

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081021\
 Data File : BF125038.D
 Acq On : 10 Aug 2021 19:25
 Operator : JU/CG
 Sample : M3308-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11930MSD

Quant Time: Aug 11 04:14:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 10 11:32:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	4469	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	17988	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	10344	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	18601	20.000	ng	0.00
76) Chrysene-d12	13.974	240	10532	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	10409	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	35235	129.154	ng	0.02
7) Phenol-d6	6.457	99	39506	114.843	ng	0.00
23) Nitrobenzene-d5	7.381	82	34618	100.676	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	14144	153.052	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	59567	84.262	ng	0.00
79) Terphenyl-d14	12.921	244	65378	104.710	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	4473	43.825	ng	# 100
3) Pyridine	3.440	79	7324	30.882	ng	95
4) n-Nitrosodimethylamine	3.369	42	8241	48.932	ng	# 82
6) Aniline	6.481	93	7914	21.779	ng	# 73
8) 2-Chlorophenol	6.604	128	13161	43.979	ng	81
9) Benzaldehyde	6.369	77	6836	36.526	ng	89
10) Phenol	6.475	94	15703	44.241	ng	85
11) bis(2-Chloroethyl)ether	6.551	93	14735	55.338	ng	94
12) 1,3-Dichlorobenzene	6.833	146	14574	44.745	ng	95
13) 1,4-Dichlorobenzene	6.833	146	14574	44.759	ng	97
14) 1,2-Dichlorobenzene	6.833	146	14574	47.761	ng	98
15) Benzyl Alcohol	6.963	79	13560	54.647	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.086	45	20901	48.994	ng	77
17) 2-Methylphenol	7.075	107	11142	49.740	ng	# 89
18) Hexachloroethane	7.322	117	6287	49.317	ng	94
19) n-Nitroso-di-n-propyla...	7.233	70	11830	57.958	ng	# 75
20) 3+4-Methylphenols	7.228	107	14096	47.403	ng	# 60
22) Acetophenone	7.228	105	22033	50.014	ng	# 90
24) Nitrobenzene	7.404	77	16955	50.958	ng	91
25) Isophorone	7.639	82	29482	50.235	ng	# 89
26) 2-Nitrophenol	7.716	139	7451	44.099	ng	# 67
27) 2,4-Dimethylphenol	7.757	122	12260	51.188	ng	87
28) bis(2-Chloroethoxy)met...	7.845	93	18827	56.366	ng	# 94
29) 2,4-Dichlorophenol	7.957	162	11513	43.145	ng	92
30) 1,2,4-Trichlorobenzene	8.039	180	13137	43.930	ng	97
31) Naphthalene	8.122	128	40583	43.912	ng	98
32) Benzoic acid	7.898	122	8128	55.823	ng	82
33) 4-Chloroaniline	8.169	127	2976	8.641	ng	# 82
34) Hexachlorobutadiene	8.233	225	8678	48.593	ng	97
35) Caprolactam	8.598	113	988	13.943	ng	98
36) 4-Chloro-3-methylphenol	8.657	107	14666	52.541	ng	# 79
37) 2-Methylnaphthalene	8.810	142	27069	43.563	ng	98
38) 1-Methylnaphthalene	8.910	142	25662	44.136	ng	96
40) 1,2,4,5-Tetrachloroben...	8.975	216	13711	46.180	ng	95
41) Hexachlorocyclopentadiene	8.963	237	13006	112.749	ng	91
43) 2,4,6-Trichlorophenol	9.092	196	8854	44.796	ng	96

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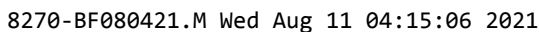
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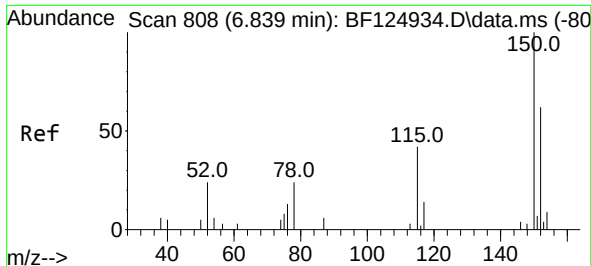
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	9431	47.137	ng	94
46) 1,1'-Biphenyl	9.275	154	32629	42.330	ng	96
47) 2-Chloronaphthalene	9.298	162	26566	43.319	ng	94
48) 2-Nitroaniline	9.398	65	10352	57.464	ng #	75
49) Acenaphthylene	9.716	152	40578	43.560	ng	98
50) Dimethylphthalate	9.580	163	33984	48.481	ng	98
51) 2,6-Dinitrotoluene	9.645	165	7230	46.320	ng	92
52) Acenaphthene	9.886	154	24475	43.339	ng	96
53) 3-Nitroaniline	9.810	138	3408	20.730	ng #	57
54) 2,4-Dinitrophenol	9.922	184	7662	95.665	ng	91
55) Dibenzofuran	10.057	168	38616	43.754	ng	98
56) 4-Nitrophenol	9.986	139	8846	81.627	ng #	62
57) 2,4-Dinitrotoluene	10.051	165	10299	48.599	ng #	91
58) Fluorene	10.404	166	29872	44.141	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.180	232	7305	48.662	ng #	97
60) Diethylphthalate	10.274	149	36508	50.751	ng	96
61) 4-Chlorophenyl-phenyle...	10.392	204	15349	48.029	ng	94
62) 4-Nitroaniline	10.427	138	5385	33.737	ng	84
63) Azobenzene	10.551	77	37581	53.424	ng	87
65) 4,6-Dinitro-2-methylph...	10.457	198	4662	40.007	ng	96
66) n-Nitrosodiphenylamine	10.516	169	26320	43.657	ng	98
67) 4-Bromophenyl-phenylether	10.880	248	9822	48.209	ng	95
68) Hexachlorobenzene	10.945	284	10532	47.516	ng	92
69) Atrazine	11.045	200	8902	49.139	ng	90
70) Pentachlorophenol	11.145	266	10651	100.689	ng	94
71) Phenanthrene	11.363	178	44578	44.179	ng	99
72) Anthracene	11.416	178	45748	45.195	ng	98
73) Carbazole	11.574	167	36886	39.736	ng	100
74) Di-n-butylphthalate	11.898	149	57904	49.081	ng #	98
75) Fluoranthene	12.551	202	42665	40.873	ng	96
77) Benzidine	12.915	184	1089	3.864	ng #	69
78) Pyrene	12.780	202	42880	51.689	ng	99
80) Butylbenzylphthalate	13.392	149	18913	51.230	ng #	85
81) Benzo(a)anthracene	13.962	228	30638	44.640	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	3286	18.160	ng	97
83) Chrysene	14.004	228	29693	44.753	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	28925	56.480	ng	95
85) Di-n-octyl phthalate	14.557	149	42063	52.061	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	32838	52.977	ng #	90
88) Benzo(b)fluoranthene	15.004	252	29862	40.858	ng #	93
89) Benzo(k)fluoranthene	15.033	252	28177	42.380	ng	94
90) Benzo(a)pyrene	15.368	252	27783	44.641	ng #	93
91) Dibenzo(a,h)anthracene	16.892	278	29267	53.701	ng #	89
92) Benzo(g,h,i)perylene	17.315	276	28600	54.707	ng #	88

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

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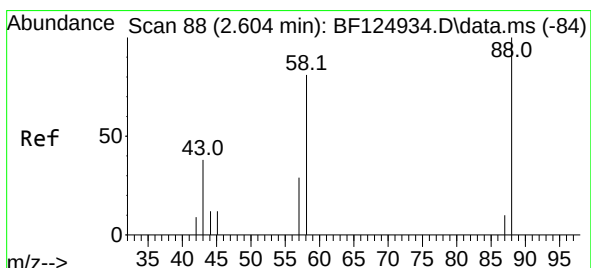
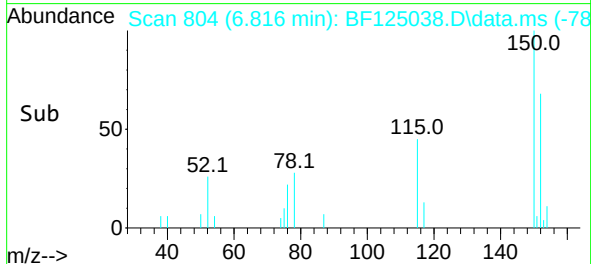
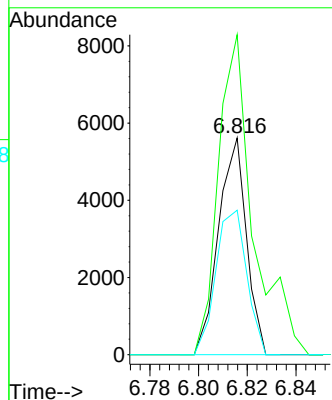
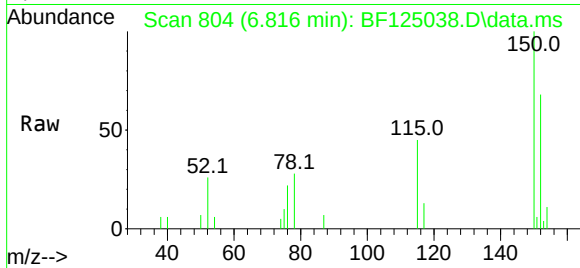




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 804
 Delta R.T. -0.000 min
 Lab File: BF125038.D
 Acq: 10 Aug 2021 19:25

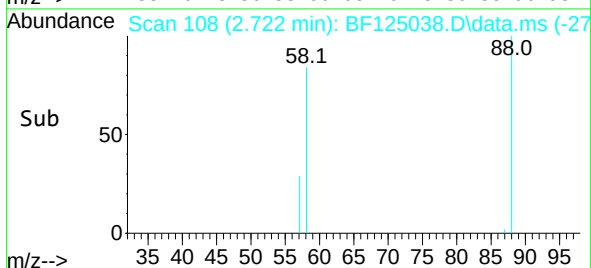
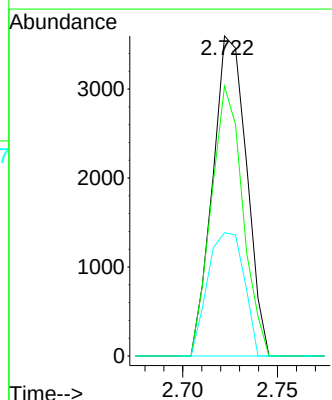
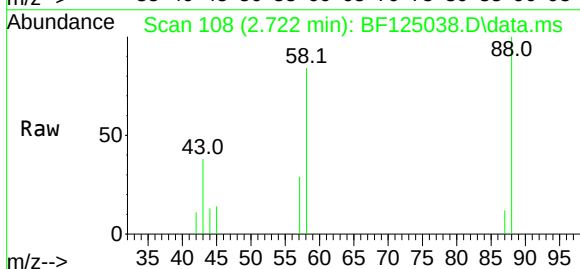
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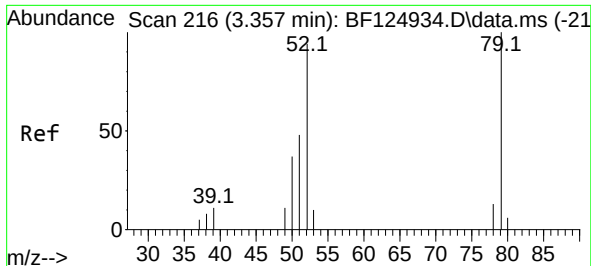
Tgt Ion:152 Resp: 4469
 Ion Ratio Lower Upper
 152 100
 150 147.6 117.6 176.4
 115 66.7 47.1 70.7



#2
 1,4-Dioxane
 Concen: 43.825 ng
 RT: 2.722 min Scan# 108
 Delta R.T. 0.176 min
 Lab File: BF125038.D
 Acq: 10 Aug 2021 19:25

Tgt Ion: 88 Resp: 4473
 Ion Ratio Lower Upper
 88 100
 58 78.6 0.0 0.0#
 43 0.0 0.0 0.0

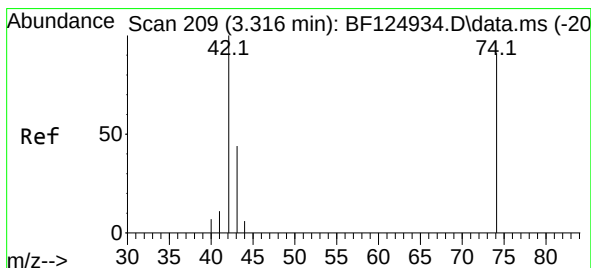
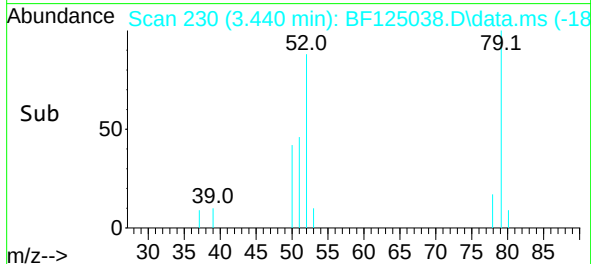
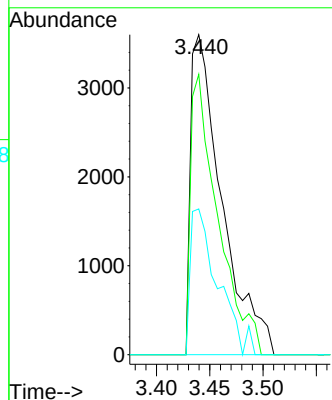
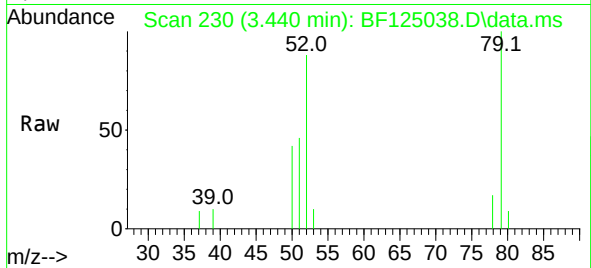




#3
Pyridine
Concen: 30.882 ng
RT: 3.440 min Scan# 230
Delta R.T. 0.147 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

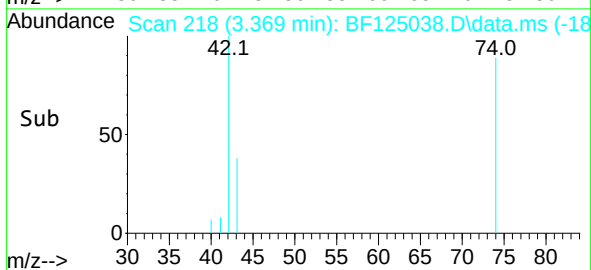
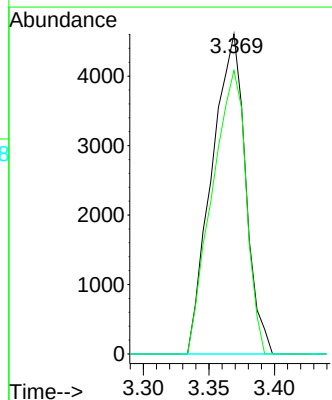
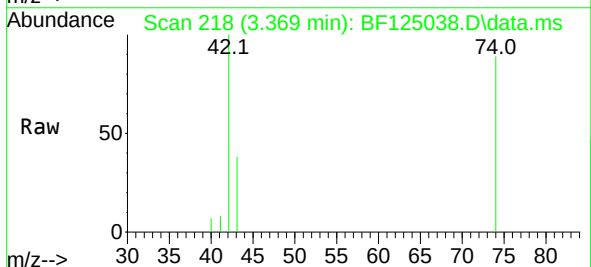
Instrument :
BNA_F
ClientSampleId :
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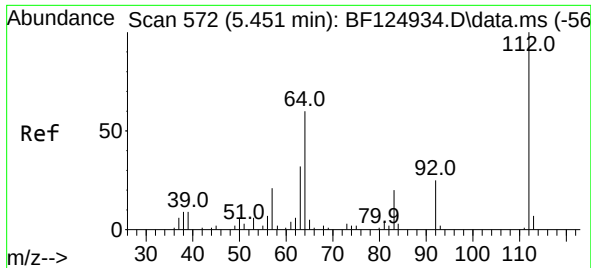
Tgt Ion: 79 Resp: 7324
Ion Ratio Lower Upper
79 100
52 87.6 70.3 105.5
51 45.5 44.1 66.1



#4
n-Nitrosodimethylamine
Concen: 48.932 ng
RT: 3.369 min Scan# 218
Delta R.T. 0.118 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion: 42 Resp: 8241
Ion Ratio Lower Upper
42 100
74 88.6 59.0 88.6#
44 0.0 0.0 0.0

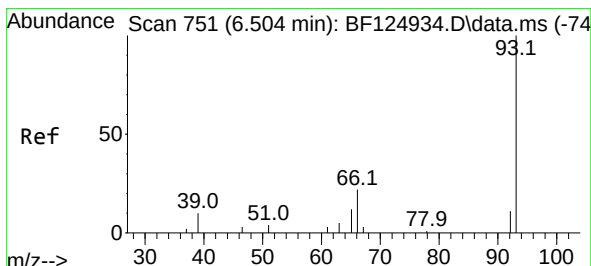
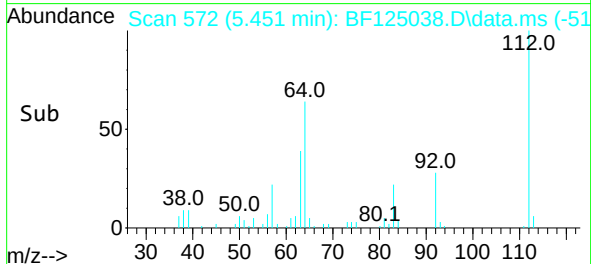
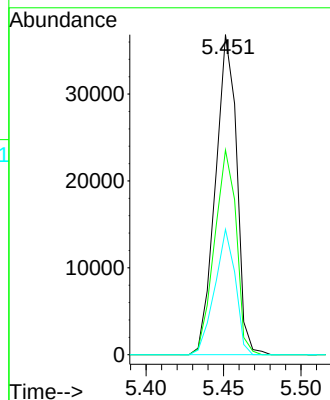
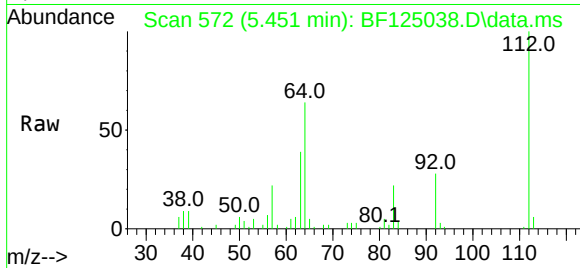




#5
2-Fluorophenol
Concen: 129.154 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.018 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

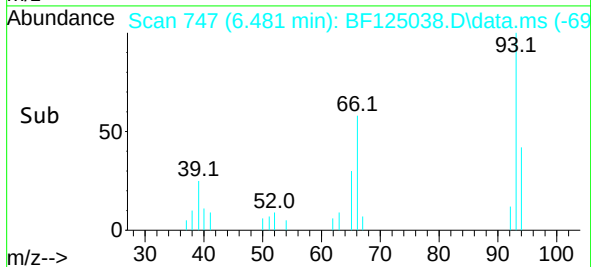
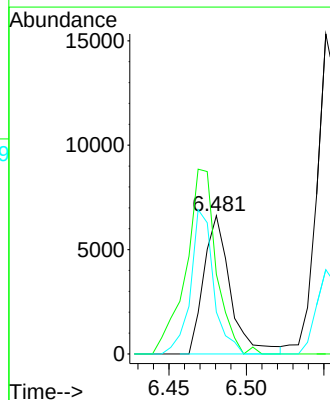
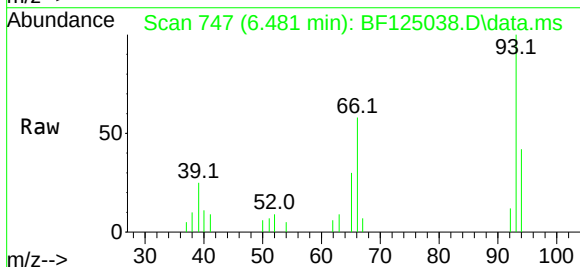
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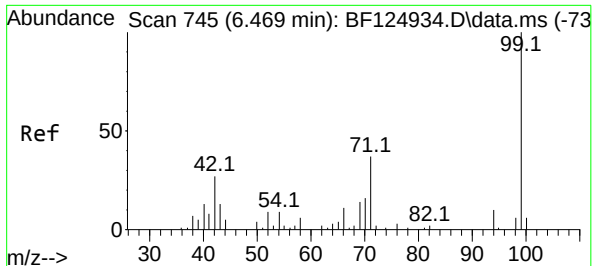
Tgt Ion:112 Resp: 35235
Ion Ratio Lower Upper
112 100
64 63.9 44.2 66.2
63 39.1 26.2 39.2



#6
Aniline
Concen: 21.779 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion: 93 Resp: 7914
Ion Ratio Lower Upper
93 100
66 57.6 32.7 49.1#
65 30.3 14.2 21.4#

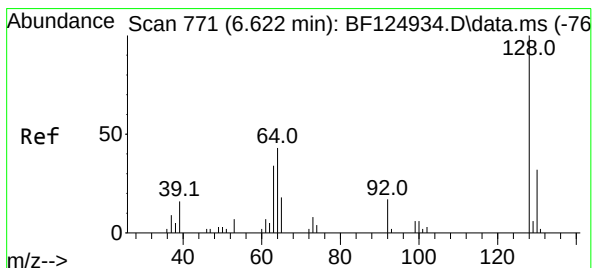
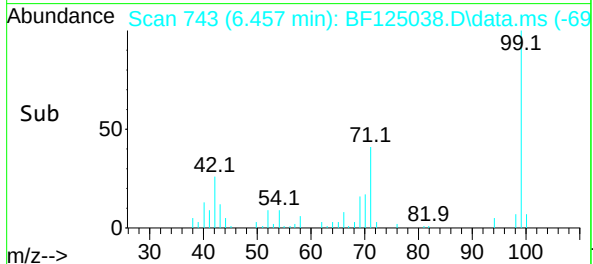
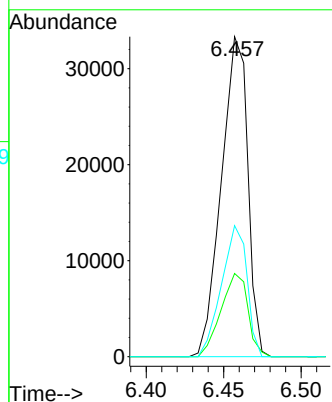
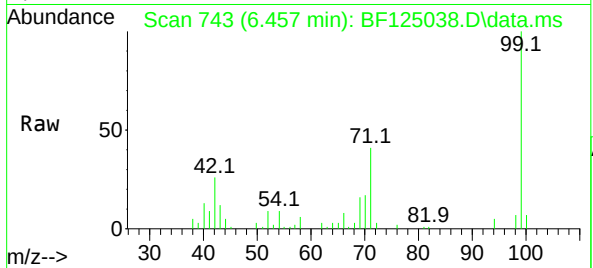




#7
Phenol-d6
Concen: 114.843 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

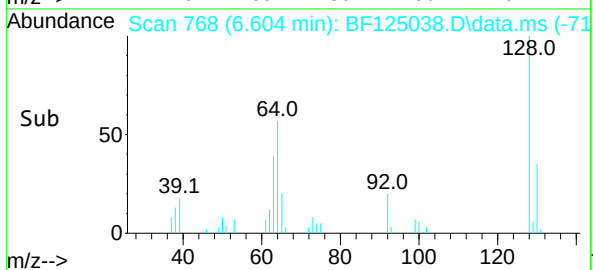
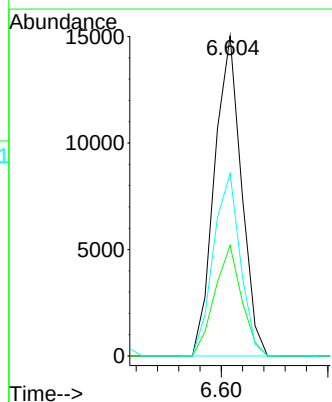
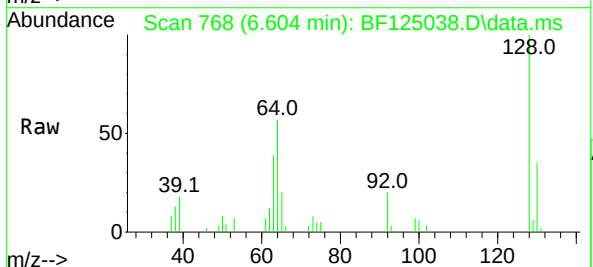
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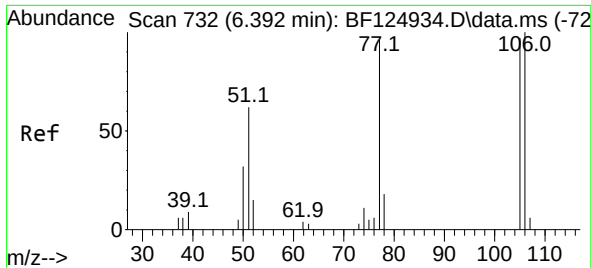
Tgt Ion: 99 Resp: 39506
Ion Ratio Lower Upper
99 100
42 26.0 23.5 35.3
71 40.9 25.6 38.4#



#8
2-Chlorophenol
Concen: 43.979 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF125038.D
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Tgt Ion:128 Resp: 13161
Ion Ratio Lower Upper
128 100
130 34.6 10.5 50.5
64 57.0 20.3 60.3

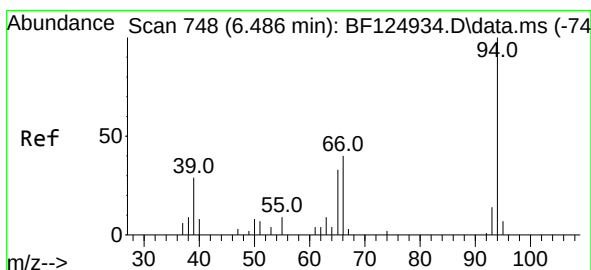
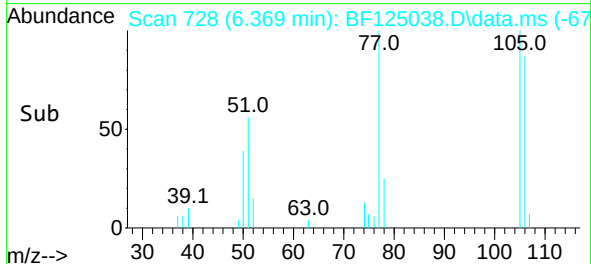
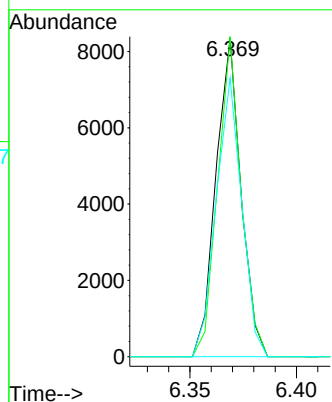
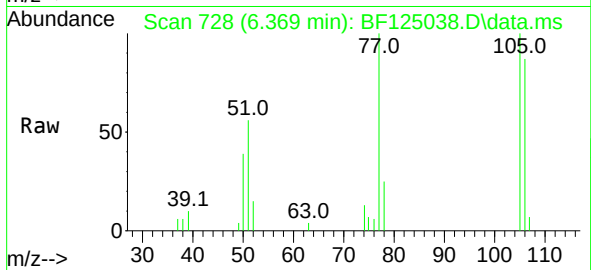




