

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136808.D
 Acq On : 28 Dec 2023 22:54
 Operator : CG\JU
 Sample : 05914-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12000MSD

Quant Time: Dec 28 23:32:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	80448	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	308408	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	151602	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	251276	20.000	ng	0.00
76) Chrysene-d12	13.969	240	147736	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	166908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	481230	93.334	ng	0.00
7) Phenol-d6	6.434	99	607097	90.870	ng	0.00
23) Nitrobenzene-d5	7.345	82	380014	63.052	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	150745	84.430	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	739816	65.635	ng	-0.01
79) Terphenyl-d14	12.904	244	564207	53.370	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	75141	34.977	ng	98
3) Pyridine	3.363	79	182321	34.784	ng	97
4) n-Nitrosodimethylamine	3.334	42	112281	40.113	ng	100
6) Aniline	6.451	93	206149	30.863	ng	# 45
8) 2-Chlorophenol	6.575	128	231974	41.113	ng	94
9) Benzaldehyde	6.334	77	60761	15.989	ng	96
10) Phenol	6.446	94	278450	39.043	ng	93
11) bis(2-Chloroethyl)ether	6.522	93	218362	40.260	ng	99
12) 1,3-Dichlorobenzene	6.722	146	234449	38.089	ng	99
13) 1,4-Dichlorobenzene	6.798	146	242766	38.600	ng	99
14) 1,2-Dichlorobenzene	6.951	146	226031	38.623	ng	99
15) Benzyl Alcohol	6.934	79	190130	42.184	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.057	45	342251	38.596	ng	89
17) 2-Methylphenol	7.045	107	183152	39.183	ng	97
18) Hexachloroethane	7.287	117	86084	37.689	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	158111	39.041	ng	99
20) 3+4-Methylphenols	7.198	107	227263	38.917	ng	# 83
22) Acetophenone	7.193	105	324075	41.923	ng	# 92
24) Nitrobenzene	7.369	77	236207	39.124	ng	94
25) Isophorone	7.604	82	425294	38.780	ng	99
26) 2-Nitrophenol	7.681	139	120975	41.880	ng	97
27) 2,4-Dimethylphenol	7.722	122	169766	48.274	ng	96
28) bis(2-Chloroethoxy)met...	7.816	93	268475	40.274	ng	98
29) 2,4-Dichlorophenol	7.928	162	186223	41.132	ng	95
30) 1,2,4-Trichlorobenzene	8.004	180	196257	38.906	ng	98
31) Naphthalene	8.081	128	659393	38.918	ng	100
32) Benzoic acid	7.863	122	120381	35.379	ng	94
33) 4-Chloroaniline	8.134	127	108658	17.369	ng	97
34) Hexachlorobutadiene	8.198	225	116864	38.131	ng	98
35) Caprolactam	8.516	113	45663	30.573	ng	99
36) 4-Chloro-3-methylphenol	8.628	107	199375	39.117	ng	100
37) 2-Methylnaphthalene	8.775	142	420566	38.570	ng	98
38) 1-Methylnaphthalene	8.875	142	401536	37.534	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	204942	43.651	ng	99
41) Hexachlorocyclopentadiene	8.922	237	105396	70.993	ng	100
43) 2,4,6-Trichlorophenol	9.057	196	127146	42.227	ng	95

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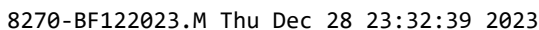
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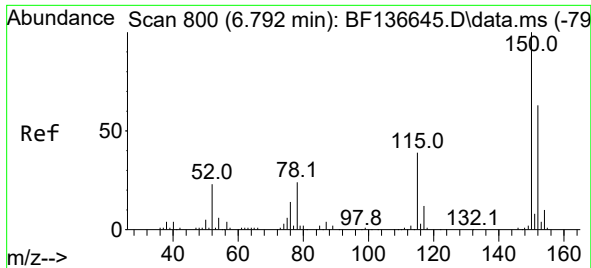
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	135590	40.410	ng	97
46) 1,1'-Biphenyl	9.239	154	548492	43.115	ng	99
47) 2-Chloronaphthalene	9.263	162	392217	40.555	ng	100
48) 2-Nitroaniline	9.369	65	125235	41.352	ng	92
49) Acenaphthylene	9.681	152	640572	43.333	ng	99
50) Dimethylphthalate	9.545	163	460014	41.542	ng	99
51) 2,6-Dinitrotoluene	9.610	165	99095	39.431	ng	90
52) Acenaphthene	9.851	154	369275	40.299	ng	98
53) 3-Nitroaniline	9.781	138	80672	30.303	ng	90
54) 2,4-Dinitrophenol	9.892	184	67453	49.903	ng	89
55) Dibenzofuran	10.028	168	550287	39.617	ng	98
56) 4-Nitrophenol	9.957	139	120604	67.109	ng	98
57) 2,4-Dinitrotoluene	10.016	165	120637	36.977	ng	99
58) Fluorene	10.369	166	433246	39.309	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	104986	40.647	ng	96
60) Diethylphthalate	10.245	149	454334	39.544	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	204841	38.237	ng	94
62) 4-Nitroaniline	10.398	138	90407	35.227	ng	97
63) Azobenzene	10.522	77	410381	38.242	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	50183	34.848	ng	92
66) n-Nitrosodiphenylamine	10.486	169	373959	45.814	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	124152	44.489	ng	96
68) Hexachlorobenzene	10.916	284	131447	42.268	ng	98
69) Atrazine	11.016	200	112383	53.830	ng	99
70) Pentachlorophenol	11.116	266	102700	70.849	ng	97
71) Phenanthrene	11.333	178	607866	47.146	ng	99
72) Anthracene	11.386	178	548333	41.994	ng	99
73) Carbazole	11.545	167	474940	38.580	ng	100
74) Di-n-butylphthalate	11.875	149	639655	42.581	ng	99
75) Fluoranthene	12.528	202	625072	45.324	ng	97
77) Benzidine	12.651	184	115831	26.591	ng	99
78) Pyrene	12.757	202	613185	42.281	ng	99
80) Butylbenzylphthalate	13.380	149	202249	38.326	ng	95
81) Benzo(a)anthracene	13.957	228	488112	47.581	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	129413	44.420	ng	99
83) Chrysene	13.992	228	463708	46.223	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	291658	43.927	ng	99
85) Di-n-octyl phthalate	14.563	149	518812	50.515	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	456475	37.879	ng	99
88) Benzo(b)fluoranthene	15.016	252	513871	46.096	ng	99
89) Benzo(k)fluoranthene	15.045	252	431108	40.926	ng	98
90) Benzo(a)pyrene	15.386	252	424815	45.145	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	368789	37.302	ng	96
92) Benzo(g,h,i)perylene	17.410	276	356397	35.196	ng	99

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

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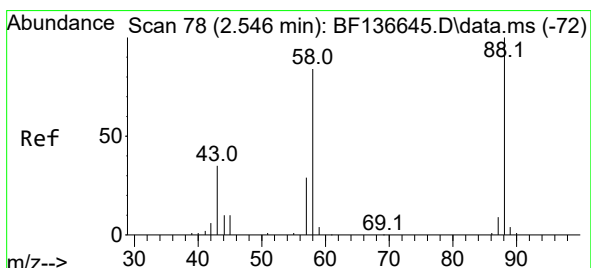
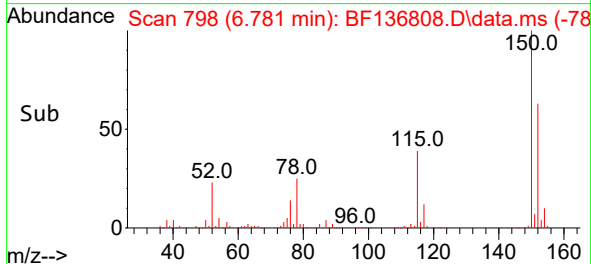
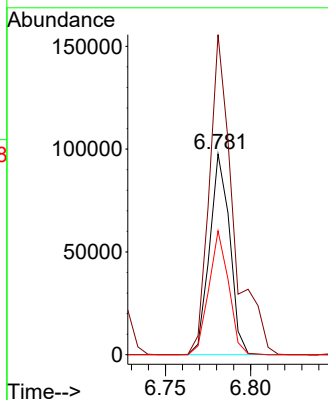
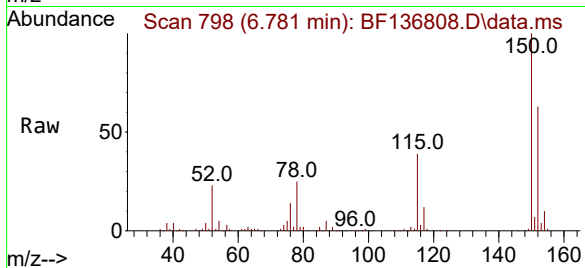




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136808.D
 Acq: 28 Dec 2023 22:54

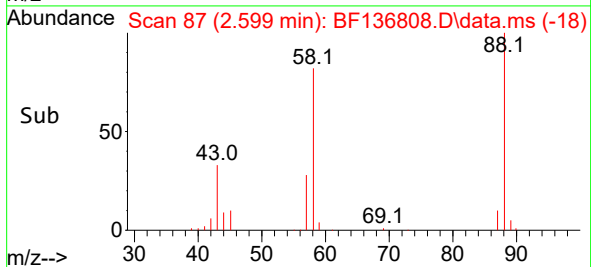
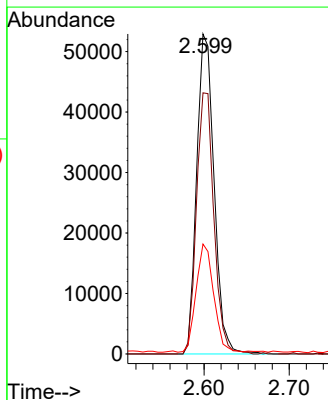
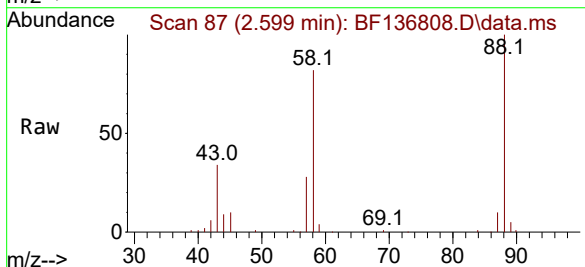
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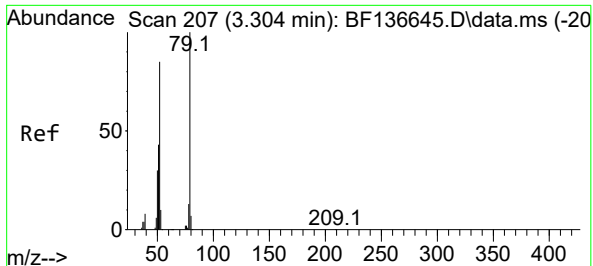
Tgt Ion:152 Resp: 80448
 Ion Ratio Lower Upper
 152 100
 150 159.4 127.0 190.6
 115 61.7 49.0 73.4



#2
 1,4-Dioxane
 Concen: 34.977 ng
 RT: 2.599 min Scan# 87
 Delta R.T. 0.053 min
 Lab File: BF136808.D
 Acq: 28 Dec 2023 22:54

Tgt Ion: 88 Resp: 75141
 Ion Ratio Lower Upper
 88 100
 58 81.7 67.4 101.0
 43 34.2 27.7 41.5

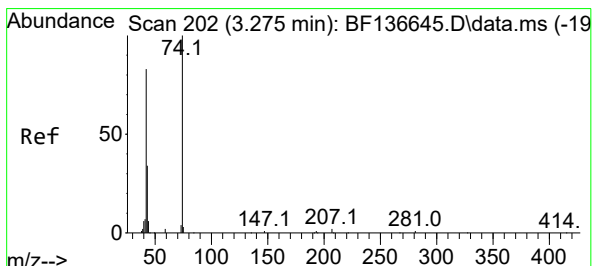
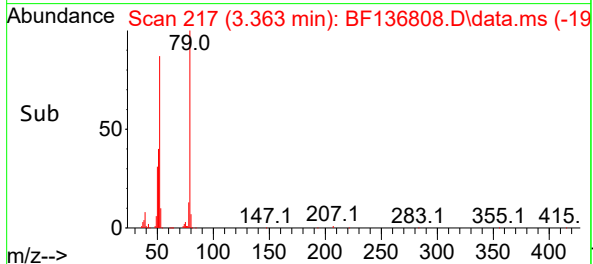
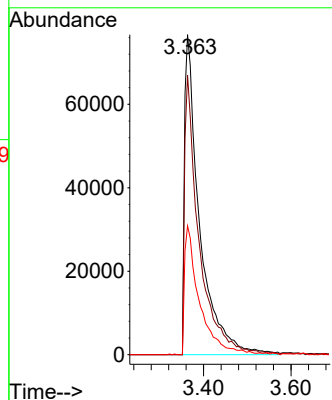
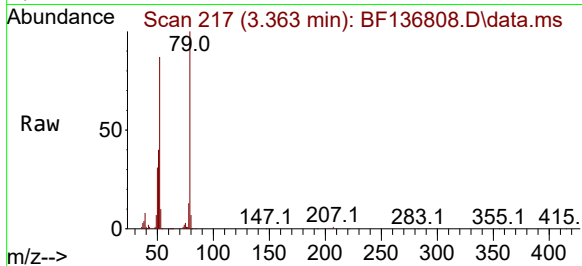




#3
Pyridine
Concen: 34.784 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.059 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

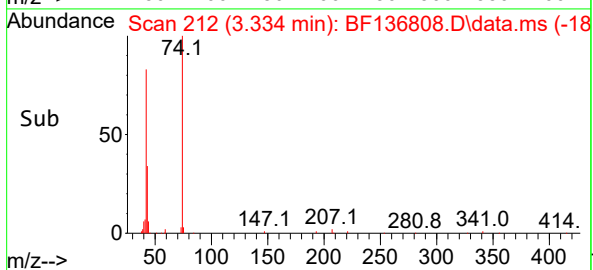
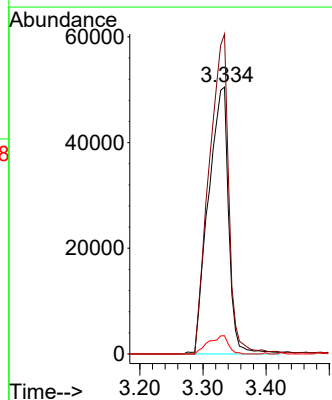
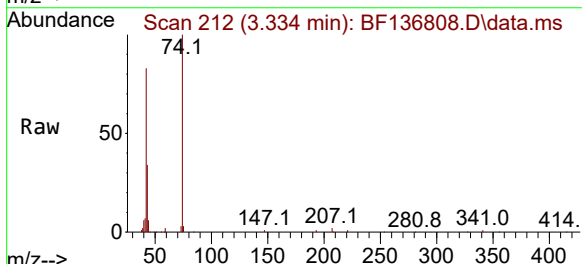
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ClientSampleId :
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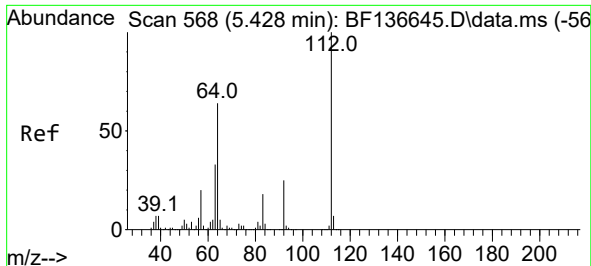
Tgt Ion: 79 Resp: 182321
Ion Ratio Lower Upper
79 100
52 87.4 67.7 101.5
51 40.3 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 40.113 ng
RT: 3.334 min Scan# 212
Delta R.T. 0.059 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

Tgt Ion: 42 Resp: 112281
Ion Ratio Lower Upper
42 100
74 119.9 96.0 144.0
44 6.8 5.4 8.2

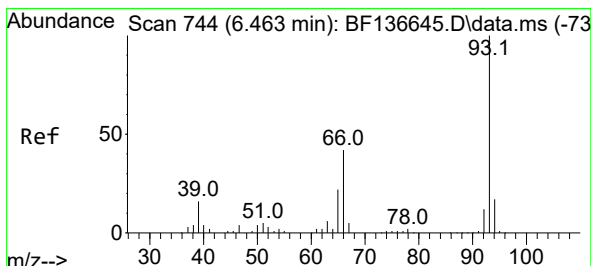
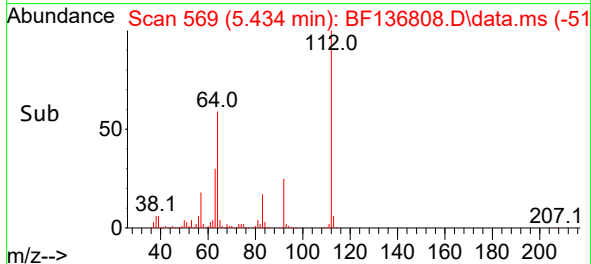
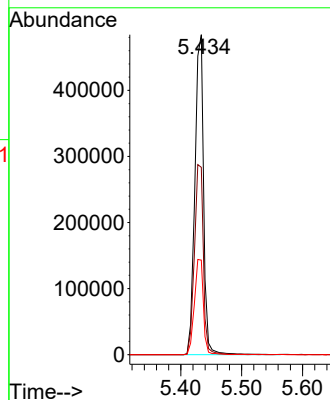
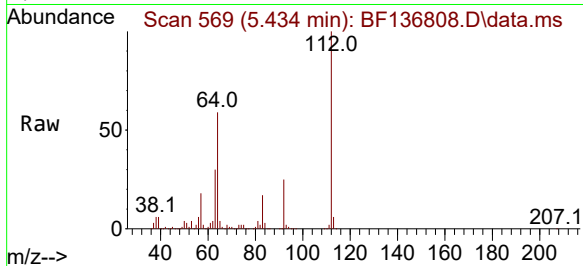




#5
2-Fluorophenol
Concen: 93.334 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

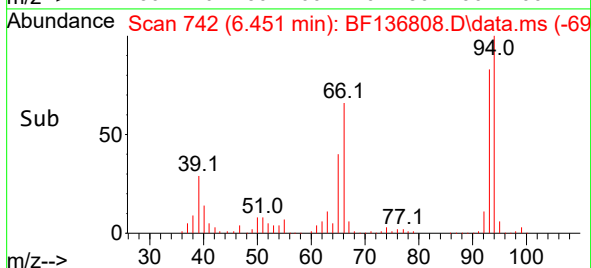
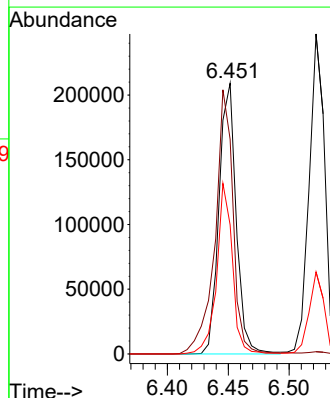
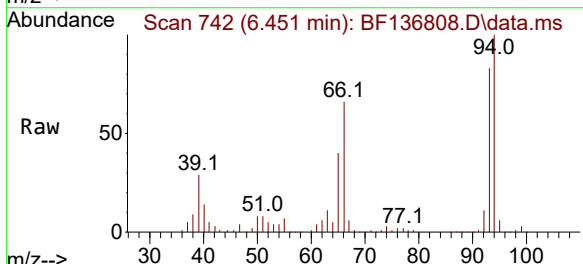
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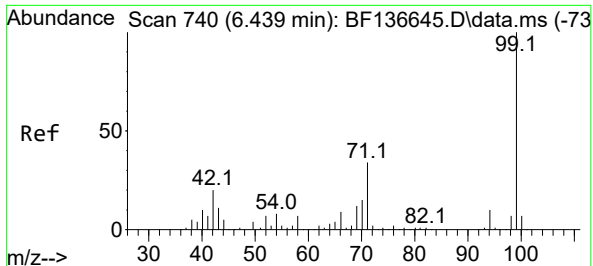
Tgt Ion:112 Resp: 481230
Ion Ratio Lower Upper
112 100
64 58.5 51.1 76.7
63 29.5 26.1 39.1



#6
Aniline
Concen: 30.863 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

Tgt Ion: 93 Resp: 206149
Ion Ratio Lower Upper
93 100
66 79.3 34.6 51.8#
65 47.7 17.8 26.8#

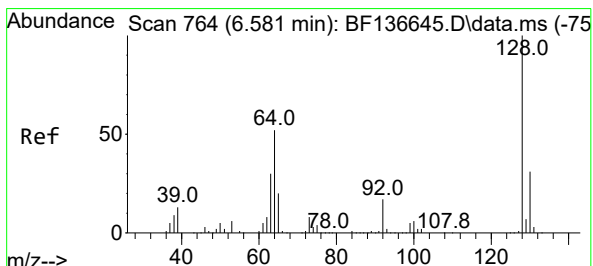
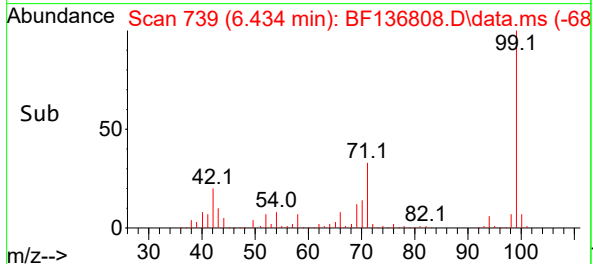
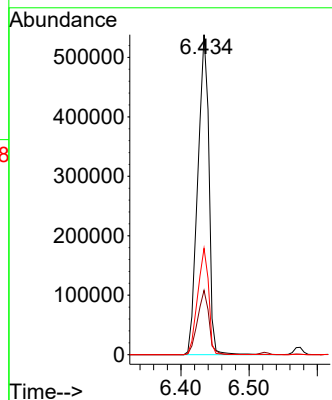
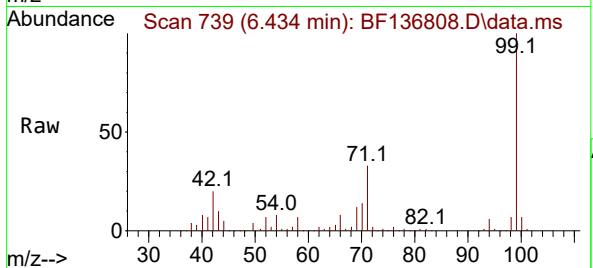




#7
Phenol-d6
Concen: 90.870 ng
RT: 6.434 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

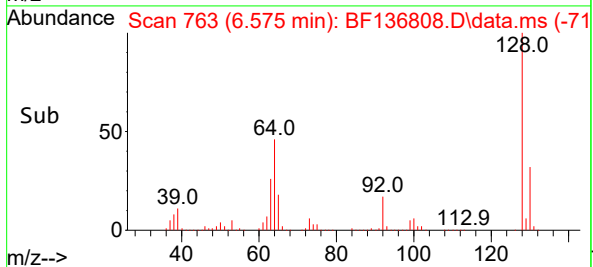
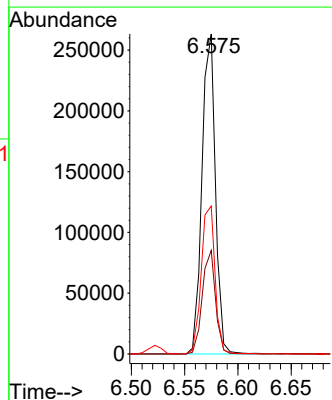
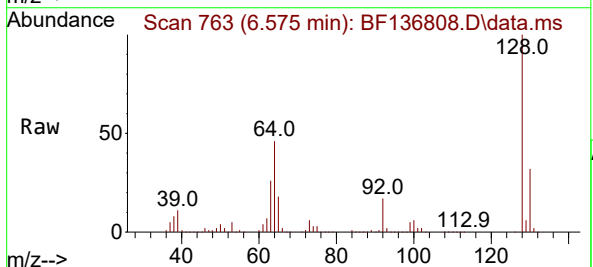
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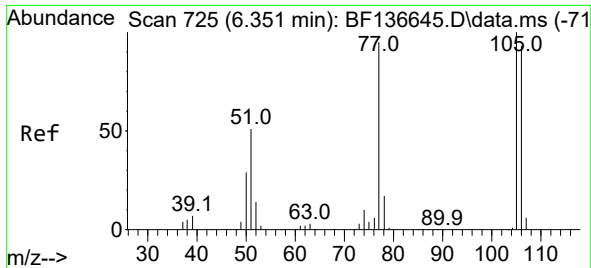
Tgt Ion: 99 Resp: 607097
Ion Ratio Lower Upper
99 100
42 20.1 16.1 24.1
71 33.3 27.4 41.2



#8
2-Chlorophenol
Concen: 41.113 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

Tgt Ion: 128 Resp: 231974
Ion Ratio Lower Upper
128 100
130 32.3 11.3 51.3
64 46.2 32.5 72.5

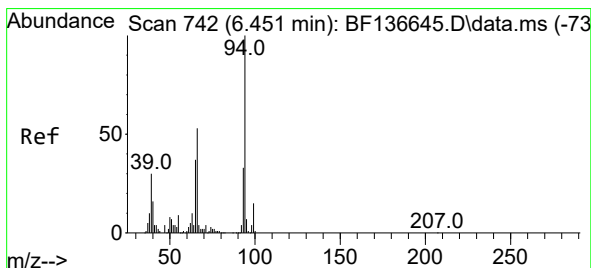
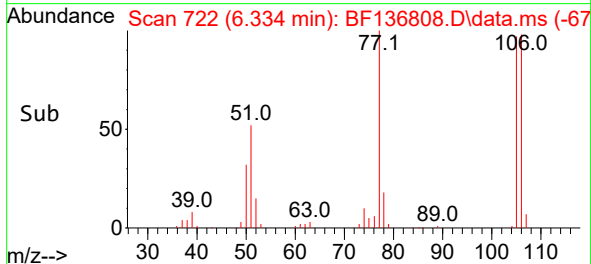
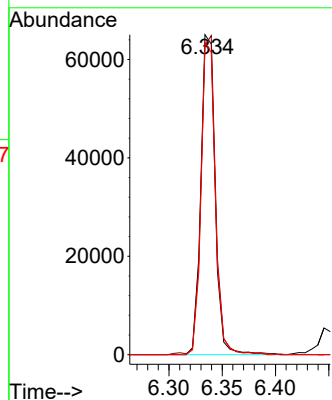
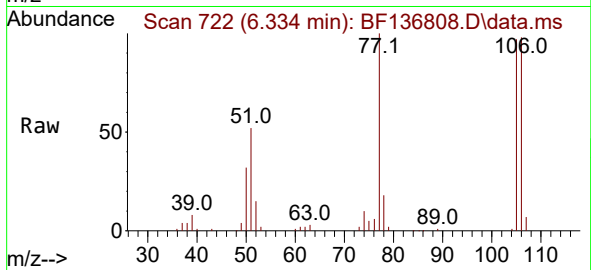




