

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120120\
 Data File : BF122524.D
 Acq On : 1 Dec 2020 16:25
 Operator : JU/CG
 Sample : L4906-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4-DRUMMSD

Quant Time: Dec 01 17:05:46 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 24 14:38:56 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	202773	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	794727	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	420402	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	786666	20.00	ng	0.00
76) Chrysene-d12	14.033	240	579270	20.00	ng	0.00
86) Perylene-d12	15.504	264	518635	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1049645	79.48	ng	0.00
7) Phenol-d6	6.493	99	1327706	76.85	ng	0.00
23) Nitrobenzene-d5	7.422	82	837559	64.52	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	439819	97.48	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1555925	57.83	ng	0.00
79) Terphenyl-d14	12.974	244	1699331	62.15	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	211529	34.93	ng	88
3) Pyridine	3.399	79	601673	36.12	ng	88
4) n-Nitrosodimethylamine	3.352	42	274547	34.96	ng	89
6) Aniline	6.522	93	728960	32.16	ng	96
8) 2-Chlorophenol	6.645	128	628123	45.87	ng	89
9) Benzaldehyde	6.404	77	368831	40.50	ng	97
10) Phenol	6.510	94	791573	46.53	ng	89
11) bis(2-Chloroethyl)ether	6.593	93	582478	43.08	ng	93
12) 1,3-Dichlorobenzene	6.798	146	668000	42.96	ng	97
13) 1,4-Dichlorobenzene	6.875	146	679224	43.49	ng	99
14) 1,2-Dichlorobenzene	7.028	146	650036	44.60	ng	99
15) Benzyl Alcohol	7.004	79	505535	41.16	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	771595	39.15	ng	93
17) 2-Methylphenol	7.116	107	511082	44.71	ng	99
18) Hexachloroethane	7.375	117	242563	44.60	ng	90
19) n-Nitroso-di-n-propyla...	7.275	70	410729	39.79	ng	93
20) 3+4-Methylphenols	7.269	107	585694	41.64	ng	98
22) Acetophenone	7.269	105	774742	37.43	ng	94
24) Nitrobenzene	7.440	77	646723	43.54	ng	96
25) Isophorone	7.687	82	1136964	39.29	ng	94
26) 2-Nitrophenol	7.757	139	328022	50.46	ng	99
27) 2,4-Dimethylphenol	7.798	122	542186	39.72	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	724941	40.96	ng	99
29) 2,4-Dichlorophenol	8.004	162	533610	44.15	ng	95
30) 1,2,4-Trichlorobenzene	8.087	180	560134	41.99	ng	96
31) Naphthalene	8.169	128	1717934	40.66	ng	99
32) Benzoic acid	7.916	122	201245	30.18	ng	99
33) 4-Chloroaniline	8.210	127	346591	18.84	ng	98
34) Hexachlorobutadiene	8.287	225	332204	43.33	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	557825	44.25	ng	94
37) 2-Methylnaphthalene	8.857	142	1173510	42.04	ng	99
38) 1-Methylnaphthalene	8.957	142	1095297	41.92	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	552117	42.62	ng	99
41) Hexachlorocyclopentadiene	9.016	237	590604	77.97	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	382598	45.48	ng	99
44) 2,4,5-Trichlorophenol	9.181	196	414987	47.05	ng	97

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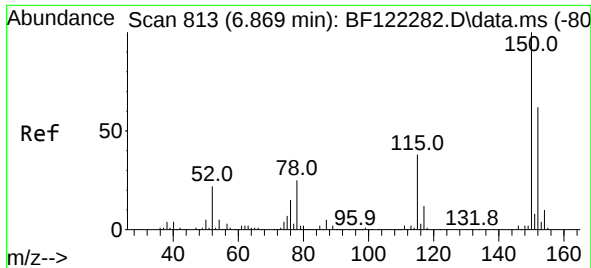
Quant Time: Dec 01 17:05:46 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.322	154	1397843	41.77	ng	99
47) 2-Chloronaphthalene	9.345	162	1126249	42.41	ng	99
48) 2-Nitroaniline	9.445	65	343013	43.85	ng	87
49) Acenaphthylene	9.763	152	1719075	42.11	ng	99
50) Dimethylphthalate	9.628	163	1495943	50.06	ng	100
51) 2,6-Dinitrotoluene	9.686	165	306924	46.30	ng	# 84
52) Acenaphthene	9.939	154	1030520	40.79	ng	100
53) 3-Nitroaniline	9.851	138	193799	27.25	ng	96
54) 2,4-Dinitrophenol	9.963	184	239480	83.46	ng	94
55) Dibenzofuran	10.110	168	1579092	42.66	ng	99
56) 4-Nitrophenol	10.028	139	510091	78.38	ng	95
57) 2,4-Dinitrotoluene	10.092	165	418106	49.71	ng	# 88
58) Fluorene	10.451	166	1225709	43.24	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	364226	49.66	ng	95
60) Diethylphthalate	10.322	149	1280533	43.68	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	587898	43.93	ng	98
62) 4-Nitroaniline	10.469	138	315273	42.93	ng	99
63) Azobenzene	10.604	77	1216878	39.57	ng	94
65) 4,6-Dinitro-2-methylph...	10.498	198	191590	53.77	ng	96
66) n-Nitrosodiphenylamine	10.563	169	1110450	41.43	ng	95
67) 4-Bromophenyl-phenylether	10.933	248	411820	44.55	ng	97
68) Hexachlorobenzene	11.004	284	442984	44.35	ng	93
69) Atrazine	11.092	200	328459	49.21	ng	97
70) Pentachlorophenol	11.198	266	489703	85.10	ng	99
71) Phenanthrene	11.416	178	1990646	44.60	ng	98
72) Anthracene	11.469	178	1939976	42.17	ng	100
73) Carbazole	11.622	167	1744797	41.69	ng	99
74) Di-n-butylphthalate	11.951	149	1961804	43.97	ng	99
75) Fluoranthene	12.604	202	2146140	46.06	ng	99
77) Benzidine	12.727	184	938128	58.39	ng	99
78) Pyrene	12.833	202	2144138	52.69	ng	99
80) Butylbenzylphthalate	13.451	149	828110	50.56	ng	93
81) Benzo(a)anthracene	14.021	228	1636853	45.44	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	442875	32.99	ng	99
83) Chrysene	14.063	228	1610399	44.38	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	1114161	56.78	ng	98
85) Di-n-octyl phthalate	14.621	149	1761944	52.98	ng	96
87) Indeno(1,2,3-cd)pyrene	16.986	276	1664351	53.48	ng	99
88) Benzo(b)fluoranthene	15.074	252	1617934	48.17	ng	100
89) Benzo(k)fluoranthene	15.104	252	1304899	39.84	ng	99
90) Benzo(a)pyrene	15.445	252	1319065	45.05	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	1332517	51.12	ng	99
92) Benzo(g,h,i)perylene	17.427	276	1434044	56.57	ng	98

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

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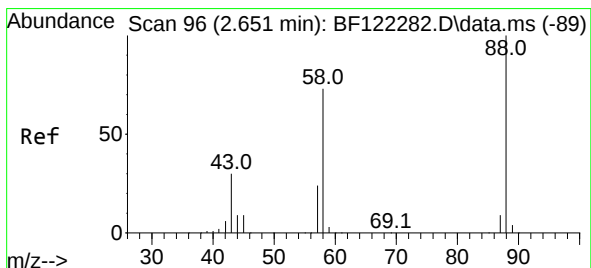
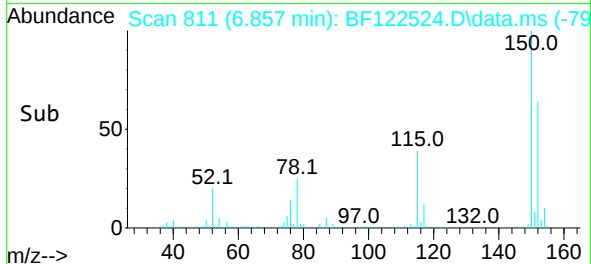
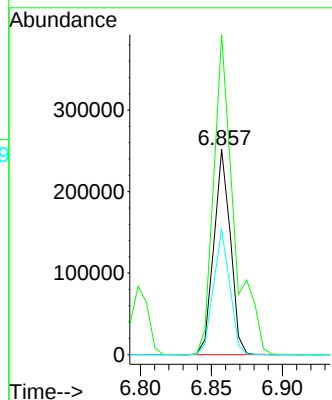
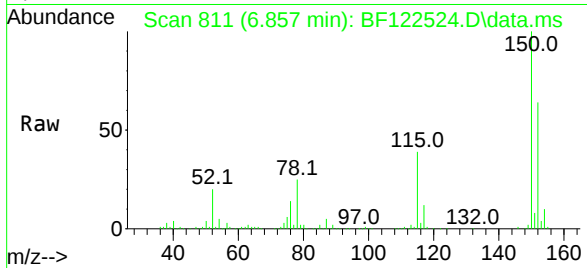




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.857 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BF122524.D
 Acq: 1 Dec 2020 16:25

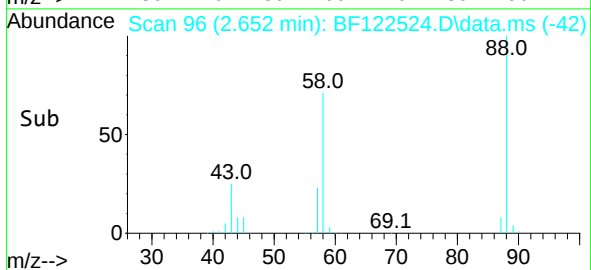
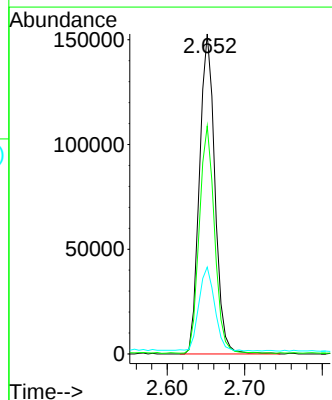
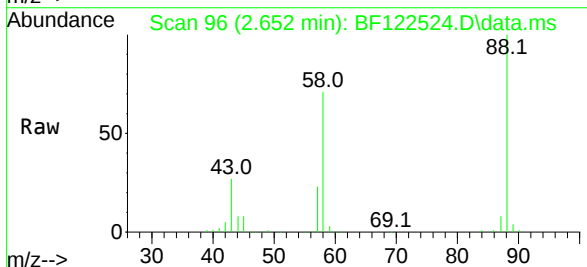
Instrument :
 BNA_F
 ClientSampleId :
 4-DRUMMSD

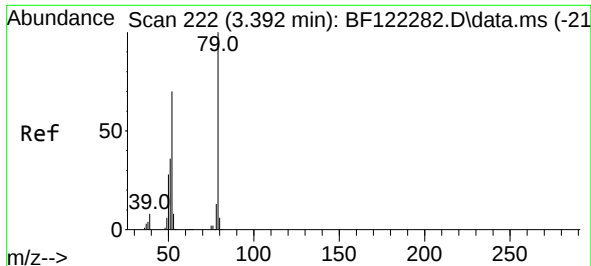
Tgt Ion:152 Resp: 202773
 Ion Ratio Lower Upper
 152 100
 150 155.9 125.3 187.9
 115 60.9 51.9 77.9



#2
 1,4-Dioxane
 Concen: 34.93 ng
 RT: 2.652 min Scan# 96
 Delta R.T. 0.018 min
 Lab File: BF122524.D
 Acq: 1 Dec 2020 16:25

Tgt Ion: 88 Resp: 211529
 Ion Ratio Lower Upper
 88 100
 58 70.1 65.8 98.8
 43 26.9 25.8 38.8

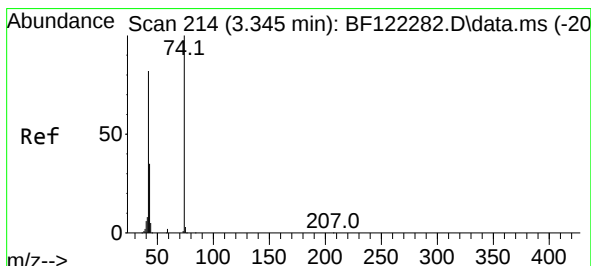
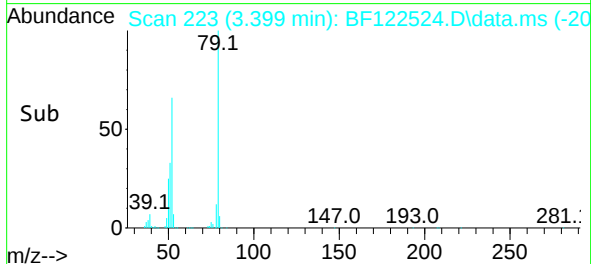
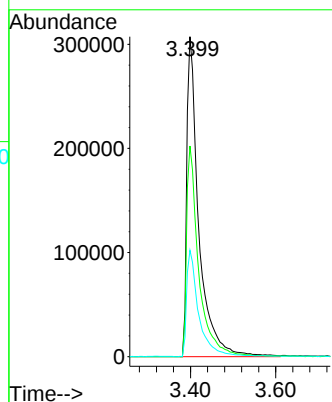
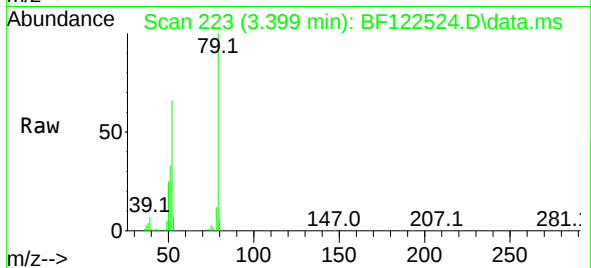




#3
Pyridine
Concen: 36.12 ng
RT: 3.399 min Scan# 223
Delta R.T. 0.018 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

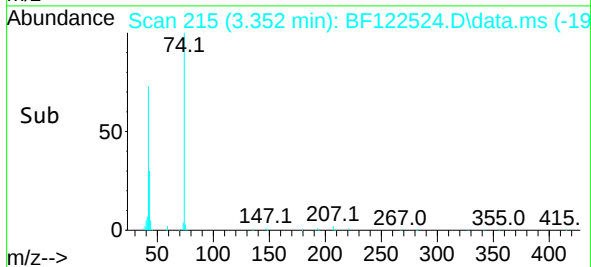
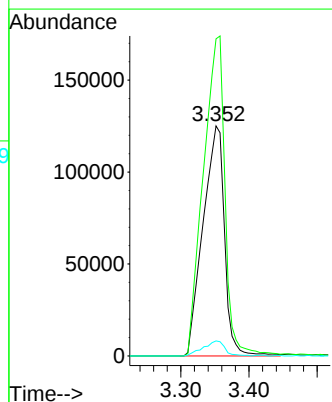
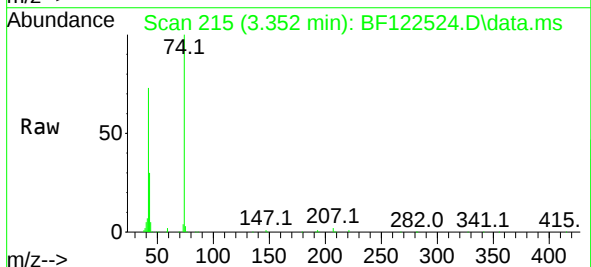
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BNA_F
ClientSampleId :
4-DRUMMSD

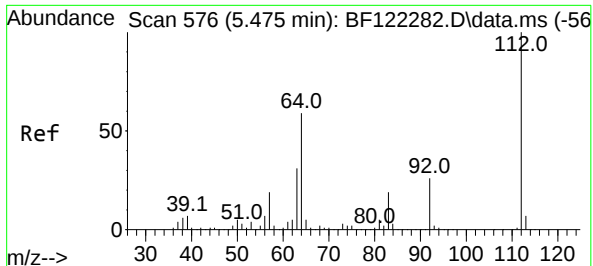
Tgt Ion: 79 Resp: 601673
Ion Ratio Lower Upper
79 100
52 65.9 62.2 93.4
51 33.3 31.1 46.7



#4
n-Nitrosodimethylamine
Concen: 34.96 ng
RT: 3.352 min Scan# 215
Delta R.T. 0.012 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion: 42 Resp: 274547
Ion Ratio Lower Upper
42 100
74 137.8 100.2 150.2
44 6.6 5.8 8.6

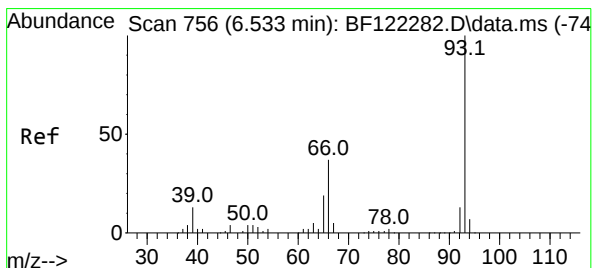
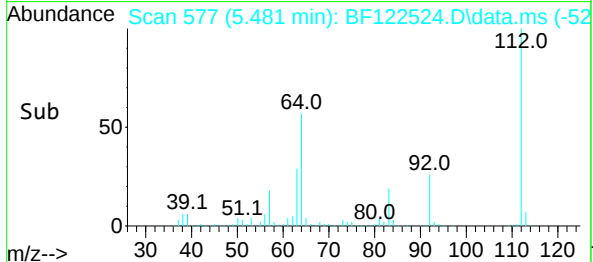
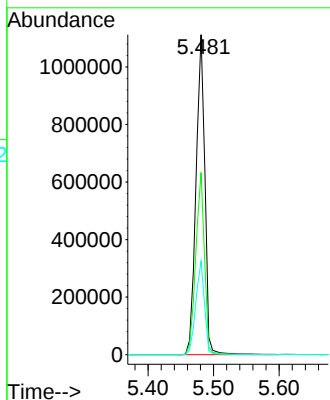
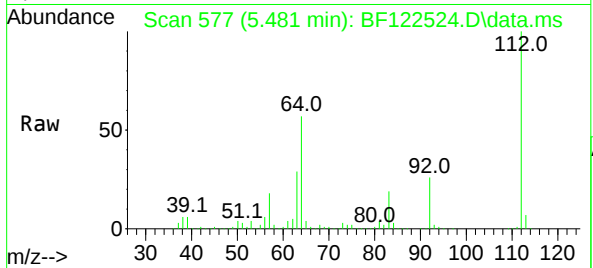




#5
2-Fluorophenol
Concen: 79.48 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

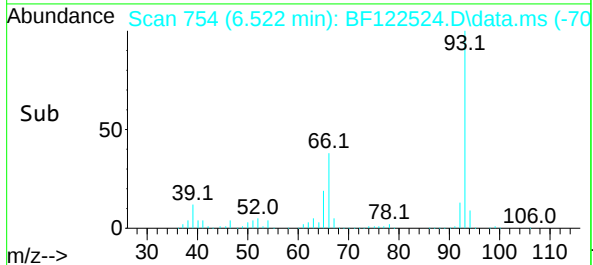
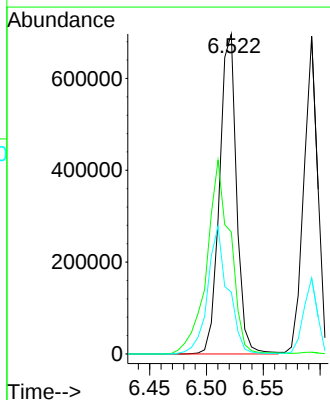
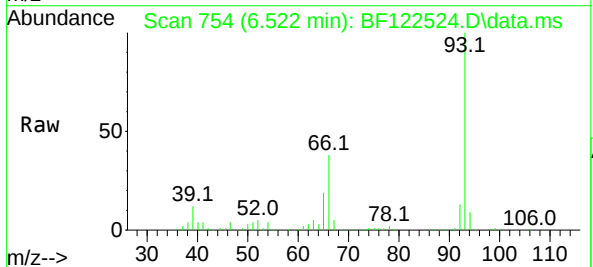
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

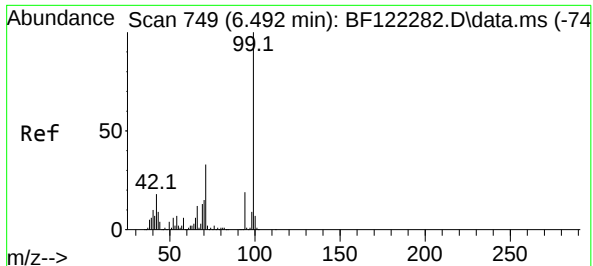
Tgt Ion:112 Resp: 1049645
Ion Ratio Lower Upper
112 100
64 56.9 50.4 75.6
63 29.2 25.8 38.6



#6
Aniline
Concen: 32.16 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion: 93 Resp: 728960
Ion Ratio Lower Upper
93 100
66 38.1 32.7 49.1
65 19.3 16.6 24.8



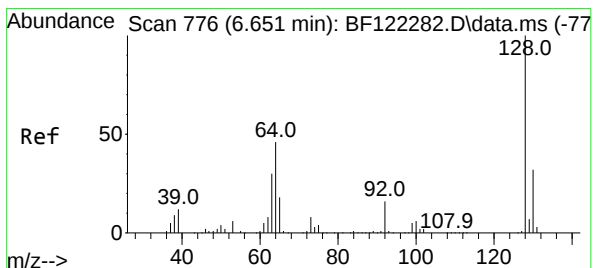
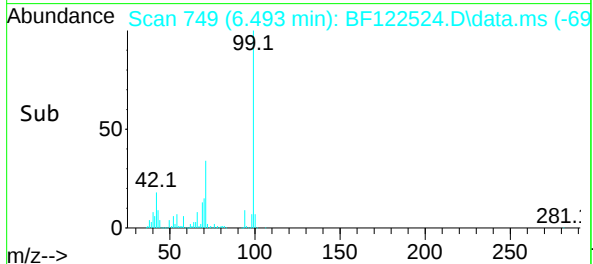
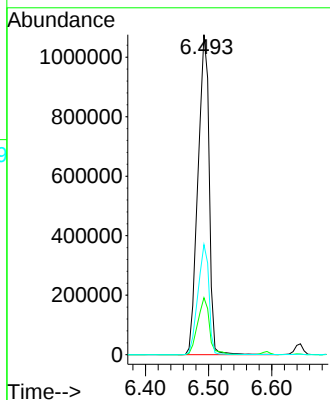
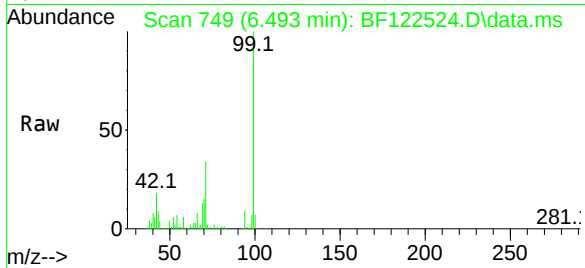


#7
Phenol-d6
Concen: 76.85 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

Tgt Ion: 99 Resp: 1327706

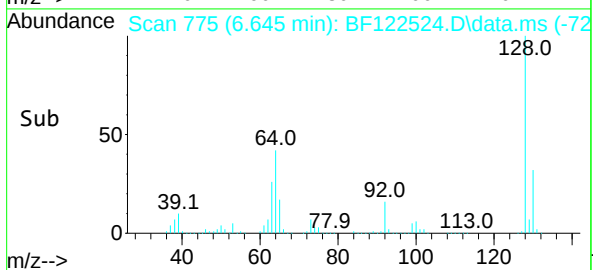
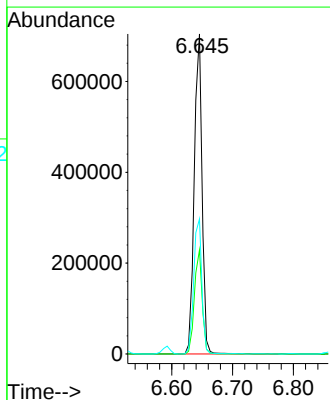
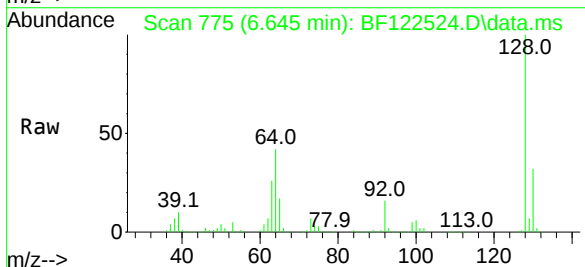
Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.9	23.9
71	34.4	27.1	40.7

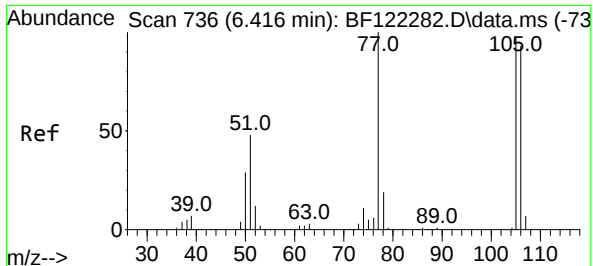


#8
2-Chlorophenol
Concen: 45.87 ng
RT: 6.645 min Scan# 775
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:128 Resp: 628123

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.4	52.4
64	42.2	34.8	74.8



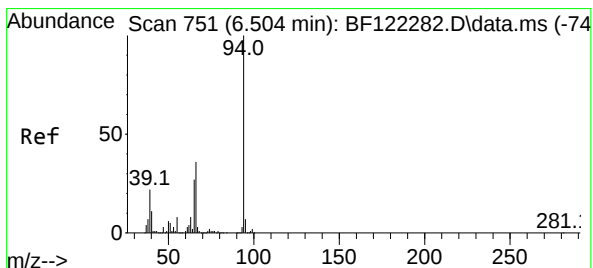
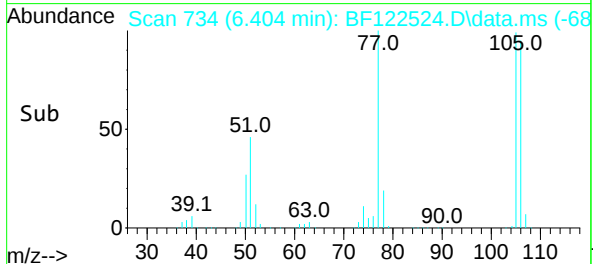
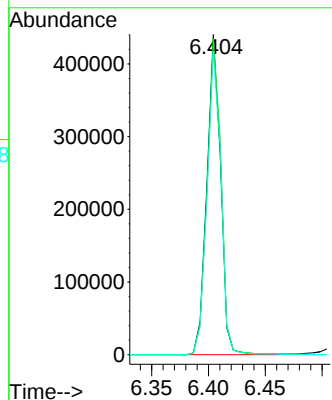
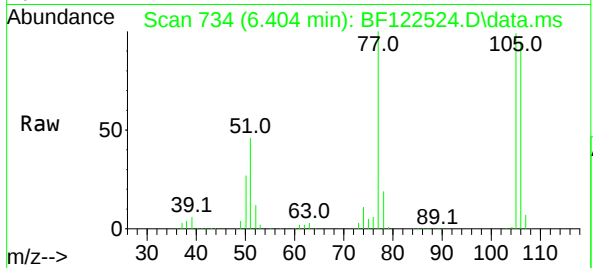