#9
Benzaldehyde
Concen: 36.526 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

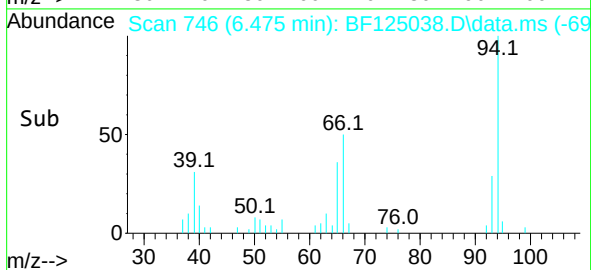
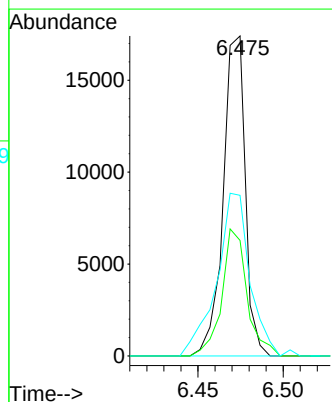
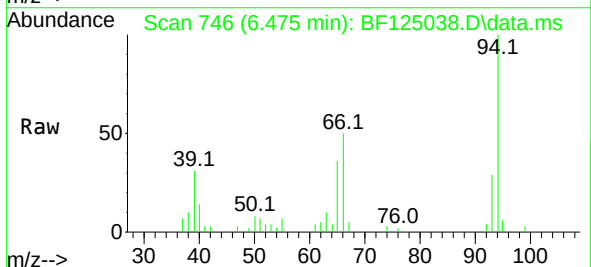
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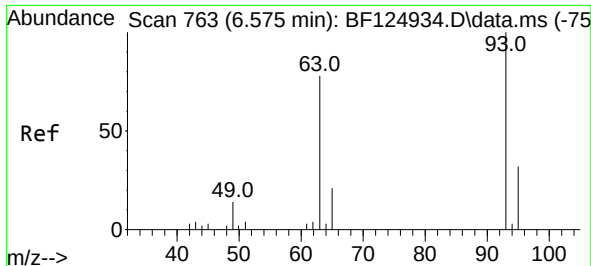
Tgt Ion:	77	Resp:	6836
Ion	Ratio	Lower	Upper
77	100		
105	100.3	75.9	115.9
106	87.3	84.0	124.0



#10
Phenol
Concen: 44.241 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF125038.D
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Tgt Ion:	94	Resp:	15703
Ion	Ratio	Lower	Upper
94	100		
65	36.1	9.3	49.3
66	50.2	20.3	60.3

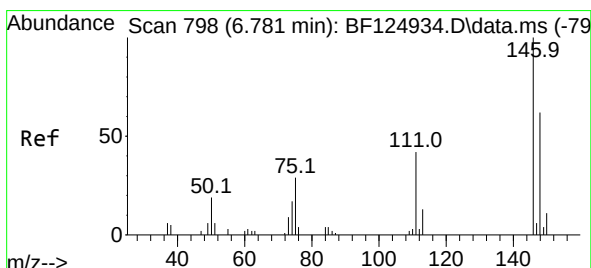
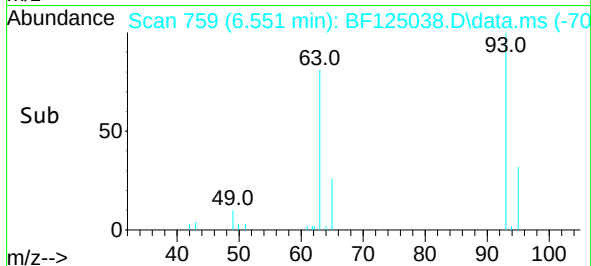
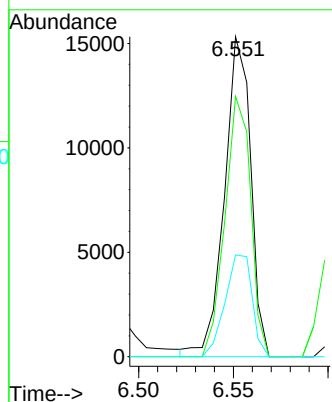
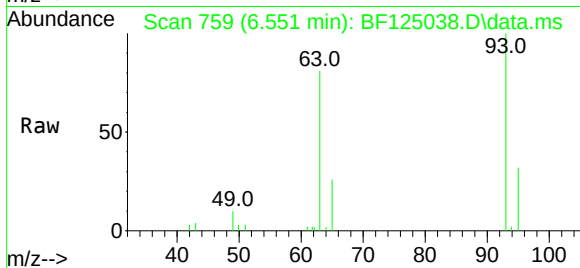




#11
bis(2-Chloroethyl)ether
Concen: 55.338 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

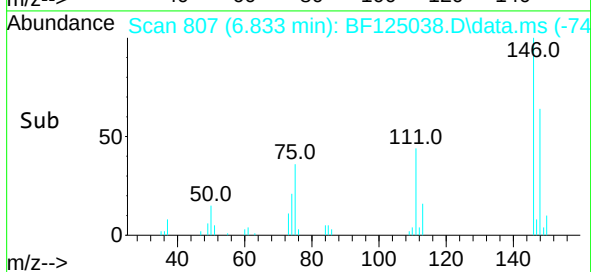
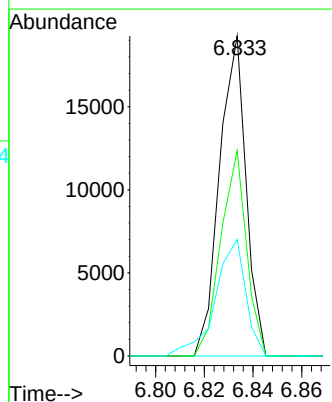
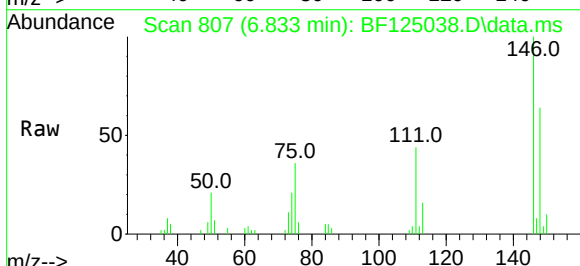
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

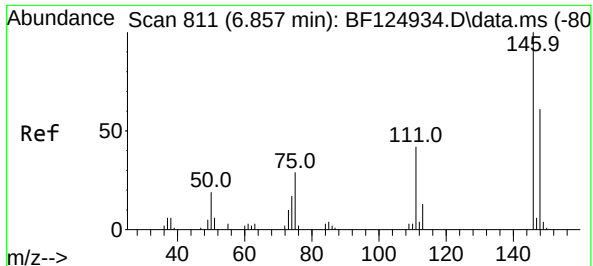
Tgt Ion:	93	Resp:	14735
Ion	Ratio	Lower	Upper
93	100		
63	81.4	54.4	94.4
95	31.8	11.4	51.4



#12
1,3-Dichlorobenzene
Concen: 44.745 ng
RT: 6.833 min Scan# 807
Delta R.T. 0.076 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion:	146	Resp:	14574
Ion	Ratio	Lower	Upper
146	100		
148	64.1	49.7	74.5
75	36.4	25.2	37.8





#13

1,4-Dichlorobenzene

Concen: 44.759 ng

RT: 6.833 min Scan# 807

Delta R.T. -0.000 min

Lab File: BF125038.D

Acq: 10 Aug 2021 19:25

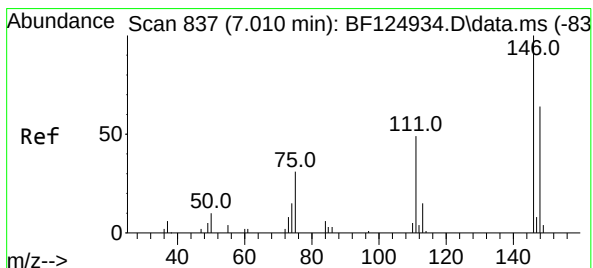
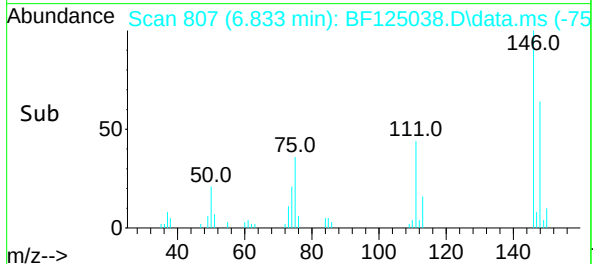
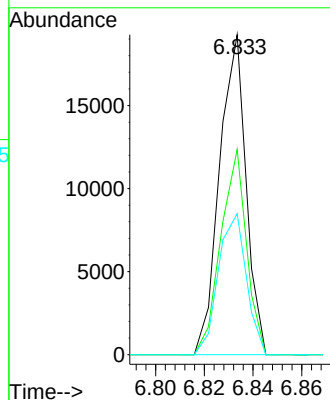
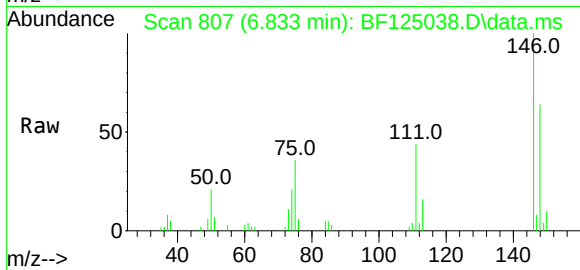
Tgt Ion:146 Resp: 14574

Ion Ratio Lower Upper

146 100

148 64.1 51.9 77.9

111 44.1 31.8 47.6



#14

1,2-Dichlorobenzene

Concen: 47.761 ng

RT: 6.833 min Scan# 807

Delta R.T. -0.153 min

Lab File: BF125038.D

Acq: 10 Aug 2021 19:25

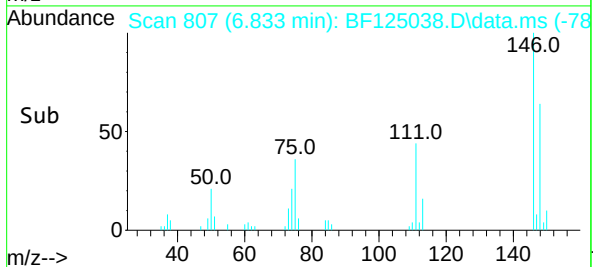
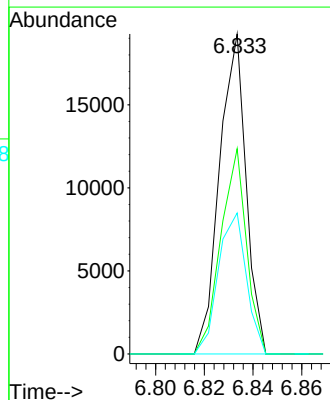
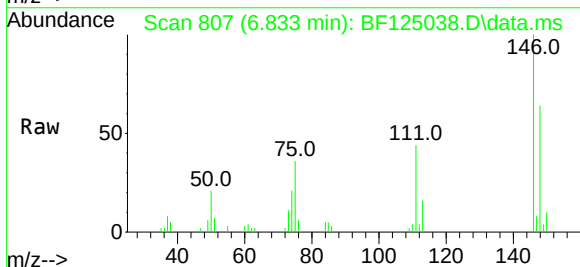
Tgt Ion:146 Resp: 14574

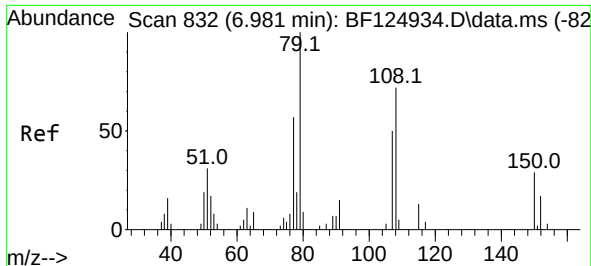
Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

111 44.1 33.5 50.3

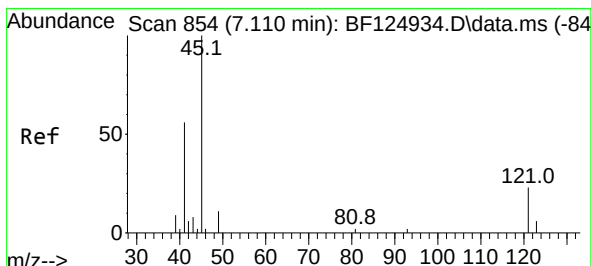
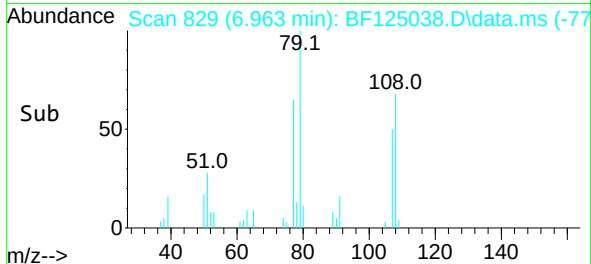
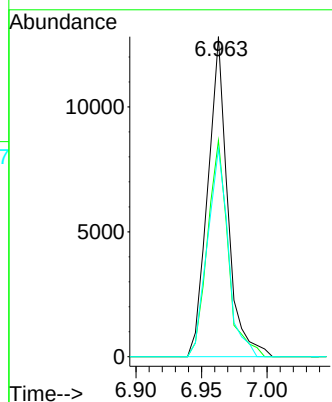
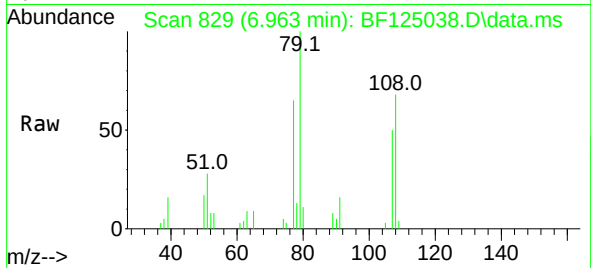




#15
Benzyl Alcohol
Concen: 54.647 ng
RT: 6.963 min Scan# 829
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

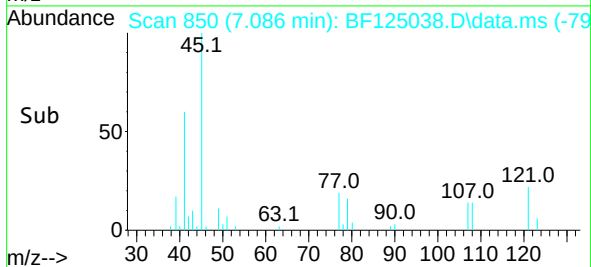
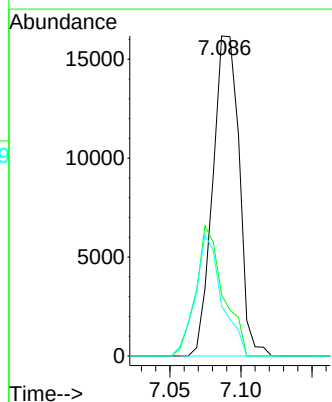
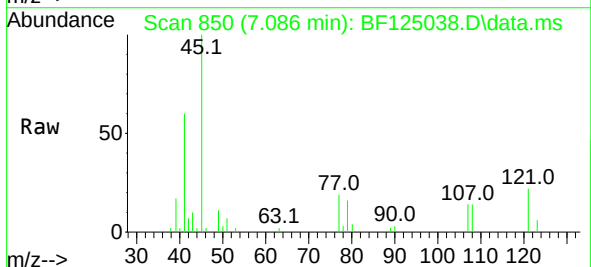
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

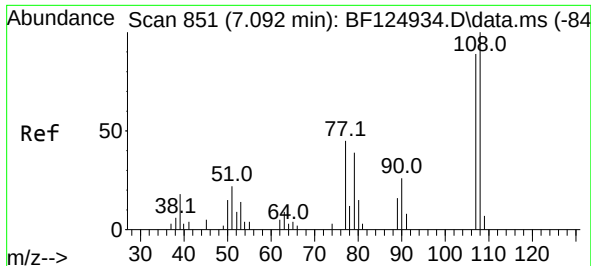
Tgt Ion: 79 Resp: 13560
Ion Ratio Lower Upper
79 100
108 67.6 60.4 90.6
77 65.0 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.994 ng
RT: 7.086 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion: 45 Resp: 20901
Ion Ratio Lower Upper
45 100
77 19.2 0.0 30.6
79 15.6 0.0 27.5

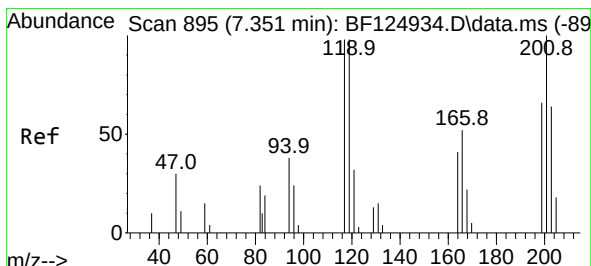
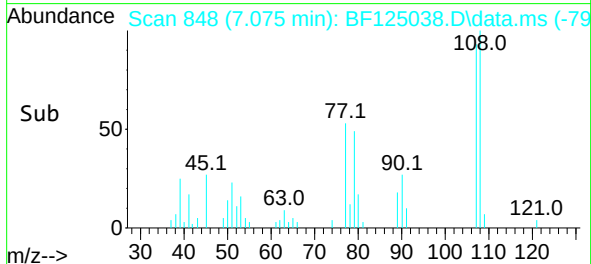
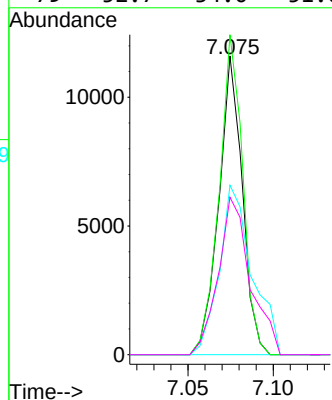
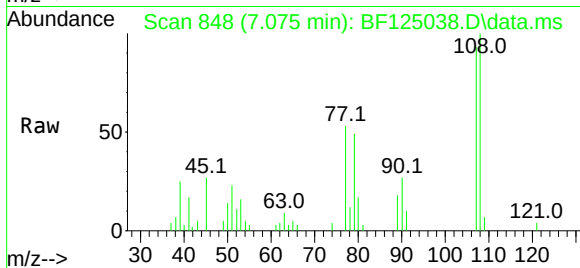




#17
2-Methylphenol
Concen: 49.740 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

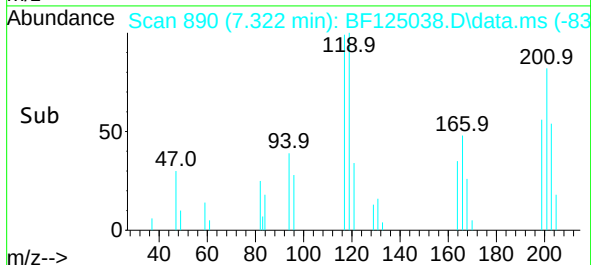
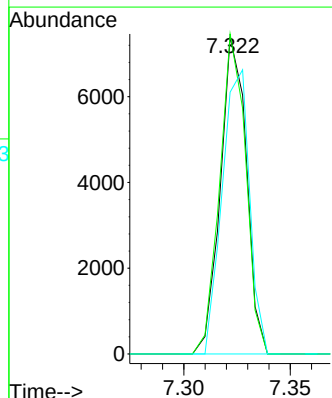
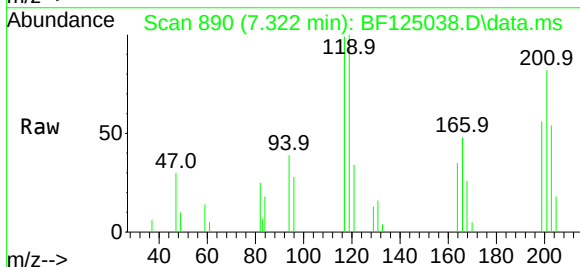
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

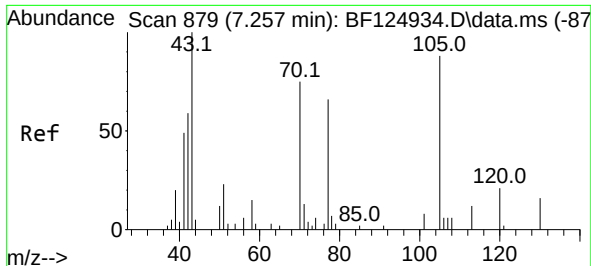
Tgt Ion:	107	Resp:	11142
Ion	Ratio	Lower	Upper
107	100		
108	107.1	90.6	135.8
77	56.7	35.7	53.5#
79	52.7	34.0	51.0#



#18
Hexachloroethane
Concen: 49.317 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion:	117	Resp:	6287
Ion	Ratio	Lower	Upper
117	100		
119	100.9	73.4	110.2
201	82.5	64.9	97.3



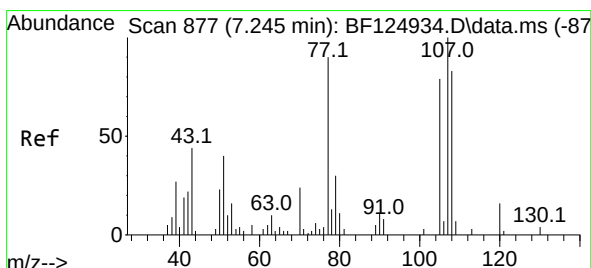
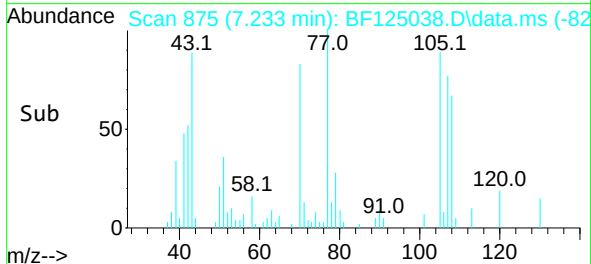
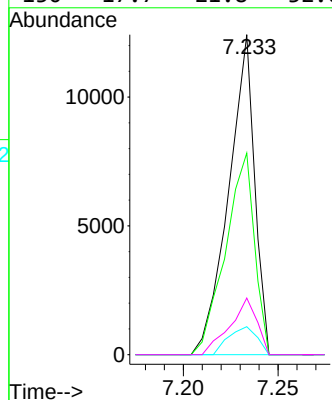
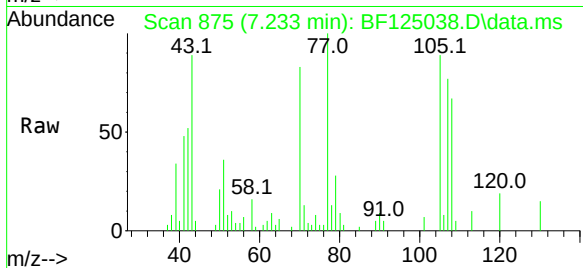


#19

n-Nitroso-di-n-propylamine
Concen: 57.958 ng
RT: 7.233 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Instrument :
BNA_F
ClientSampleId :
72-11930MSD

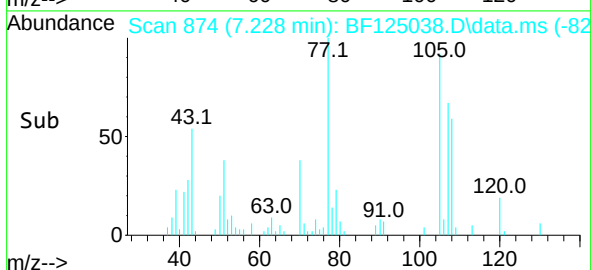
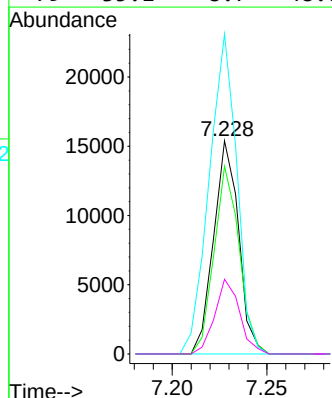
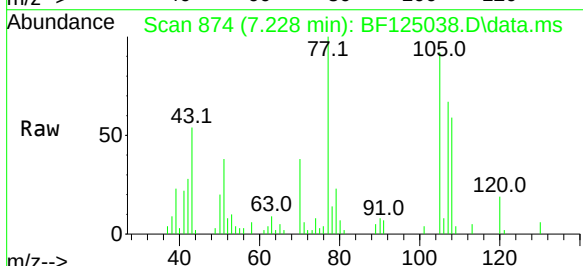
Tgt Ion:	70	Resp:	11830
Ion	Ratio	Lower	Upper
70	100		
42	63.0	72.2	108.2#
101	8.8	7.8	11.8
130	17.7	21.8	32.6#

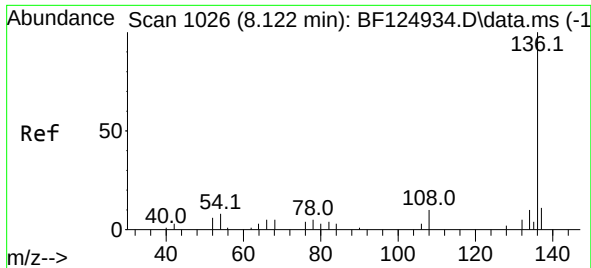


#20

3+4-Methylphenols
Concen: 47.403 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion:	107	Resp:	14096
Ion	Ratio	Lower	Upper
107	100		
108	88.1	76.6	116.6
77	150.1	53.3	93.3#
79	35.1	8.7	48.7