#9
Benzaldehyde
Concen: 15.989 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

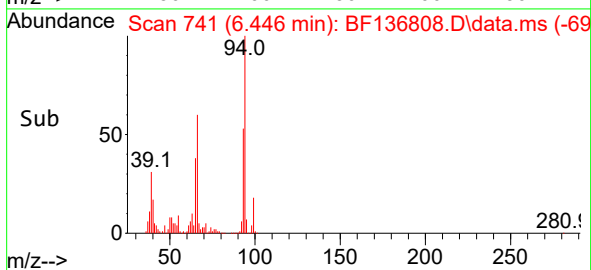
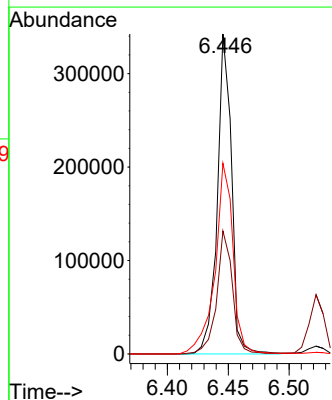
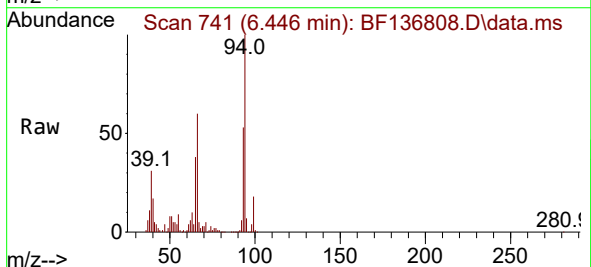
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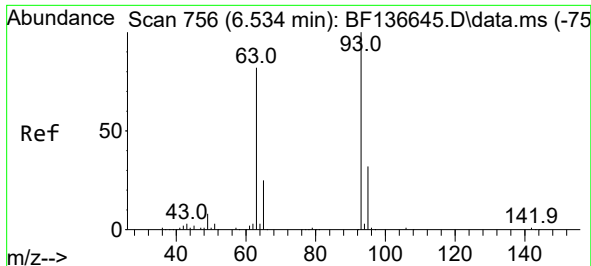
Tgt Ion: 77 Resp: 60761
Ion Ratio Lower Upper
77 100
105 96.6 84.8 124.8
106 97.6 77.8 117.8



#10
Phenol
Concen: 39.043 ng
RT: 6.446 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

Tgt Ion: 94 Resp: 278450
Ion Ratio Lower Upper
94 100
65 38.5 16.6 56.6
66 59.6 32.6 72.6

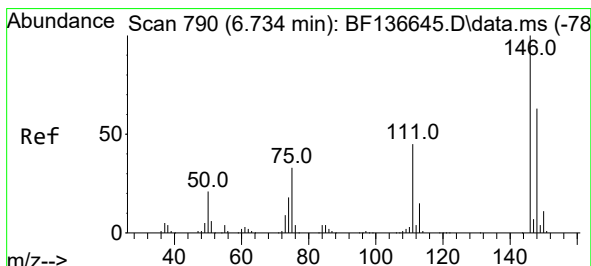
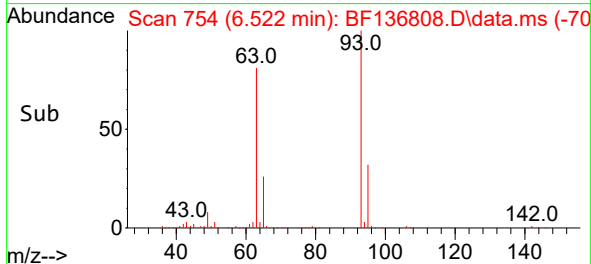
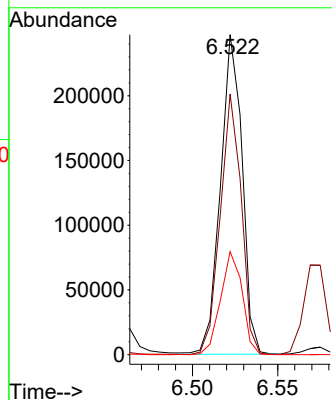
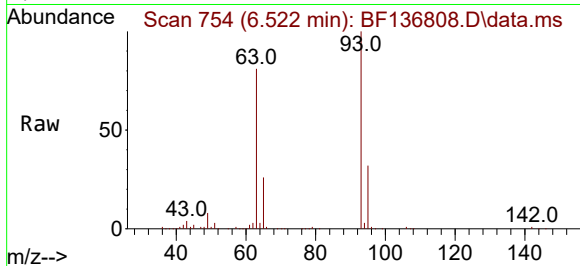




#11
bis(2-Chloroethyl)ether
Concen: 40.260 ng
RT: 6.522 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

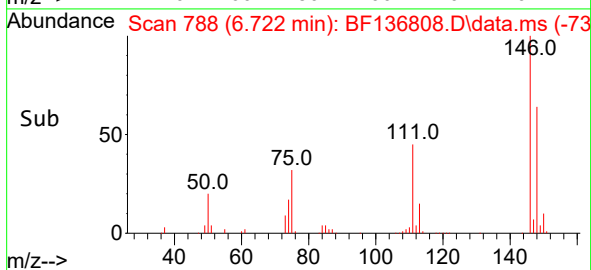
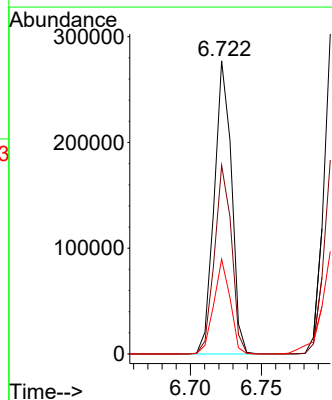
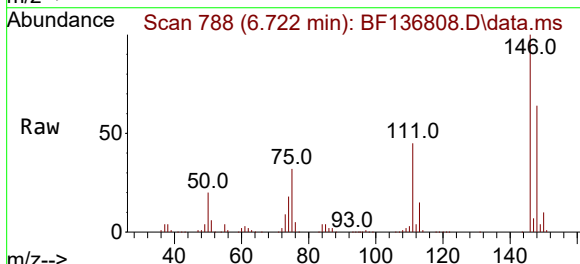
Instrument :
BNA_F
ClientSampleId :
72-12000MSD

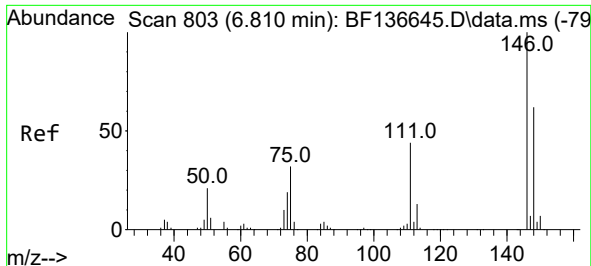
Tgt Ion: 93 Resp: 218362
Ion Ratio Lower Upper
93 100
63 81.4 61.2 101.2
95 32.2 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 38.089 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

Tgt Ion:146 Resp: 234449
Ion Ratio Lower Upper
146 100
148 64.3 50.5 75.7
75 32.3 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 38.600 ng

RT: 6.798 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-12000MSD

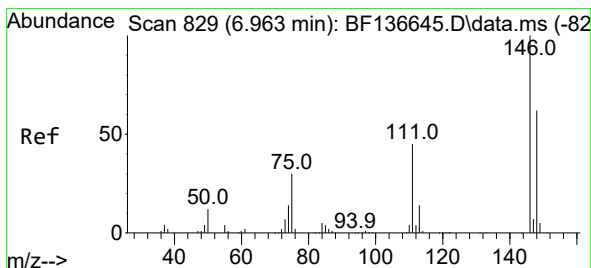
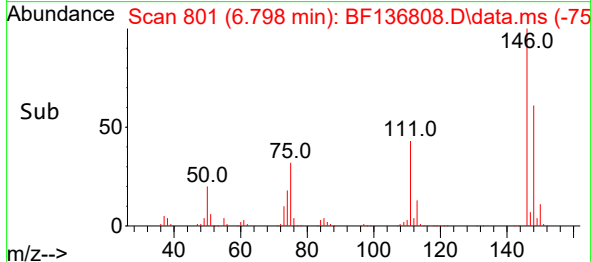
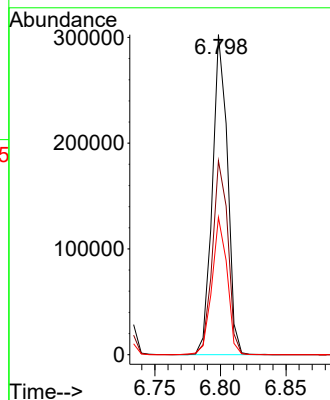
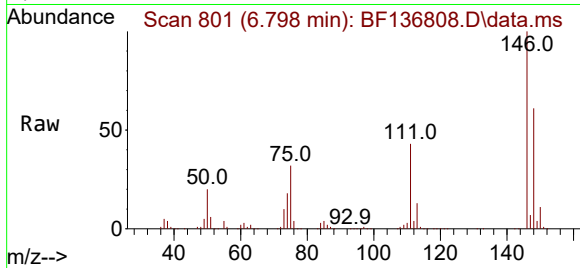
Tgt Ion:146 Resp: 242766

Ion Ratio Lower Upper

146 100

148 60.6 49.2 73.8

111 42.9 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 38.623 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

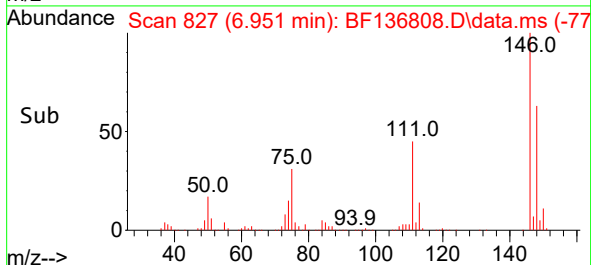
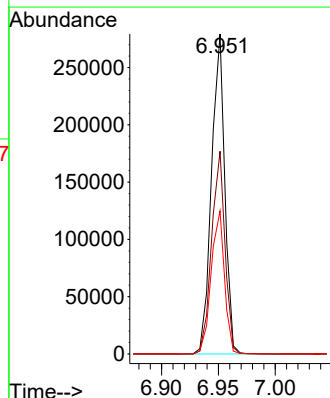
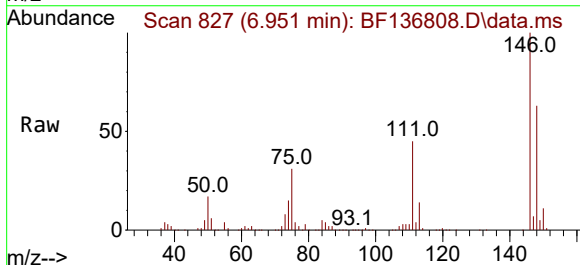
Tgt Ion:146 Resp: 226031

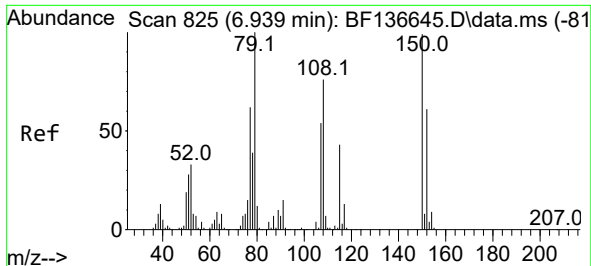
Ion Ratio Lower Upper

146 100

148 63.4 49.6 74.4

111 44.7 36.2 54.2

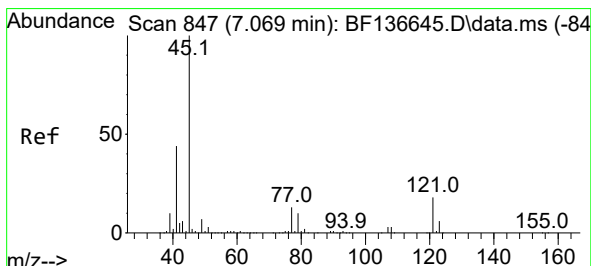
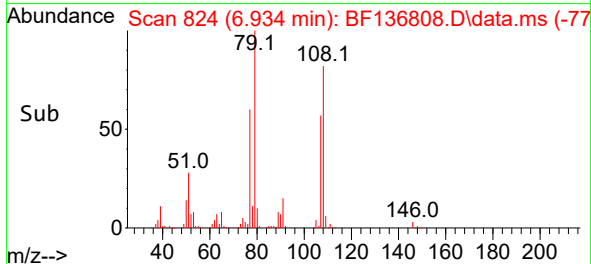
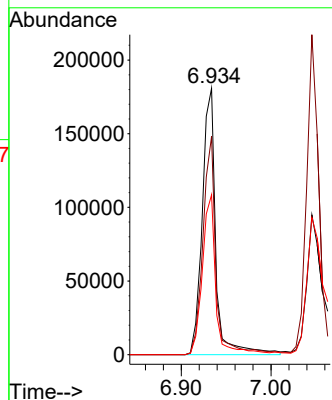
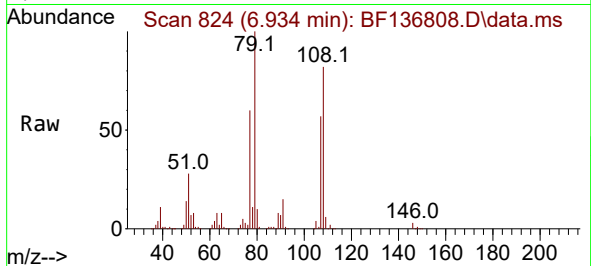




#15
Benzyl Alcohol
Concen: 42.184 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

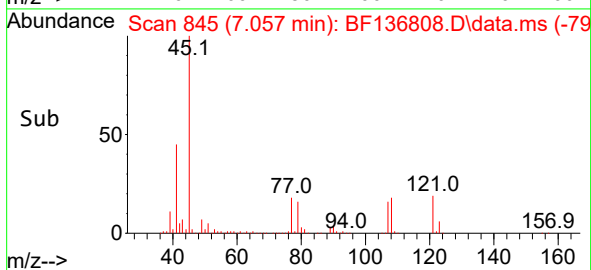
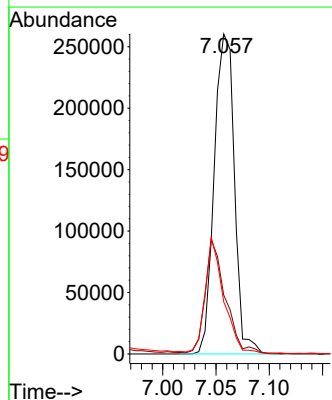
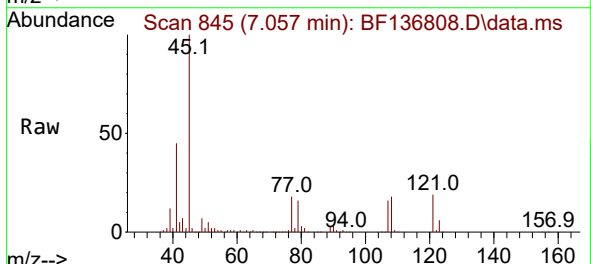
Instrument :
BNA_F
ClientSampleId :
72-12000MSD

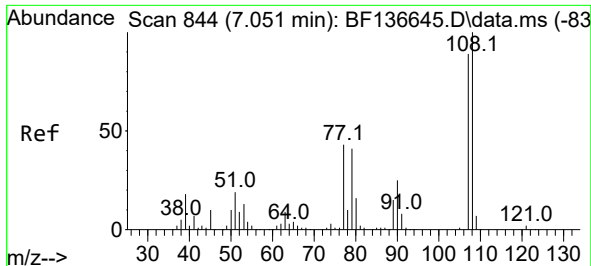
Tgt Ion: 79 Resp: 190130
Ion Ratio Lower Upper
79 100
108 81.9 61.0 91.6
77 60.0 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.596 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

Tgt Ion: 45 Resp: 342251
Ion Ratio Lower Upper
45 100
77 18.4 0.0 34.3
79 16.3 0.0 31.4

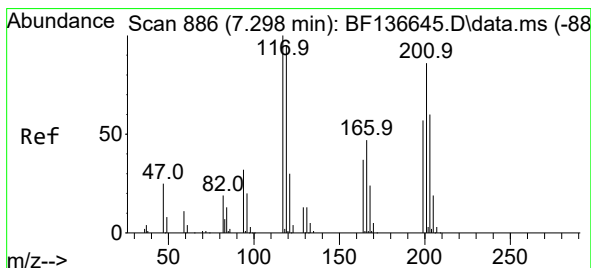
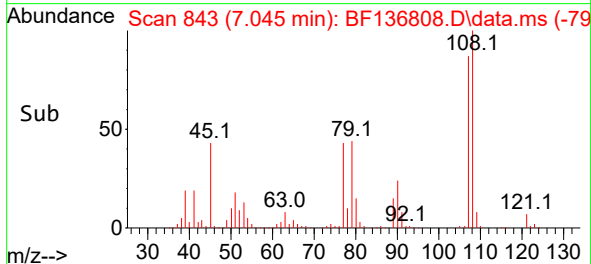
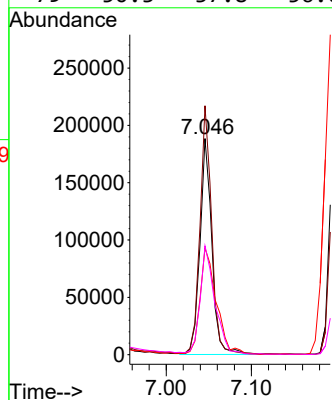
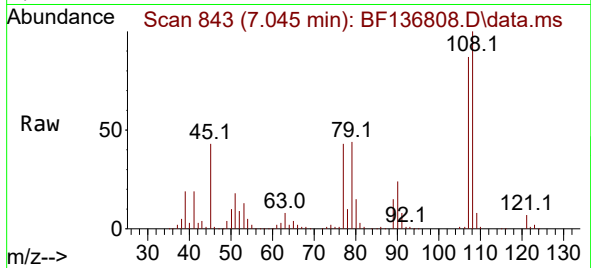




#17
2-Methylphenol
Concen: 39.183 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

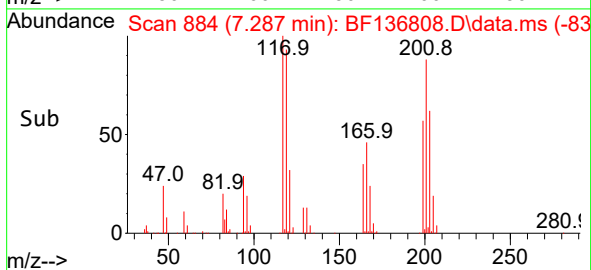
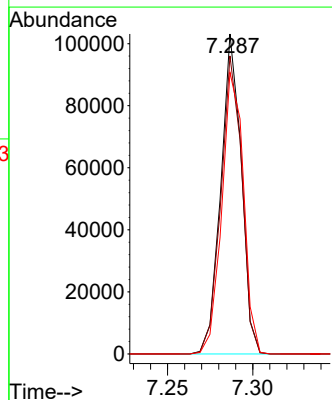
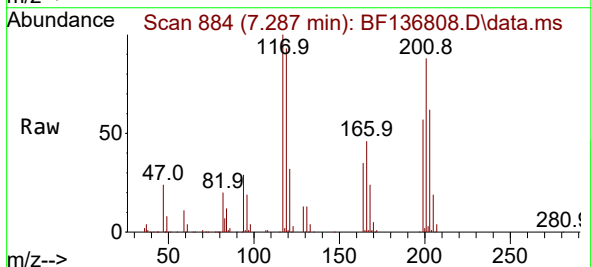
Instrument :
BNA_F
ClientSampleId :
72-12000MSD

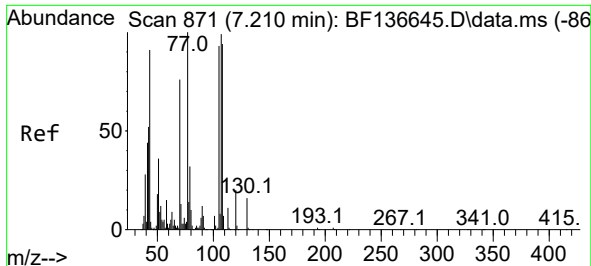
Tgt Ion:107 Resp: 183152
Ion Ratio Lower Upper
107 100
108 115.2 90.3 135.5
77 49.3 38.7 58.1
79 50.3 37.8 56.6



#18
Hexachloroethane
Concen: 37.689 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

Tgt Ion:117 Resp: 86084
Ion Ratio Lower Upper
117 100
119 93.2 75.8 113.6
201 88.0 69.1 103.7





#19

n-Nitroso-di-n-propylamine

Concen: 39.041 ng

RT: 7.198 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF136808.D

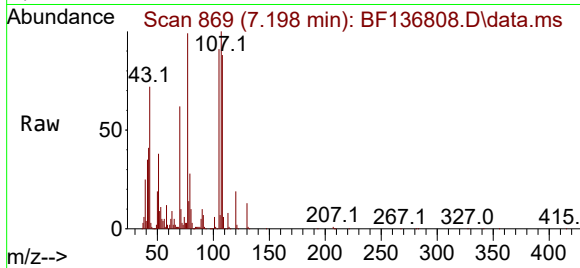
Acq: 28 Dec 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-12000MSD



Tgt Ion: 70 Resp: 158111

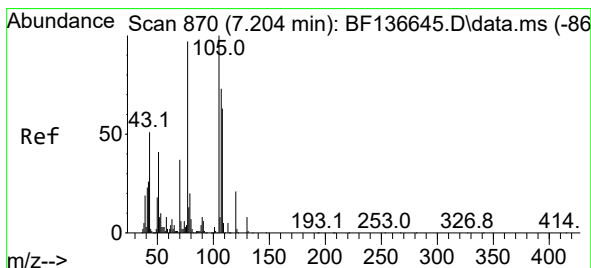
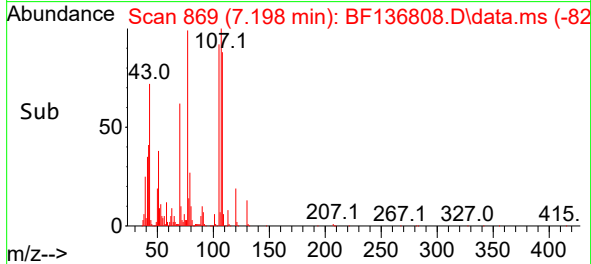
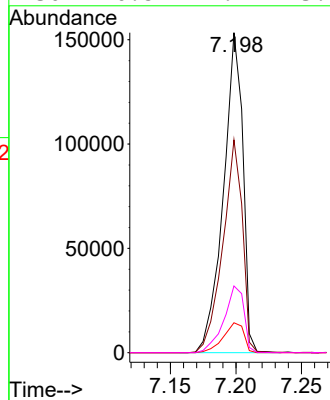
Ion Ratio Lower Upper

70 100

42 66.5 54.2 81.4

101 9.3 7.6 11.4

130 20.8 17.1 25.7



#20

3+4-Methylphenols

Concen: 38.917 ng

RT: 7.198 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

Tgt Ion: 107 Resp: 227263

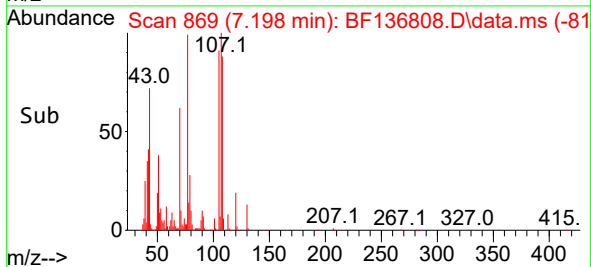
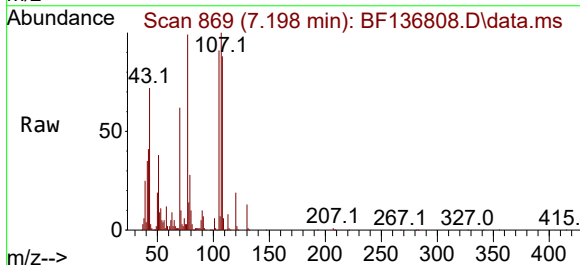
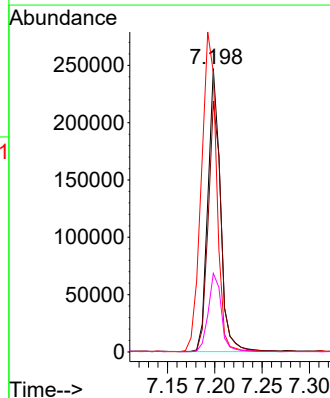
Ion Ratio Lower Upper

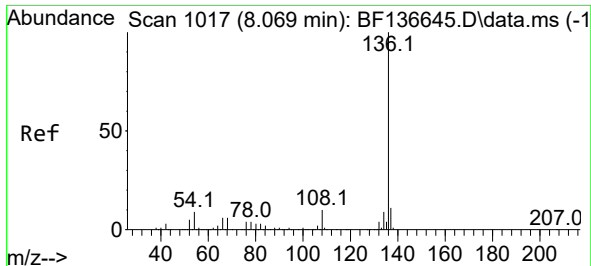
107 100

108 88.5 66.0 106.0

77 98.7 114.2 154.2#

79 27.7 7.2 47.2

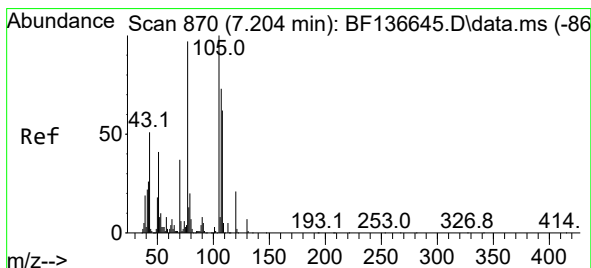
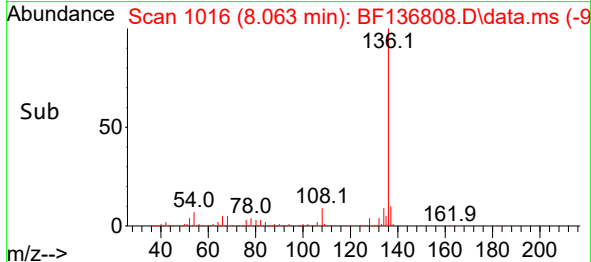
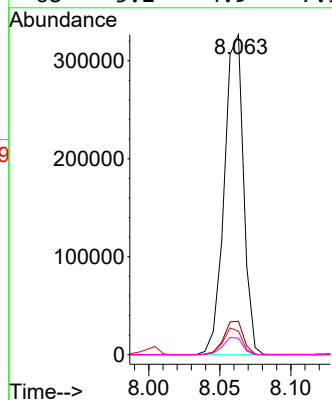
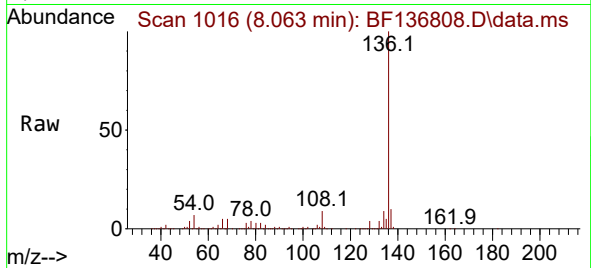




