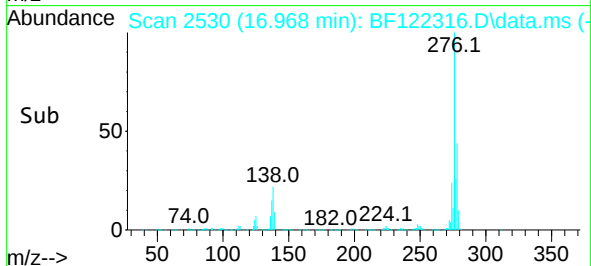
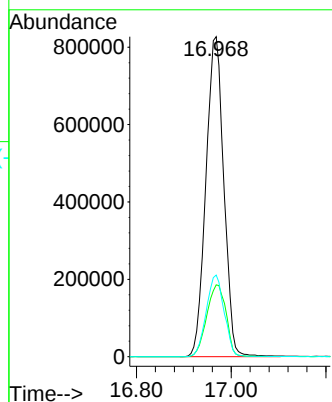
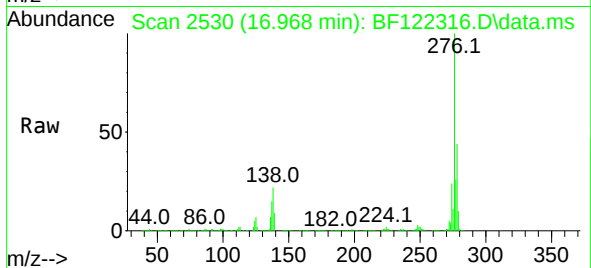
277 25.6 20.4 30.6

Instrument :

BNA_F

ClientSampleId :

M-5(10-20)MS



#88

Benzo(b)fluoranthene

Concen: 46.43 ng

RT: 15.074 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BF122316.D

Acq: 12 Nov 2020 15:31

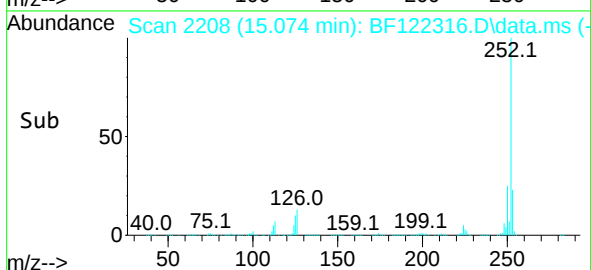
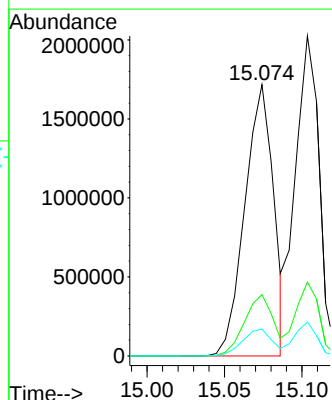
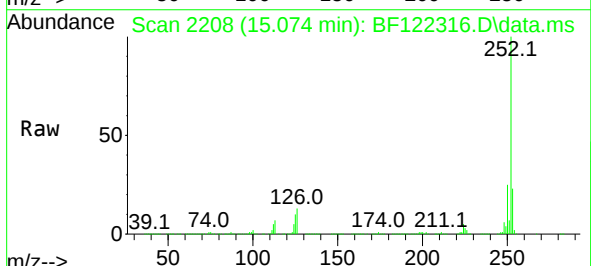
Tgt Ion:252 Resp: 2218038

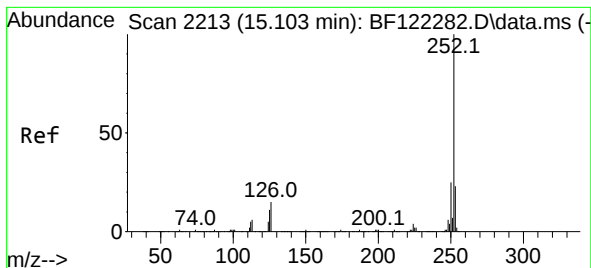
Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

