

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
 Data File : BF125833.D
 Acq On : 13 Oct 2021 18:49
 Operator : JU/CG
 Sample : M4178-01MSD 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101221MSD

Quant Time: Oct 14 09:03:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 13:23:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	182549	20.000	ng	0.00
21) Naphthalene-d8	8.127	136	681482	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	302993	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	461030	20.000	ng	# 0.00
76) Chrysene-d12	14.004	240	290603	20.000	ng	0.00
86) Perylene-d12	15.462	264	237581	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	653059	58.442	ng	0.00
7) Phenol-d6	6.469	99	797929	55.469	ng	0.00
23) Nitrobenzene-d5	7.404	82	442981	40.406	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	170275	56.920	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	862069	49.074	ng	0.00
79) Terphenyl-d14	12.945	244	775336	40.641	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	84760	17.814	ng	# 100
3) Pyridine	3.340	79	202387	16.441	ng	# 68
4) n-Nitrosodimethylamine	3.263	42	99095	22.365	ng	# 1
6) Aniline	6.504	93	370206	22.352	ng	94
8) 2-Chlorophenol	6.628	128	302501	24.716	ng	98
9) Benzaldehyde	6.392	77	161855	20.732	ng	94
10) Phenol	6.481	94	373989	26.735	ng	92
11) bis(2-Chloroethyl)ether	6.581	93	277036	24.442	ng	93
12) 1,3-Dichlorobenzene	6.786	146	312088	23.374	ng	96
13) 1,4-Dichlorobenzene	6.863	146	316465	23.241	ng	98
14) 1,2-Dichlorobenzene	7.016	146	300007	23.525	ng	100
15) Benzyl Alcohol	6.981	79	227882	23.903	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.122	45	337741	23.300	ng	88
17) 2-Methylphenol	7.092	107	235566	24.177	ng	97
18) Hexachloroethane	7.357	117	76866	16.393	ng	97
19) n-Nitroso-di-n-propyla...	7.251	70	184005	24.231	ng	# 69
20) 3+4-Methylphenols	7.245	107	293964	24.464	ng	91
22) Acetophenone	7.251	105	386525	25.801	ng	# 92
24) Nitrobenzene	7.422	77	270617	25.470	ng	96
25) Isophorone	7.663	82	484077	24.923	ng	94
26) 2-Nitrophenol	7.739	139	143488	26.706	ng	90
27) 2,4-Dimethylphenol	7.775	122	253737	28.359	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	330219	24.494	ng	99
29) 2,4-Dichlorophenol	7.980	162	229712	23.833	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	249365	23.593	ng	96
31) Naphthalene	8.151	128	1011498	30.698	ng	98
32) Benzoic acid	7.851	122	125587	19.961	ng	99
33) 4-Chloroaniline	8.192	127	286788	20.797	ng	99
34) Hexachlorobutadiene	8.269	225	138988	23.542	ng	99
35) Caprolactam	8.545	113	78871	28.321	ng	89
36) 4-Chloro-3-methylphenol	8.669	107	215077	22.840	ng	99
37) 2-Methylnaphthalene	8.839	142	653160	30.608	ng	99
38) 1-Methylnaphthalene	8.939	142	591337	28.557	ng	97
40) 1,2,4,5-Tetrachloroben...	9.004	216	212849	26.174	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	148267	25.156	ng	97
44) 2,4,5-Trichlorophenol	9.151	196	150566	24.025	ng	96

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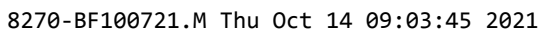
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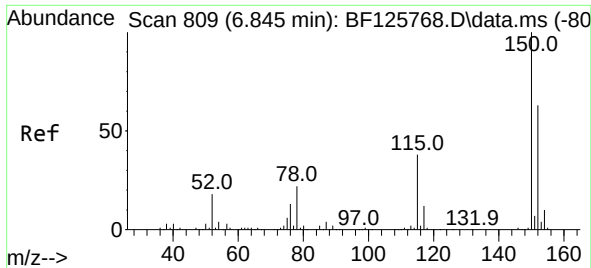
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.304	154	586743	26.339	ng	99
47) 2-Chloronaphthalene	9.327	162	451322	24.952	ng	96
48) 2-Nitroaniline	9.416	65	120997	27.865	ng	94
49) Acenaphthylene	9.739	152	934036	35.262	ng	98
50) Dimethylphthalate	9.598	163	525256	26.334	ng	# 98
51) 2,6-Dinitrotoluene	9.657	165	106811	26.493	ng	95
52) Acenaphthene	9.916	154	456683	27.596	ng	97
53) 3-Nitroaniline	9.827	138	121537	25.495	ng	98
54) 2,4-Dinitrophenol	9.933	184	13060	7.632	ng	# 80
55) Dibenzofuran	10.086	168	700992	28.276	ng	93
56) 4-Nitrophenol	9.980	139	171611	48.293	ng	89
57) 2,4-Dinitrotoluene	10.063	165	129632	25.430	ng	# 75
58) Fluorene	10.427	166	652744	35.950	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	106451	22.504	ng	# 88
60) Diethylphthalate	10.298	149	486461	25.561	ng	98
61) 4-Chlorophenyl-phenyle...	10.421	204	210492	24.068	ng	# 86
62) 4-Nitroaniline	10.433	138	111805	25.381	ng	# 73
63) Azobenzene	10.580	77	404128	22.591	ng	79
65) 4,6-Dinitro-2-methylph...	10.469	198	12220	5.314	ng	# 74
66) n-Nitrosodiphenylamine	10.533	169	425354	27.046	ng	97
67) 4-Bromophenyl-phenylether	10.910	248	123323	24.153	ng	95
68) Hexachlorobenzene	10.980	284	137353	23.738	ng	# 83
69) Atrazine	11.063	200	124899	27.361	ng	92
70) Pentachlorophenol	11.168	266	156522	50.604	ng	95
71) Phenanthrene	11.392	178	1561860	63.318	ng	97
72) Anthracene	11.439	178	929779	37.739	ng	99
73) Carbazole	11.592	167	682061	29.747	ng	99
74) Di-n-butylphthalate	11.927	149	727747	28.750	ng	98
75) Fluoranthene	12.580	202	1805284	81.109	ng	96
77) Benzidine	12.698	184	378524	35.594	ng	97
78) Pyrene	12.810	202	1819710	61.637	ng	95
80) Butylbenzylphthalate	13.421	149	292392	30.898	ng	99
81) Benzo(a)anthracene	13.992	228	982139	52.092	ng	94
82) 3,3'-Dichlorobenzidine	13.951	252	176436	29.617	ng	99
83) Chrysene	14.027	228	925441	49.660	ng	98
84) Bis(2-ethylhexyl)phtha...	13.986	149	375599	36.476	ng	# 97
85) Di-n-octyl phthalate	14.592	149	565909	32.987	ng	# 91
87) Indeno(1,2,3-cd)pyrene	16.921	276	615693	33.954	ng	95
88) Benzo(b)fluoranthene	15.039	252	906049	67.550	ng	97
89) Benzo(k)fluoranthene	15.068	252	497847	36.151	ng	97
90) Benzo(a)pyrene	15.403	252	776180	65.345	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	357662	23.911	ng	98
92) Benzo(g,h,i)perylene	17.362	276	550352	36.029	ng	92

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

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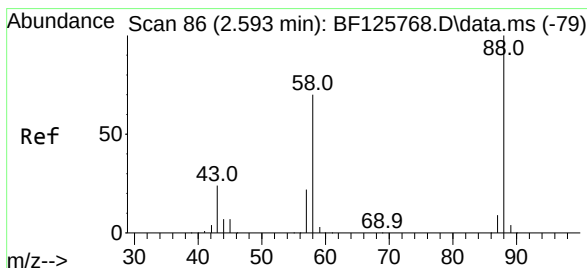
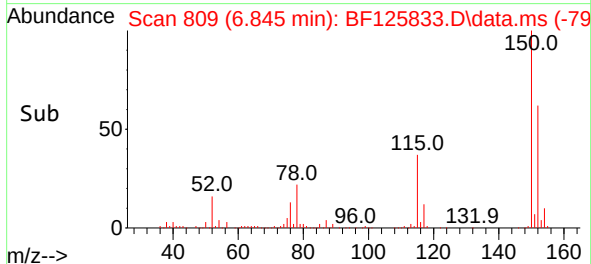
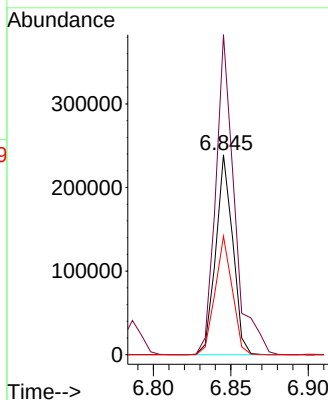
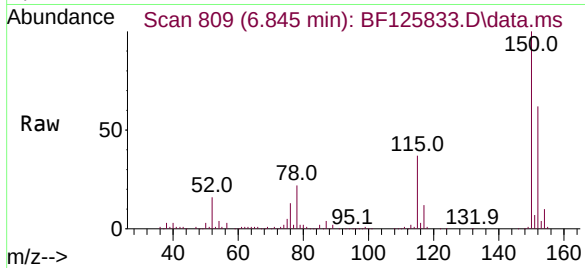




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 809
 Delta R.T. 0.000 min
 Lab File: BF125833.D
 Acq: 13 Oct 2021 18:49

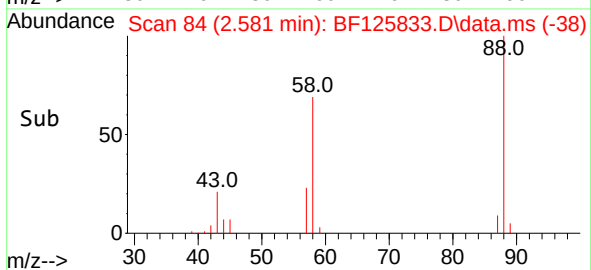
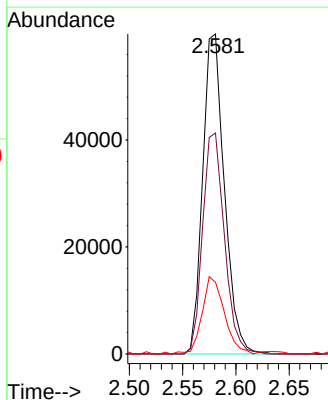
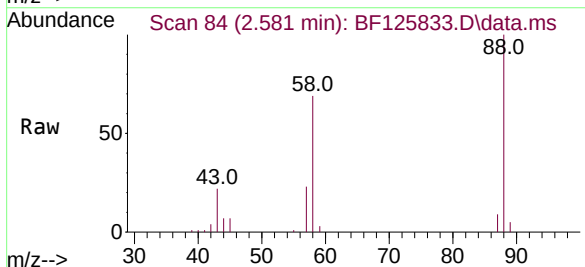
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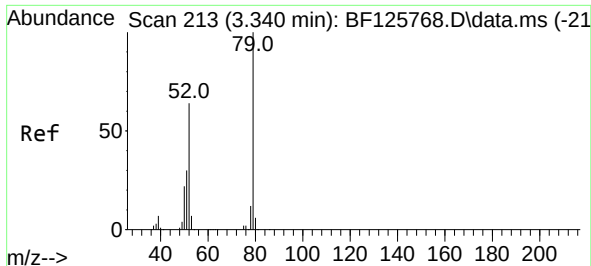
Tgt Ion:152 Resp: 182549
 Ion Ratio Lower Upper
 152 100
 150 160.2 117.6 176.4
 115 59.3 47.1 70.7



#2
 1,4-Dioxane
 Concen: 17.814 ng
 RT: 2.581 min Scan# 84
 Delta R.T. -0.030 min
 Lab File: BF125833.D
 Acq: 13 Oct 2021 18:49

Tgt Ion: 88 Resp: 84760
 Ion Ratio Lower Upper
 88 100
 58 69.3 0.0 0.0#
 43 24.8 0.0 0.0#

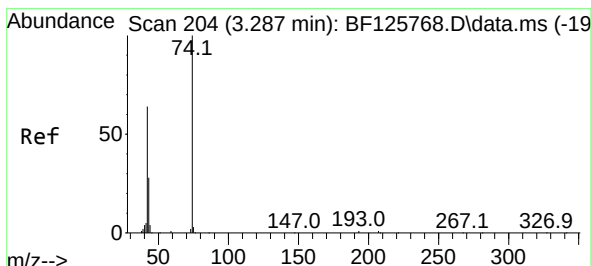
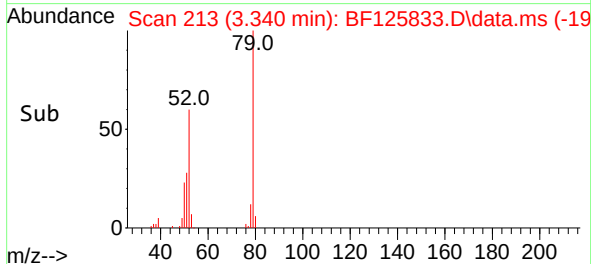
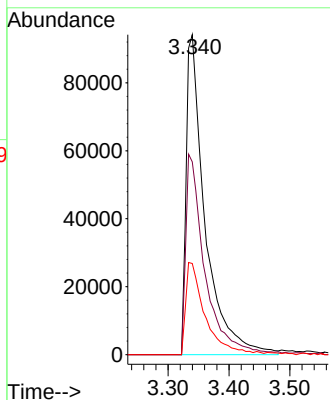
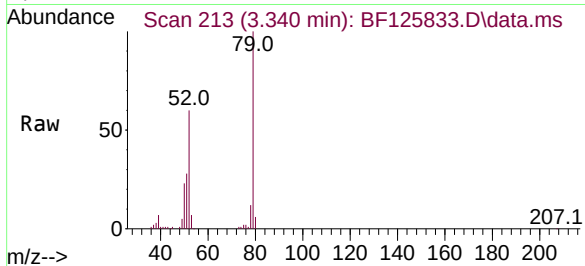




#3
Pyridine
Concen: 16.441 ng
RT: 3.340 min Scan# 213
Delta R.T. -0.018 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

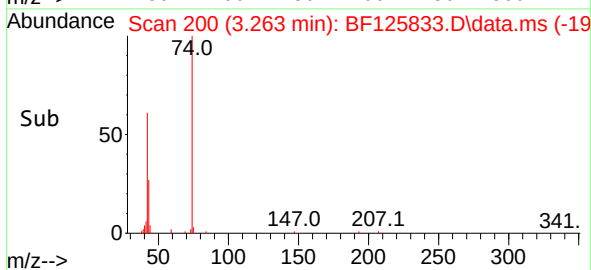
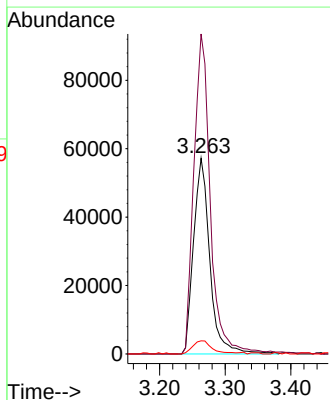
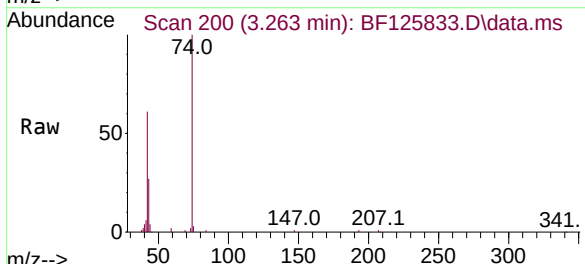
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ClientSampleId :
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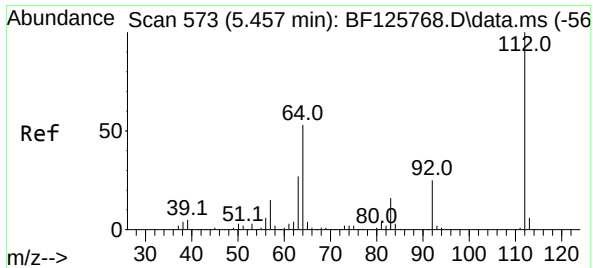
Tgt Ion: 79 Resp: 202387
Ion Ratio Lower Upper
79 100
52 60.3 70.3 105.5#
51 28.5 44.1 66.1#



#4
n-Nitrosodimethylamine
Concen: 22.365 ng
RT: 3.263 min Scan# 200
Delta R.T. -0.047 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion: 42 Resp: 99095
Ion Ratio Lower Upper
42 100
74 163.5 59.0 88.6#
44 6.7 0.0 0.0#

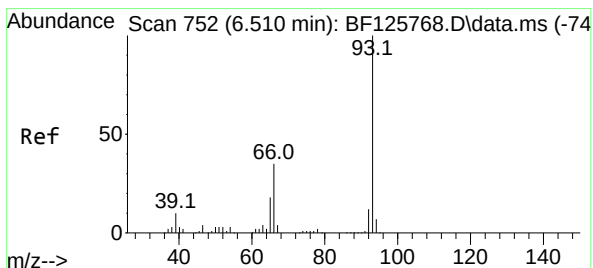
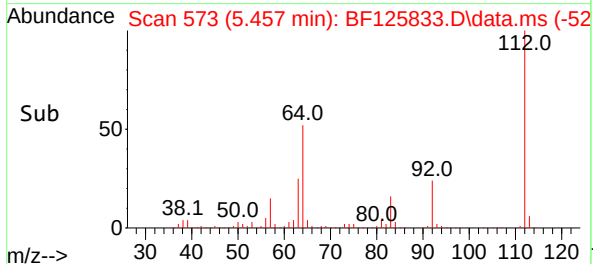
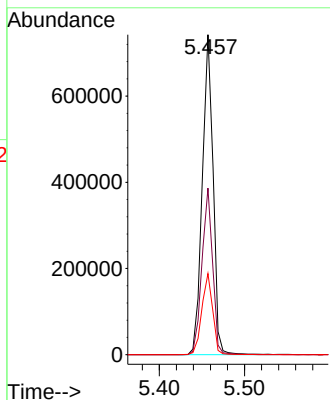
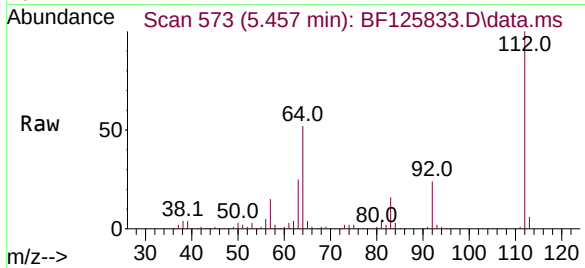




#5
2-Fluorophenol
Concen: 58.442 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

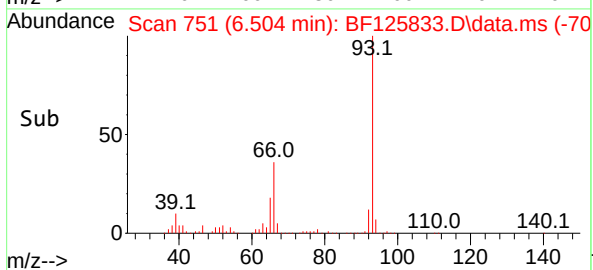
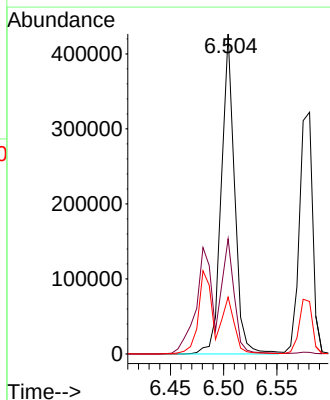
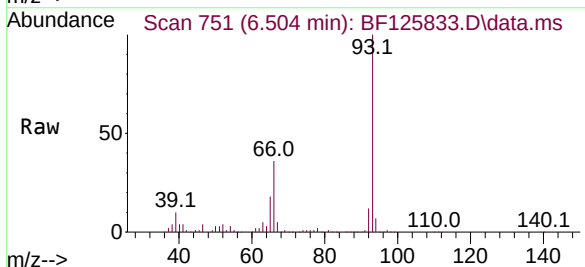
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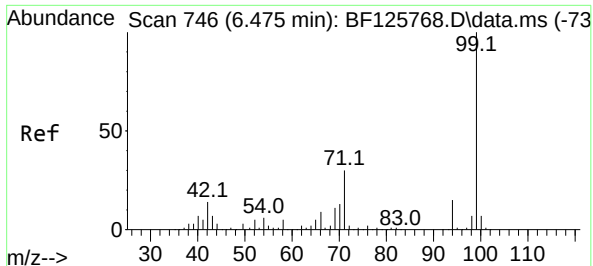
Tgt Ion:112 Resp: 653059
Ion Ratio Lower Upper
112 100
64 52.0 44.2 66.2
63 25.3 26.2 39.2#



#6
Aniline
Concen: 22.352 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion: 93 Resp: 370206
Ion Ratio Lower Upper
93 100
66 36.0 32.7 49.1
65 17.8 14.2 21.4

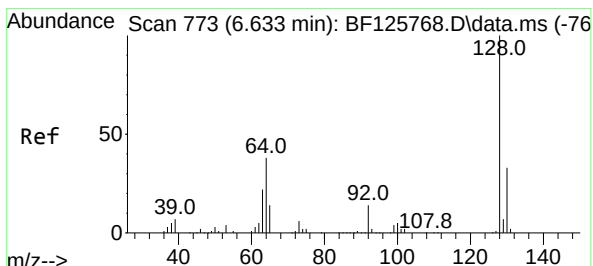
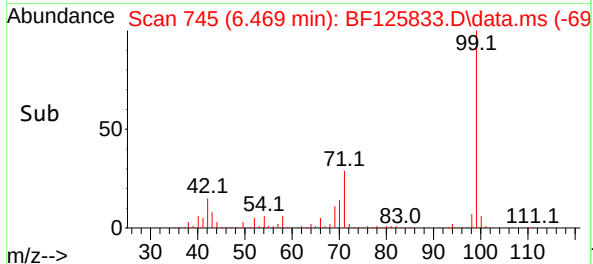
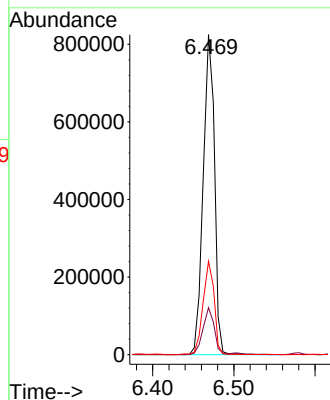
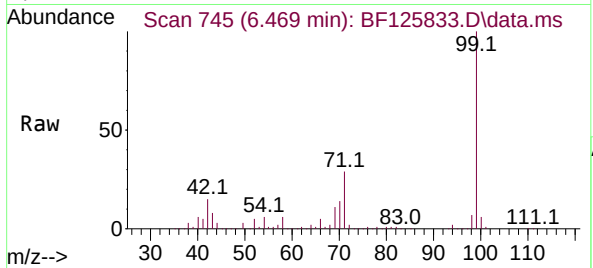




#7
Phenol-d6
Concen: 55.469 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

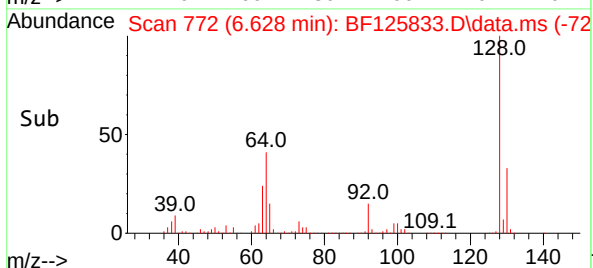
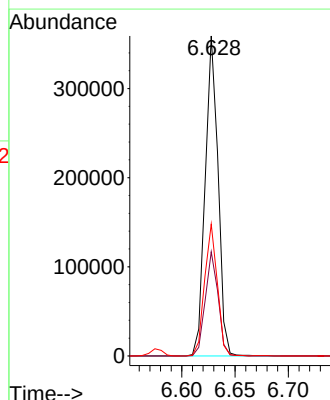
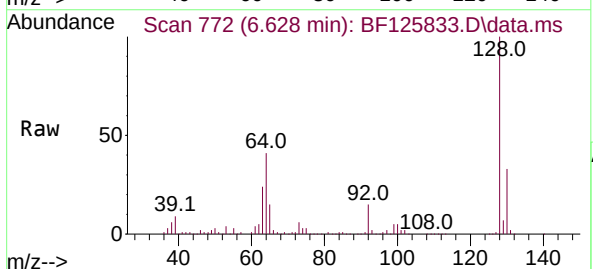
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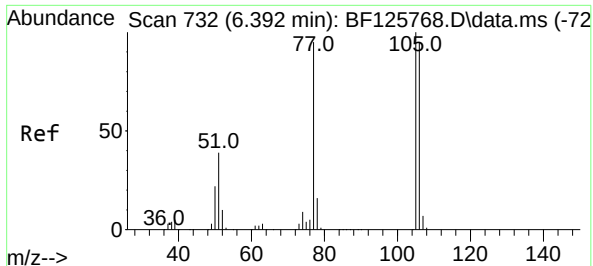
Tgt Ion: 99 Resp: 797929
Ion Ratio Lower Upper
99 100
42 14.7 23.5 35.3#
71 29.2 25.6 38.4



#8
2-Chlorophenol
Concen: 24.716 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF125833.D
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Tgt Ion:128 Resp: 302501
Ion Ratio Lower Upper
128 100
130 32.5 10.5 50.5
64 41.2 20.3 60.3

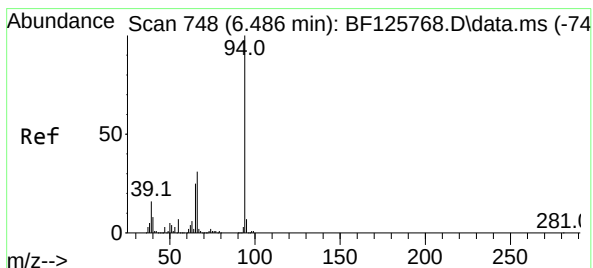
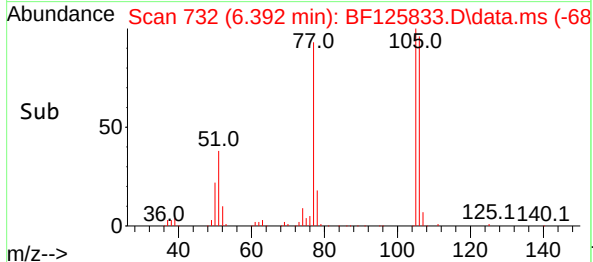
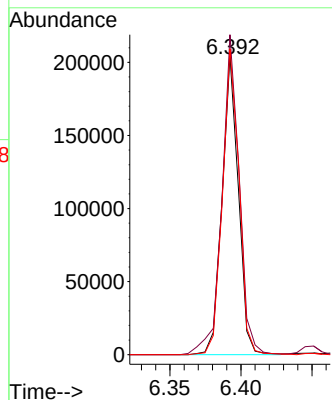
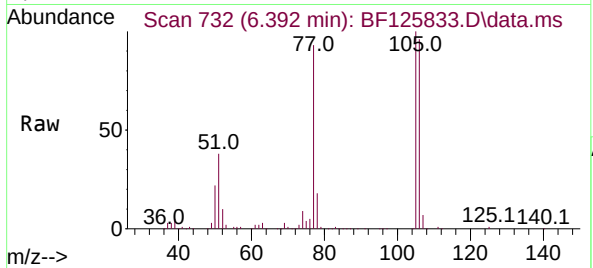