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

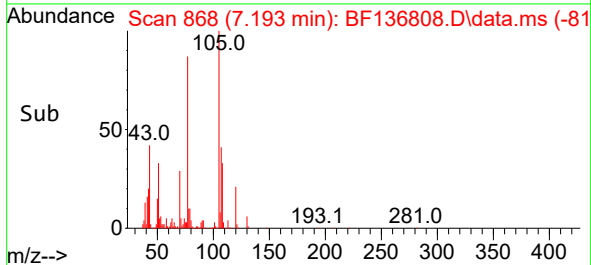
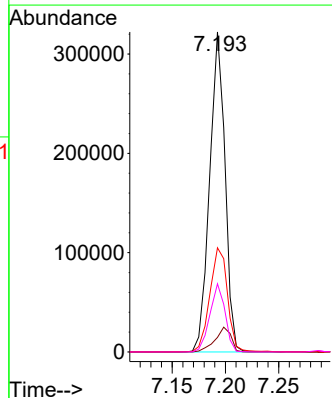
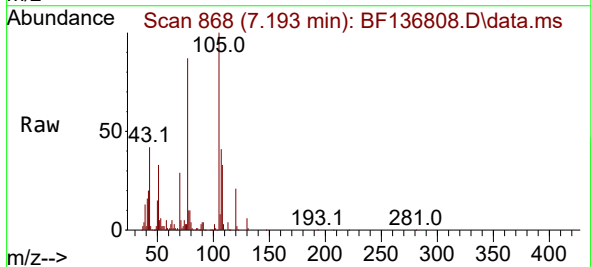
Instrument :
BNA_F
ClientSampleId :
72-12000MSD

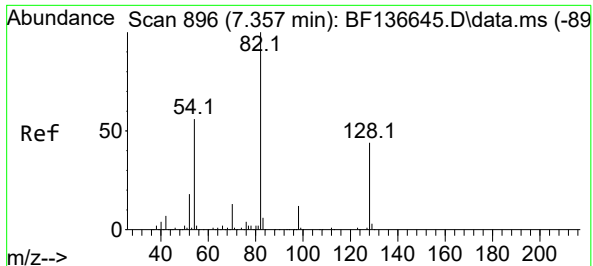
Tgt	Ion:136	Resp:	308408
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	7.4	7.2	10.8
68	5.2	4.9	7.3



#22
Acetophenone
Concen: 41.923 ng
RT: 7.193 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

Tgt	Ion:105	Resp:	324075
Ion	Ratio	Lower	Upper
105	100		
71	4.5	4.8	7.2#
51	32.6	32.8	49.2#
120	21.3	17.0	25.6





#23

Nitrobenzene-d5

Concen: 63.052 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-12000MSD

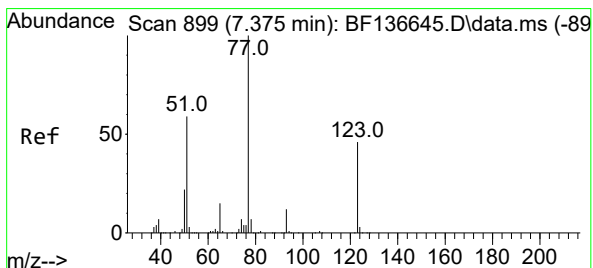
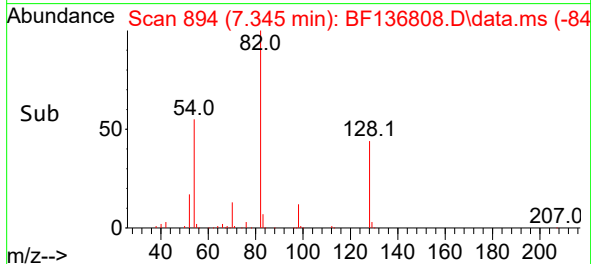
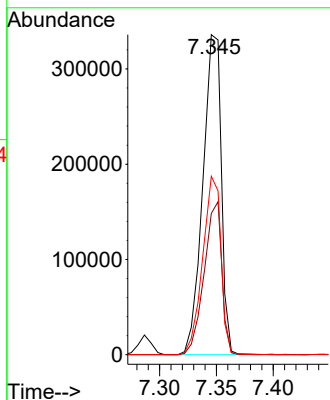
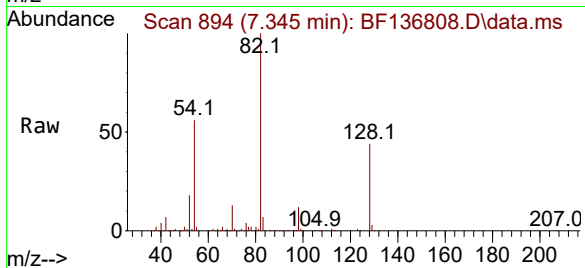
Tgt Ion: 82 Resp: 380014

Ion Ratio Lower Upper

82 100

128 44.1 35.3 52.9

54 55.7 44.5 66.7



#24

Nitrobenzene

Concen: 39.124 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

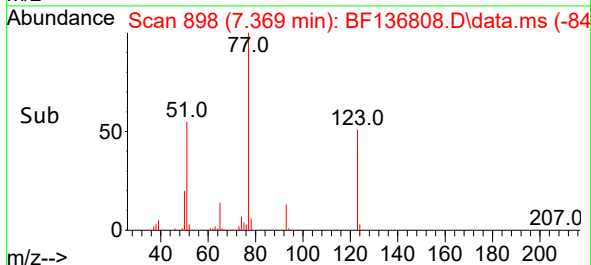
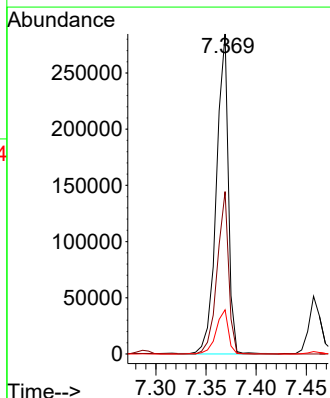
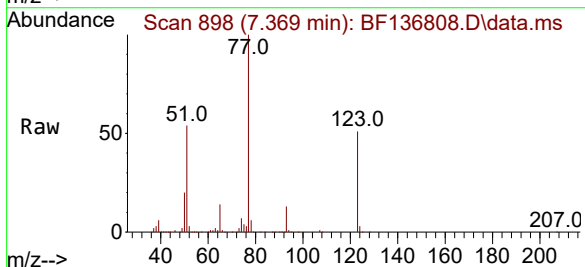
Tgt Ion: 77 Resp: 236207

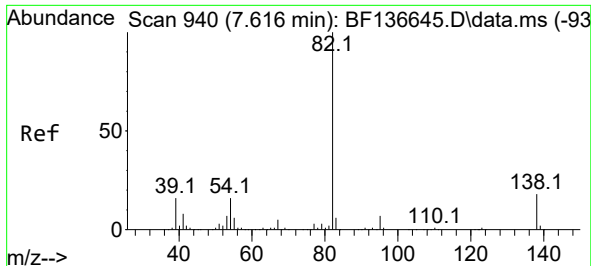
Ion Ratio Lower Upper

77 100

123 50.8 36.7 55.1

65 13.8 11.8 17.6

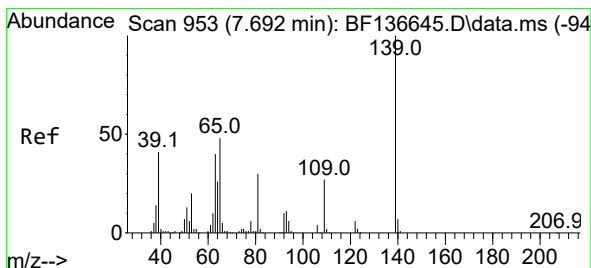
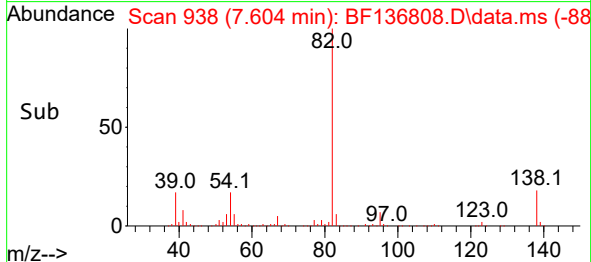
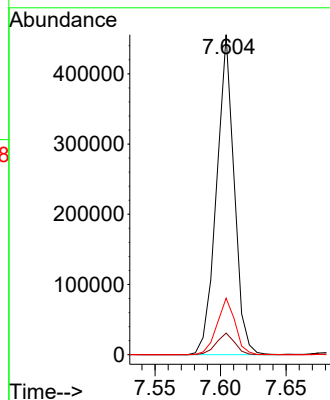
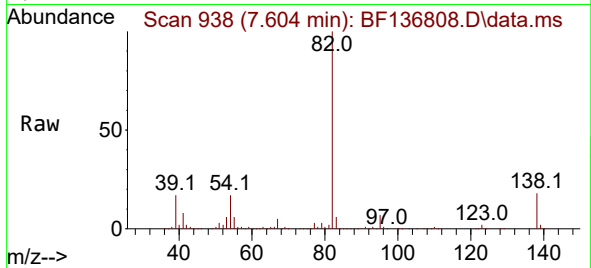




#25
Isophorone
Concen: 38.780 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

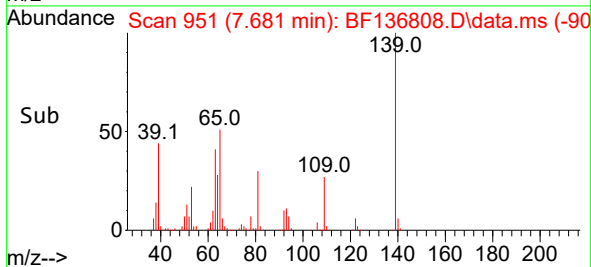
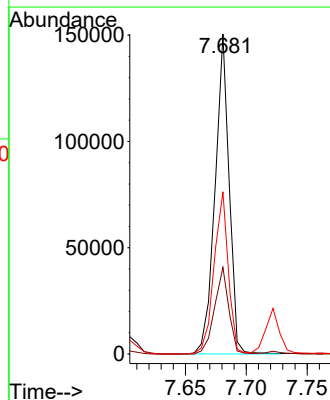
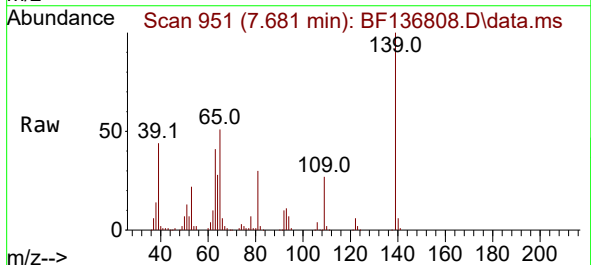
Instrument :
BNA_F
ClientSampleId :
72-12000MSD

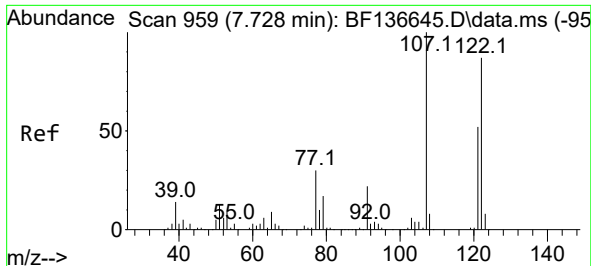
Tgt Ion: 82 Resp: 425294
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.6 14.5 21.7



#26
2-Nitrophenol
Concen: 41.880 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

Tgt Ion: 139 Resp: 120975
Ion Ratio Lower Upper
139 100
109 27.1 21.9 32.9
65 50.7 38.6 58.0

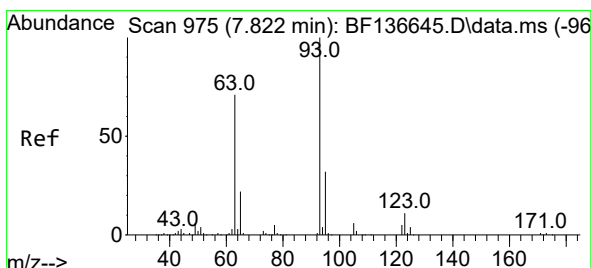
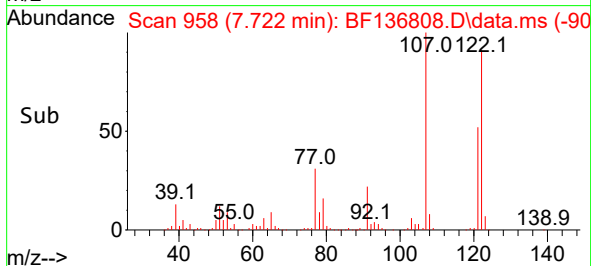
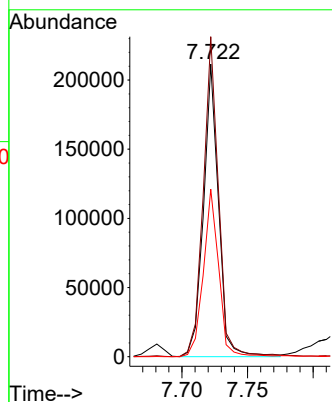
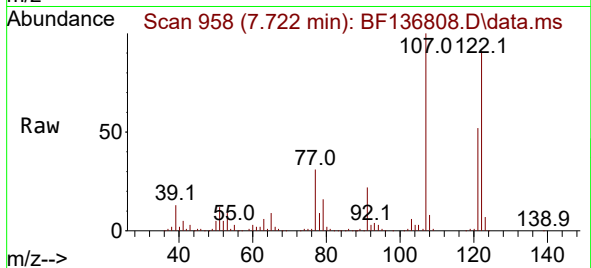




#27
2,4-Dimethylphenol
Concen: 48.274 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

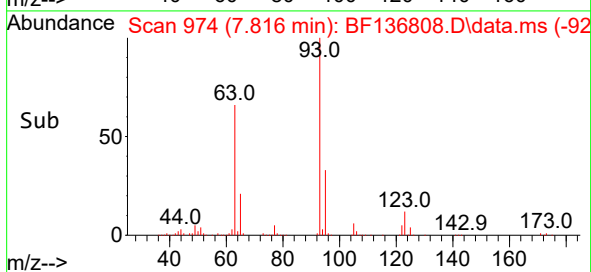
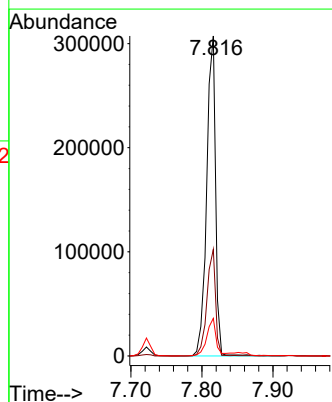
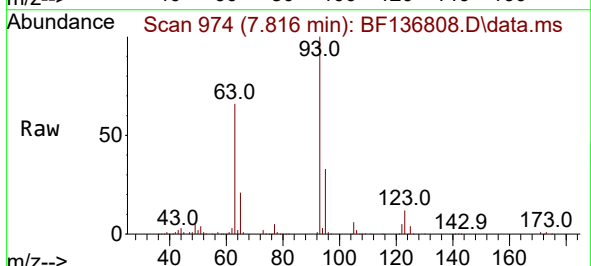
Instrument :
BNA_F
ClientSampleId :
72-12000MSD

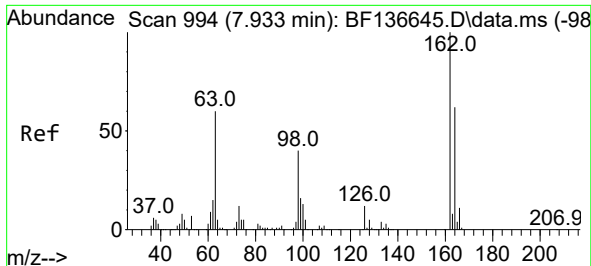
Tgt Ion:122 Resp: 169766
Ion Ratio Lower Upper
122 100
107 109.3 92.0 138.0
121 57.2 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 40.274 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

Tgt Ion: 93 Resp: 268475
Ion Ratio Lower Upper
93 100
95 33.3 25.5 38.3
123 11.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 41.132 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-12000MSD

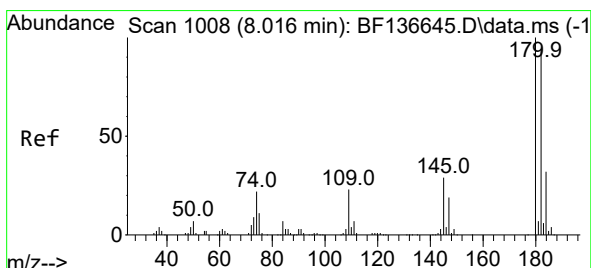
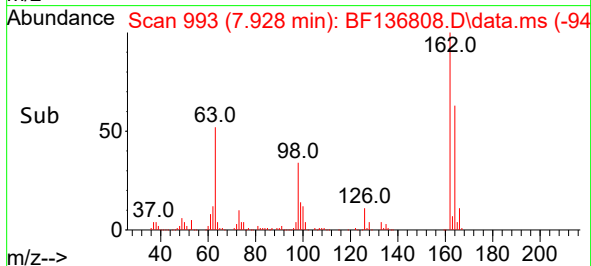
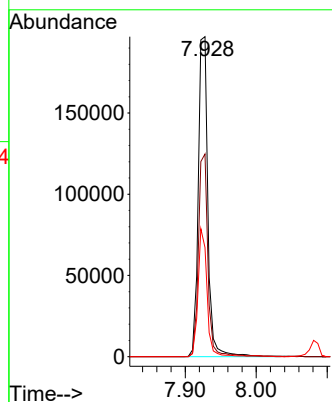
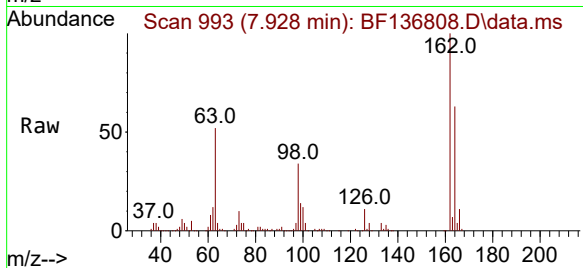
Tgt Ion:162 Resp: 186223

Ion Ratio Lower Upper

162 100

164 63.4 41.7 81.7

98 34.1 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 38.906 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

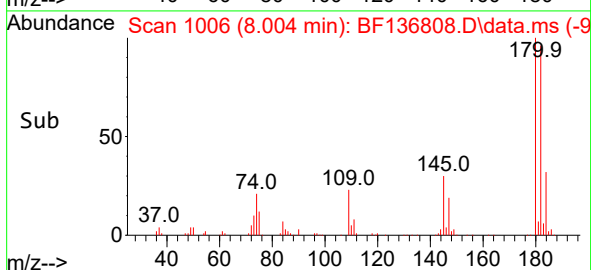
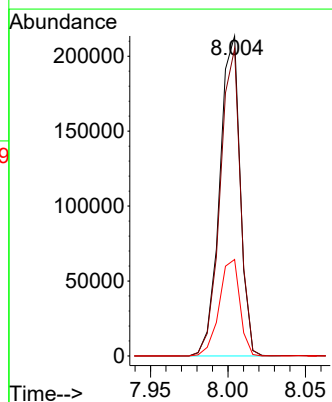
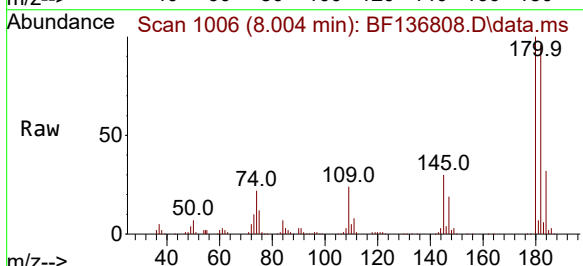
Tgt Ion:180 Resp: 196257

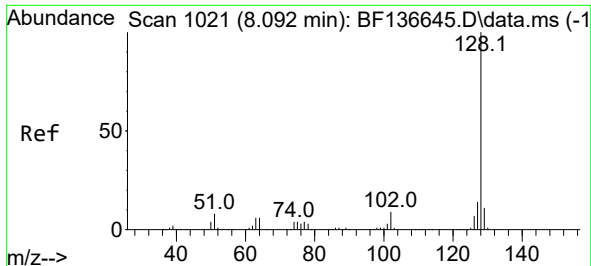
Ion Ratio Lower Upper

180 100

182 96.0 75.4 113.0

145 30.2 23.1 34.7





#31

Naphthalene

Concen: 38.918 ng

RT: 8.081 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-12000MSD

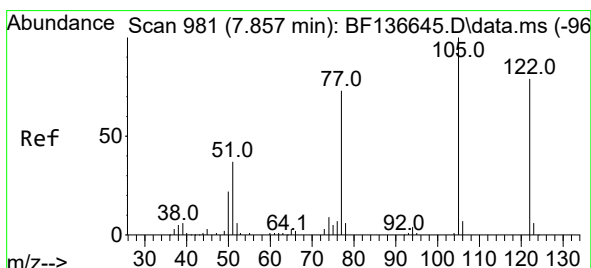
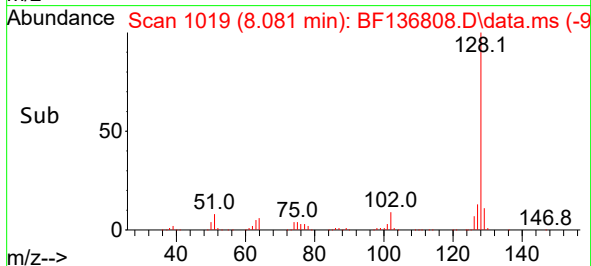
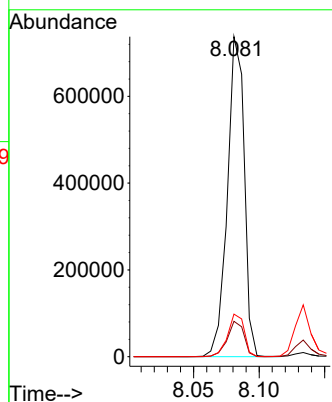
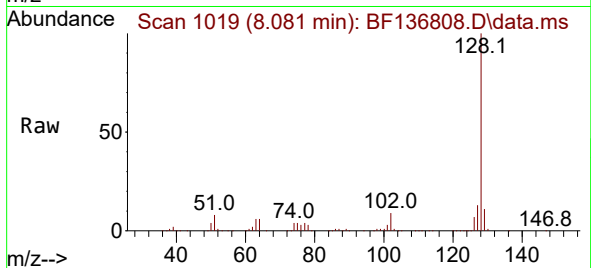
Tgt Ion:128 Resp: 659393

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.3 10.8 16.2



#32

Benzoic acid

Concen: 35.379 ng

RT: 7.863 min Scan# 982

Delta R.T. 0.006 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

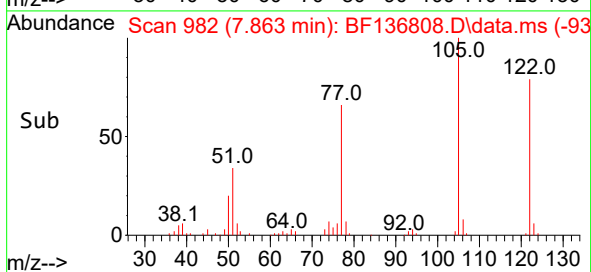
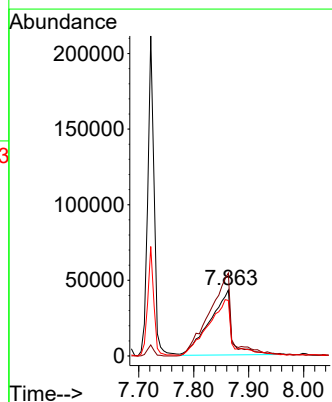
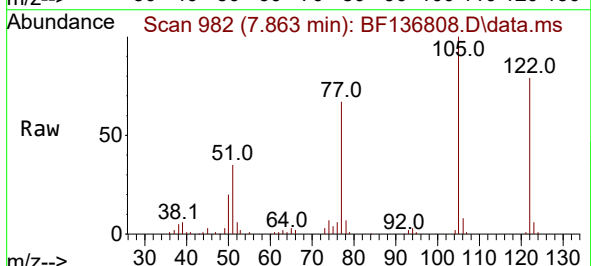
Tgt Ion:122 Resp: 120381

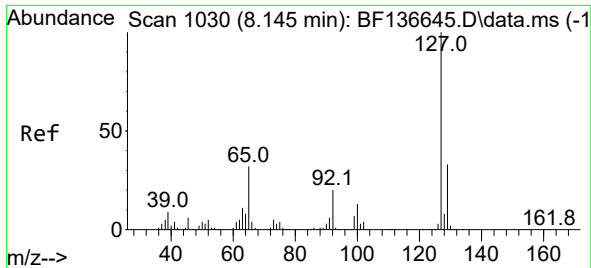
Ion Ratio Lower Upper

122 100

105 126.0 100.8 140.8

77 84.3 70.9 110.9

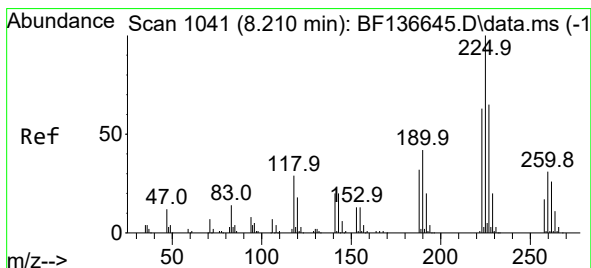
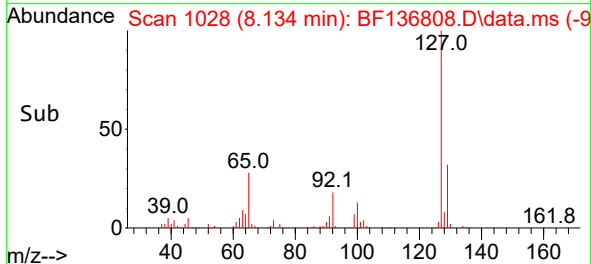
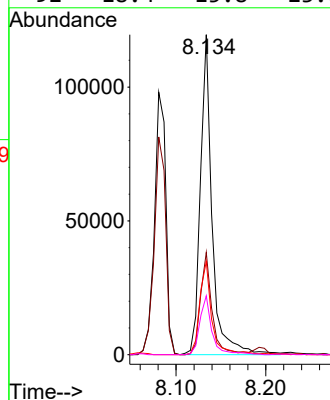
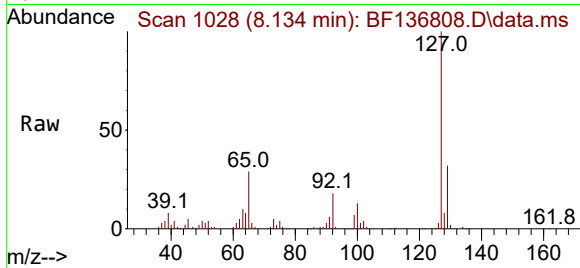