#9
Benzaldehyde
Concen: 40.50 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

Tgt Ion: 77 Resp: 368831

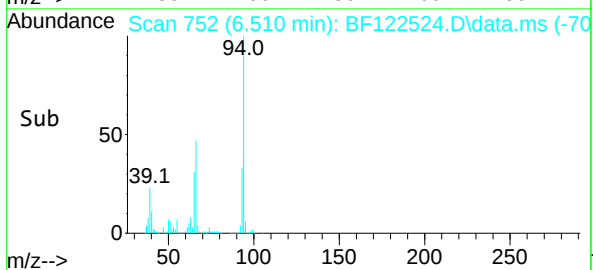
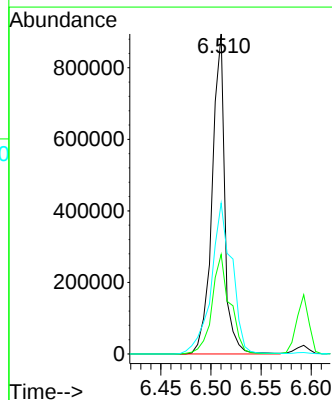
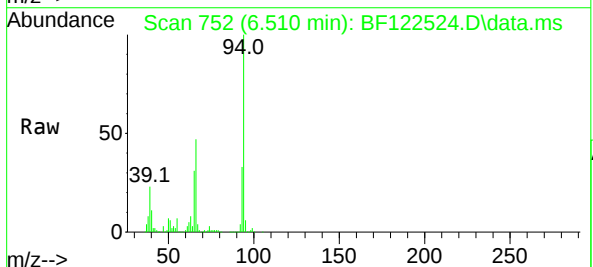
Ion	Ratio	Lower	Upper
77	100		
105	98.7	76.7	116.7
106	94.8	71.3	111.3

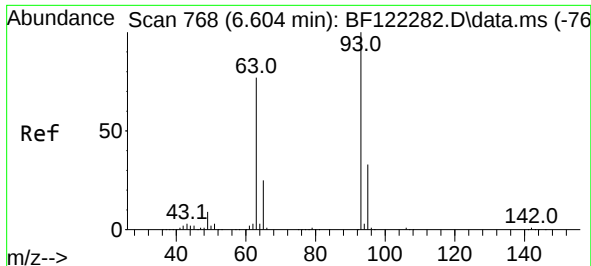


#10
Phenol
Concen: 46.53 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion: 94 Resp: 791573

Ion	Ratio	Lower	Upper
94	100		
65	31.1	17.1	57.1
66	47.2	36.0	76.0





#11

bis(2-Chloroethyl)ether

Concen: 43.08 ng

RT: 6.593 min Scan# 766

Delta R.T. -0.006 min

Lab File: BF122524.D

Acq: 1 Dec 2020 16:25

Tgt Ion: 93 Resp: 582478

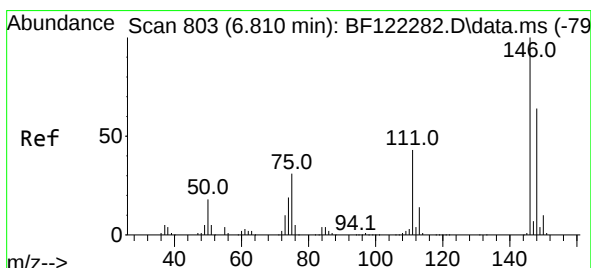
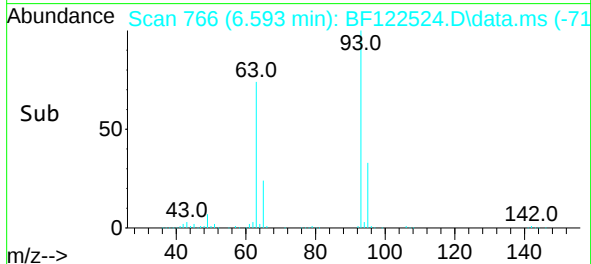
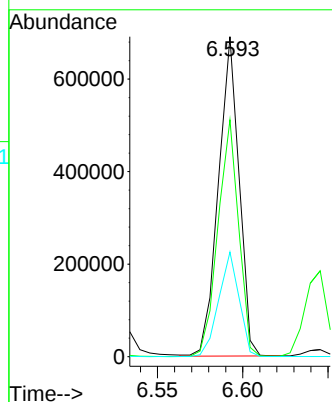
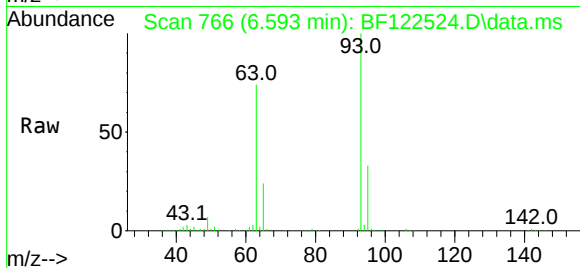
Ion	Ratio	Lower	Upper
93	100		
63	74.0	62.4	102.4
95	32.7	12.6	52.6

Instrument :

BNA_F

ClientSampleId :

4-DRUMMSD



#12

1,3-Dichlorobenzene

Concen: 42.96 ng

RT: 6.798 min Scan# 801

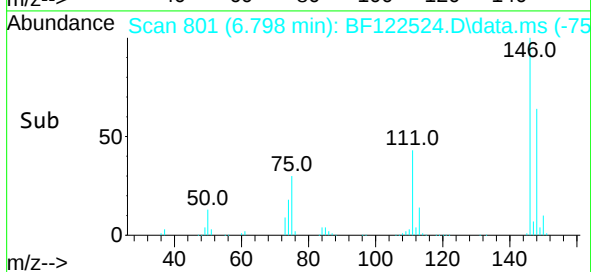
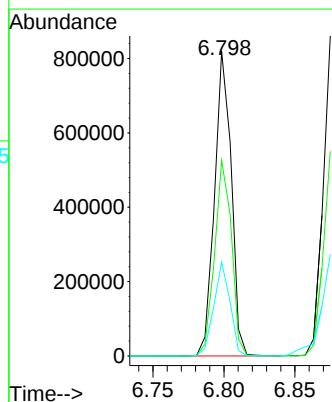
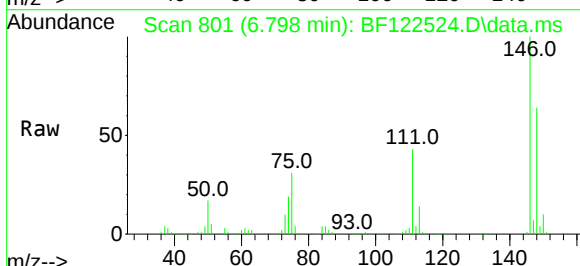
Delta R.T. 0.000 min

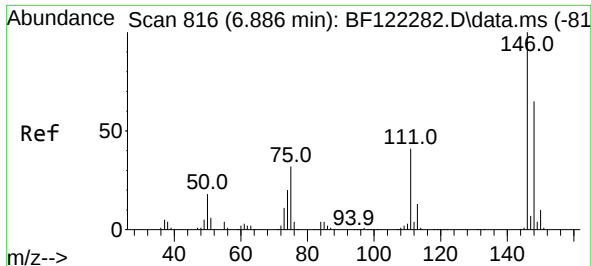
Lab File: BF122524.D

Acq: 1 Dec 2020 16:25

Tgt Ion:146 Resp: 668000

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.0	76.4
75	30.9	27.6	41.4

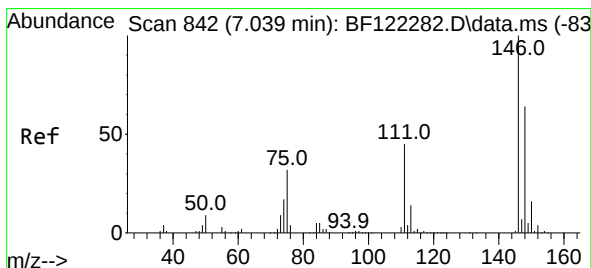
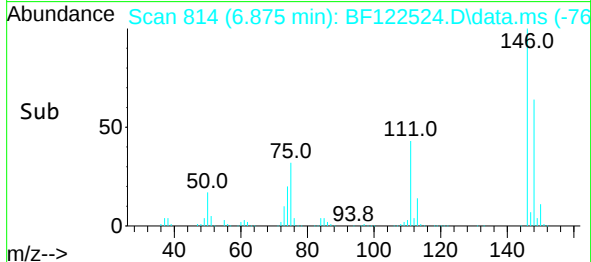
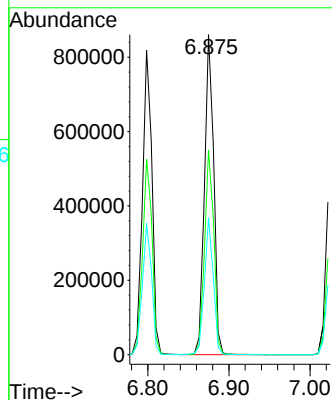
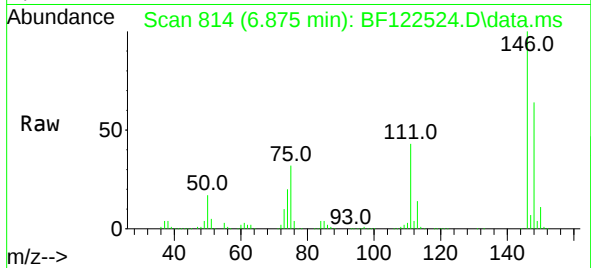




#13
1,4-Dichlorobenzene
Concen: 43.49 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

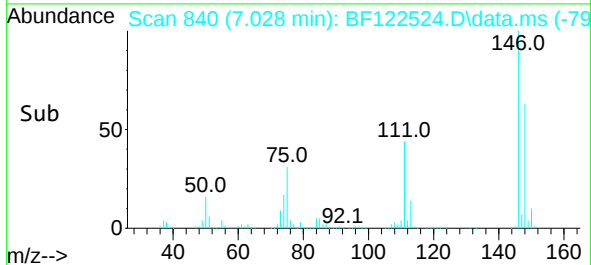
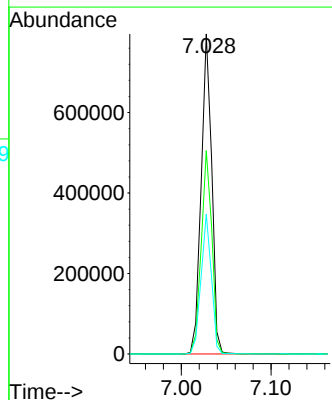
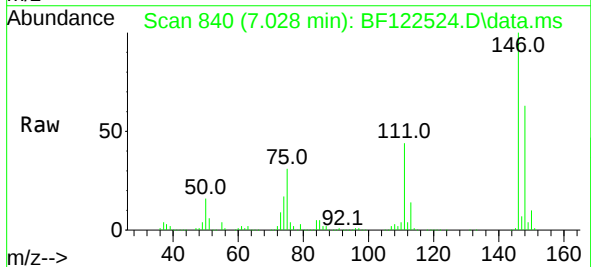
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

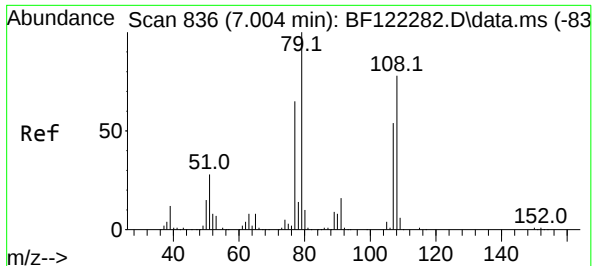
Tgt Ion:146 Resp: 679224
Ion Ratio Lower Upper
146 100
148 64.0 50.1 75.1
111 42.8 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 44.60 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:146 Resp: 650036
Ion Ratio Lower Upper
146 100
148 63.5 51.1 76.7
111 43.8 34.2 51.4

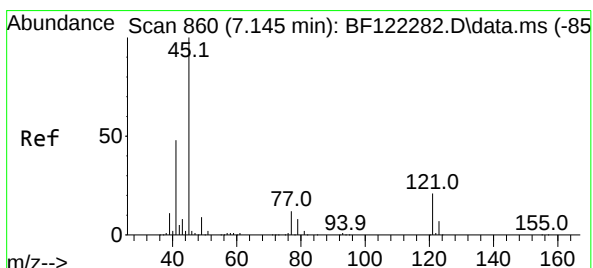
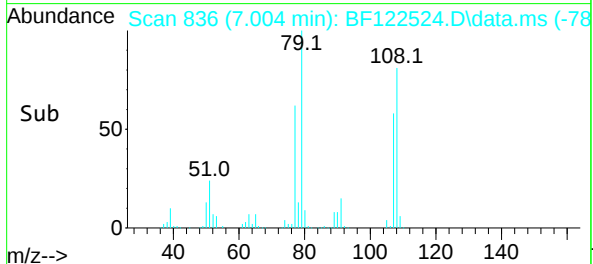
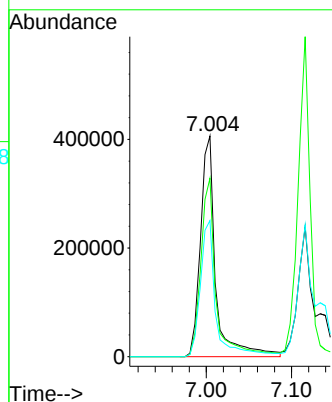
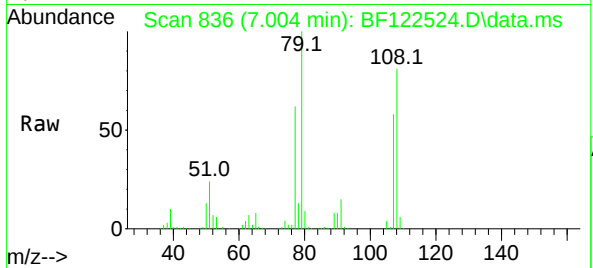




#15
Benzyl Alcohol
Concen: 41.16 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

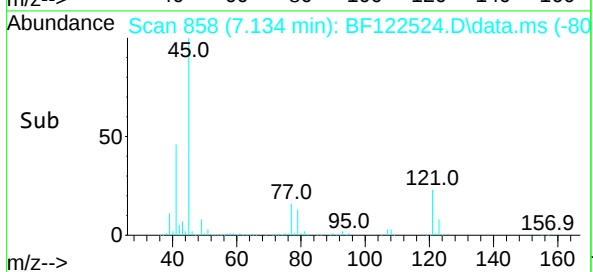
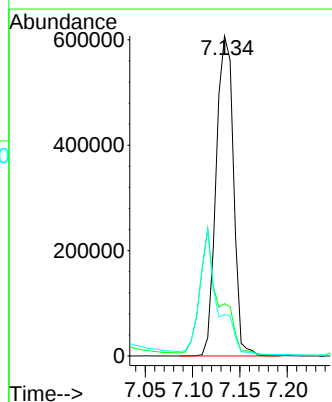
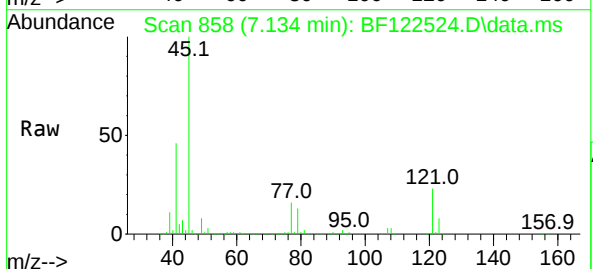
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

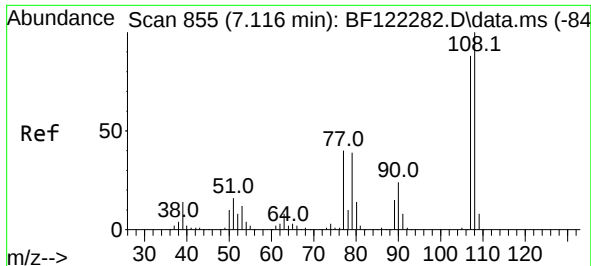
Tgt Ion: 79 Resp: 505535
Ion Ratio Lower Upper
79 100
108 80.9 62.3 93.5
77 61.7 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.15 ng
RT: 7.134 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion: 45 Resp: 771595
Ion Ratio Lower Upper
45 100
77 16.3 0.0 33.3
79 13.0 0.0 30.4

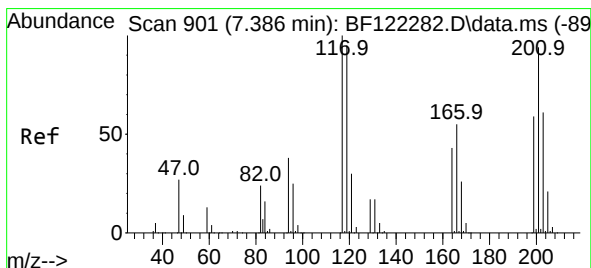
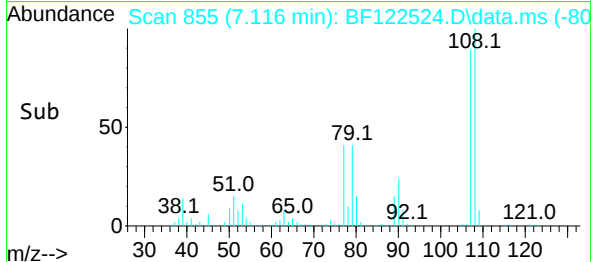
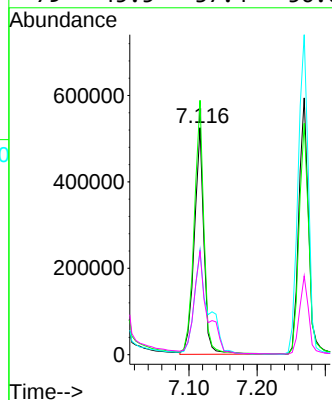
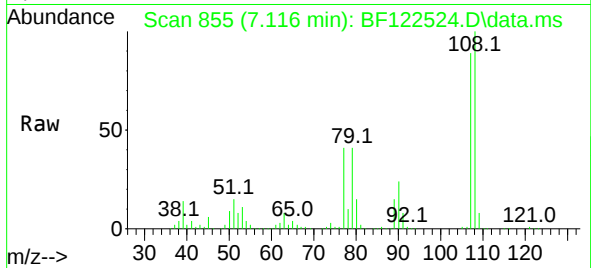




#17
2-Methylphenol
Concen: 44.71 ng
RT: 7.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

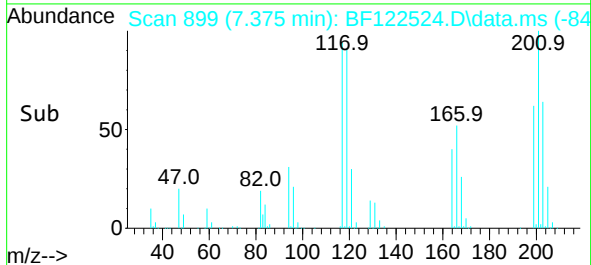
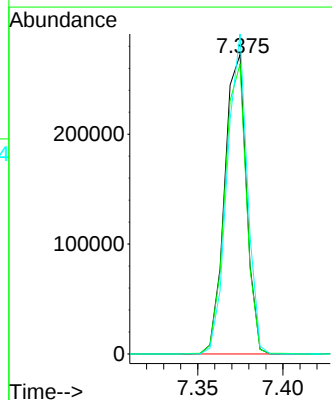
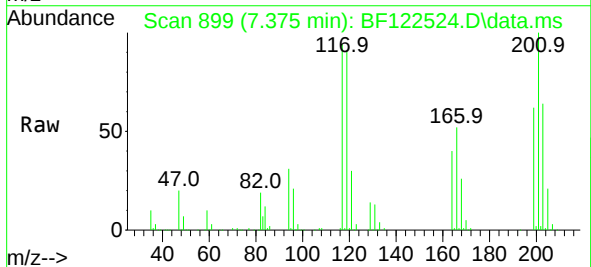
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

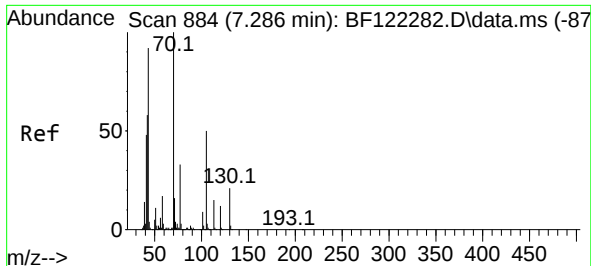
Tgt Ion:	107	Resp:	511082
Ion	Ratio	Lower	Upper
107	100		
108	112.1	90.9	136.3
77	46.2	37.5	56.3
79	45.5	37.4	56.0



#18
Hexachloroethane
Concen: 44.60 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:	117	Resp:	242563
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.3	114.5
201	106.9	71.8	107.6

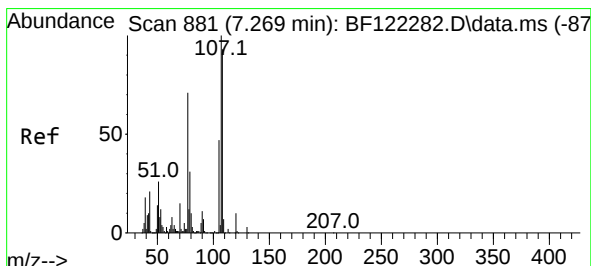
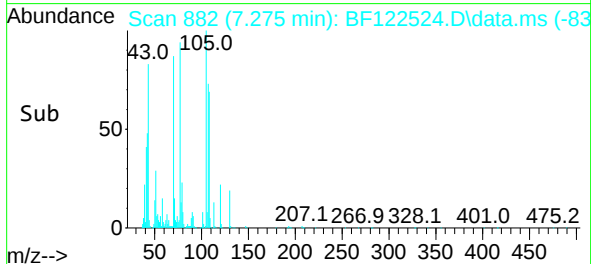
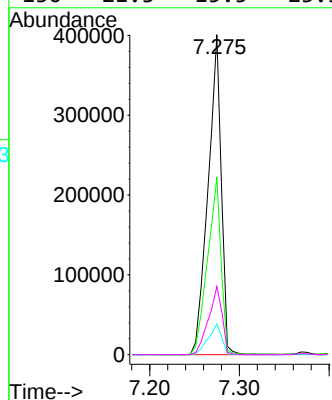
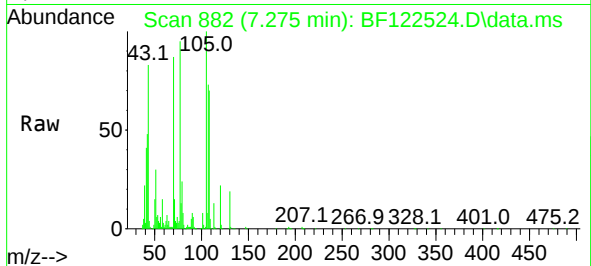




#19
n-Nitroso-di-n-propylamine
Concen: 39.79 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

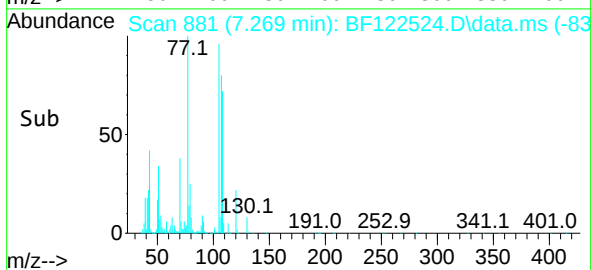
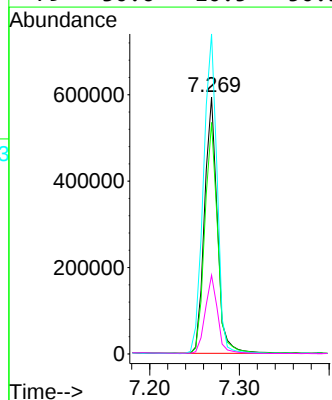
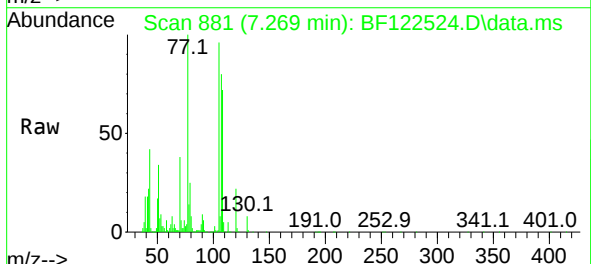
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

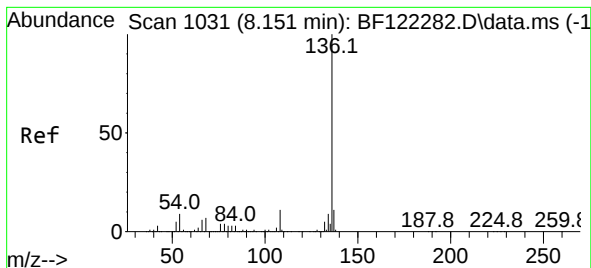
Tgt Ion: 70 Resp: 410729
Ion Ratio Lower Upper
70 100
42 55.4 50.2 75.4
101 9.7 7.5 11.3
130 21.3 15.5 23.3



#20
3+4-Methylphenols
Concen: 41.64 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion: 107 Resp: 585694
Ion Ratio Lower Upper
107 100
108 90.1 68.9 108.9
77 124.6 108.0 148.0
79 30.6 10.5 50.5