#9
Benzaldehyde
Concen: 20.732 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

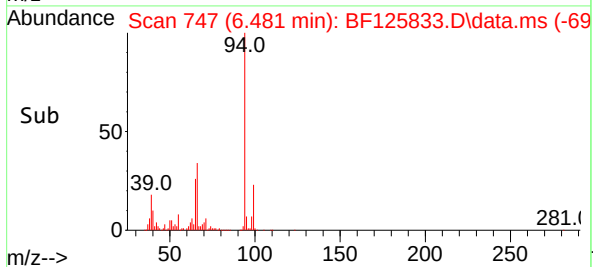
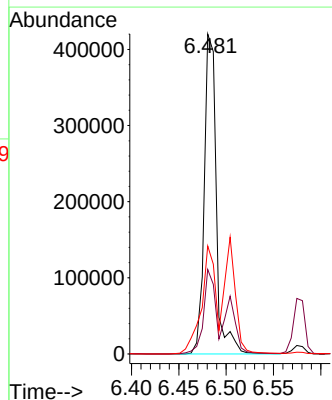
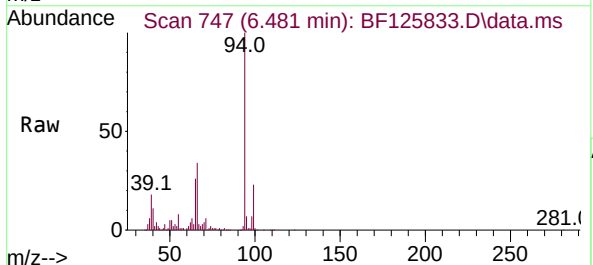
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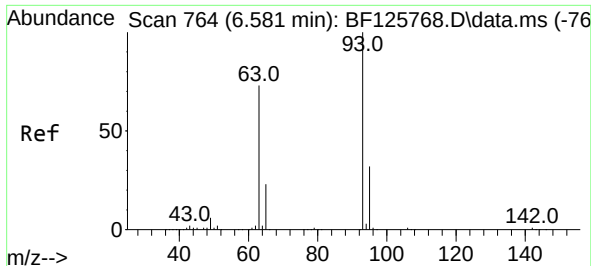
Tgt Ion: 77 Resp: 161855
Ion Ratio Lower Upper
77 100
105 107.0 75.9 115.9
106 102.3 84.0 124.0



#10
Phenol
Concen: 26.735 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF125833.D
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Tgt Ion: 94 Resp: 373989
Ion Ratio Lower Upper
94 100
65 26.4 9.3 49.3
66 33.8 20.3 60.3

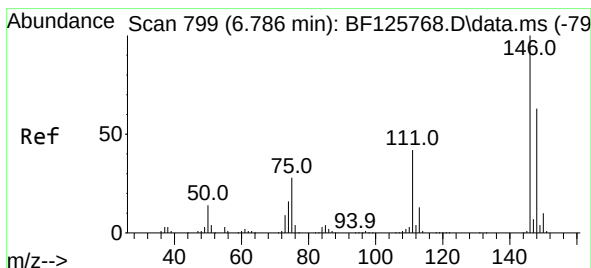
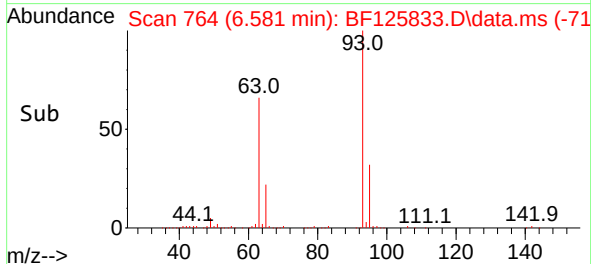
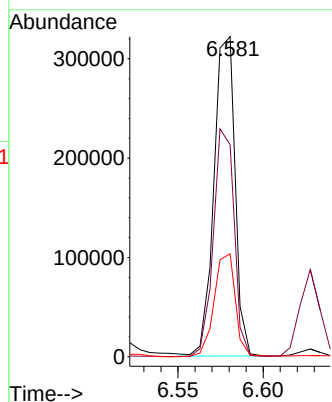
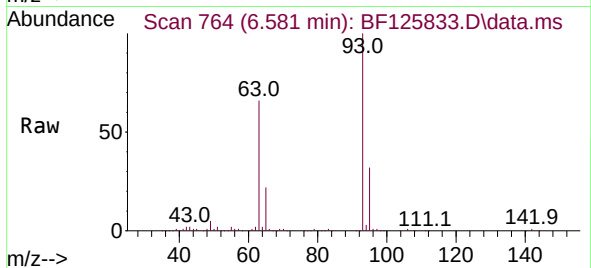




#11
bis(2-Chloroethyl)ether
Concen: 24.442 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

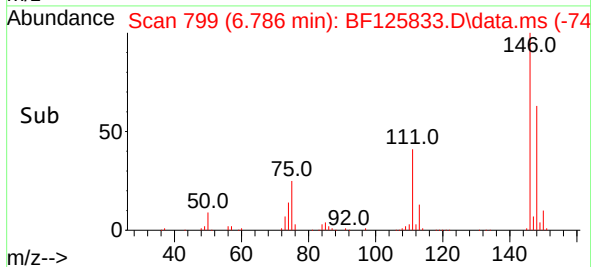
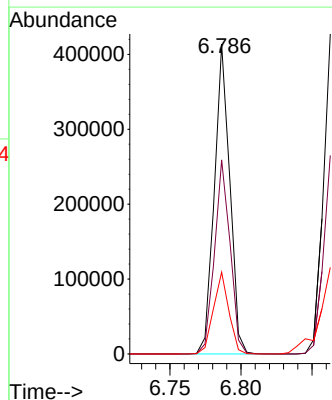
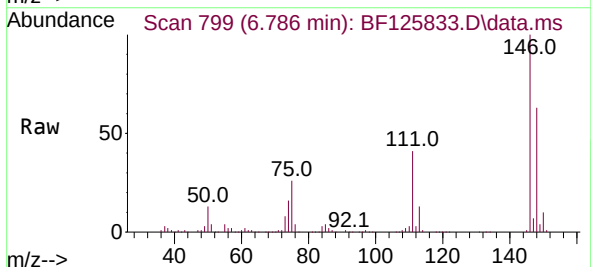
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

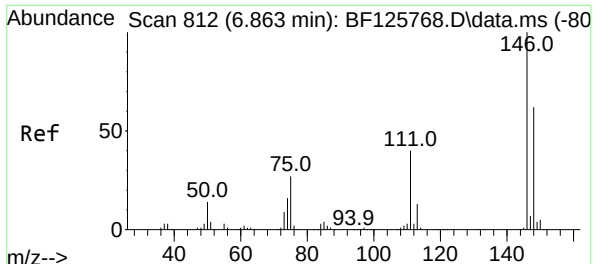
Tgt Ion: 93 Resp: 277036
Ion Ratio Lower Upper
93 100
63 66.2 54.4 94.4
95 32.1 11.4 51.4



#12
1,3-Dichlorobenzene
Concen: 23.374 ng
RT: 6.786 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:146 Resp: 312088
Ion Ratio Lower Upper
146 100
148 62.6 49.7 74.5
75 26.4 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 23.241 ng

RT: 6.863 min Scan# 812

Delta R.T. -0.000 min

Lab File: BF125833.D

Acq: 13 Oct 2021 18:49

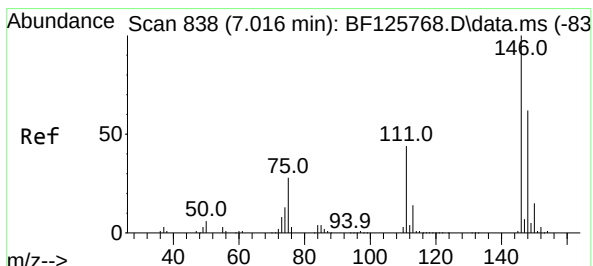
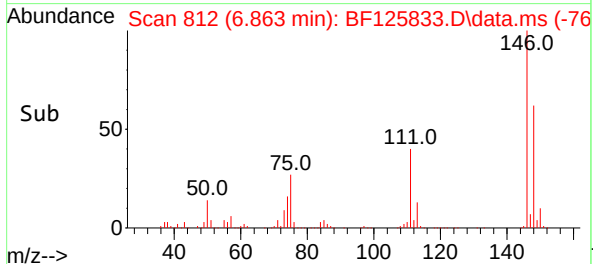
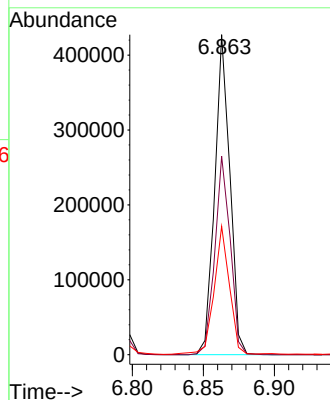
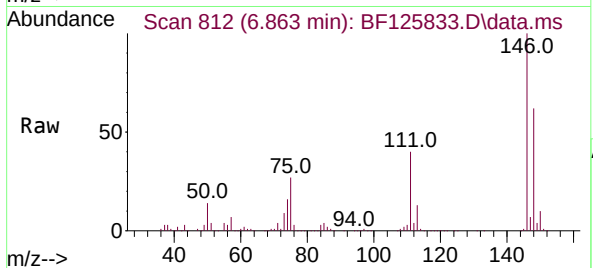
Tgt Ion:146 Resp: 316465

Ion Ratio Lower Upper

146 100

148 62.1 51.9 77.9

111 40.1 31.8 47.6



#14

1,2-Dichlorobenzene

Concen: 23.525 ng

RT: 7.016 min Scan# 838

Delta R.T. -0.006 min

Lab File: BF125833.D

Acq: 13 Oct 2021 18:49

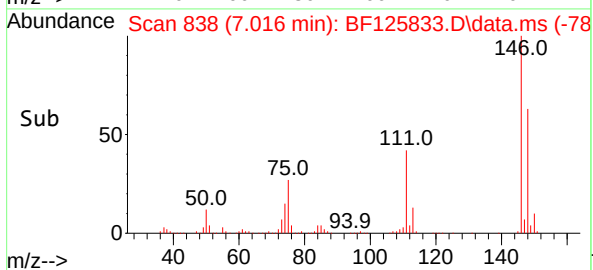
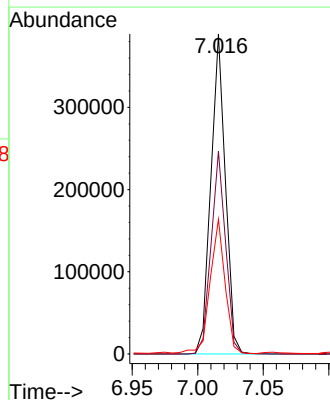
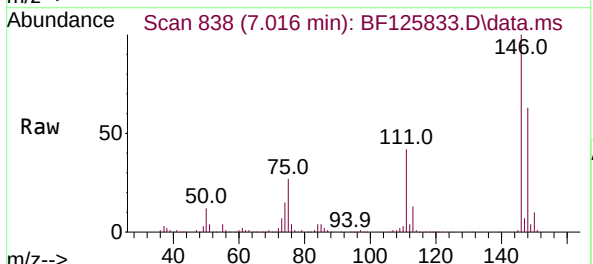
Tgt Ion:146 Resp: 300007

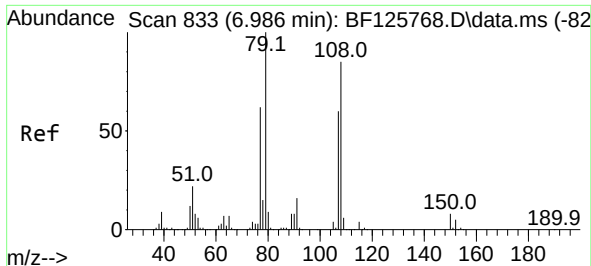
Ion Ratio Lower Upper

146 100

148 63.4 50.6 75.8

111 42.1 33.5 50.3

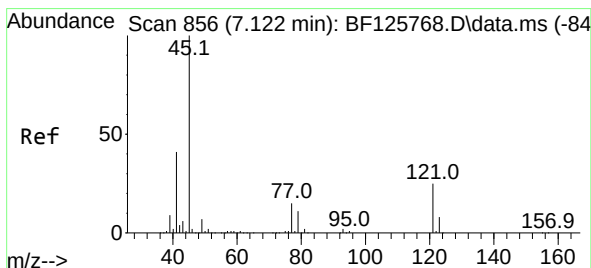
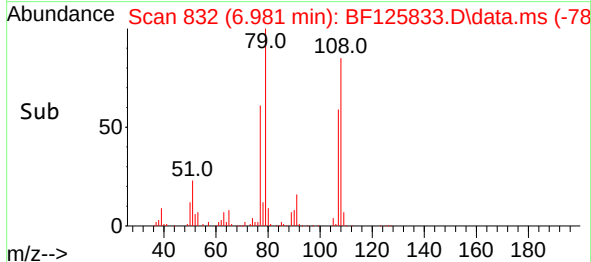
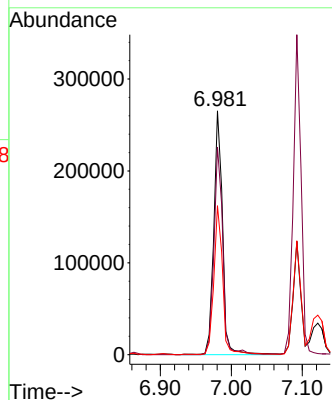
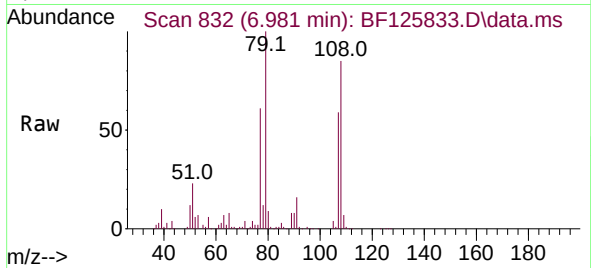




#15
Benzyl Alcohol
Concen: 23.903 ng
RT: 6.981 min Scan# 832
Delta R.T. -0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

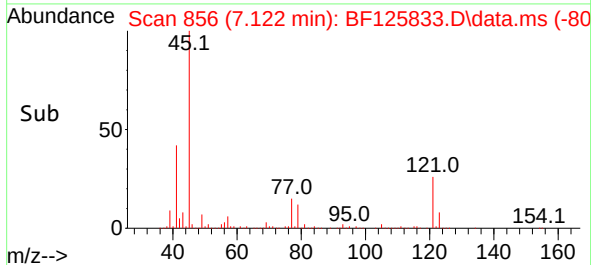
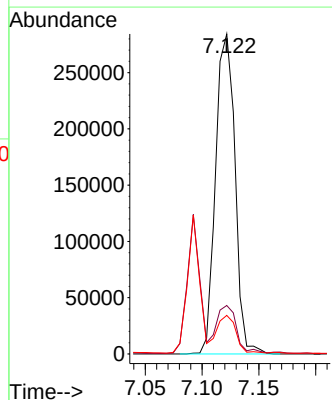
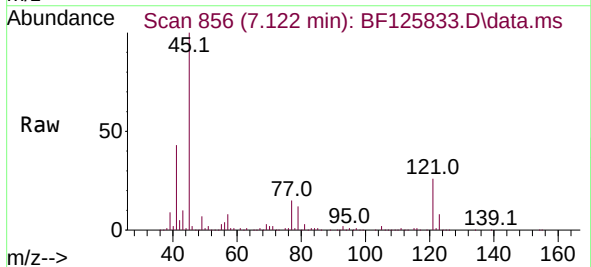
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

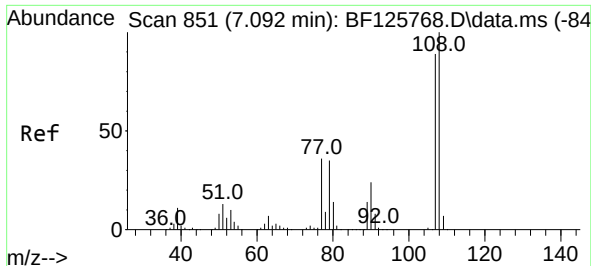
Tgt Ion: 79 Resp: 227882
Ion Ratio Lower Upper
79 100
108 85.2 60.4 90.6
77 61.1 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 23.300 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion: 45 Resp: 337741
Ion Ratio Lower Upper
45 100
77 15.1 0.0 30.6
79 12.0 0.0 27.5

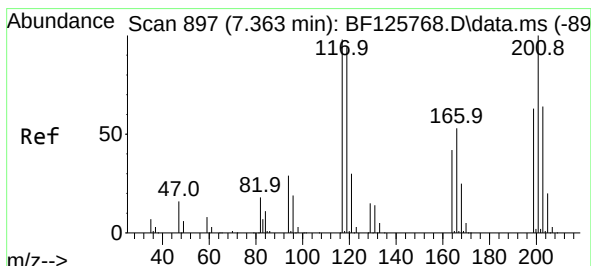
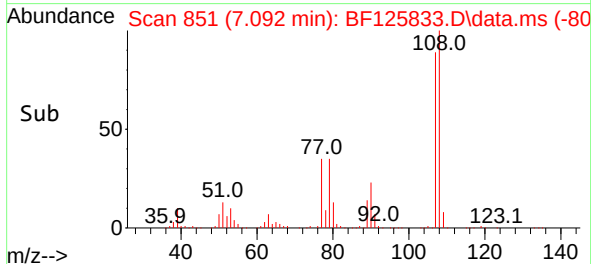
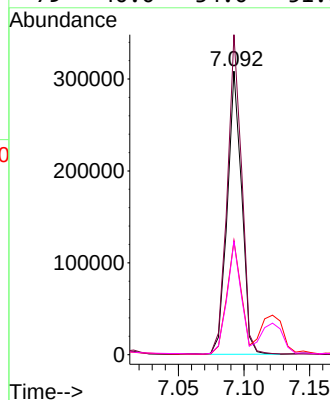
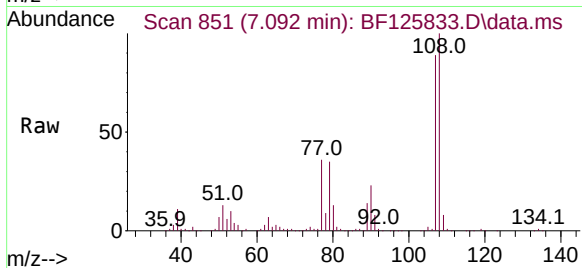




#17
2-Methylphenol
Concen: 24.177 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

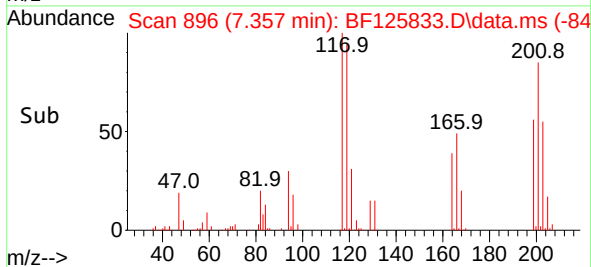
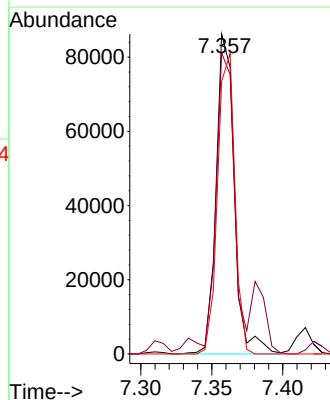
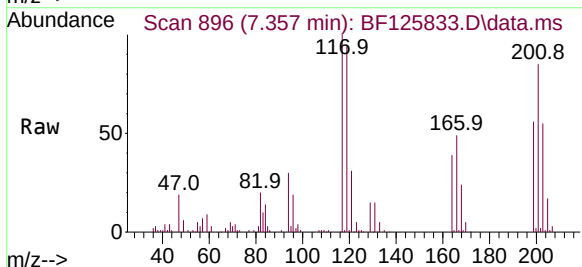
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

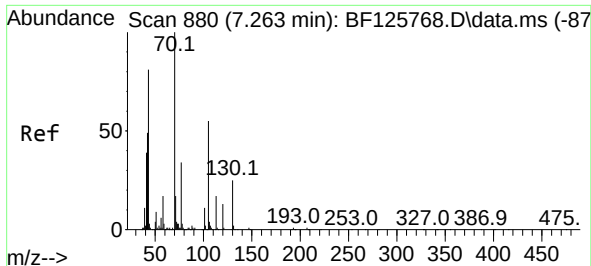
Tgt Ion:	107	Resp:	235566
Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.6	135.8
77	40.2	35.7	53.5
79	40.0	34.0	51.0



#18
Hexachloroethane
Concen: 16.393 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:	117	Resp:	76866
Ion	Ratio	Lower	Upper
117	100		
119	94.0	73.4	110.2
201	85.2	64.9	97.3

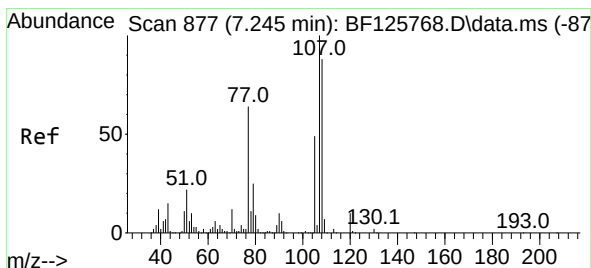
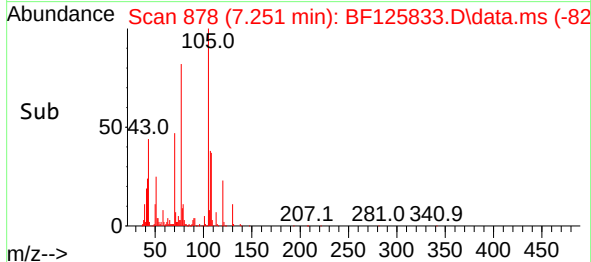
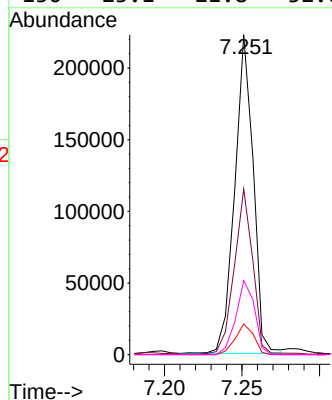
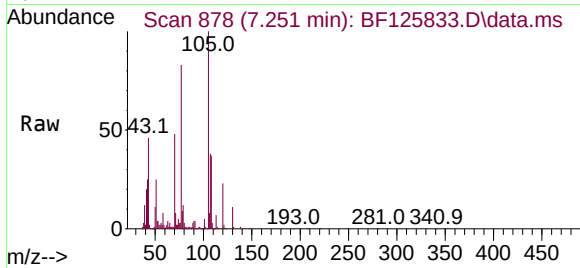




#19
n-Nitroso-di-n-propylamine
Concen: 24.231 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

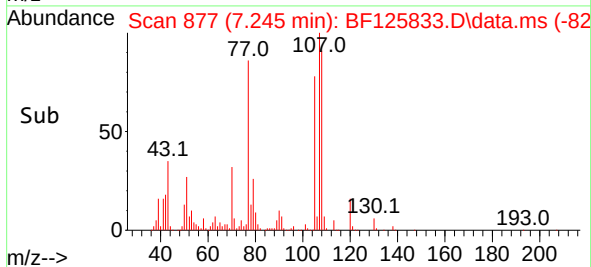
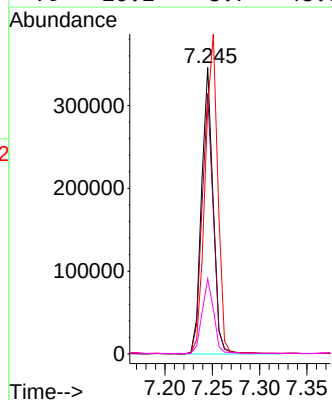
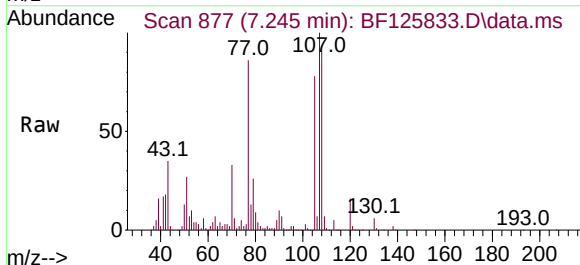
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

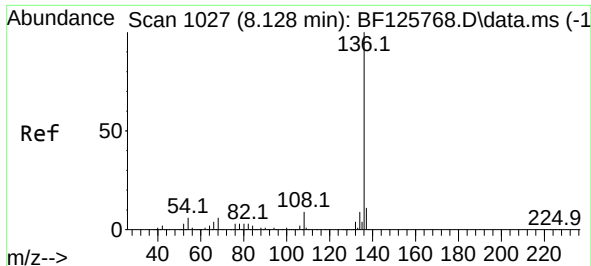
Tgt Ion: 70 Resp: 184005
Ion Ratio Lower Upper
70 100
42 51.8 72.2 108.2#
101 9.6 7.8 11.8
130 23.1 21.8 32.6



#20
3+4-Methylphenols
Concen: 24.464 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

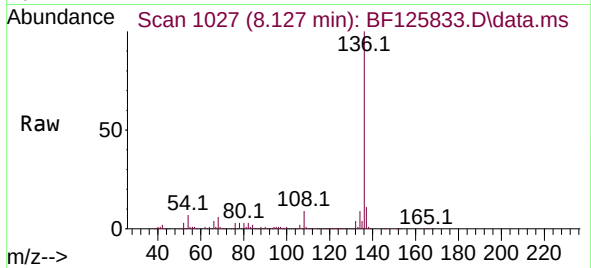
Tgt Ion: 107 Resp: 293964
Ion Ratio Lower Upper
107 100
108 90.9 76.6 116.6
77 86.2 53.3 93.3
79 26.2 8.7 48.7