#33
4-Chloroaniline
Concen: 17.369 ng
RT: 8.134 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

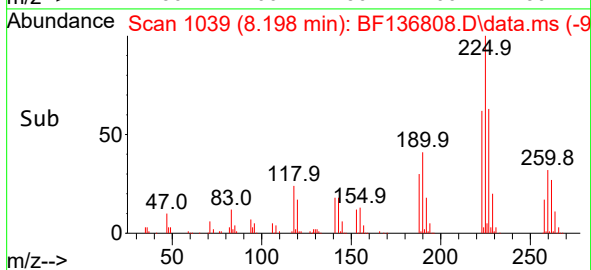
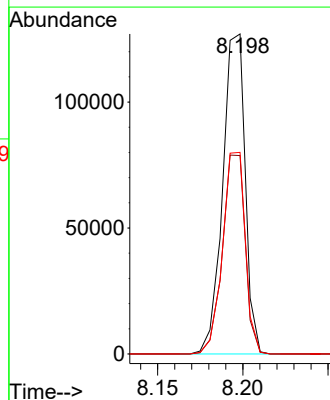
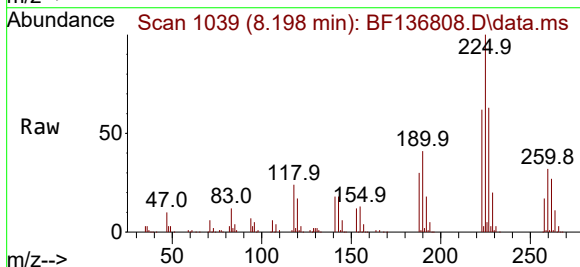
Instrument :
BNA_F
ClientSampleId :
72-12000MSD

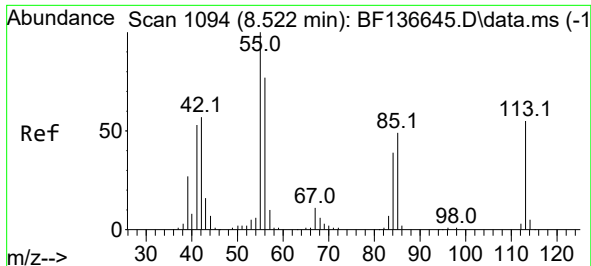
Tgt Ion:	127	Resp:	108658
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.3	39.5
65	29.1	25.8	38.8
92	18.4	15.8	23.6



#34
Hexachlorobutadiene
Concen: 38.131 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

Tgt Ion:	225	Resp:	116864
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	76.0
227	63.0	51.9	77.9

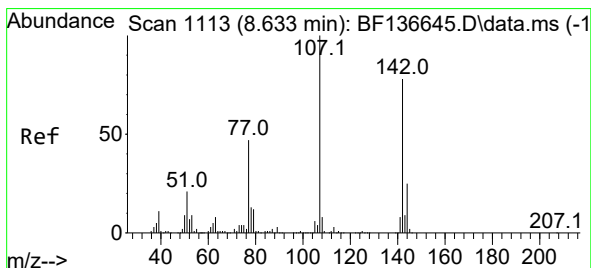
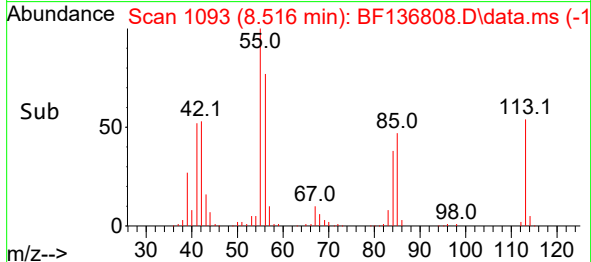
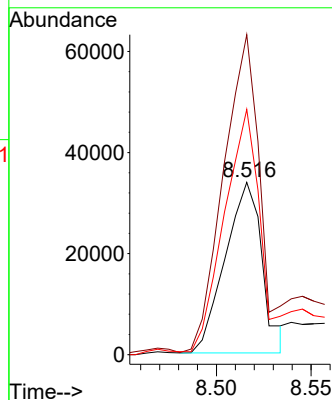
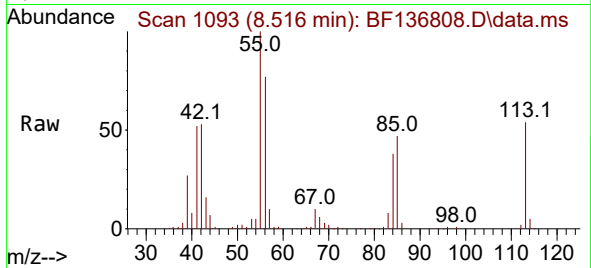




#35
 Caprolactam
 Concen: 30.573 ng
 RT: 8.516 min Scan# 1093
 Delta R.T. -0.006 min
 Lab File: BF136808.D
 Acq: 28 Dec 2023 22:54

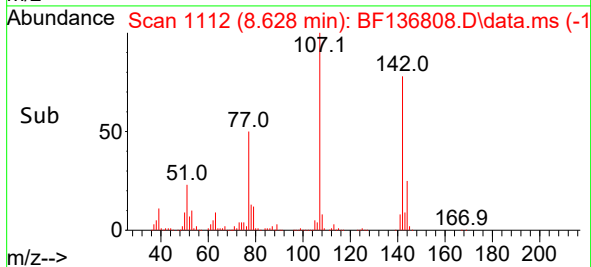
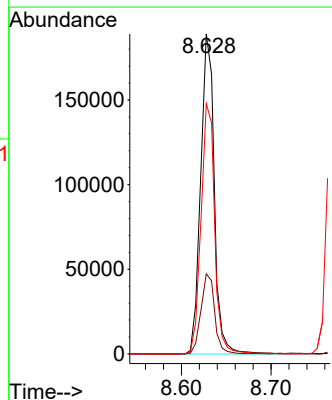
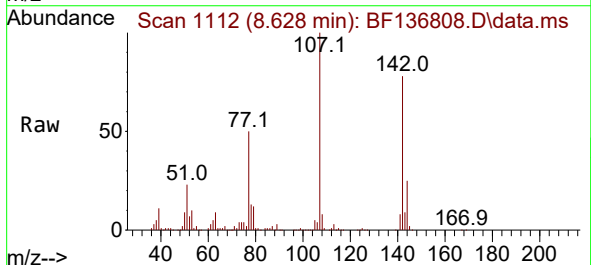
Instrument :
 BNA_F
 ClientSampleId :
 72-12000MSD

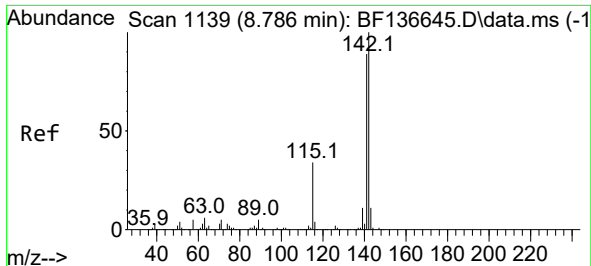
Tgt Ion:113 Resp: 45663
 Ion Ratio Lower Upper
 113 100
 55 185.7 163.1 203.1
 56 142.3 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.117 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF136808.D
 Acq: 28 Dec 2023 22:54

Tgt Ion:107 Resp: 199375
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.2 30.2
 142 78.2 62.3 93.5

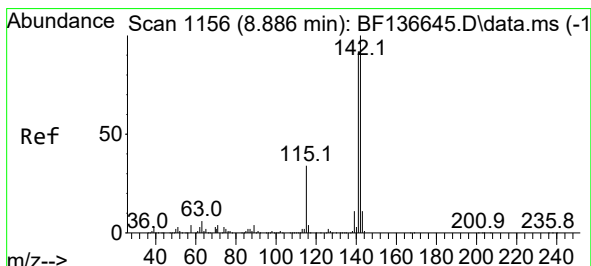
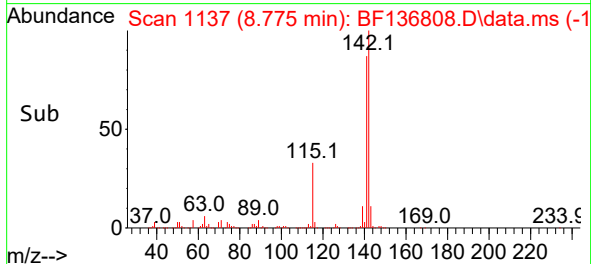
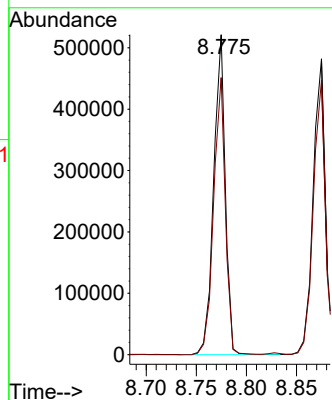
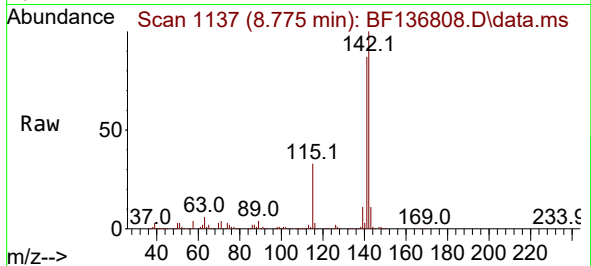




#37
2-Methylnaphthalene
Concen: 38.570 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

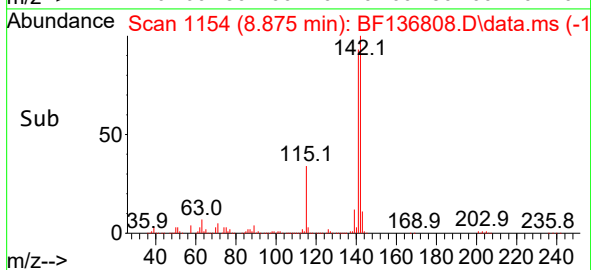
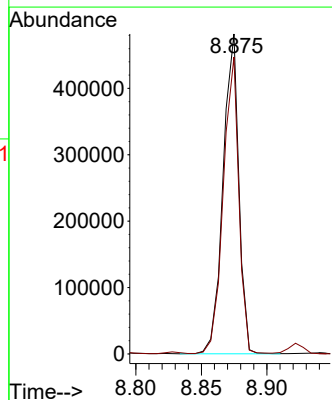
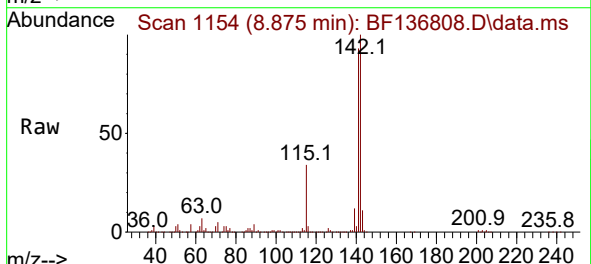
Instrument :
BNA_F
ClientSampleId :
72-12000MSD

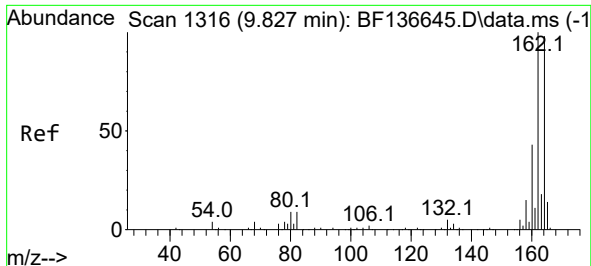
Tgt Ion:142 Resp: 420566
Ion Ratio Lower Upper
142 100
141 86.6 71.1 106.7



#38
1-Methylnaphthalene
Concen: 37.534 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

Tgt Ion:142 Resp: 401536
Ion Ratio Lower Upper
142 100
141 92.8 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-12000MSD

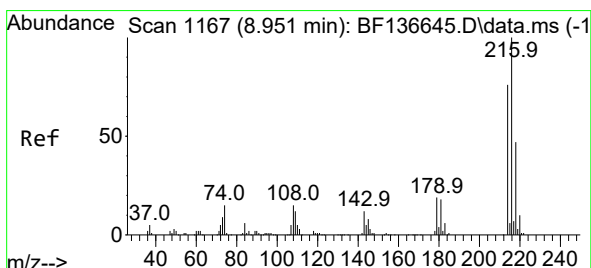
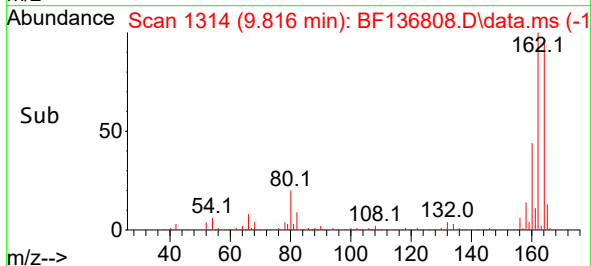
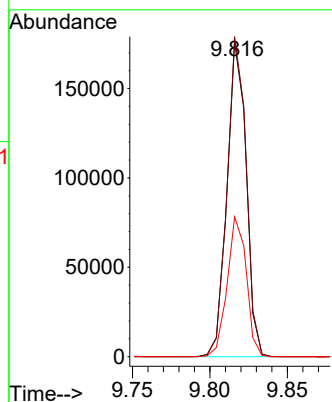
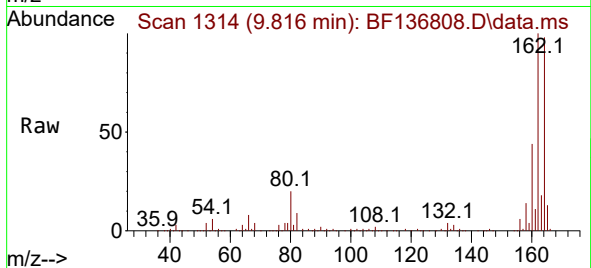
Tgt Ion:164 Resp: 151602

Ion Ratio Lower Upper

164 100

162 101.7 81.6 122.4

160 44.5 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.651 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

Tgt Ion:216 Resp: 204942

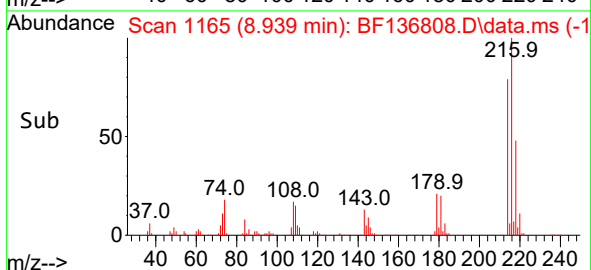
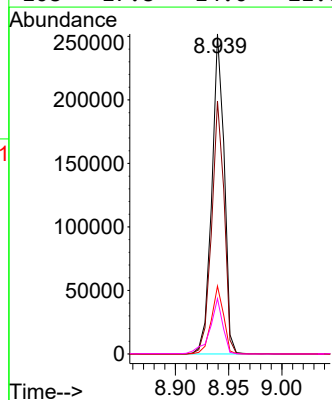
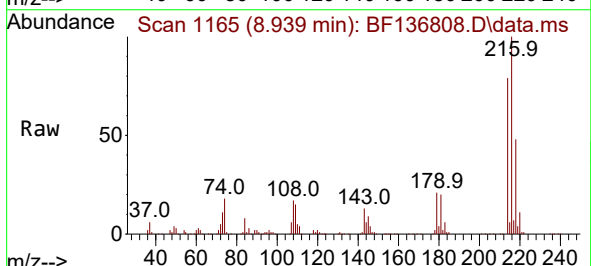
Ion Ratio Lower Upper

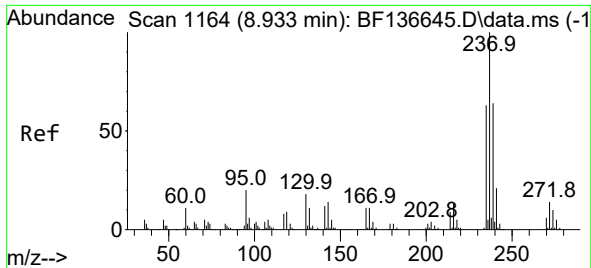
216 100

214 79.2 62.3 93.5

179 20.8 16.4 24.6

108 17.8 14.0 21.0

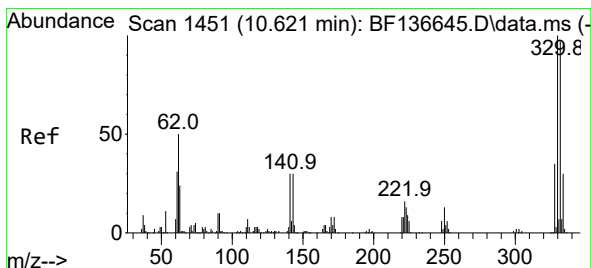
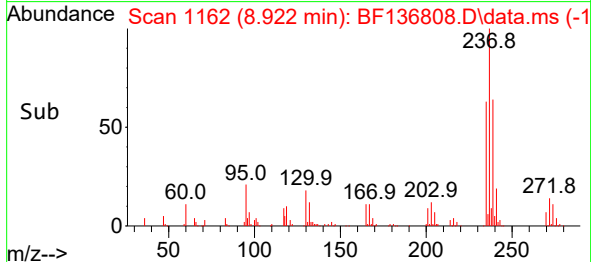
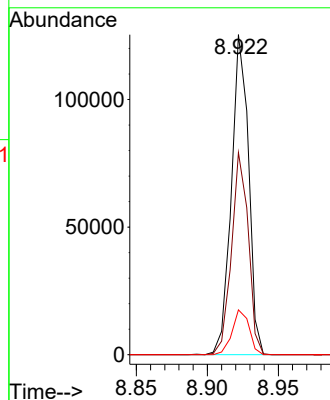
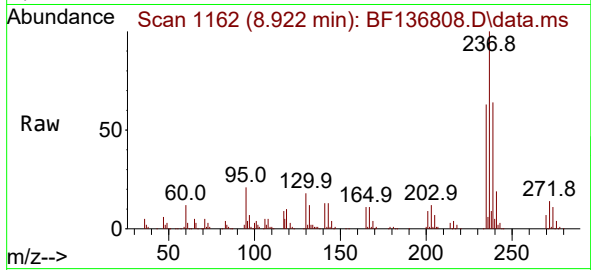




#41
Hexachlorocyclopentadiene
Concen: 70.993 ng
RT: 8.922 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

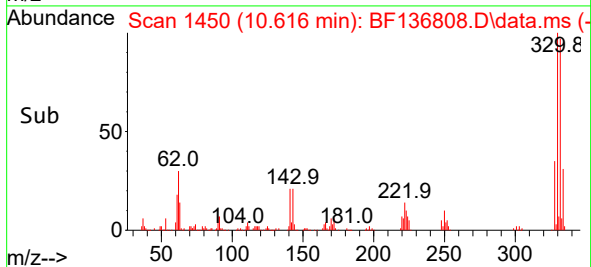
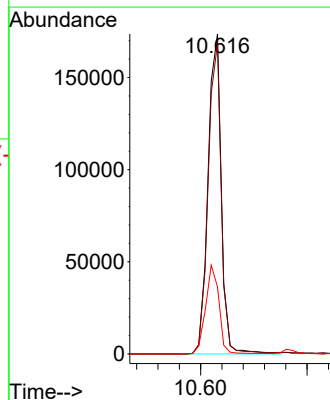
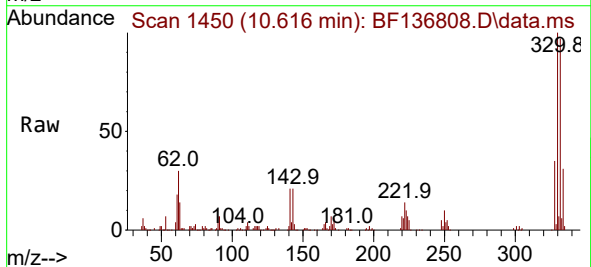
Instrument :
BNA_F
ClientSampleId :
72-12000MSD

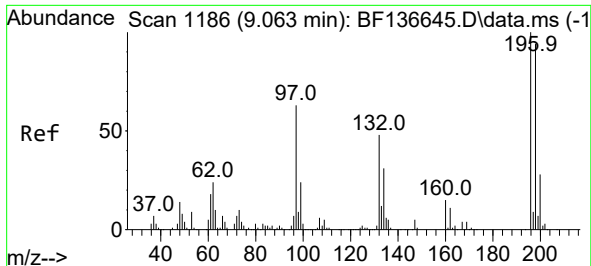
Tgt Ion:237 Resp: 105396
Ion Ratio Lower Upper
237 100
235 63.2 43.2 83.2
272 14.0 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 84.430 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

Tgt Ion:330 Resp: 150745
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.0
141 28.1 23.4 35.2

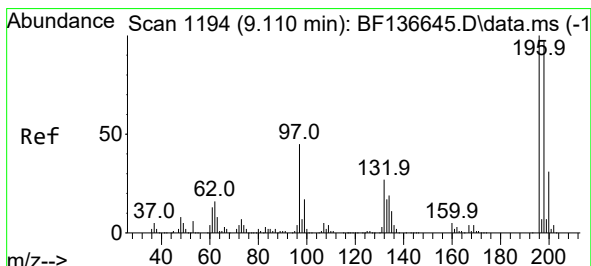
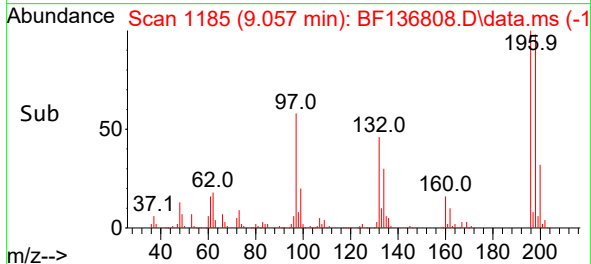
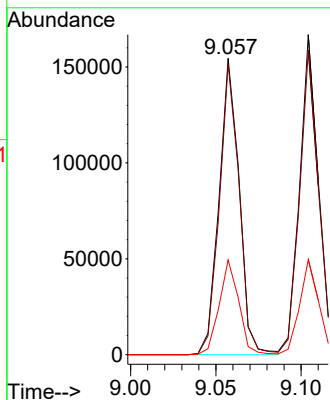
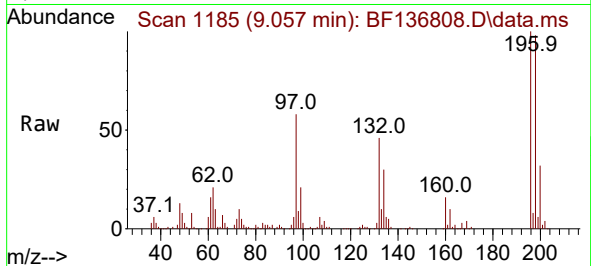




#43
 2,4,6-Trichlorophenol
 Concen: 42.227 ng
 RT: 9.057 min Scan# 1185
 Delta R.T. -0.006 min
 Lab File: BF136808.D
 Acq: 28 Dec 2023 22:54

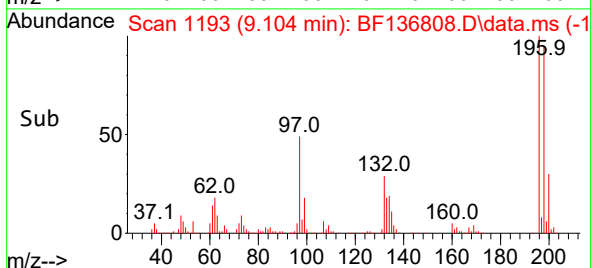
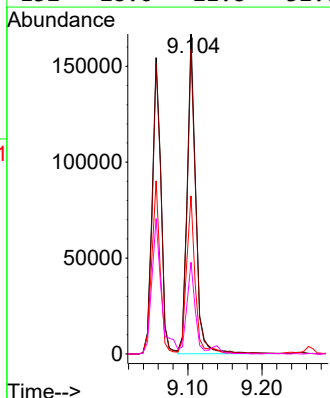
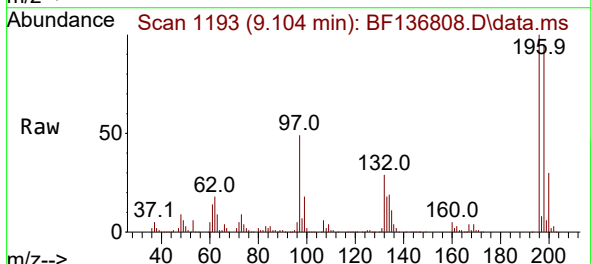
Instrument :
 BNA_F
 ClientSampleId :
 72-12000MSD

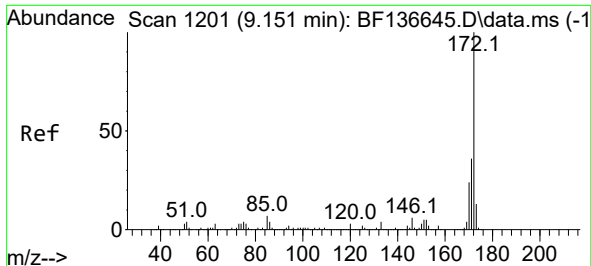
Tgt Ion:196 Resp: 127146
 Ion Ratio Lower Upper
 196 100
 198 98.1 75.1 112.7
 200 32.0 22.5 33.7



#44
 2,4,5-Trichlorophenol
 Concen: 40.410 ng
 RT: 9.104 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: BF136808.D
 Acq: 28 Dec 2023 22:54