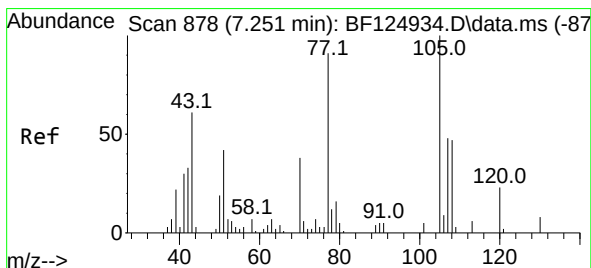
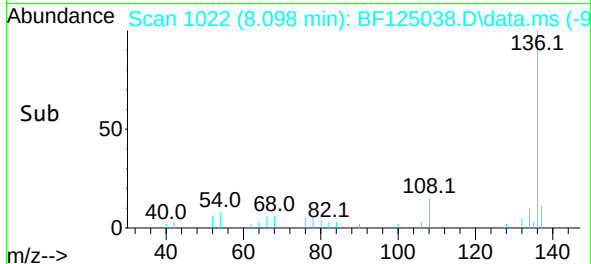
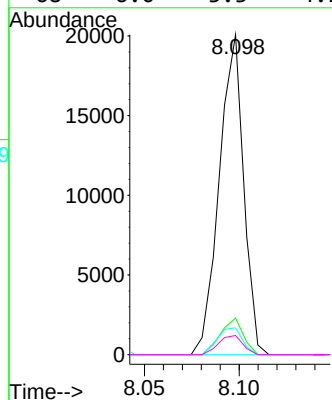
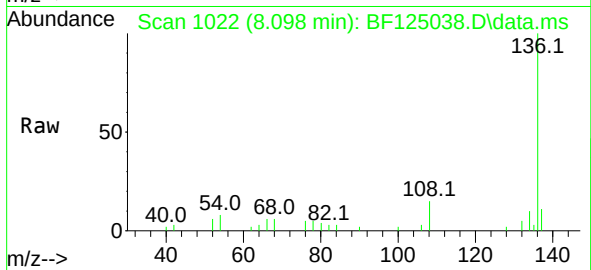




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

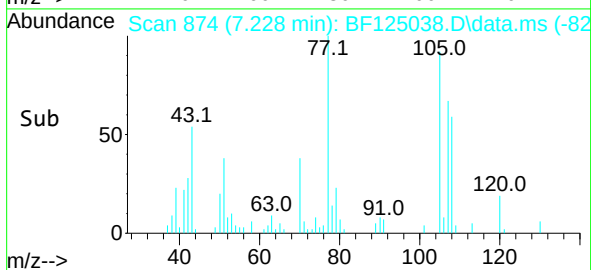
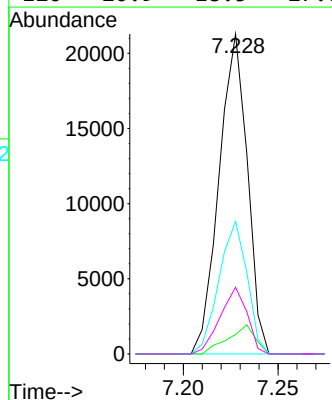
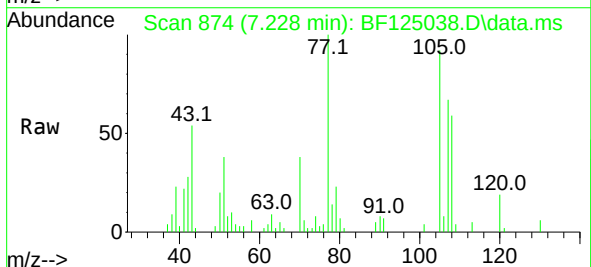
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

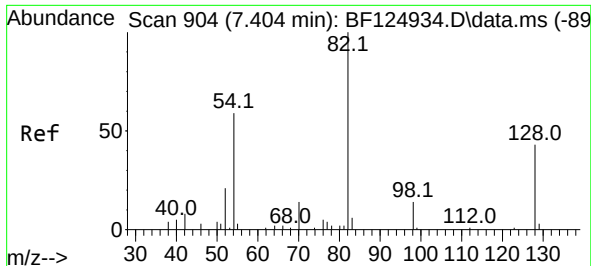
Tgt Ion:136	Resp:	17988
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.8 14.6
54	8.4	6.4 9.6
68	6.0	3.3 4.9#



#22
Acetophenone
Concen: 50.014 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion:105	Resp:	22033
Ion Ratio	Lower	Upper
105	100	
71	6.1	5.5 8.3
51	41.5	26.0 39.0#
120	20.9	18.5 27.7





#23

Nitrobenzene-d5

Concen: 100.676 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF125038.D

Acq: 10 Aug 2021 19:25

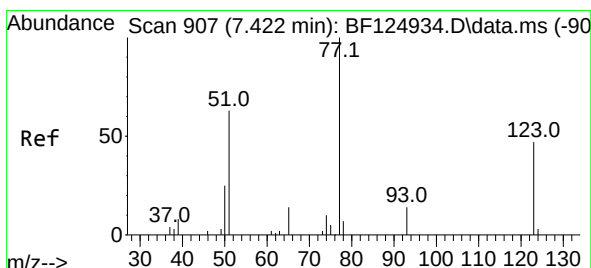
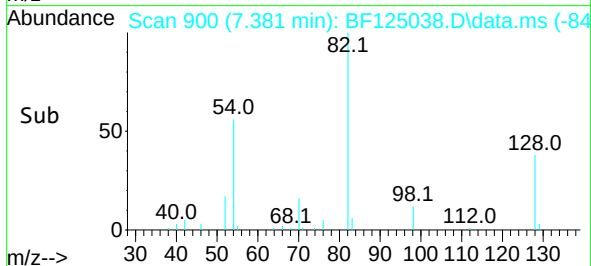
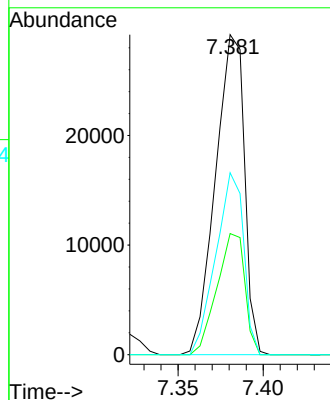
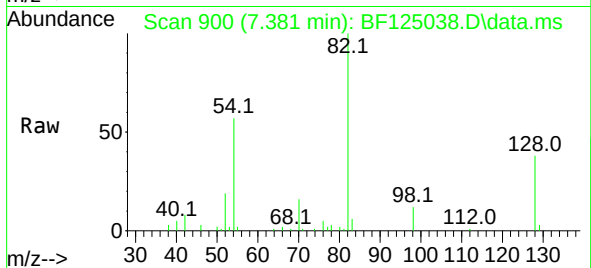
Tgt Ion:	82	Resp:	34618
Ion Ratio	Lower	Upper	
82	100		
128	37.9	40.6	60.8#
54	56.8	49.6	74.4

Instrument :

BNA_F

ClientSampleId :

72-11930MSD



#24

Nitrobenzene

Concen: 50.958 ng

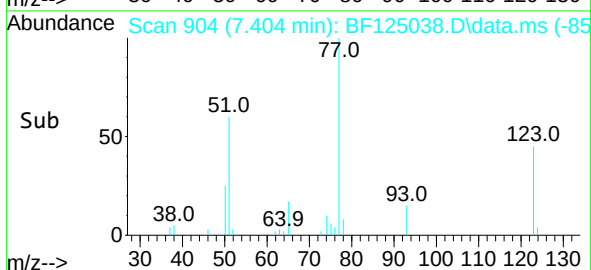
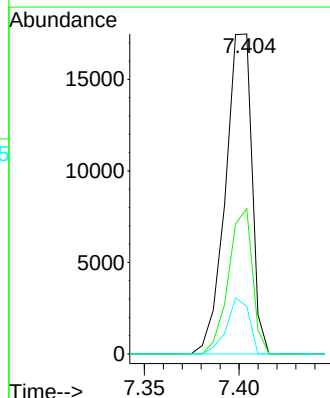
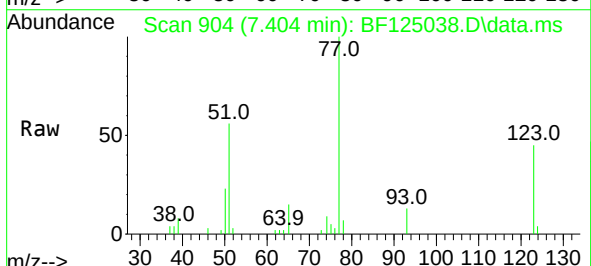
RT: 7.404 min Scan# 904

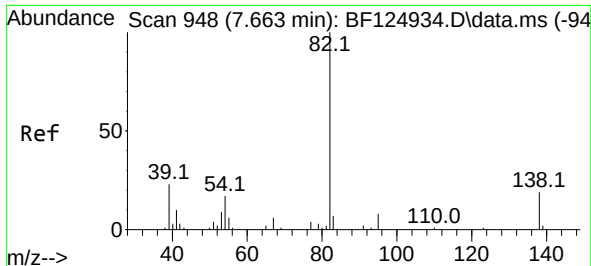
Delta R.T. 0.006 min

Lab File: BF125038.D

Acq: 10 Aug 2021 19:25

Tgt Ion:	77	Resp:	16955
Ion Ratio	Lower	Upper	
77	100		
123	45.4	42.3	63.5
65	14.9	12.4	18.6

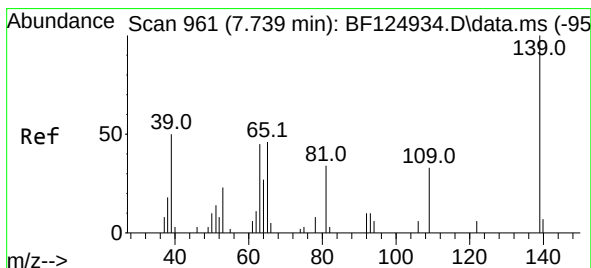
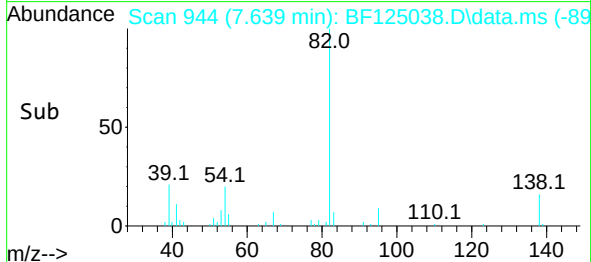
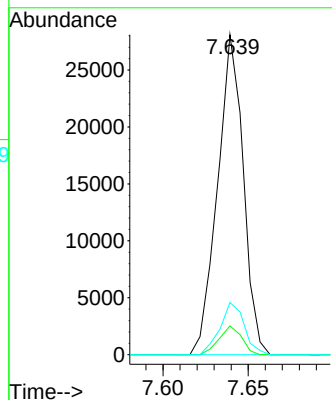
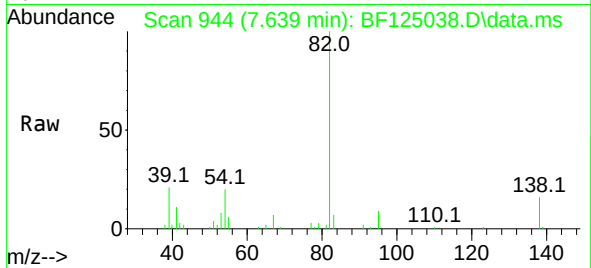




#25
Isophorone
Concen: 50.235 ng
RT: 7.639 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

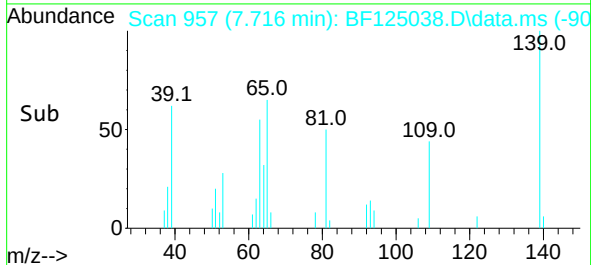
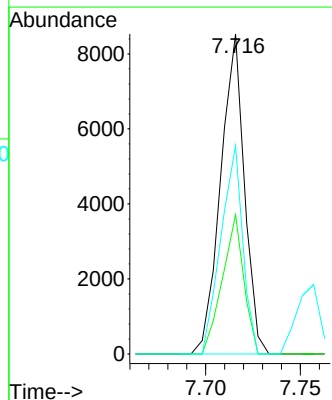
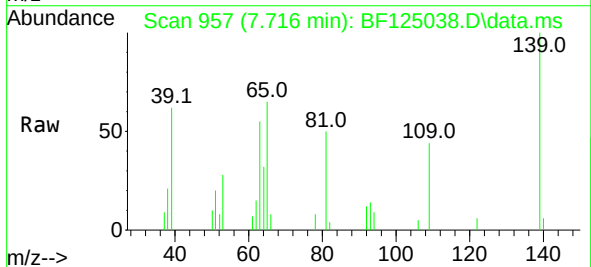
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

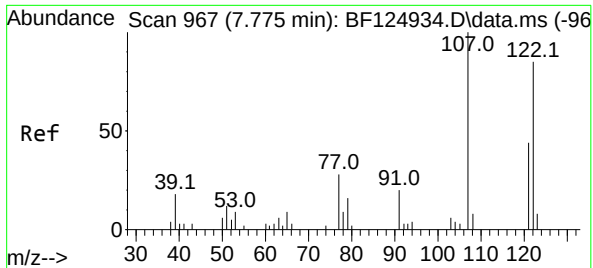
Tgt Ion: 82 Resp: 29482
Ion Ratio Lower Upper
82 100
95 9.0 6.5 9.7
138 16.3 18.4 27.6#



#26
2-Nitrophenol
Concen: 44.099 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion:139 Resp: 7451
Ion Ratio Lower Upper
139 100
109 43.5 26.0 39.0#
65 65.1 31.0 46.4#





#27

2,4-Dimethylphenol

Concen: 51.188 ng

RT: 7.757 min Scan# 964

Delta R.T. 0.006 min

Lab File: BF125038.D

Acq: 10 Aug 2021 19:25

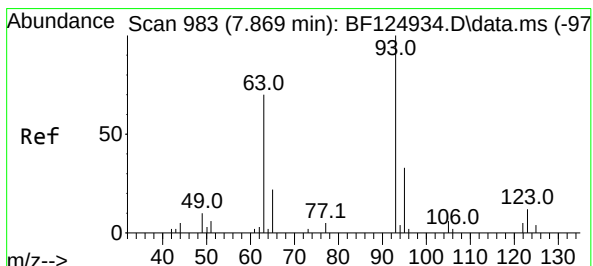
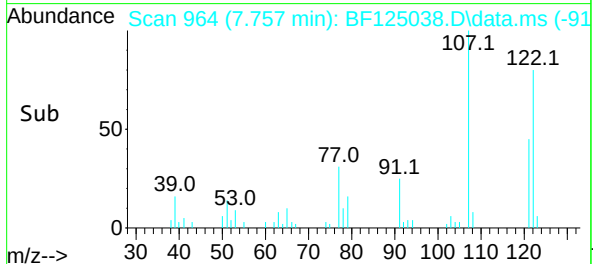
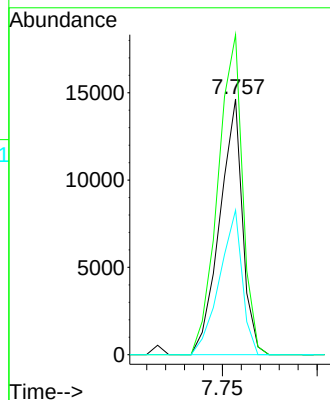
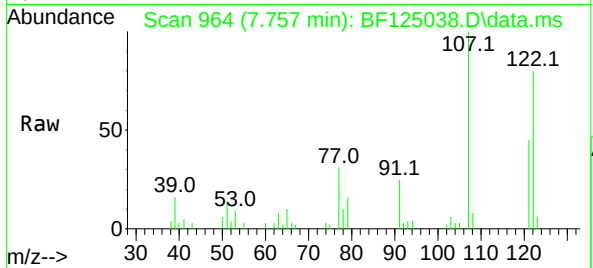
Tgt Ion:	122	Resp:	12260
Ion	Ratio	Lower	Upper
122	100		
107	125.2	85.0	127.6
121	56.5	43.3	64.9

Instrument :

BNA_F

ClientSampleId :

72-11930MSD



#28

bis(2-Chloroethoxy)methane

Concen: 56.366 ng

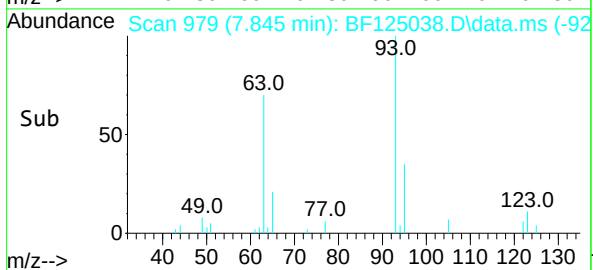
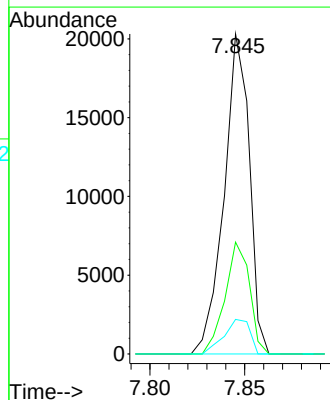
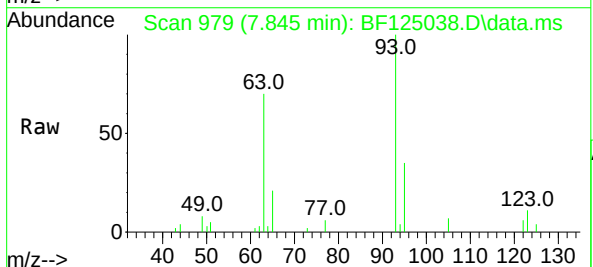
RT: 7.845 min Scan# 979

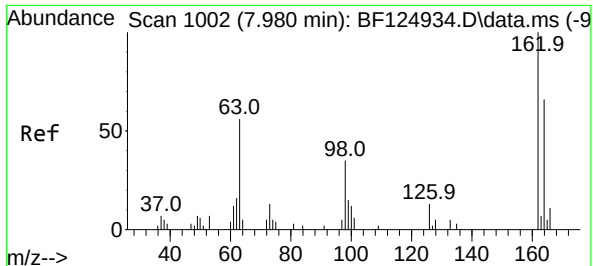
Delta R.T. -0.000 min

Lab File: BF125038.D

Acq: 10 Aug 2021 19:25

Tgt Ion:	93	Resp:	18827
Ion	Ratio	Lower	Upper
93	100		
95	34.9	26.1	39.1
123	10.8	11.7	17.5#

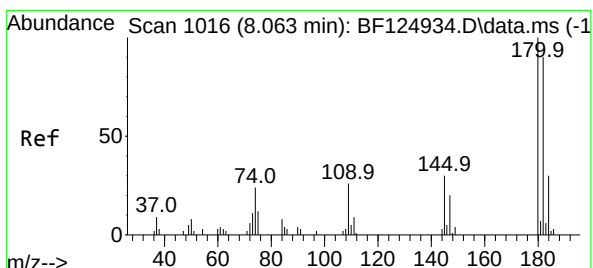
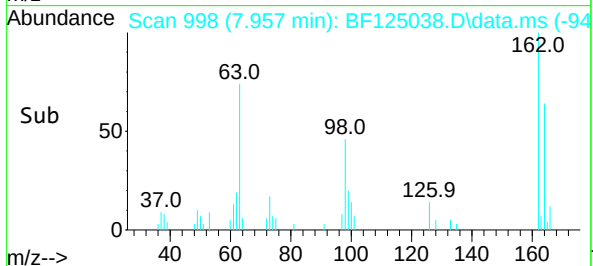
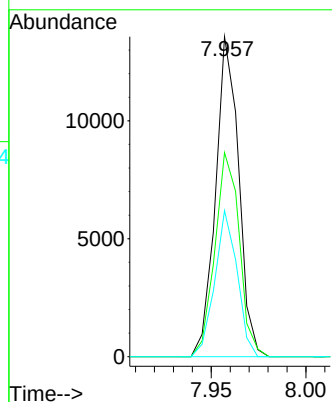
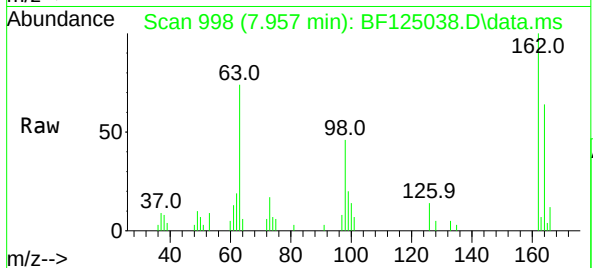




#29
2,4-Dichlorophenol
Concen: 43.145 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

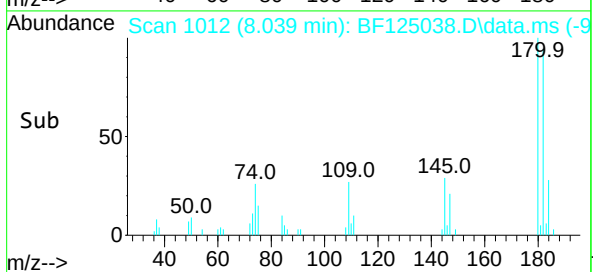
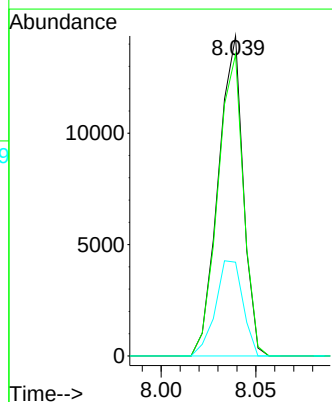
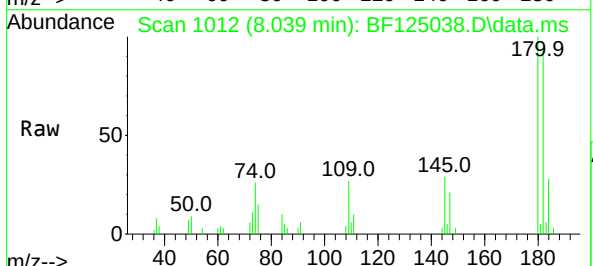
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

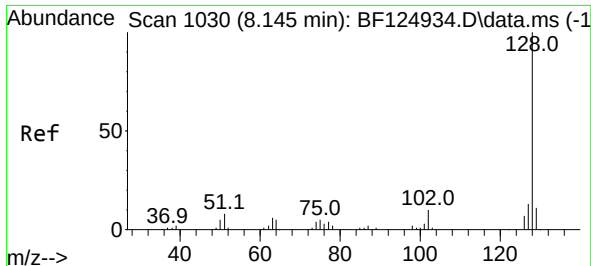
Tgt Ion:162 Resp: 11513
Ion Ratio Lower Upper
162 100
164 63.8 44.5 84.5
98 45.7 13.0 53.0



#30
1,2,4-Trichlorobenzene
Concen: 43.930 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

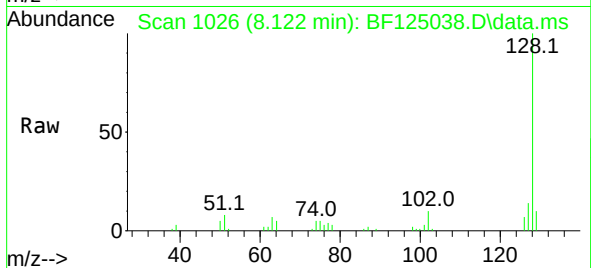
Tgt Ion:180 Resp: 13137
Ion Ratio Lower Upper
180 100
182 94.2 76.8 115.2
145 29.3 26.7 40.1



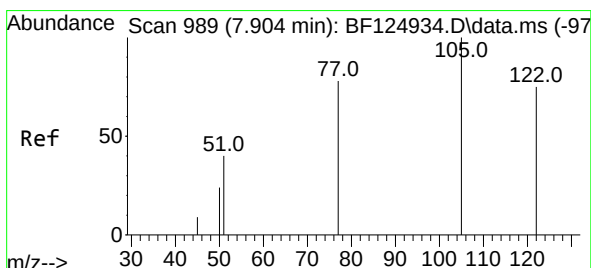
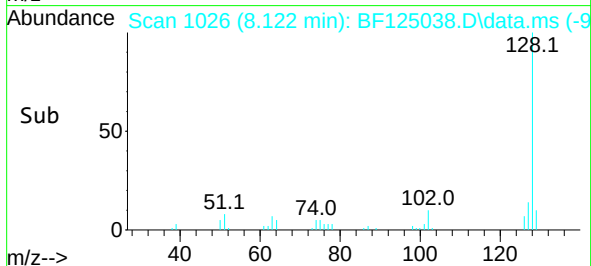
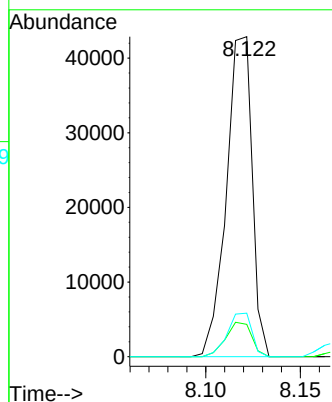


#31
Naphthalene
Concen: 43.912 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Instrument :
BNA_F
ClientSampleId :
72-11930MSD

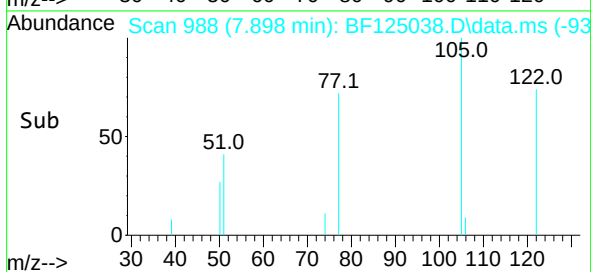
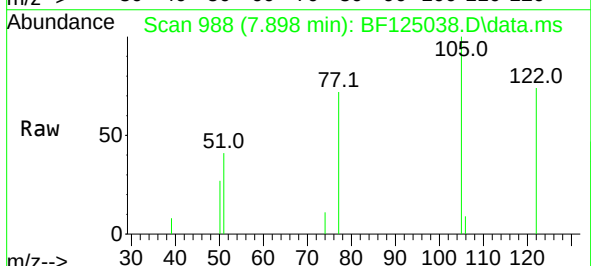
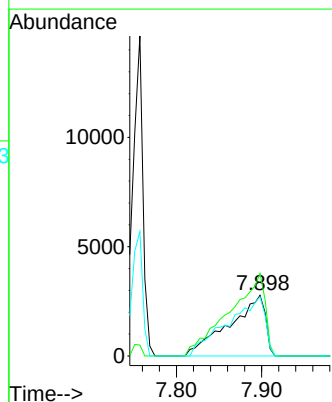


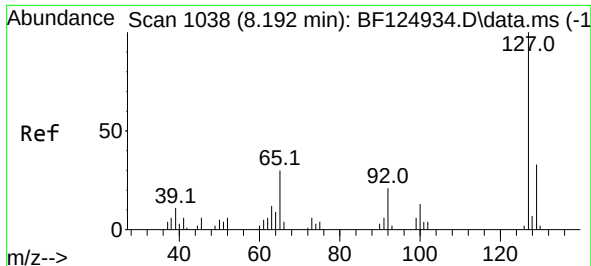
Tgt Ion:128 Resp: 40583
Ion Ratio Lower Upper
128 100
129 10.1 9.4 14.0
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 55.823 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.012 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