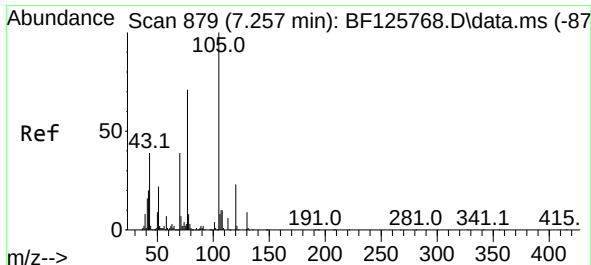
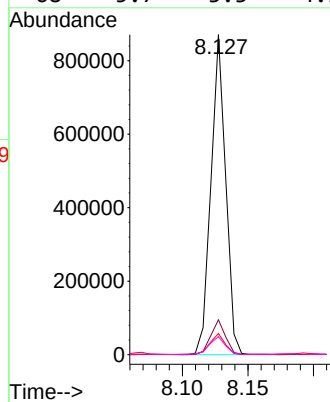
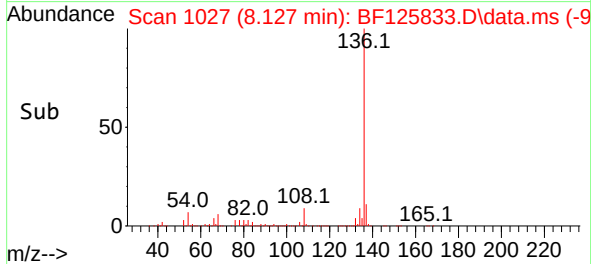


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.127 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

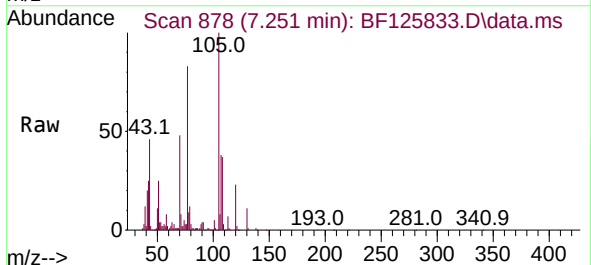
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD



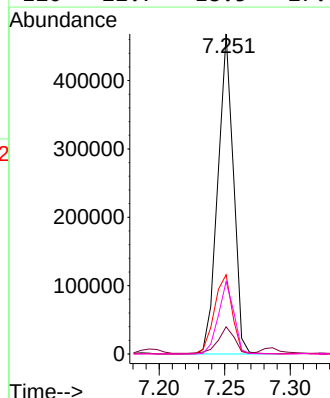
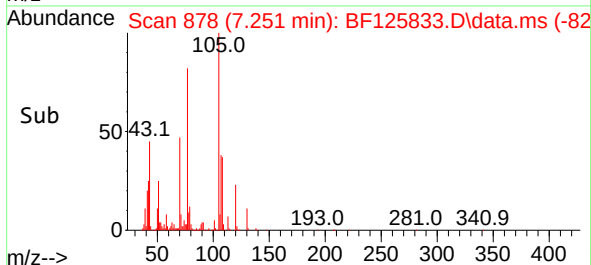
Tgt Ion:136 Resp: 681482
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 6.6 6.4 9.6
68 5.7 3.3 4.9#

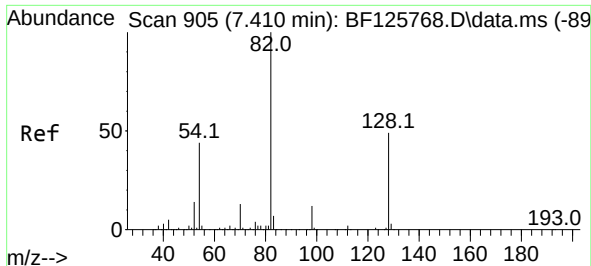


#22
Acetophenone
Concen: 25.801 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49



Tgt Ion:105 Resp: 386525
Ion Ratio Lower Upper
105 100
71 8.5 5.5 8.3#
51 24.8 26.0 39.0#
120 22.7 18.5 27.7





#23

Nitrobenzene-d5

Concen: 40.406 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF125833.D

Acq: 13 Oct 2021 18:49

Tgt Ion: 82 Resp: 442981

Ion Ratio Lower Upper

82 100

128 49.1 40.6 60.8

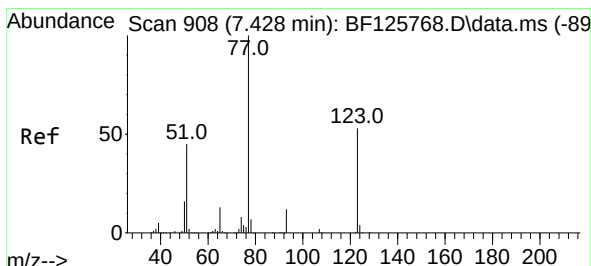
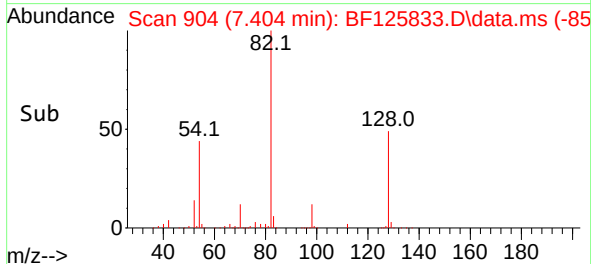
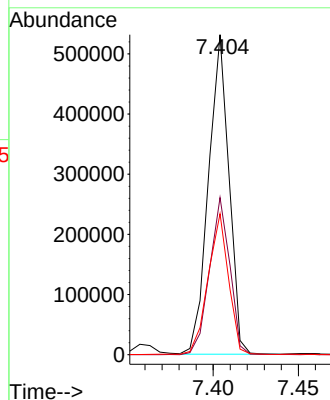
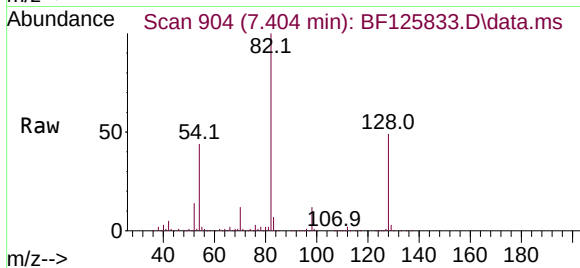
54 44.1 49.6 74.4#

Instrument :

BNA_F

ClientSampleId :

CL-02-101221MSD



#24

Nitrobenzene

Concen: 25.470 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF125833.D

Acq: 13 Oct 2021 18:49

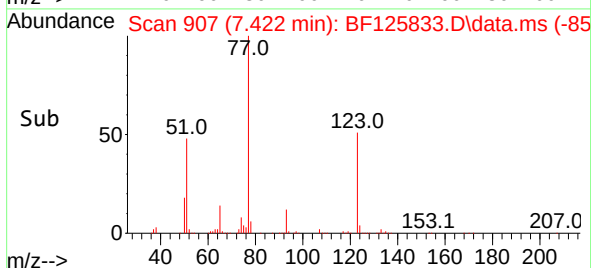
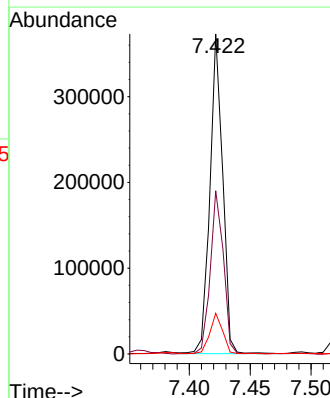
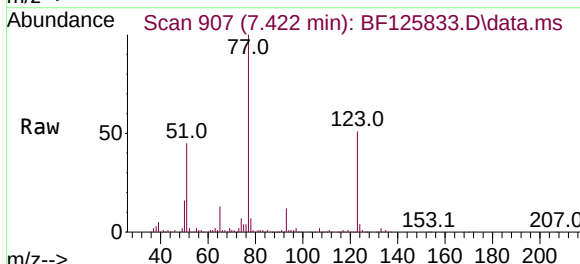
Tgt Ion: 77 Resp: 270617

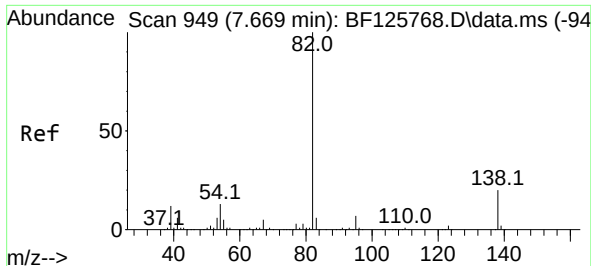
Ion Ratio Lower Upper

77 100

123 51.0 42.3 63.5

65 12.7 12.4 18.6

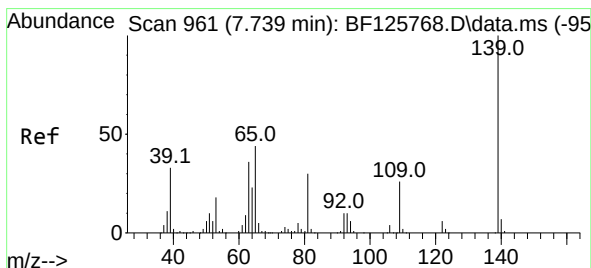
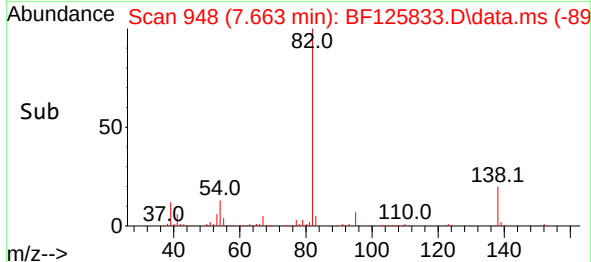
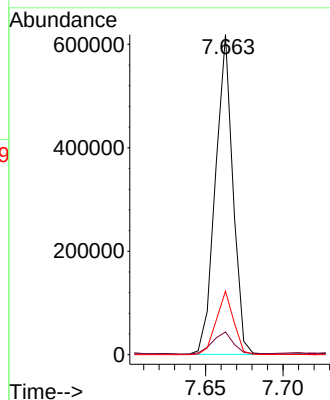
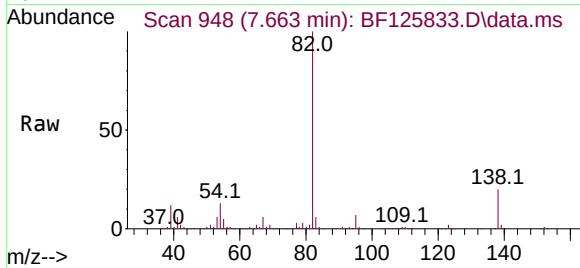




#25
Isophorone
Concen: 24.923 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

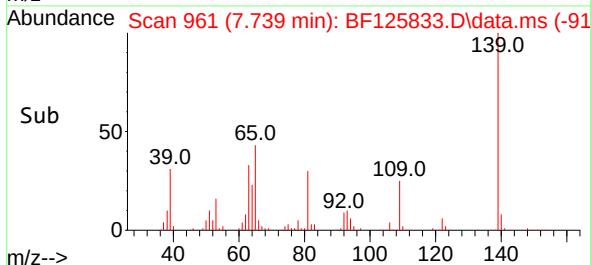
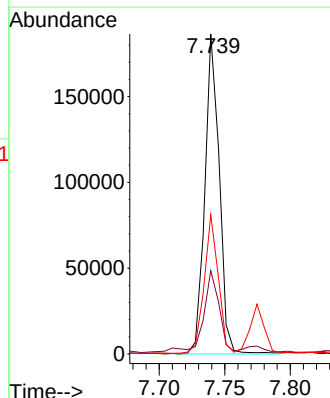
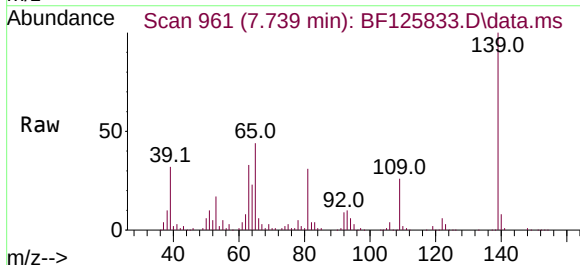
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

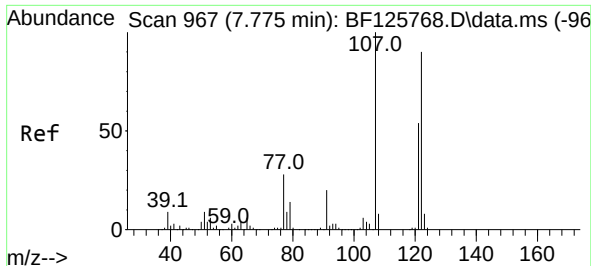
Tgt Ion: 82 Resp: 484077
Ion Ratio Lower Upper
82 100
95 7.1 6.5 9.7
138 19.9 18.4 27.6



#26
2-Nitrophenol
Concen: 26.706 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:139 Resp: 143488
Ion Ratio Lower Upper
139 100
109 26.0 26.0 39.0
65 43.6 31.0 46.4

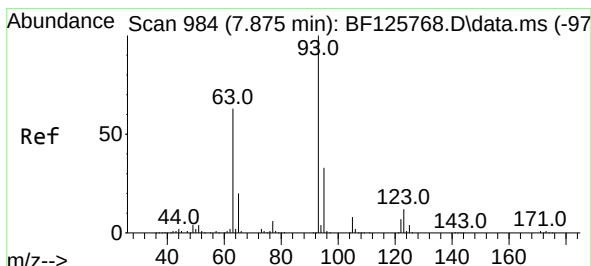
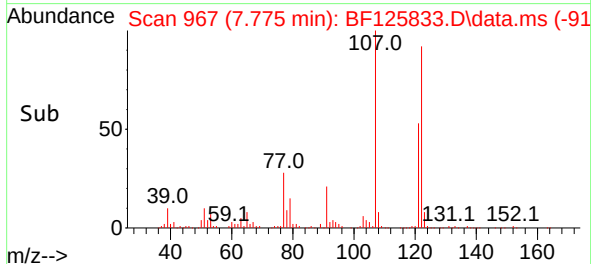
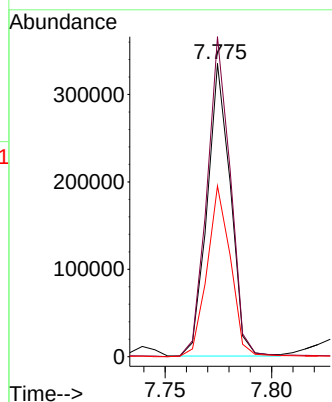
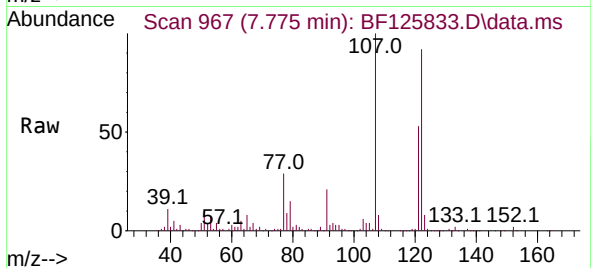




#27
2,4-Dimethylphenol
Concen: 28.359 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

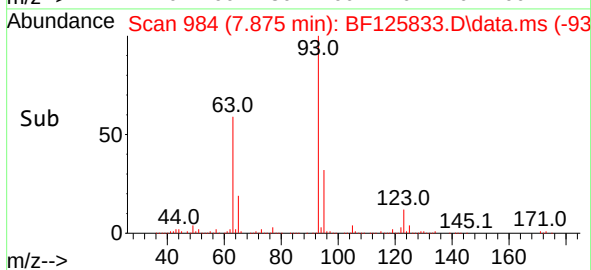
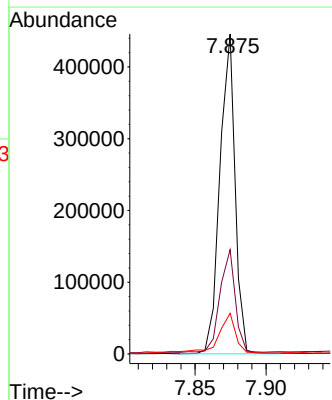
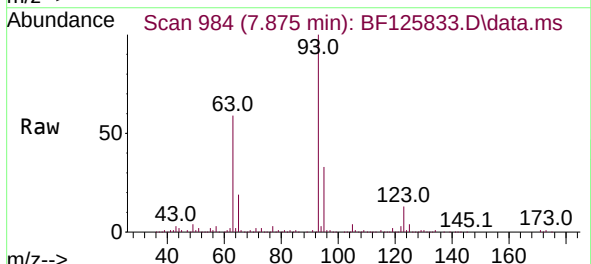
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

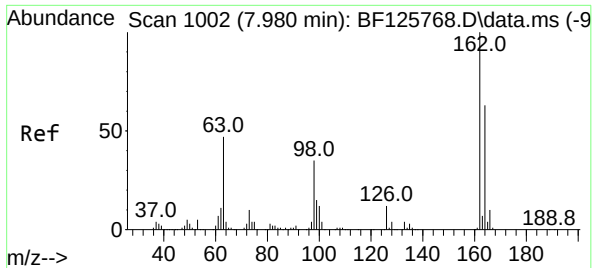
Tgt Ion:122 Resp: 253737
Ion Ratio Lower Upper
122 100
107 109.2 85.0 127.6
121 58.2 43.3 64.9



#28
bis(2-Chloroethoxy)methane
Concen: 24.494 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion: 93 Resp: 330219
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 12.7 11.7 17.5

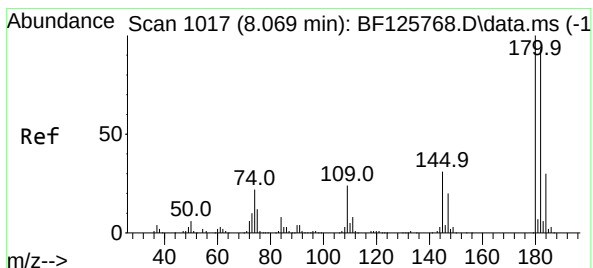
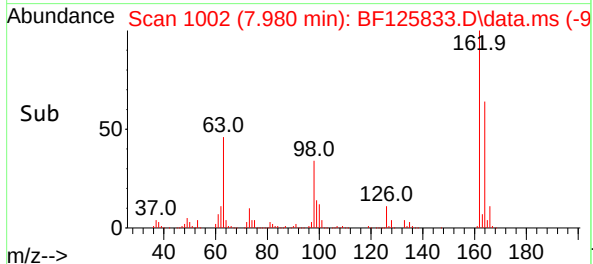
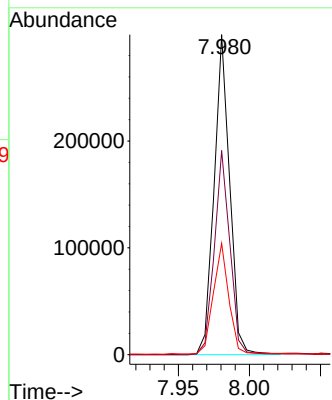
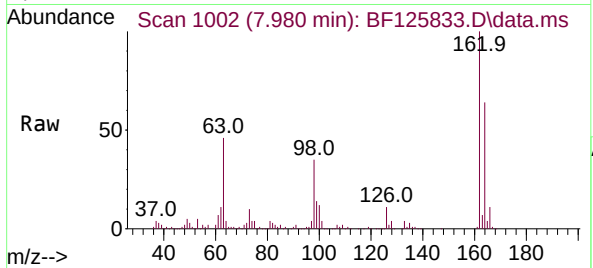




#29
2,4-Dichlorophenol
Concen: 23.833 ng
RT: 7.980 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

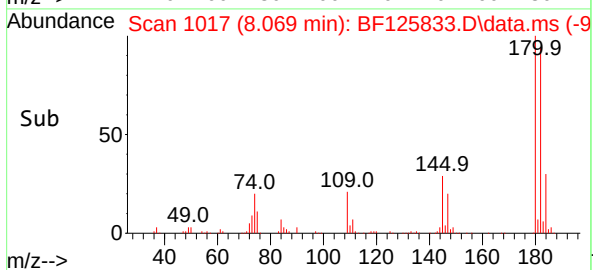
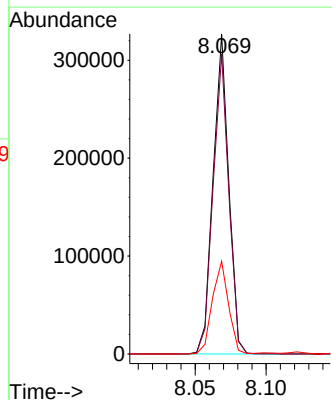
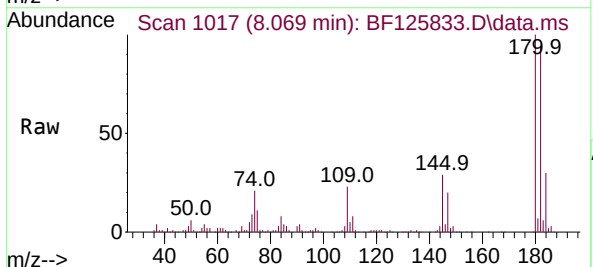
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

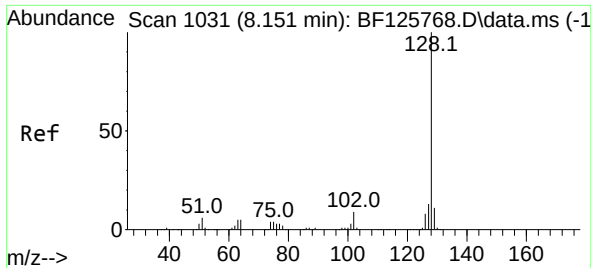
Tgt Ion:162 Resp: 229712
Ion Ratio Lower Upper
162 100
164 63.8 44.5 84.5
98 34.8 13.0 53.0



#30
1,2,4-Trichlorobenzene
Concen: 23.593 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:180 Resp: 249365
Ion Ratio Lower Upper
180 100
182 93.8 76.8 115.2
145 29.0 26.7 40.1

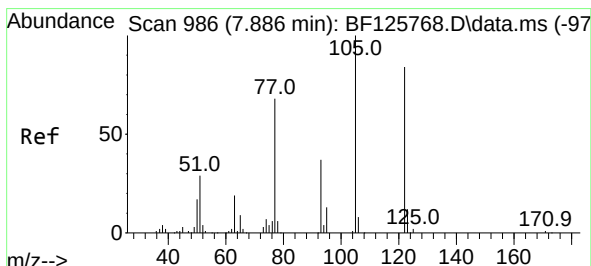
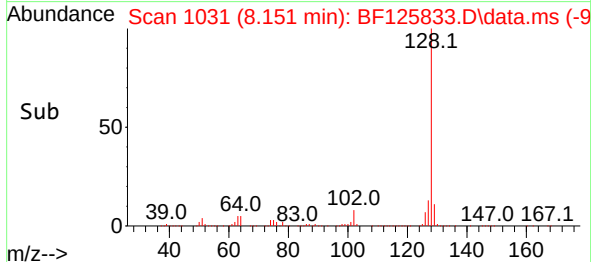
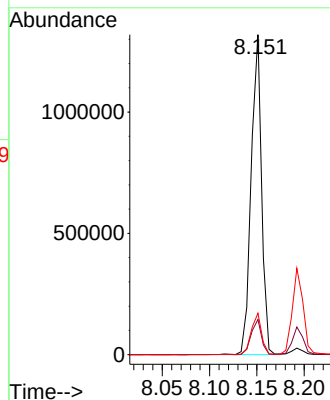
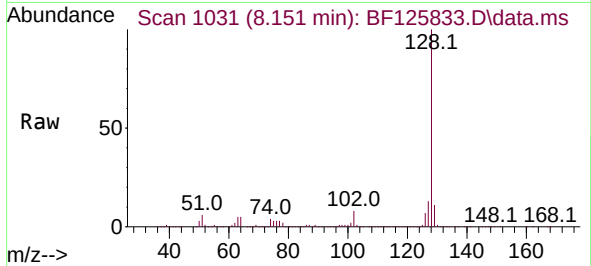




#31
Naphthalene
Concen: 30.698 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

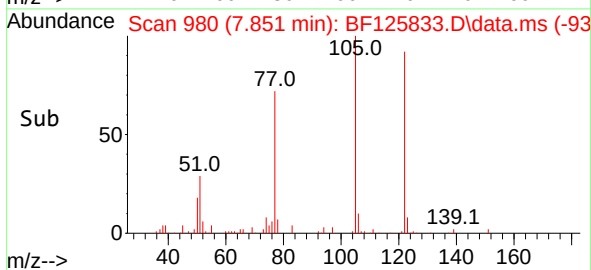
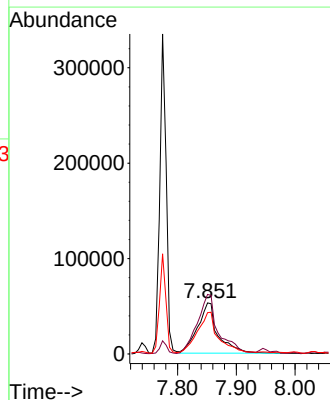
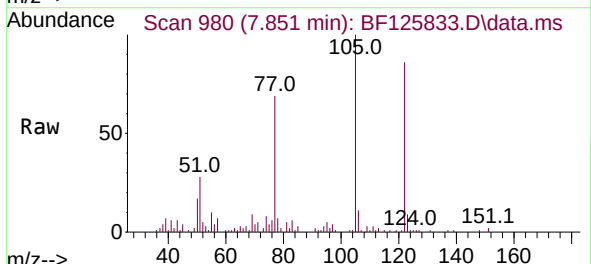
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

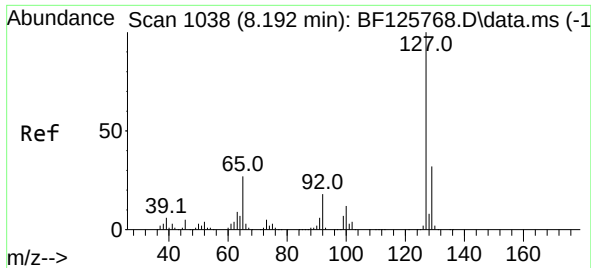
Tgt Ion:128 Resp: 1011498
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 12.9 10.9 16.3



#32
Benzoic acid
Concen: 19.961 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.047 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:122 Resp: 125587
Ion Ratio Lower Upper
122 100
105 116.9 97.6 137.6
77 80.9 59.6 99.6