Tgt Ion:196 Resp: 135590
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.0 115.6
 97 49.4 36.1 54.1
 132 28.6 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 65.635 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-12000MSD

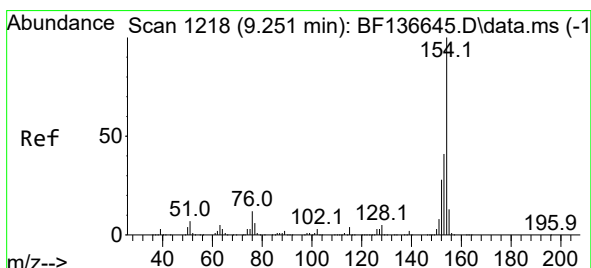
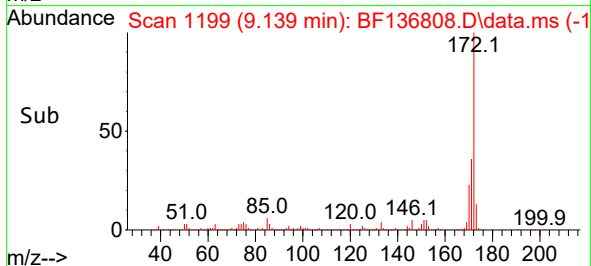
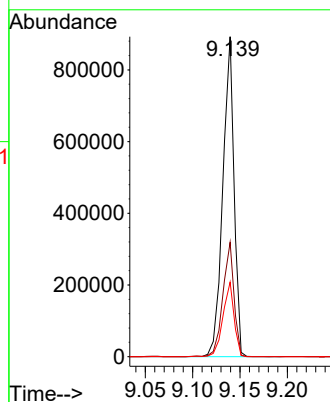
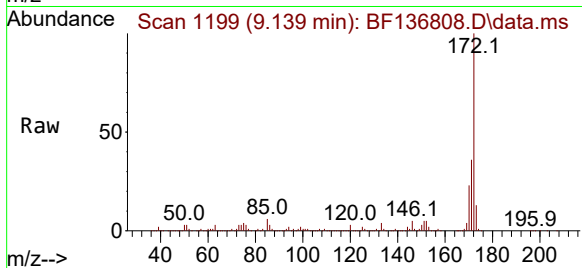
Tgt Ion:172 Resp: 739816

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

170 23.3 19.0 28.4



#46

1,1'-Biphenyl

Concen: 43.115 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

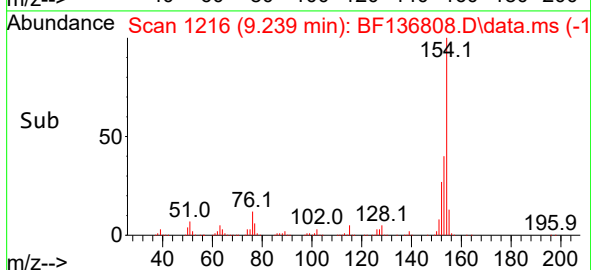
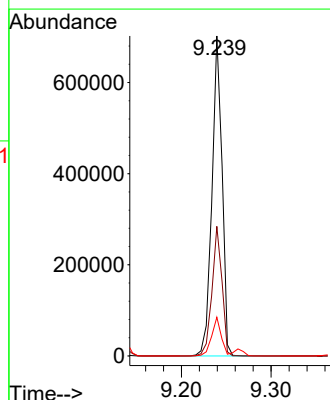
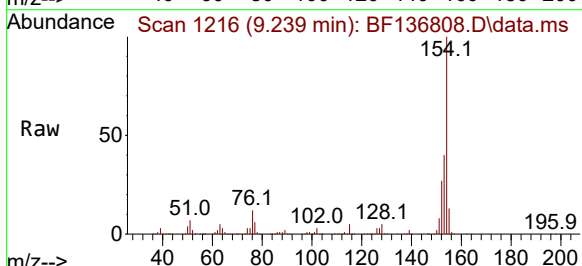
Tgt Ion:154 Resp: 548492

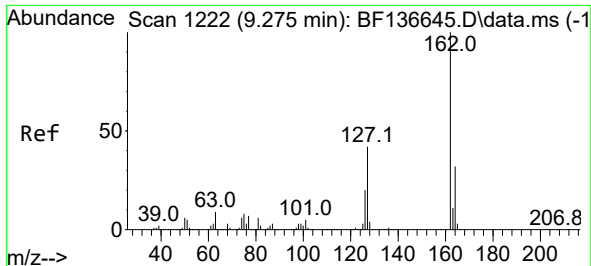
Ion Ratio Lower Upper

154 100

153 40.5 21.1 61.1

76 12.1 0.0 31.7

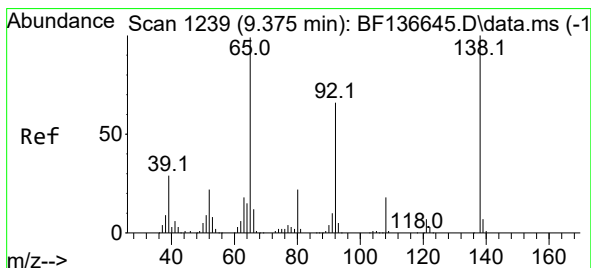
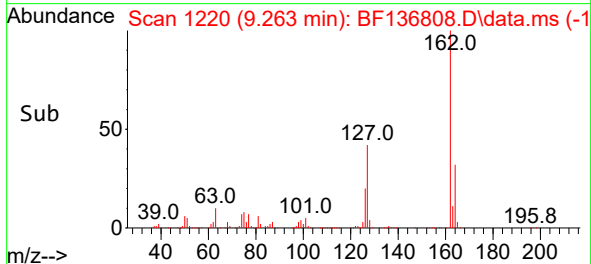
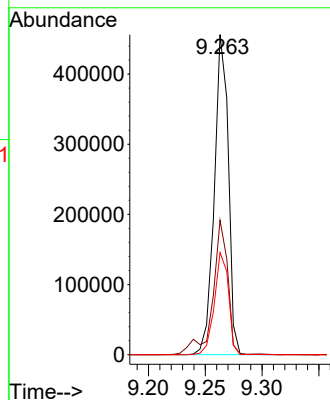
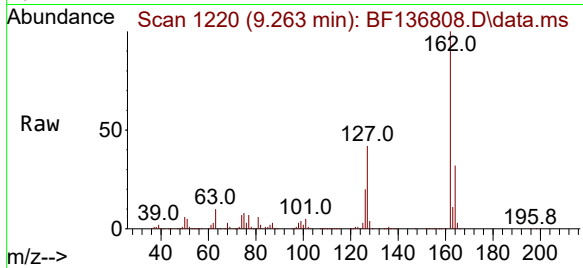




#47
2-Chloronaphthalene
Concen: 40.555 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

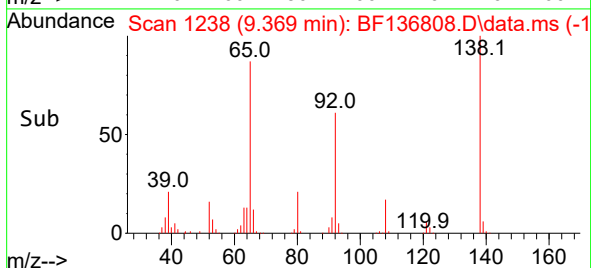
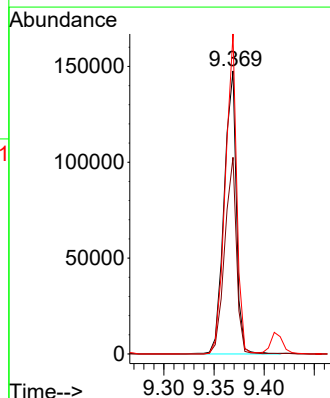
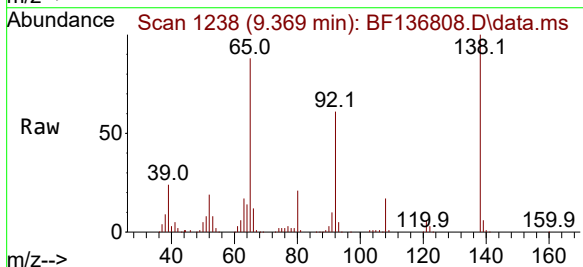
Instrument :
BNA_F
ClientSampleId :
72-12000MSD

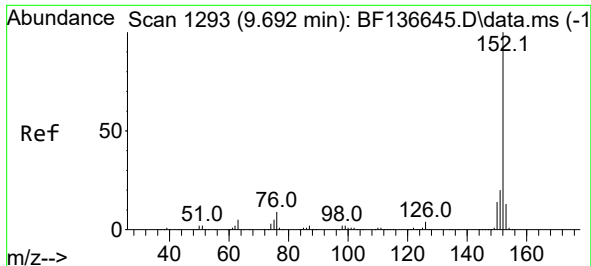
Tgt Ion:162 Resp: 392217
Ion Ratio Lower Upper
162 100
127 42.0 33.6 50.4
164 31.9 25.7 38.5



#48
2-Nitroaniline
Concen: 41.352 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

Tgt Ion: 65 Resp: 125235
Ion Ratio Lower Upper
65 100
92 69.5 53.2 79.8
138 113.0 81.1 121.7





#49

Acenaphthylene

Concen: 43.333 ng

RT: 9.681 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136808.D

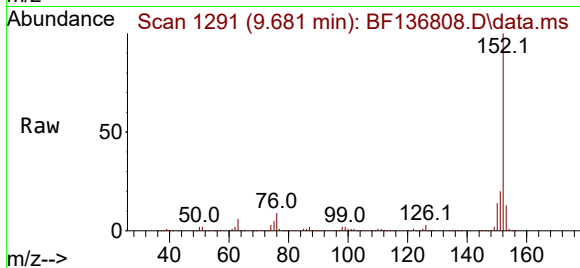
Acq: 28 Dec 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-12000MSD



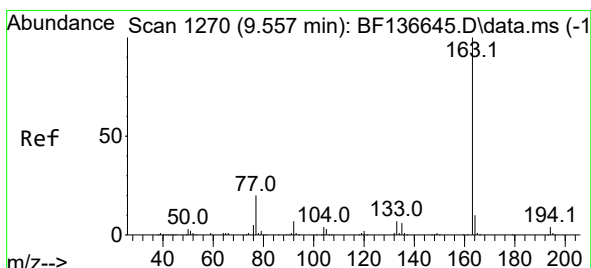
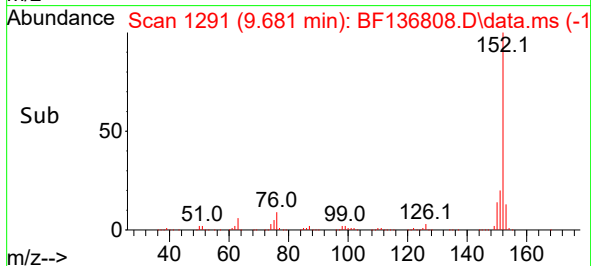
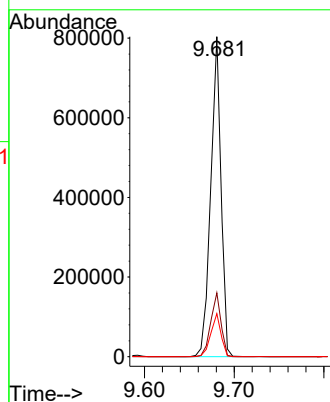
Tgt Ion:152 Resp: 640572

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

153 13.4 10.2 15.2



#50

Dimethylphthalate

Concen: 41.542 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

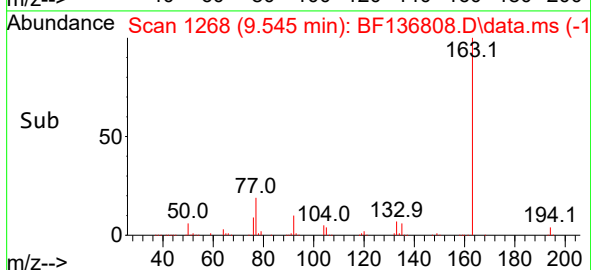
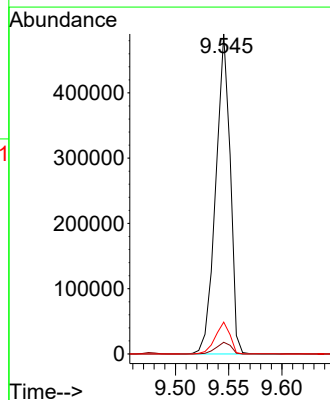
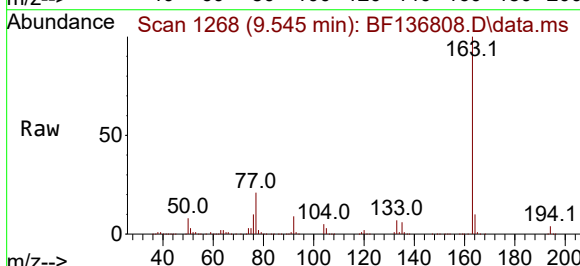
Tgt Ion:163 Resp: 460014

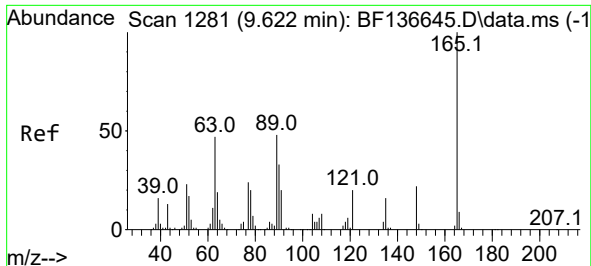
Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

164 9.9 7.8 11.6

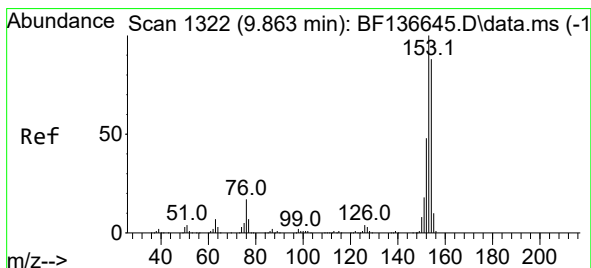
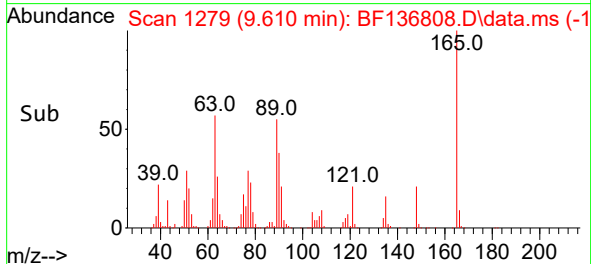
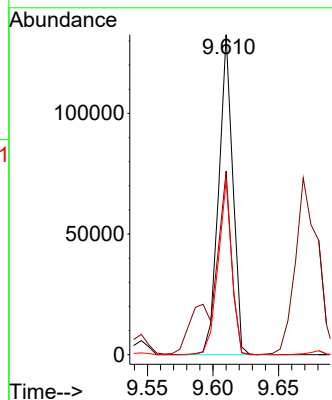
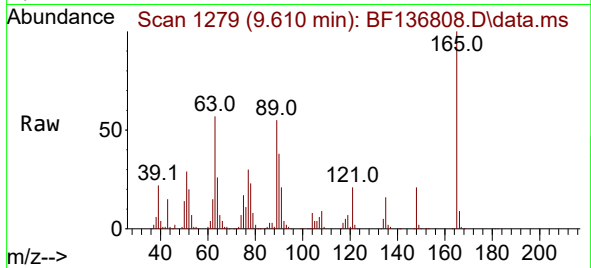




#51
2,6-Dinitrotoluene
Concen: 39.431 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

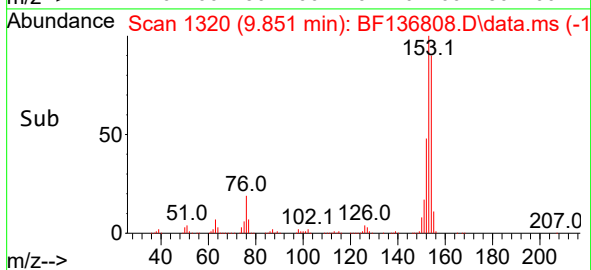
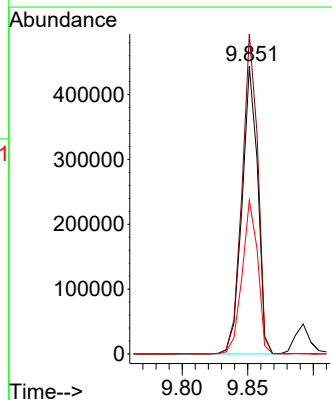
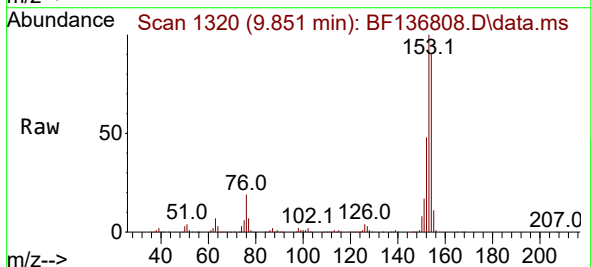
Instrument :
BNA_F
ClientSampleId :
72-12000MSD

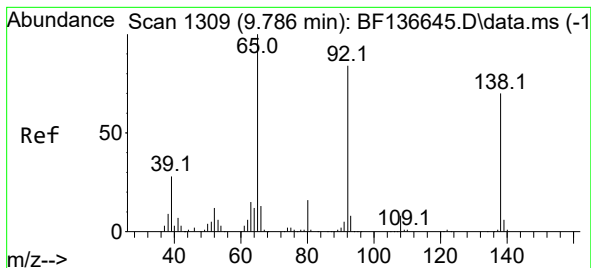
Tgt Ion:165 Resp: 99095
Ion Ratio Lower Upper
165 100
63 57.3 39.8 59.6
89 54.5 38.8 58.2



#52
Acenaphthene
Concen: 40.299 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

Tgt Ion:154 Resp: 369275
Ion Ratio Lower Upper
154 100
153 111.3 90.7 136.1
152 53.5 43.7 65.5





#53

3-Nitroaniline

Concen: 30.303 ng

RT: 9.781 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-12000MSD

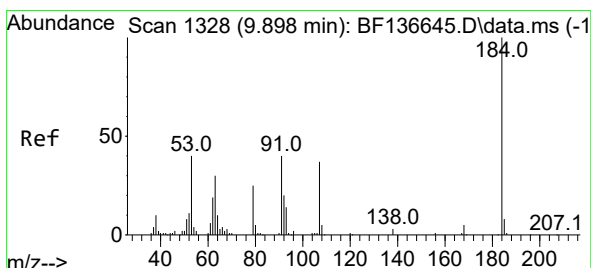
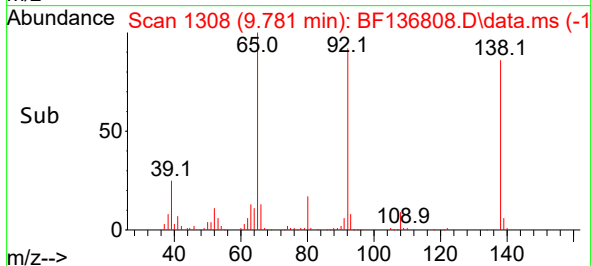
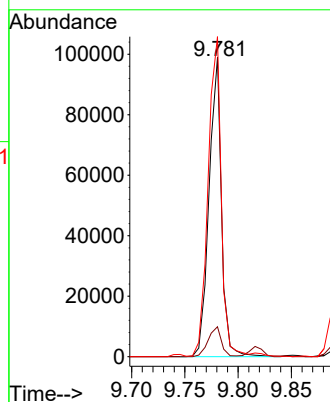
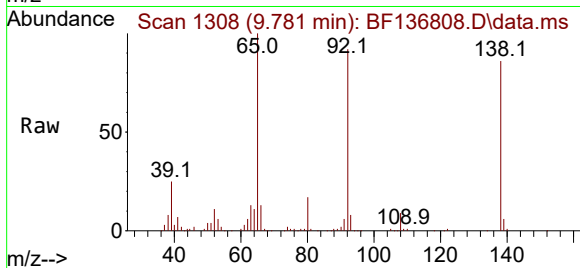
Tgt Ion:138 Resp: 80672

Ion Ratio Lower Upper

138 100

108 10.0 8.6 12.8

92 107.0 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 49.903 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

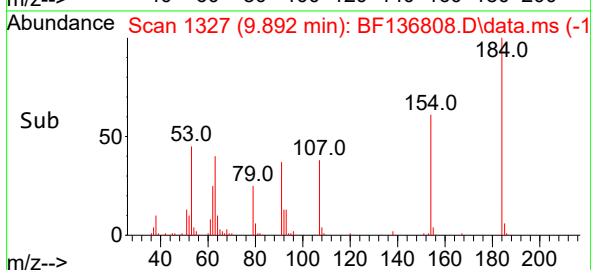
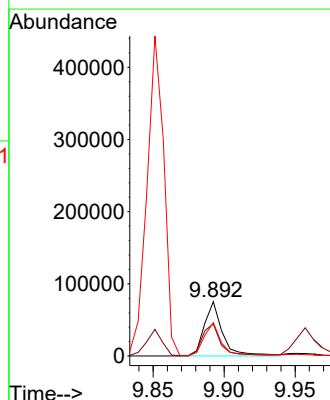
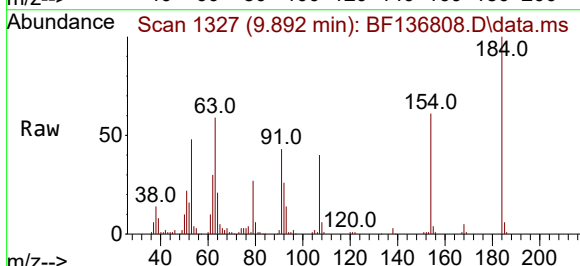
Tgt Ion:184 Resp: 67453

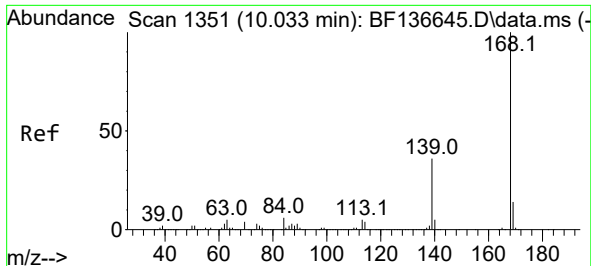
Ion Ratio Lower Upper

184 100

63 58.9 40.9 61.3

154 61.2 42.7 64.1

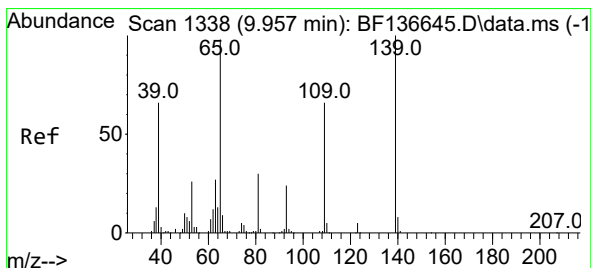
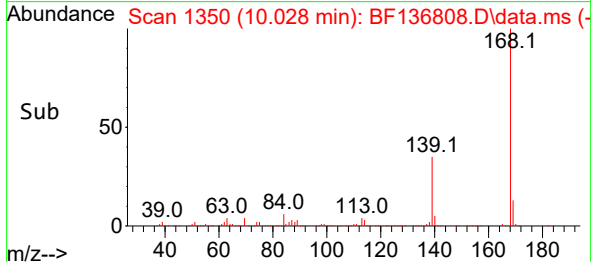
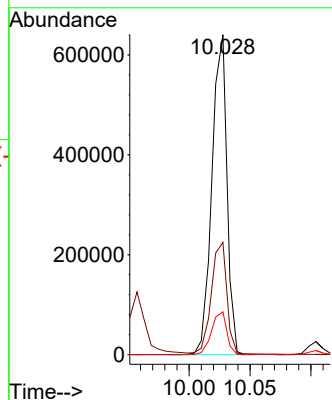
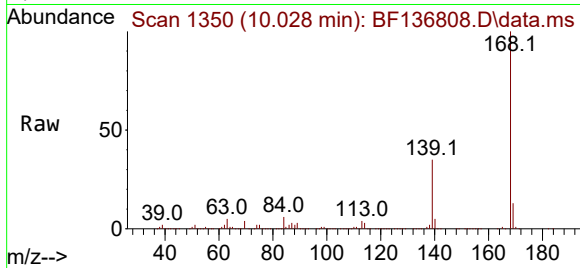




#55
Dibenzenofuran
Concen: 39.617 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

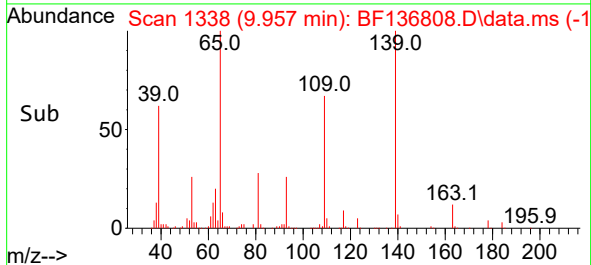
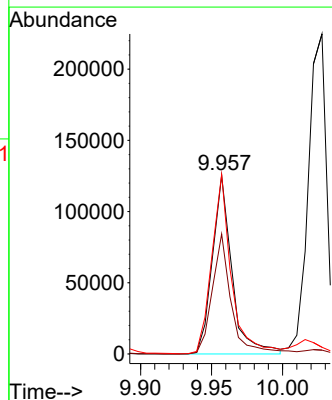
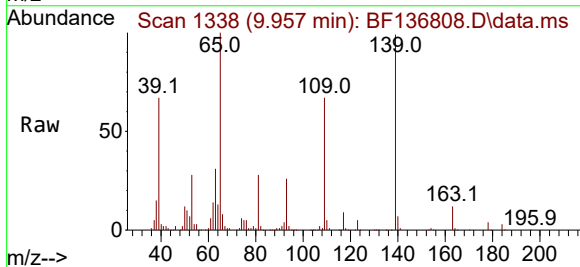
Instrument :
BNA_F
ClientSampleId :
72-12000MSD

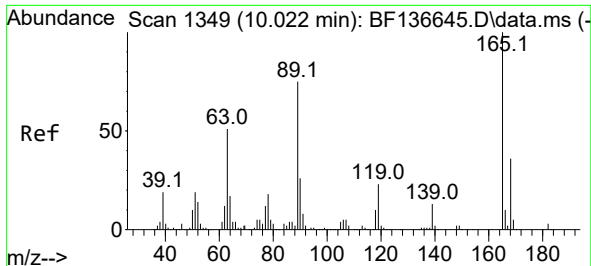
Tgt Ion:168 Resp: 550287
Ion Ratio Lower Upper
168 100
139 35.1 29.3 43.9
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 67.109 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