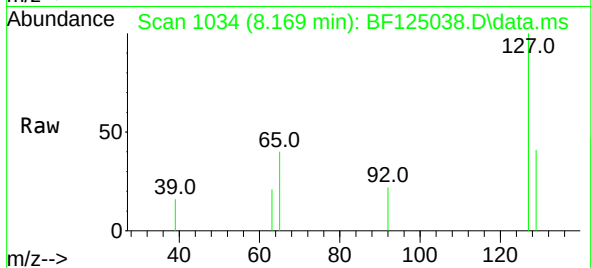
Tgt Ion:122 Resp: 8128
Ion Ratio Lower Upper
122 100
105 135.8 97.6 137.6
77 97.5 59.6 99.6



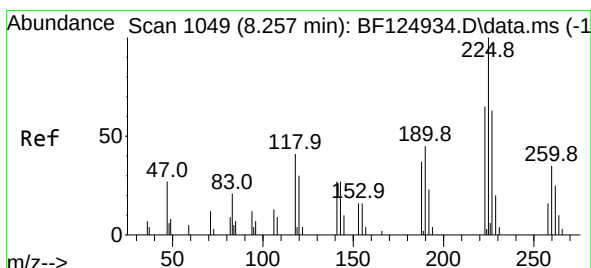
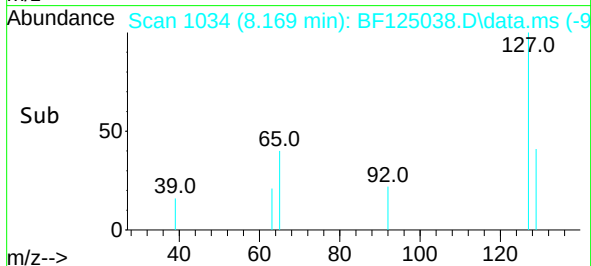
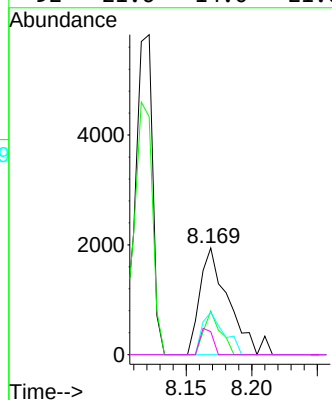


#33
4-Chloroaniline
Concen: 8.641 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Instrument :
BNA_F
ClientSampleId :
72-11930MSD

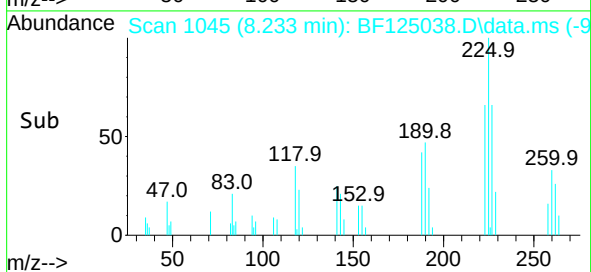
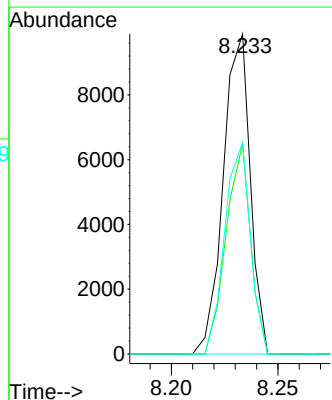
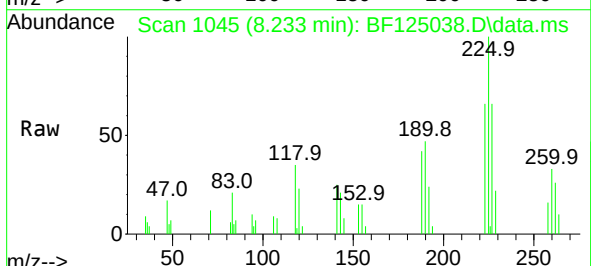


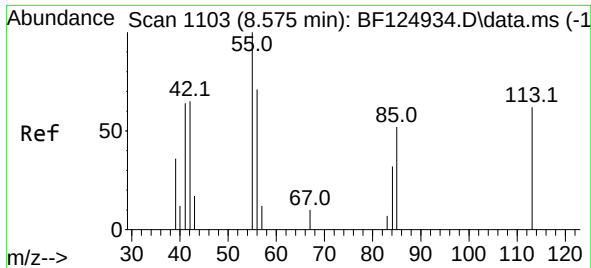
Tgt Ion	Ratio	Lower	Upper
127	100		
129	40.9	25.7	38.5#
65	39.6	21.2	31.8#
92	21.6	14.0	21.0#



#34
Hexachlorobutadiene
Concen: 48.593 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.7	50.6	76.0
227	66.1	50.6	75.8

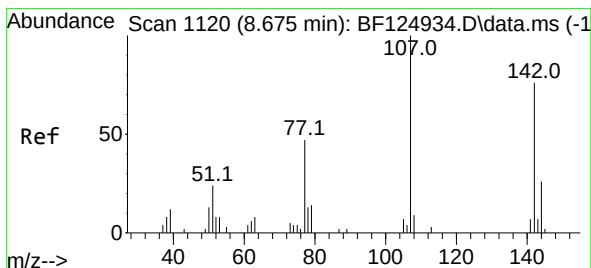
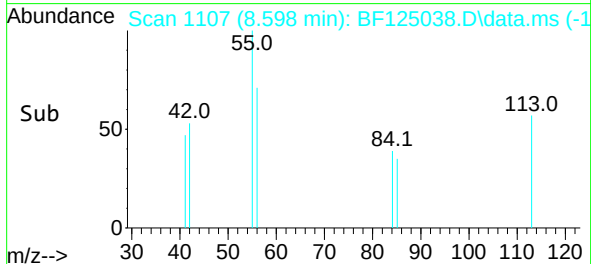
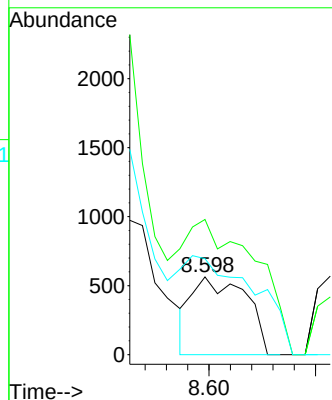
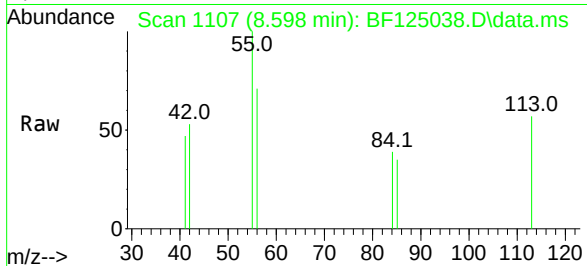




#35
Caprolactam
Concen: 13.943 ng
RT: 8.598 min Scan# 1107
Delta R.T. 0.053 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

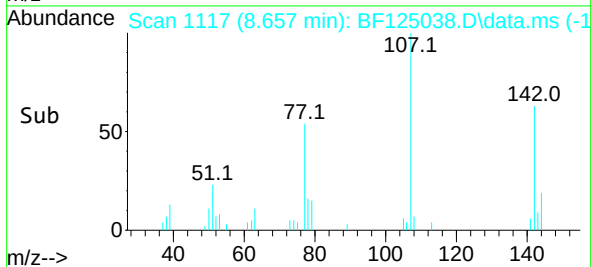
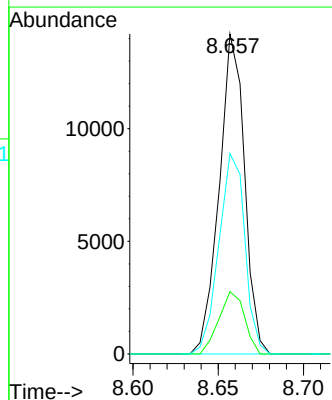
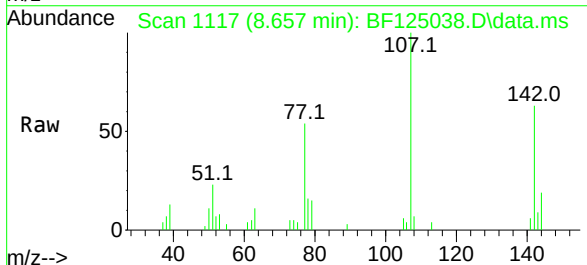
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

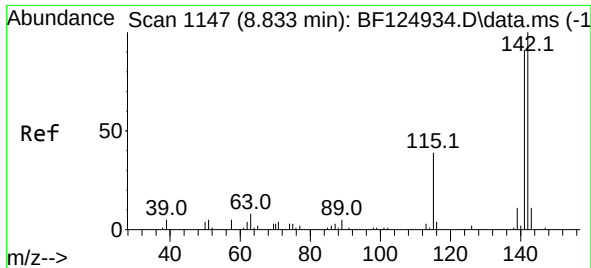
Tgt Ion:113 Resp: 988
Ion Ratio Lower Upper
113 100
55 174.1 154.1 194.1
56 123.4 108.7 148.7



#36
4-Chloro-3-methylphenol
Concen: 52.541 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion:107 Resp: 14666
Ion Ratio Lower Upper
107 100
144 19.5 21.9 32.9#
142 62.7 67.1 100.7#

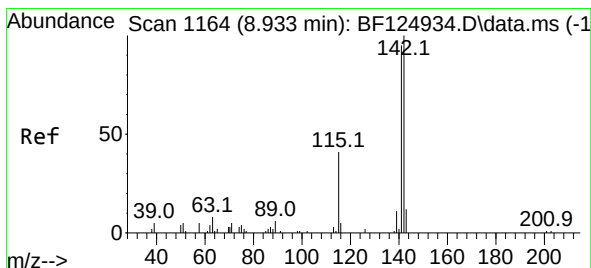
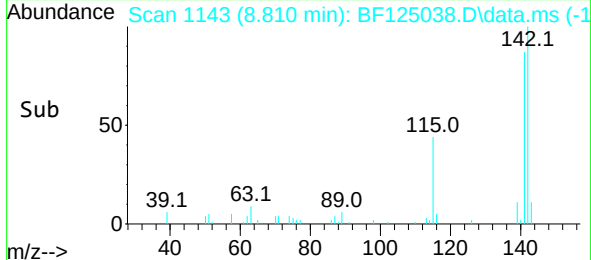
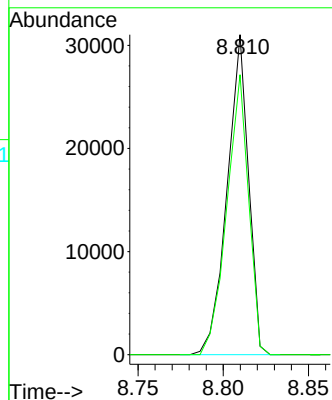
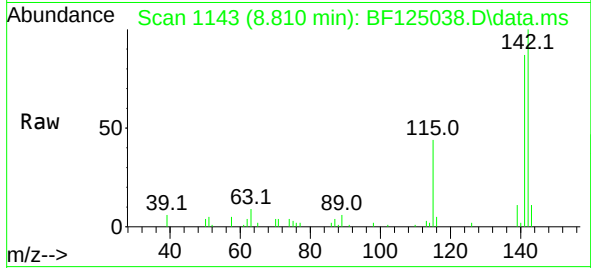




#37
2-Methylnaphthalene
Concen: 43.563 ng
RT: 8.810 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

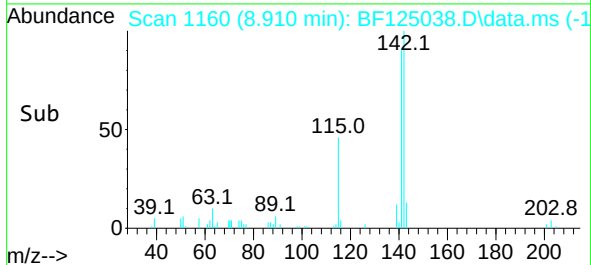
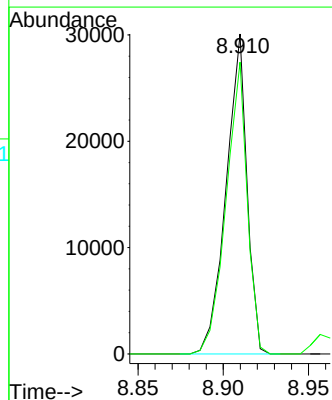
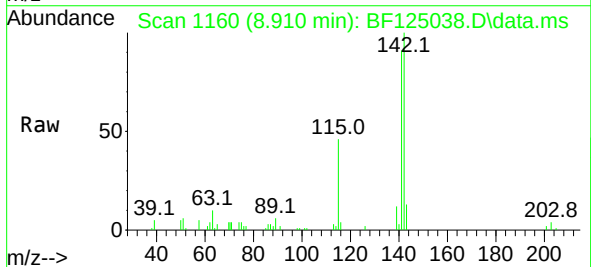
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

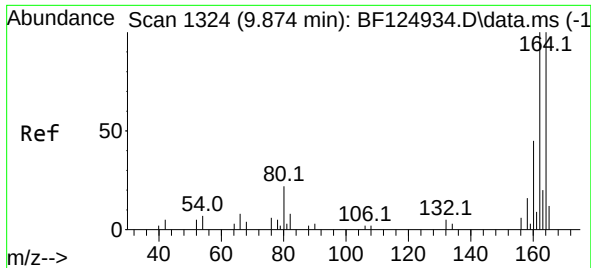
Tgt Ion:142 Resp: 27069
Ion Ratio Lower Upper
142 100
141 87.5 71.2 106.8



#38
1-Methylnaphthalene
Concen: 44.136 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion:142 Resp: 25662
Ion Ratio Lower Upper
142 100
141 91.2 76.0 114.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.000 min

Lab File: BF125038.D

Acq: 10 Aug 2021 19:25

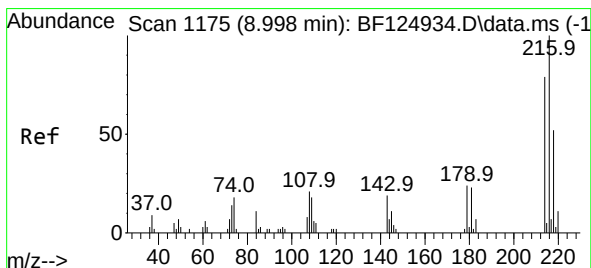
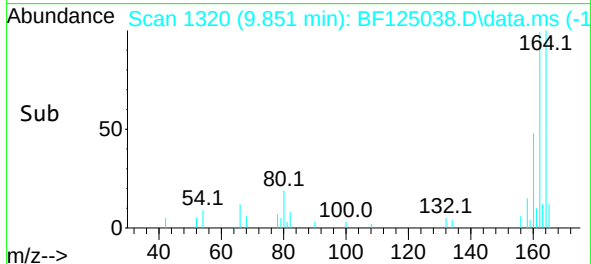
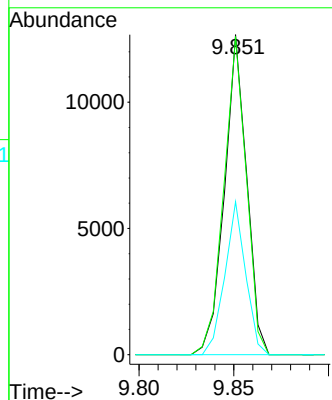
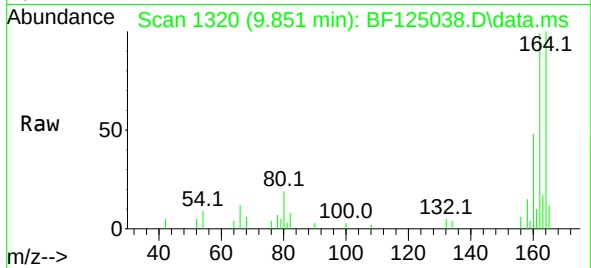
Tgt Ion:164 Resp: 10344

Ion Ratio Lower Upper

164 100

162 99.4 81.3 121.9

160 47.8 38.0 57.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.180 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF125038.D

Acq: 10 Aug 2021 19:25

Tgt Ion:216 Resp: 13711

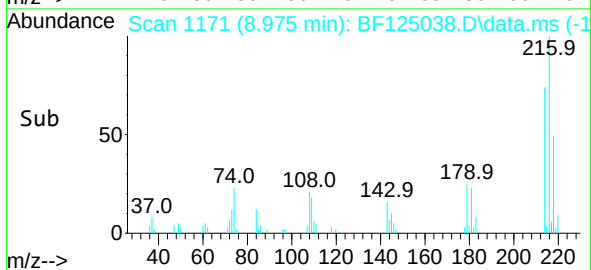
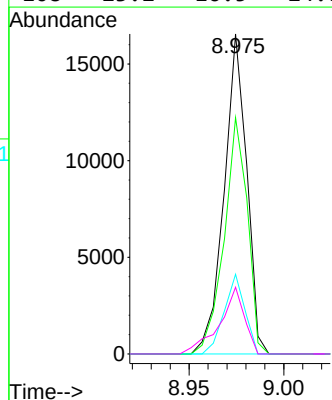
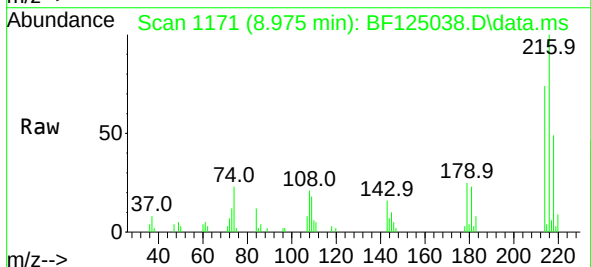
Ion Ratio Lower Upper

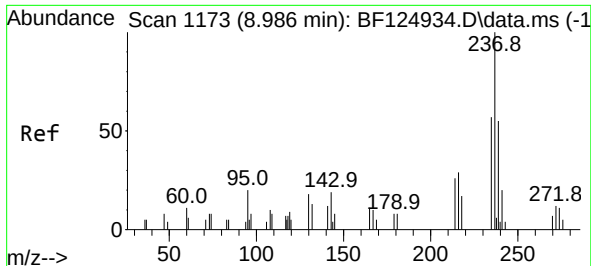
216 100

214 75.9 64.9 97.3

179 22.8 17.4 26.2

108 23.2 16.5 24.7

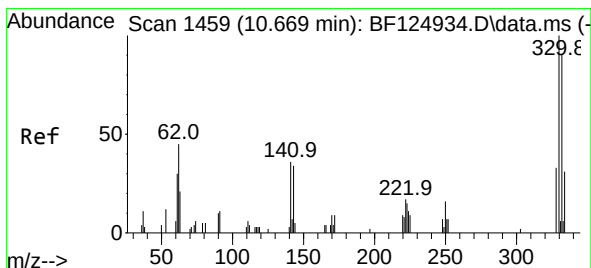
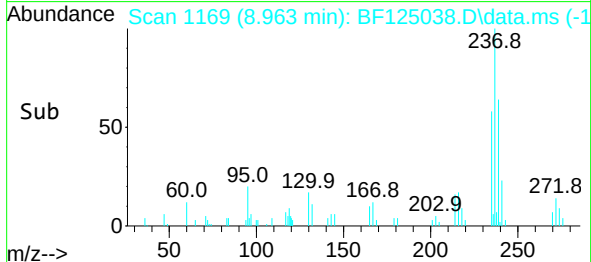
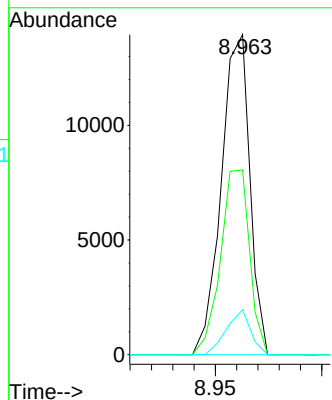
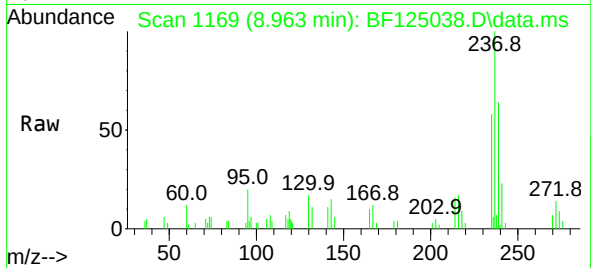




#41
Hexachlorocyclopentadiene
Concen: 112.749 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

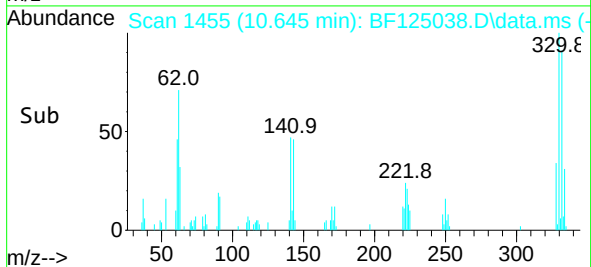
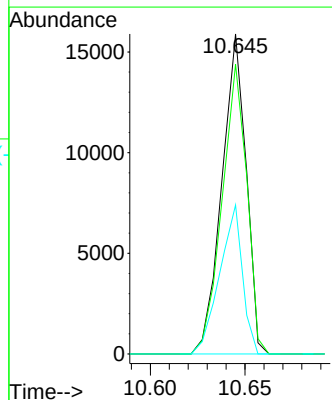
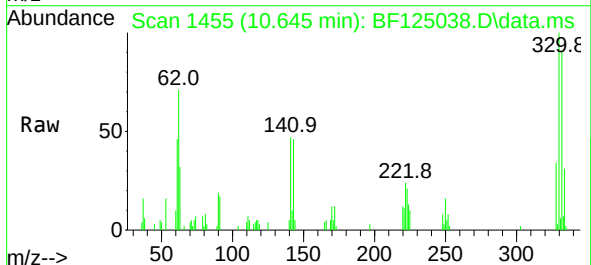
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

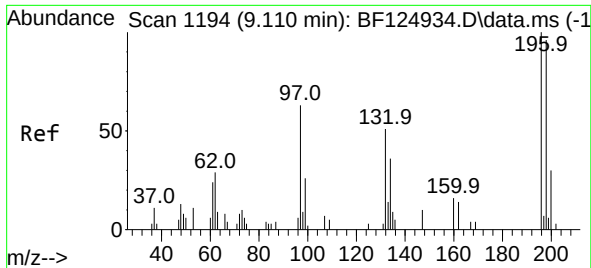
Tgt Ion:	237	Resp:	13006
Ion Ratio	Lower	Upper	
237	100		
235	57.7	44.7	84.7
272	14.1	0.0	31.6



#42
2,4,6-Tribromophenol
Concen: 153.052 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion:	330	Resp:	14144
Ion Ratio	Lower	Upper	
330	100		
332	92.2	76.2	114.4
141	43.9	44.6	66.8#

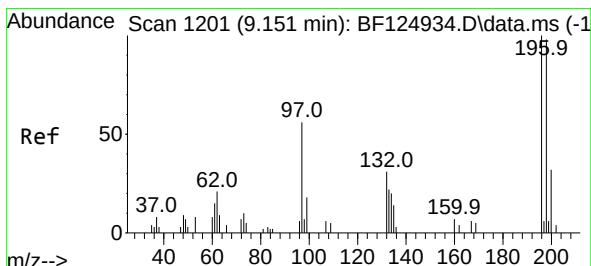
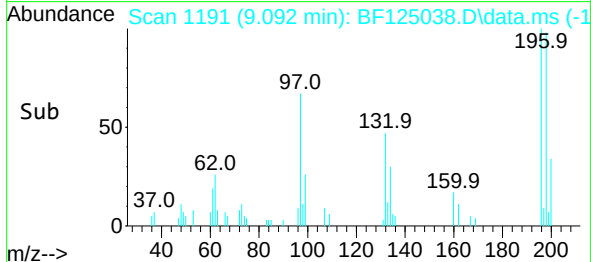
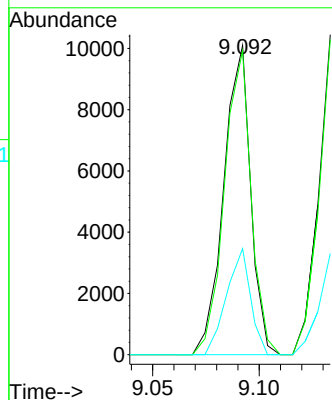
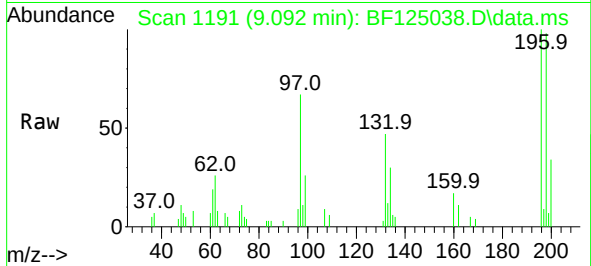




#43
2,4,6-Trichlorophenol
Concen: 44.796 ng
RT: 9.092 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

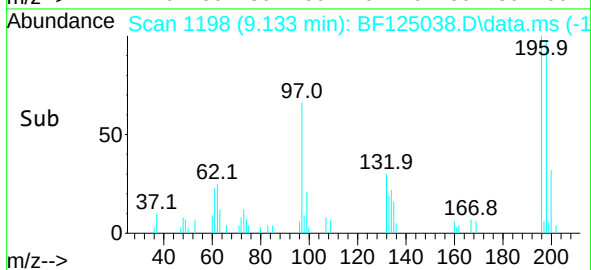
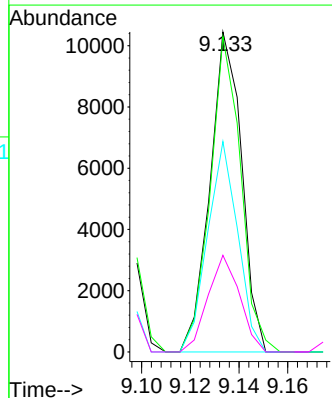
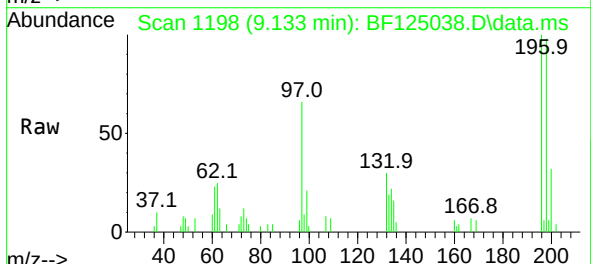
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

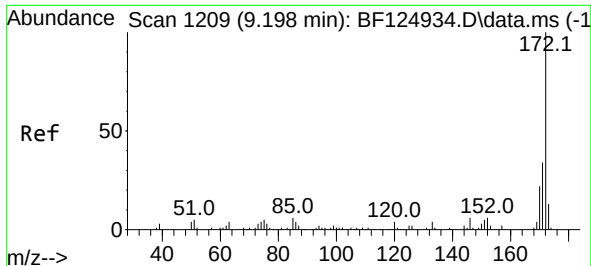
Tgt Ion:196 Resp: 8854
Ion Ratio Lower Upper
196 100
198 98.4 74.9 112.3
200 34.3 27.0 40.4



#44
2,4,5-Trichlorophenol
Concen: 47.137 ng
RT: 9.133 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