125 9.9 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 46.13 ng

RT: 15.104 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF122316.D

Acq: 12 Nov 2020 15:31

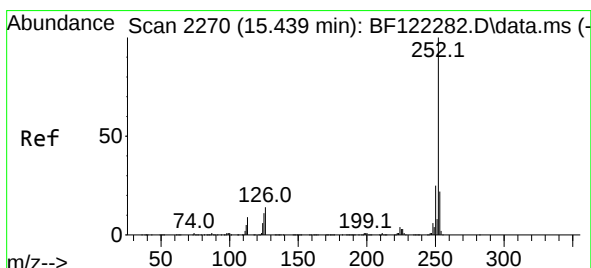
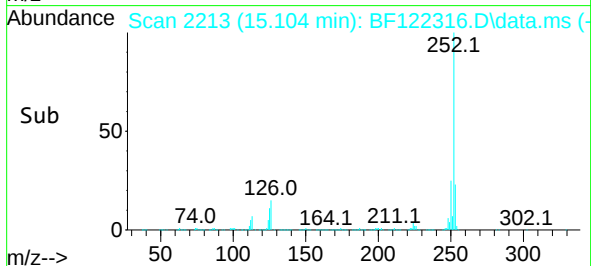
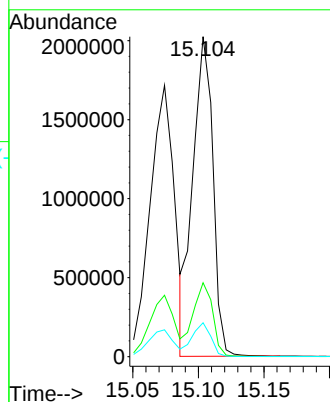
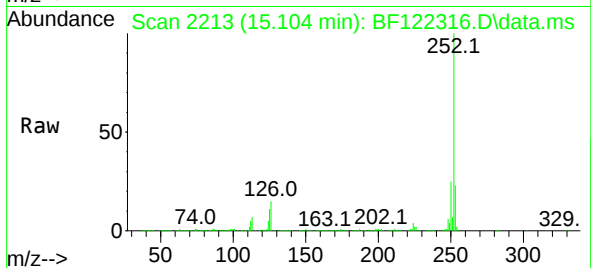
Tgt Ion:252 Resp: 2149119

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

125 10.6 7.7 11.5



#90

Benzo(a)pyrene

Concen: 46.14 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF122316.D

Acq: 12 Nov 2020 15:31

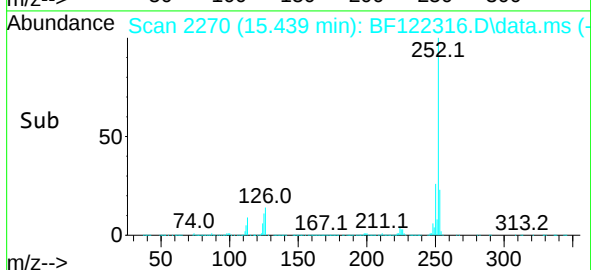
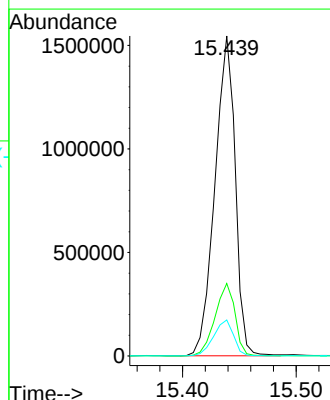
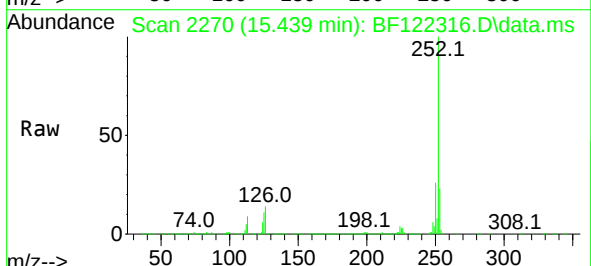
Tgt Ion:252 Resp: 1921690