Tgt Ion:139 Resp: 120604
Ion Ratio Lower Upper
139 100
109 67.2 45.8 85.8
65 100.6 77.8 117.8

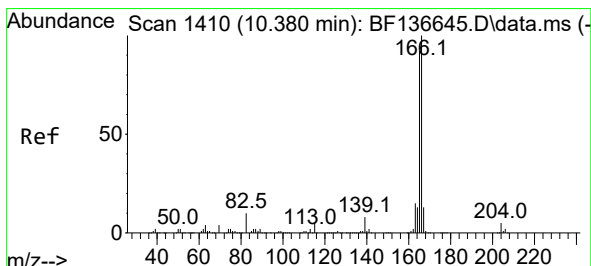
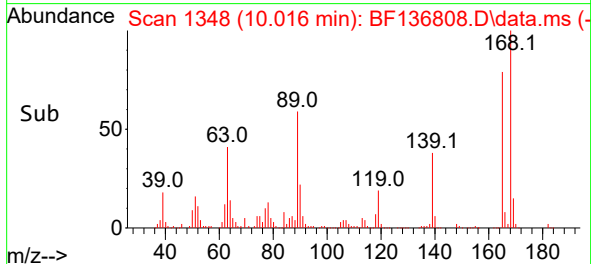
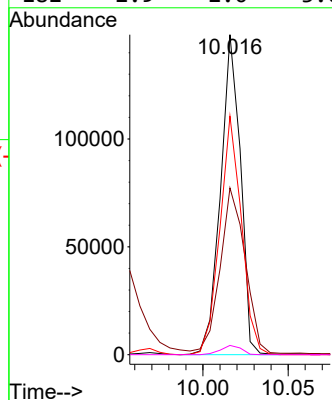
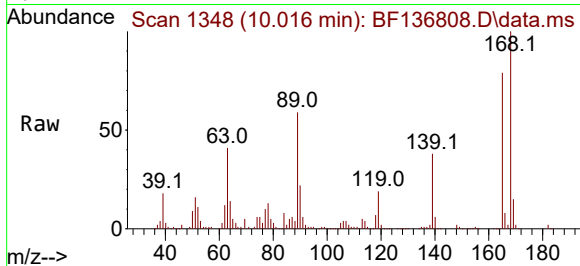




#57
2,4-Dinitrotoluene
Concen: 36.977 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

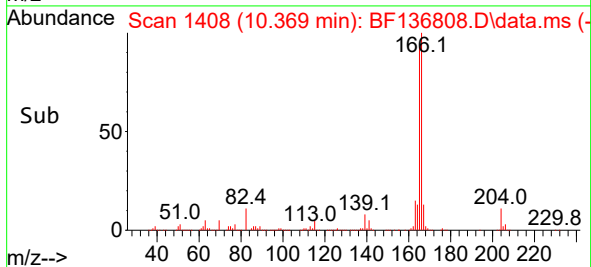
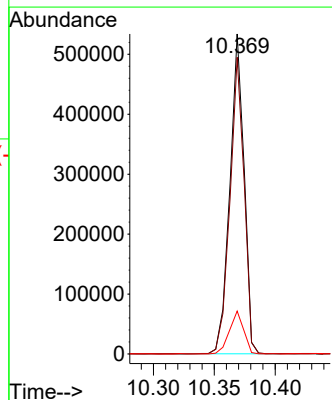
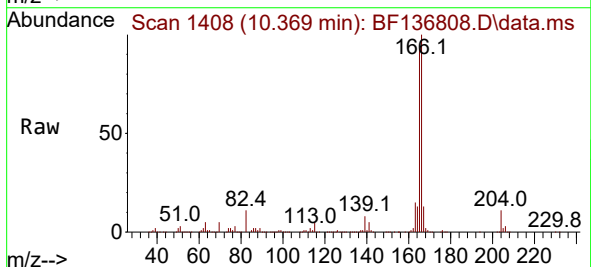
Instrument :
BNA_F
ClientSampleId :
72-12000MSD

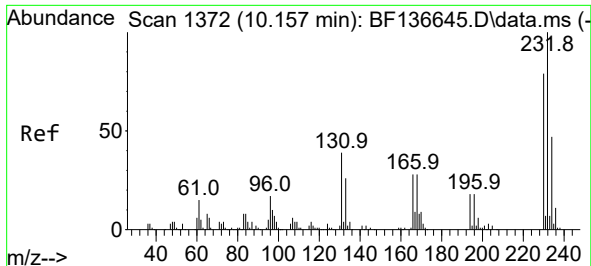
Tgt Ion:165 Resp: 120637
Ion Ratio Lower Upper
165 100
63 52.1 41.0 61.6
89 74.6 59.9 89.9
182 2.9 2.0 3.0



#58
Fluorene
Concen: 39.309 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

Tgt Ion:166 Resp: 433246
Ion Ratio Lower Upper
166 100
165 92.7 73.7 110.5
167 13.4 10.4 15.6

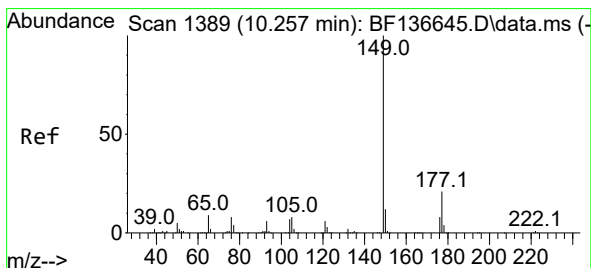
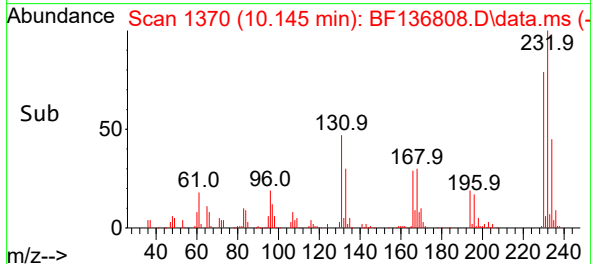
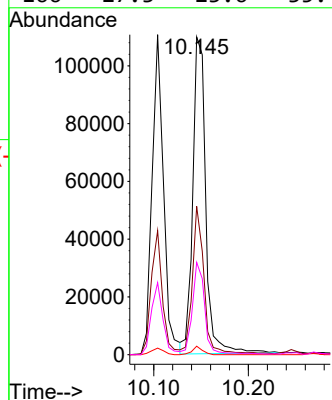
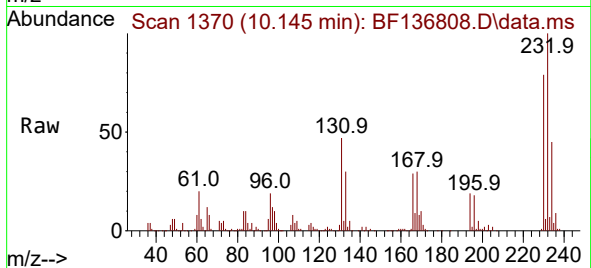




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.647 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

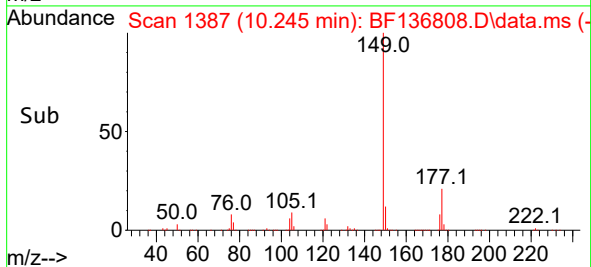
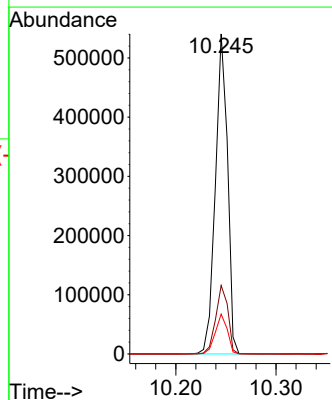
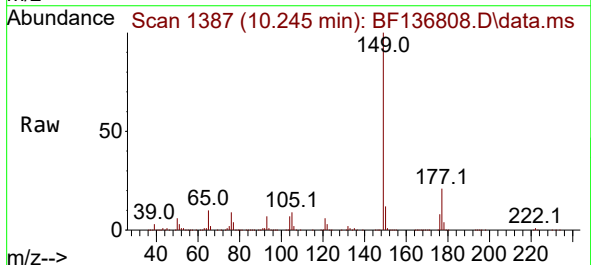
Instrument :
BNA_F
ClientSampleId :
72-12000MSD

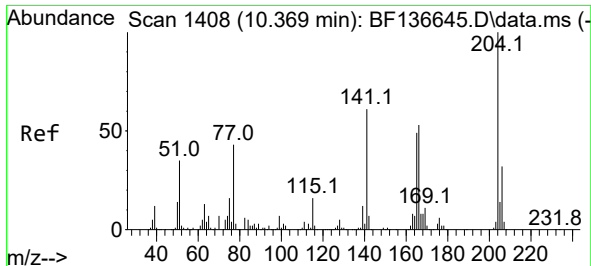
Tgt Ion:232 Resp: 104986
Ion Ratio Lower Upper
232 100
131 41.6 35.1 52.7
130 2.1 1.6 2.4
166 27.3 23.6 35.4



#60
Diethylphthalate
Concen: 39.544 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

Tgt Ion:149 Resp: 454334
Ion Ratio Lower Upper
149 100
177 21.4 16.9 25.3
150 12.5 9.3 13.9

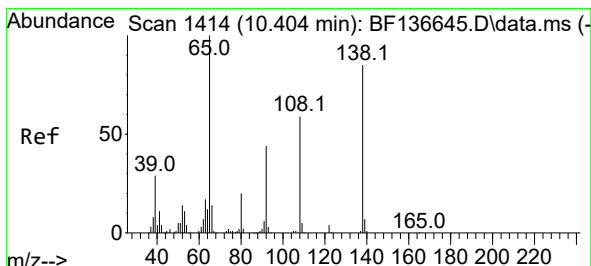
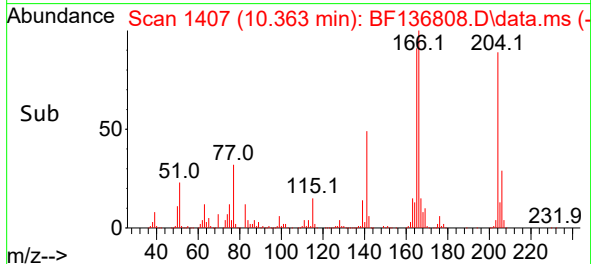
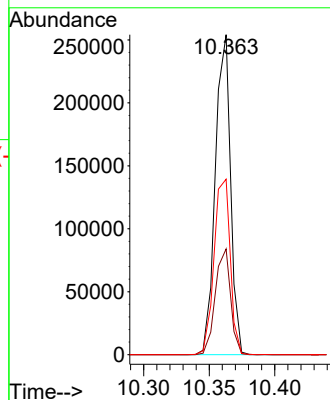
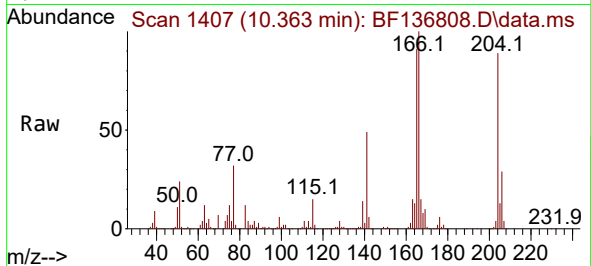




#61
4-Chlorophenyl-phenylether
Concen: 38.237 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

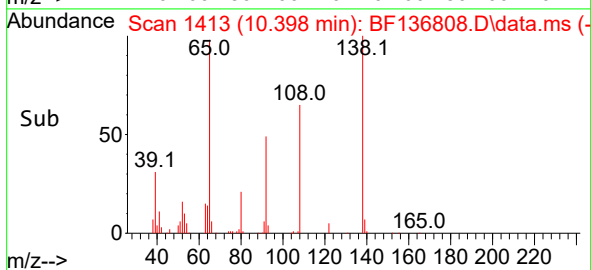
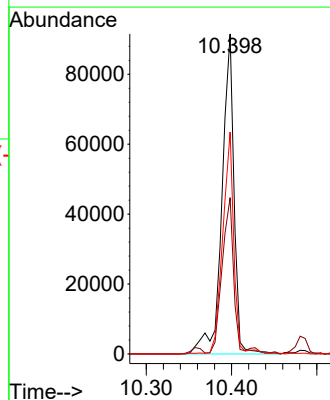
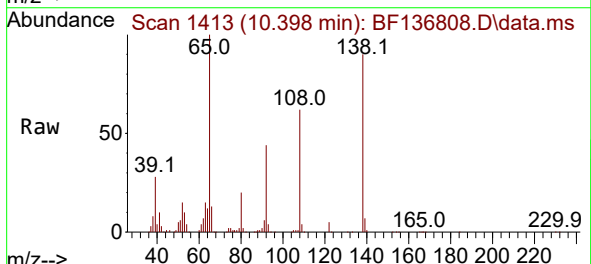
Instrument :
BNA_F
ClientSampleId :
72-12000MSD

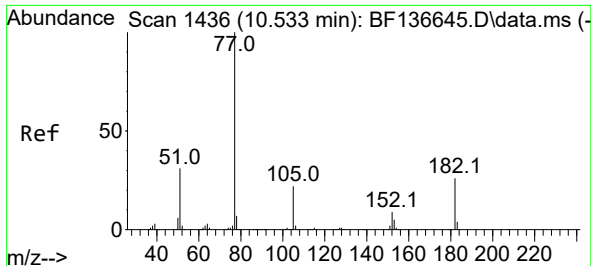
Tgt Ion:204 Resp: 204841
Ion Ratio Lower Upper
204 100
206 33.0 25.6 38.4
141 54.8 48.4 72.6



#62
4-Nitroaniline
Concen: 35.227 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

Tgt Ion:138 Resp: 90407
Ion Ratio Lower Upper
138 100
92 48.8 32.1 72.1
108 69.3 50.1 90.1

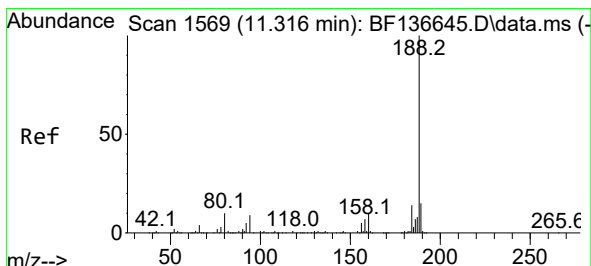
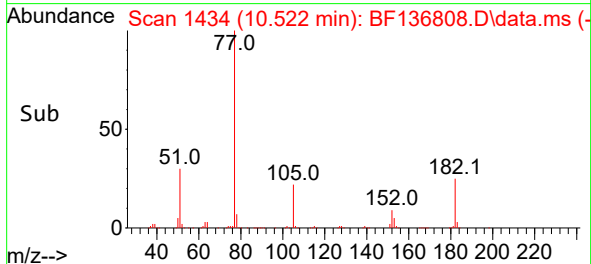
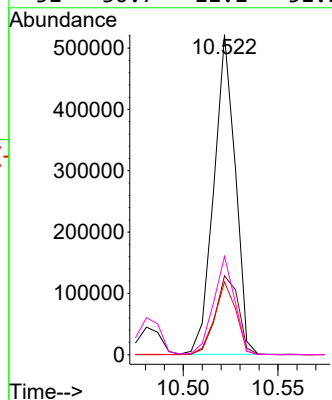
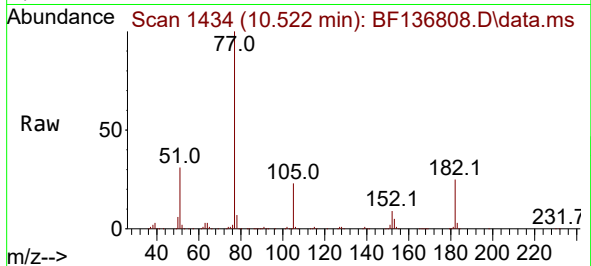




#63
Azobenzene
Concen: 38.242 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

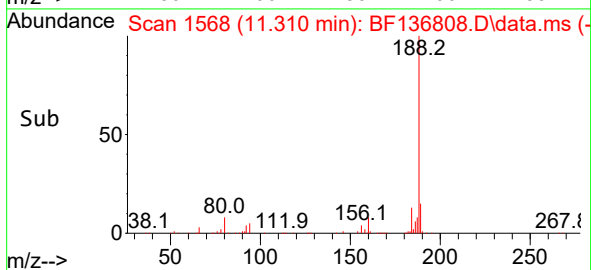
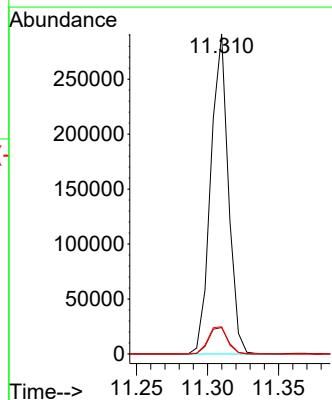
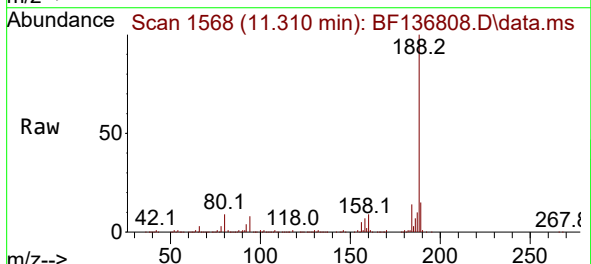
Instrument :
BNA_F
ClientSampleId :
72-12000MSD

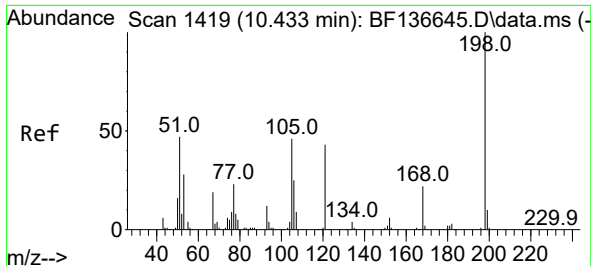
Tgt Ion: 77	Resp: 410381
Ion Ratio	Lower Upper
77 100	
182 24.7	6.0 46.0
105 22.7	2.3 42.3
51 30.7	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

Tgt Ion:188	Resp: 251276
Ion Ratio	Lower Upper
188 100	
94 8.3	7.5 11.3
80 8.5	8.1 12.1

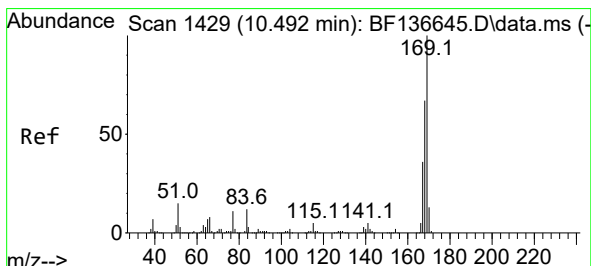
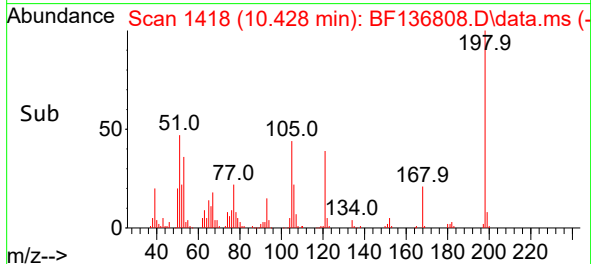
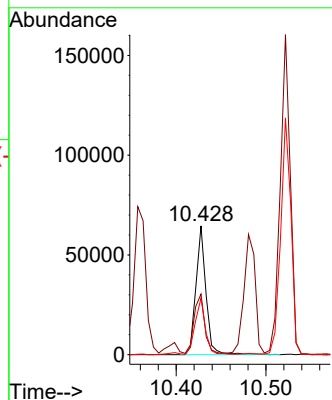
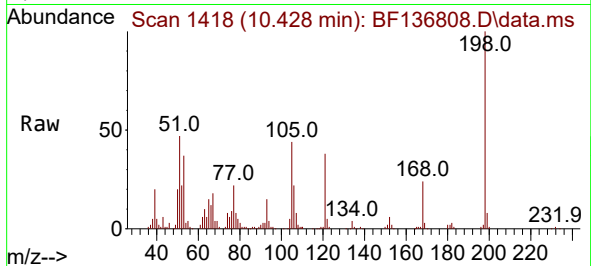




#65
4,6-Dinitro-2-methylphenol
Concen: 34.848 ng
RT: 10.428 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

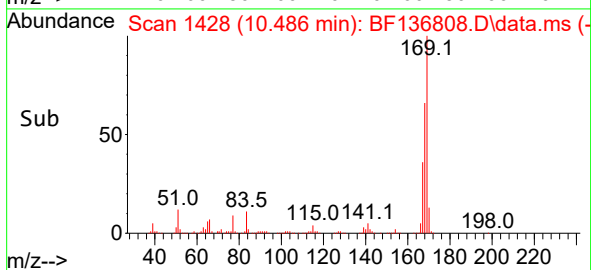
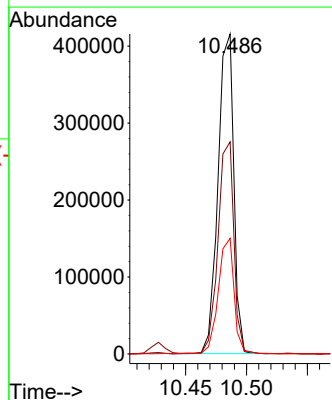
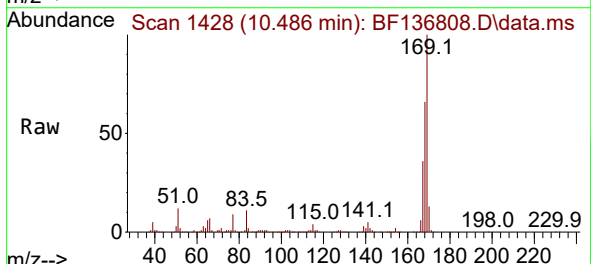
Instrument :
BNA_F
ClientSampleId :
72-12000MSD

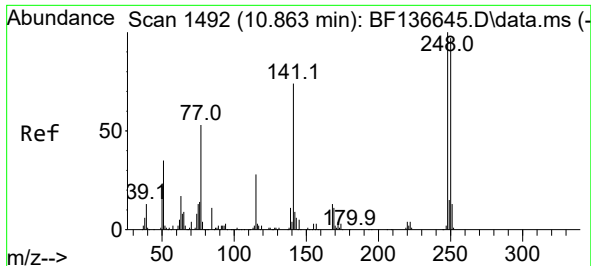
Tgt Ion:198 Resp: 50183
Ion Ratio Lower Upper
198 100
51 47.1 34.1 74.1
105 43.9 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 45.814 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

Tgt Ion:169 Resp: 373959
Ion Ratio Lower Upper
169 100
168 66.3 53.8 80.6
167 36.2 28.7 43.1

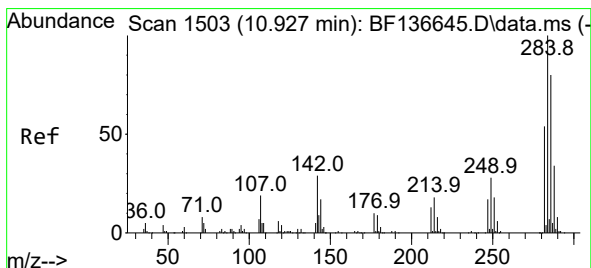
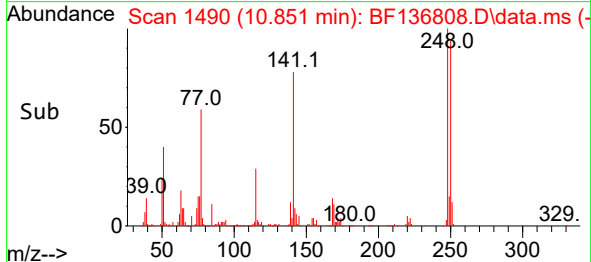
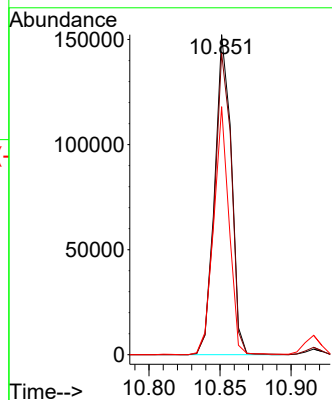
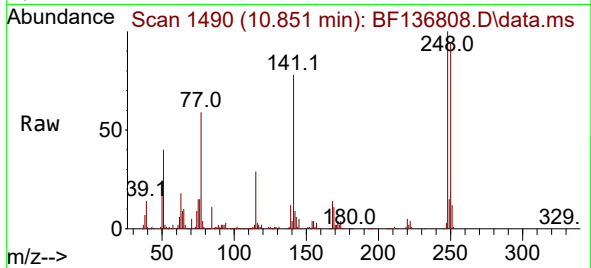




#67
4-Bromophenyl-phenylether
Concen: 44.489 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

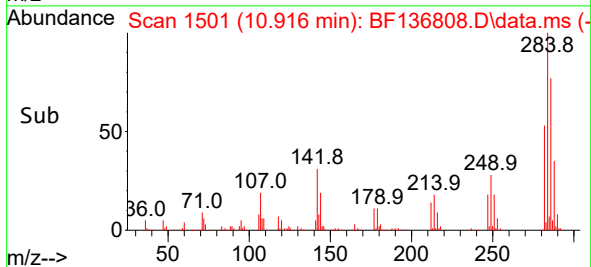
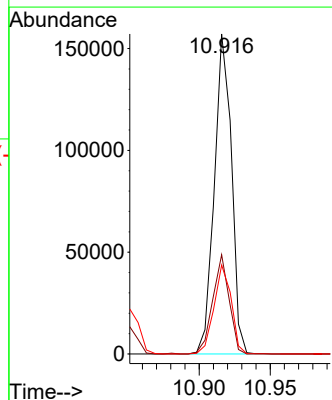
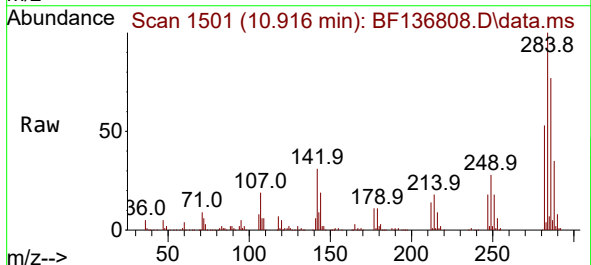
Instrument :
BNA_F
ClientSampleId :
72-12000MSD