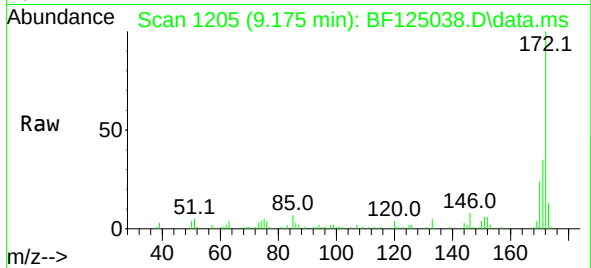
Tgt Ion:196 Resp: 9431
Ion Ratio Lower Upper
196 100
198 98.5 80.2 120.2
97 65.8 44.0 66.0
132 30.2 25.4 38.0



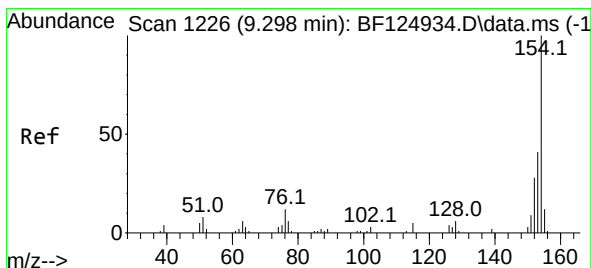
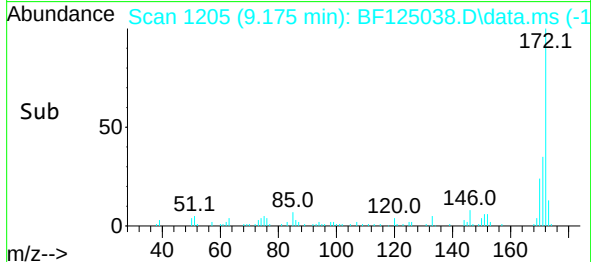
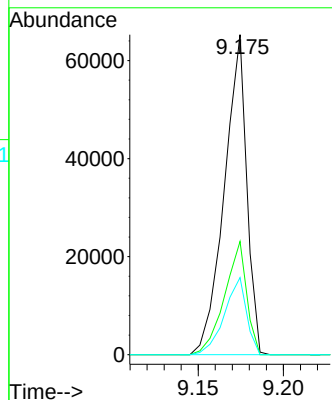


#45
2-Fluorobiphenyl
Concen: 84.262 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Instrument :
BNA_F
ClientSampleId :
72-11930MSD

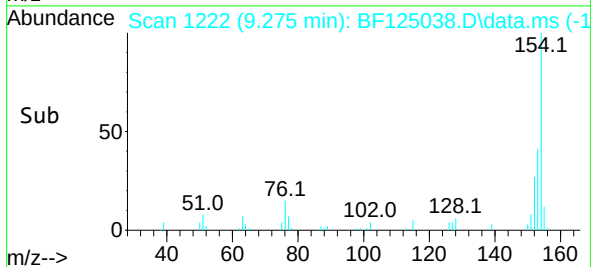
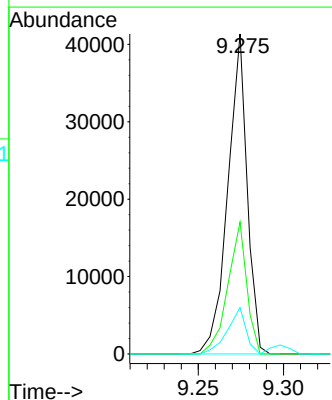
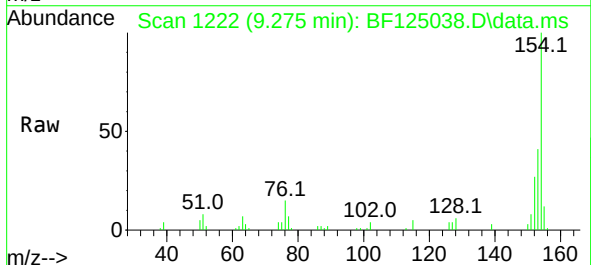


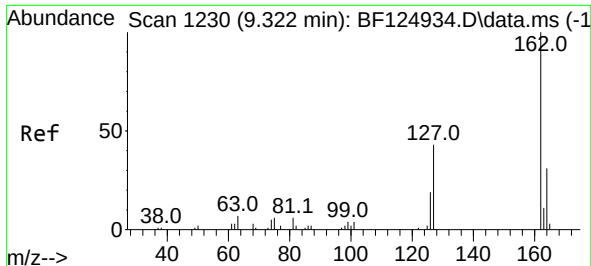
Tgt Ion:172 Resp: 59567
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 24.1 18.8 28.2



#46
1,1'-Biphenyl
Concen: 42.330 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion:154 Resp: 32629
Ion Ratio Lower Upper
154 100
153 41.2 20.0 60.0
76 14.5 0.0 30.3

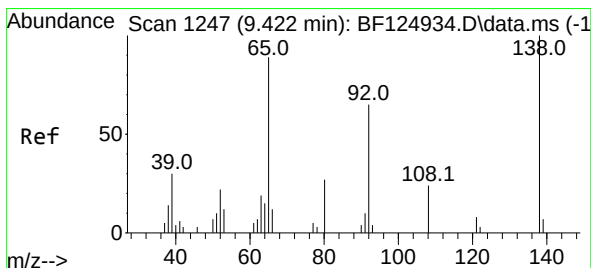
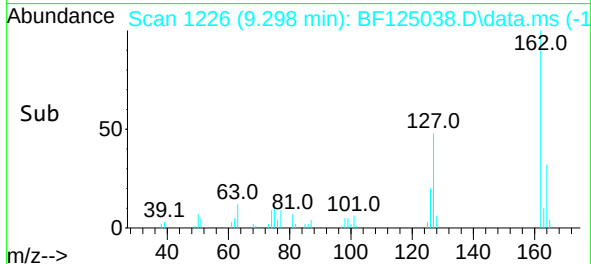
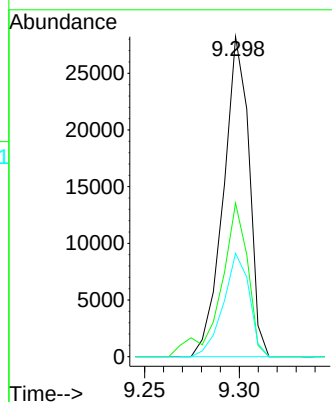
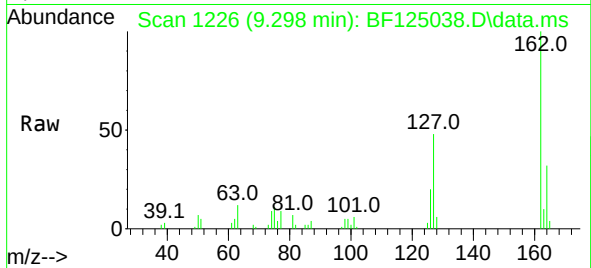




#47
2-Chloronaphthalene
Concen: 43.319 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

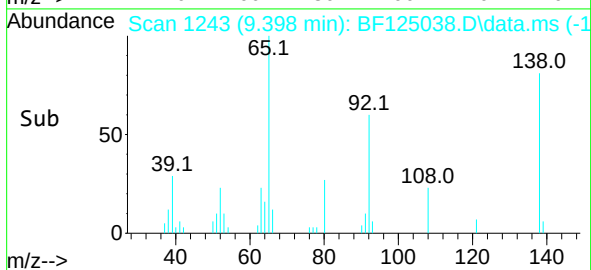
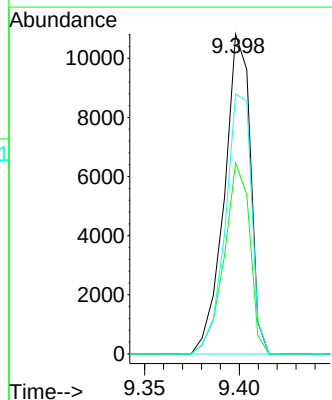
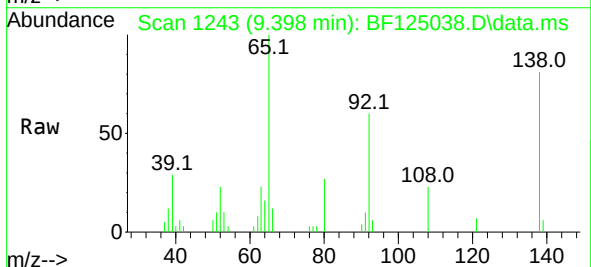
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

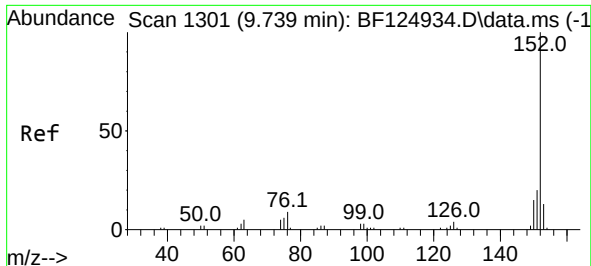
Tgt Ion:162 Resp: 26566
Ion Ratio Lower Upper
162 100
127 48.0 33.0 49.4
164 32.3 25.8 38.8



#48
2-Nitroaniline
Concen: 57.464 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion: 65 Resp: 10352
Ion Ratio Lower Upper
65 100
92 59.7 55.5 83.3
138 81.3 93.5 140.3#

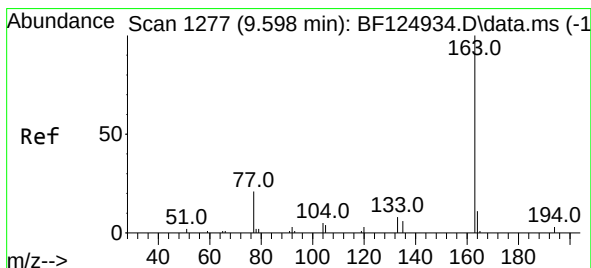
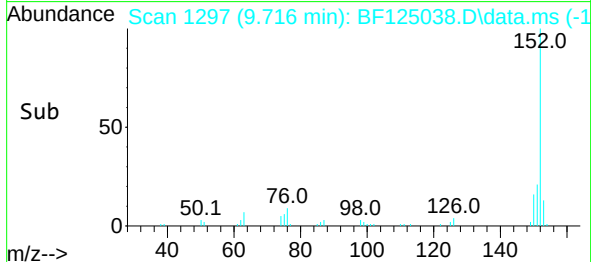
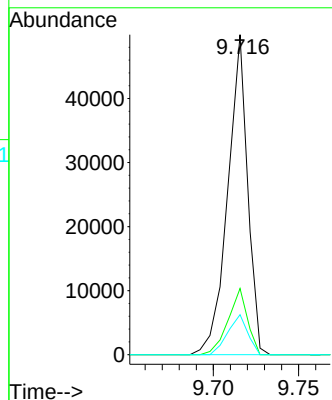
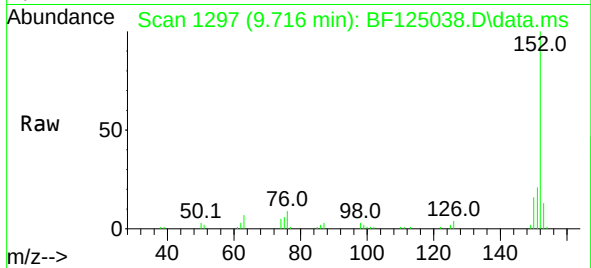




#49
Acenaphthylene
Concen: 43.560 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

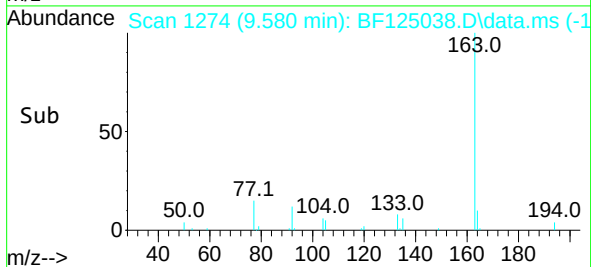
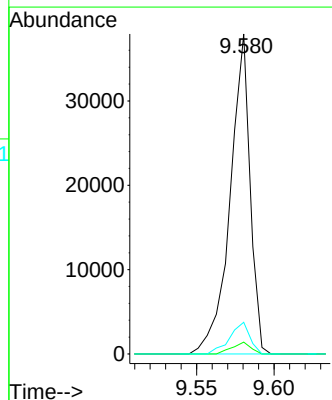
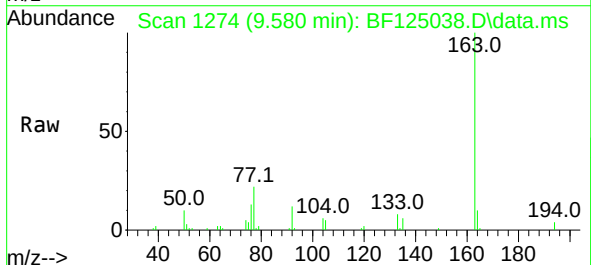
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

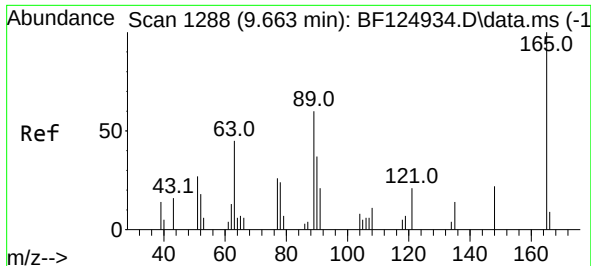
Tgt Ion:152 Resp: 40578
Ion Ratio Lower Upper
152 100
151 20.7 15.7 23.5
153 12.5 9.8 14.8



#50
Dimethylphthalate
Concen: 48.481 ng
RT: 9.580 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion:163 Resp: 33984
Ion Ratio Lower Upper
163 100
194 3.7 2.6 3.8
164 9.9 7.4 11.0

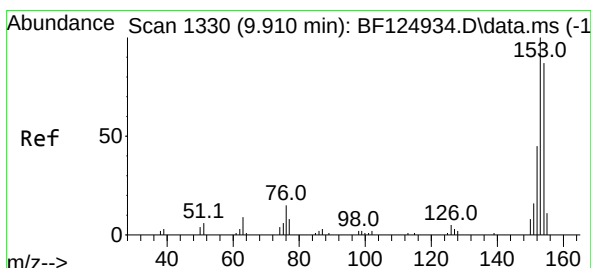
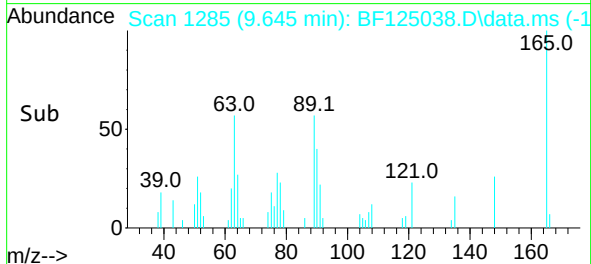
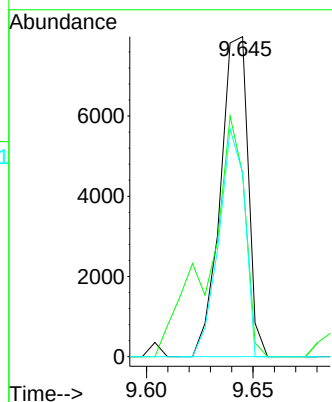
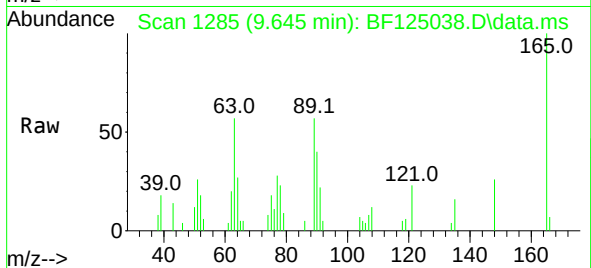




#51
2,6-Dinitrotoluene
Concen: 46.320 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

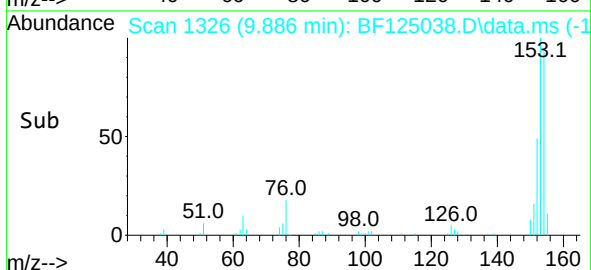
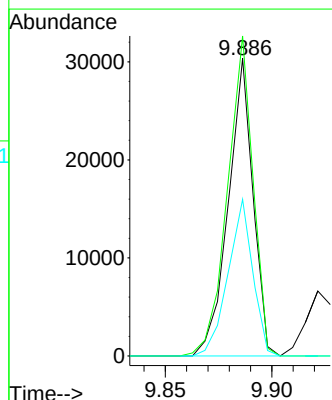
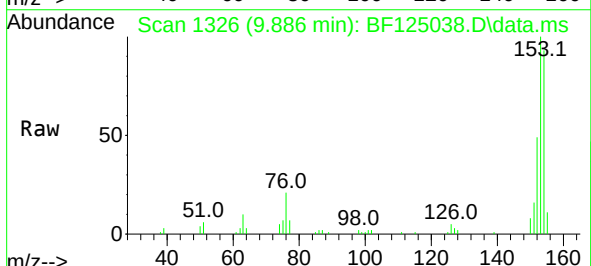
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

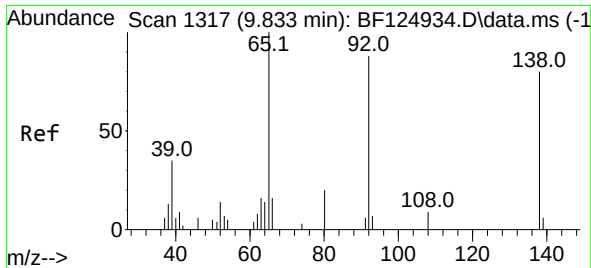
Tgt Ion:165 Resp: 7230
Ion Ratio Lower Upper
165 100
63 57.2 42.6 63.8
89 57.5 40.6 60.8



#52
Acenaphthene
Concen: 43.339 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion:154 Resp: 24475
Ion Ratio Lower Upper
154 100
153 107.5 89.4 134.2
152 52.6 40.5 60.7

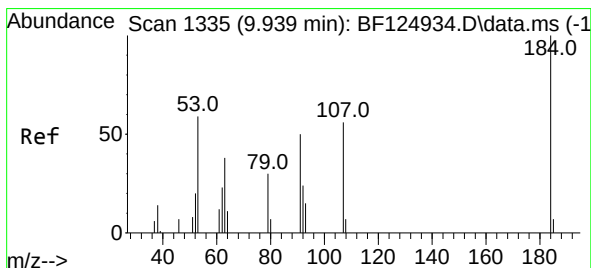
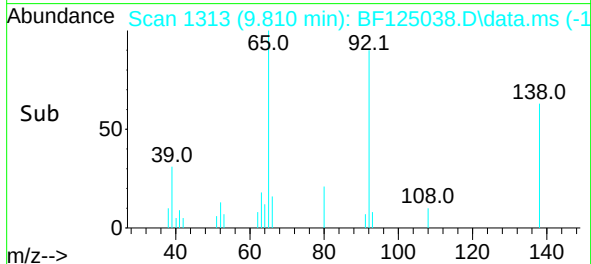
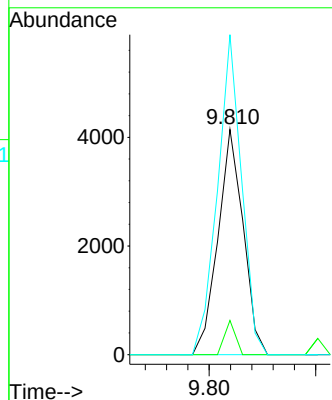
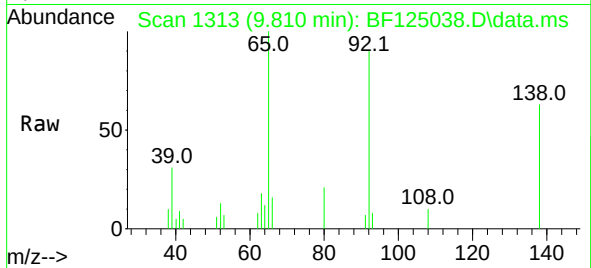




#53
3-Nitroaniline
Concen: 20.730 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

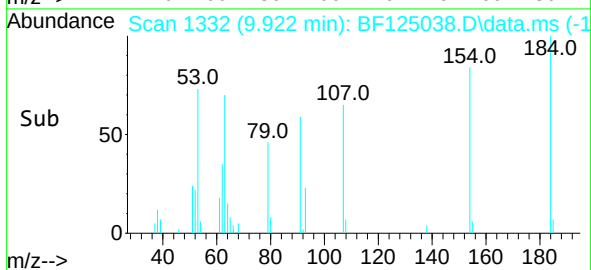
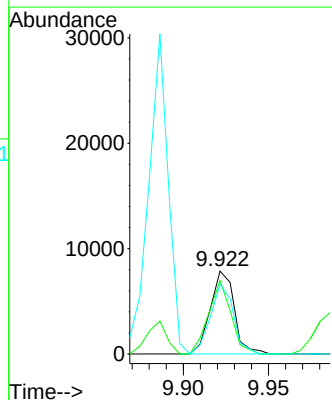
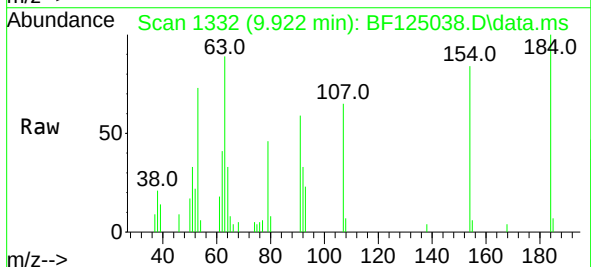
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

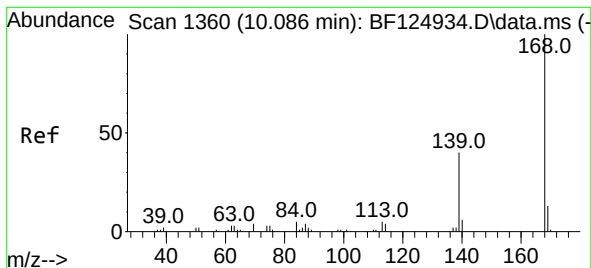
Tgt Ion:138 Resp: 3408
Ion Ratio Lower Upper
138 100
108 15.2 9.3 13.9#
92 142.0 76.5 114.7#



#54
2,4-Dinitrophenol
Concen: 95.665 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion:184 Resp: 7662
Ion Ratio Lower Upper
184 100
63 88.7 59.3 88.9
154 84.3 68.6 102.8

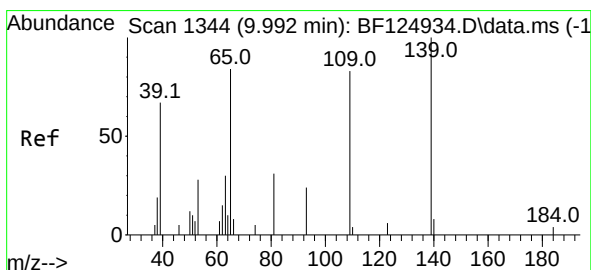
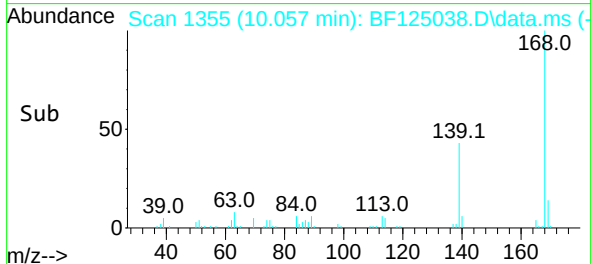
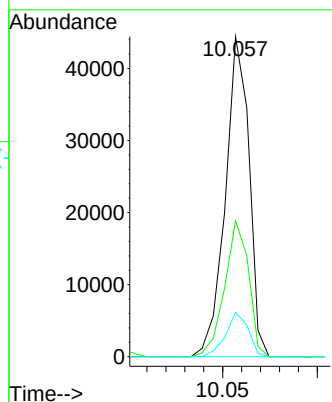
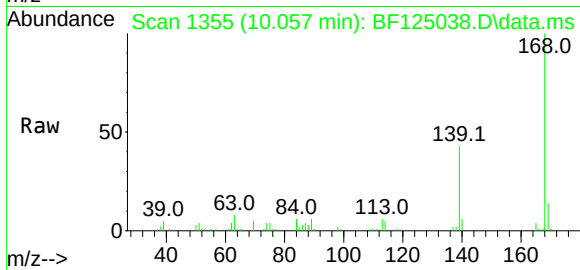




#55
Dibenzenofuran
Concen: 43.754 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

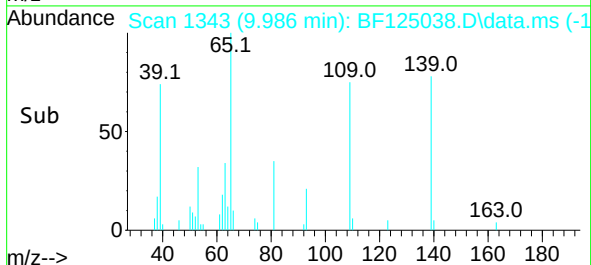
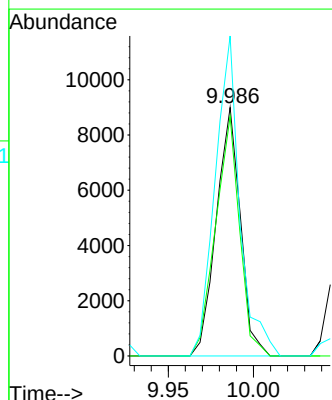
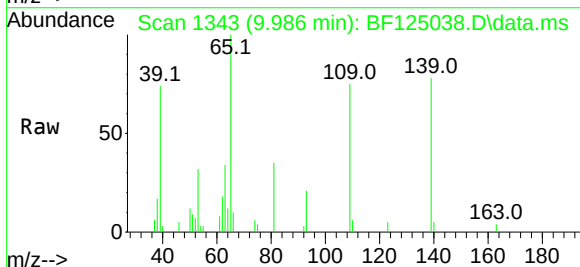
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

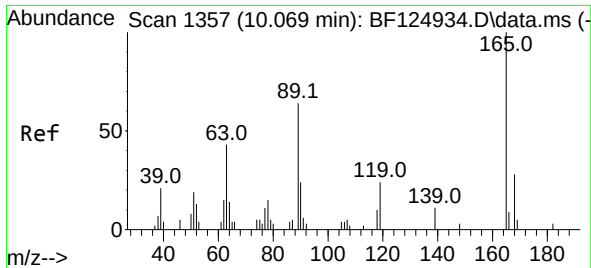
Tgt Ion:168 Resp: 38616
Ion Ratio Lower Upper
168 100
139 42.5 32.7 49.1
169 13.9 11.2 16.8