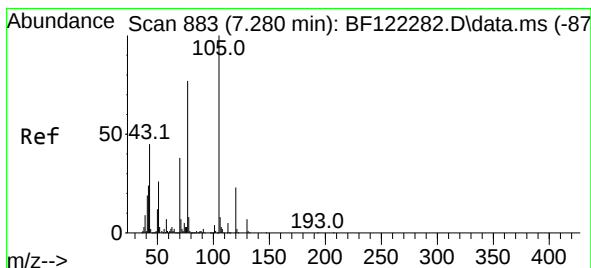
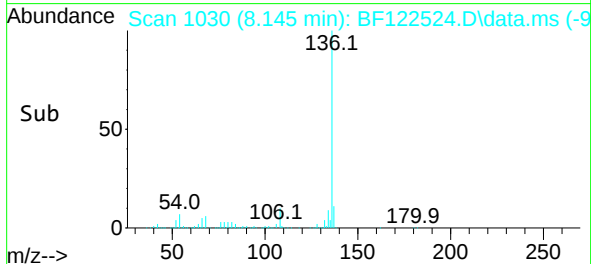
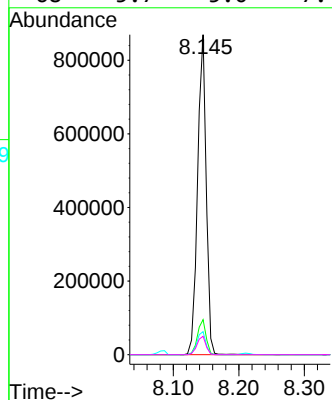
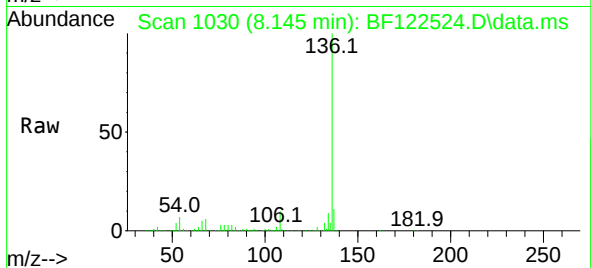


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

Tgt Ion:136 Resp: 794727

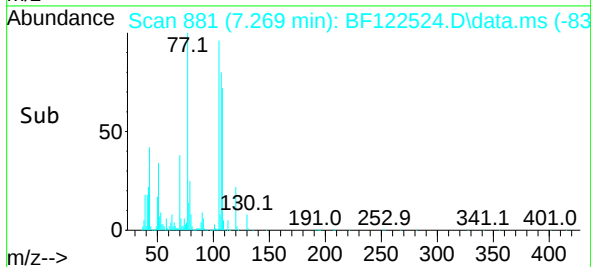
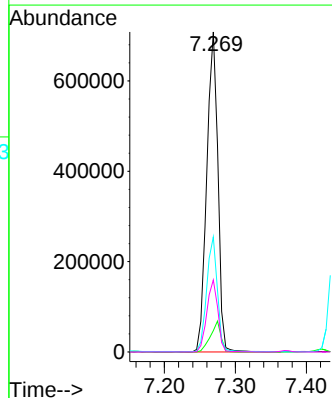
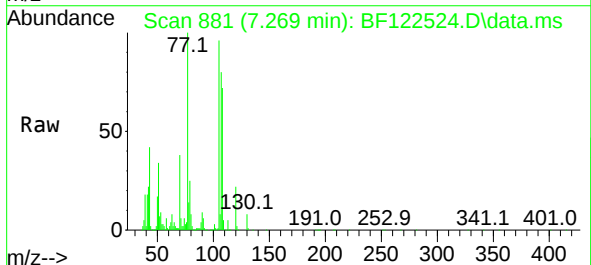
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.2	7.1	10.7
68	5.7	5.0	7.4

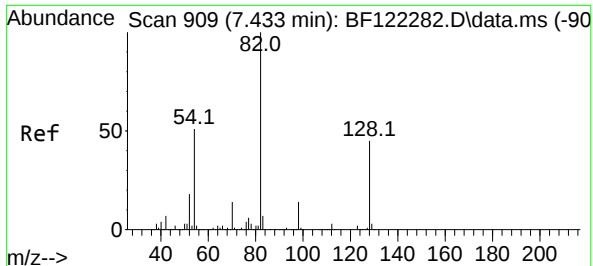


#22
Acetophenone
Concen: 37.43 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:105 Resp: 774742

Ion	Ratio	Lower	Upper
105	100		
71	6.6	5.3	7.9
51	35.9	33.2	49.8
120	22.5	17.4	26.0





#23

Nitrobenzene-d5

Concen: 64.52 ng

RT: 7.422 min Scan# 907

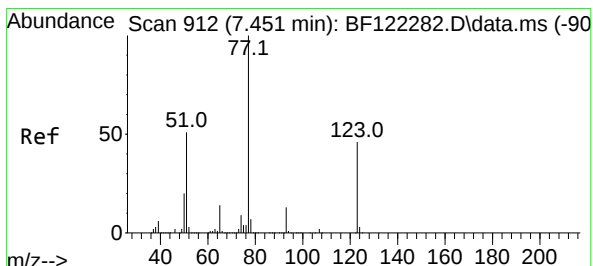
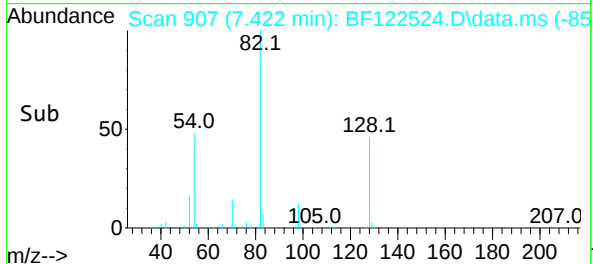
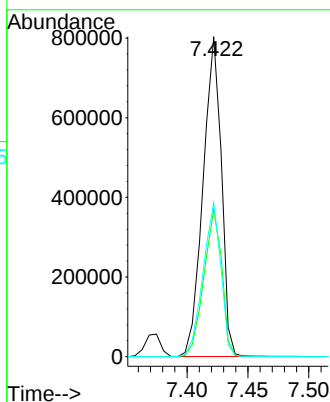
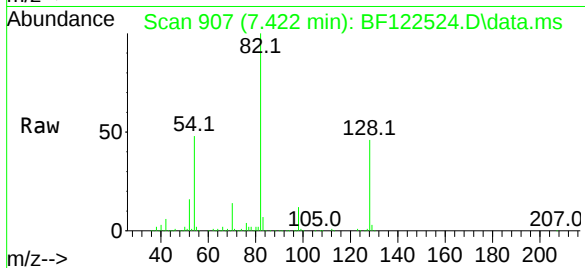
Delta R.T. -0.006 min

Lab File: BF122524.D

Acq: 1 Dec 2020 16:25

Tgt Ion: 82 Resp: 837559

Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.0	52.4
54	48.1	43.9	65.9



#24

Nitrobenzene

Concen: 43.54 ng

RT: 7.440 min Scan# 910

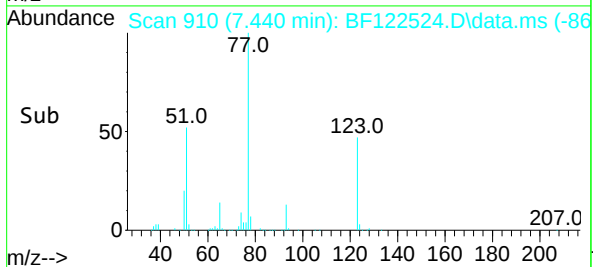
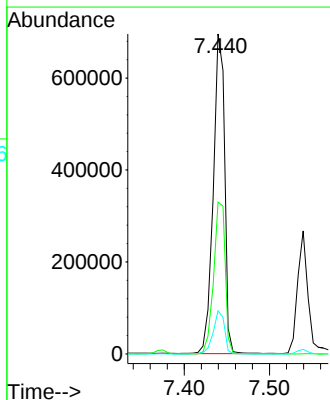
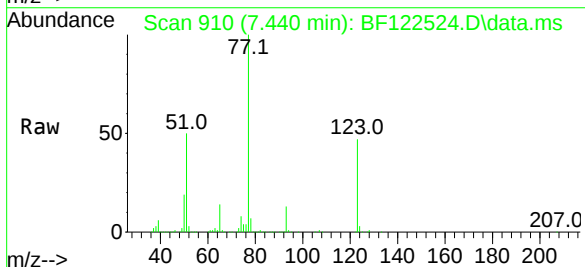
Delta R.T. -0.006 min

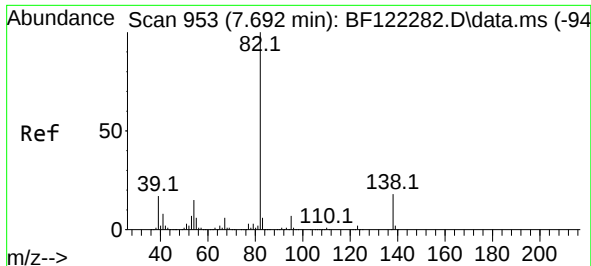
Lab File: BF122524.D

Acq: 1 Dec 2020 16:25

Tgt Ion: 77 Resp: 646723

Ion	Ratio	Lower	Upper
77	100		
123	47.4	35.6	53.4
65	13.5	11.2	16.8

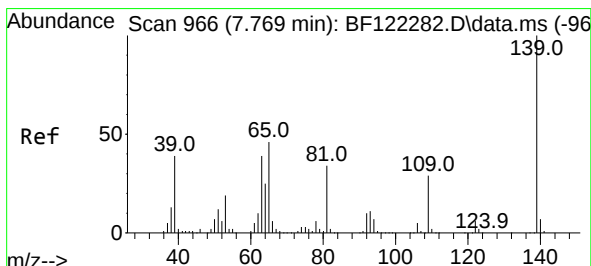
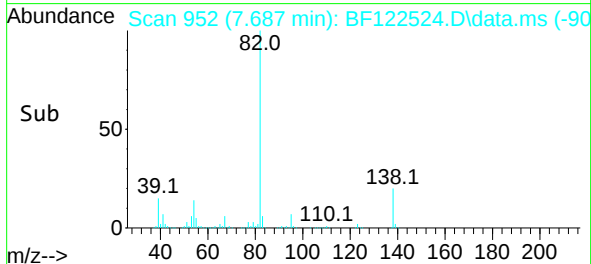
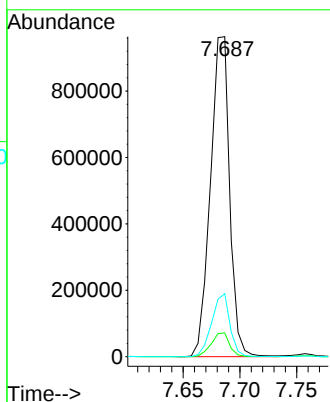
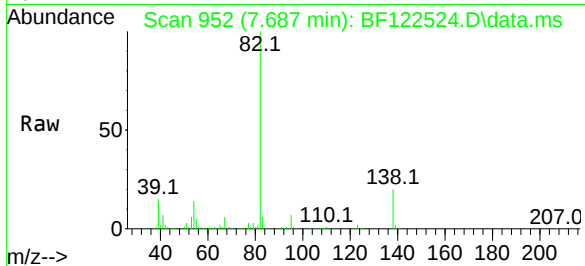




#25
Isophorone
Concen: 39.29 ng
RT: 7.687 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

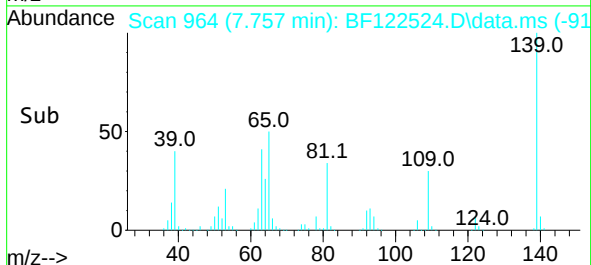
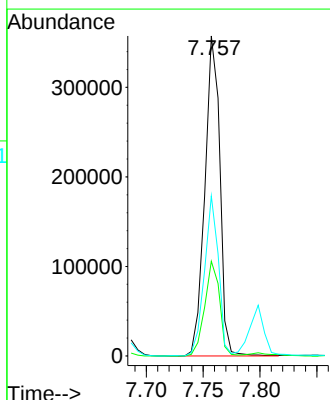
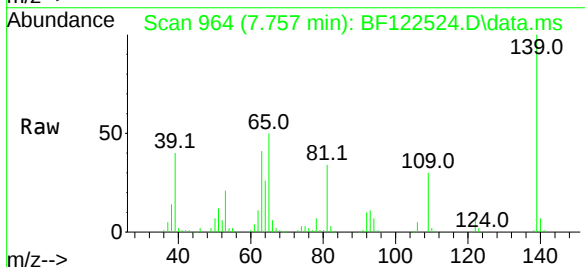
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

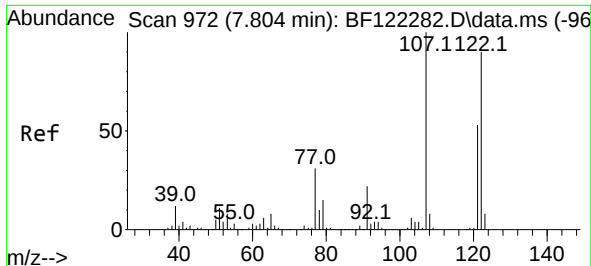
Tgt Ion: 82 Resp: 1136964
Ion Ratio Lower Upper
82 100
95 7.4 5.4 8.0
138 19.7 13.4 20.0



#26
2-Nitrophenol
Concen: 50.46 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:139 Resp: 328022
Ion Ratio Lower Upper
139 100
109 29.6 23.0 34.4
65 50.0 39.9 59.9





#27

2,4-Dimethylphenol

Concen: 39.72 ng

RT: 7.798 min Scan# 971

Delta R.T. 0.000 min

Lab File: BF122524.D

Acq: 1 Dec 2020 16:25

Tgt Ion:122 Resp: 542186

Ion Ratio Lower Upper

122 100

107 112.6 90.8 136.2

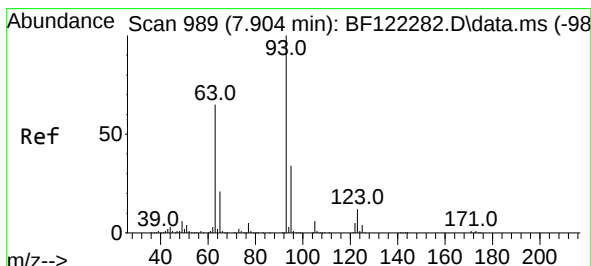
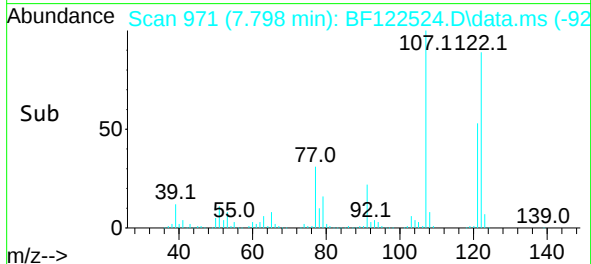
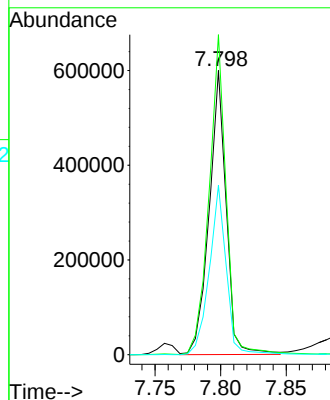
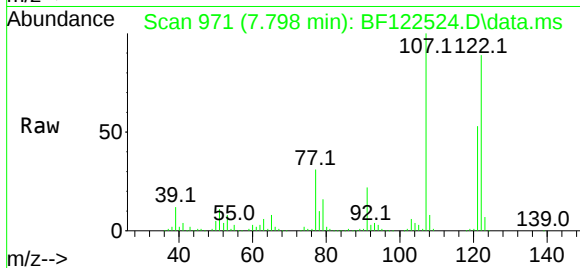
121 59.6 47.5 71.3

Instrument :

BNA_F

ClientSampleId :

4-DRUMMSD



#28

bis(2-Chloroethoxy)methane

Concen: 40.96 ng

RT: 7.892 min Scan# 987

Delta R.T. 0.000 min

Lab File: BF122524.D

Acq: 1 Dec 2020 16:25

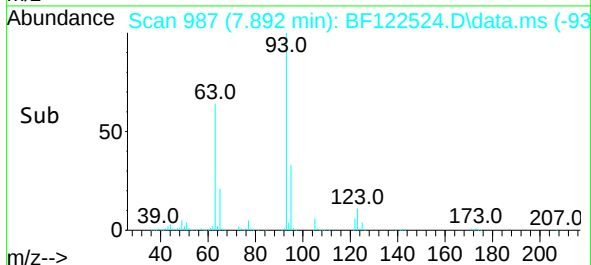
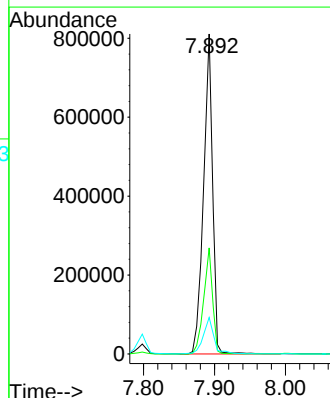
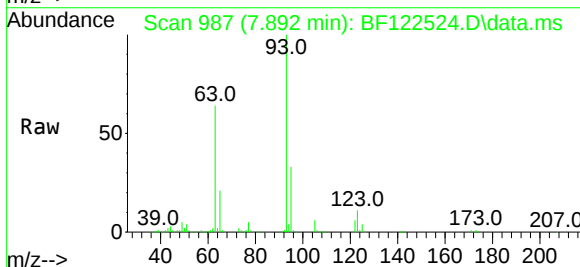
Tgt Ion: 93 Resp: 724941

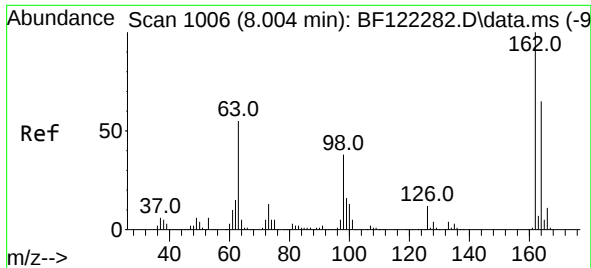
Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.4

123 11.4 8.8 13.2

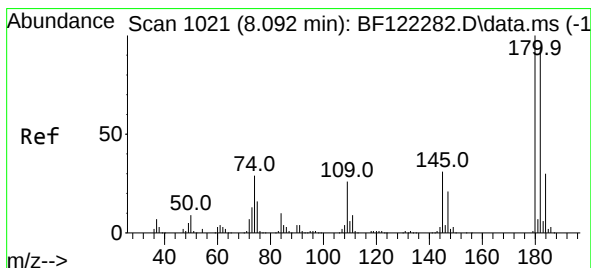
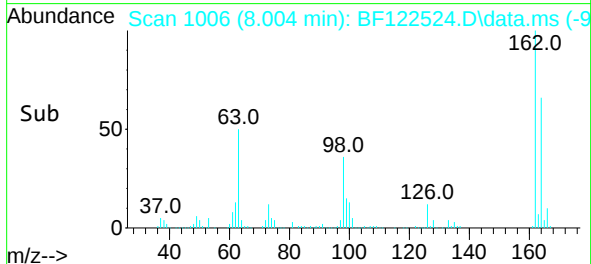
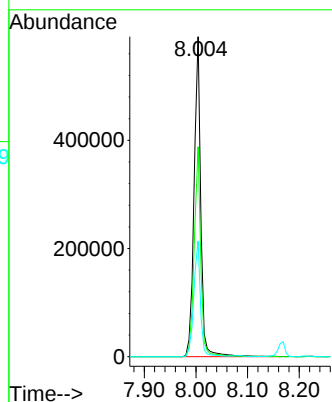
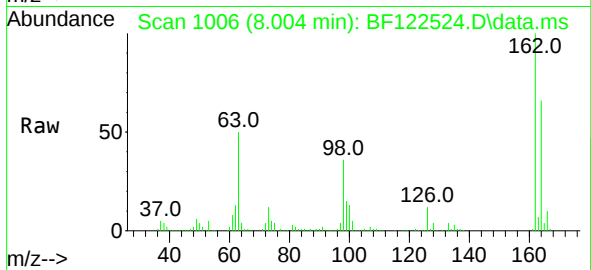




#29
2,4-Dichlorophenol
Concen: 44.15 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

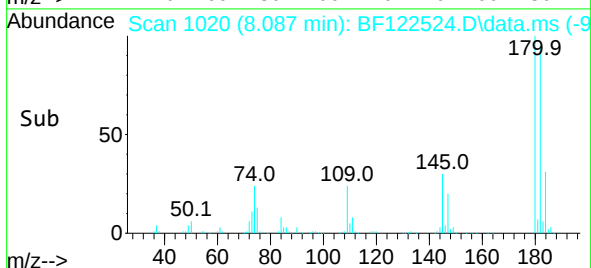
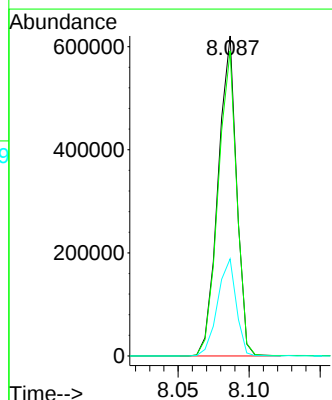
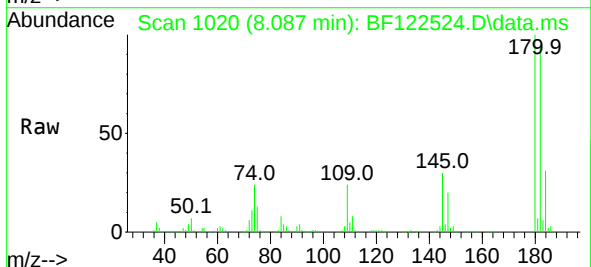
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

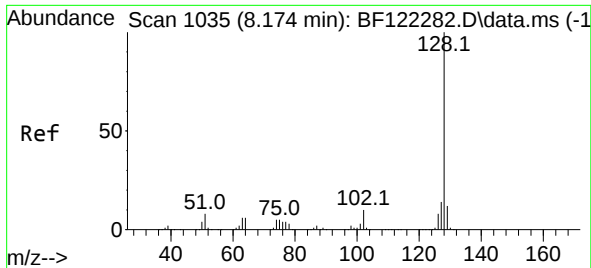
Tgt Ion:162 Resp: 533610
Ion Ratio Lower Upper
162 100
164 65.6 42.5 82.5
98 36.1 20.1 60.1



#30
1,2,4-Trichlorobenzene
Concen: 41.99 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:180 Resp: 560134
Ion Ratio Lower Upper
180 100
182 95.4 79.4 119.2
145 30.3 25.5 38.3

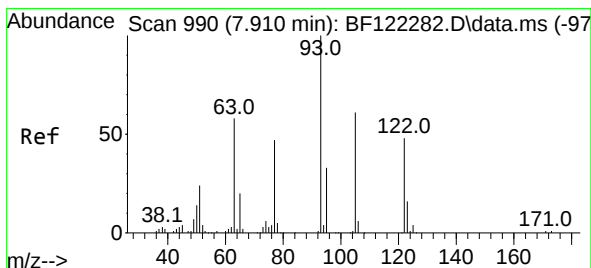
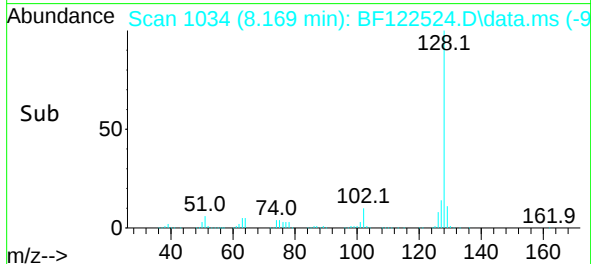
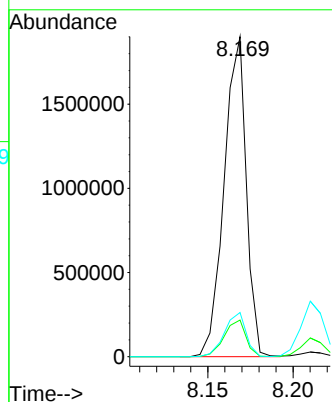
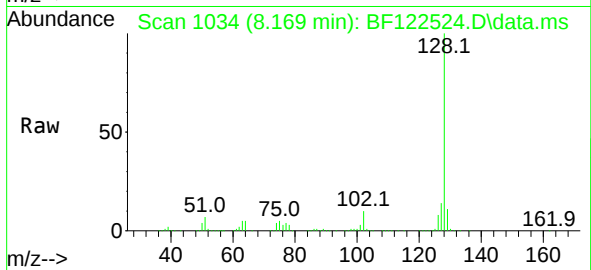




#31
Naphthalene
Concen: 40.66 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

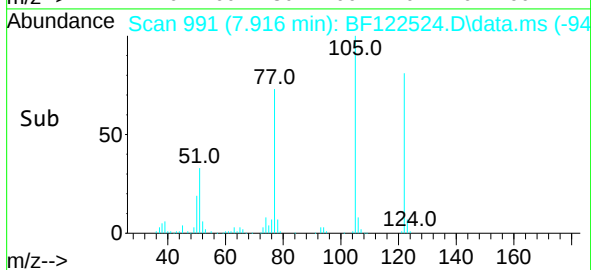
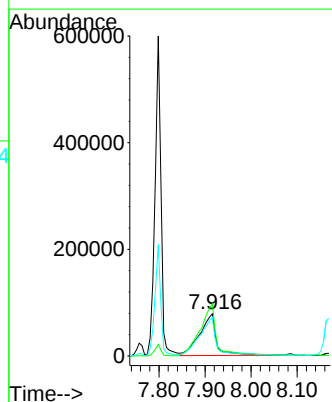
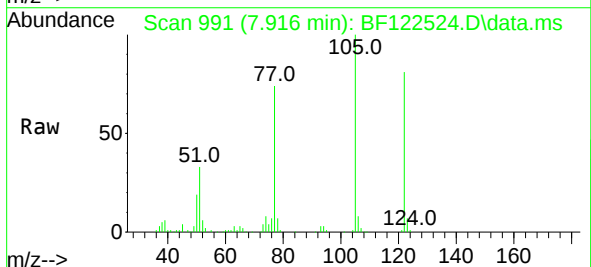
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

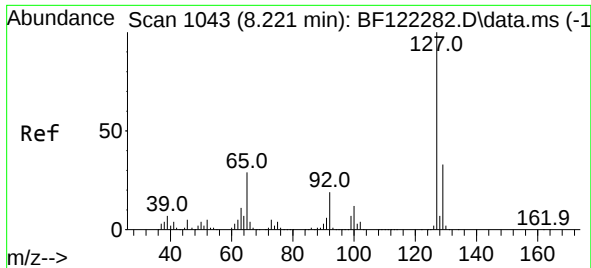
Tgt Ion:128 Resp: 1717934
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.8 10.8 16.2



#32
Benzoic acid
Concen: 30.18 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.018 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:122 Resp: 201245
Ion Ratio Lower Upper
122 100
105 124.0 103.3 143.3
77 92.0 73.9 113.9