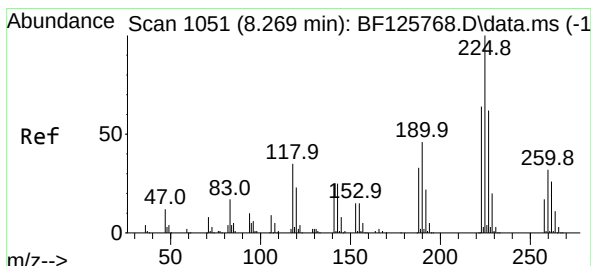
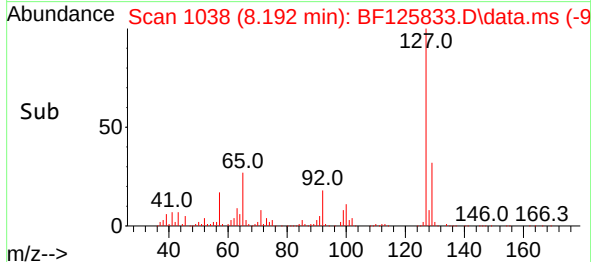
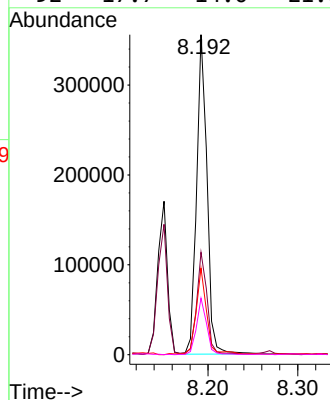
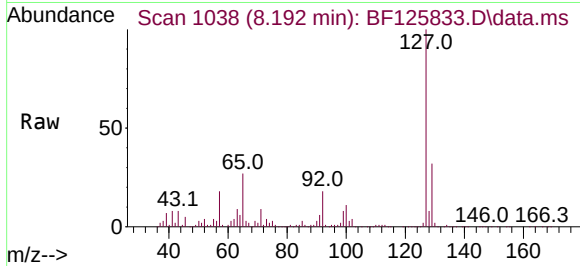




#33
4-Chloroaniline
Concen: 20.797 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

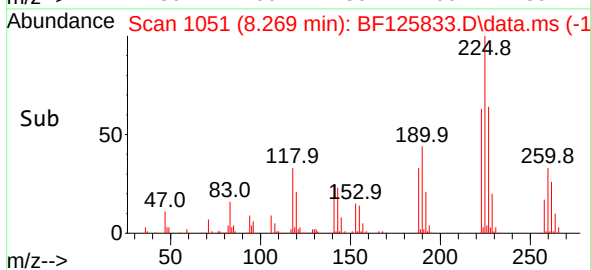
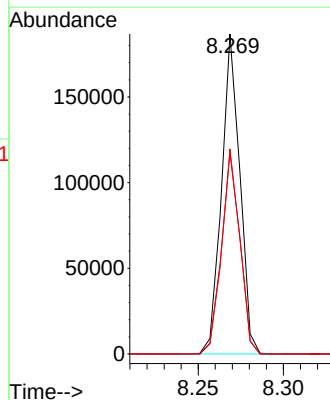
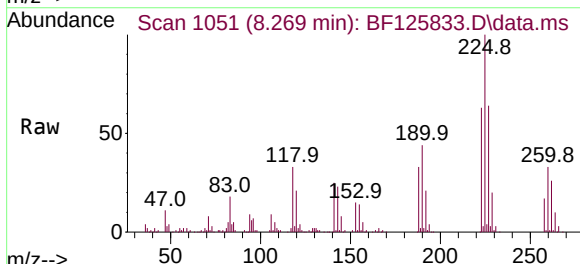
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

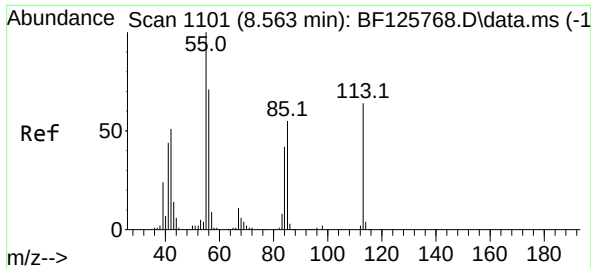
Tgt Ion:	127	Resp:	286788
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.7	38.5
65	27.0	21.2	31.8
92	17.7	14.0	21.0



#34
Hexachlorobutadiene
Concen: 23.542 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:	225	Resp:	138988
Ion Ratio	Lower	Upper	
225	100		
223	62.9	50.6	76.0
227	64.1	50.6	75.8

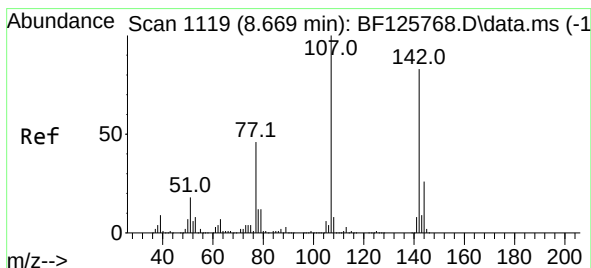
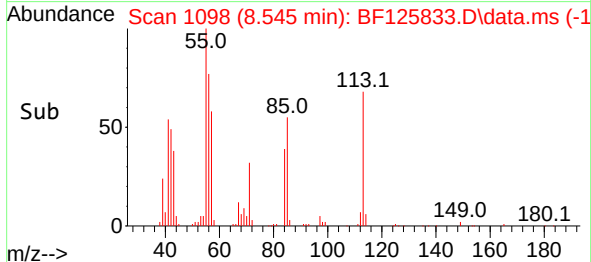
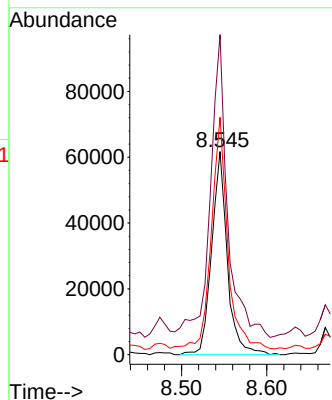
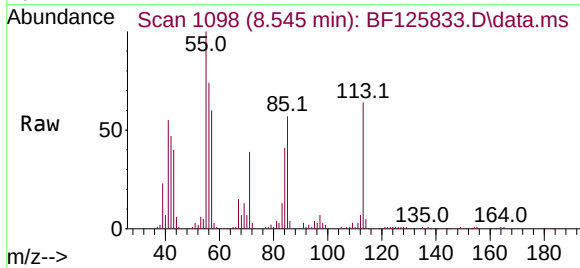




#35
 Caprolactam
 Concen: 28.321 ng
 RT: 8.545 min Scan# 1098
 Delta R.T. -0.030 min
 Lab File: BF125833.D
 Acq: 13 Oct 2021 18:49

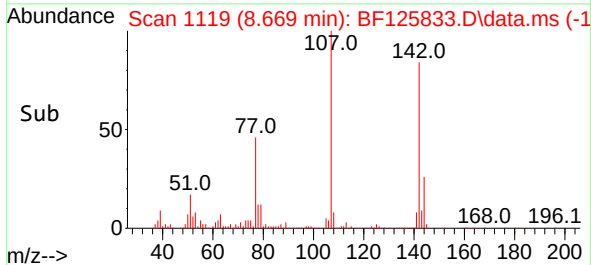
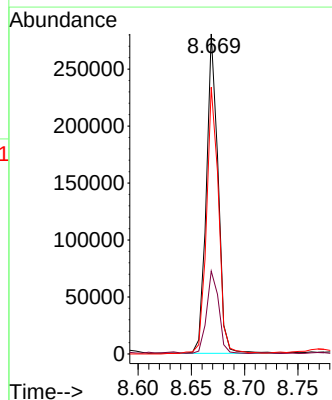
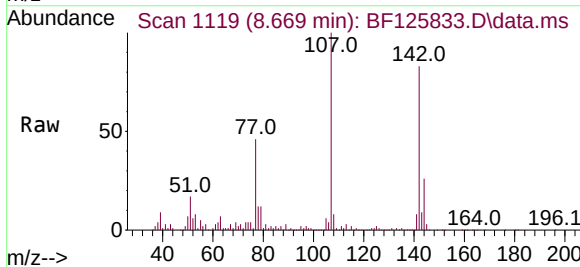
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101221MSD

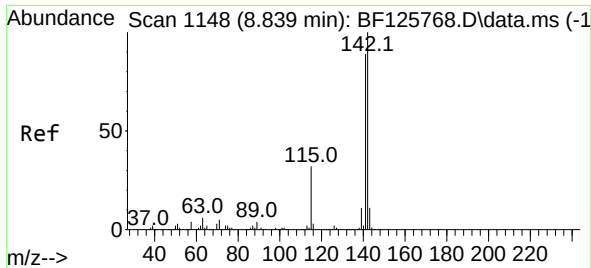
Tgt Ion:	113	Resp:	78871
Ion	Ratio	Lower	Upper
113	100		
55	157.4	154.1	194.1
56	116.8	108.7	148.7



#36
 4-Chloro-3-methylphenol
 Concen: 22.840 ng
 RT: 8.669 min Scan# 1119
 Delta R.T. -0.006 min
 Lab File: BF125833.D
 Acq: 13 Oct 2021 18:49

Tgt Ion:	107	Resp:	215077
Ion	Ratio	Lower	Upper
107	100		
144	25.9	21.9	32.9
142	83.4	67.1	100.7

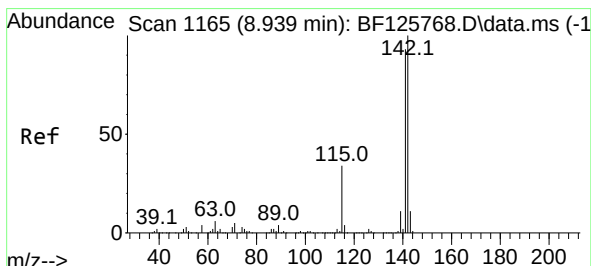
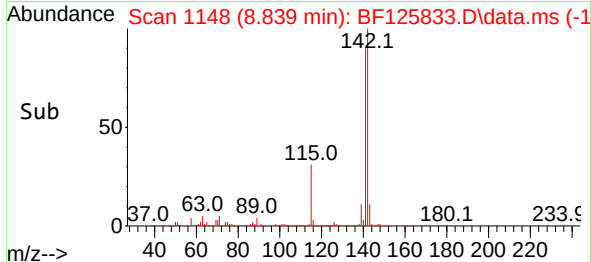
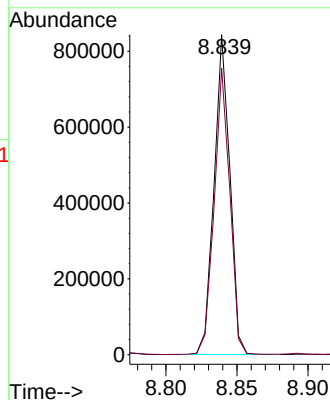
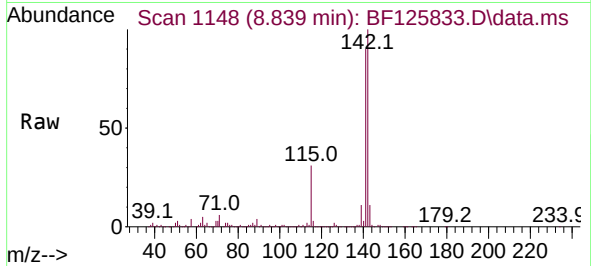




#37
2-Methylnaphthalene
Concen: 30.608 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

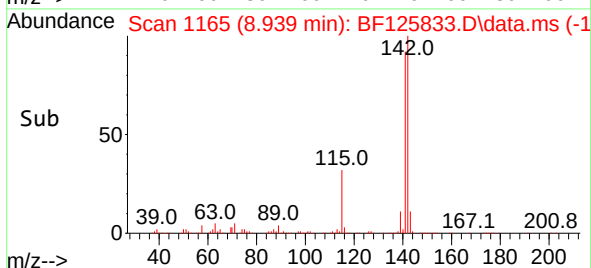
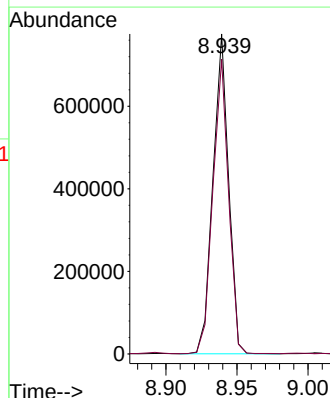
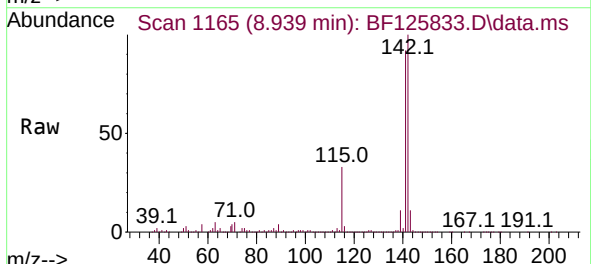
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

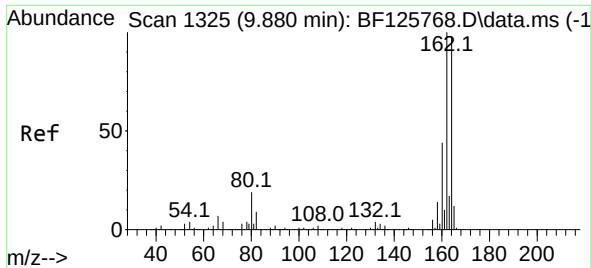
Tgt Ion:142 Resp: 653160
Ion Ratio Lower Upper
142 100
141 89.5 71.2 106.8



#38
1-Methylnaphthalene
Concen: 28.557 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:142 Resp: 591337
Ion Ratio Lower Upper
142 100
141 92.2 76.0 114.0

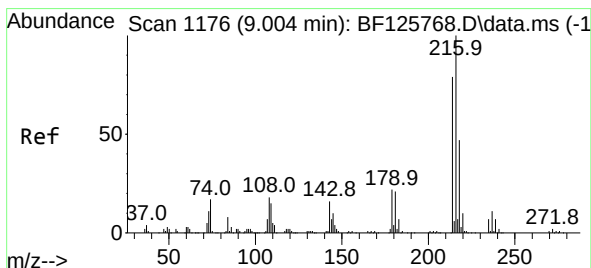
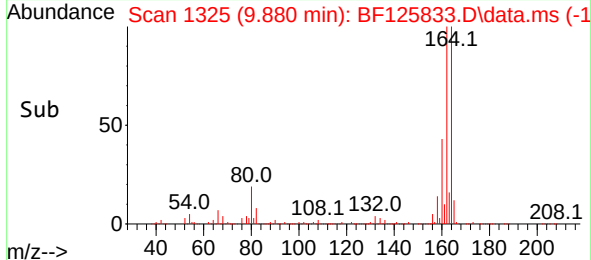
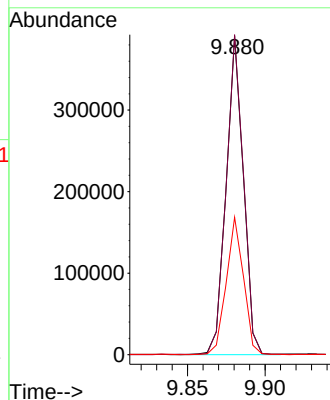
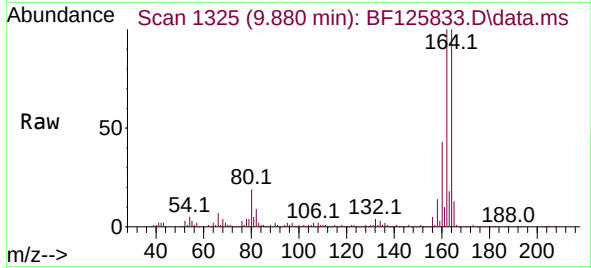




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

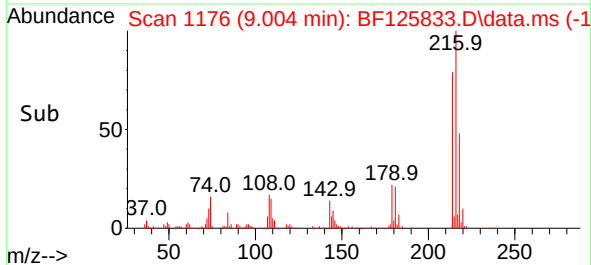
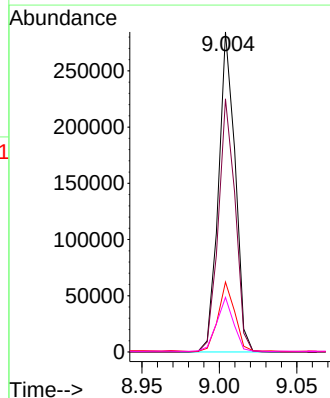
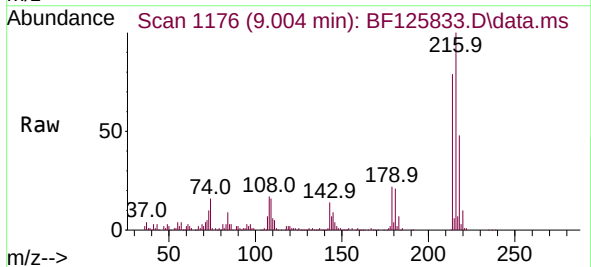
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

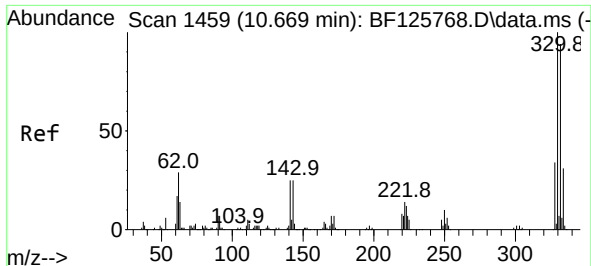
Tgt Ion:	164	Resp:	302993
Ion Ratio	Lower	Upper	
164	100		
162	100.5	81.3	121.9
160	43.1	38.0	57.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 26.174 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:	216	Resp:	212849
Ion Ratio	Lower	Upper	
216	100		
214	79.6	64.9	97.3
179	21.9	17.4	26.2
108	17.2	16.5	24.7

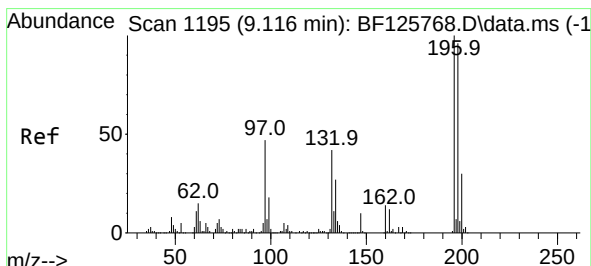
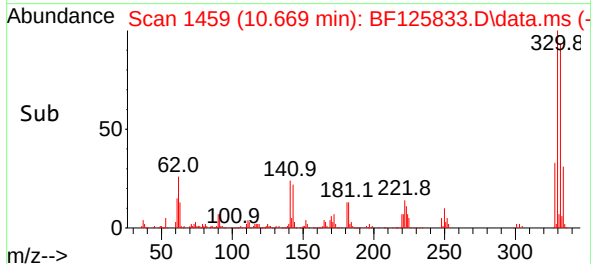
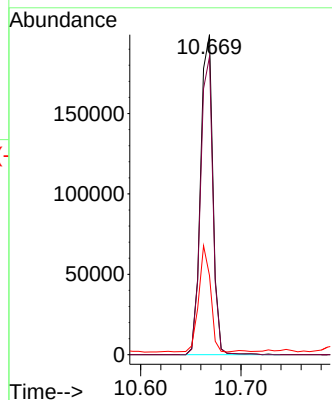
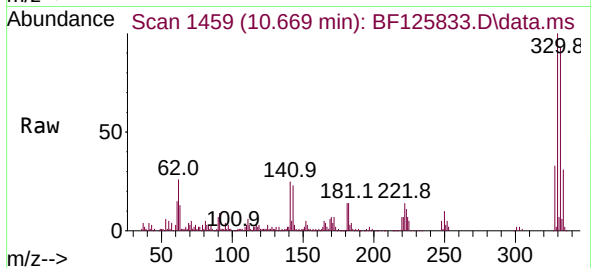




#42
 2,4,6-Tribromophenol
 Concen: 56.920 ng
 RT: 10.669 min Scan# 1459
 Delta R.T. -0.000 min
 Lab File: BF125833.D
 Acq: 13 Oct 2021 18:49

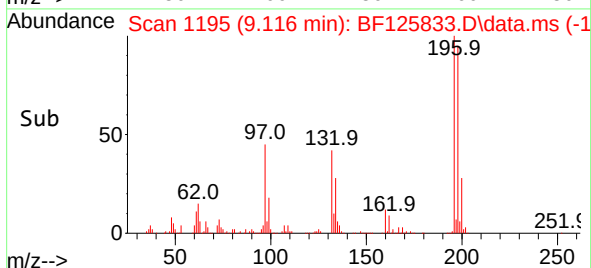
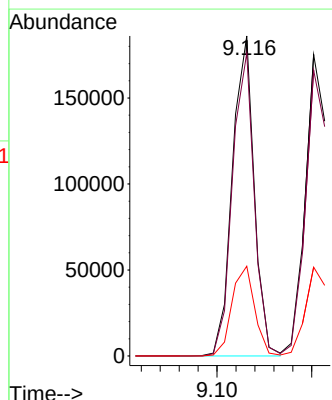
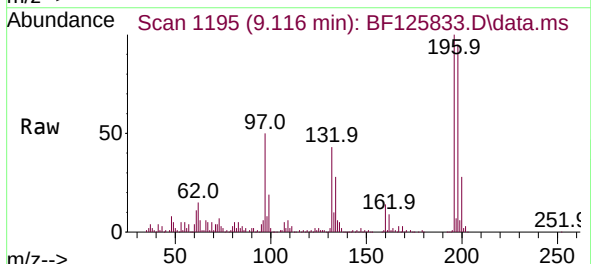
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101221MSD

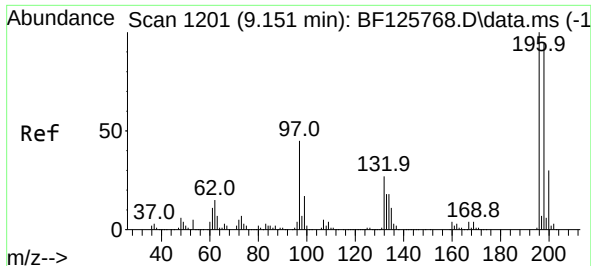
Tgt Ion:330 Resp: 170275
 Ion Ratio Lower Upper
 330 100
 332 93.7 76.2 114.4
 141 31.5 44.6 66.8#



#43
 2,4,6-Trichlorophenol
 Concen: 25.156 ng
 RT: 9.116 min Scan# 1195
 Delta R.T. -0.000 min
 Lab File: BF125833.D
 Acq: 13 Oct 2021 18:49

Tgt Ion:196 Resp: 148267
 Ion Ratio Lower Upper
 196 100
 198 94.7 74.9 112.3
 200 28.0 27.0 40.4

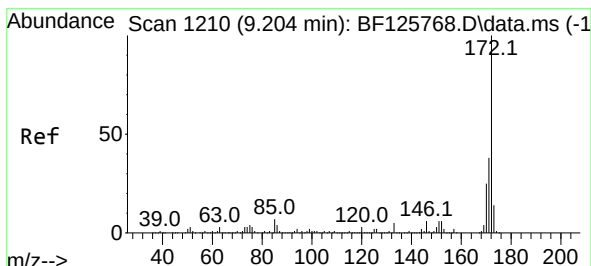
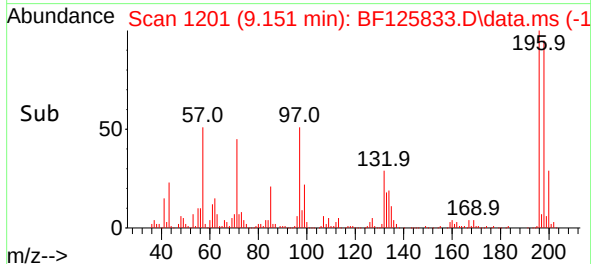
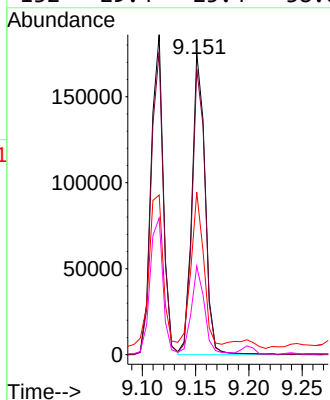
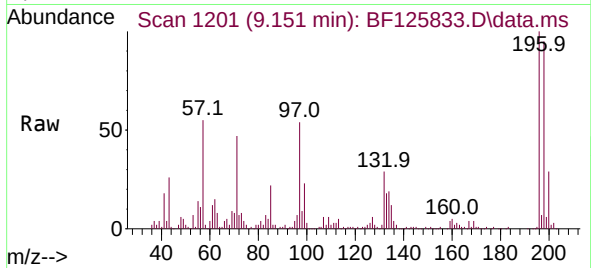




#44
2,4,5-Trichlorophenol
Concen: 24.025 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

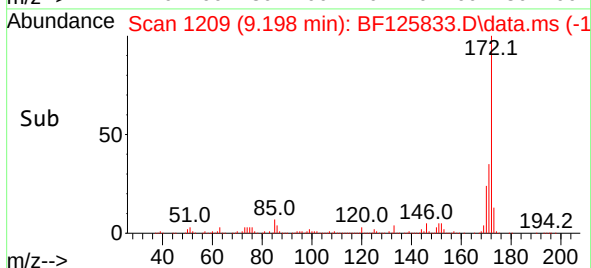
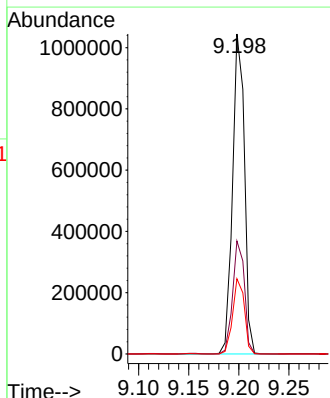
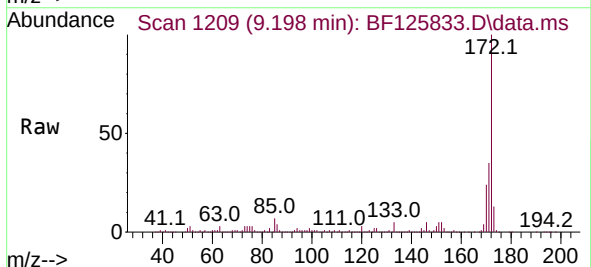
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