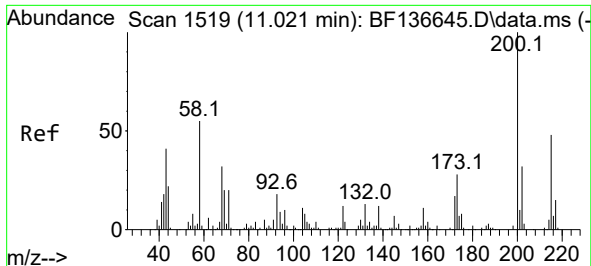
Tgt Ion:248 Resp: 124152
Ion Ratio Lower Upper
248 100
250 94.2 77.8 116.6
141 77.5 59.2 88.8



#68
Hexachlorobenzene
Concen: 42.268 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

Tgt Ion:284 Resp: 131447
Ion Ratio Lower Upper
284 100
142 31.0 23.4 35.0
249 27.8 22.3 33.5

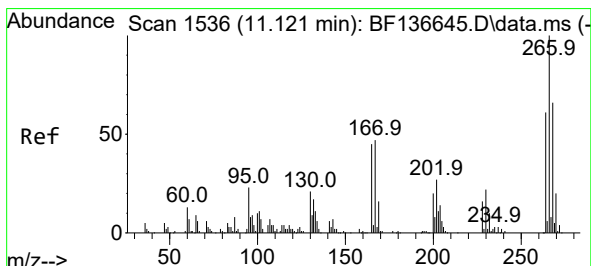
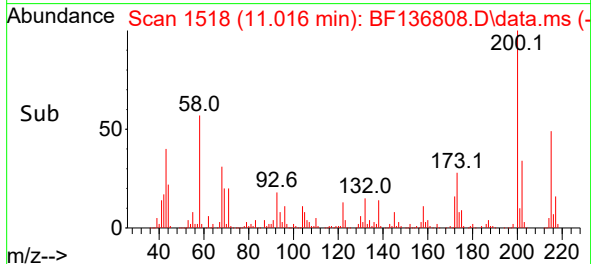
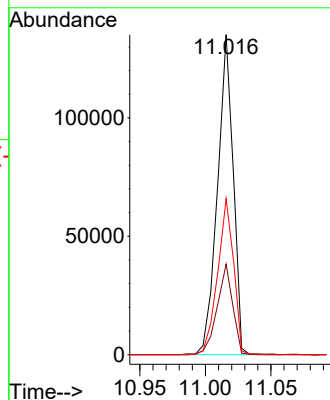
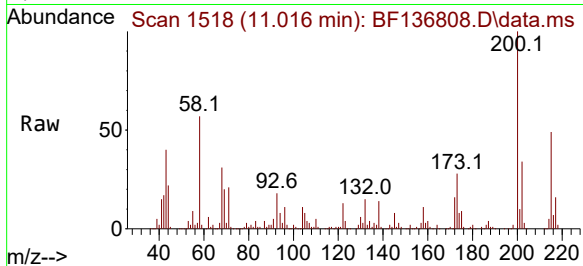




#69
 Atrazine
 Concen: 53.830 ng
 RT: 11.016 min Scan# 1518
 Delta R.T. -0.006 min
 Lab File: BF136808.D
 Acq: 28 Dec 2023 22:54

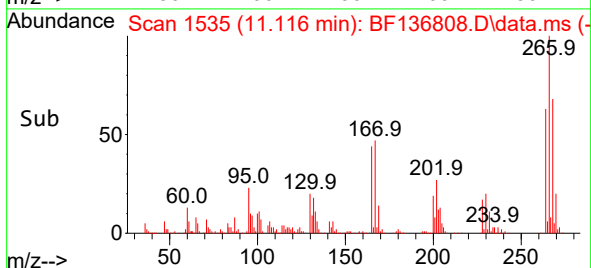
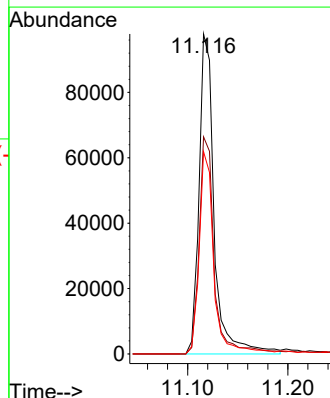
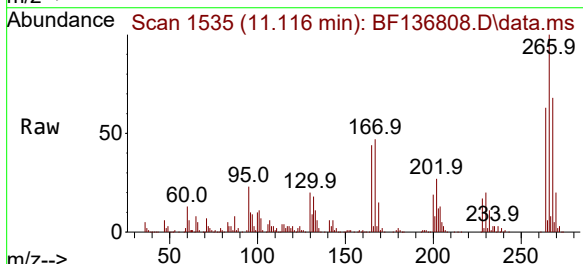
Instrument :
 BNA_F
 ClientSampleId :
 72-12000MSD

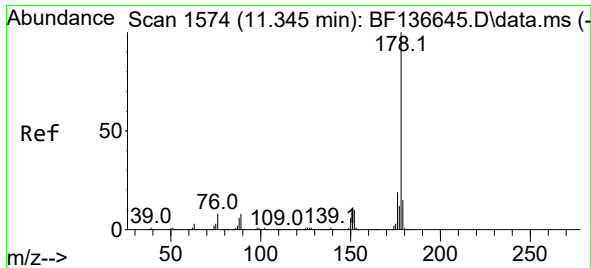
Tgt Ion:200 Resp: 112383
 Ion Ratio Lower Upper
 200 100
 173 28.3 7.6 47.6
 215 48.7 28.3 68.3



#70
 Pentachlorophenol
 Concen: 70.849 ng
 RT: 11.116 min Scan# 1535
 Delta R.T. -0.006 min
 Lab File: BF136808.D
 Acq: 28 Dec 2023 22:54

Tgt Ion:266 Resp: 102700
 Ion Ratio Lower Upper
 266 100
 268 67.9 52.6 78.8
 264 63.2 49.0 73.4

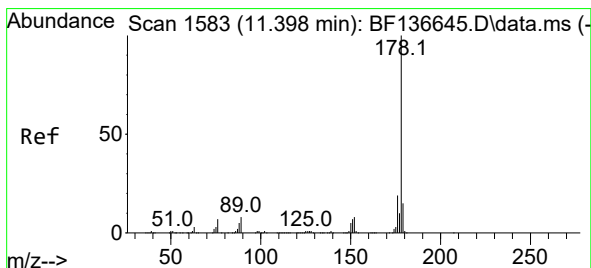
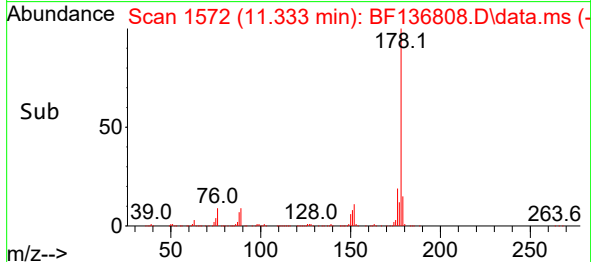
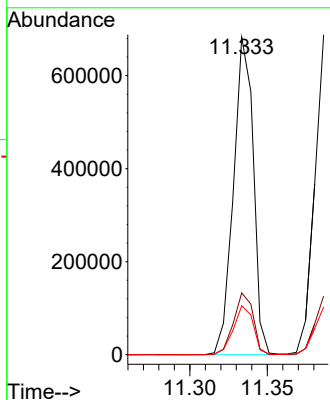
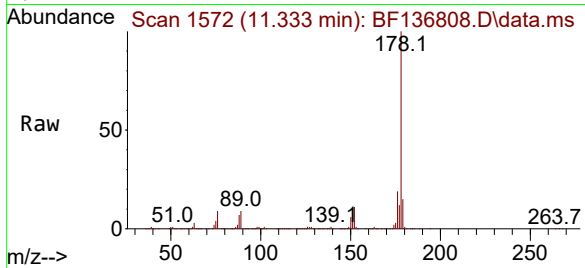




#71
Phenanthrene
Concen: 47.146 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

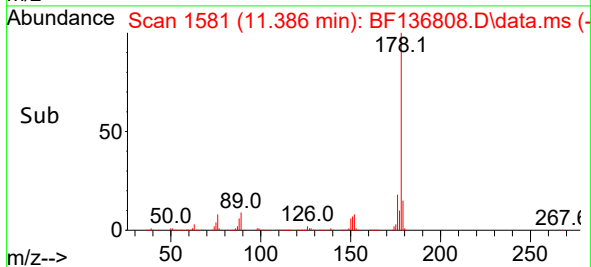
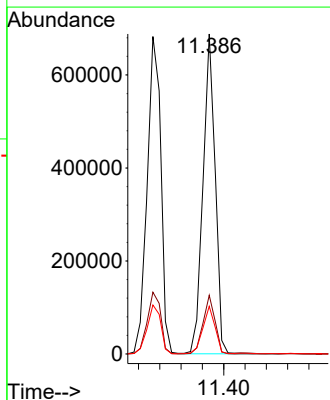
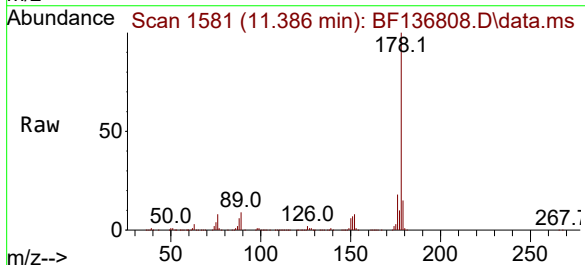
Instrument :
BNA_F
ClientSampleId :
72-12000MSD

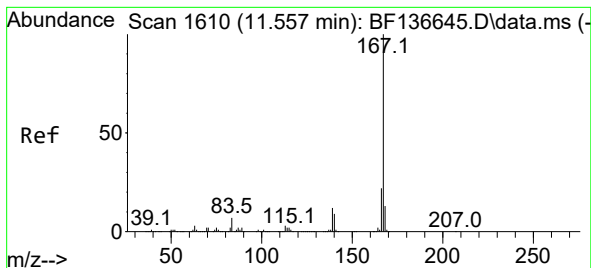
Tgt Ion:178 Resp: 607866
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.4 11.9 17.9



#72
Anthracene
Concen: 41.994 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

Tgt Ion:178 Resp: 548333
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 14.9 11.8 17.6





#73

Carbazole

Concen: 38.580 ng

RT: 11.545 min Scan# 1608

Delta R.T. -0.012 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-12000MSD

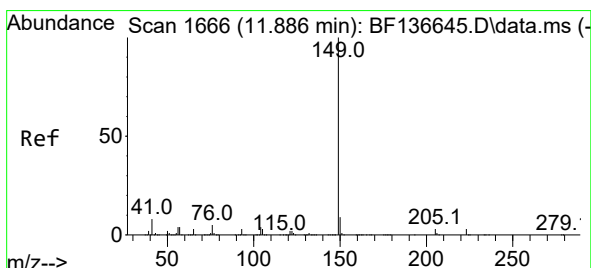
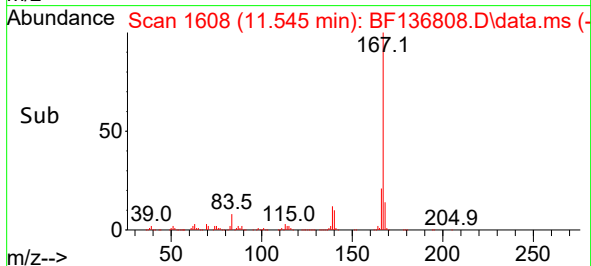
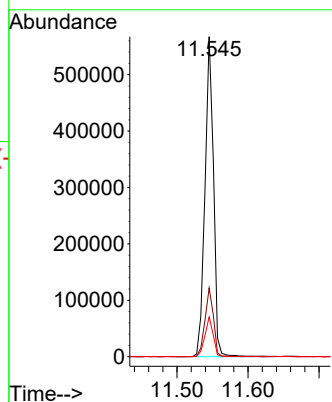
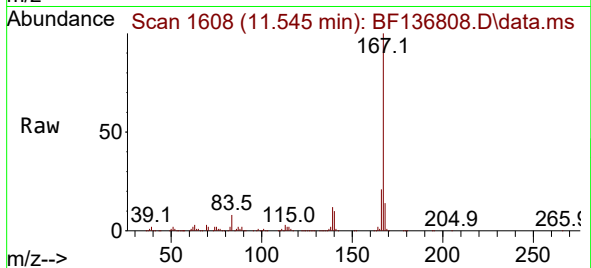
Tgt Ion:167 Resp: 474940

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

139 12.4 9.8 14.6



#74

Di-n-butylphthalate

Concen: 42.581 ng

RT: 11.875 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

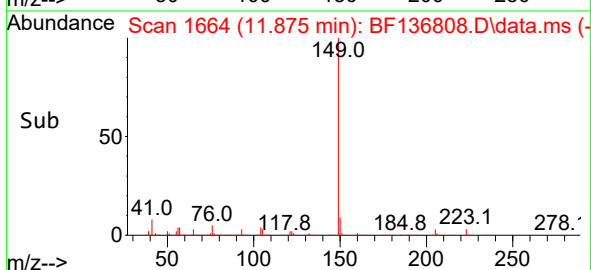
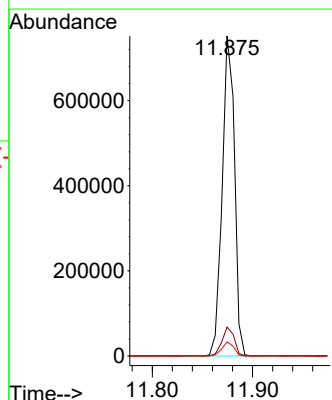
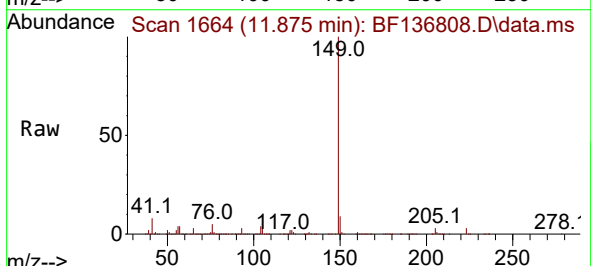
Tgt Ion:149 Resp: 639655

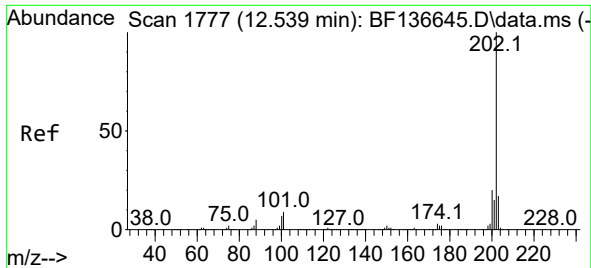
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 4.4 3.6 5.4

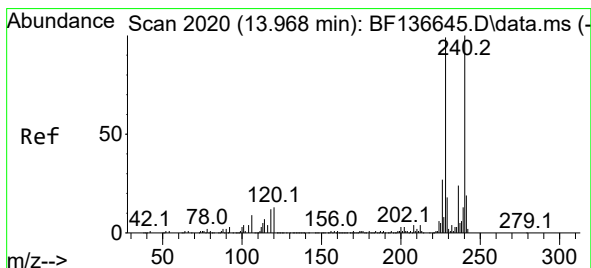
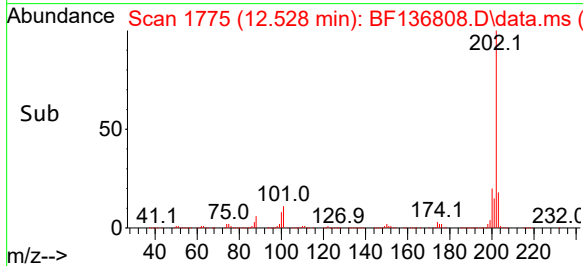
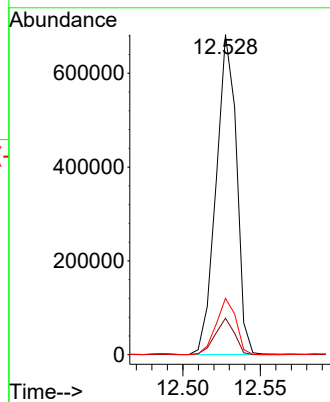
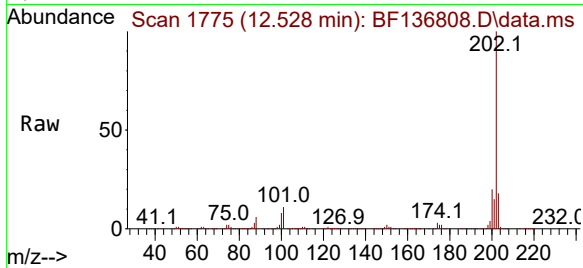




#75
Fluoranthene
Concen: 45.324 ng
RT: 12.528 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

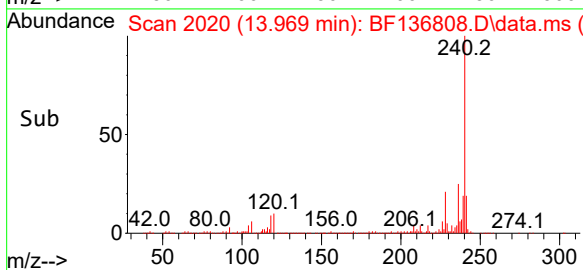
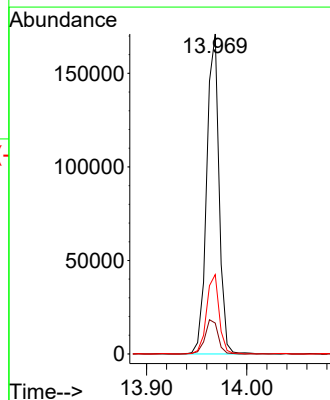
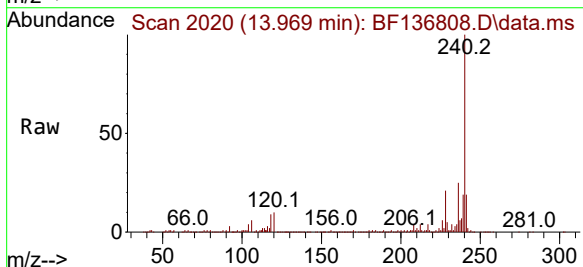
Instrument :
BNA_F
ClientSampleId :
72-12000MSD

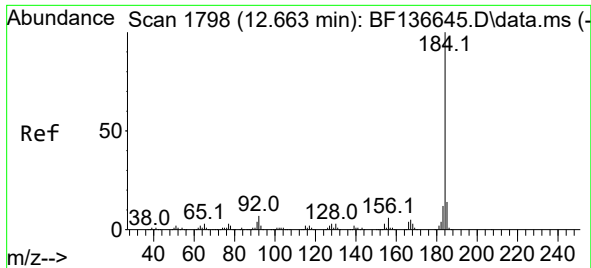
Tgt Ion:202 Resp: 625072
Ion Ratio Lower Upper
202 100
101 11.4 0.0 29.3
203 17.6 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

Tgt Ion:240 Resp: 147736
Ion Ratio Lower Upper
240 100
120 9.7 10.3 15.5#
236 24.8 19.4 29.2

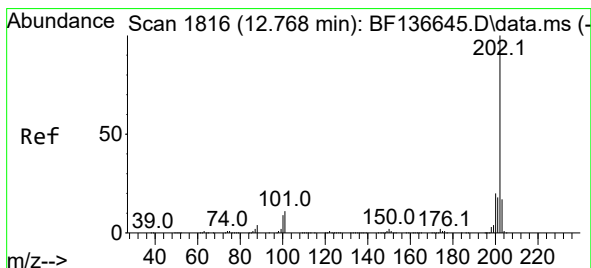
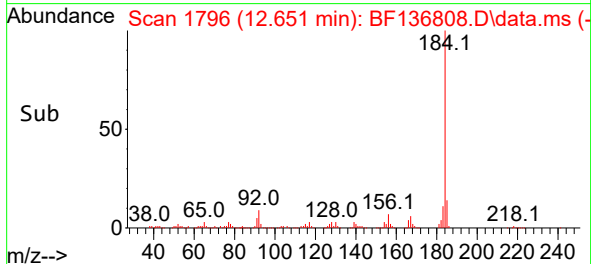
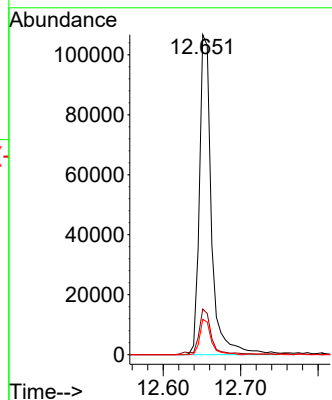
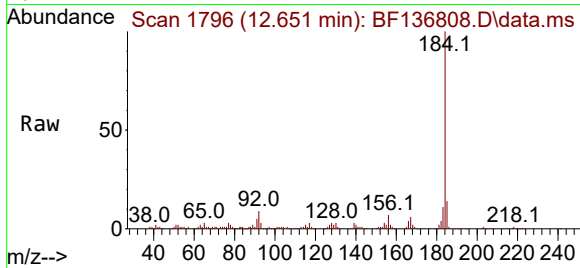




#77
Benzidine
Concen: 26.591 ng
RT: 12.651 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

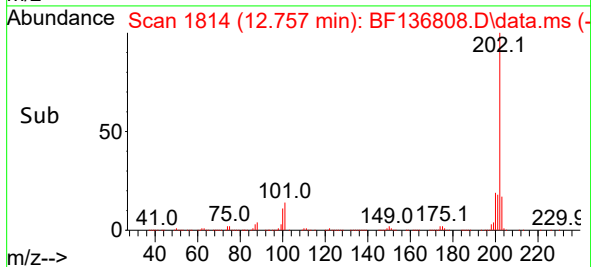
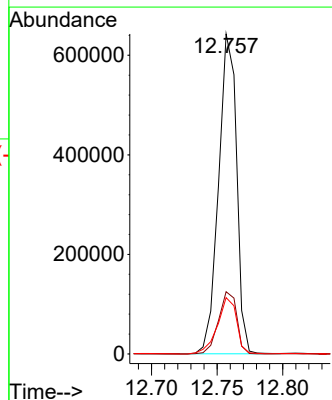
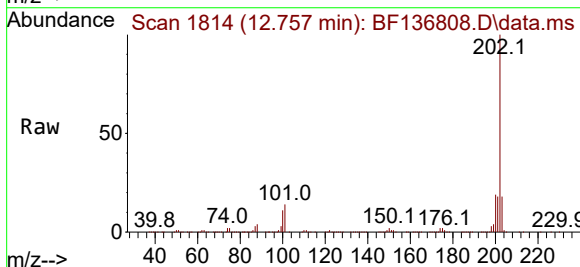
Instrument :
BNA_F
ClientSampleId :
72-12000MSD

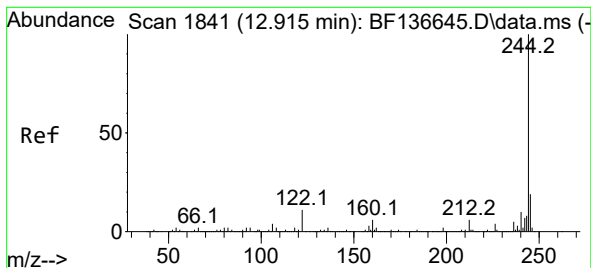
Tgt Ion:184 Resp: 115831
Ion Ratio Lower Upper
184 100
185 14.2 11.2 16.8
183 11.1 9.3 13.9



#78
Pyrene
Concen: 42.281 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

Tgt Ion:202 Resp: 613185
Ion Ratio Lower Upper
202 100
200 19.5 15.9 23.9
203 17.6 13.8 20.6





#79

Terphenyl-d14

Concen: 53.370 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136808.D

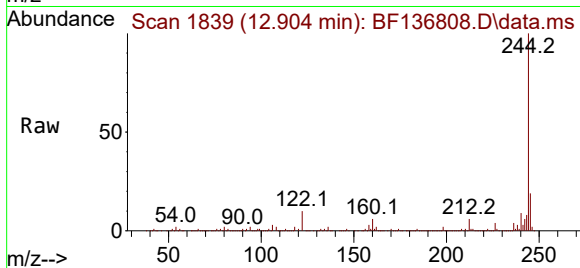
Acq: 28 Dec 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-12000MSD



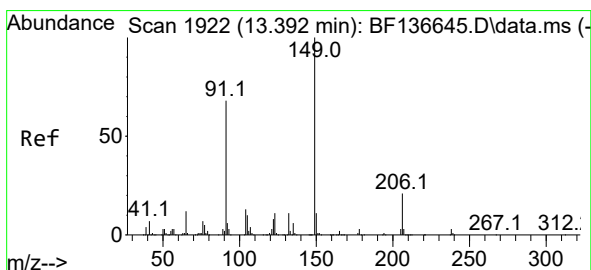
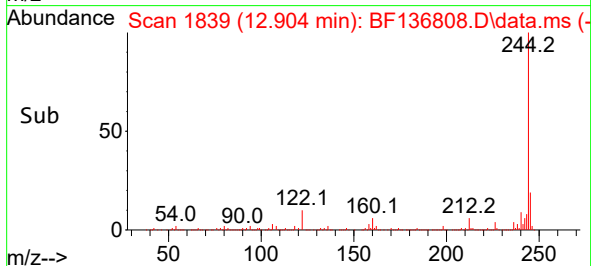
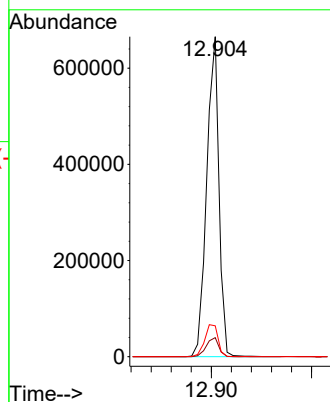
Tgt Ion:244 Resp: 564207