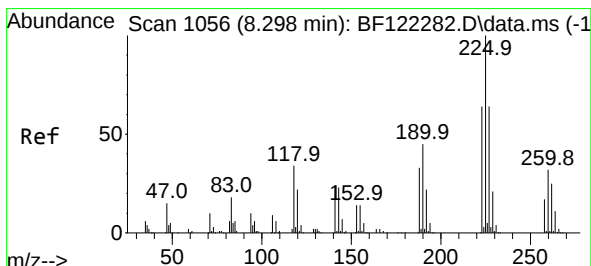
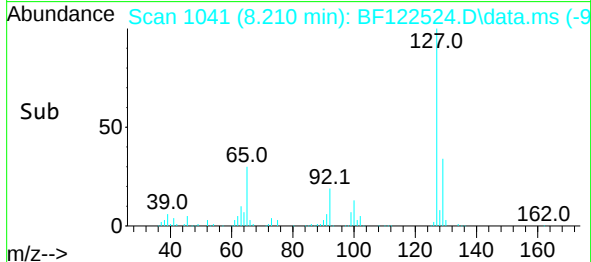
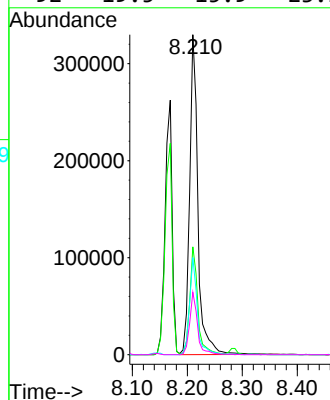
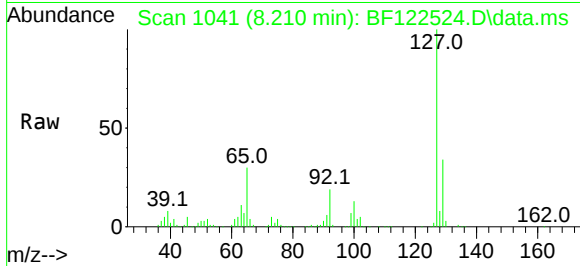




#33
4-Chloroaniline
Concen: 18.84 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

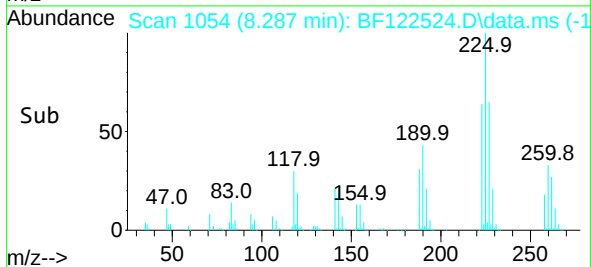
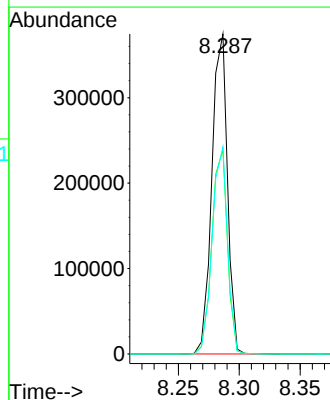
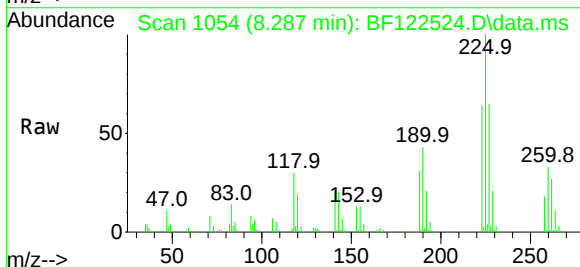
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

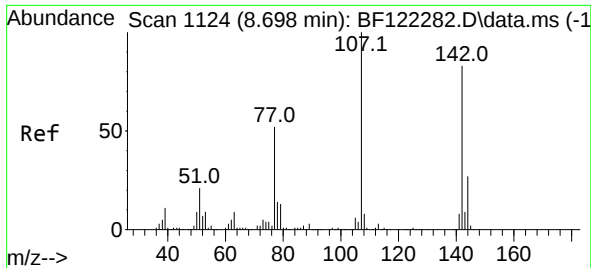
Tgt Ion:	127	Resp:	346591
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.3	39.5
65	30.3	26.2	39.2
92	19.5	15.9	23.9



#34
Hexachlorobutadiene
Concen: 43.33 ng
RT: 8.287 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:	225	Resp:	332204
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.1	76.7
227	64.7	51.0	76.6

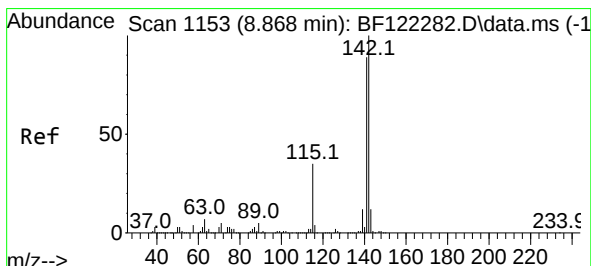
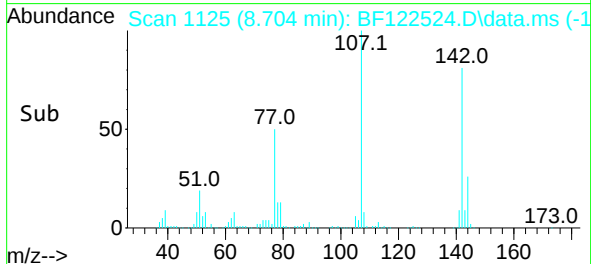
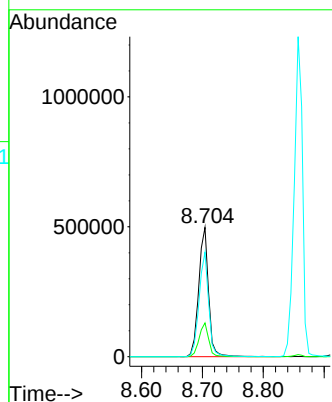
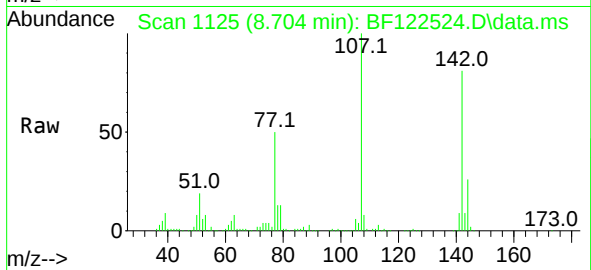




#36
4-Chloro-3-methylphenol
Concen: 44.25 ng
RT: 8.704 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

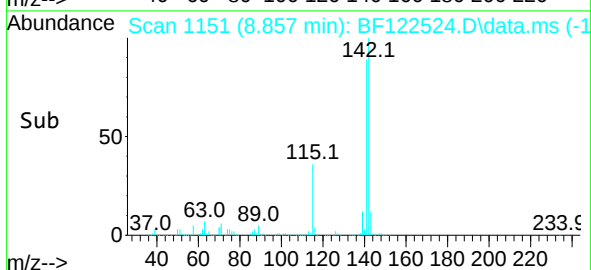
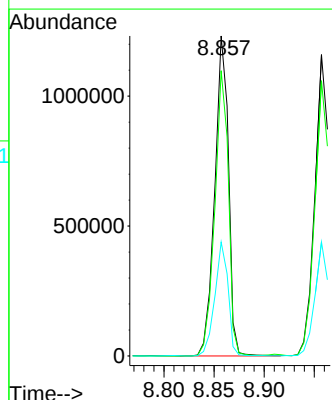
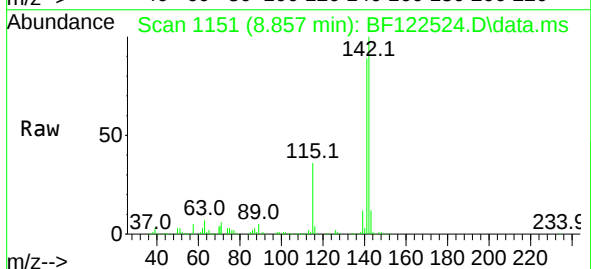
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

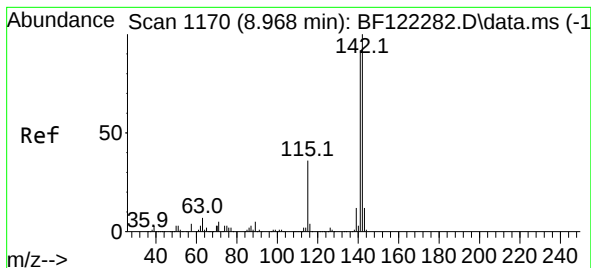
Tgt Ion:107 Resp: 557825
Ion Ratio Lower Upper
107 100
144 26.1 20.1 30.1
142 80.8 59.3 88.9



#37
2-Methylnaphthalene
Concen: 42.04 ng
RT: 8.857 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:142 Resp: 1173510
Ion Ratio Lower Upper
142 100
141 89.2 70.2 105.4
115 35.6 28.6 43.0





#38

1-Methylnaphthalene

Concen: 41.92 ng

RT: 8.957 min Scan# 1168

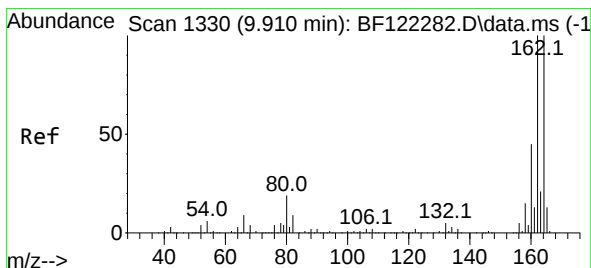
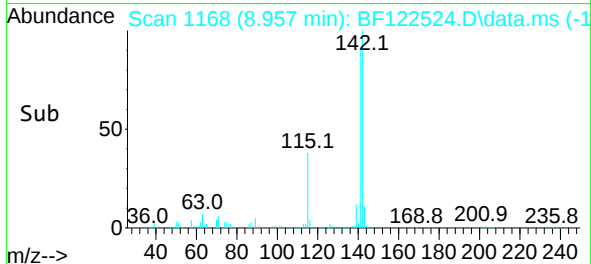
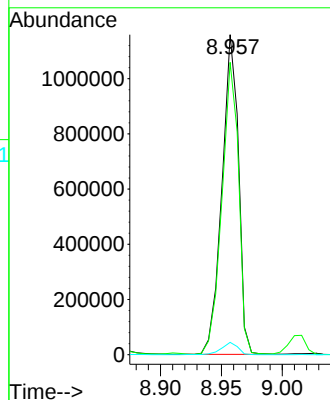
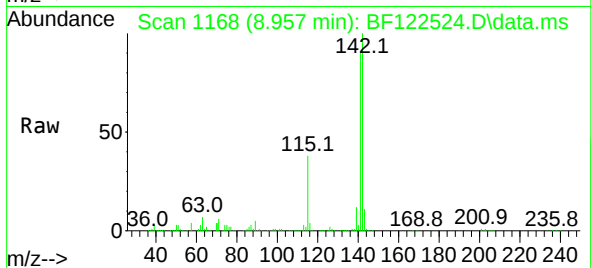
Delta R.T. 0.000 min

Lab File: BF122524.D

Acq: 1 Dec 2020 16:25

Tgt Ion:142 Resp: 1095297

Ion	Ratio	Lower	Upper
142	100		
141	91.3	74.5	111.7
116	3.9	3.2	4.8



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.904 min Scan# 1329

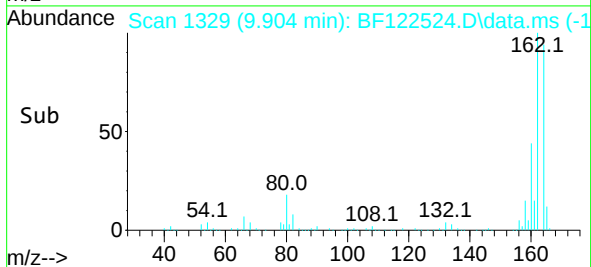
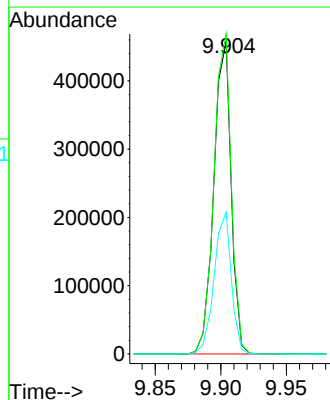
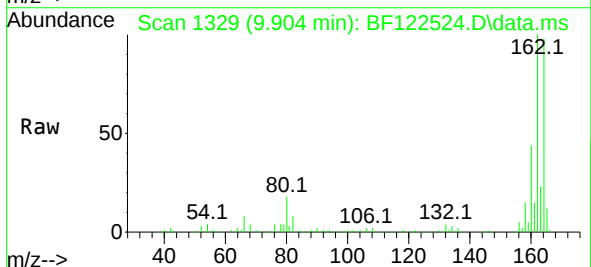
Delta R.T. 0.000 min

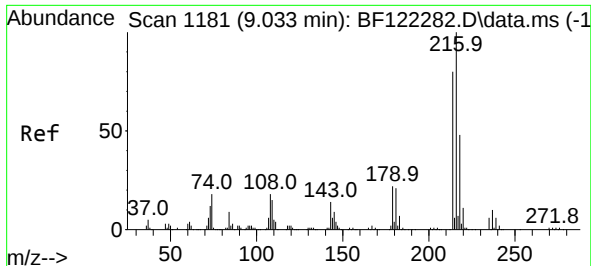
Lab File: BF122524.D

Acq: 1 Dec 2020 16:25

Tgt Ion:164 Resp: 420402

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.2	124.8
160	45.5	37.5	56.3

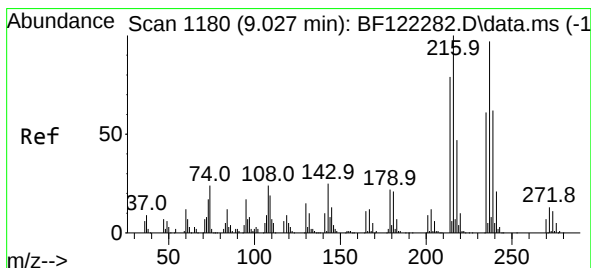
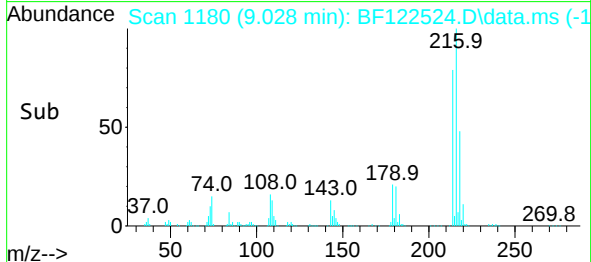
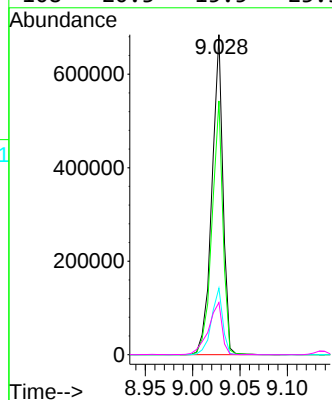
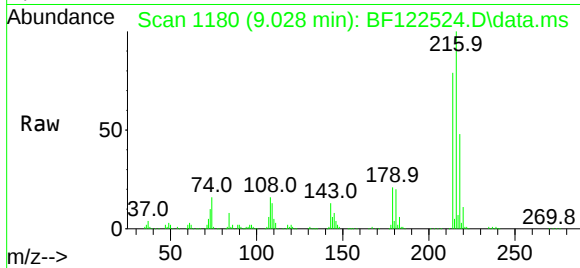




#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.62 ng
RT: 9.028 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

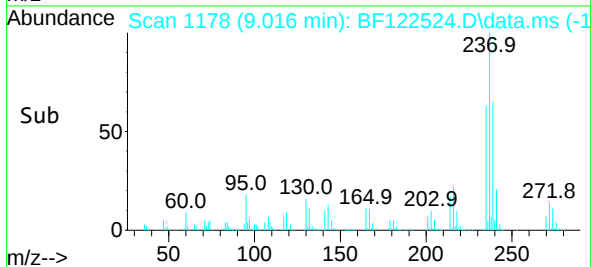
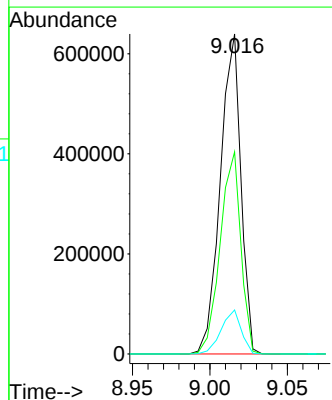
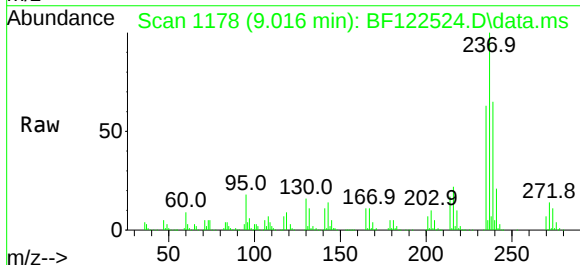
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

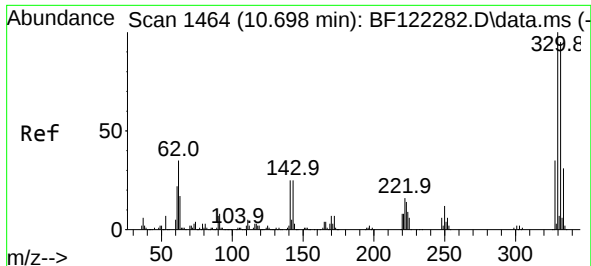
Tgt Ion:	216	Resp:	552117
Ion Ratio	Lower	Upper	
216	100		
214	78.5	63.4	95.2
179	21.1	17.0	25.6
108	20.3	15.5	23.3



#41
Hexachlorocyclopentadiene
Concen: 77.97 ng
RT: 9.016 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:	237	Resp:	590604
Ion Ratio	Lower	Upper	
237	100		
235	63.2	41.8	81.8
272	13.7	0.0	33.5

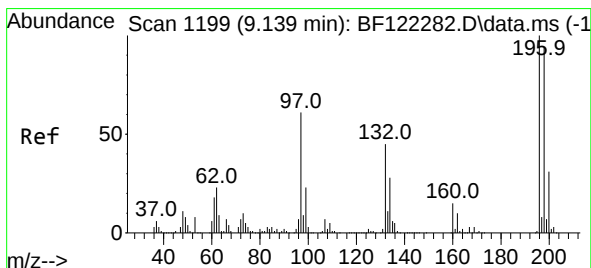
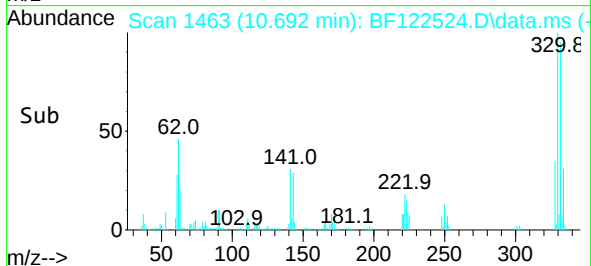
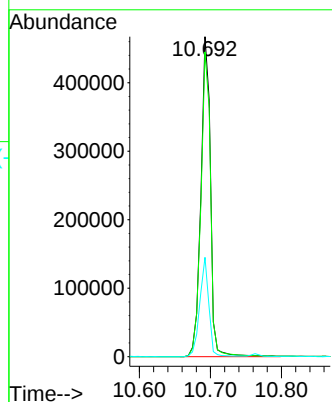
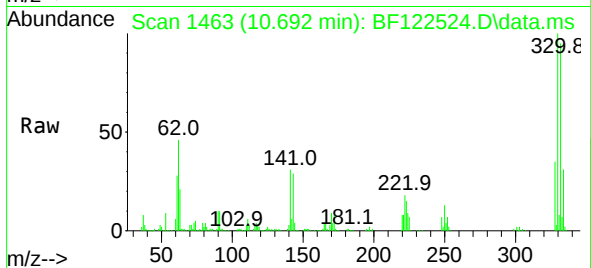




#42
2,4,6-Tribromophenol
Concen: 97.48 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

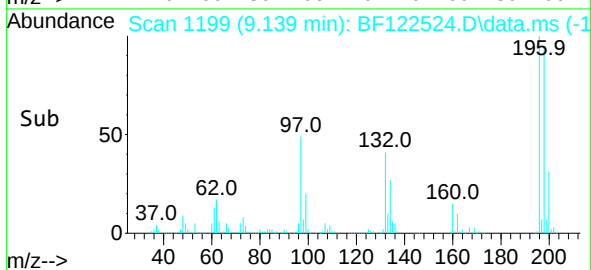
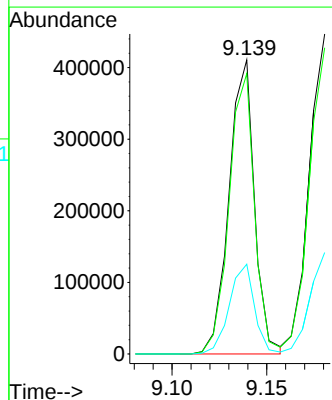
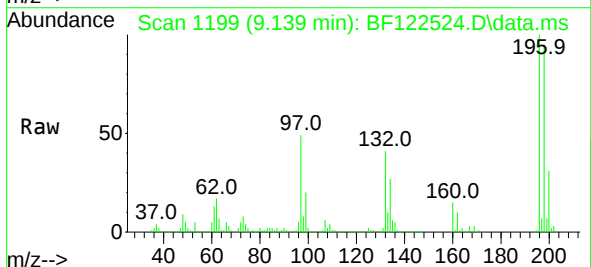
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

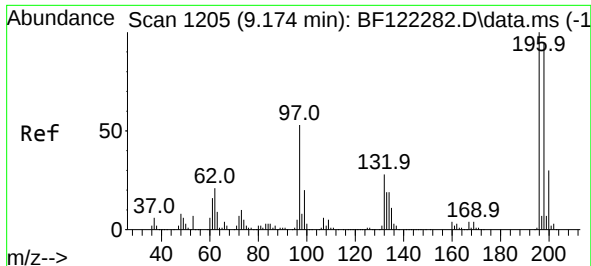
Tgt Ion:330 Resp: 439819
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 29.5 22.3 33.5



#43
2,4,6-Trichlorophenol
Concen: 45.48 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

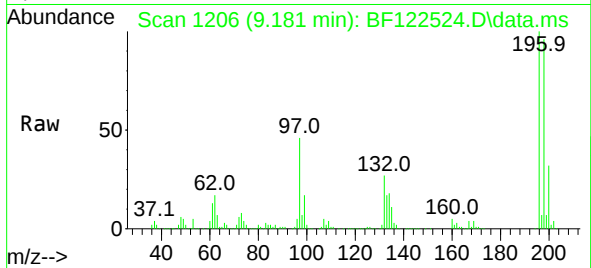
Tgt Ion:196 Resp: 382598
Ion Ratio Lower Upper
196 100
198 95.3 75.8 113.6
200 30.5 24.6 36.8



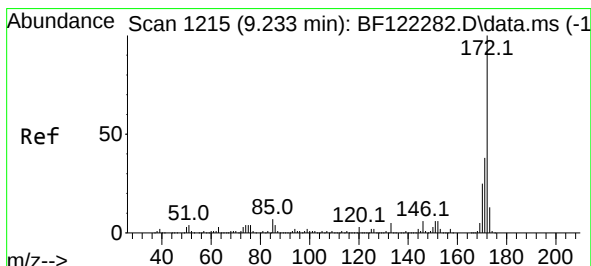
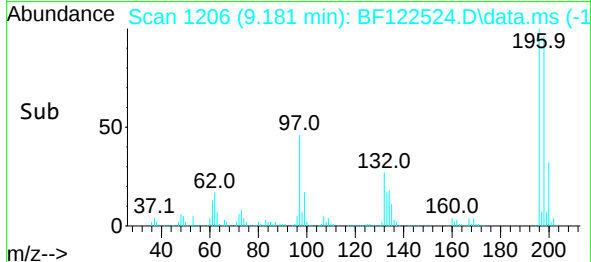
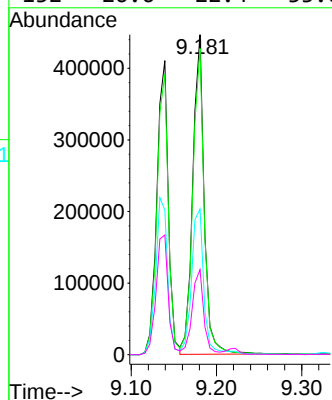


#44
2,4,5-Trichlorophenol
Concen: 47.05 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

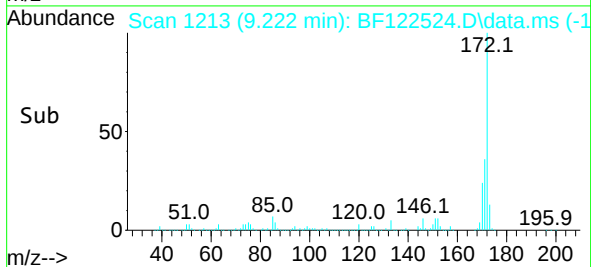
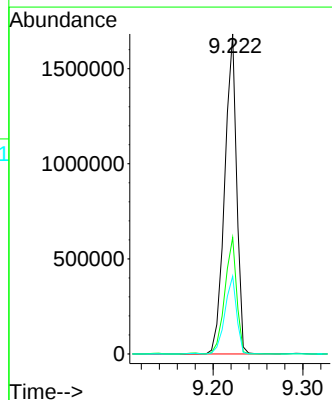
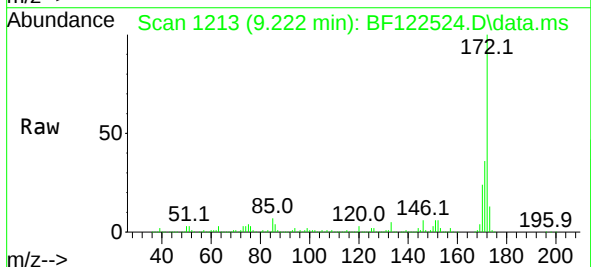