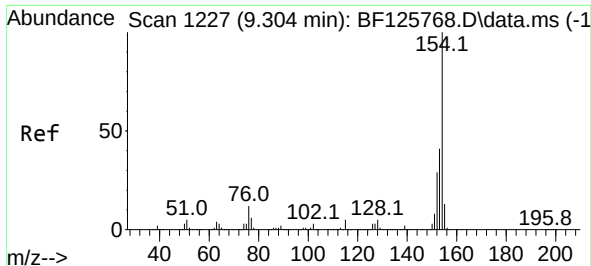
Tgt Ion:196	Resp: 150566
Ion Ratio	Lower Upper
196 100	
198 94.8	80.2 120.2
97 53.9	44.0 66.0
132 29.4	25.4 38.0



#45
2-Fluorobiphenyl
Concen: 49.074 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:172	Resp: 862069
Ion Ratio	Lower Upper
172 100	
171 35.3	26.5 39.7
170 23.5	18.8 28.2

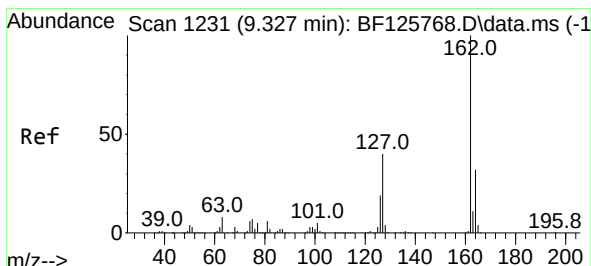
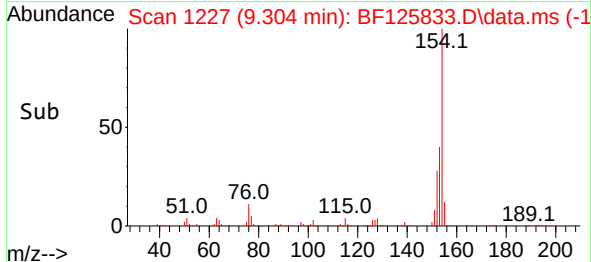
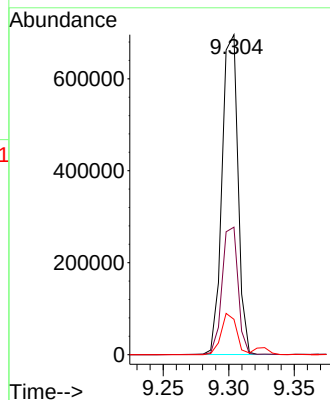
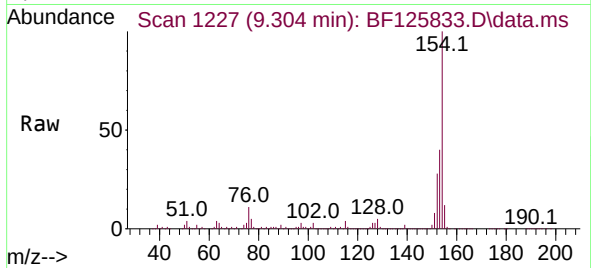




#46
1,1'-Biphenyl
Concen: 26.339 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

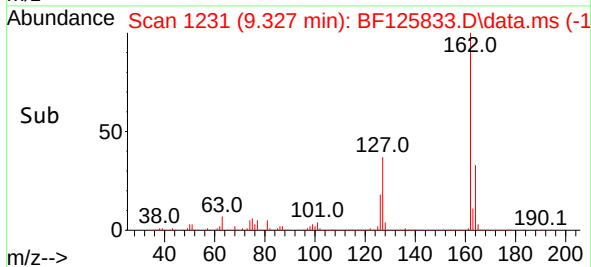
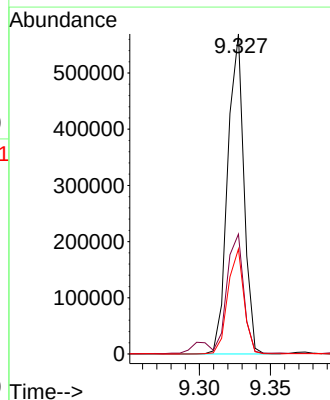
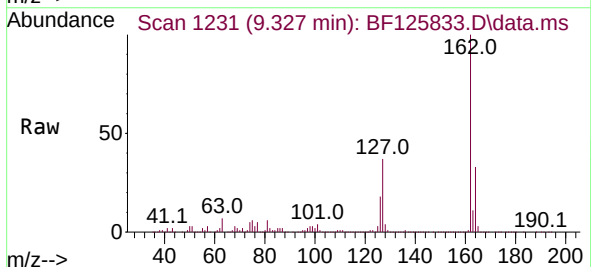
Instrument :
BNA_F
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CL-02-101221MSD

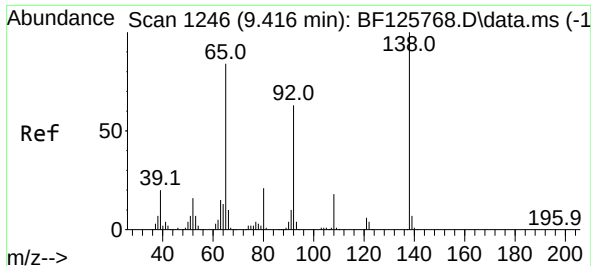
Tgt Ion:154 Resp: 586743
Ion Ratio Lower Upper
154 100
153 39.9 20.0 60.0
76 11.0 0.0 30.3



#47
2-Chloronaphthalene
Concen: 24.952 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:162 Resp: 451322
Ion Ratio Lower Upper
162 100
127 37.4 33.0 49.4
164 32.8 25.8 38.8

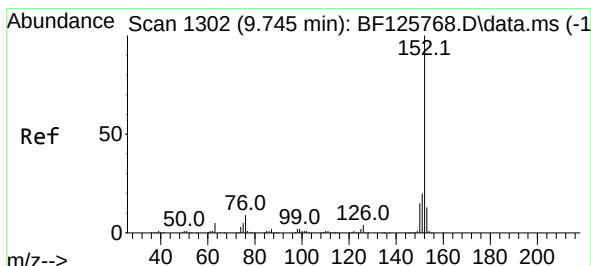
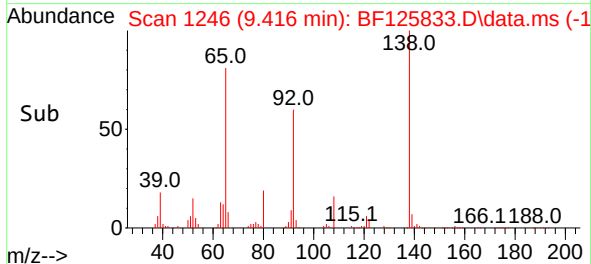
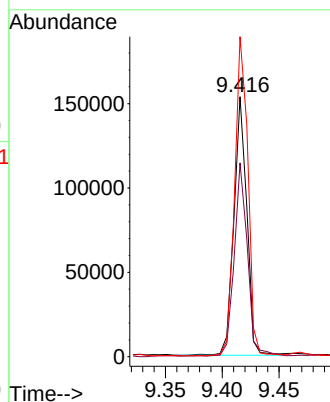
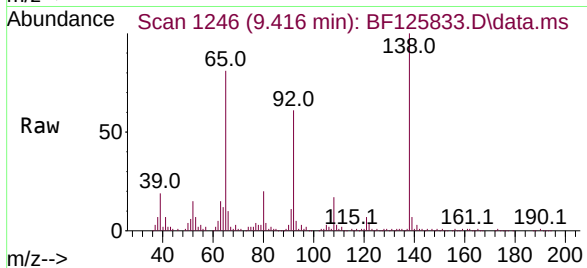




#48
2-Nitroaniline
Concen: 27.865 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

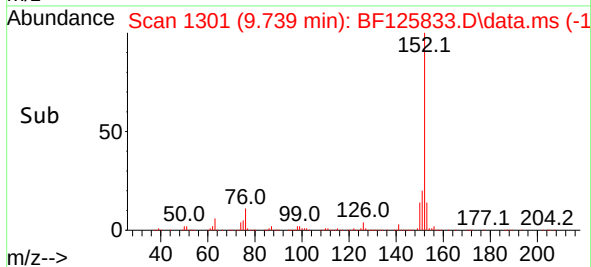
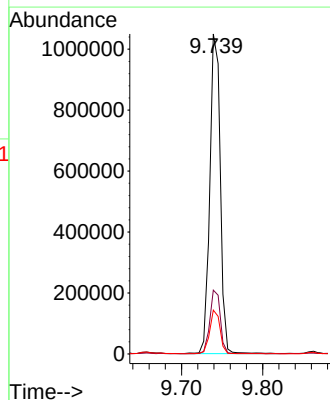
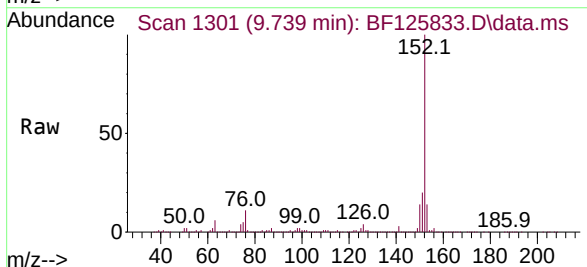
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

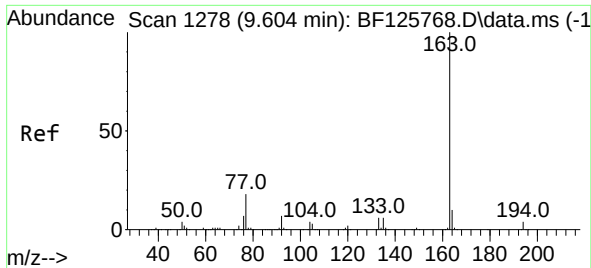
Tgt Ion: 65 Resp: 120997
Ion Ratio Lower Upper
65 100
92 74.5 55.5 83.3
138 123.1 93.5 140.3



#49
Acenaphthylene
Concen: 35.262 ng
RT: 9.739 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion: 152 Resp: 934036
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.7 9.8 14.8

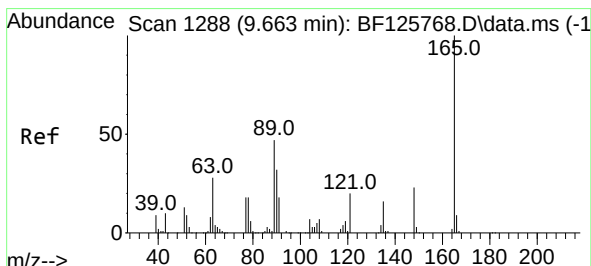
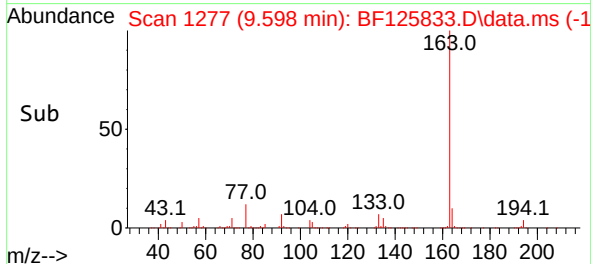
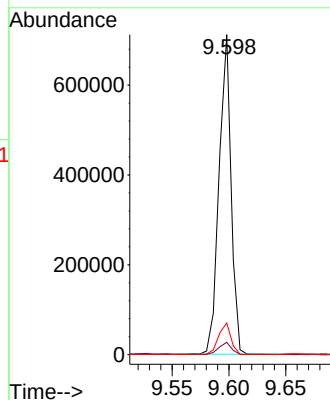
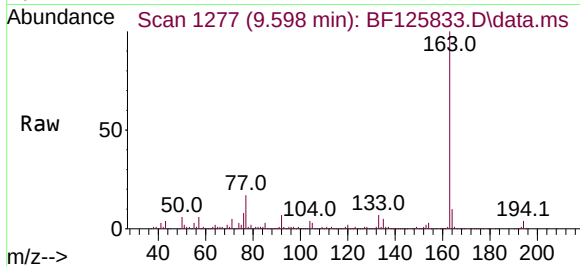




#50
Dimethylphthalate
Concen: 26.334 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

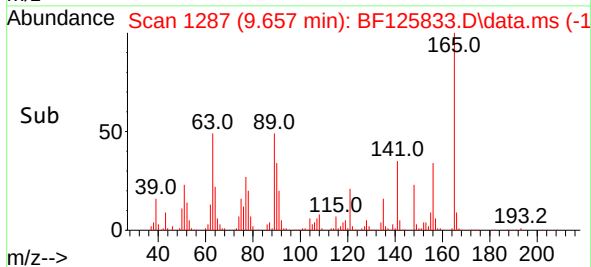
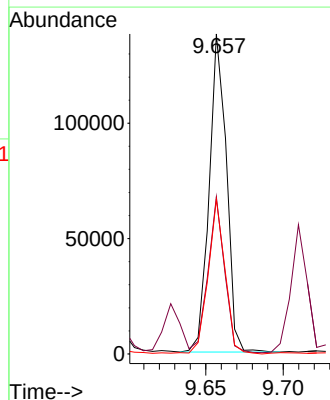
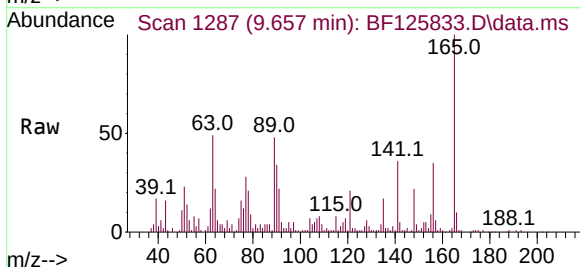
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

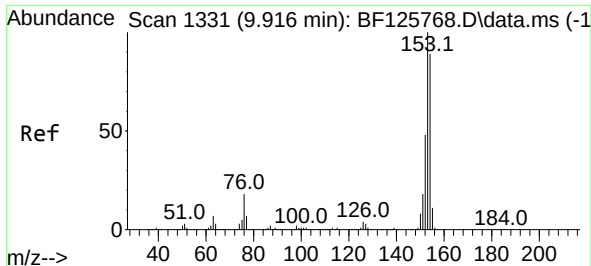
Tgt Ion:163 Resp: 525256
Ion Ratio Lower Upper
163 100
194 3.9 2.6 3.8#
164 9.9 7.4 11.0



#51
2,6-Dinitrotoluene
Concen: 26.493 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:165 Resp: 106811
Ion Ratio Lower Upper
165 100
63 49.1 42.6 63.8
89 48.4 40.6 60.8

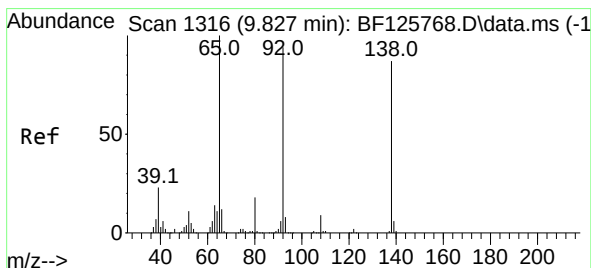
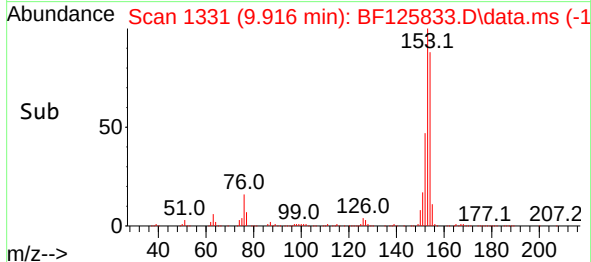
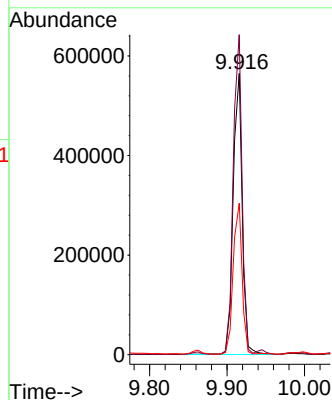
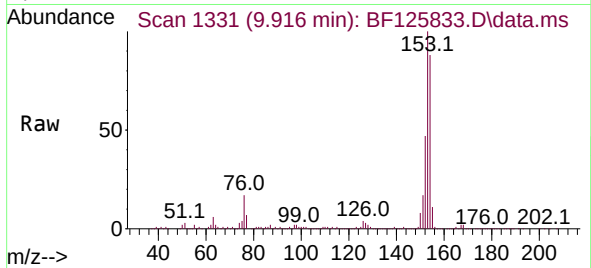




#52
Acenaphthene
Concen: 27.596 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

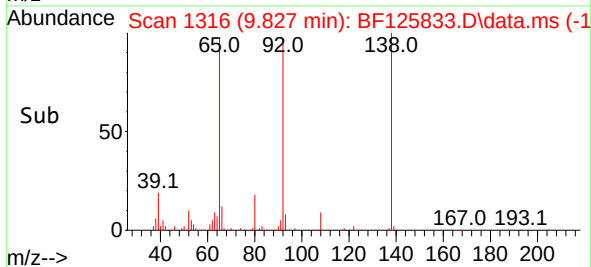
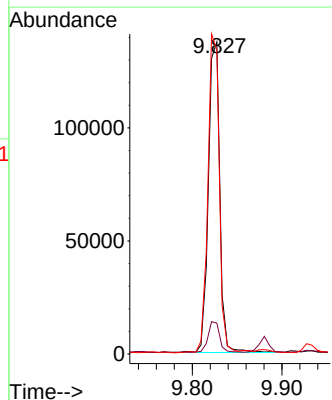
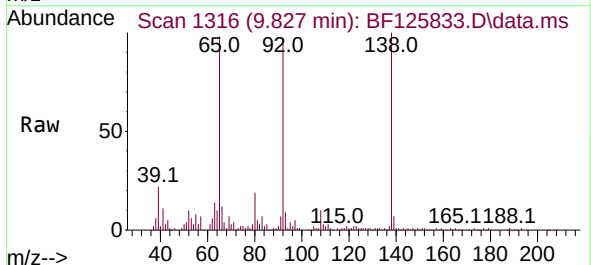
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

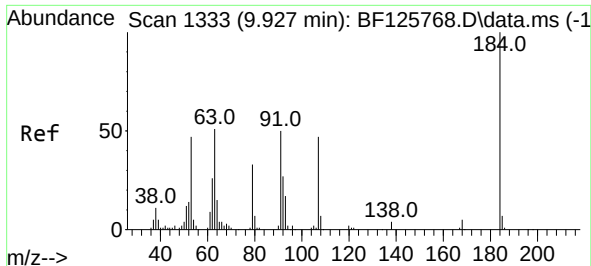
Tgt Ion:154 Resp: 456683
Ion Ratio Lower Upper
154 100
153 113.8 89.4 134.2
152 53.8 40.5 60.7



#53
3-Nitroaniline
Concen: 25.495 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:138 Resp: 121537
Ion Ratio Lower Upper
138 100
108 9.9 9.3 13.9
92 97.3 76.5 114.7

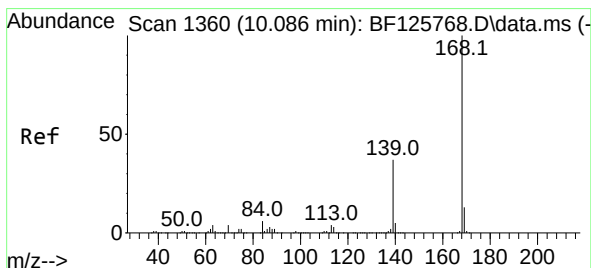
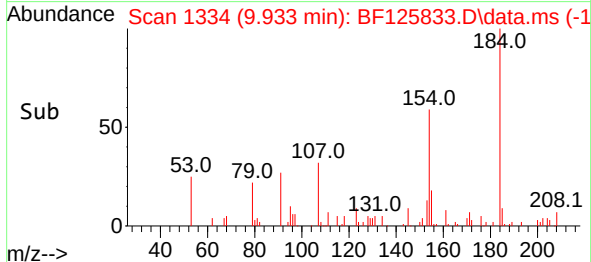
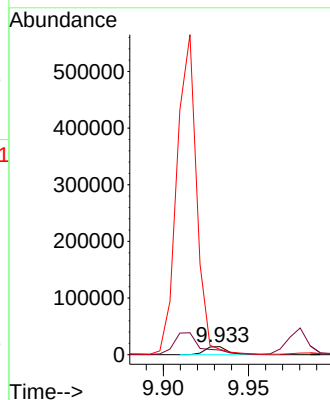
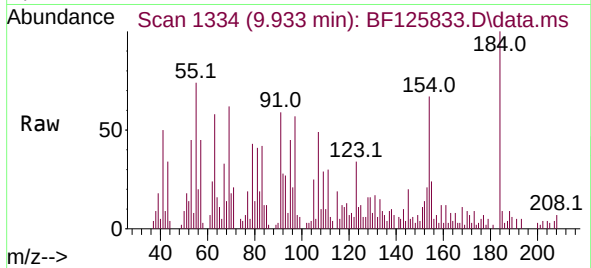




#54
2,4-Dinitrophenol
Concen: 7.632 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

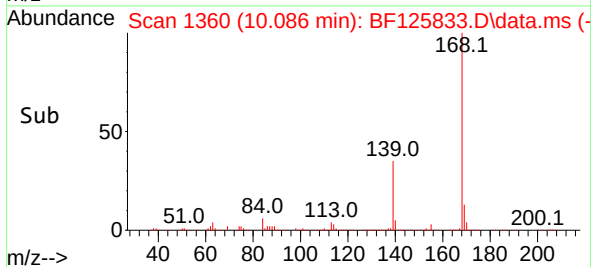
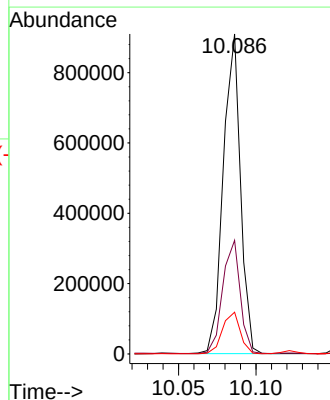
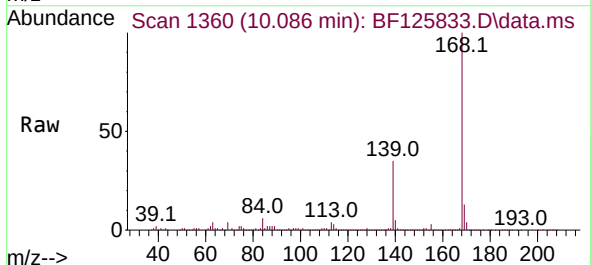
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

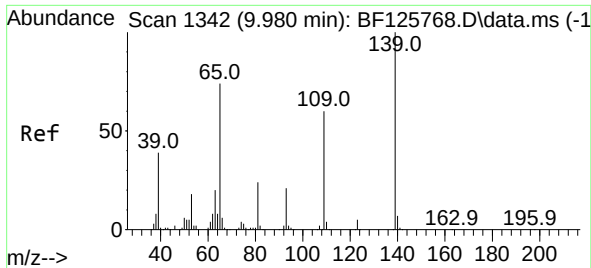
Tgt Ion:184 Resp: 13060
Ion Ratio Lower Upper
184 100
63 57.7 59.3 88.9#
154 67.1 68.6 102.8#



#55
Dibenzofuran
Concen: 28.276 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:168 Resp: 700992
Ion Ratio Lower Upper
168 100
139 35.5 32.7 49.1
169 13.1 11.2 16.8

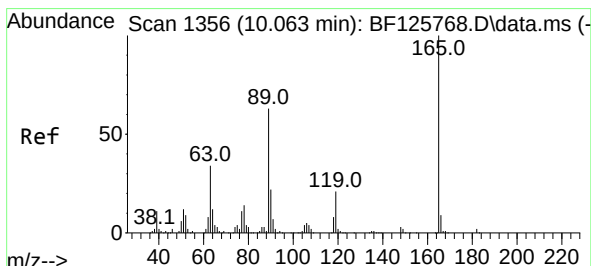
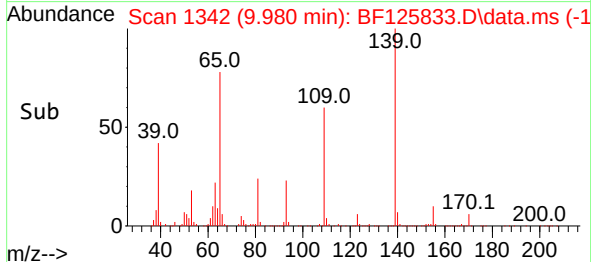
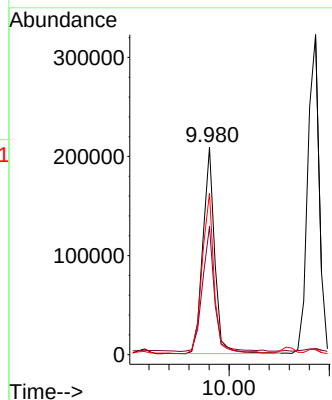
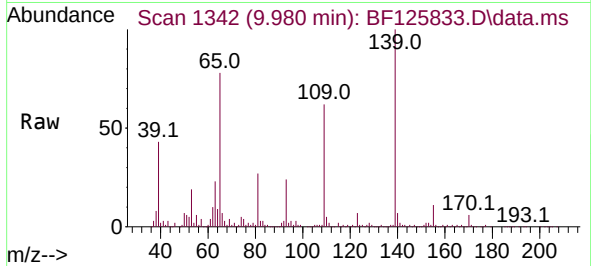




#56
4-Nitrophenol
Concen: 48.293 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

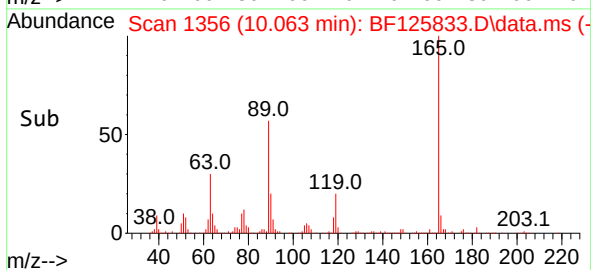
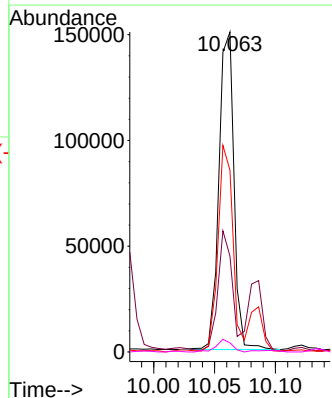
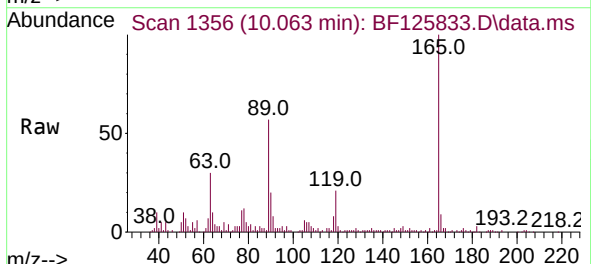
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