#56
4-Nitrophenol
Concen: 81.627 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.012 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion:139 Resp: 8846
Ion Ratio Lower Upper
139 100
109 96.4 60.4 100.4
65 128.8 58.4 98.4#

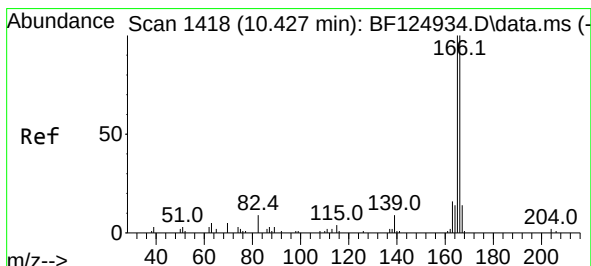
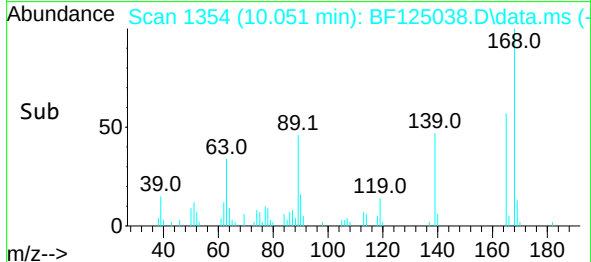
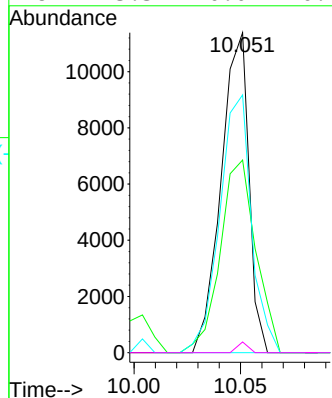
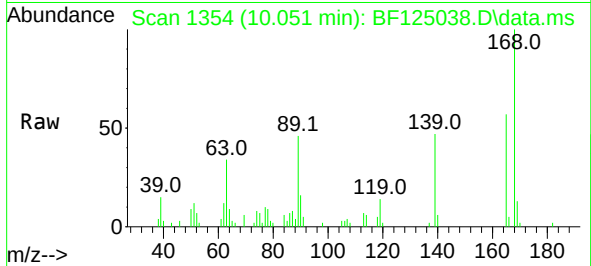




#57
2,4-Dinitrotoluene
Concen: 48.599 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

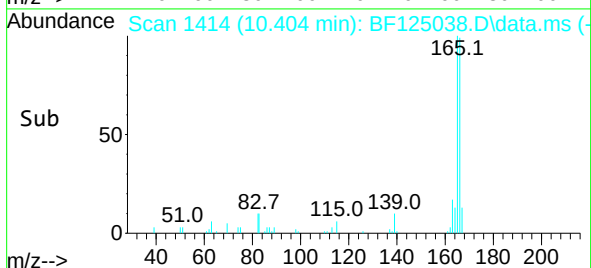
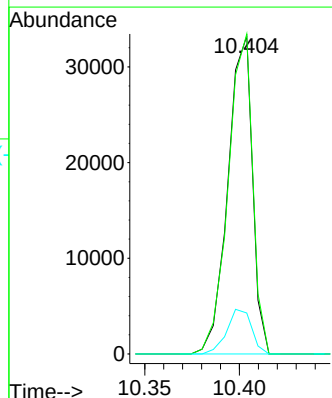
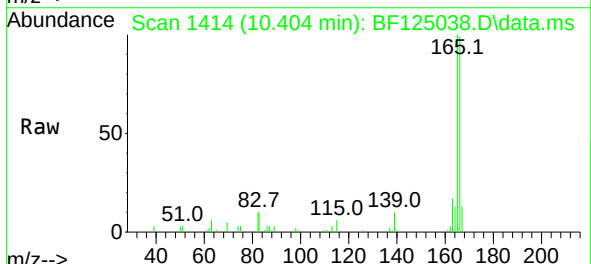
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

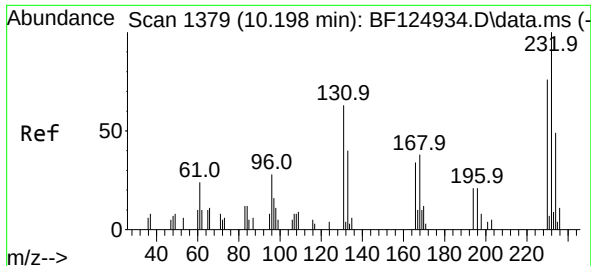
Tgt Ion:165 Resp: 10299
Ion Ratio Lower Upper
165 100
63 60.2 40.9 61.3
89 80.6 59.7 89.5
182 3.3 0.0 0.0#



#58
Fluorene
Concen: 44.141 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion:166 Resp: 29872
Ion Ratio Lower Upper
166 100
165 100.7 78.1 117.1
167 12.9 11.1 16.7



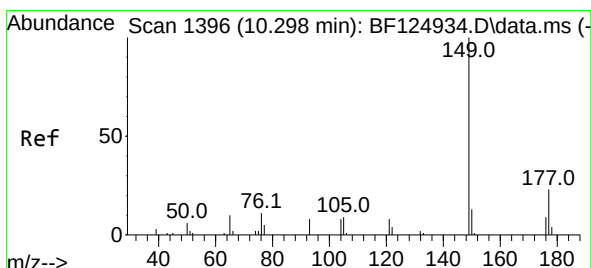
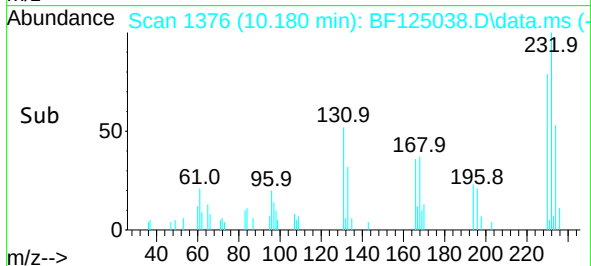
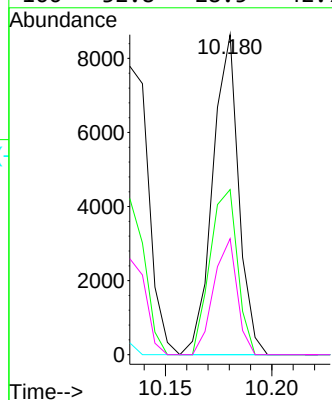
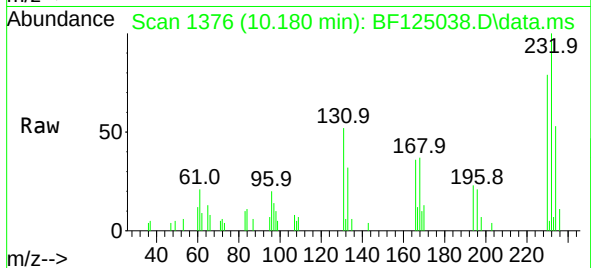


#59
2,3,4,6-Tetrachlorophenol
Concen: 48.662 ng
RT: 10.180 min Scan# 1376
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Instrument :
BNA_F
ClientSampleId :
72-11930MSD

Tgt Ion:232 Resp: 7305

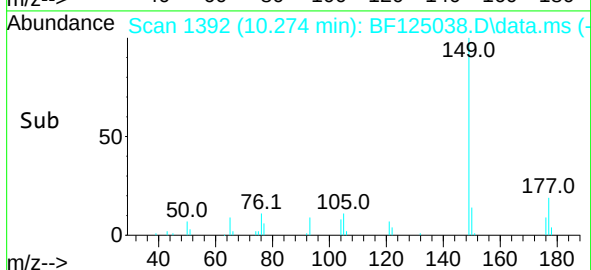
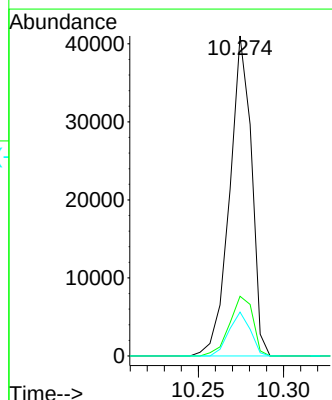
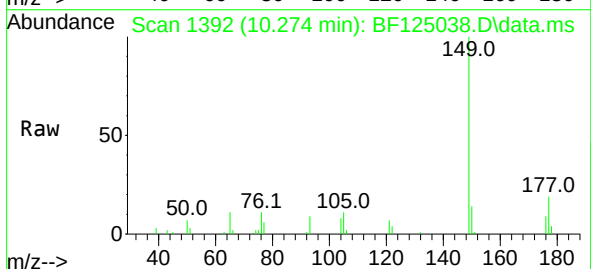
Ion	Ratio	Lower	Upper
232	100		
131	54.8	45.4	68.0
130	0.0	0.0	0.0
166	32.8	28.5	42.7

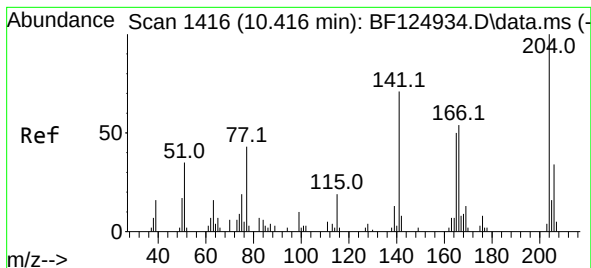


#60
Diethylphthalate
Concen: 50.751 ng
RT: 10.274 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion:149 Resp: 36508

Ion	Ratio	Lower	Upper
149	100		
177	18.7	16.5	24.7
150	13.7	10.1	15.1

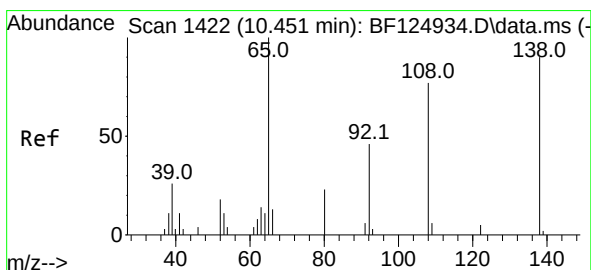
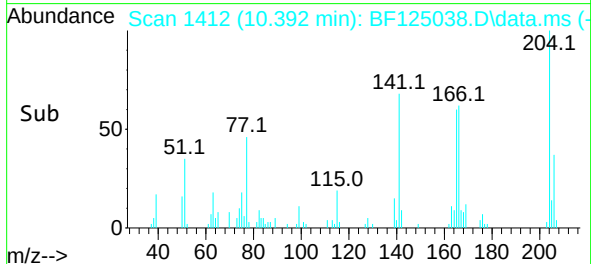
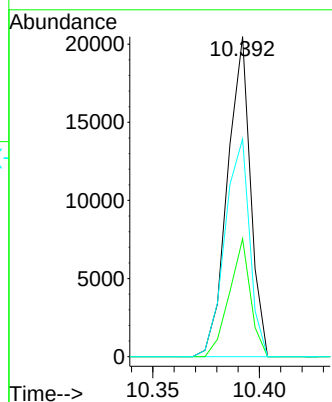
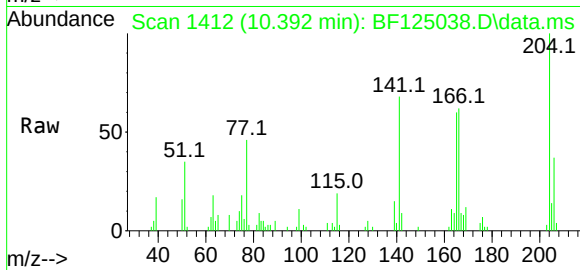




#61
4-Chlorophenyl-phenylether
Concen: 48.029 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

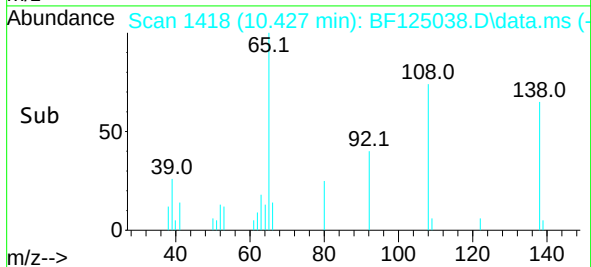
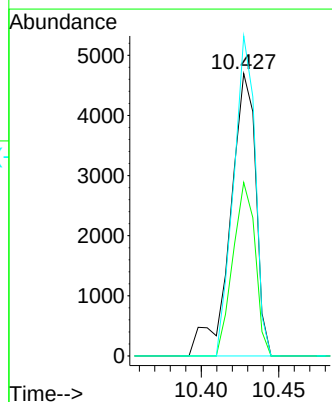
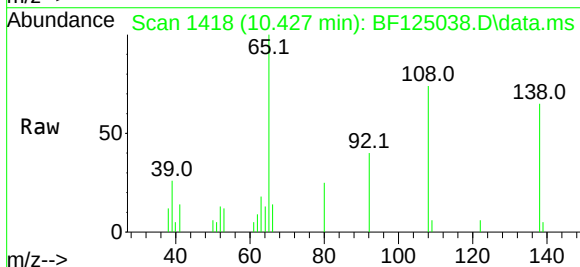
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

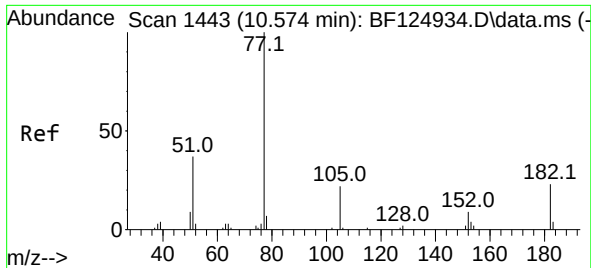
Tgt Ion:204 Resp: 15349
Ion Ratio Lower Upper
204 100
206 36.9 27.6 41.4
141 68.1 58.6 88.0



#62
4-Nitroaniline
Concen: 33.737 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion:138 Resp: 5385
Ion Ratio Lower Upper
138 100
92 61.4 29.6 69.6
108 113.3 78.1 118.1

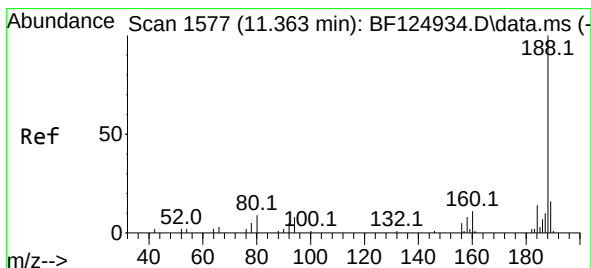
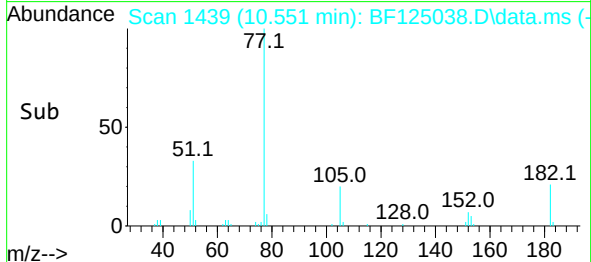
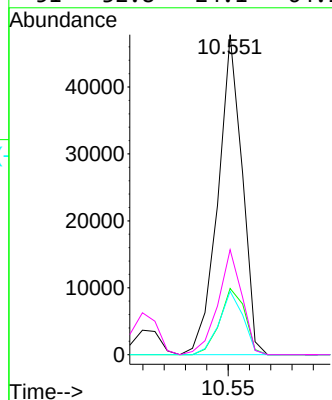
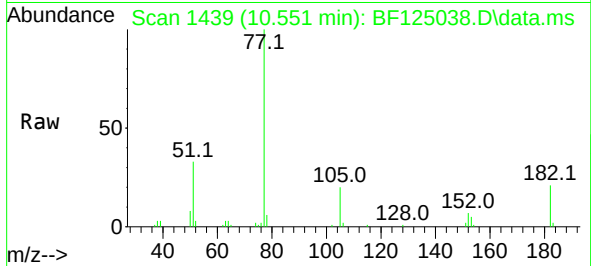




#63
Azobenzene
Concen: 53.424 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

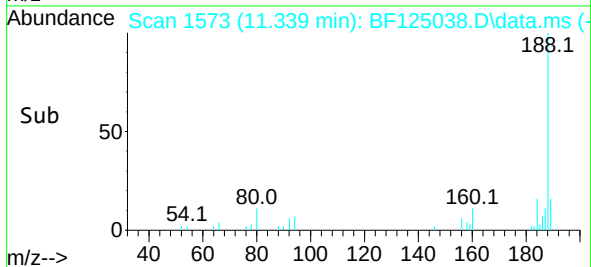
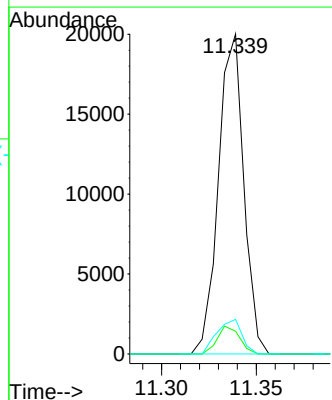
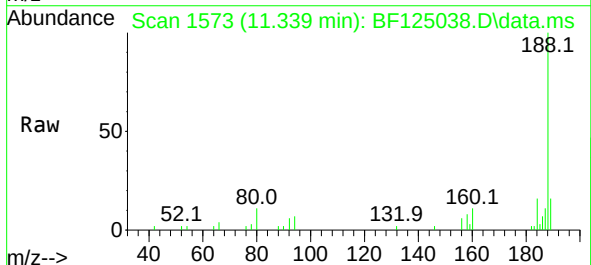
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

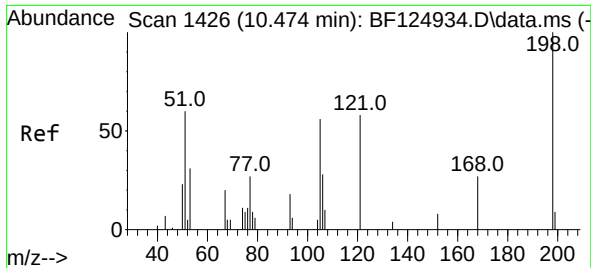
Tgt Ion: 77	Resp: 37581
Ion Ratio	Lower Upper
77 100	
182 20.7	6.3 46.3
105 19.8	2.9 42.9
51 32.8	24.1 64.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion: 188	Resp: 18601
Ion Ratio	Lower Upper
188 100	
94 7.1	6.7 10.1
80 10.8	7.5 11.3

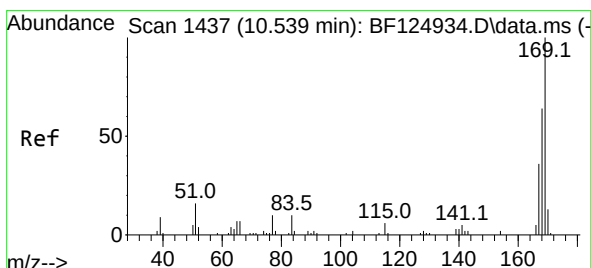
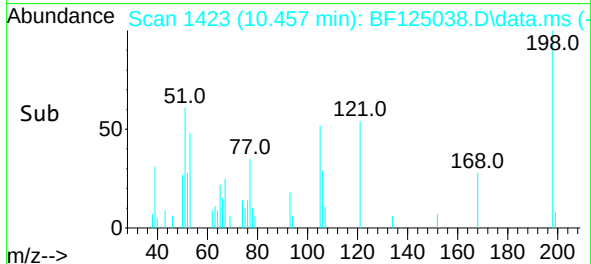
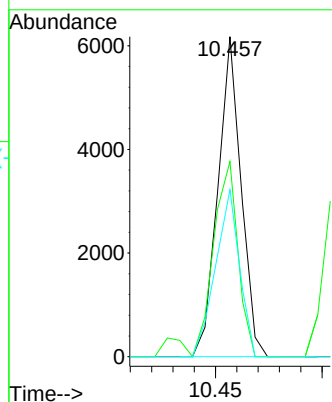
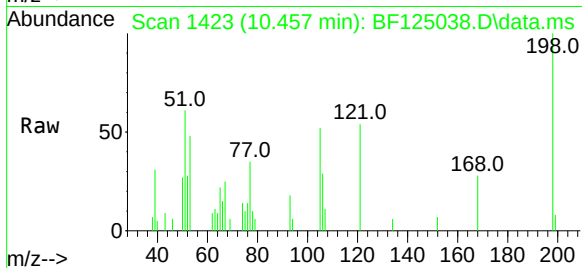




#65
4,6-Dinitro-2-methylphenol
Concen: 40.007 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

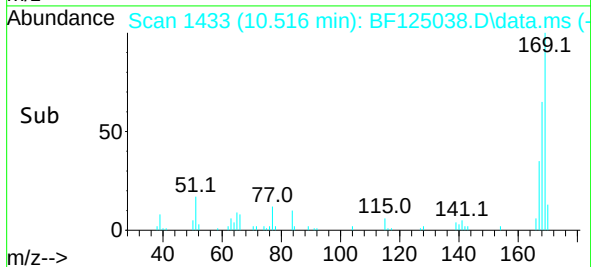
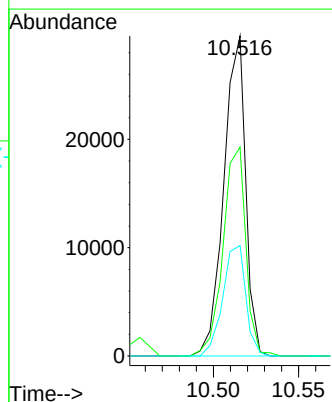
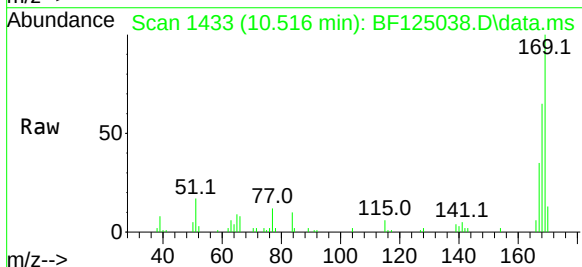
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

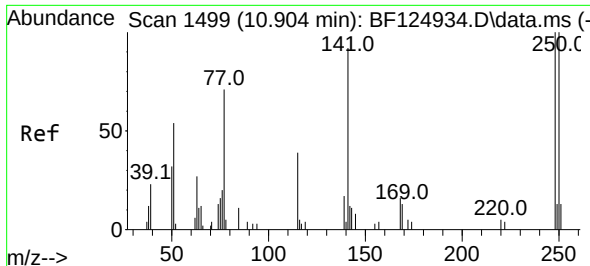
Tgt Ion:198 Resp: 4662
Ion Ratio Lower Upper
198 100
51 61.0 45.3 85.3
105 52.2 30.6 70.6



#66
n-Nitrosodiphenylamine
Concen: 43.657 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion:169 Resp: 26320
Ion Ratio Lower Upper
169 100
168 65.2 50.8 76.2
167 34.5 28.8 43.2

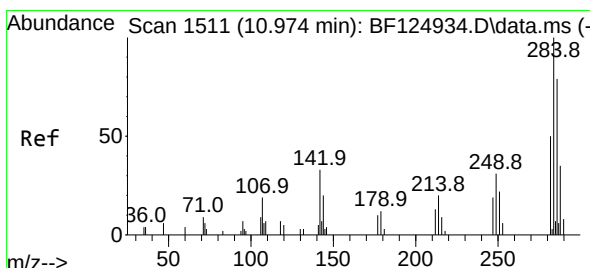
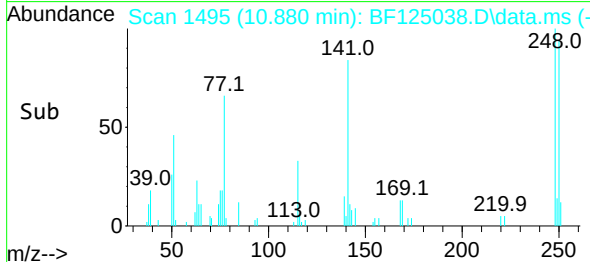
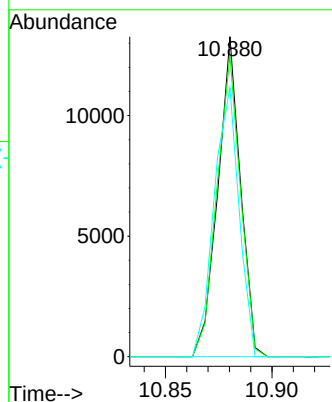
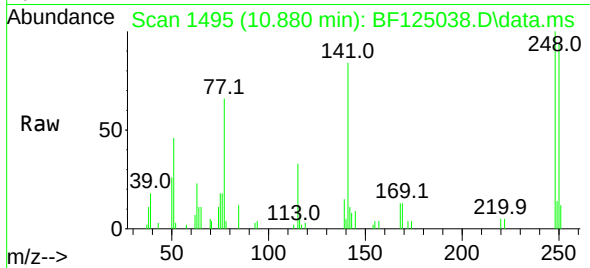




#67
4-Bromophenyl-phenylether
Concen: 48.209 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

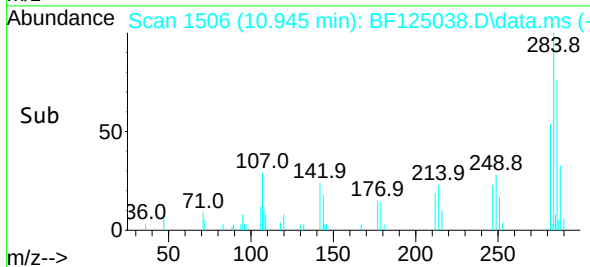
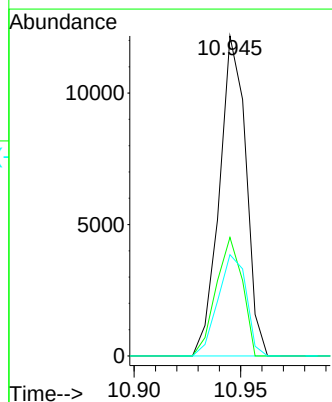
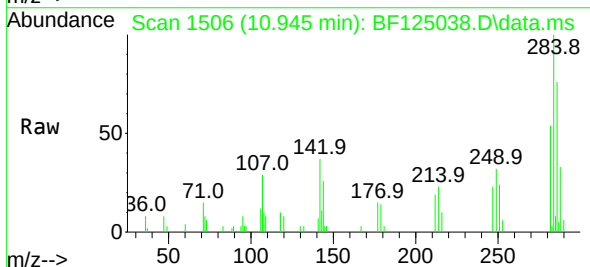
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

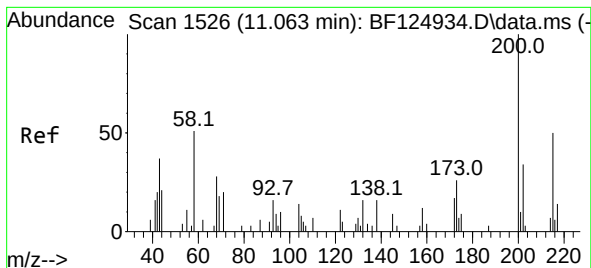
Tgt Ion:248 Resp: 9822
Ion Ratio Lower Upper
248 100
250 94.0 74.2 111.4
141 84.1 60.4 90.6