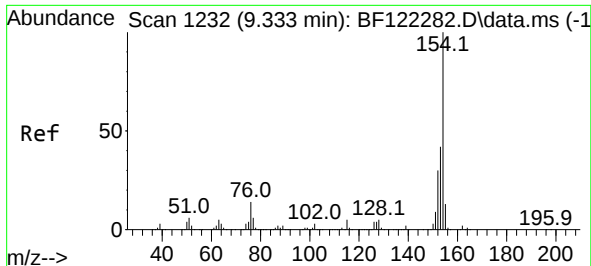
Tgt Ion:196 Resp: 414987
Ion Ratio Lower Upper
196 100
198 95.7 76.1 114.1
97 45.5 41.0 61.6
132 26.6 22.4 33.6



#45
2-Fluorobiphenyl
Concen: 57.83 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:172 Resp: 1555925
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 24.3 19.8 29.6

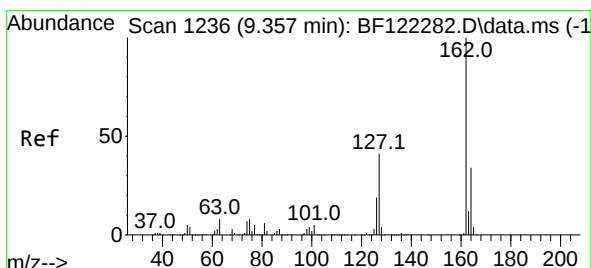
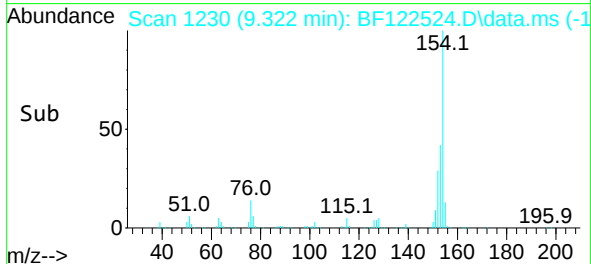
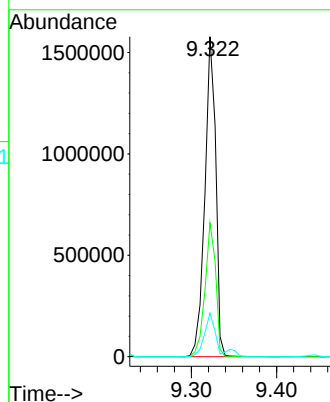
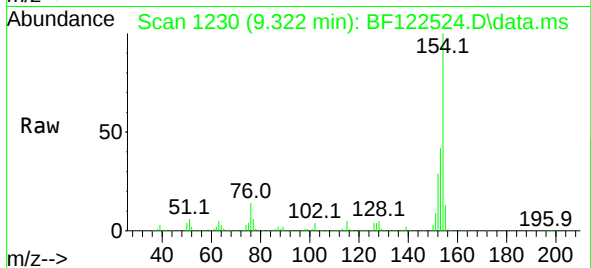




#46
1,1'-Biphenyl
Concen: 41.77 ng
RT: 9.322 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

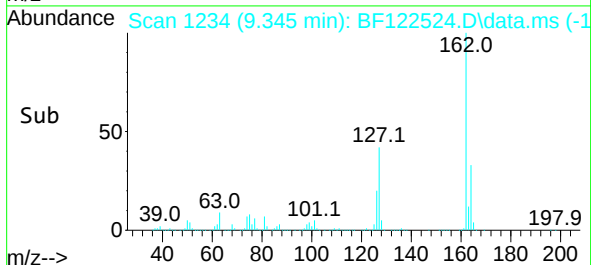
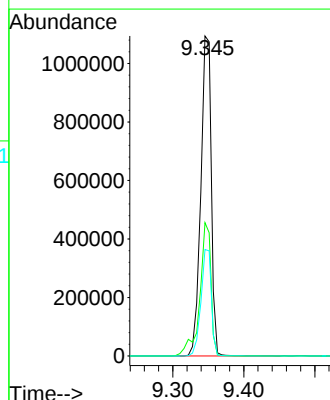
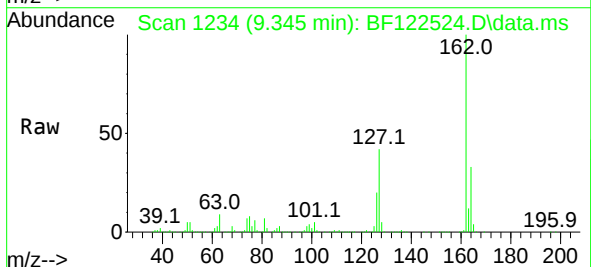
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

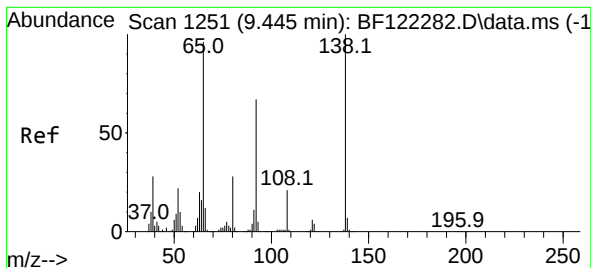
Tgt Ion:154 Resp: 1397843
Ion Ratio Lower Upper
154 100
153 41.9 21.3 61.3
76 13.6 0.0 34.7



#47
2-Chloronaphthalene
Concen: 42.41 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:162 Resp: 1126249
Ion Ratio Lower Upper
162 100
127 41.7 34.4 51.6
164 33.3 26.3 39.5

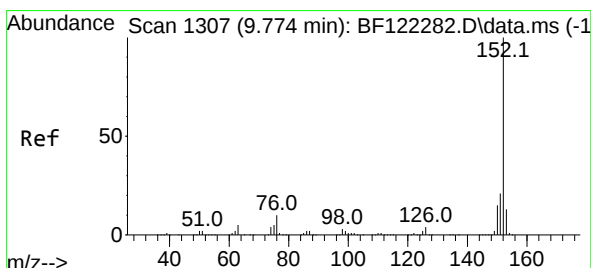
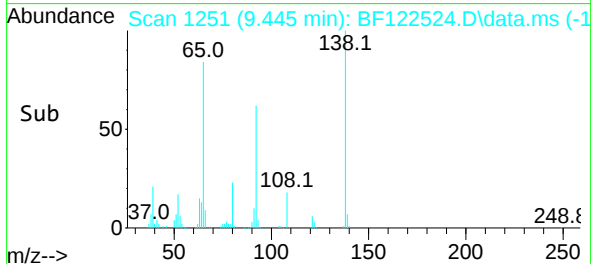
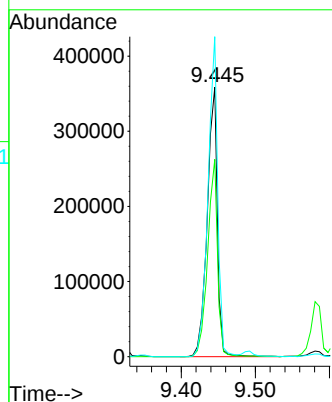
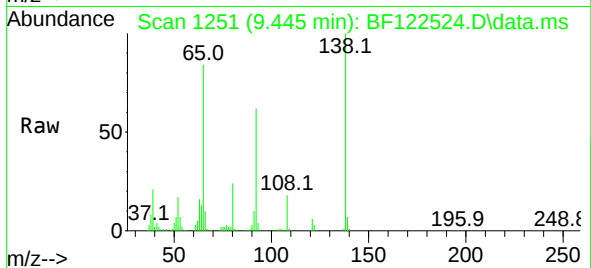




#48
2-Nitroaniline
Concen: 43.85 ng
RT: 9.445 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

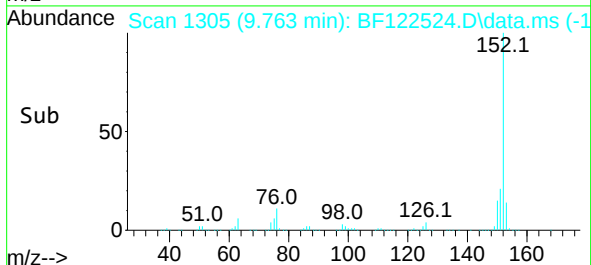
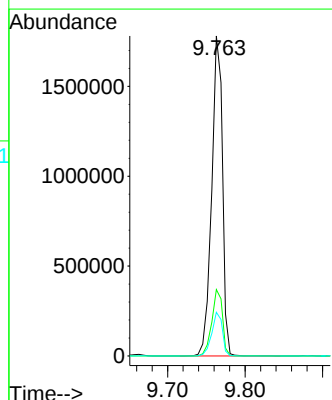
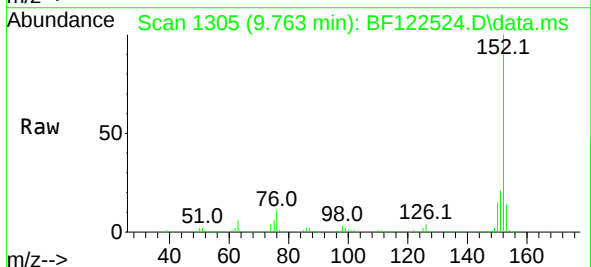
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

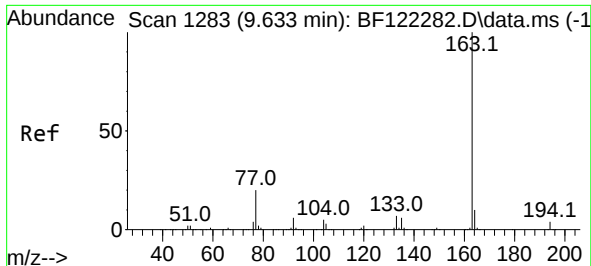
Tgt Ion: 65 Resp: 343013
Ion Ratio Lower Upper
65 100
92 73.2 55.1 82.7
138 118.7 80.5 120.7



#49
Acenaphthylene
Concen: 42.11 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:152 Resp: 1719075
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.7 10.6 15.8

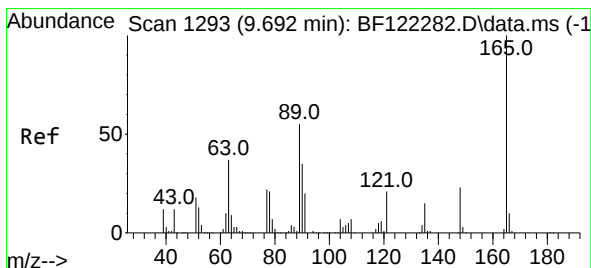
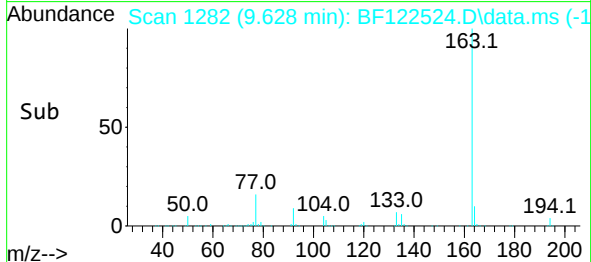
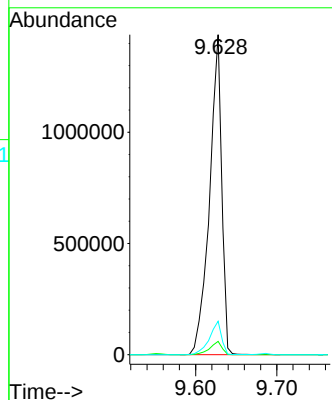
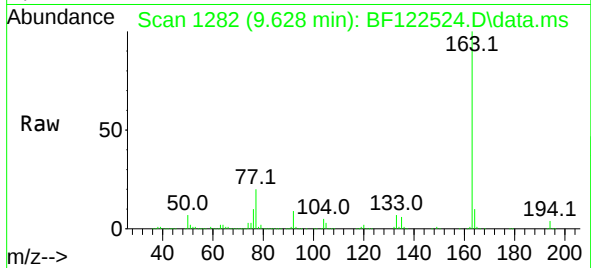




#50
Dimethylphthalate
Concen: 50.06 ng
RT: 9.628 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

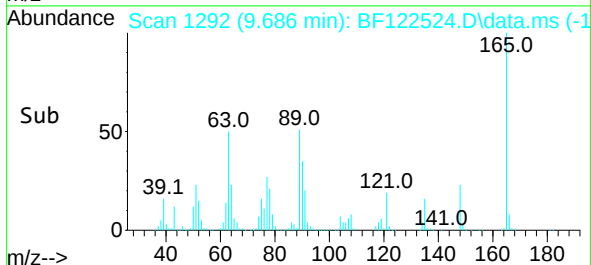
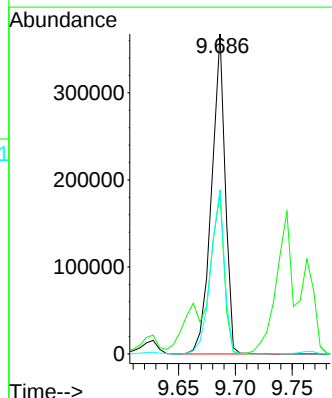
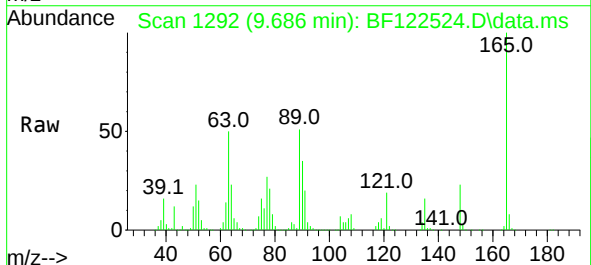
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

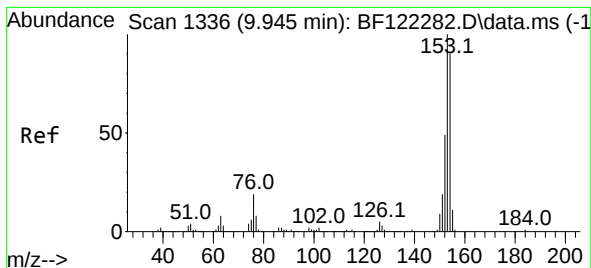
Tgt Ion:163 Resp: 1495943
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 46.30 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:165 Resp: 306924
Ion Ratio Lower Upper
165 100
63 50.1 51.8 77.6#
89 51.2 49.0 73.6





#52

Acenaphthene

Concen: 40.79 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BF122524.D

Acq: 1 Dec 2020 16:25

Tgt Ion:154 Resp: 1030520

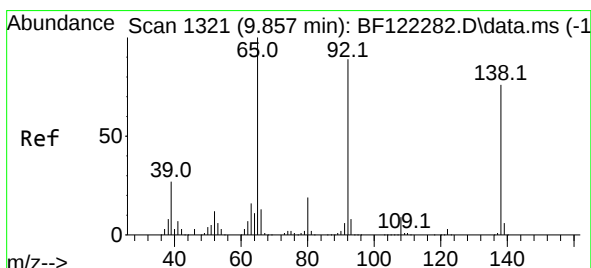
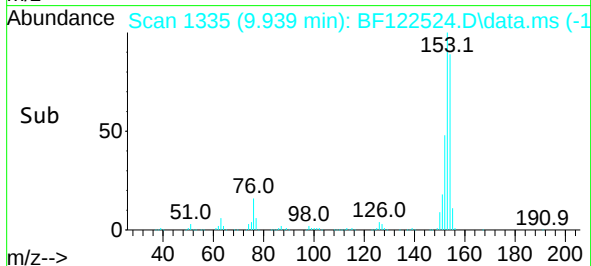
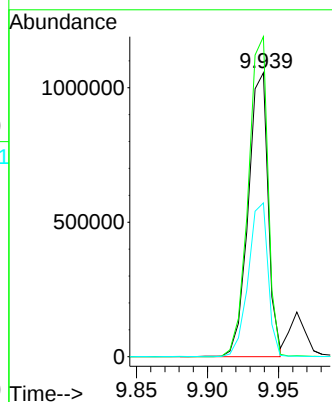
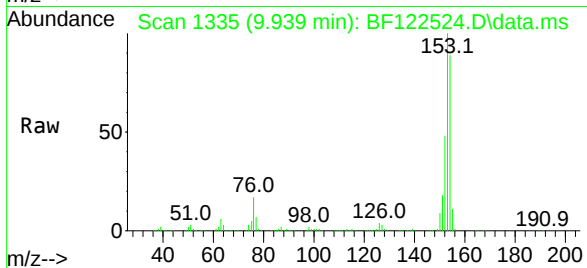
Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.8	134.8
152	54.2	43.2	64.8

Instrument :

BNA_F

ClientSampleId :

4-DRUMMSD



#53

3-Nitroaniline

Concen: 27.25 ng

RT: 9.851 min Scan# 1320

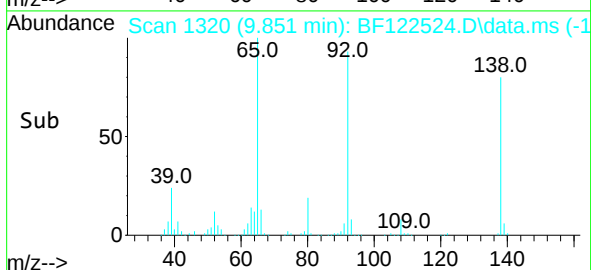
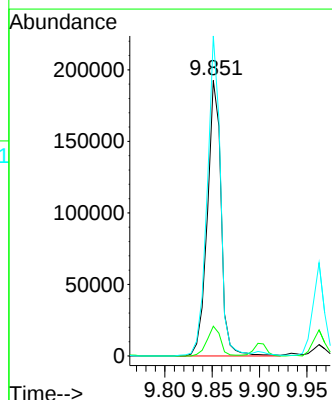
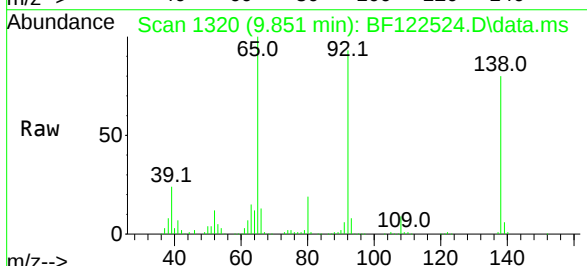
Delta R.T. -0.006 min

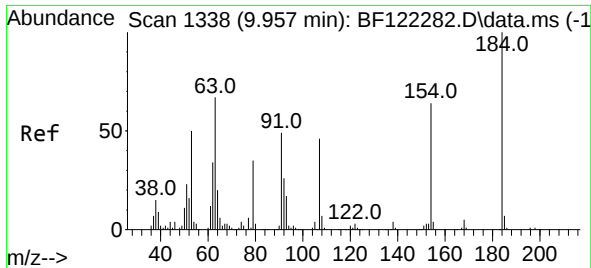
Lab File: BF122524.D

Acq: 1 Dec 2020 16:25

Tgt Ion:138 Resp: 193799

Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.6	13.0
92	116.1	96.6	144.8

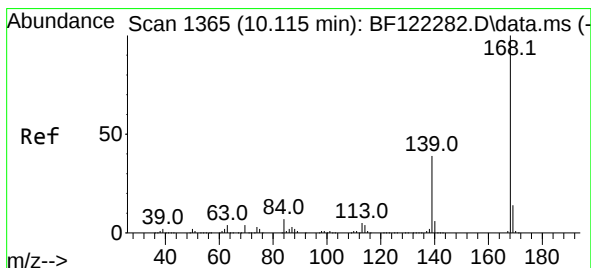
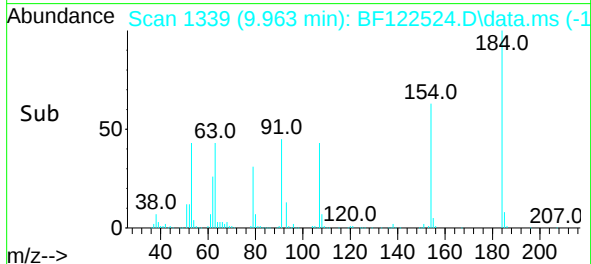
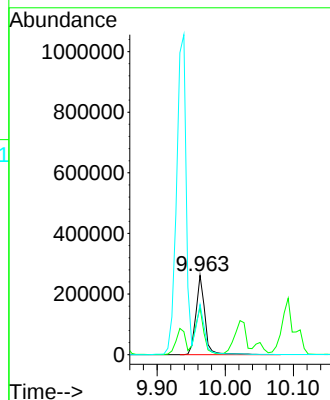
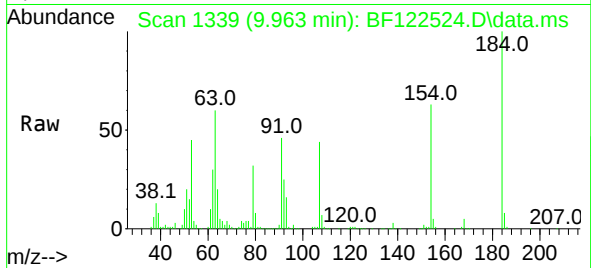




#54
2,4-Dinitrophenol
Concen: 83.46 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

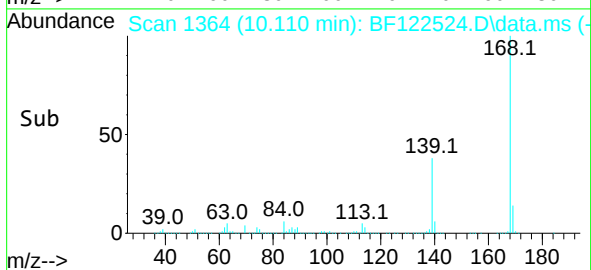
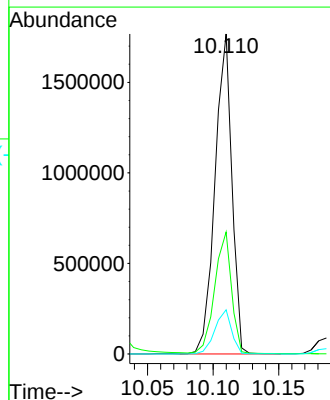
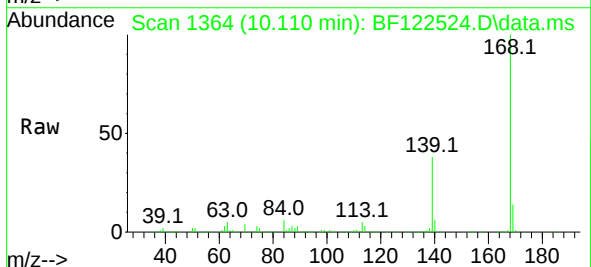
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

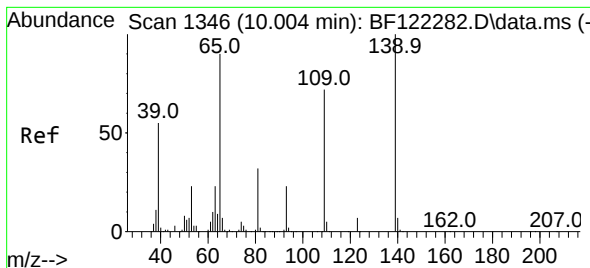
Tgt Ion:184 Resp: 239480
Ion Ratio Lower Upper
184 100
63 59.8 45.9 68.9
154 63.5 45.8 68.6



#55
Dibenzofuran
Concen: 42.66 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:168 Resp: 1579092
Ion Ratio Lower Upper
168 100
139 38.1 31.0 46.6
169 13.8 11.3 16.9

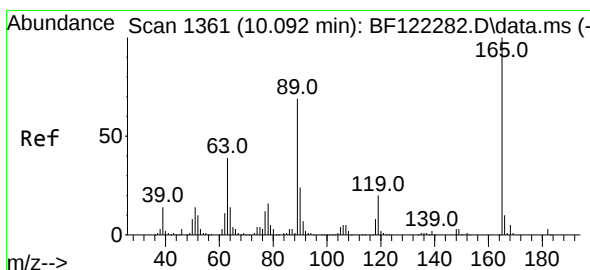
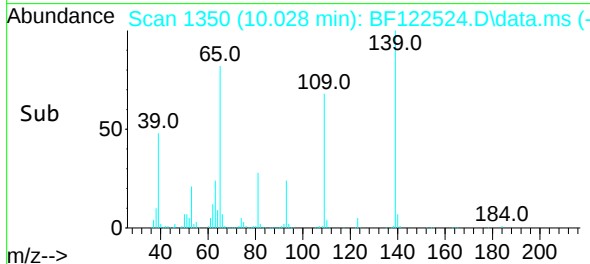
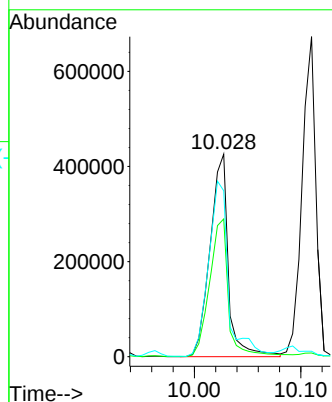
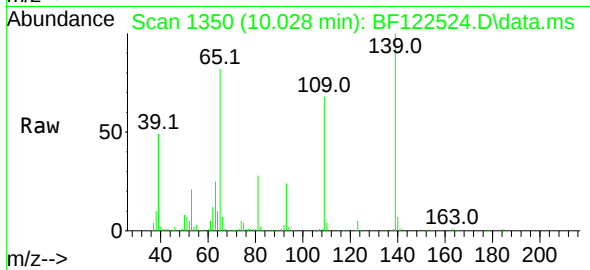




#56
4-Nitrophenol
Concen: 78.38 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

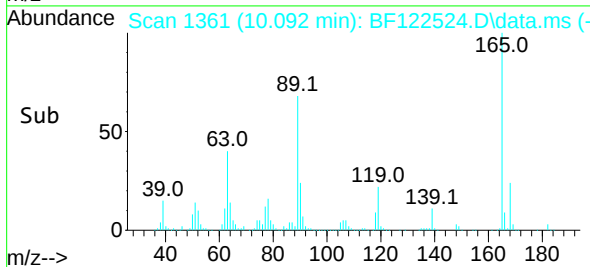
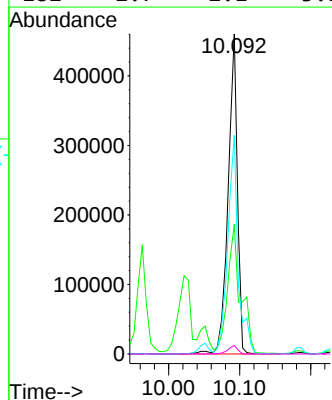
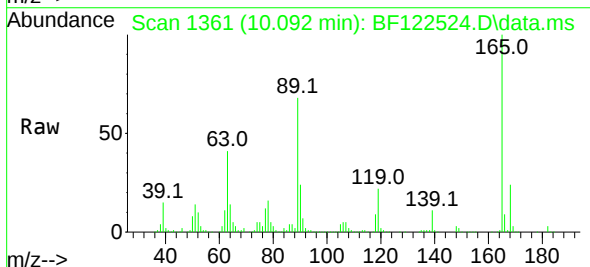
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