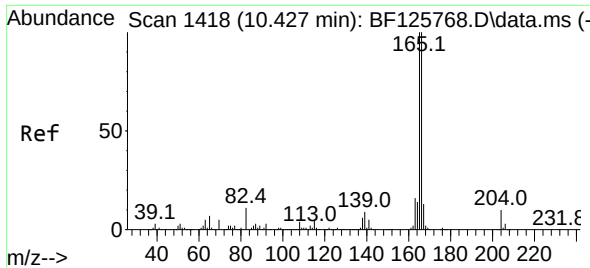
Tgt Ion:139	Resp:	171611
Ion	Ratio	Lower Upper
139	100	
109	61.9	60.4 100.4
65	77.9	58.4 98.4



#57
2,4-Dinitrotoluene
Concen: 25.430 ng
RT: 10.063 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:165	Resp:	129632
Ion	Ratio	Lower Upper
165	100	
63	29.9	40.9 61.3#
89	56.8	59.7 89.5#
182	2.9	0.0 0.0#

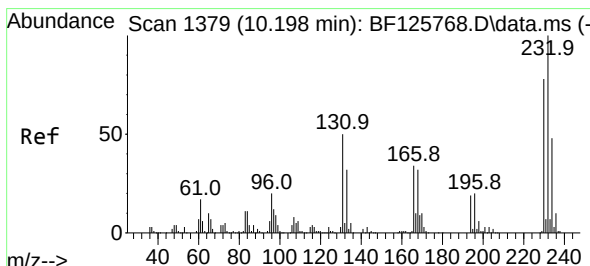
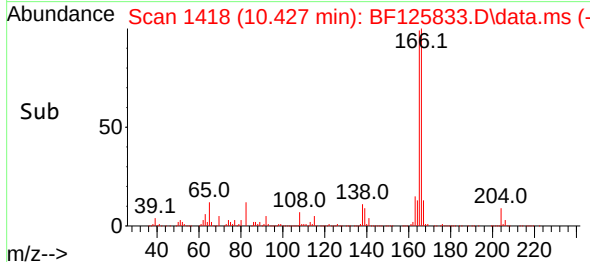
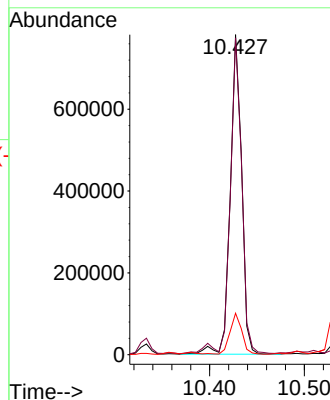
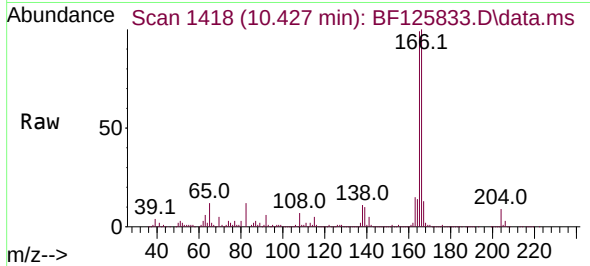




#58
 Fluorene
 Concen: 35.950 ng
 RT: 10.427 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: BF125833.D
 Acq: 13 Oct 2021 18:49

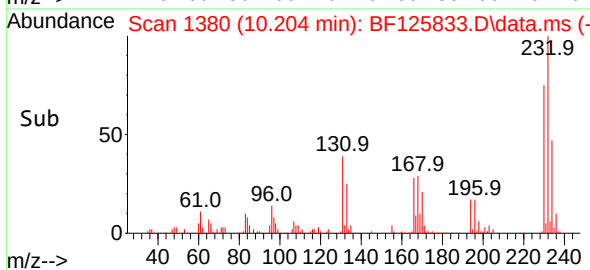
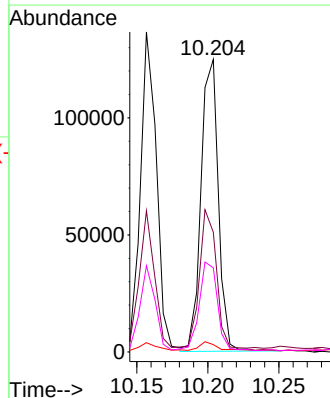
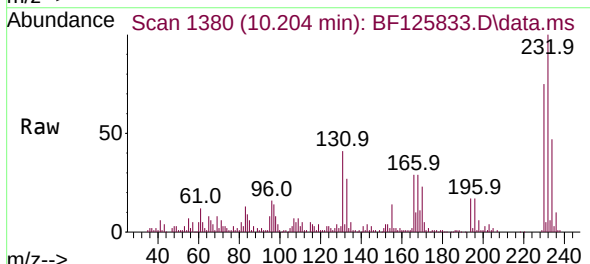
Instrument :
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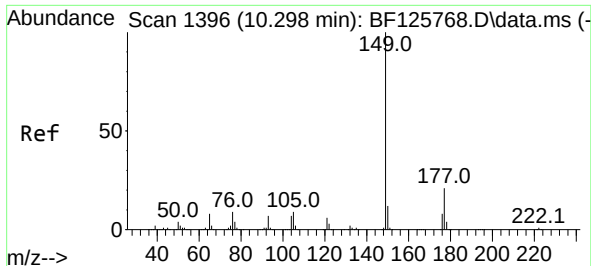
Tgt Ion:166 Resp: 652744
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.1 117.1
 167 13.0 11.1 16.7



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 22.504 ng
 RT: 10.204 min Scan# 1380
 Delta R.T. -0.000 min
 Lab File: BF125833.D
 Acq: 13 Oct 2021 18:49

Tgt Ion:232 Resp: 106451
 Ion Ratio Lower Upper
 232 100
 131 45.7 45.4 68.0
 130 3.3 0.0 0.0#
 166 31.5 28.5 42.7

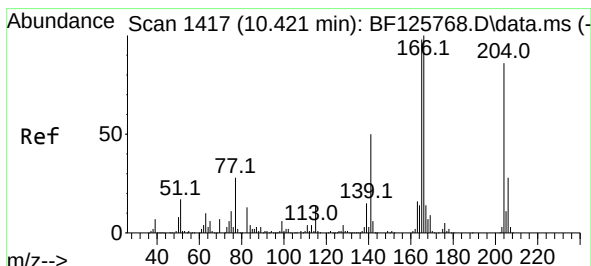
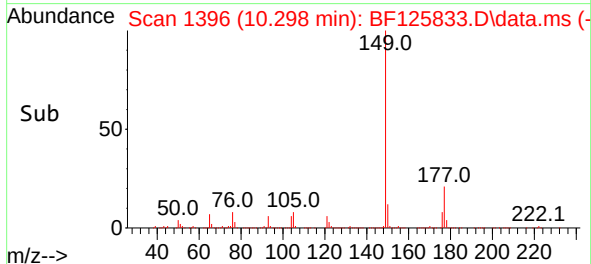
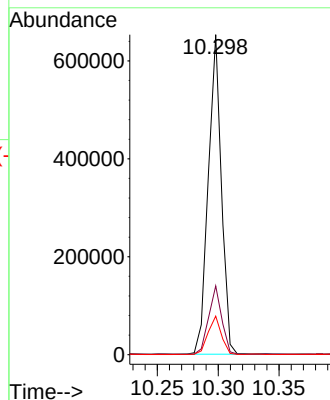
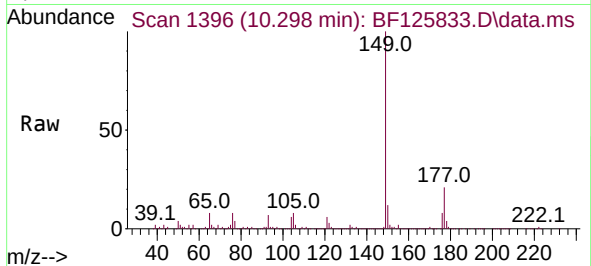




#60
Diethylphthalate
Concen: 25.561 ng
RT: 10.298 min Scan# 1396
Delta R.T. -0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

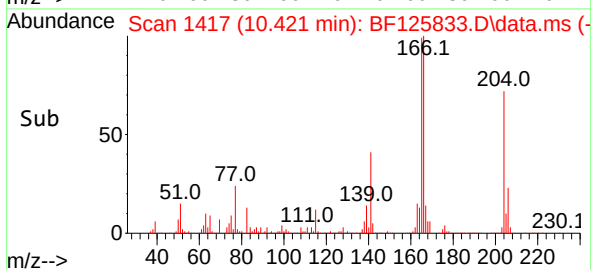
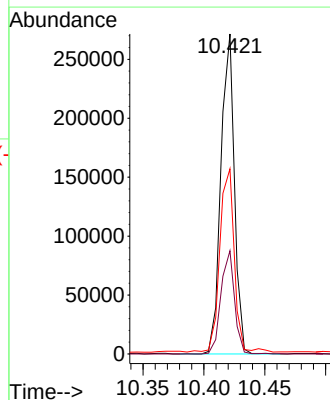
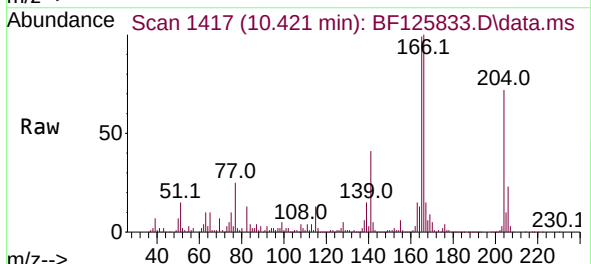
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

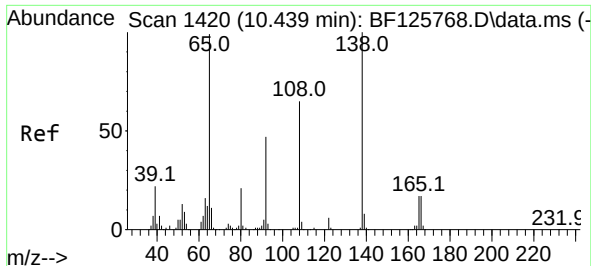
Tgt Ion:149 Resp: 486461
Ion Ratio Lower Upper
149 100
177 21.5 16.5 24.7
150 12.1 10.1 15.1



#61
4-Chlorophenyl-phenylether
Concen: 24.068 ng
RT: 10.421 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:204 Resp: 210492
Ion Ratio Lower Upper
204 100
206 32.3 27.6 41.4
141 57.8 58.6 88.0#

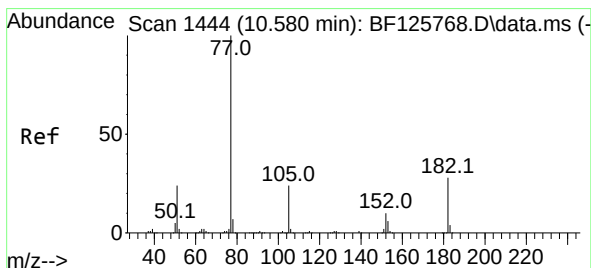
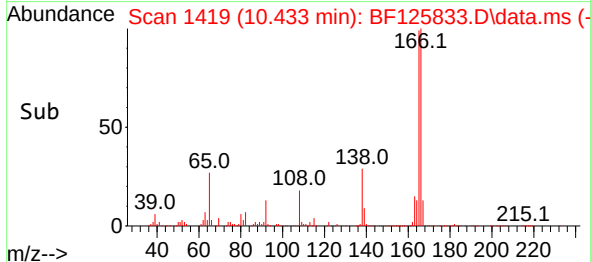
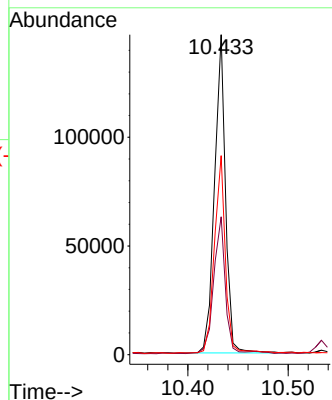
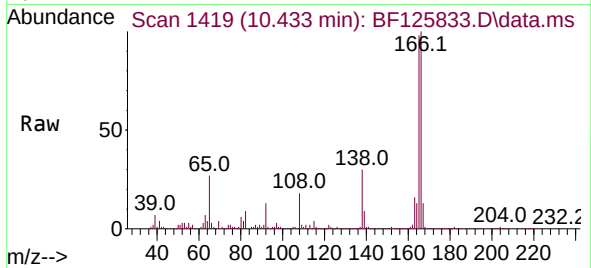




#62
4-Nitroaniline
Concen: 25.381 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

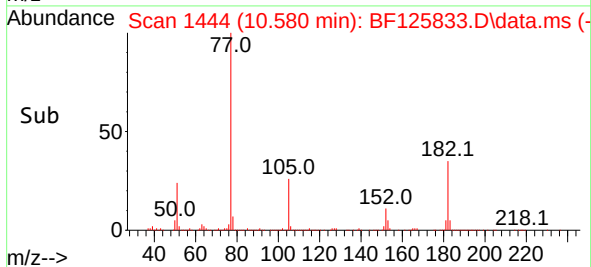
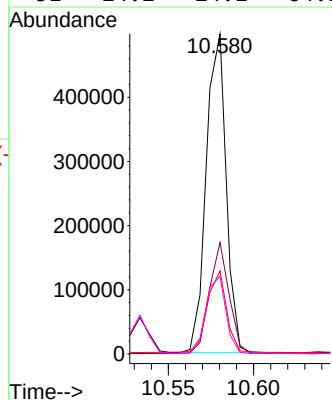
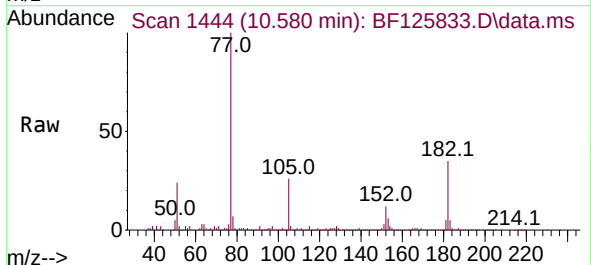
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

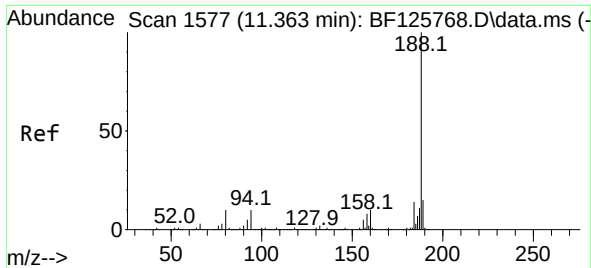
Tgt Ion:138 Resp: 111805
Ion Ratio Lower Upper
138 100
92 43.1 29.6 69.6
108 62.2 78.1 118.1#



#63
Azobenzene
Concen: 22.591 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion: 77 Resp: 404128
Ion Ratio Lower Upper
77 100
182 34.8 6.3 46.3
105 25.9 2.9 42.9
51 24.2 24.1 64.1

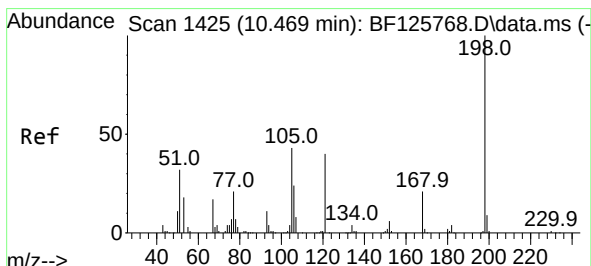
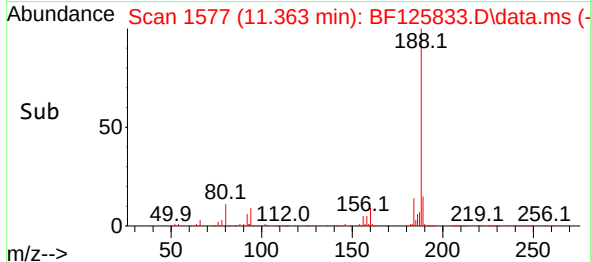
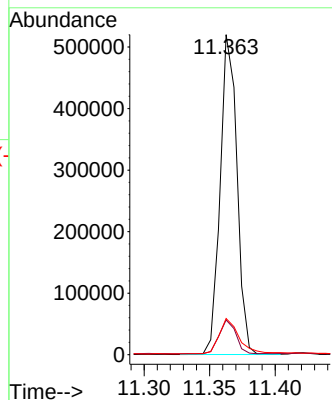
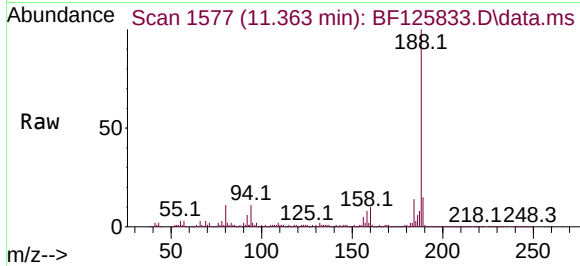




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

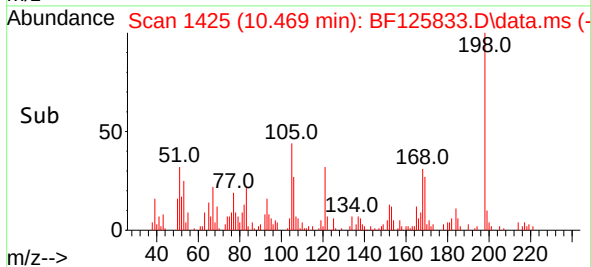
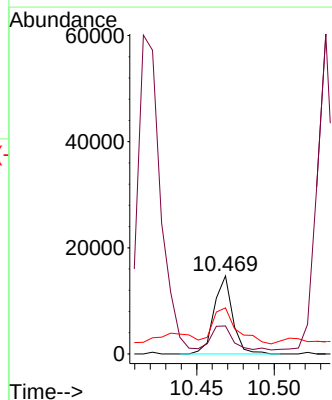
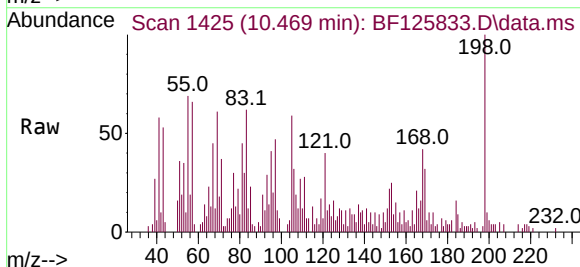
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

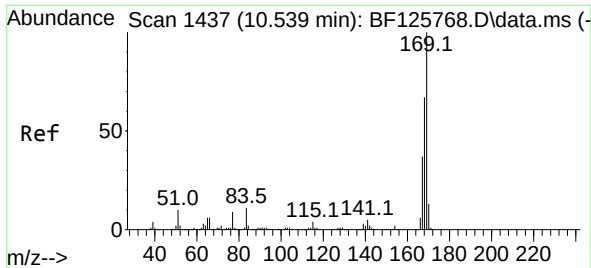
Tgt Ion:188 Resp: 461030
Ion Ratio Lower Upper
188 100
94 10.8 6.7 10.1#
80 11.3 7.5 11.3#



#65
4,6-Dinitro-2-methylphenol
Concen: 5.314 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:198 Resp: 12220
Ion Ratio Lower Upper
198 100
51 35.9 45.3 85.3#
105 59.1 30.6 70.6

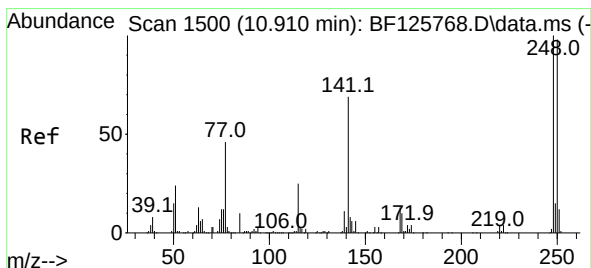
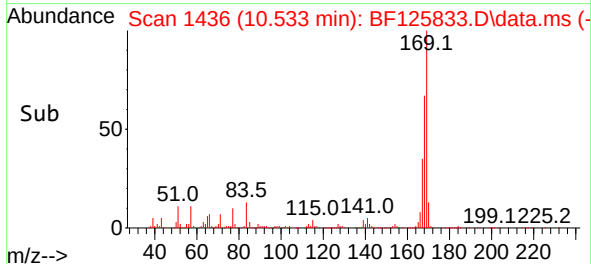
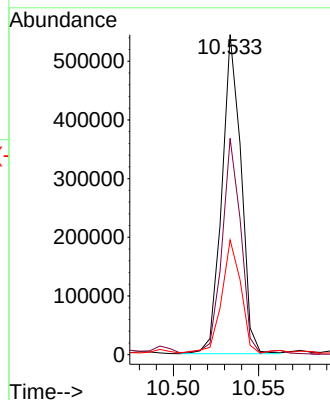
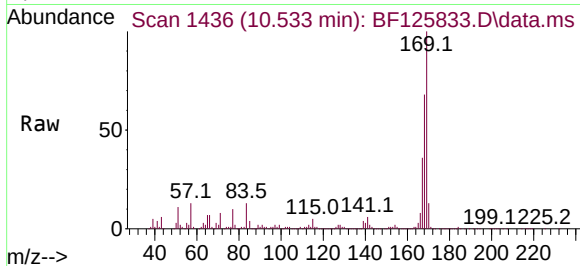




#66
n-Nitrosodiphenylamine
Concen: 27.046 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

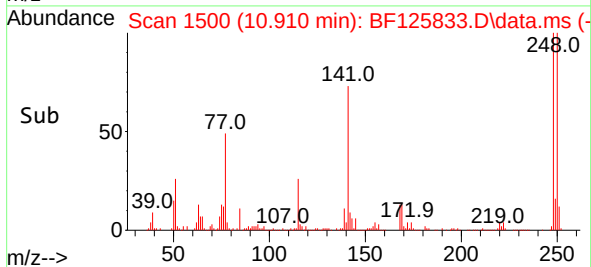
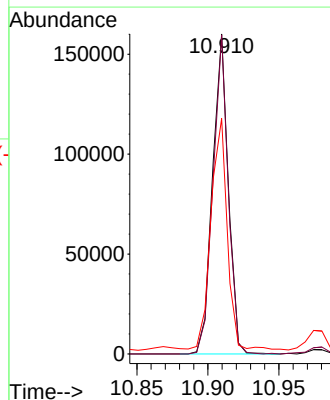
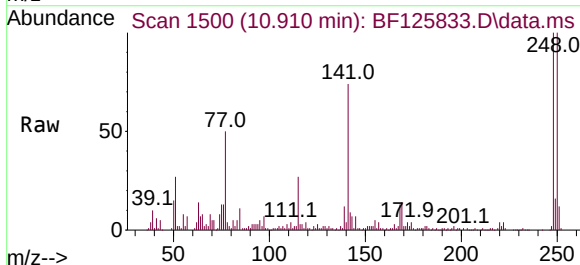
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

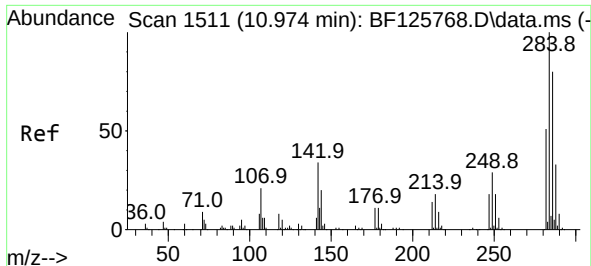
Tgt Ion:169 Resp: 425354
Ion Ratio Lower Upper
169 100
168 67.6 50.8 76.2
167 35.9 28.8 43.2



#67
4-Bromophenyl-phenylether
Concen: 24.153 ng
RT: 10.910 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:248 Resp: 123323
Ion Ratio Lower Upper
248 100
250 99.7 74.2 111.4
141 73.6 60.4 90.6

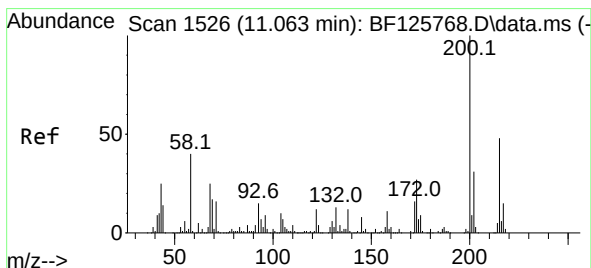
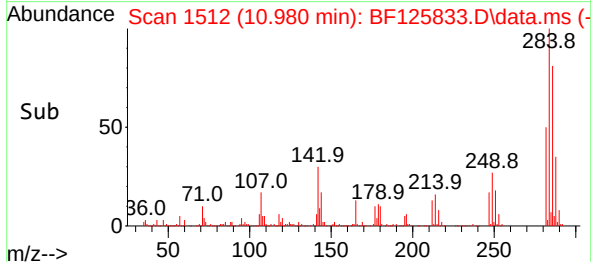
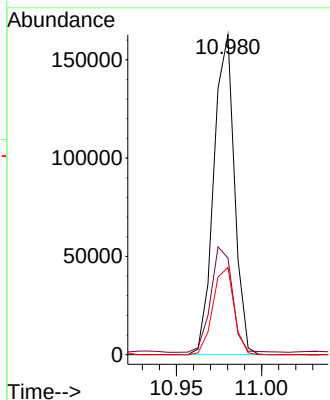
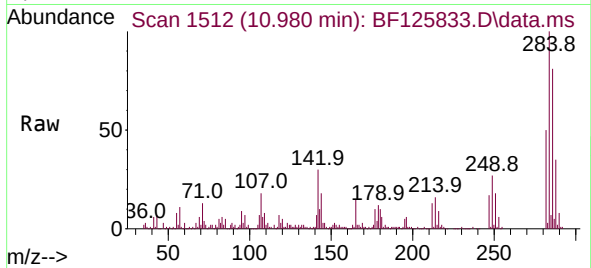




#68
Hexachlorobenzene
Concen: 23.738 ng
RT: 10.980 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

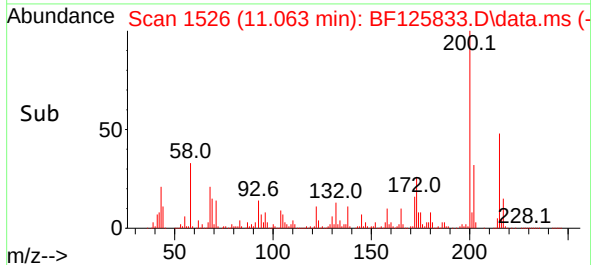
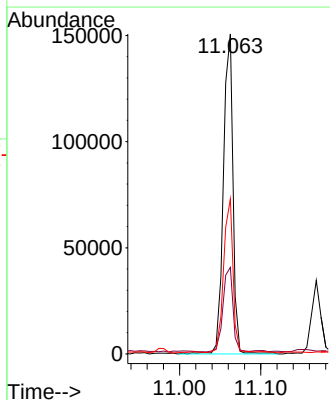
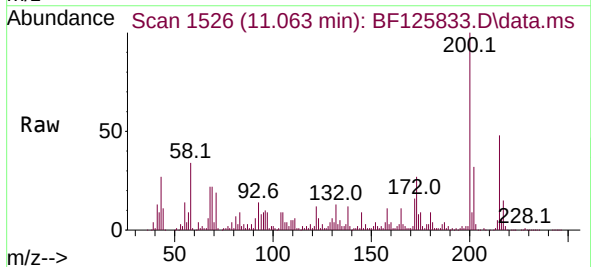
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