#68
Hexachlorobenzene
Concen: 47.516 ng
RT: 10.945 min Scan# 1506
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion:284 Resp: 10532
Ion Ratio Lower Upper
284 100
142 37.1 36.4 54.6
249 31.6 25.6 38.4





#69

Atrazine

Concen: 49.139 ng

RT: 11.045 min Scan# 1523

Delta R.T. 0.012 min

Lab File: BF125038.D

Acq: 10 Aug 2021 19:25

Tgt Ion:200 Resp: 8902

Ion Ratio Lower Upper

200 100

173 26.2 11.1 51.1

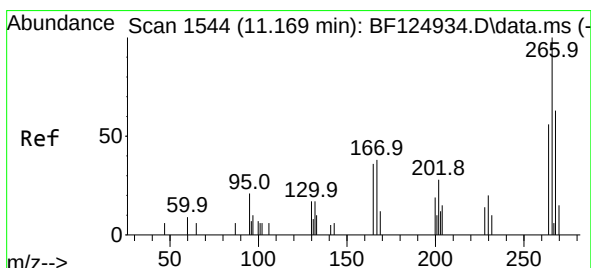
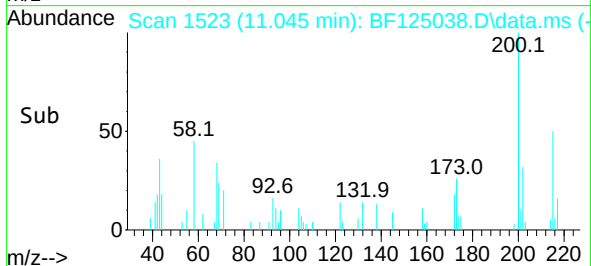
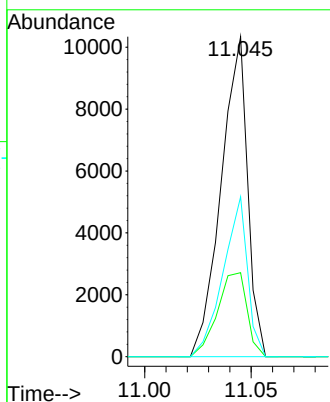
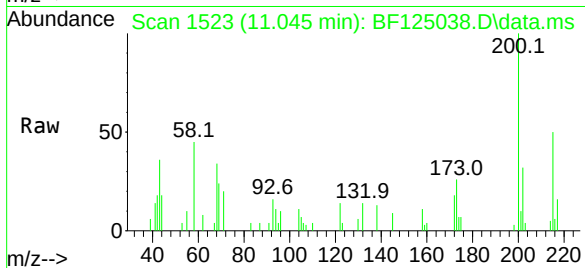
215 50.0 22.7 62.7

Instrument :

BNA_F

ClientSampleId :

72-11930MSD



#70

Pentachlorophenol

Concen: 100.689 ng

RT: 11.145 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF125038.D

Acq: 10 Aug 2021 19:25

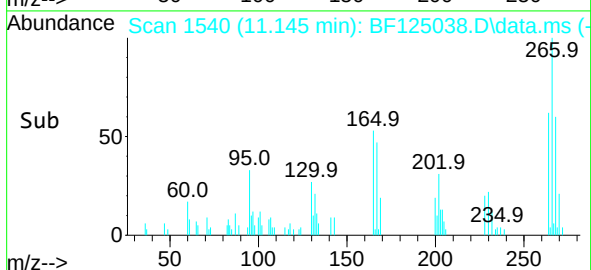
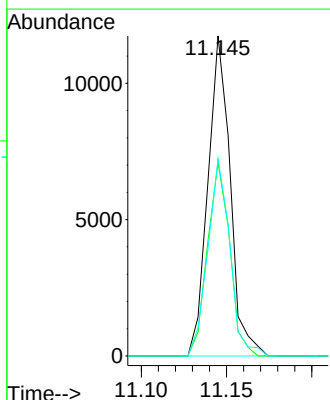
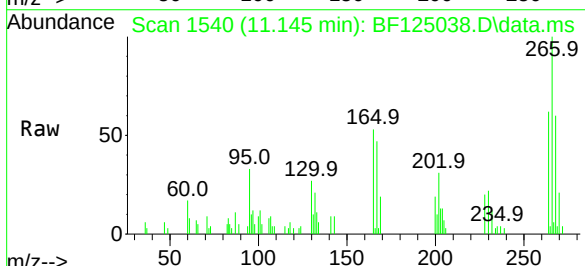
Tgt Ion:266 Resp: 10651

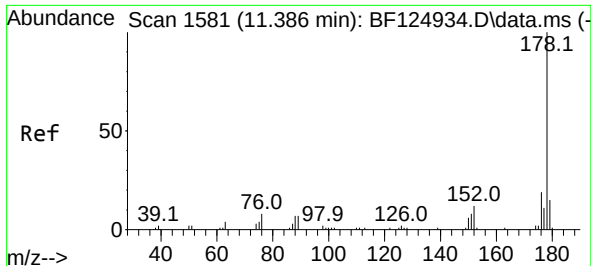
Ion Ratio Lower Upper

266 100

268 60.4 48.9 73.3

264 61.7 55.9 83.9

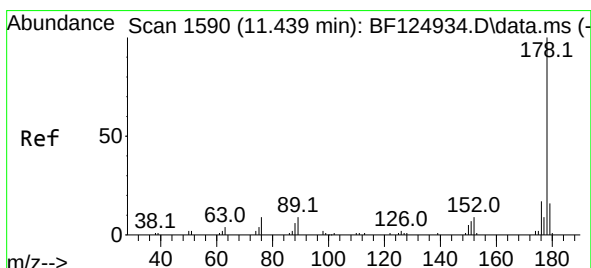
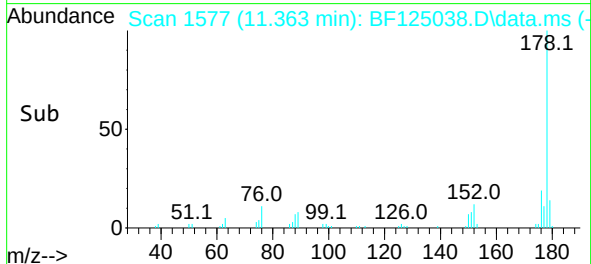
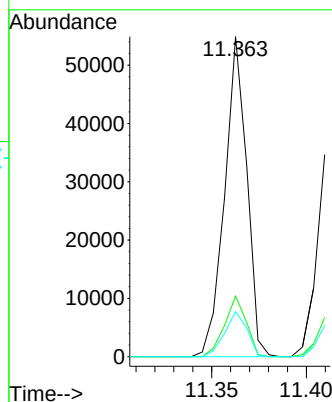
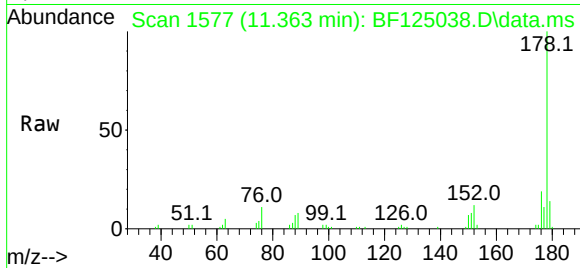




#71
Phenanthrene
Concen: 44.179 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

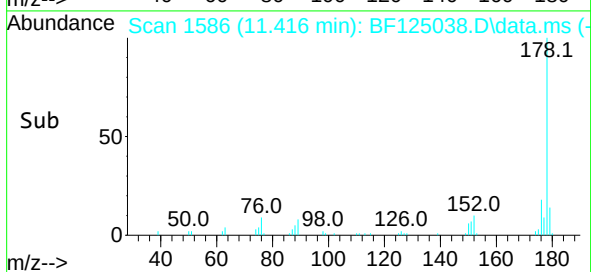
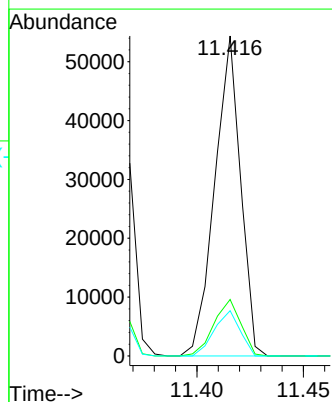
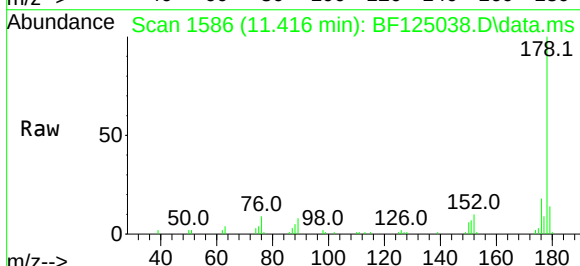
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

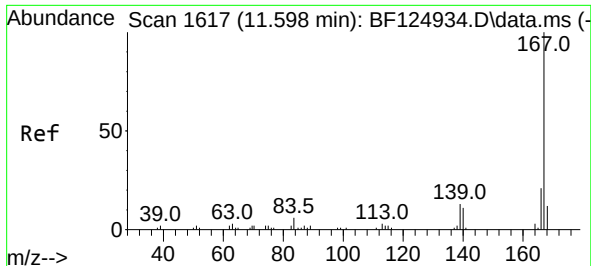
Tgt Ion:178 Resp: 44578
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 14.1 11.5 17.3



#72
Anthracene
Concen: 45.195 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion:178 Resp: 45748
Ion Ratio Lower Upper
178 100
176 17.6 14.3 21.5
179 14.2 12.2 18.4

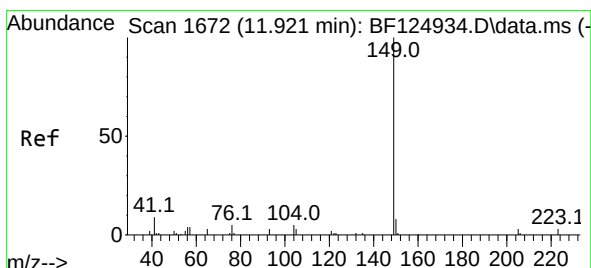
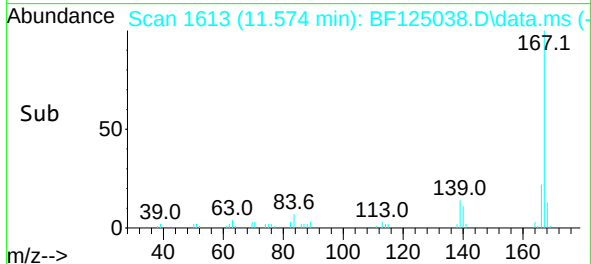
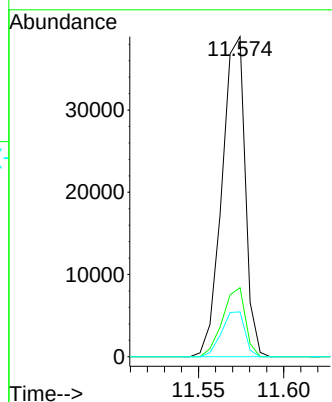
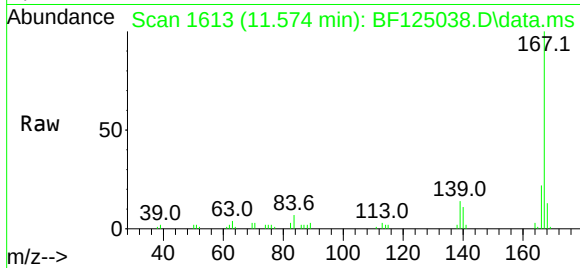




#73
 Carbazole
 Concen: 39.736 ng
 RT: 11.574 min Scan# 1613
 Delta R.T. 0.006 min
 Lab File: BF125038.D
 Acq: 10 Aug 2021 19:25

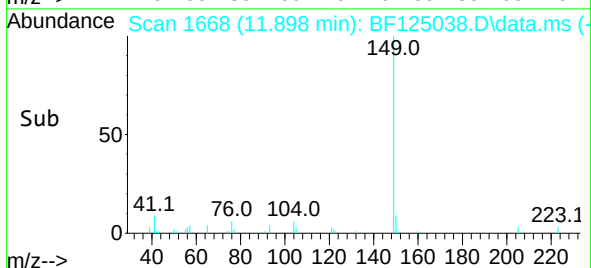
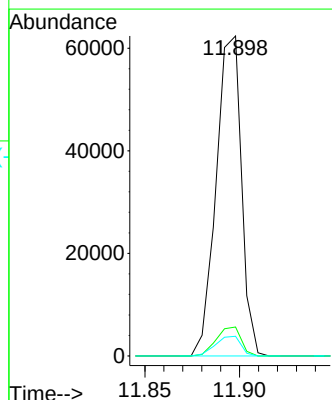
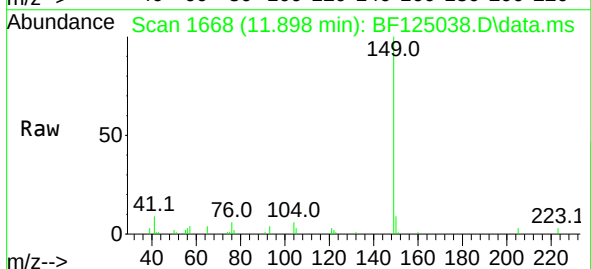
Instrument :
 BNA_F
 ClientSampleId :
 72-11930MSD

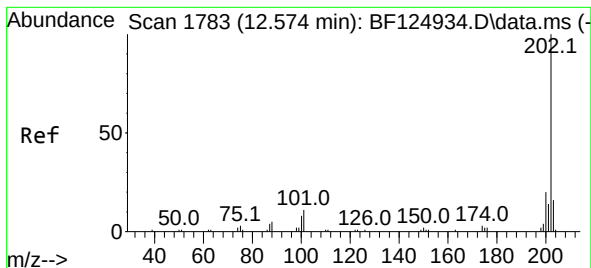
Tgt Ion:167	Resp:	36886
Ion Ratio	Lower	Upper
167	100	
166	21.6	17.4 26.0
139	14.0	11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 49.081 ng
 RT: 11.898 min Scan# 1668
 Delta R.T. 0.006 min
 Lab File: BF125038.D
 Acq: 10 Aug 2021 19:25

Tgt Ion:149	Resp:	57904
Ion Ratio	Lower	Upper
149	100	
150	9.1	7.4 11.2
104	6.2	4.1 6.1#

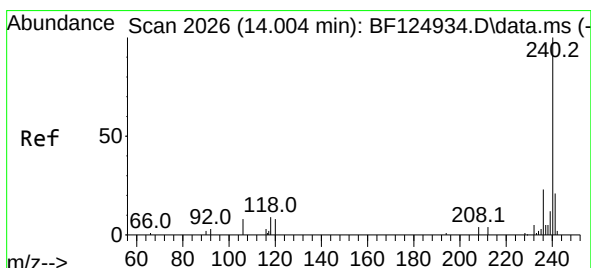
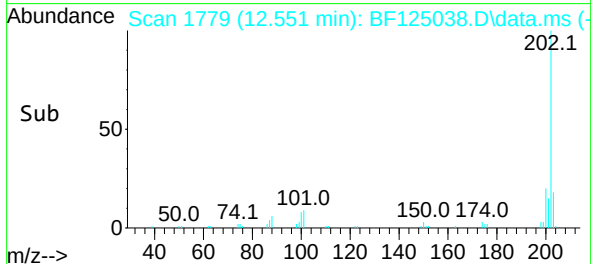
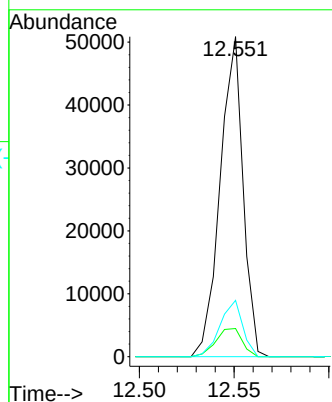
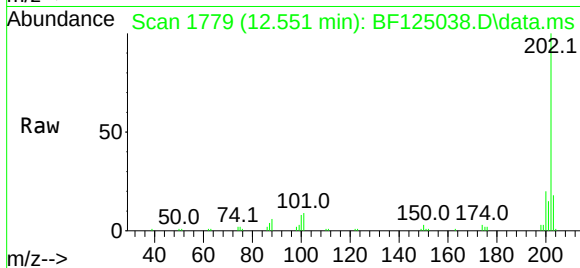




#75
Fluoranthene
Concen: 40.873 ng
RT: 12.551 min Scan# 1779
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

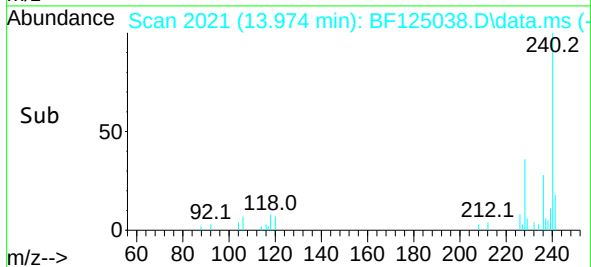
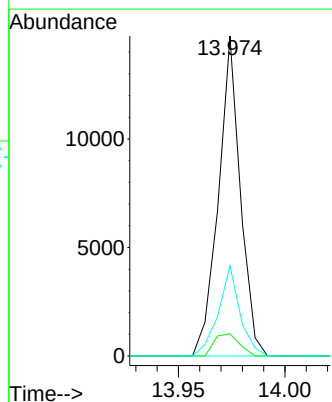
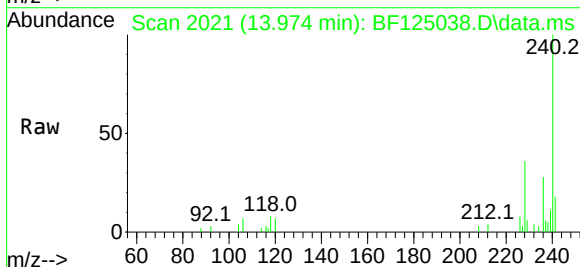
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

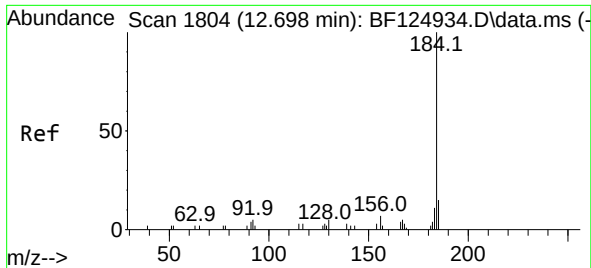
Tgt Ion:202 Resp: 42665
Ion Ratio Lower Upper
202 100
101 8.8 0.0 30.7
203 17.6 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

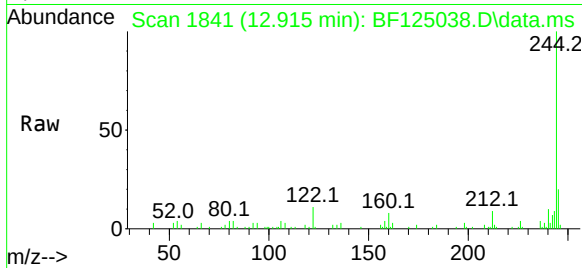
Tgt Ion:240 Resp: 10532
Ion Ratio Lower Upper
240 100
120 7.0 10.8 16.2#
236 28.2 21.6 32.4



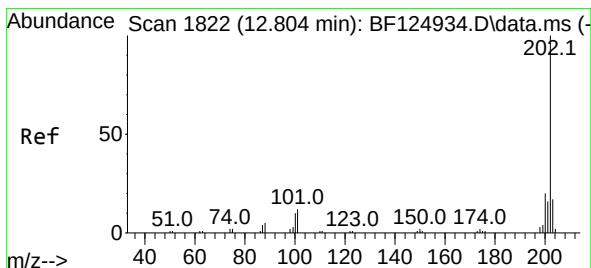
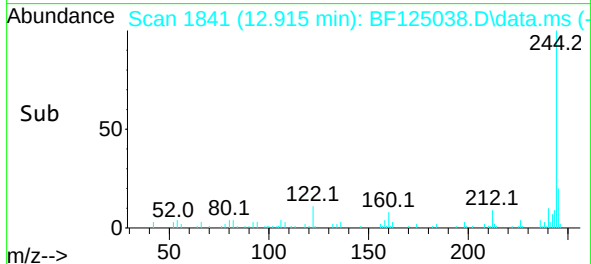
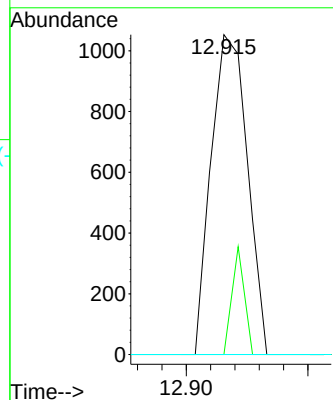


#77
Benzidine
Concen: 3.864 ng
RT: 12.915 min Scan# 1841
Delta R.T. 0.247 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Instrument :
BNA_F
ClientSampleId :
72-11930MSD

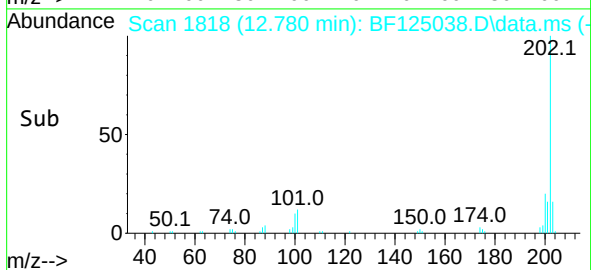
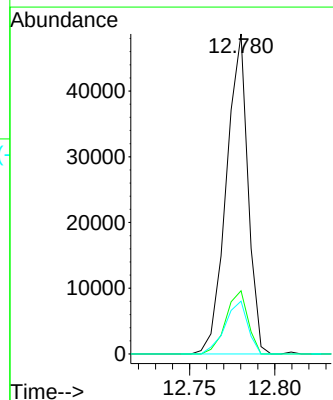
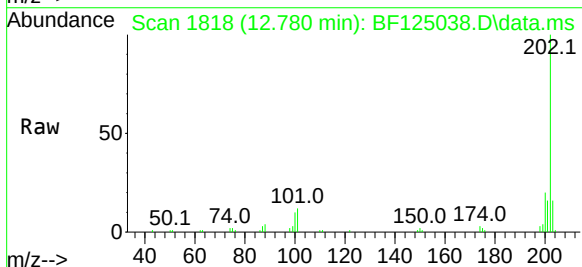


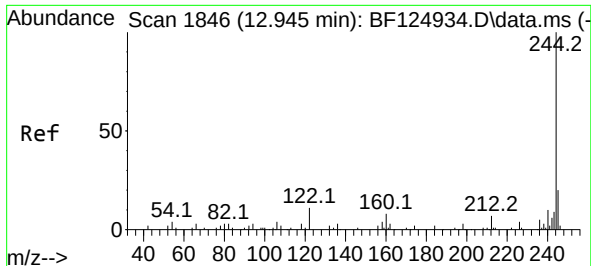
Tgt Ion:184 Resp: 1089
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



#78
Pyrene
Concen: 51.689 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion:202 Resp: 42880
Ion Ratio Lower Upper
202 100
200 19.8 15.3 22.9
203 16.5 13.4 20.0

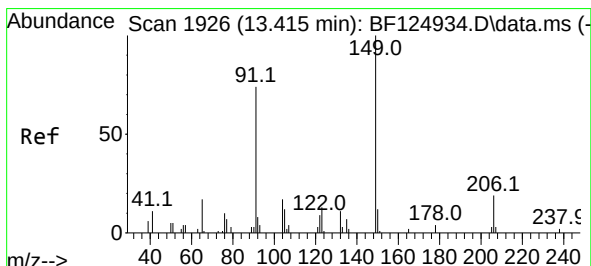
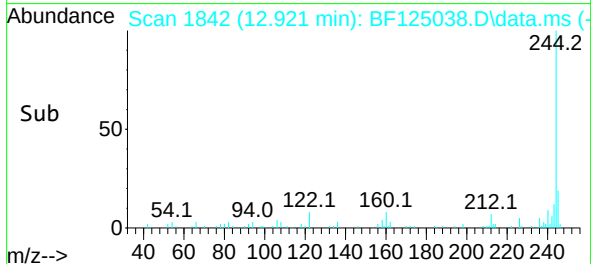
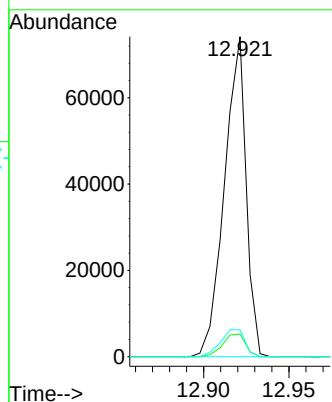
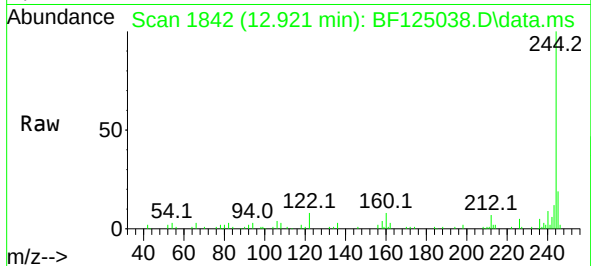




#79
 Terphenyl-d14
 Concen: 104.710 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.006 min
 Lab File: BF125038.D
 Acq: 10 Aug 2021 19:25

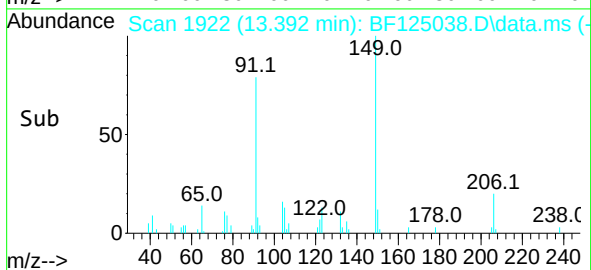
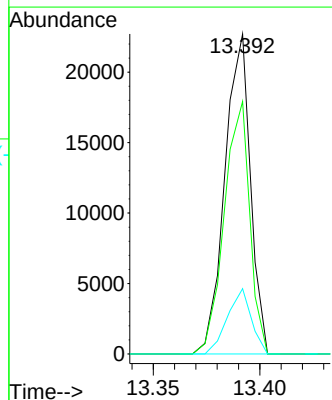
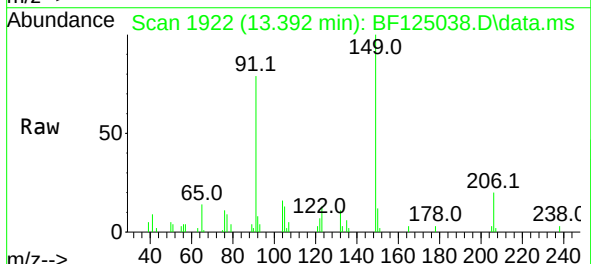
Instrument :
 BNA_F
 ClientSampleId :
 72-11930MSD