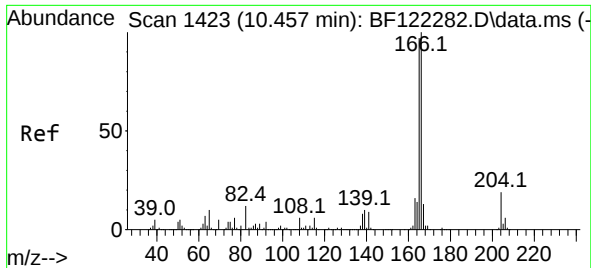
Tgt Ion:139 Resp: 510091
Ion Ratio Lower Upper
139 100
109 68.0 45.4 85.4
65 81.9 68.4 108.4



#57
2,4-Dinitrotoluene
Concen: 49.71 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:165 Resp: 418106
Ion Ratio Lower Upper
165 100
63 40.5 41.3 61.9#
89 68.4 61.8 92.8
182 2.7 2.1 3.1

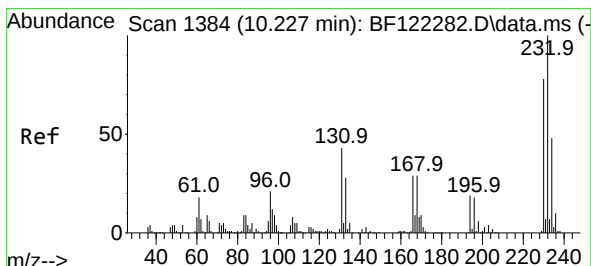
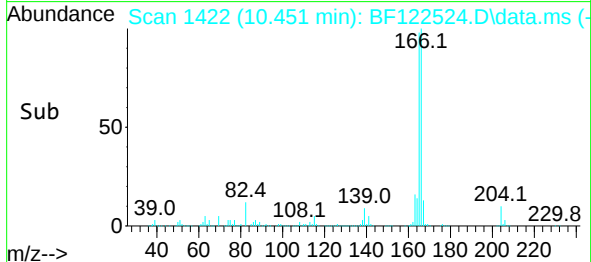
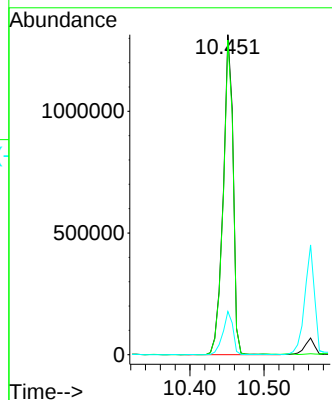
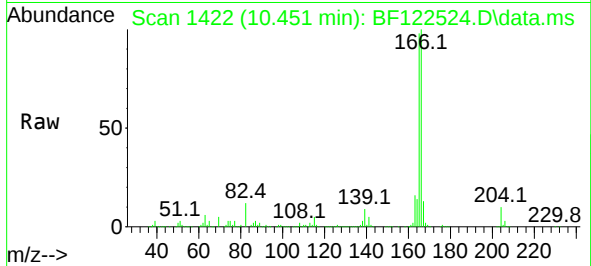




#58
Fluorene
Concen: 43.24 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

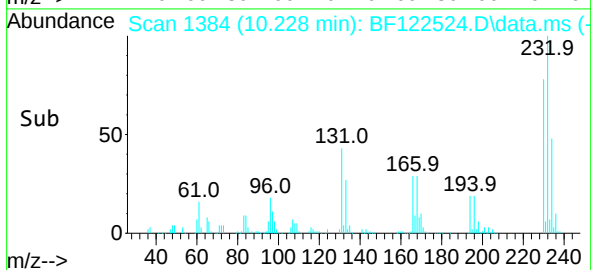
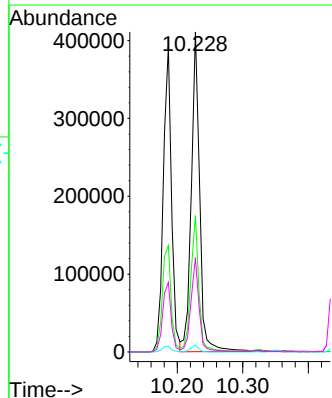
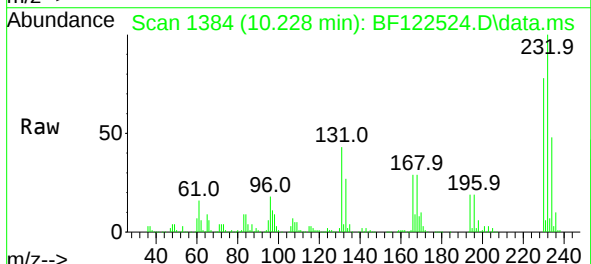
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

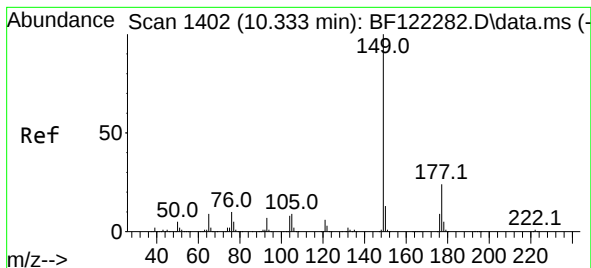
Tgt Ion:166 Resp: 1225709
Ion Ratio Lower Upper
166 100
165 98.3 79.1 118.7
167 13.5 11.0 16.6



#59
2,3,4,6-Tetrachlorophenol
Concen: 49.66 ng
RT: 10.228 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:232 Resp: 364226
Ion Ratio Lower Upper
232 100
131 40.8 35.9 53.9
130 2.1 1.8 2.6
166 28.2 23.5 35.3

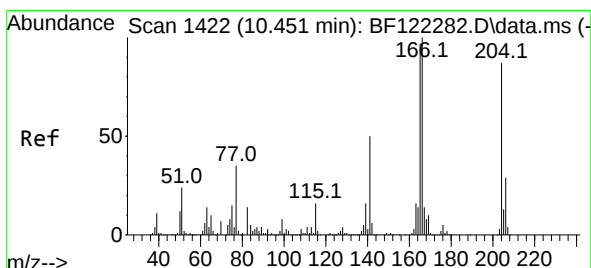
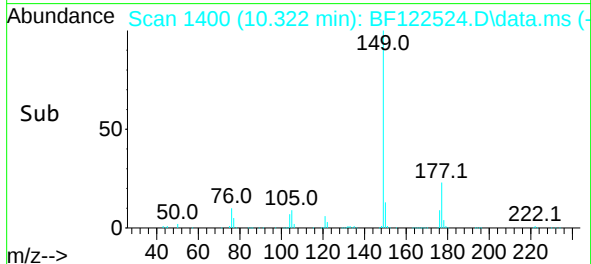
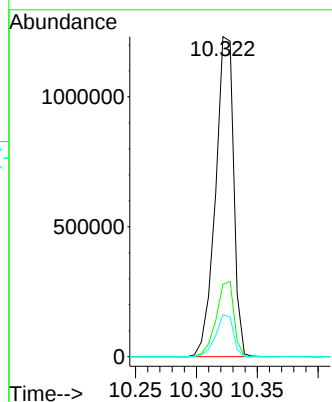
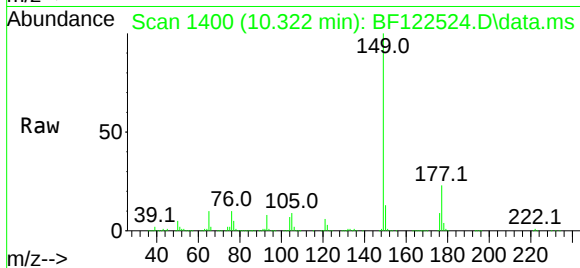




#60
Diethylphthalate
Concen: 43.68 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

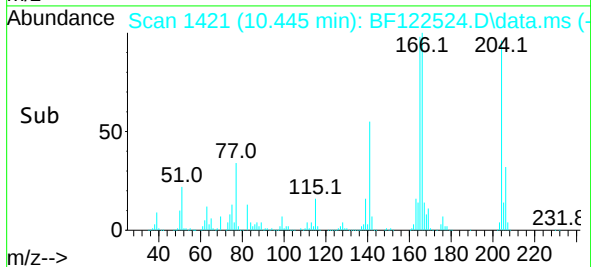
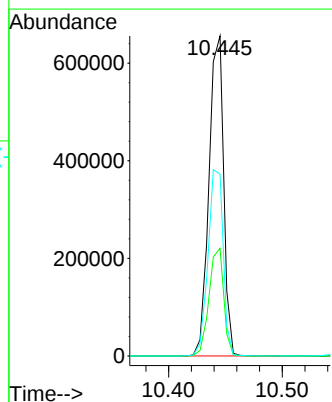
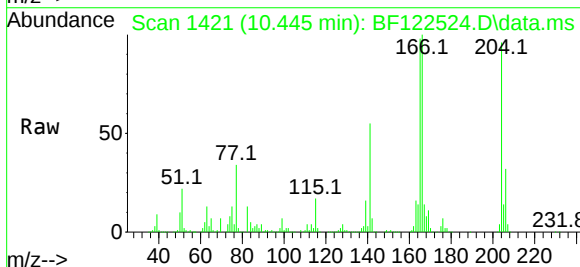
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

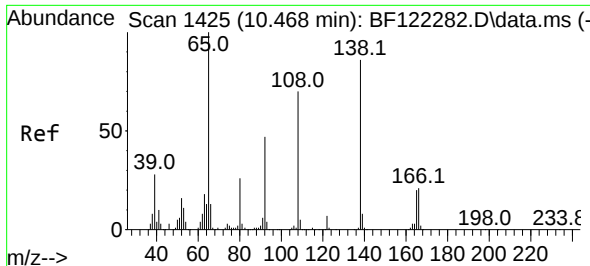
Tgt Ion:149 Resp: 1280533
Ion Ratio Lower Upper
149 100
177 22.6 18.1 27.1
150 13.1 10.3 15.5



#61
4-Chlorophenyl-phenylether
Concen: 43.93 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:204 Resp: 587898
Ion Ratio Lower Upper
204 100
206 33.7 26.0 39.0
141 56.9 46.2 69.4

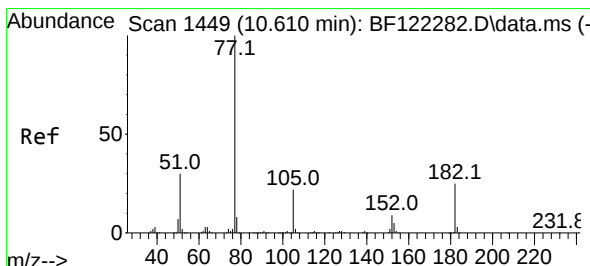
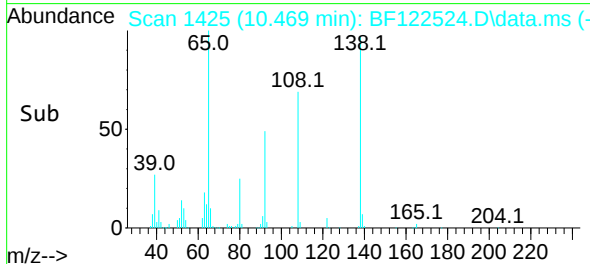
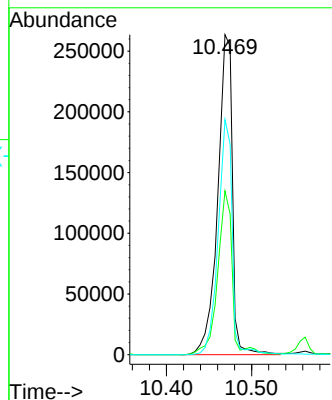
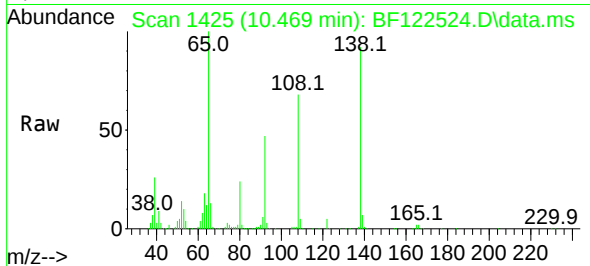




#62
4-Nitroaniline
Concen: 42.93 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

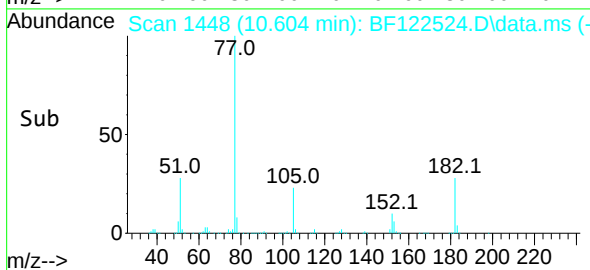
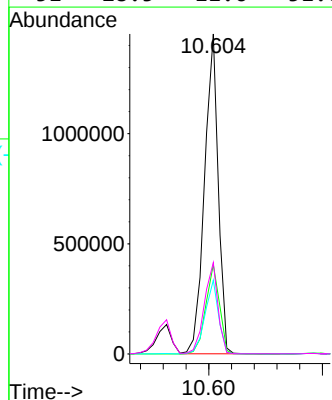
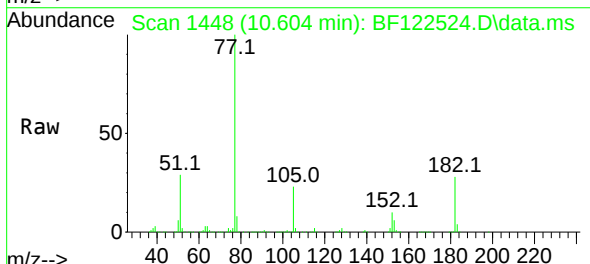
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

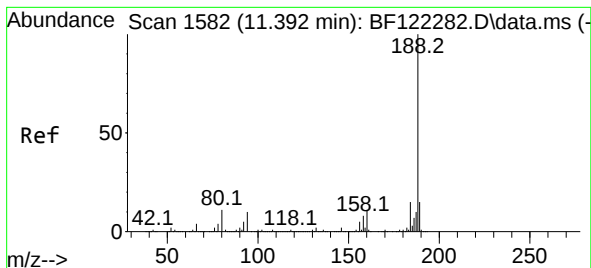
Tgt Ion:138 Resp: 315273
Ion Ratio Lower Upper
138 100
92 51.1 31.0 71.0
108 73.4 51.5 91.5



#63
Azobenzene
Concen: 39.57 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion: 77 Resp: 1216878
Ion Ratio Lower Upper
77 100
182 28.0 3.4 43.4
105 23.1 1.7 41.7
51 28.5 11.6 51.6





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.386 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF122524.D

Acq: 1 Dec 2020 16:25

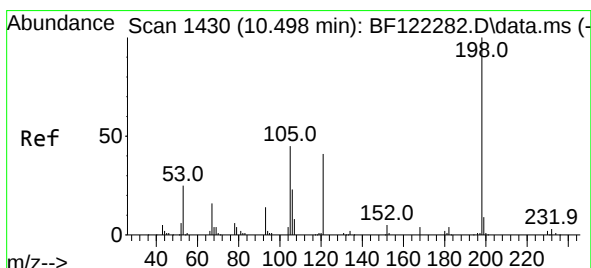
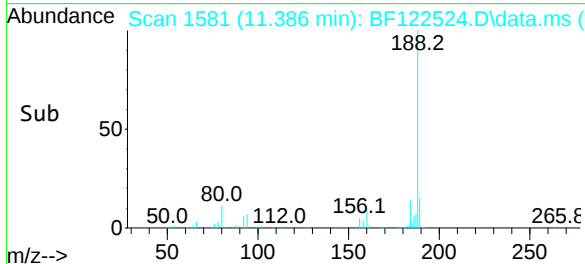
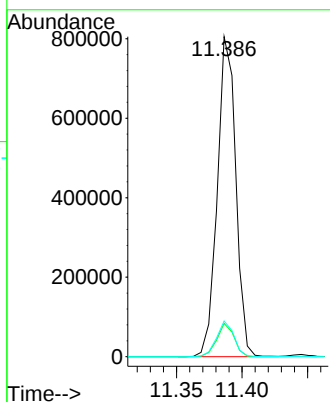
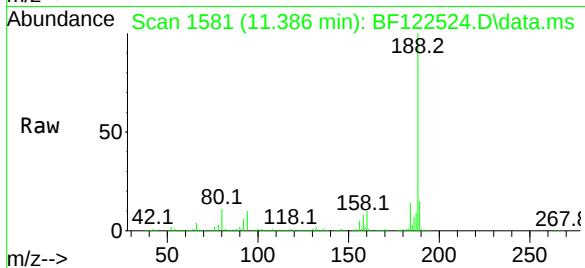
Tgt Ion:188 Resp: 786666

Ion Ratio Lower Upper

188 100

94 10.4 8.3 12.5

80 11.1 9.1 13.7



#65

4,6-Dinitro-2-methylphenol

Concen: 53.77 ng

RT: 10.498 min Scan# 1430

Delta R.T. 0.000 min

Lab File: BF122524.D

Acq: 1 Dec 2020 16:25

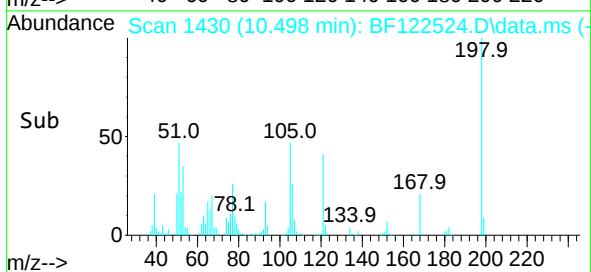
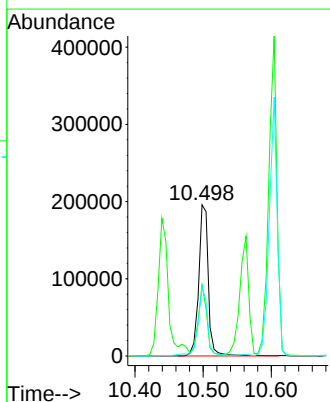
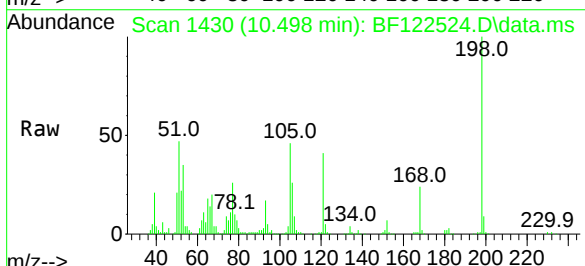
Tgt Ion:198 Resp: 191590

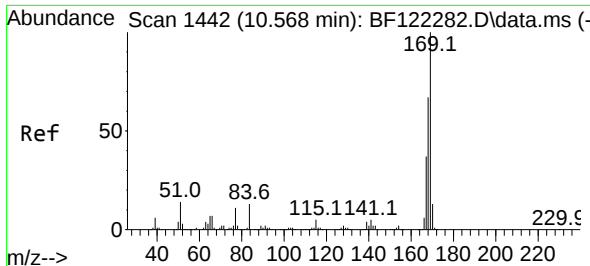
Ion Ratio Lower Upper

198 100

51 47.0 29.6 69.6

105 46.5 24.4 64.4

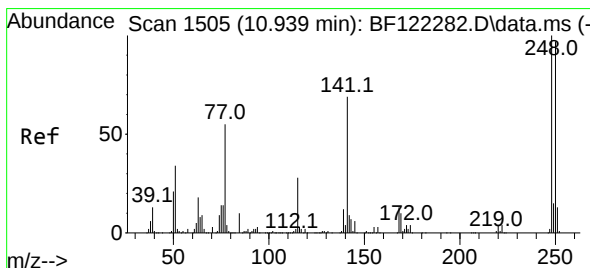
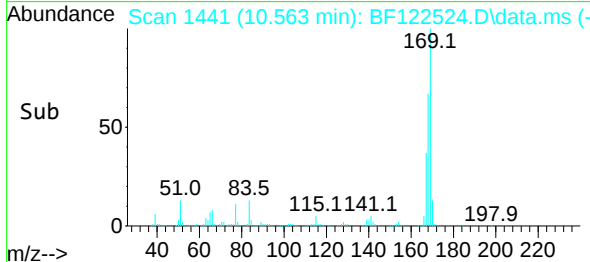
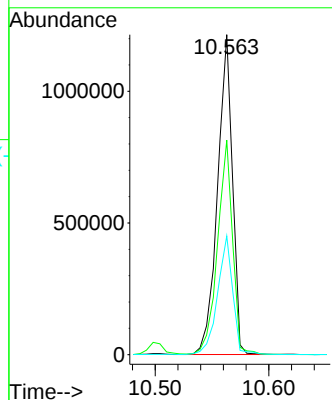
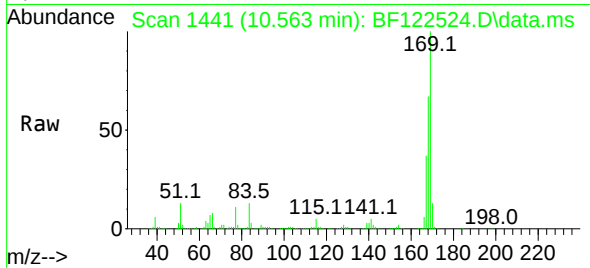




#66
n-Nitrosodiphenylamine
Concen: 41.43 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

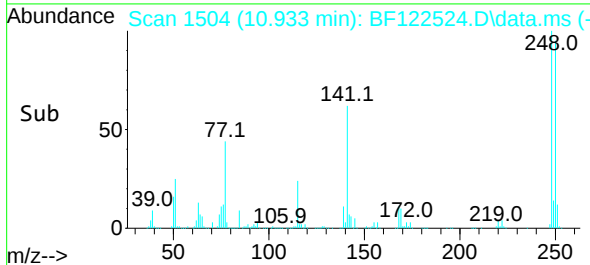
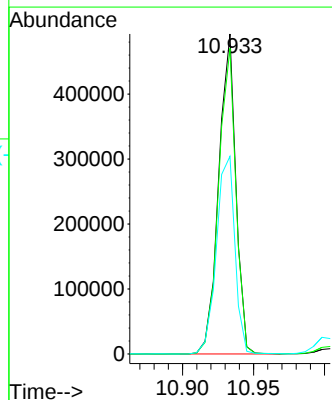
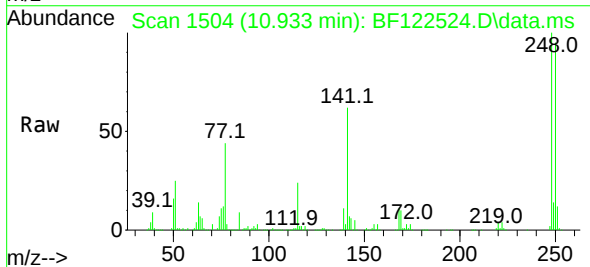
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

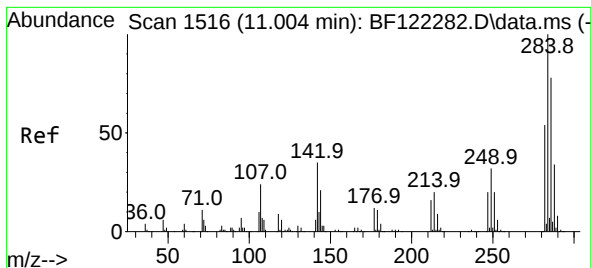
Tgt Ion:169 Resp: 1110450
Ion Ratio Lower Upper
169 100
168 67.0 50.0 75.0
167 37.1 27.8 41.6



#67
4-Bromophenyl-phenylether
Concen: 44.55 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:248 Resp: 411820
Ion Ratio Lower Upper
248 100
250 95.5 77.0 115.6
141 61.8 53.7 80.5

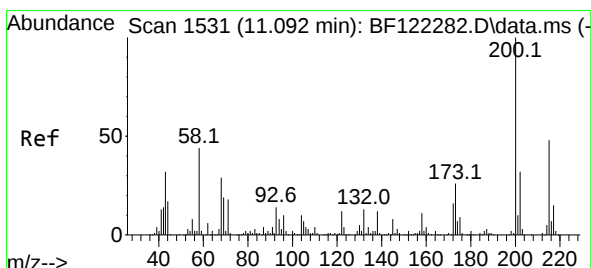
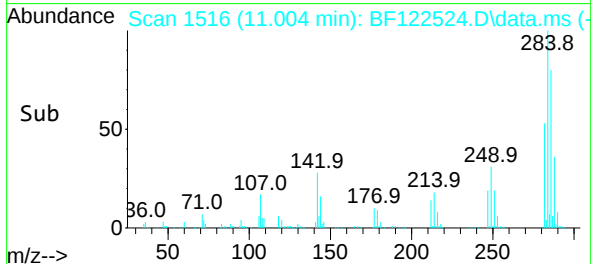
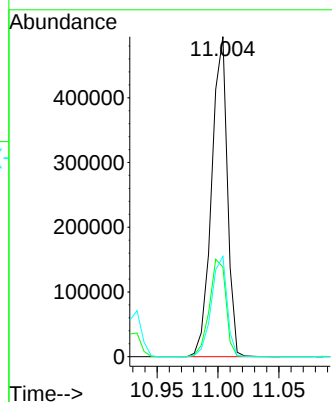
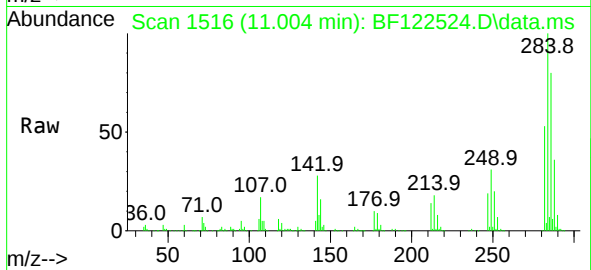




#68
Hexachlorobenzene
Concen: 44.35 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