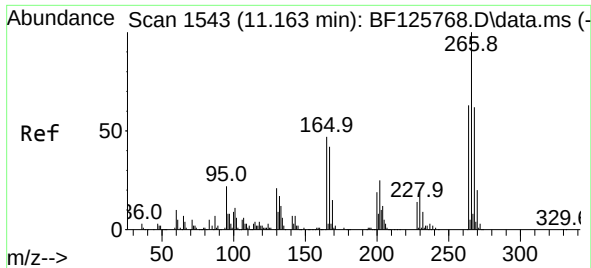
Tgt Ion:284 Resp: 137353
Ion Ratio Lower Upper
284 100
142 30.2 36.4 54.6#
249 27.3 25.6 38.4



#69
Atrazine
Concen: 27.361 ng
RT: 11.063 min Scan# 1526
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:200 Resp: 124899
Ion Ratio Lower Upper
200 100
173 27.1 11.1 51.1
215 48.5 22.7 62.7

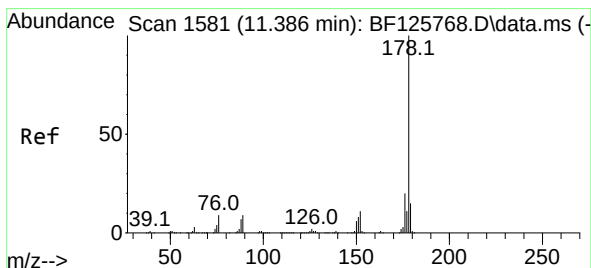
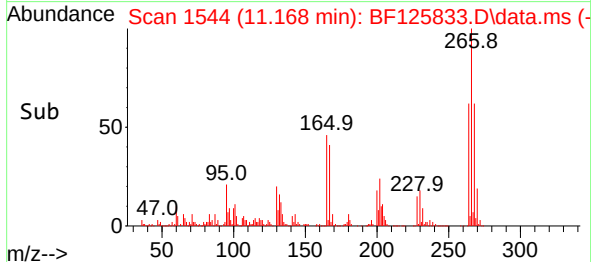
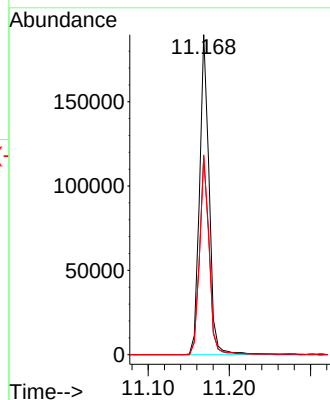
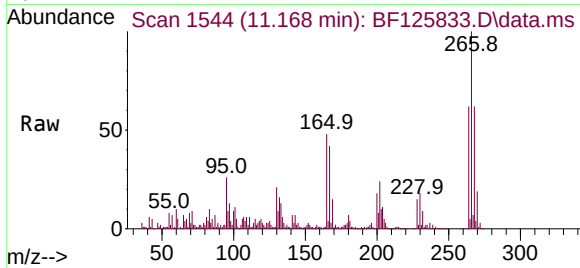




#70
Pentachlorophenol
Concen: 50.604 ng
RT: 11.168 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

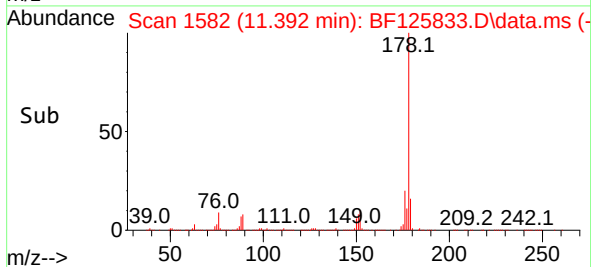
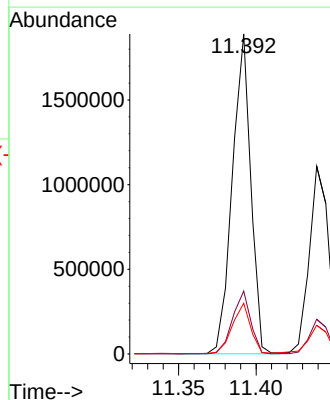
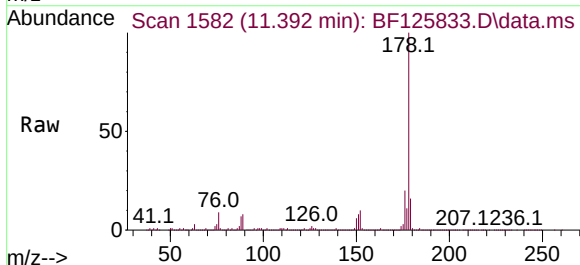
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

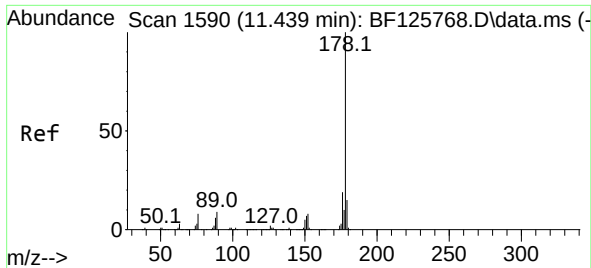
Tgt Ion:266 Resp: 156522
Ion Ratio Lower Upper
266 100
268 61.7 48.9 73.3
264 62.5 55.9 83.9



#71
Phenanthrene
Concen: 63.318 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:178 Resp: 1561860
Ion Ratio Lower Upper
178 100
176 19.6 14.7 22.1
179 15.9 11.5 17.3



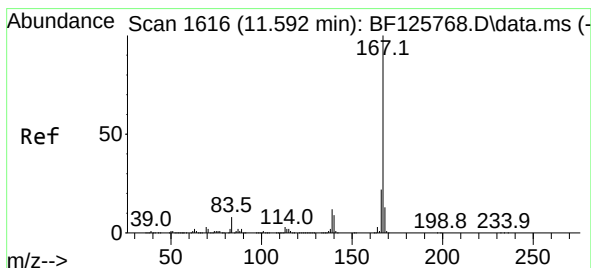
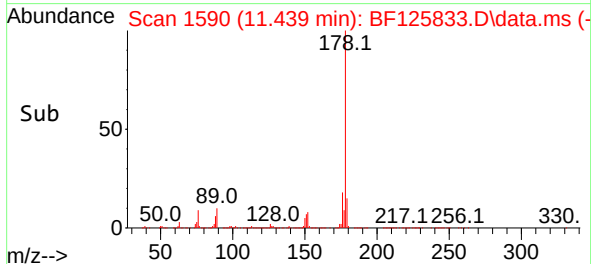
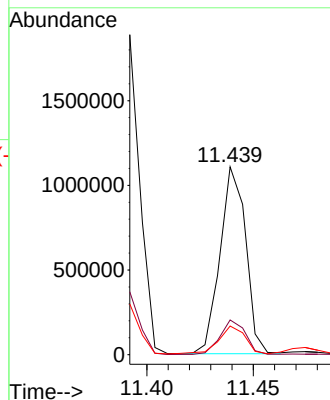
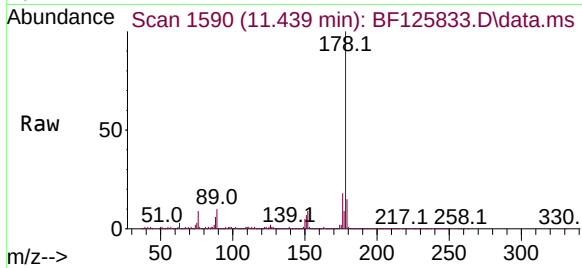


#72
 Anthracene
 Concen: 37.739 ng
 RT: 11.439 min Scan# 1590
 Delta R.T. -0.000 min
 Lab File: BF125833.D
 Acq: 13 Oct 2021 18:49

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101221MSD

Tgt Ion:178 Resp: 929779

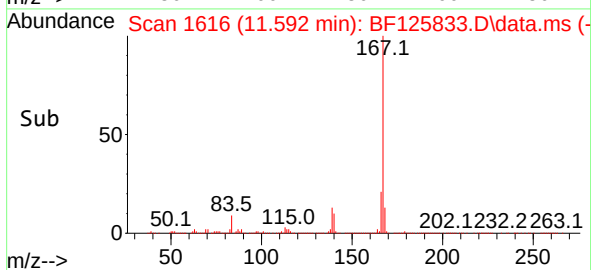
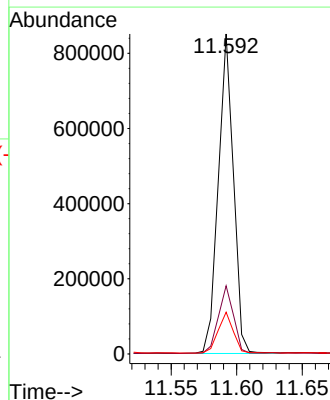
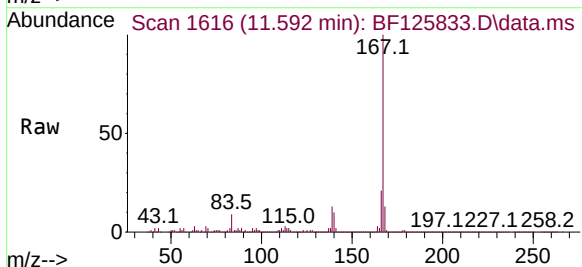
Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.3	21.5
179	15.3	12.2	18.4

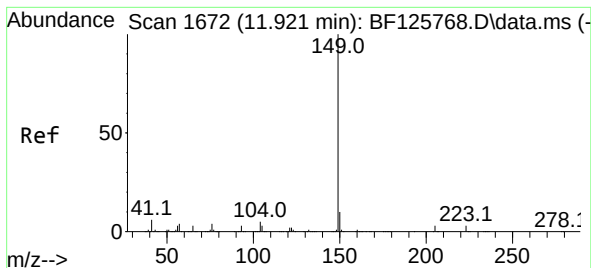


#73
 Carbazole
 Concen: 29.747 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: BF125833.D
 Acq: 13 Oct 2021 18:49

Tgt Ion:167 Resp: 682061

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.4	26.0
139	13.1	11.0	16.4

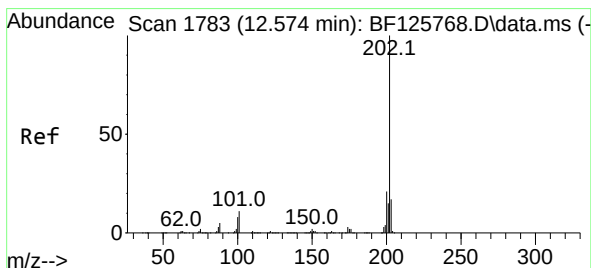
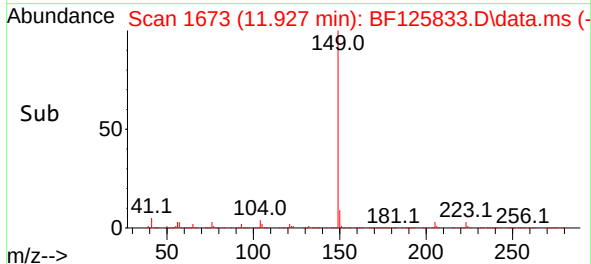
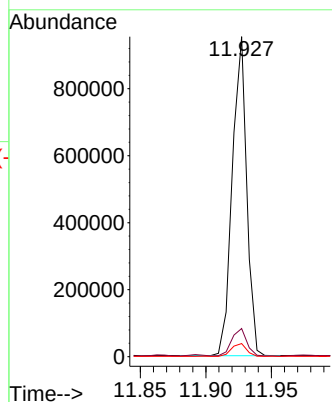
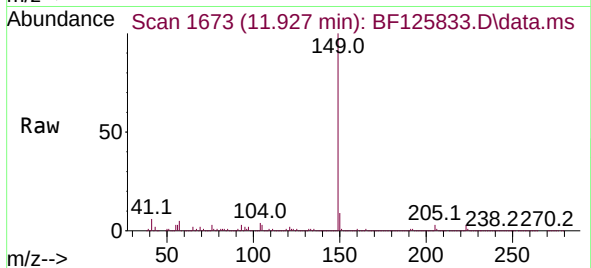




#74
Di-n-butylphthalate
Concen: 28.750 ng
RT: 11.927 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

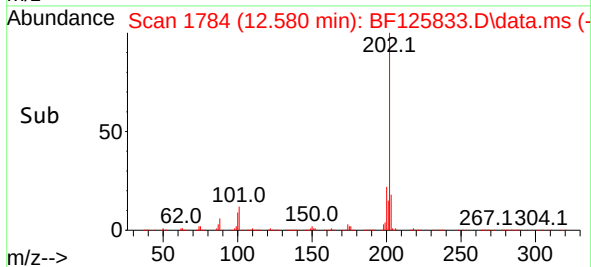
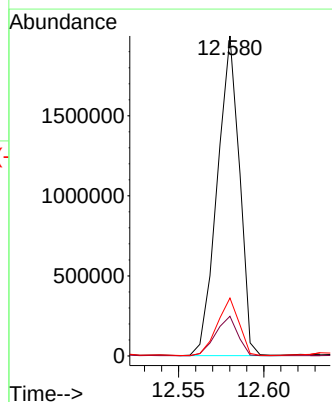
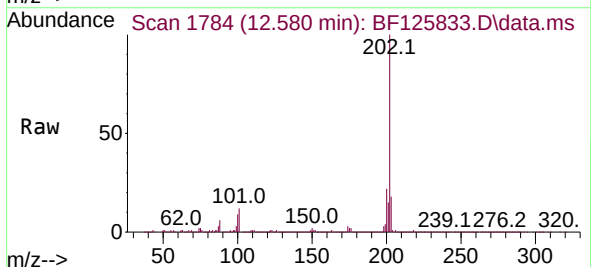
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

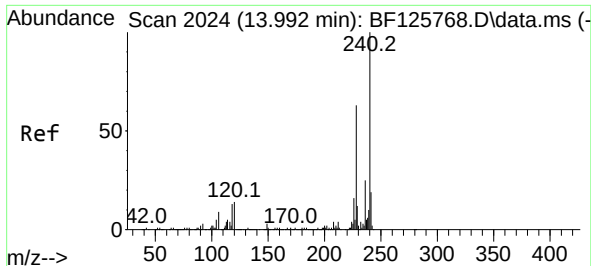
Tgt Ion:149 Resp: 727747
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.2
104 4.1 4.1 6.1



#75
Fluoranthene
Concen: 81.109 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:202 Resp: 1805284
Ion Ratio Lower Upper
202 100
101 12.4 0.0 30.7
203 18.1 0.0 36.3

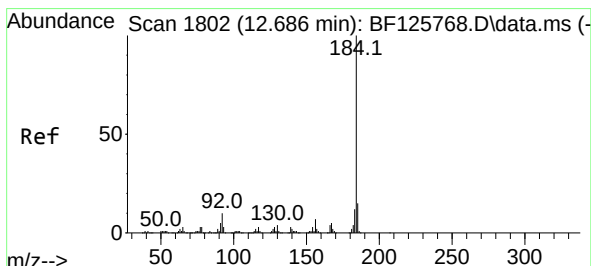
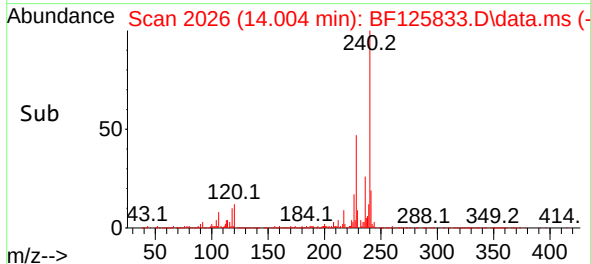
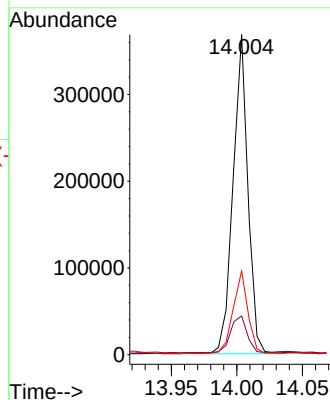
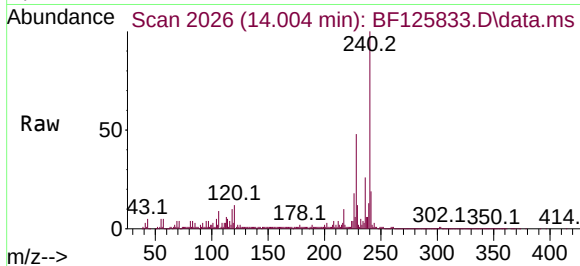




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

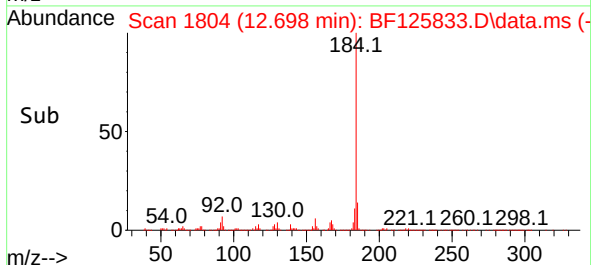
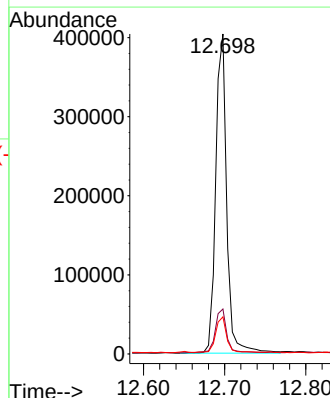
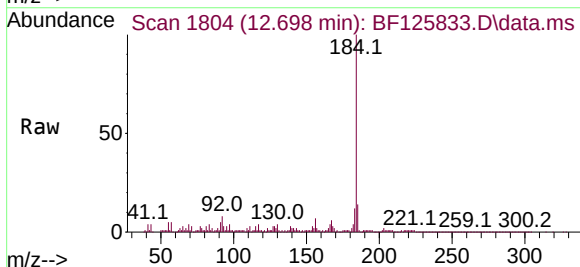
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

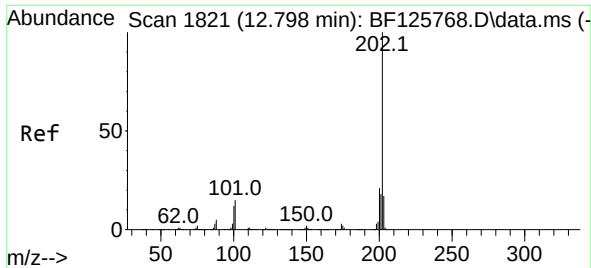
Tgt Ion:240 Resp: 290603
Ion Ratio Lower Upper
240 100
120 12.1 10.8 16.2
236 26.2 21.6 32.4



#77
Benzidine
Concen: 35.594 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:184 Resp: 378524
Ion Ratio Lower Upper
184 100
185 14.1 10.8 16.2
183 11.6 8.1 12.1

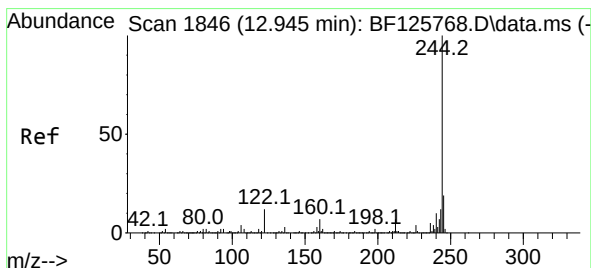
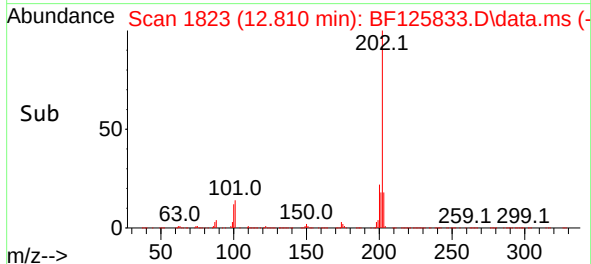
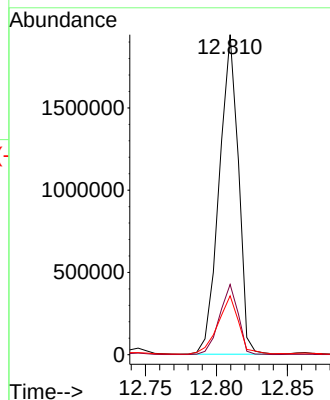
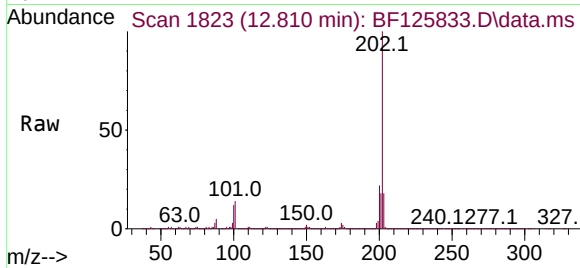




#78
Pyrene
Concen: 61.637 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

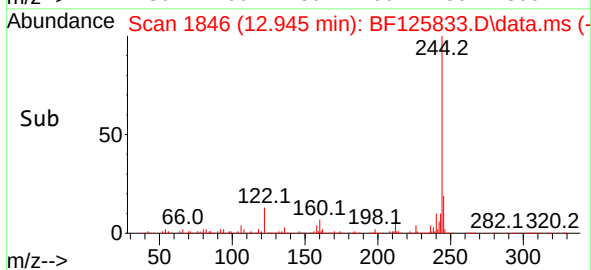
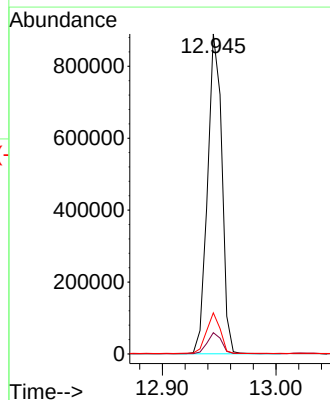
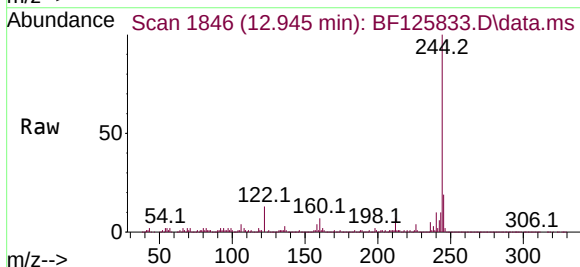
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

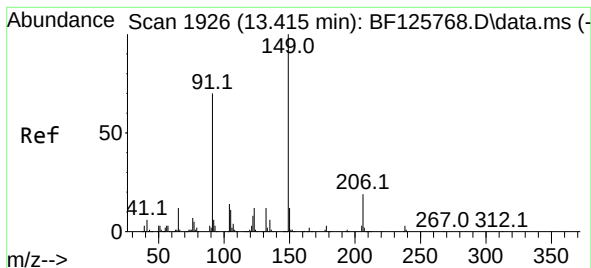
Tgt Ion:202 Resp: 1819710
Ion Ratio Lower Upper
202 100
200 21.9 15.3 22.9
203 18.4 13.4 20.0



#79
Terphenyl-d14
Concen: 40.641 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:244 Resp: 775336
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 12.9 9.0 13.4

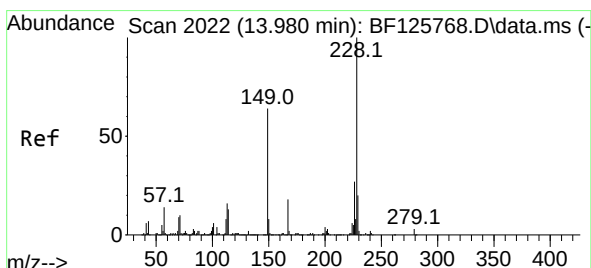
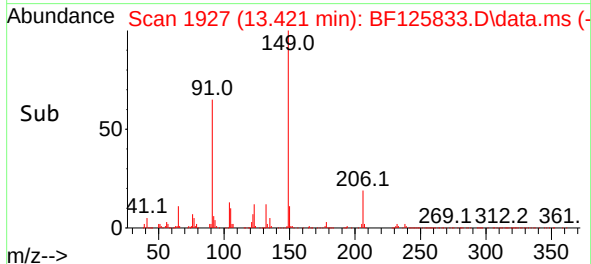
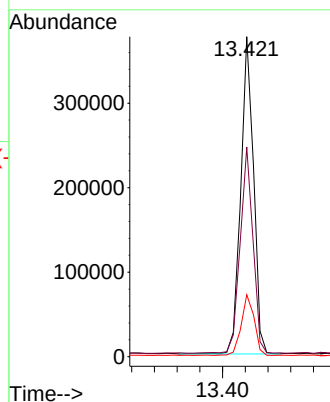
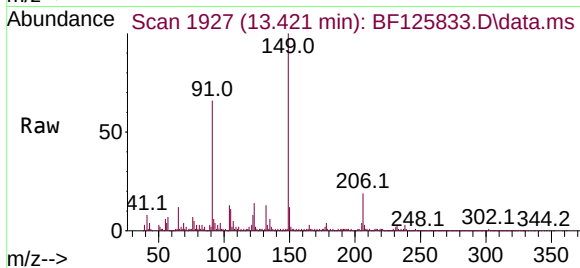




#80
Butylbenzylphthalate
Concen: 30.898 ng
RT: 13.421 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