Ion Ratio Lower Upper

244 100

212 5.9 5.0 7.4

122 9.7 9.0 13.4



#80

Butylbenzylphthalate

Concen: 38.326 ng

RT: 13.380 min Scan# 1920

Delta R.T. -0.012 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

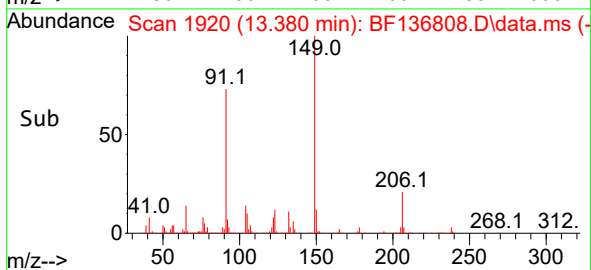
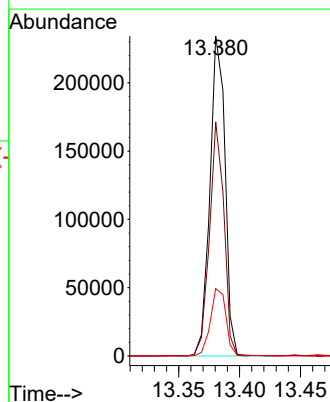
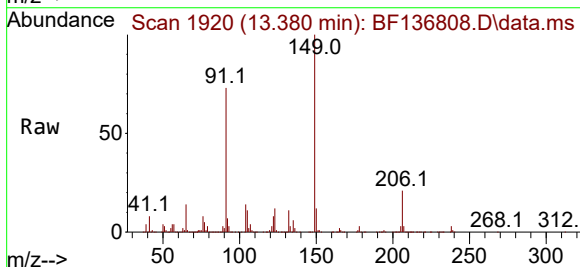
Tgt Ion:149 Resp: 202249

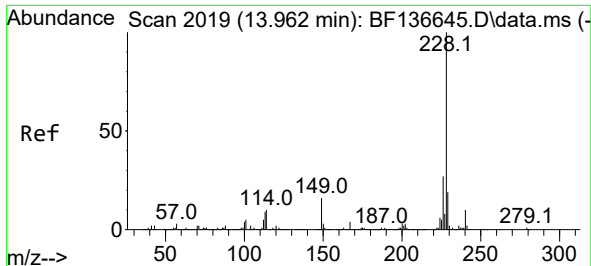
Ion Ratio Lower Upper

149 100

91 73.1 54.1 81.1

206 21.0 17.1 25.7

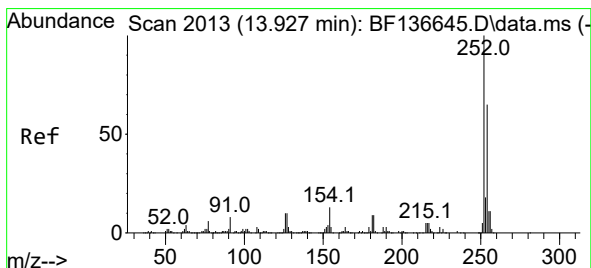
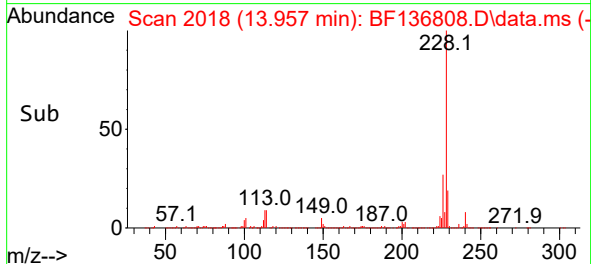
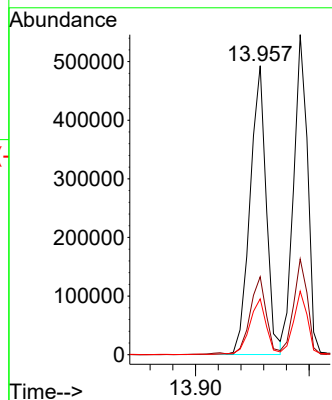
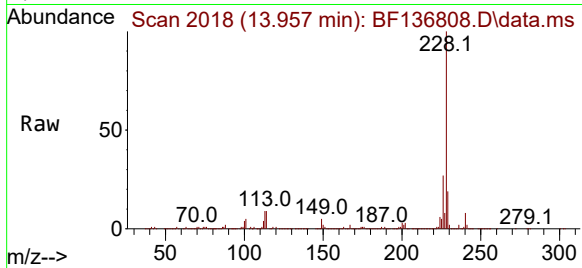




#81
Benzo(a)anthracene
Concen: 47.581 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

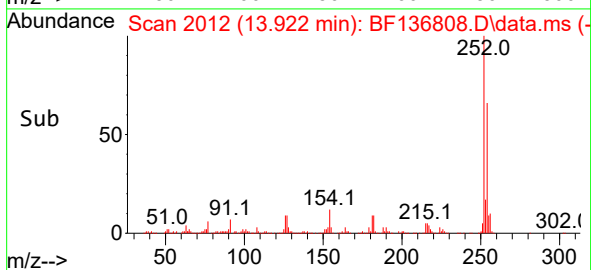
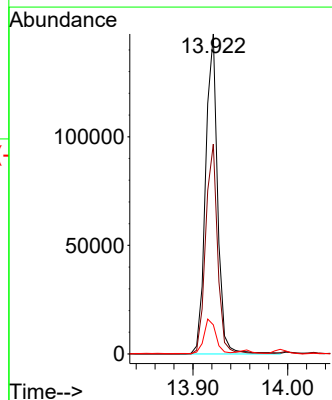
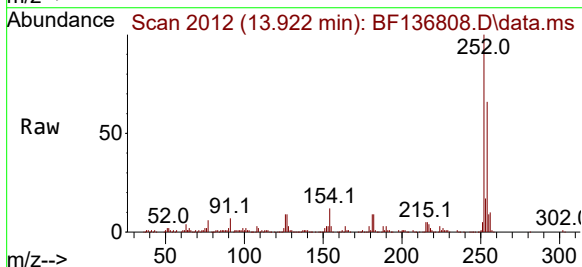
Instrument :
BNA_F
ClientSampleId :
72-12000MSD

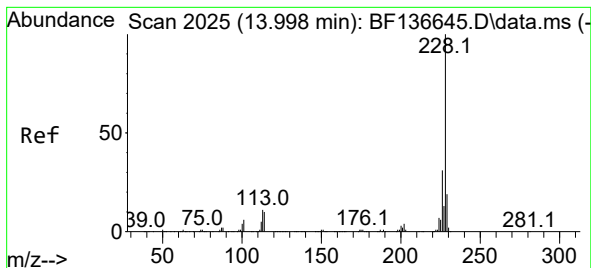
Tgt Ion:228 Resp: 488112
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 19.3 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 44.420 ng
RT: 13.922 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136808.D
Acq: 28 Dec 2023 22:54

Tgt Ion:252 Resp: 129413
Ion Ratio Lower Upper
252 100
254 65.6 52.2 78.4
126 9.1 8.0 12.0





#83

Chrysene

Concen: 46.223 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-12000MSD

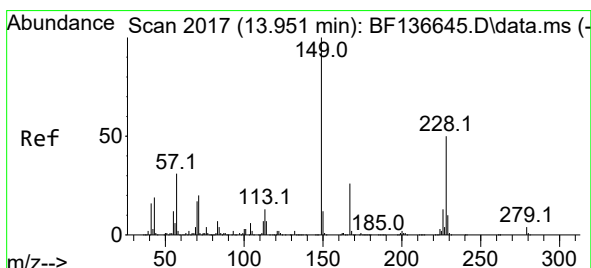
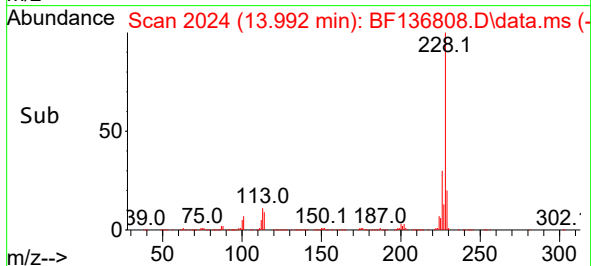
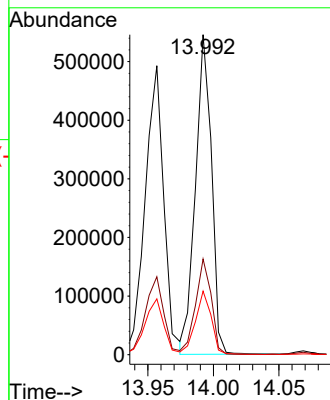
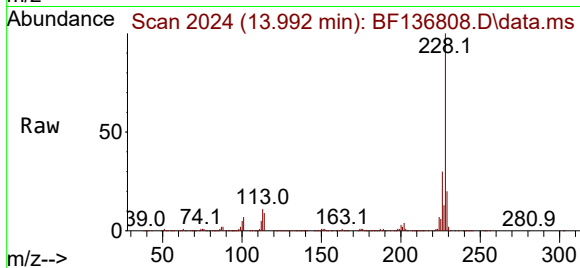
Tgt Ion:228 Resp: 463708

Ion Ratio Lower Upper

228 100

226 29.9 24.7 37.1

229 19.9 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.927 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

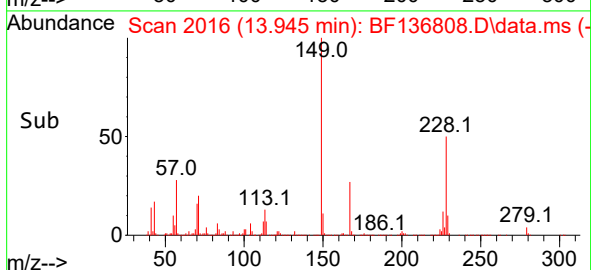
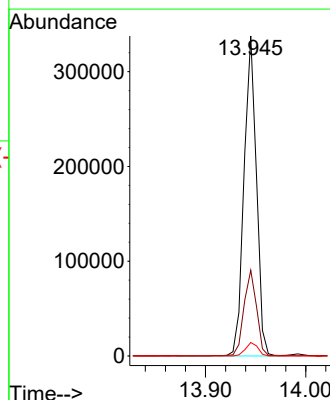
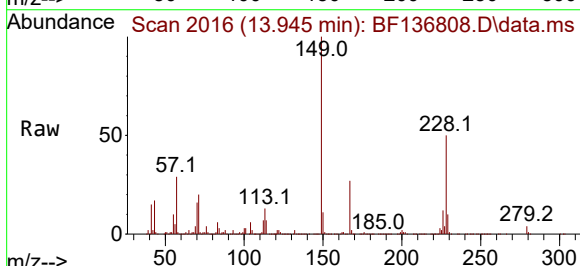
Tgt Ion:149 Resp: 291658

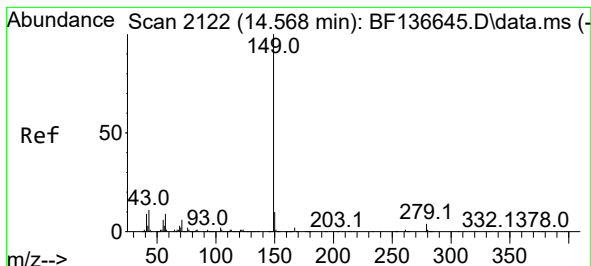
Ion Ratio Lower Upper

149 100

167 26.8 20.9 31.3

279 4.2 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 50.515 ng

RT: 14.563 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-12000MSD

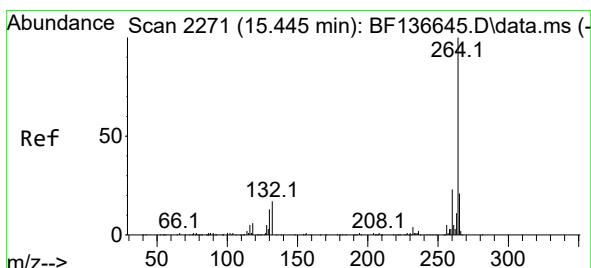
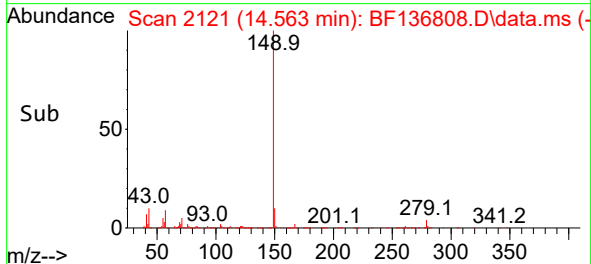
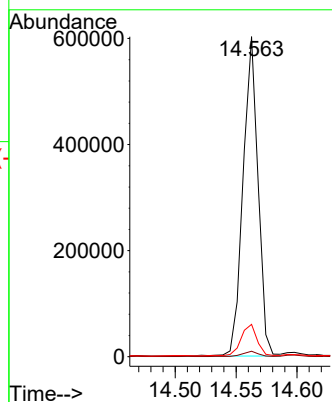
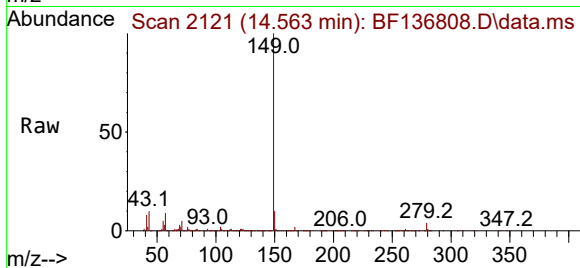
Tgt Ion:149 Resp: 518812

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

43 10.2 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

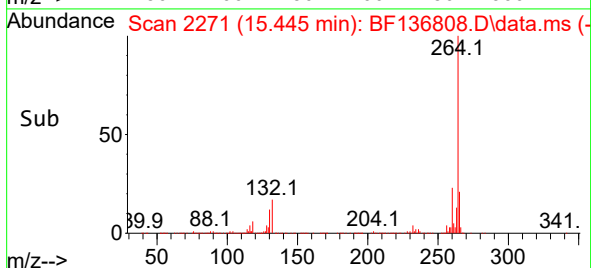
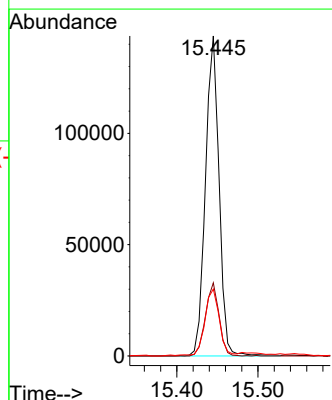
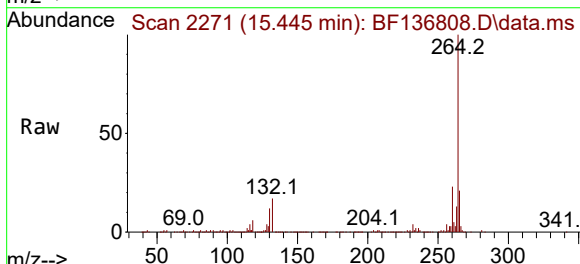
Tgt Ion:264 Resp: 166908

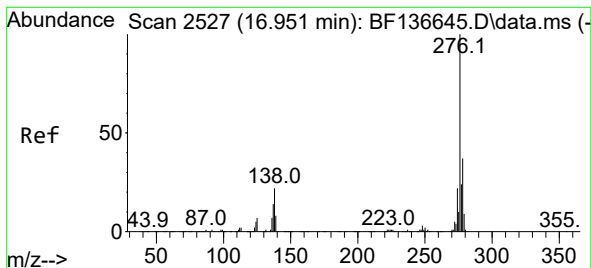
Ion Ratio Lower Upper

264 100

260 22.9 18.3 27.5

265 20.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.879 ng

RT: 16.951 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-12000MSD

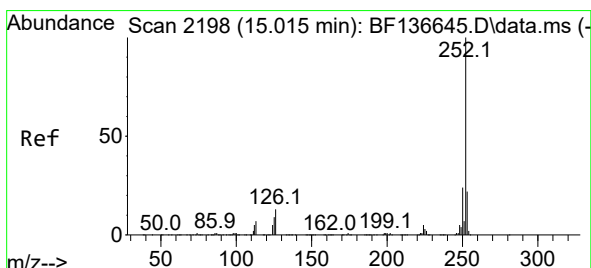
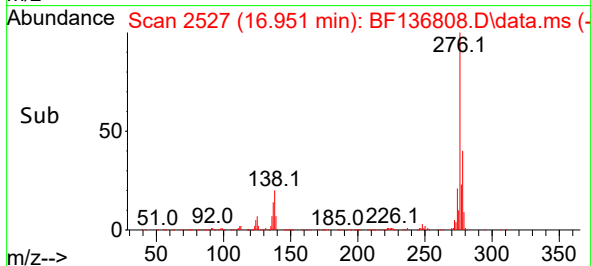
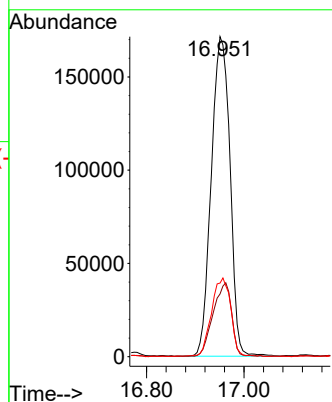
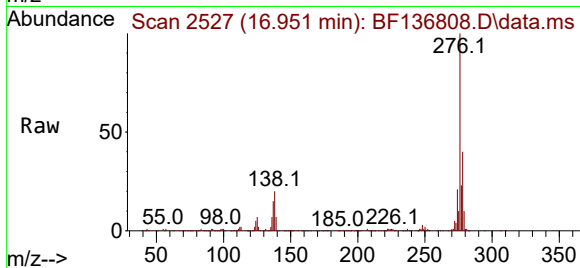
Tgt Ion:276 Resp: 456475

Ion Ratio Lower Upper

276 100

138 23.0 18.7 28.1

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 46.096 ng

RT: 15.016 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

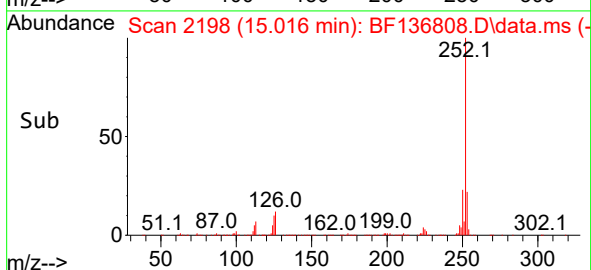
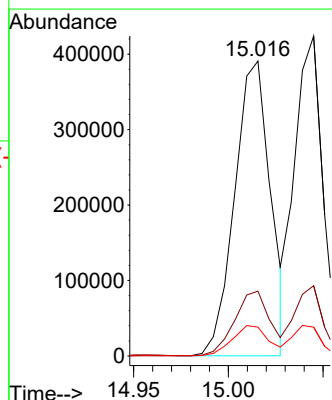
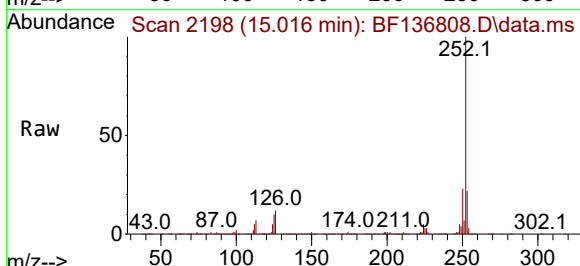
Tgt Ion:252 Resp: 513871

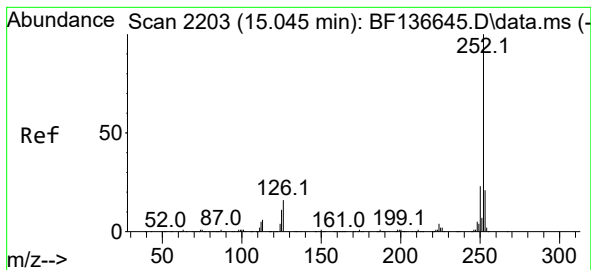
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 9.8 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 40.926 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-12000MSD

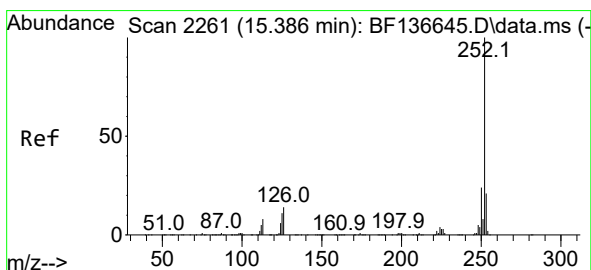
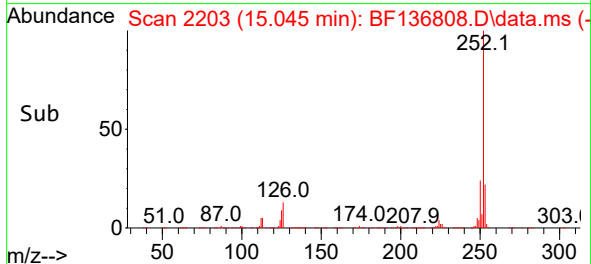
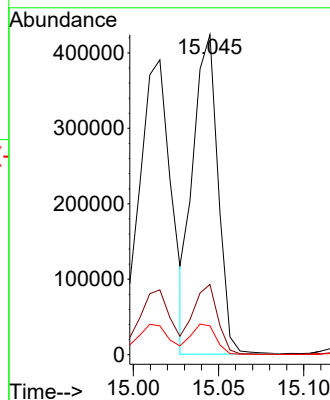
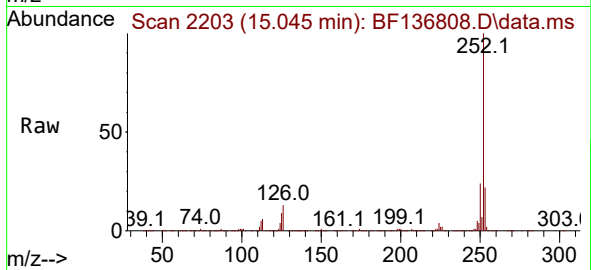
Tgt Ion:252 Resp: 431108

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 9.0 8.2 12.4



#90

Benzo(a)pyrene

Concen: 45.145 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

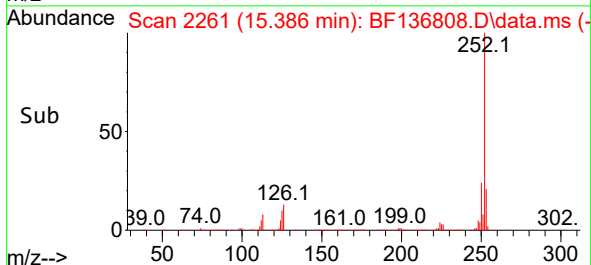
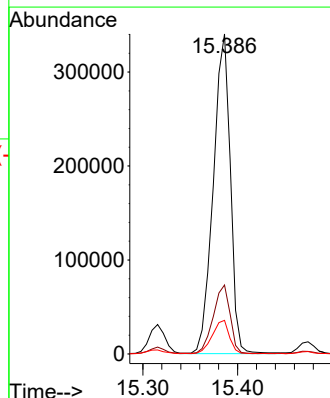
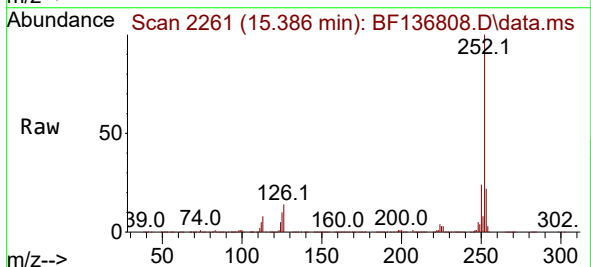
Tgt Ion:252 Resp: 424815

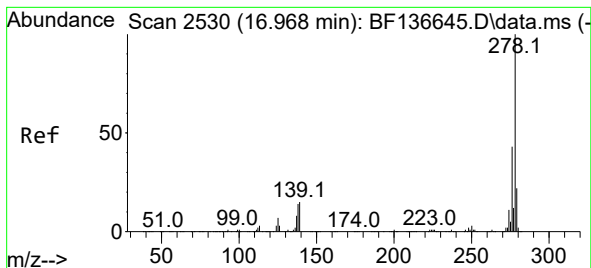
Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

125 10.5 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 37.302 ng

RT: 16.968 min Scan# 2530

Delta R.T. 0.000 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

Instrument :

BNA_F

ClientSampleId :

72-12000MSD

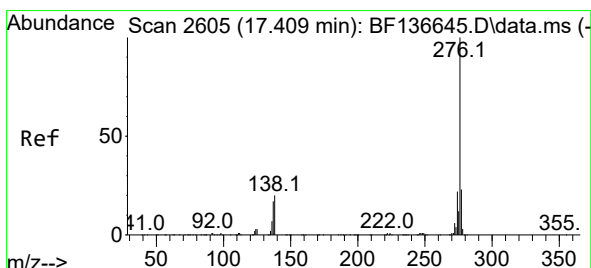
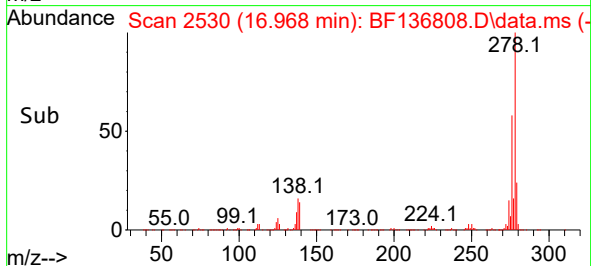
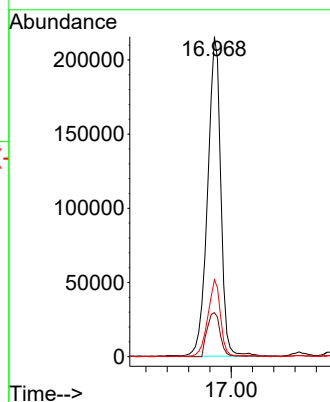
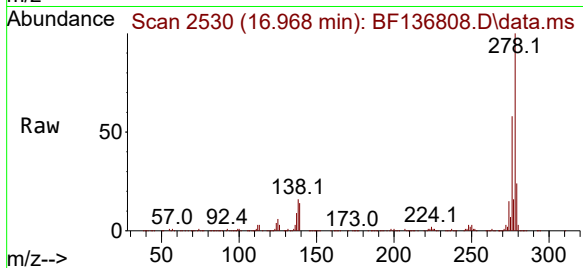
Tgt Ion:278 Resp: 368789

Ion Ratio Lower Upper

278 100

139 13.8 12.2 18.4

279 24.1 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 35.196 ng

RT: 17.410 min Scan# 2605

Delta R.T. 0.000 min

Lab File: BF136808.D

Acq: 28 Dec 2023 22:54

Tgt Ion:276 Resp: 356397

Ion Ratio Lower Upper

276 100

277 23.4 18.3 27.5

138 20.0 15.6 23.4