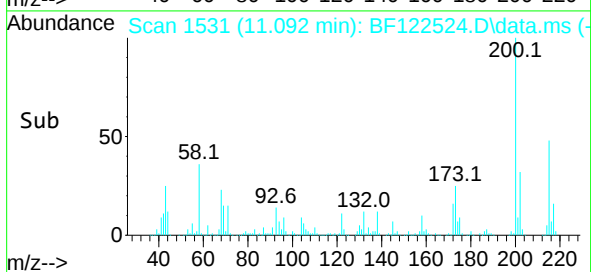
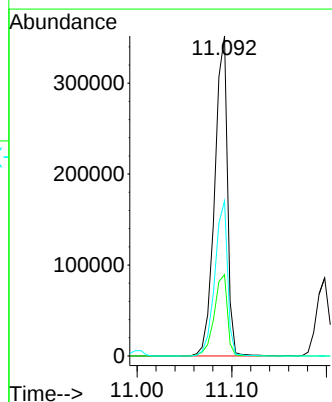
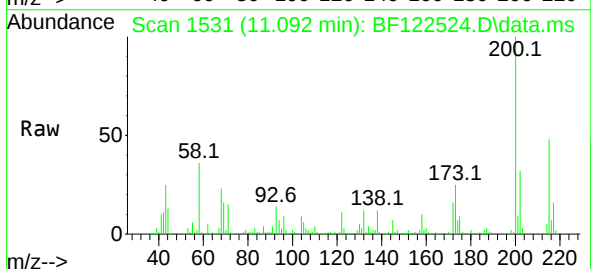
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

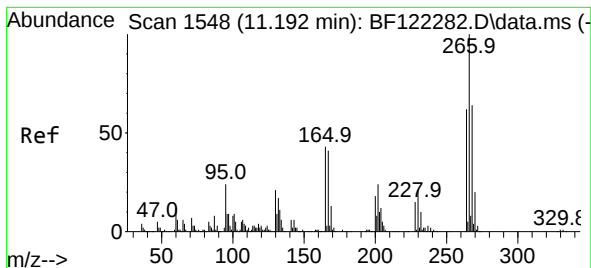
Tgt Ion:284 Resp: 442984
Ion Ratio Lower Upper
284 100
142 28.0 27.4 41.2
249 31.3 24.2 36.4



#69
Atrazine
Concen: 49.21 ng
RT: 11.092 min Scan# 1531
Delta R.T. 0.006 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

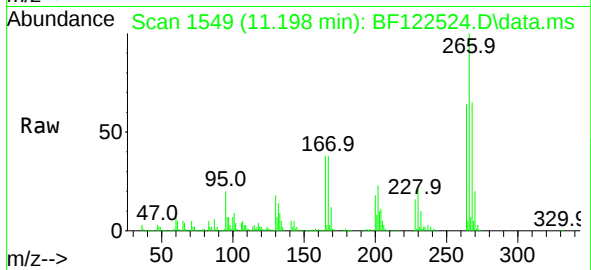
Tgt Ion:200 Resp: 328459
Ion Ratio Lower Upper
200 100
173 25.4 7.5 47.5
215 48.5 27.1 67.1



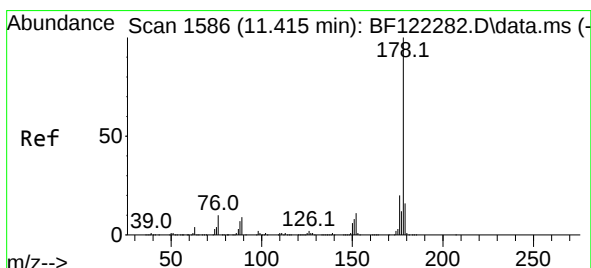
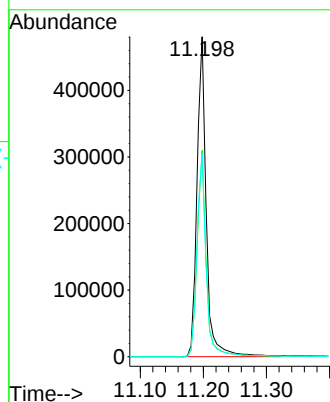
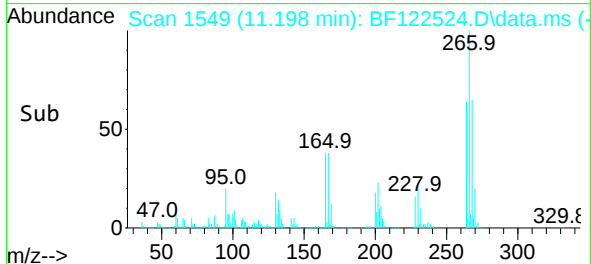


#70
Pentachlorophenol
Concen: 85.10 ng
RT: 11.198 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

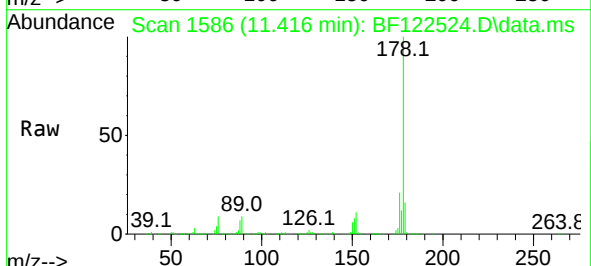
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD



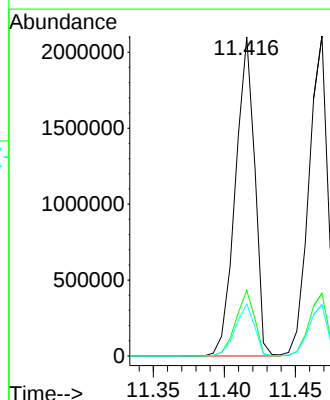
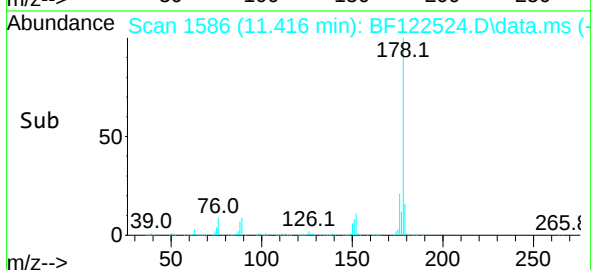
Tgt Ion:266 Resp: 489703
Ion Ratio Lower Upper
266 100
268 64.5 52.4 78.6
264 63.7 49.9 74.9

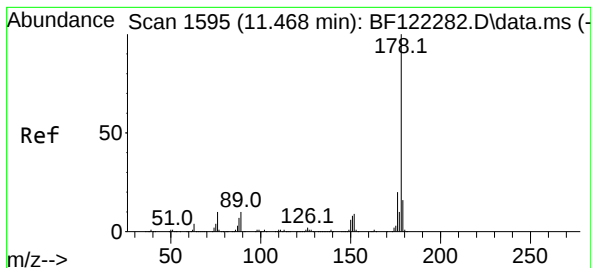


#71
Phenanthrene
Concen: 44.60 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25



Tgt Ion:178 Resp: 1990646
Ion Ratio Lower Upper
178 100
176 20.6 15.9 23.9
179 16.3 12.2 18.4



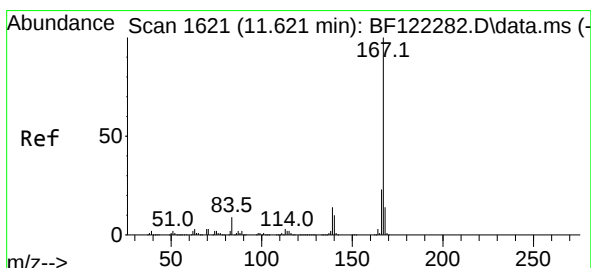
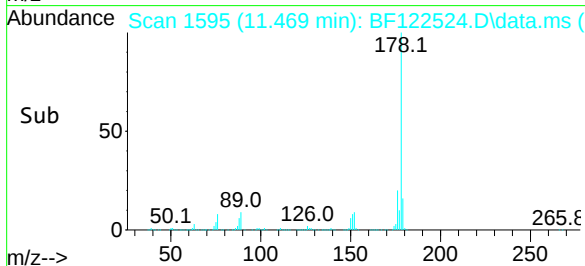
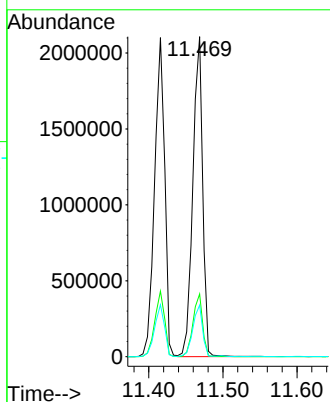
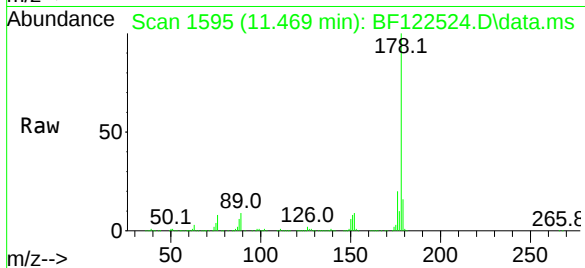


#72
 Anthracene
 Concen: 42.17 ng
 RT: 11.469 min Scan# 1595
 Delta R.T. 0.000 min
 Lab File: BF122524.D
 Acq: 1 Dec 2020 16:25

Instrument :
 BNA_F
 ClientSampleId :
 4-DRUMMSD

Tgt Ion:178 Resp: 1939976

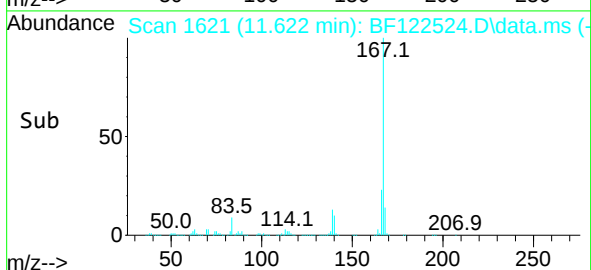
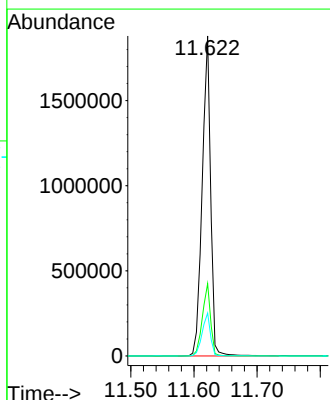
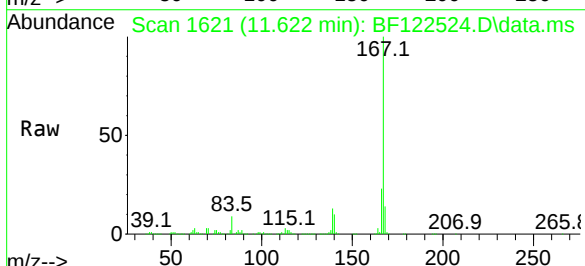
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	16.1	12.7	19.1

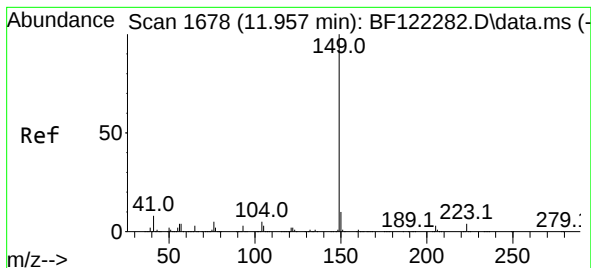


#73
 Carbazole
 Concen: 41.69 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF122524.D
 Acq: 1 Dec 2020 16:25

Tgt Ion:167 Resp: 1744797

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.8	26.6
139	13.4	10.8	16.2

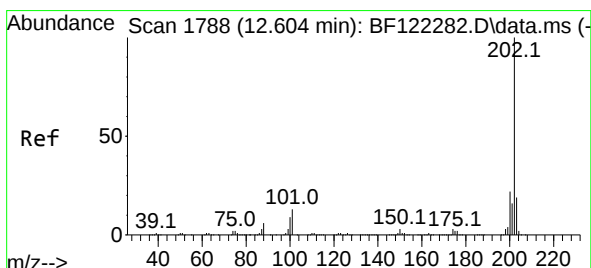
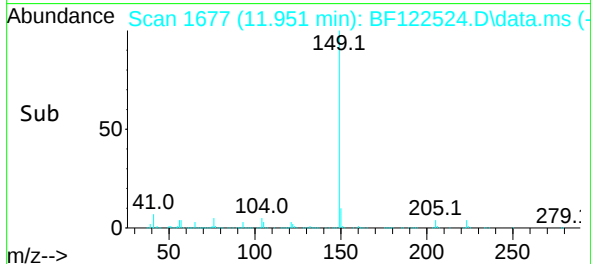
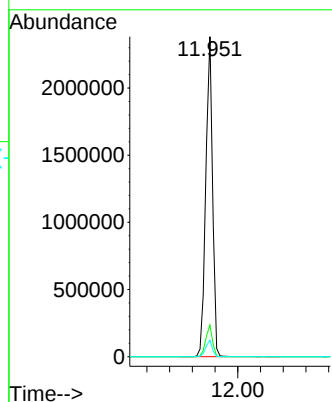
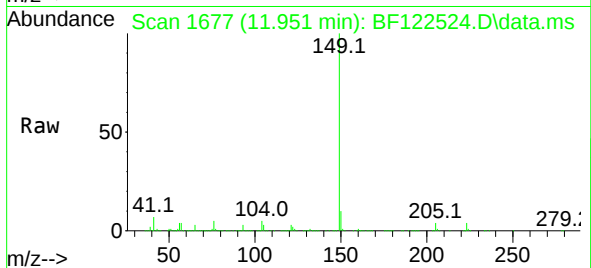




#74
Di-n-butylphthalate
Concen: 43.97 ng
RT: 11.951 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

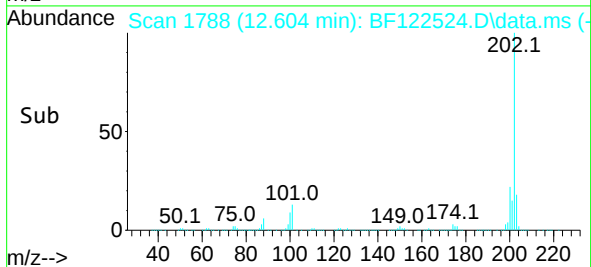
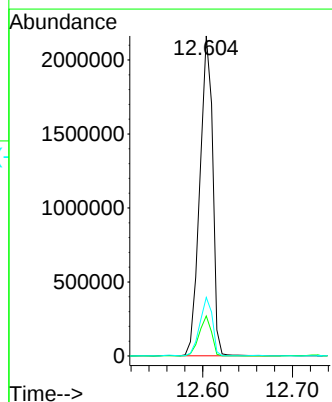
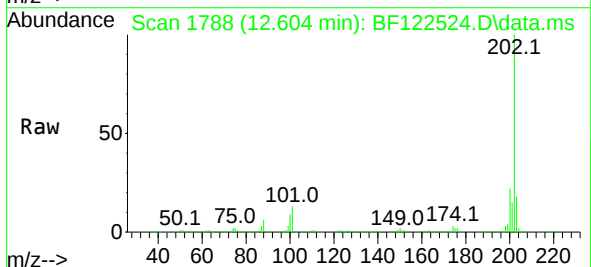
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

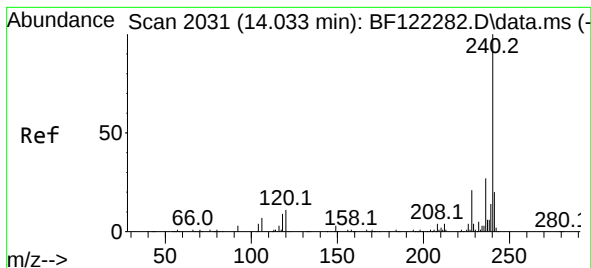
Tgt Ion:149 Resp: 1961804
Ion Ratio Lower Upper
149 100
150 9.9 7.7 11.5
104 5.2 4.2 6.2



#75
Fluoranthene
Concen: 46.06 ng
RT: 12.604 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:202 Resp: 2146140
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.4
203 18.3 0.0 37.9

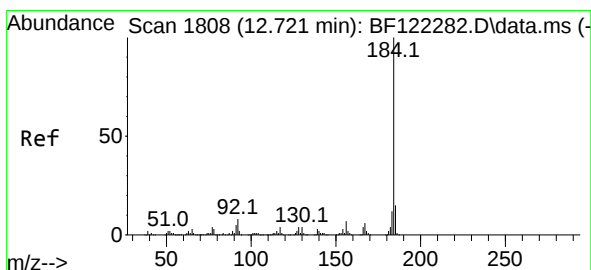
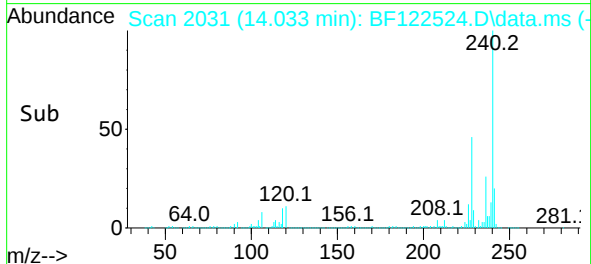
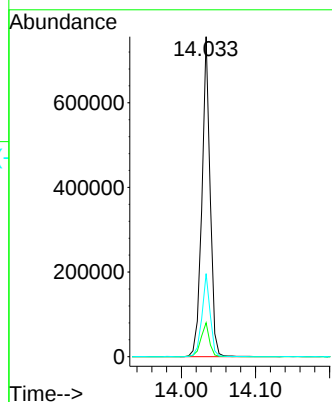
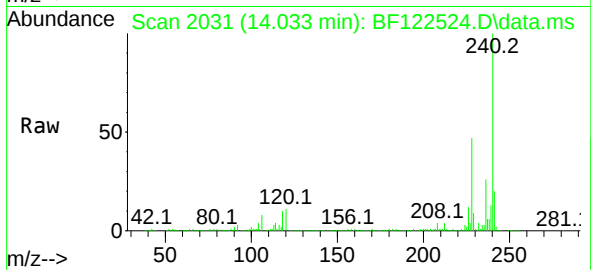




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

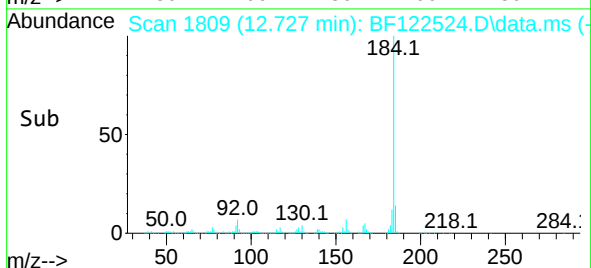
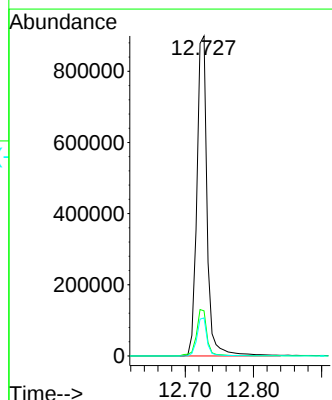
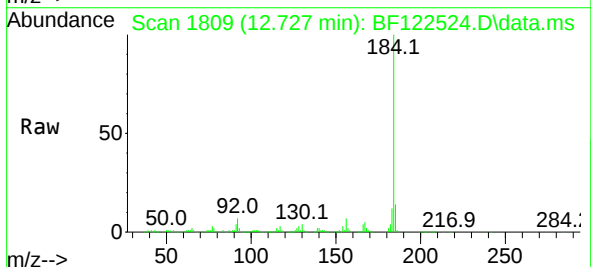
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

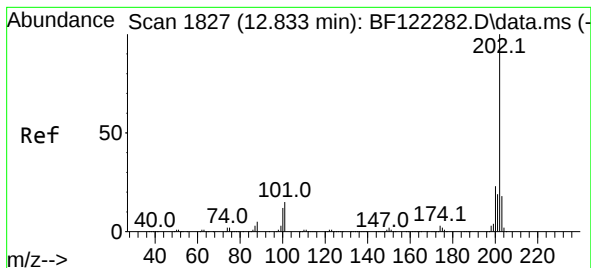
Tgt Ion:240 Resp: 579270
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 26.0 20.9 31.3



#77
Benzidine
Concen: 58.39 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:184 Resp: 938128
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 11.9 9.4 14.0





#78

Pyrene

Concen: 52.69 ng

RT: 12.833 min Scan# 1827

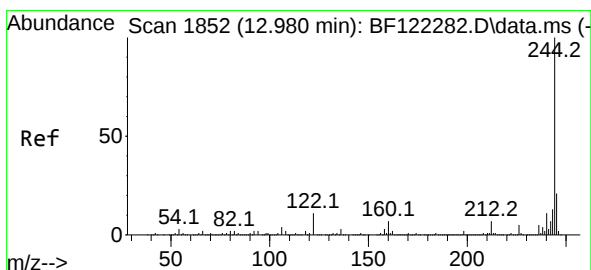
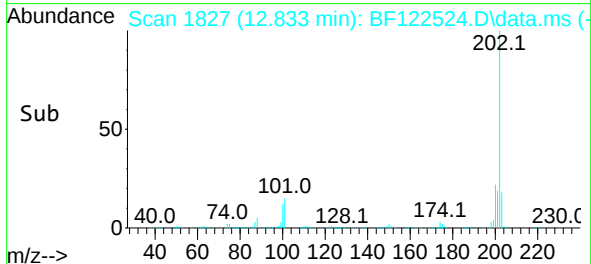
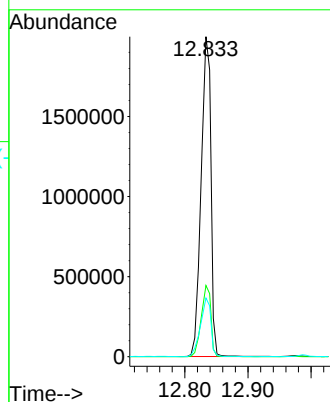
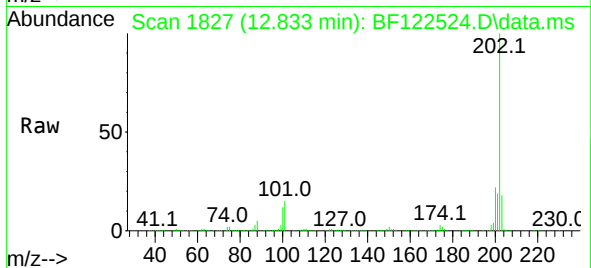
Delta R.T. 0.000 min

Lab File: BF122524.D

Acq: 1 Dec 2020 16:25

Tgt Ion:202 Resp: 2144138

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	18.3	14.6	21.8



#79

Terphenyl-d14

Concen: 62.15 ng

RT: 12.974 min Scan# 1851

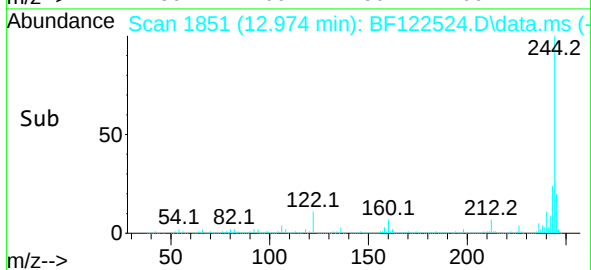
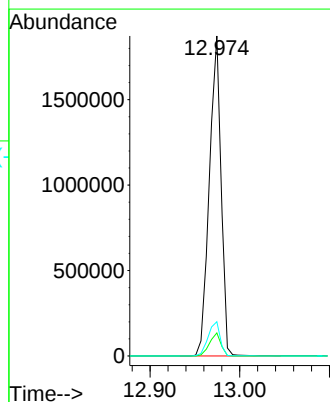
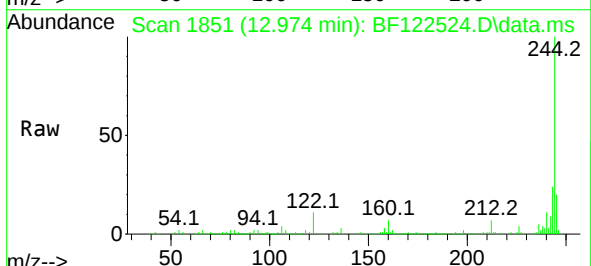
Delta R.T. 0.000 min

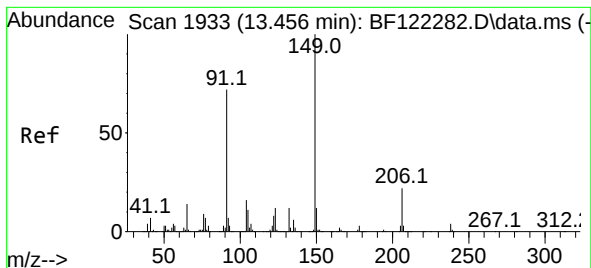
Lab File: BF122524.D

Acq: 1 Dec 2020 16:25

Tgt Ion:244 Resp: 1699331

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.2
122	10.7	8.1	12.1

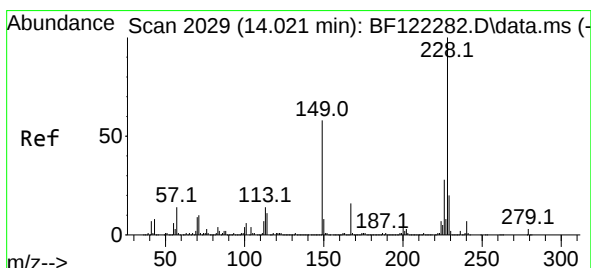
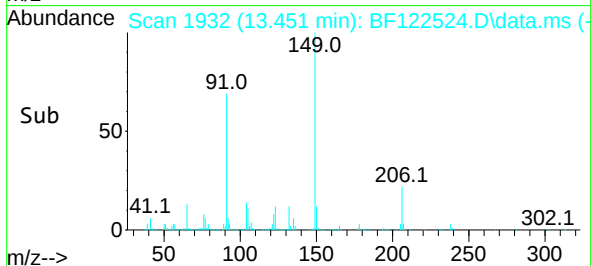
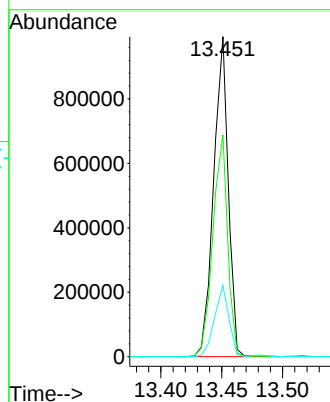
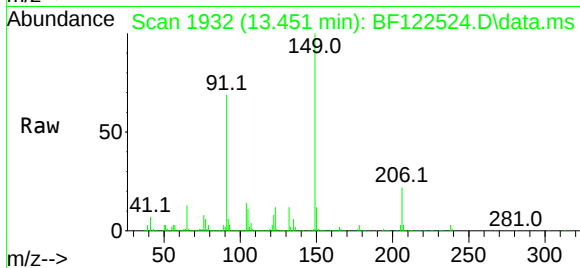




#80
Butylbenzylphthalate
Concen: 50.56 ng
RT: 13.451 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