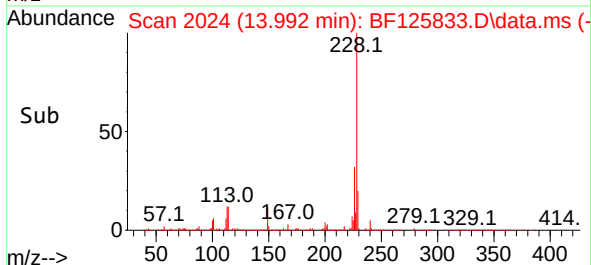
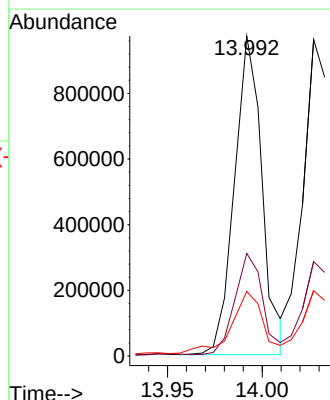
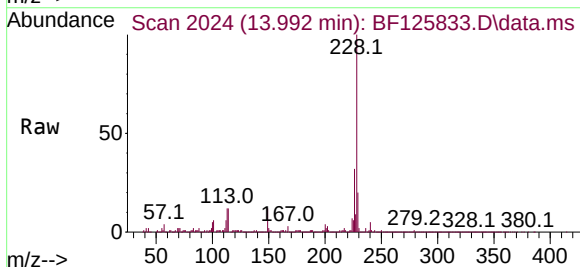
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

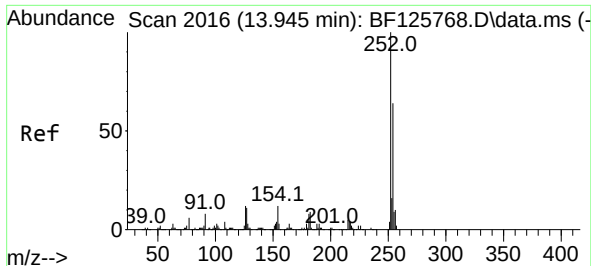
Tgt Ion:	149	Resp:	292392
Ion Ratio	Lower	Upper	
149	100		
91	65.5	51.8	77.8
206	19.3	14.5	21.7



#81
Benzo(a)anthracene
Concen: 52.092 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:	228	Resp:	982139
Ion Ratio	Lower	Upper	
228	100		
226	32.1	21.6	32.4
229	20.2	15.6	23.4

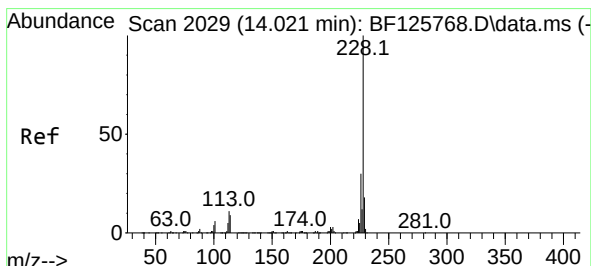
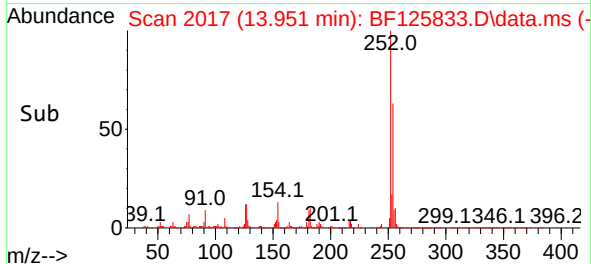
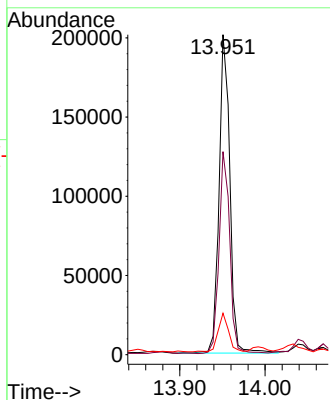
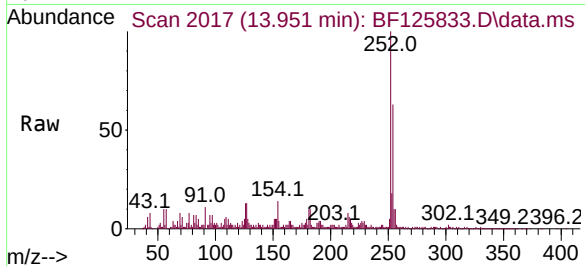




#82
 3,3'-Dichlorobenzidine
 Concen: 29.617 ng
 RT: 13.951 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: BF125833.D
 Acq: 13 Oct 2021 18:49

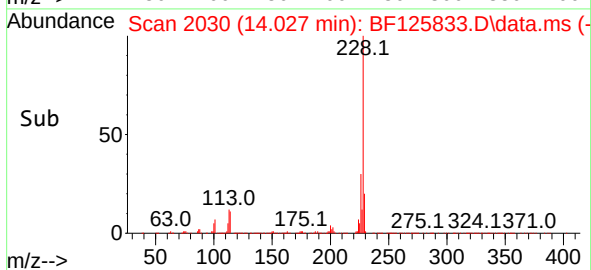
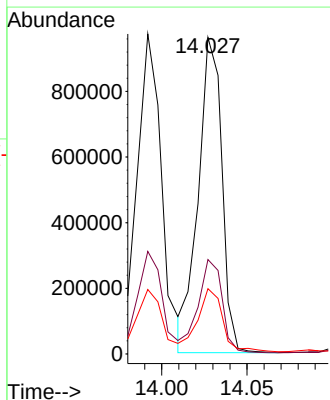
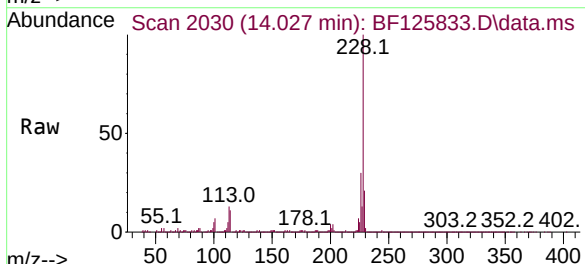
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101221MSD

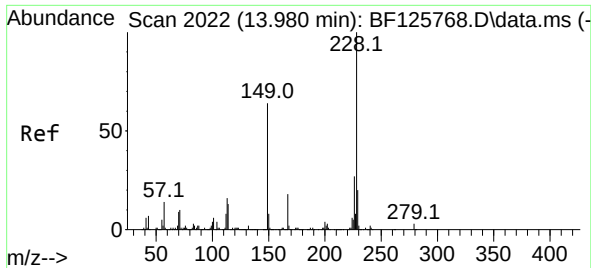
Tgt Ion:252 Resp: 176436
 Ion Ratio Lower Upper
 252 100
 254 63.5 51.4 77.0
 126 12.9 9.5 14.3



#83
 Chrysene
 Concen: 49.660 ng
 RT: 14.027 min Scan# 2030
 Delta R.T. -0.000 min
 Lab File: BF125833.D
 Acq: 13 Oct 2021 18:49

Tgt Ion:228 Resp: 925441
 Ion Ratio Lower Upper
 228 100
 226 29.8 22.6 34.0
 229 20.6 15.9 23.9

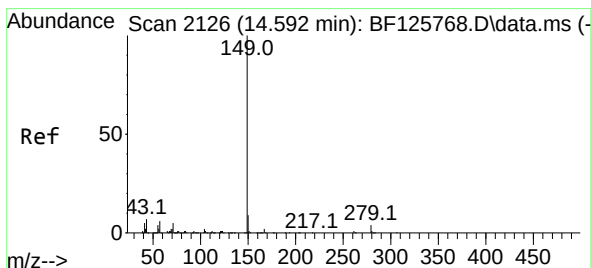
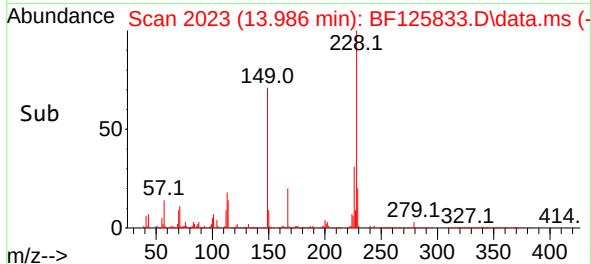
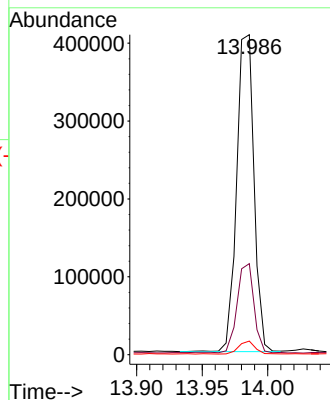
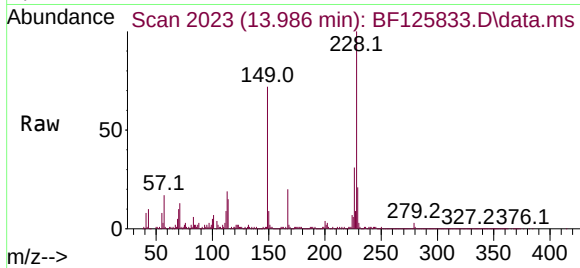




#84
Bis(2-ethylhexyl)phthalate
Concen: 36.476 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

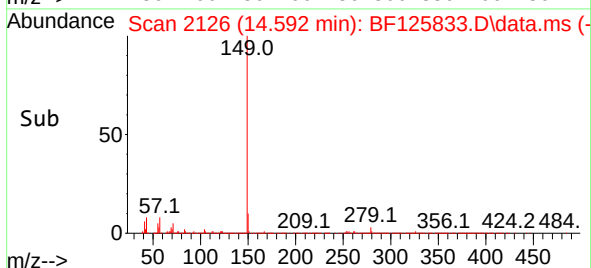
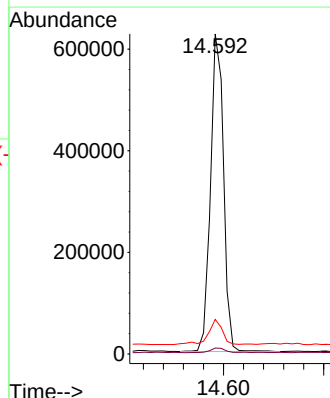
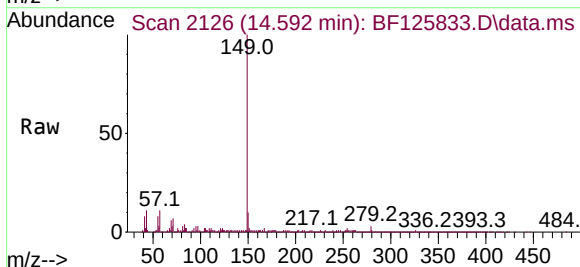
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

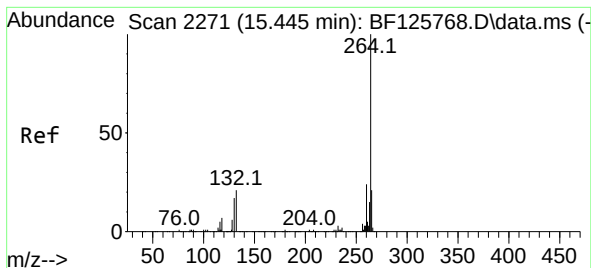
Tgt Ion:149 Resp: 375599
Ion Ratio Lower Upper
149 100
167 28.4 21.4 32.0
279 4.3 2.6 4.0#



#85
Di-n-octyl phthalate
Concen: 32.987 ng
RT: 14.592 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:149 Resp: 565909
Ion Ratio Lower Upper
149 100
167 1.8 1.0 1.6#
43 8.4 9.9 14.9#

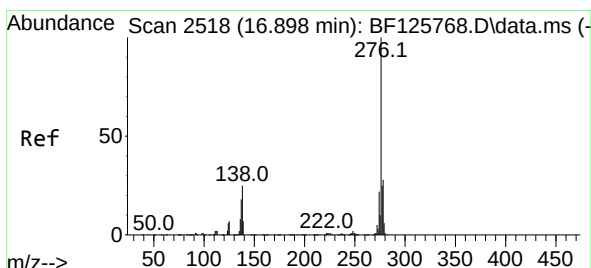
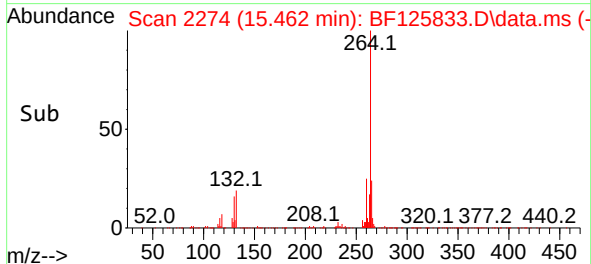
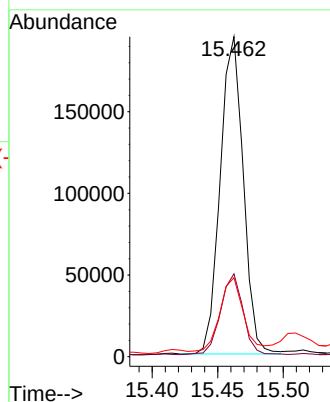
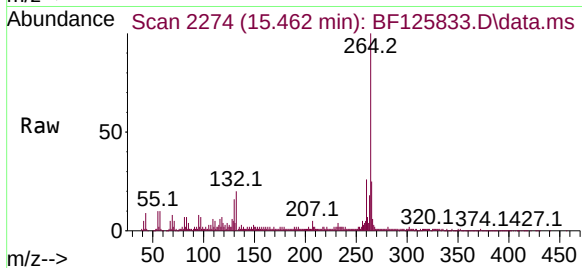




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2274
Delta R.T. 0.012 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

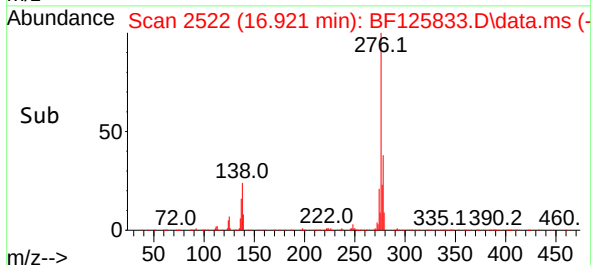
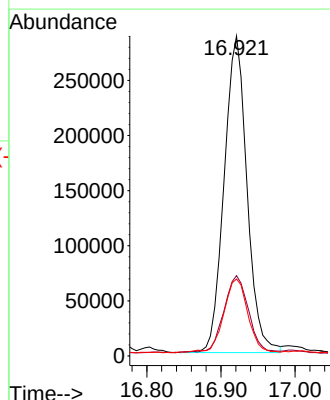
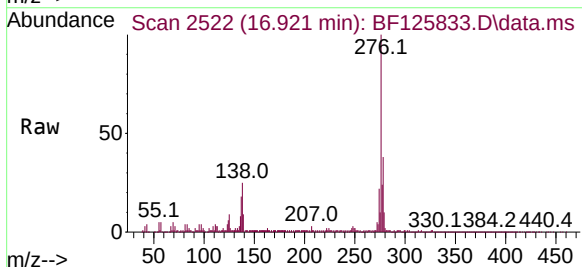
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

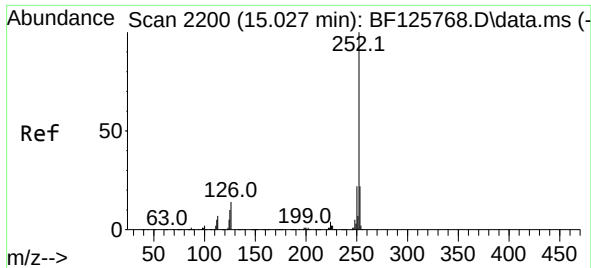
Tgt Ion:264	Resp: 237581
Ion Ratio	Lower Upper
264	100
260	25.9 19.6 29.4
265	24.7 17.2 25.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 33.954 ng
RT: 16.921 min Scan# 2522
Delta R.T. 0.012 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:276	Resp: 615693
Ion Ratio	Lower Upper
276	100
138	26.4 24.1 36.1
277	24.7 18.8 28.2

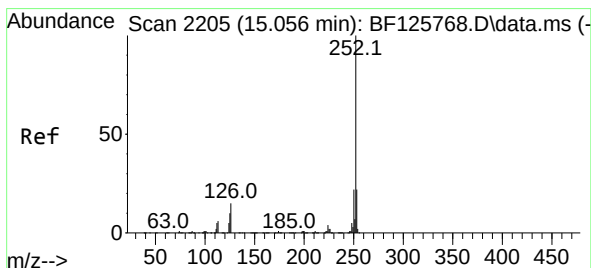
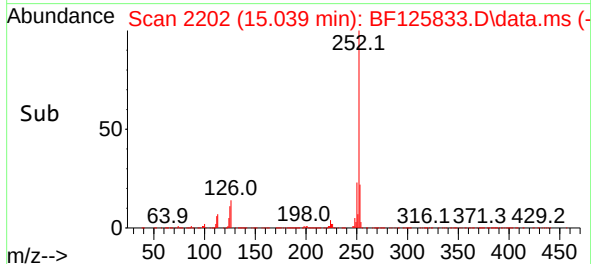
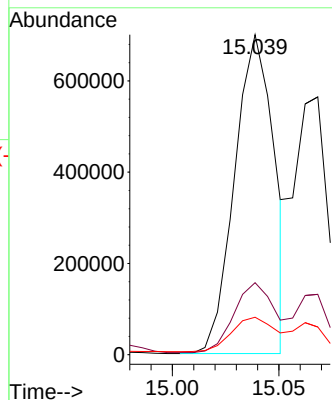
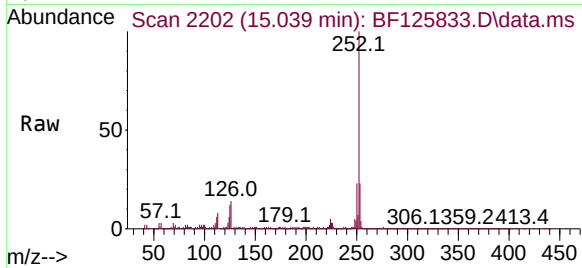




#88
Benzo(b)fluoranthene
Concen: 67.550 ng
RT: 15.039 min Scan# 2202
Delta R.T. 0.012 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

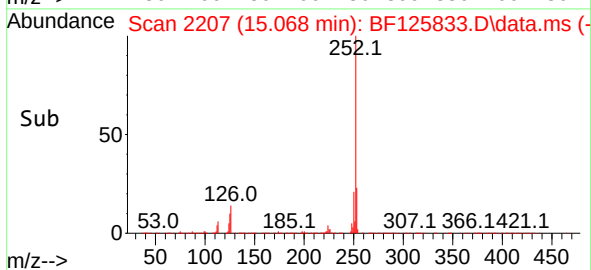
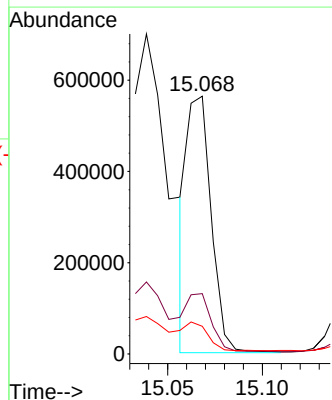
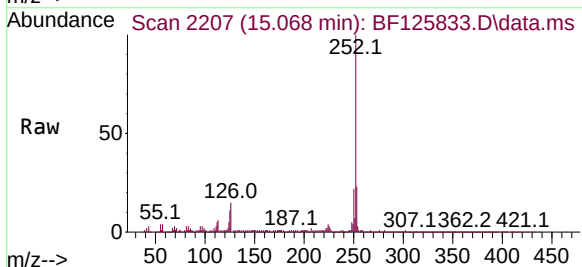
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

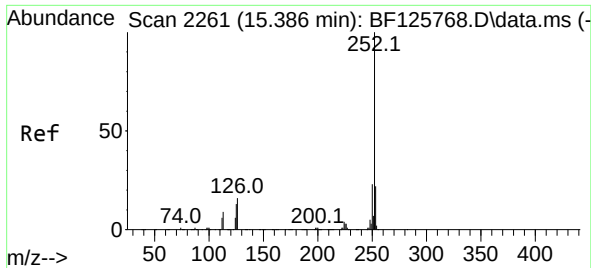
Tgt Ion:252 Resp: 906049
Ion Ratio Lower Upper
252 100
253 22.5 16.8 25.2
125 11.7 9.8 14.8



#89
Benzo(k)fluoranthene
Concen: 36.151 ng
RT: 15.068 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:252 Resp: 497847
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 10.8 7.2 10.8

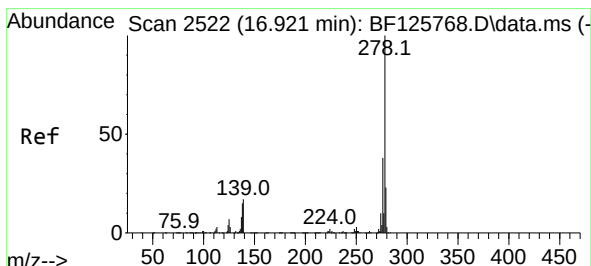
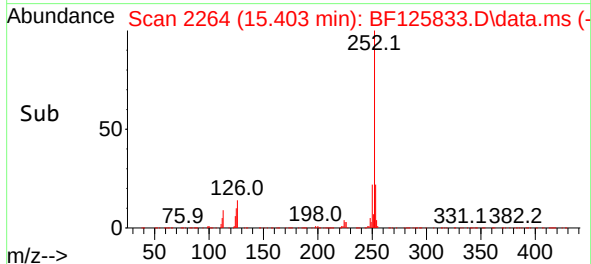
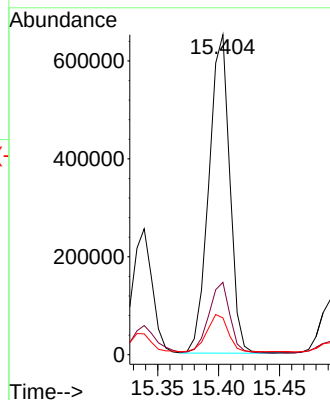
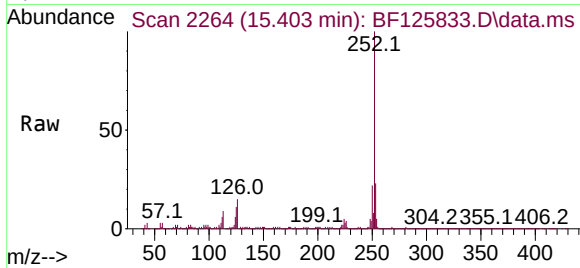




#90
Benzo(a)pyrene
Concen: 65.345 ng
RT: 15.403 min Scan# 2264
Delta R.T. 0.012 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

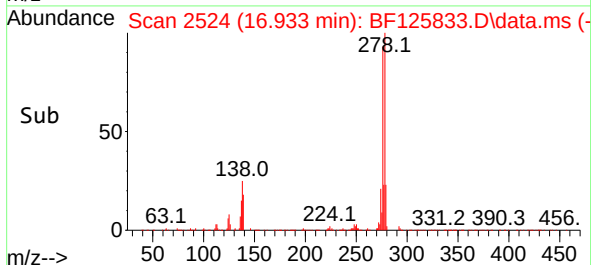
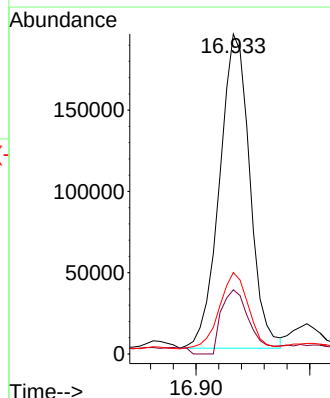
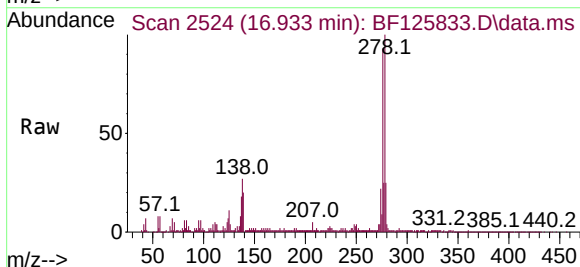
Instrument :
BNA_F
ClientSampleId :
CL-02-101221MSD

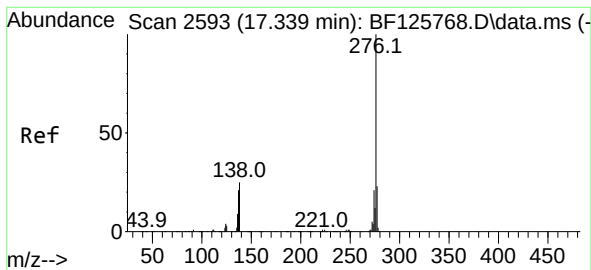
Tgt Ion:252 Resp: 776180
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 11.5 9.9 14.9



#91
Dibenzo(a,h)anthracene
Concen: 23.911 ng
RT: 16.933 min Scan# 2524
Delta R.T. 0.006 min
Lab File: BF125833.D
Acq: 13 Oct 2021 18:49

Tgt Ion:278 Resp: 357662
Ion Ratio Lower Upper
278 100
139 20.1 14.9 22.3
279 25.5 19.7 29.5





#92

Benzo(g,h,i)perylene

Concen: 36.029 ng

RT: 17.362 min Scan# 2597

Delta R.T. 0.012 min

Lab File: BF125833.D

Acq: 13 Oct 2021 18:49

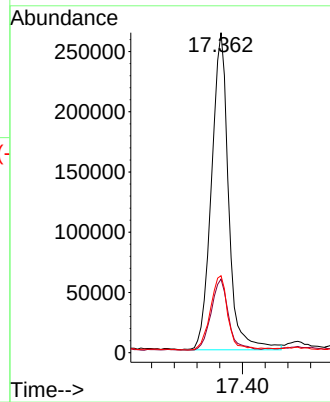
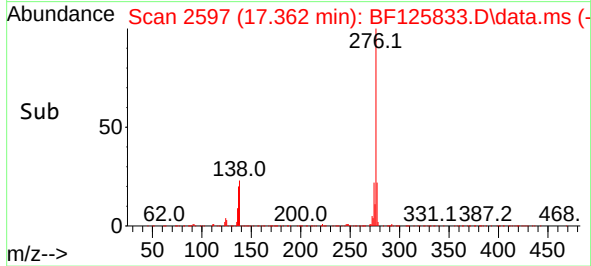
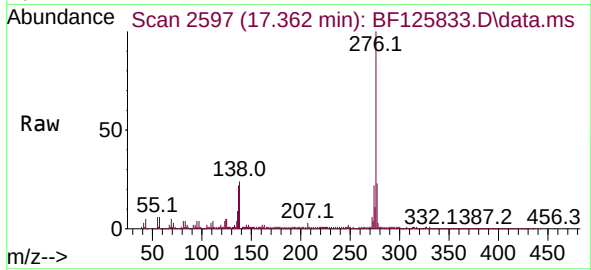
Tgt Ion: 276 Resp: 550352

Ion Ratio Lower Upper

276 100

277 23.0 22.0 33.0

138 24.0 22.2 33.4



Instrument :

BNA_F

ClientSampleId :

CL-02-101221MSD