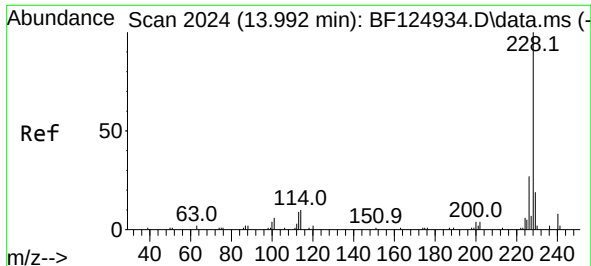
Tgt Ion:244 Resp: 65378
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.4 9.0 13.4#



#80
 Butylbenzylphthalate
 Concen: 51.230 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. 0.006 min
 Lab File: BF125038.D
 Acq: 10 Aug 2021 19:25

Tgt Ion:149 Resp: 18913
 Ion Ratio Lower Upper
 149 100
 91 78.9 51.8 77.8#
 206 20.4 14.5 21.7

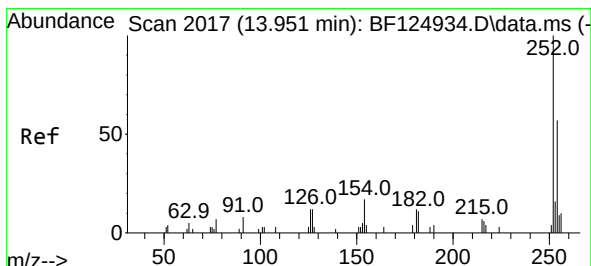
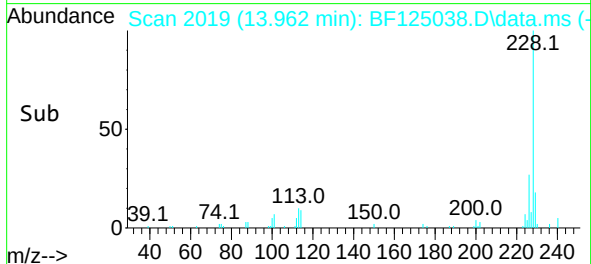
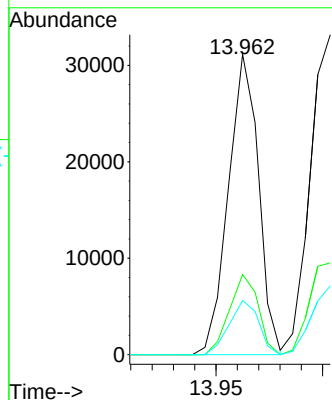
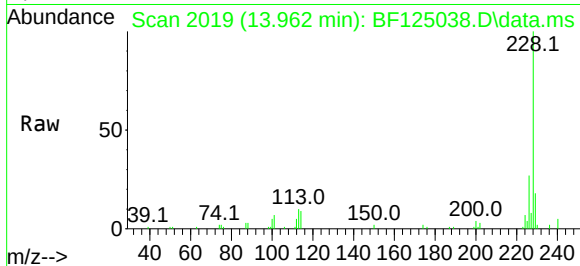




#81
Benzo(a)anthracene
Concen: 44.640 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

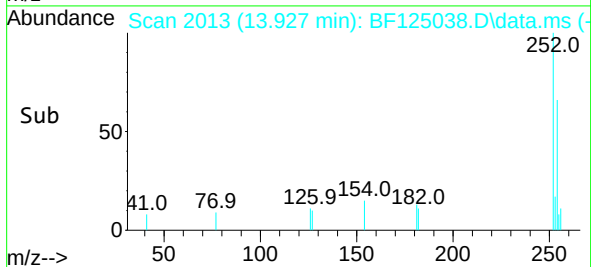
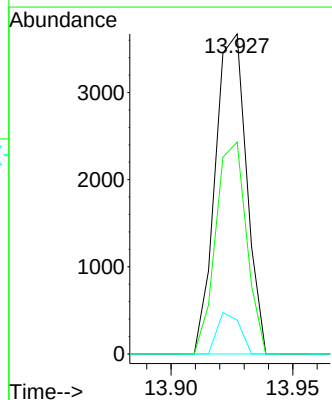
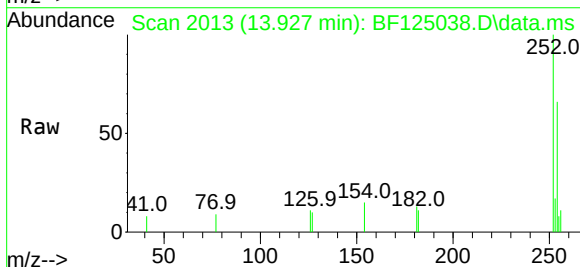
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

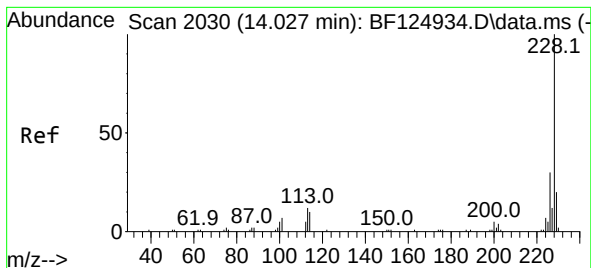
Tgt Ion:228 Resp: 30638
Ion Ratio Lower Upper
228 100
226 26.7 21.6 32.4
229 18.0 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 18.160 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion:252 Resp: 3286
Ion Ratio Lower Upper
252 100
254 66.2 51.4 77.0
126 10.6 9.5 14.3





#83

Chrysene

Concen: 44.753 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF125038.D

Acq: 10 Aug 2021 19:25

Tgt Ion:228 Resp: 29693

Ion Ratio Lower Upper

228 100

226 28.7 22.6 34.0

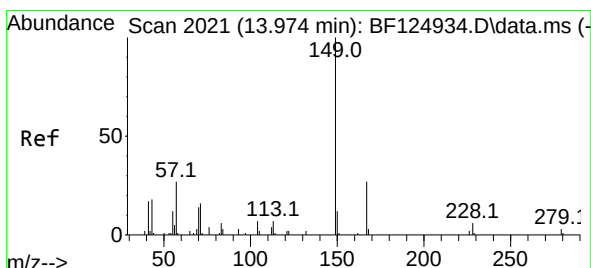
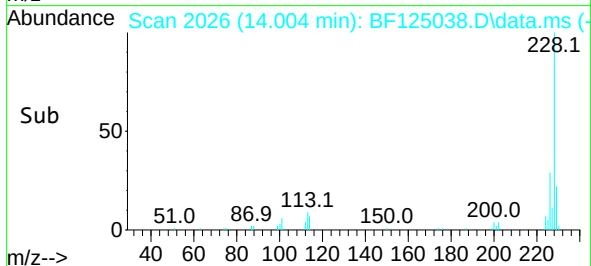
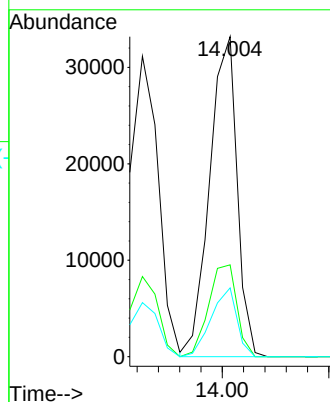
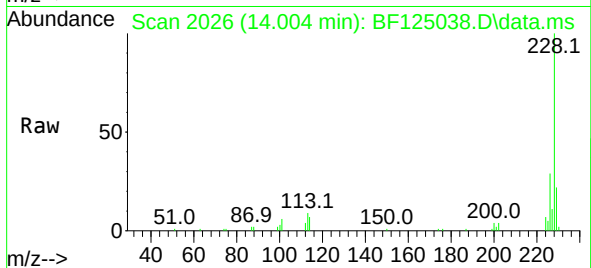
229 21.5 15.9 23.9

Instrument :

BNA_F

ClientSampleId :

72-11930MSD



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.480 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF125038.D

Acq: 10 Aug 2021 19:25

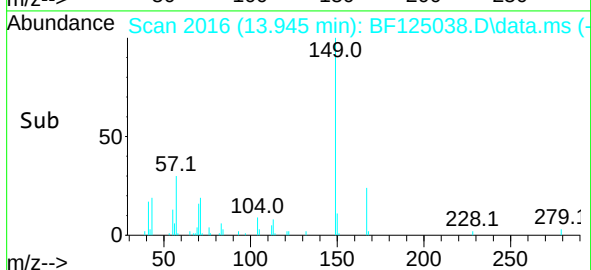
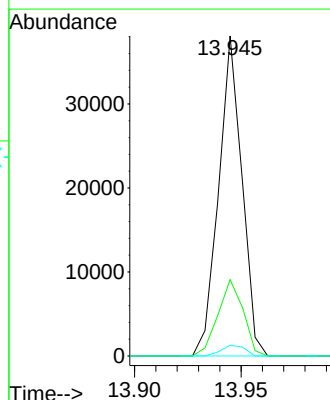
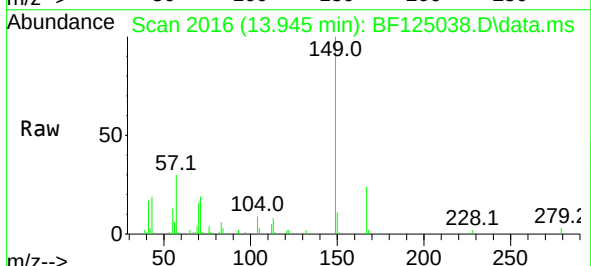
Tgt Ion:149 Resp: 28925

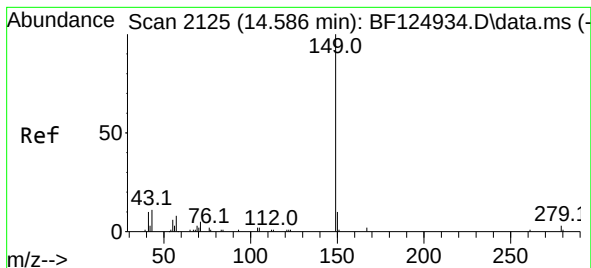
Ion Ratio Lower Upper

149 100

167 23.9 21.4 32.0

279 3.3 2.6 4.0

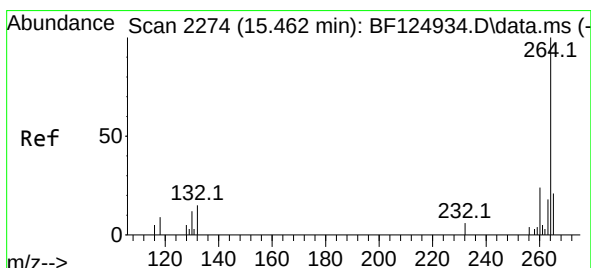
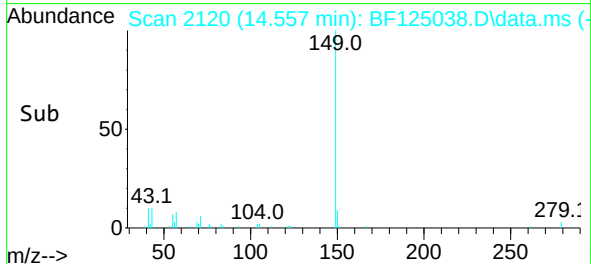
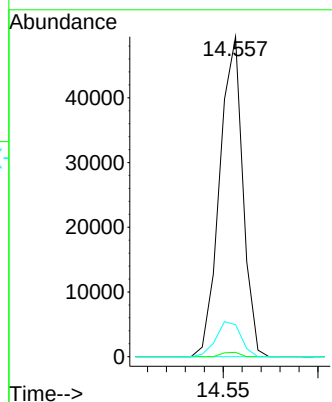
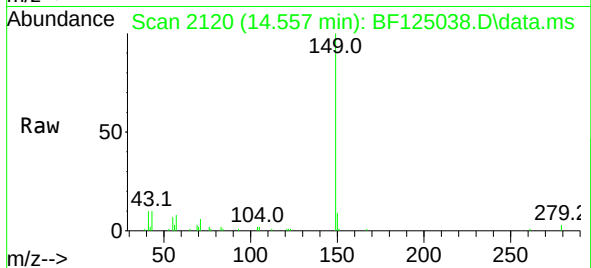




#85
Di-n-octyl phthalate
Concen: 52.061 ng
RT: 14.557 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

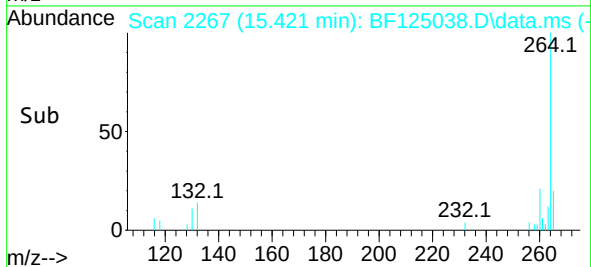
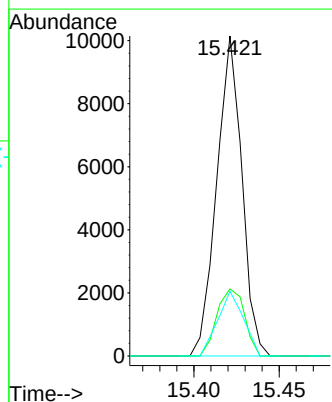
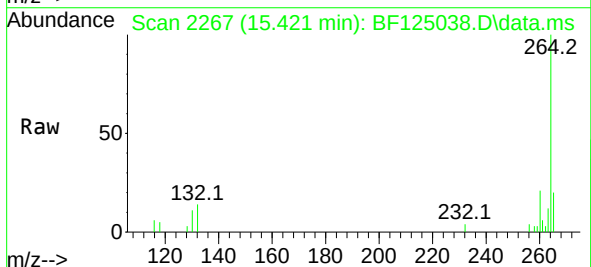
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

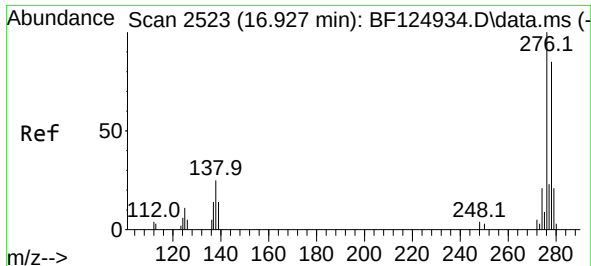
Tgt Ion:149 Resp: 42063
Ion Ratio Lower Upper
149 100
167 1.1 1.0 1.6
43 11.8 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion:264 Resp: 10409
Ion Ratio Lower Upper
264 100
260 20.9 19.6 29.4
265 20.2 17.2 25.8

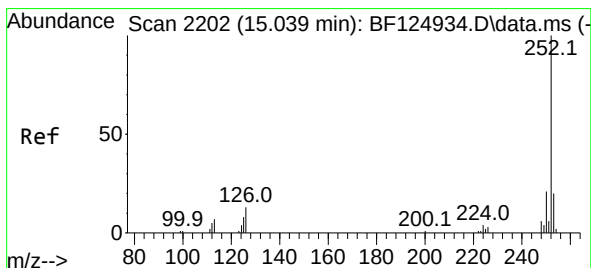
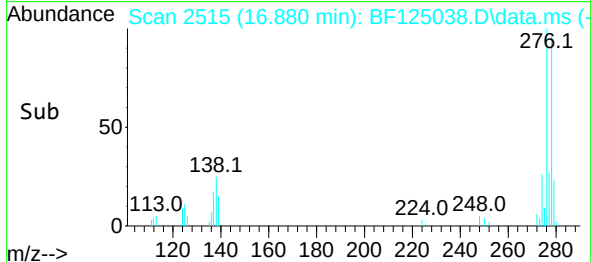
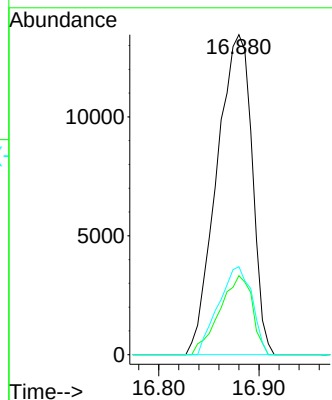
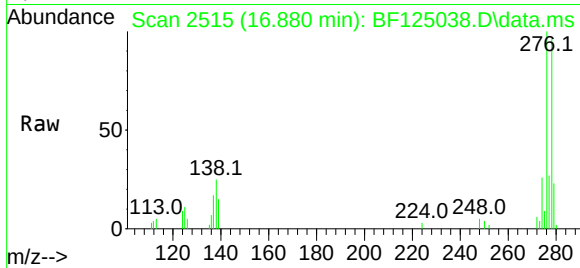




#87
Indeno(1,2,3-cd)pyrene
Concen: 52.977 ng
RT: 16.880 min Scan# 2515
Delta R.T. 0.018 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

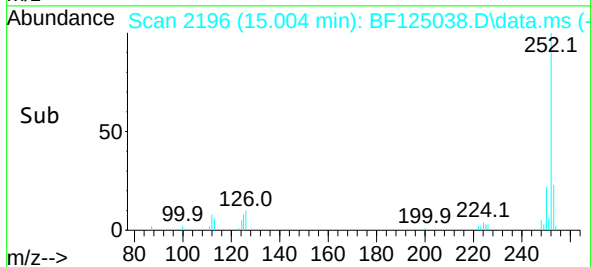
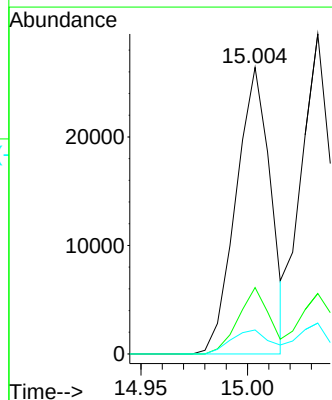
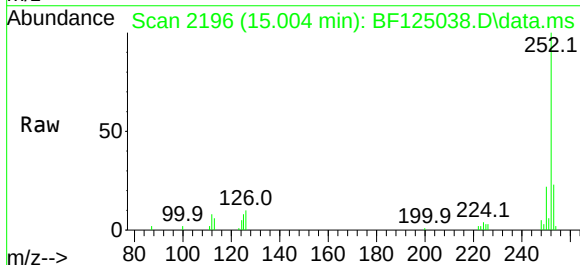
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

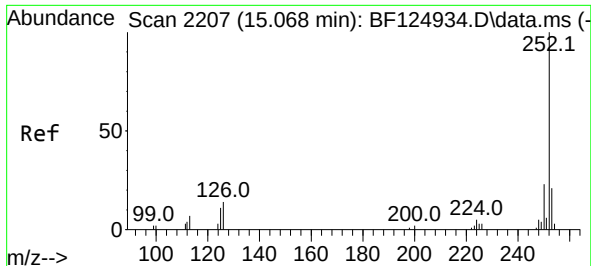
Tgt Ion:276 Resp: 32838
Ion Ratio Lower Upper
276 100
138 23.0 24.1 36.1#
277 26.0 18.8 28.2



#88
Benzo(b)fluoranthene
Concen: 40.858 ng
RT: 15.004 min Scan# 2196
Delta R.T. 0.006 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion:252 Resp: 29862
Ion Ratio Lower Upper
252 100
253 23.2 16.8 25.2
125 8.4 9.8 14.8#





#89

Benzo(k)fluoranthene

Concen: 42.380 ng

RT: 15.033 min Scan# 2201

Delta R.T. 0.006 min

Lab File: BF125038.D

Acq: 10 Aug 2021 19:25

Tgt Ion:252 Resp: 28177

Ion Ratio Lower Upper

252 100

253 18.9 17.8 26.8

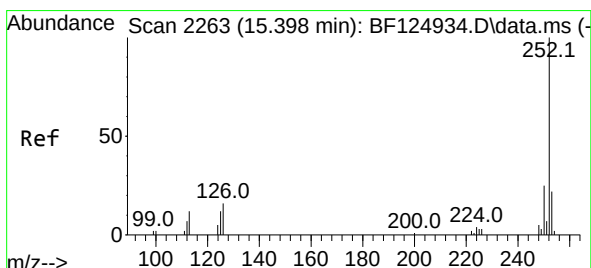
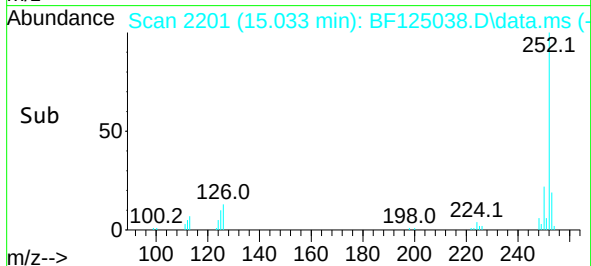
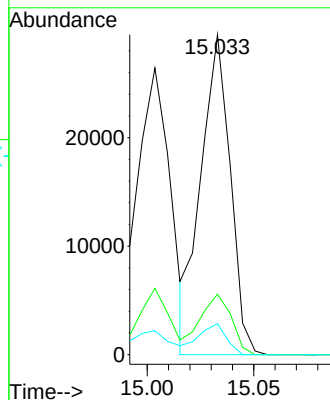
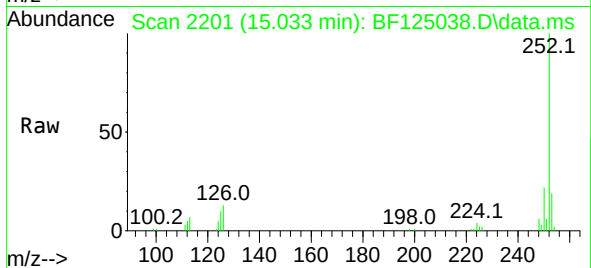
125 9.6 7.2 10.8

Instrument :

BNA_F

ClientSampleId :

72-11930MSD



#90

Benzo(a)pyrene

Concen: 44.641 ng

RT: 15.368 min Scan# 2258

Delta R.T. 0.012 min

Lab File: BF125038.D

Acq: 10 Aug 2021 19:25

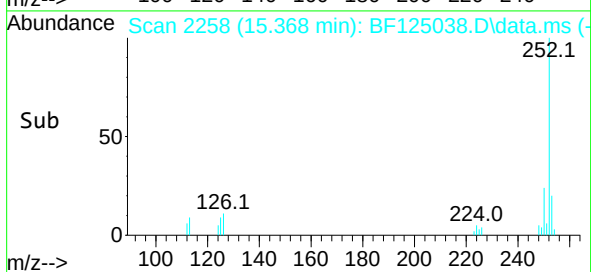
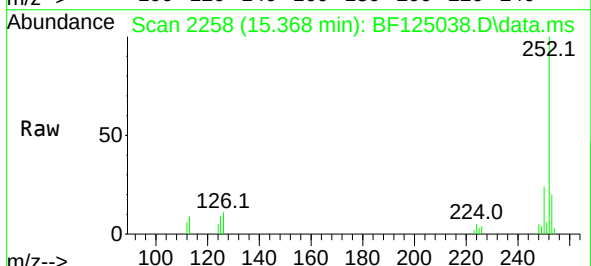
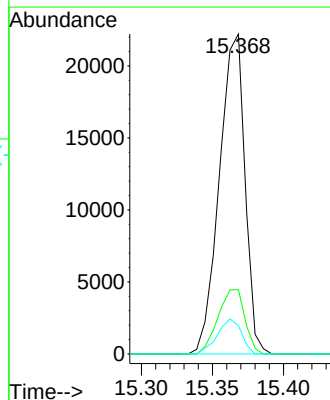
Tgt Ion:252 Resp: 27783

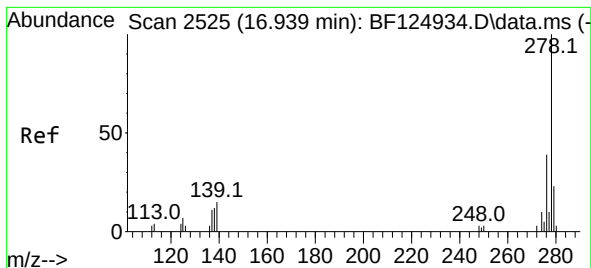
Ion Ratio Lower Upper

252 100

253 20.1 18.4 27.6

125 8.8 9.9 14.9#

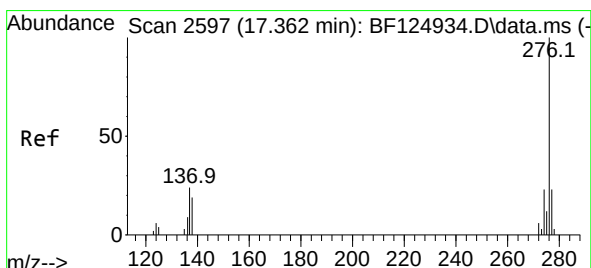
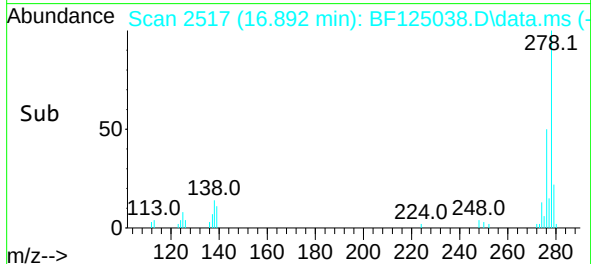
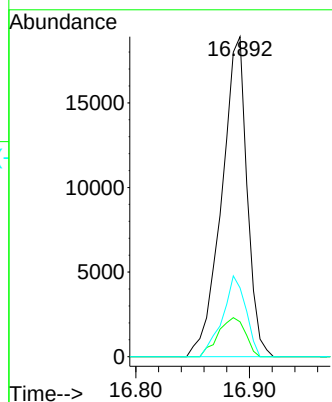
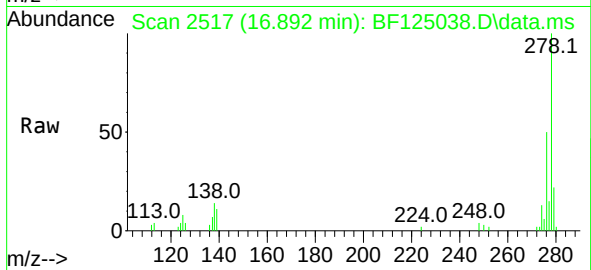




#91
Dibenzo(a,h)anthracene
Concen: 53.701 ng
RT: 16.892 min Scan# 2517
Delta R.T. 0.018 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Instrument :
BNA_F
ClientSampleId :
72-11930MSD

Tgt Ion:278 Resp: 29267
Ion Ratio Lower Upper
278 100
139 10.9 14.9 22.3#
279 21.5 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 54.707 ng
RT: 17.315 min Scan# 2589
Delta R.T. 0.012 min
Lab File: BF125038.D
Acq: 10 Aug 2021 19:25

Tgt Ion:276 Resp: 28600
Ion Ratio Lower Upper
276 100
277 24.9 22.0 33.0
138 17.7 22.2 33.4#