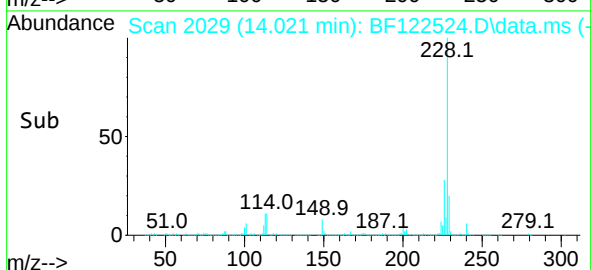
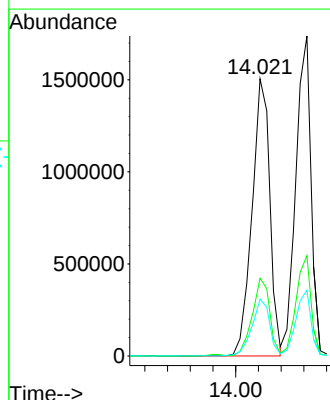
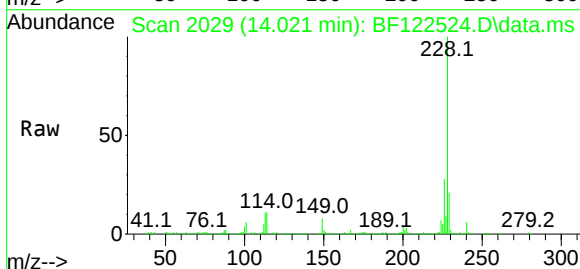
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

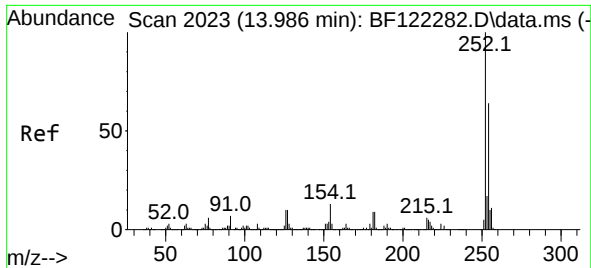
Tgt Ion:149 Resp: 828110
Ion Ratio Lower Upper
149 100
91 69.3 61.0 91.4
206 22.3 16.7 25.1



#81
Benzo(a)anthracene
Concen: 45.44 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:228 Resp: 1636853
Ion Ratio Lower Upper
228 100
226 28.1 22.3 33.5
229 20.5 16.2 24.4

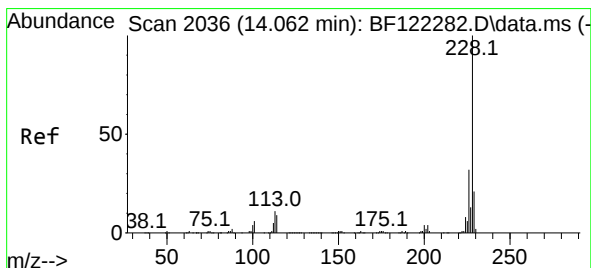
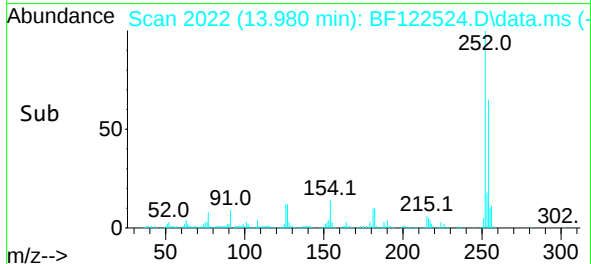
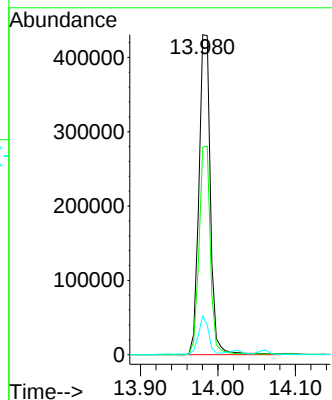
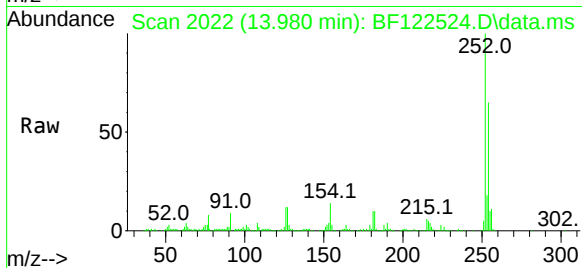




#82
3,3'-Dichlorobenzidine
Concen: 32.99 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

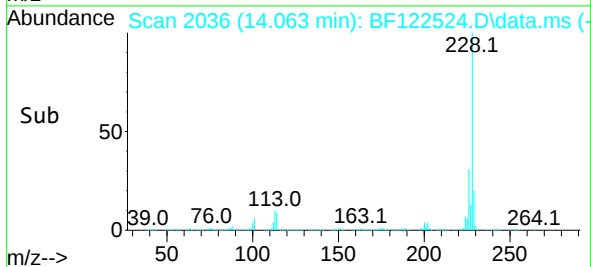
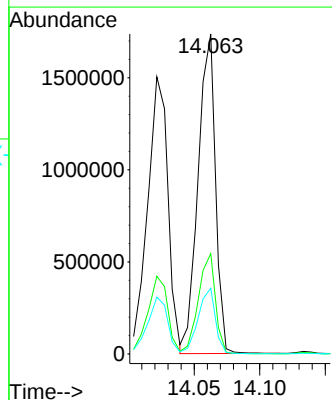
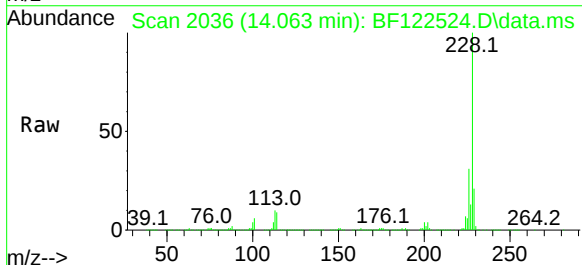
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

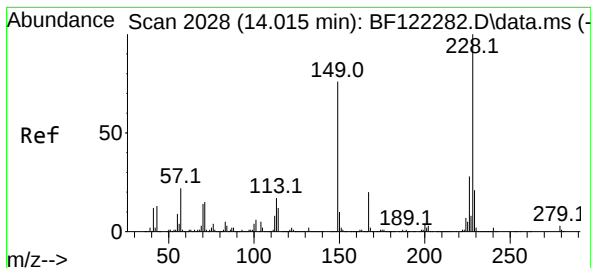
Tgt Ion:252 Resp: 442875
Ion Ratio Lower Upper
252 100
254 64.8 51.8 77.6
126 12.1 8.8 13.2



#83
Chrysene
Concen: 44.38 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:228 Resp: 1610399
Ion Ratio Lower Upper
228 100
226 31.3 24.6 37.0
229 20.5 15.9 23.9

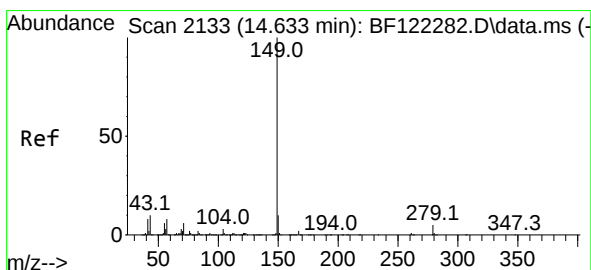
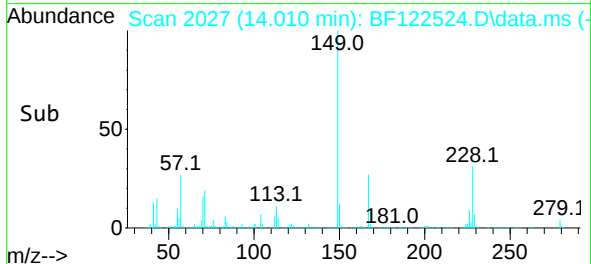
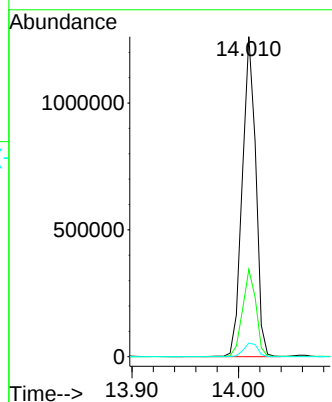
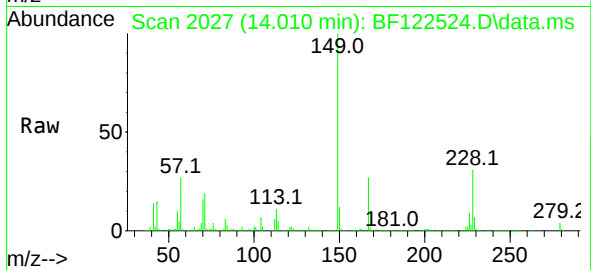




#84
Bis(2-ethylhexyl)phthalate
Concen: 56.78 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

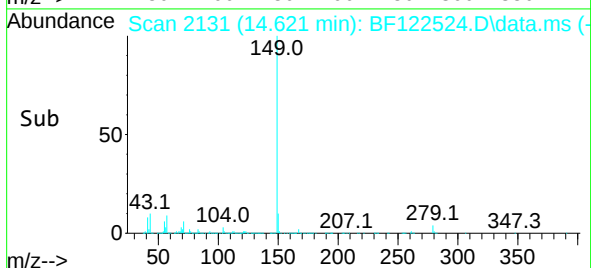
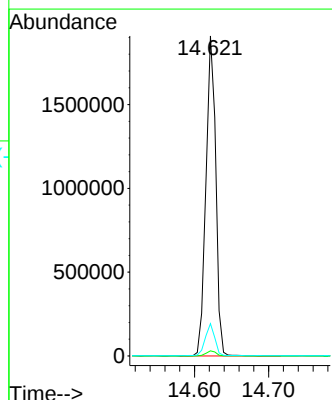
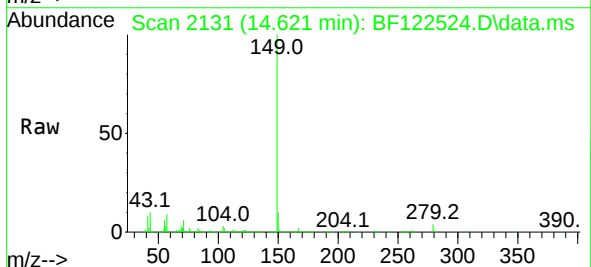
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

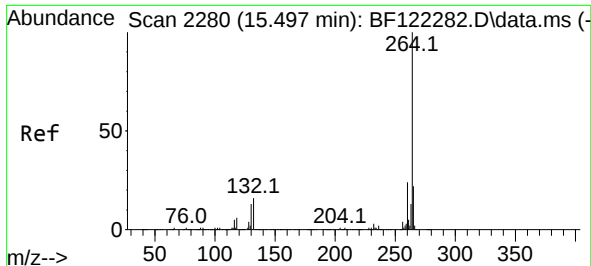
Tgt Ion:149 Resp: 1114161
Ion Ratio Lower Upper
149 100
167 27.2 20.9 31.3
279 4.3 3.2 4.8



#85
Di-n-octyl phthalate
Concen: 52.98 ng
RT: 14.621 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:149 Resp: 1761944
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.8 9.0 13.6



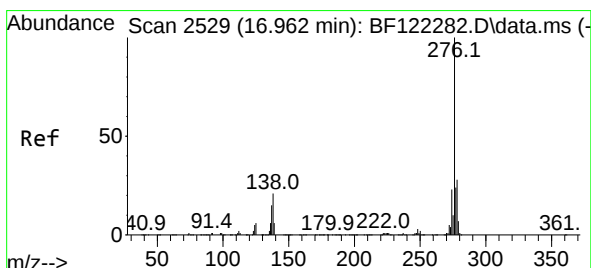
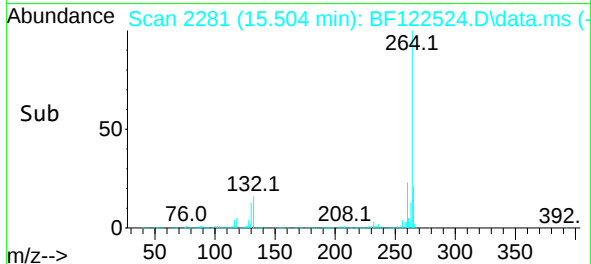
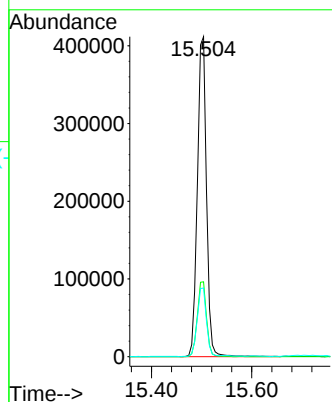
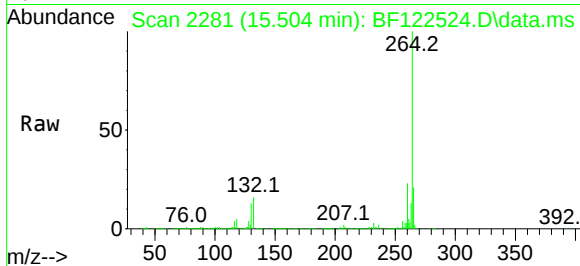


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

Tgt Ion:264 Resp: 518635

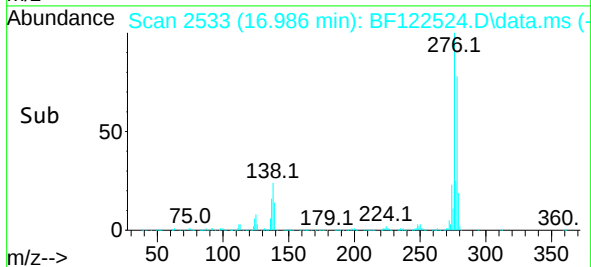
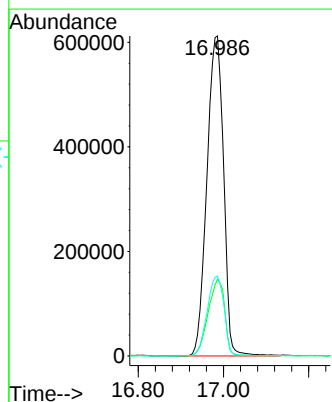
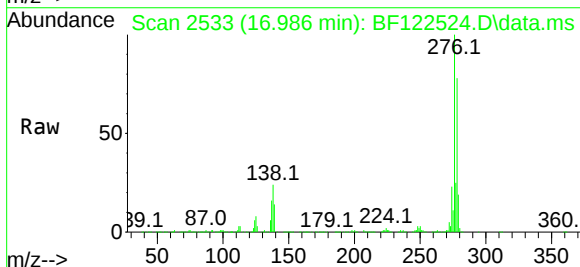
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.5	17.3	25.9

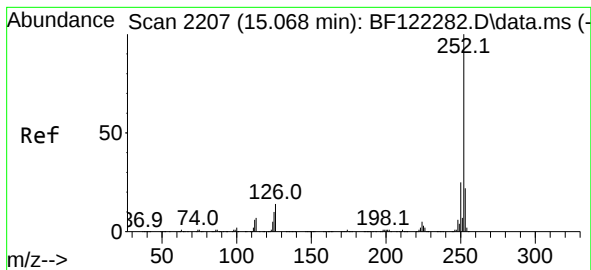


#87
Indeno(1,2,3-cd)pyrene
Concen: 53.48 ng
RT: 16.986 min Scan# 2533
Delta R.T. 0.012 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:276 Resp: 1664351

Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.9	29.9
277	25.5	20.4	30.6

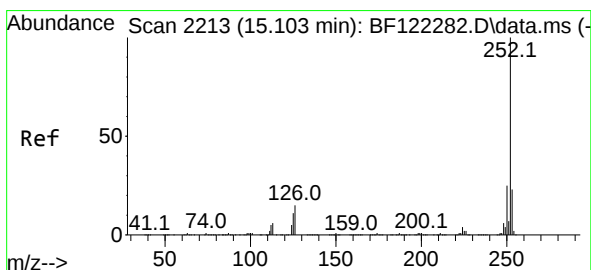
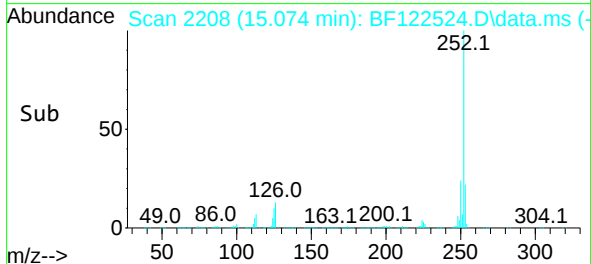
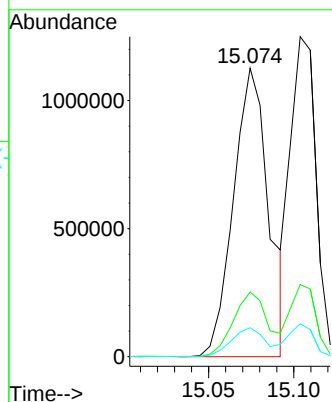
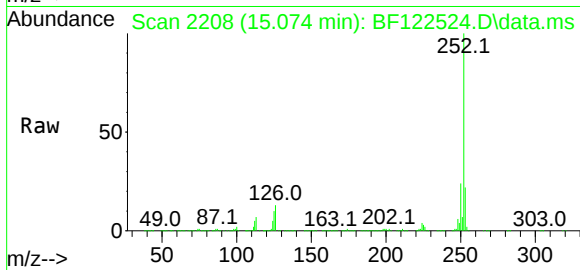




#88
Benzo(b)fluoranthene
Concen: 48.17 ng
RT: 15.074 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

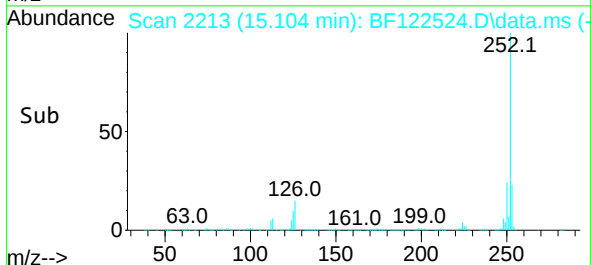
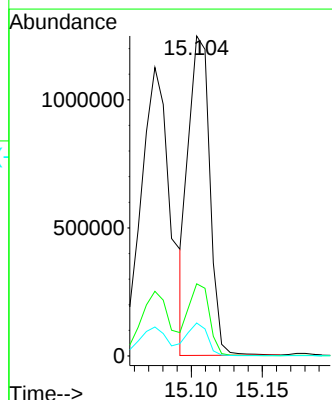
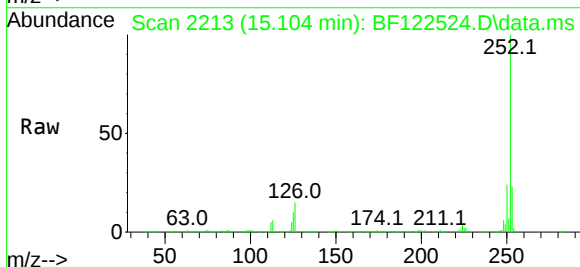
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

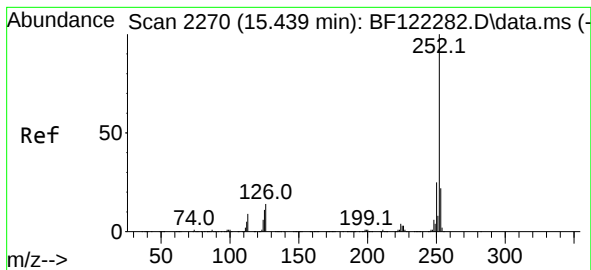
Tgt Ion:252 Resp: 1617934
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 10.0 8.0 12.0



#89
Benzo(k)fluoranthene
Concen: 39.84 ng
RT: 15.104 min Scan# 2213
Delta R.T. -0.006 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:252 Resp: 1304899
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 10.3 7.7 11.5

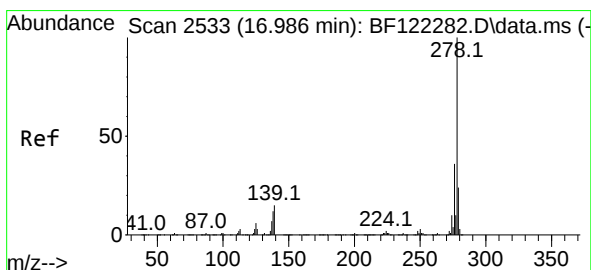
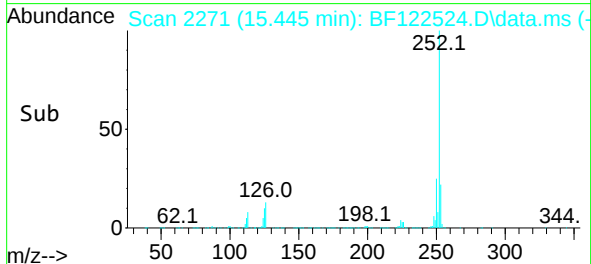
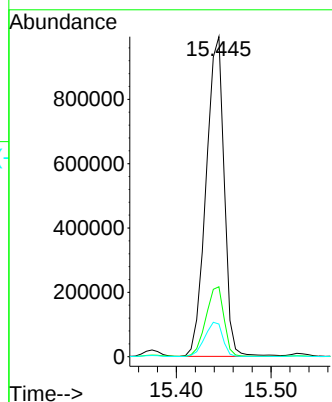
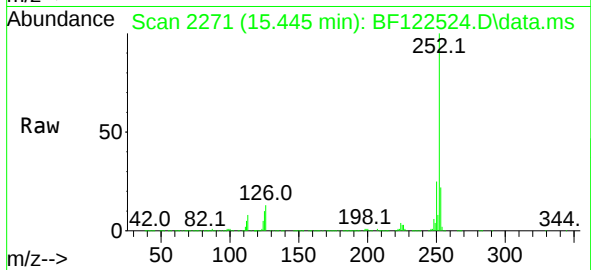




#90
Benzo(a)pyrene
Concen: 45.05 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

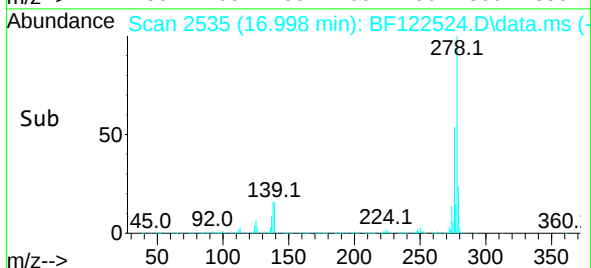
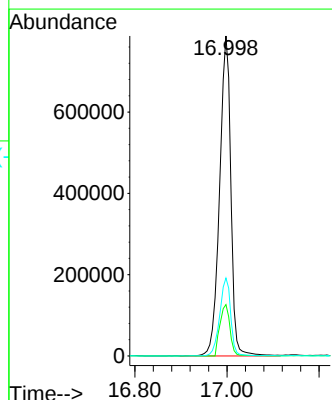
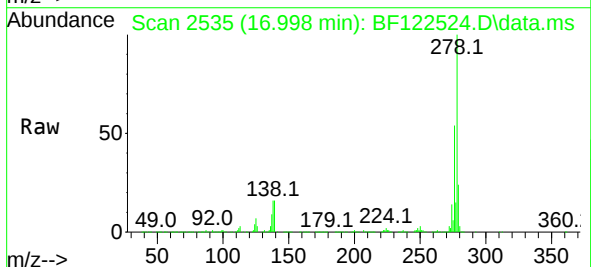
Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

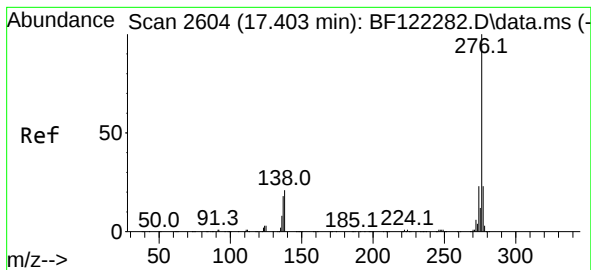
Tgt Ion:252 Resp: 1319065
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.2 8.6 13.0



#91
Dibenzo(a,h)anthracene
Concen: 51.12 ng
RT: 16.998 min Scan# 2535
Delta R.T. 0.006 min
Lab File: BF122524.D
Acq: 1 Dec 2020 16:25

Tgt Ion:278 Resp: 1332517
Ion Ratio Lower Upper
278 100
139 16.1 13.0 19.4
279 24.4 19.0 28.4





#92

Benzo(g,h,i)perylene

Concen: 56.57 ng

RT: 17.427 min Scan# 2608

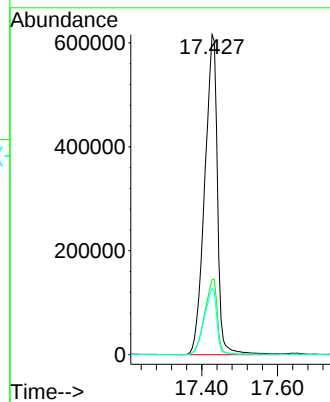
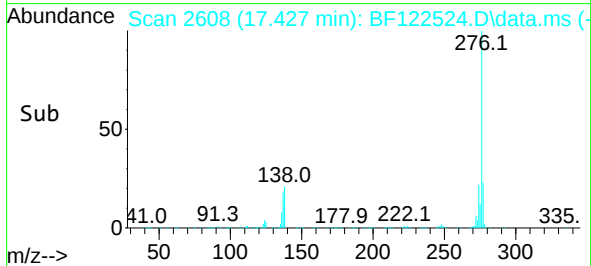
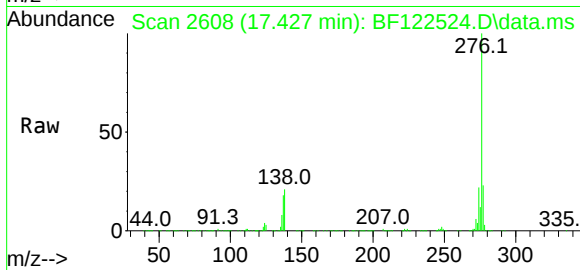
Delta R.T. 0.006 min

Lab File: BF122524.D

Acq: 1 Dec 2020 16:25

Tgt Ion: 276 Resp: 1434044

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.4	29.2
138	20.7	17.8	26.6



Instrument :

BNA_F

ClientSampleId :

4-DRUMMSD