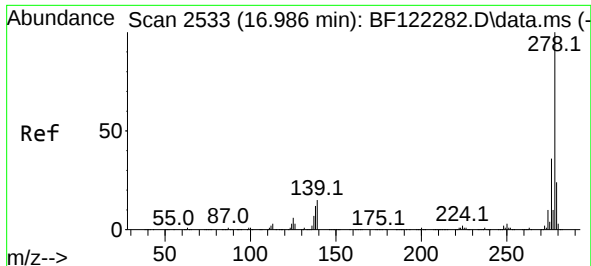
Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

125 11.3 8.6 13.0

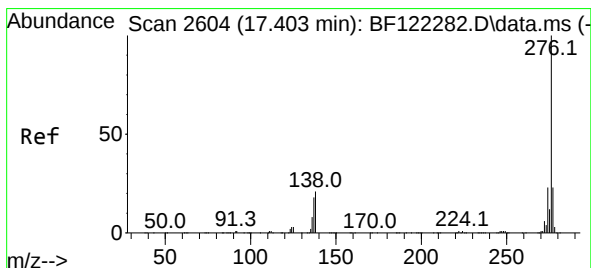
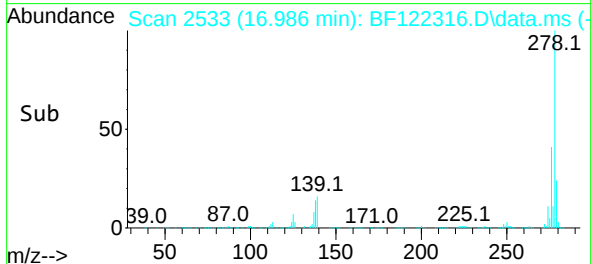
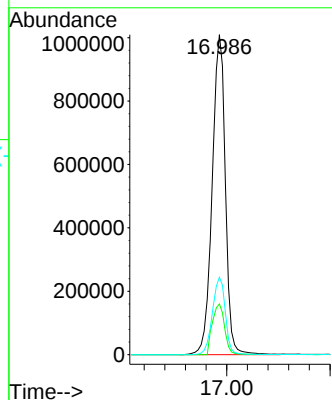
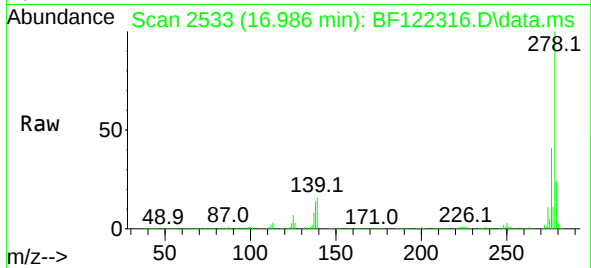




#91
Dibenzo(a,h)anthracene
Concen: 48.20 ng
RT: 16.986 min Scan# 2533
Delta R.T. 0.000 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Instrument :
BNA_F
ClientSampleId :
M-5(10-20)MS

Tgt Ion:278 Resp: 1787189
Ion Ratio Lower Upper
278 100
139 15.8 13.0 19.4
279 24.2 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 51.09 ng
RT: 17.415 min Scan# 2606
Delta R.T. 0.012 min
Lab File: BF122316.D
Acq: 12 Nov 2020 15:31

Tgt Ion:276 Resp: 1842020
Ion Ratio Lower Upper
276 100
277 24.2 19.4 29.2
138 20.9 17.8 26.6

