

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136575.D
 Acq On : 14 Dec 2023 18:48
 Operator : CG\JU
 Sample : 05612-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 15 00:35:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	99202	20.000	ng	0.01
21) Naphthalene-d8	8.092	136	160263	20.000	ng	# 0.02
39) Acenaphthene-d10	9.827	164	173999	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	293286	20.000	ng	0.00
76) Chrysene-d12	13.968	240	214952	20.000	ng	0.00
86) Perylene-d12	15.445	264	256685	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	375081	55.839	ng	0.02
7) Phenol-d6	6.445	99	284706	33.971	ng	0.01
23) Nitrobenzene-d5	7.363	82	557785	188.154	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	236191	110.091	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1096587	85.994	ng	0.00
79) Terphenyl-d14	12.910	244	1111248	68.140	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	48363	18.203	ng	97
3) Pyridine	3.346	79	99878	15.523	ng	96
4) n-Nitrosodimethylamine	3.287	42	54959	19.661	ng	97
6) Aniline	6.463	93	177276	20.930	ng	# 75
8) 2-Chlorophenol	6.586	128	253476	34.565	ng	97
9) Benzaldehyde	6.351	77	232203	62.381	ng	# 1
10) Phenol	6.457	94	123964	13.901	ng	# 65
11) bis(2-Chloroethyl)ether	6.539	93	278739	41.933	ng	98
12) 1,3-Dichlorobenzene	6.734	146	274378	33.270	ng	99
13) 1,4-Dichlorobenzene	6.816	146	282739	33.797	ng	98
14) 1,2-Dichlorobenzene	6.816	146	282739	35.941	ng	98
15) Benzyl Alcohol	6.957	79	176503	31.451	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.075	45	300373	35.134	ng	96
17) 2-Methylphenol	7.057	107	152181	25.687	ng	94
18) Hexachloroethane	7.298	117	113287	38.787	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	123876	25.623	ng	99
20) 3+4-Methylphenols	7.216	107	186062	25.302	ng	89
22) Acetophenone	7.204	105	468432	118.366	ng	# 95
24) Nitrobenzene	7.375	77	317158	106.349	ng	100
25) Isophorone	7.604	82	69474	13.044	ng	97
26) 2-Nitrophenol	7.704	139	156186	106.530	ng	97
27) 2,4-Dimethylphenol	7.781	122	202287	111.896	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	286122	87.425	ng	98
29) 2,4-Dichlorophenol	7.939	162	13058	5.472	ng	93
30) 1,2,4-Trichlorobenzene	8.022	180	50071	17.995	ng	95
31) Naphthalene	8.151	128	21058678	2382.781	ng	# 93
32) Benzoic acid	7.869	122	43378	24.188	ng	# 1
33) 4-Chloroaniline	8.204	127	6239475	1980.299	ng	# 44
34) Hexachlorobutadiene	8.233	225	143115	86.788	ng	99
35) Caprolactam	8.528	113	13911	18.931	ng	# 81
36) 4-Chloro-3-methylphenol	8.645	107	202757	80.026	ng	97
37) 2-Methylnaphthalene	8.816	142	6048081	1075.681	ng	98
38) 1-Methylnaphthalene	8.916	142	4215803	764.107	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	255567	47.210	ng	99
41) Hexachlorocyclopentadiene	8.939	237	168617	84.077	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	153135	43.445	ng	100

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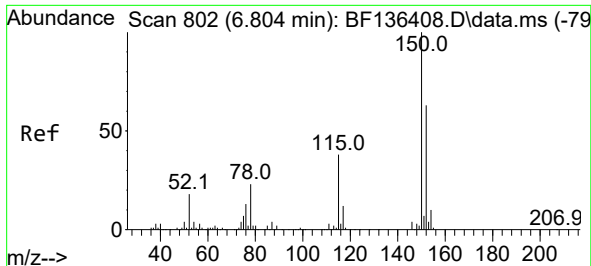
Quant Time: Dec 15 00:35:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	159158	40.457	ng	94
46) 1,1'-Biphenyl	9.257	154	1341785	90.627	ng	99
47) 2-Chloronaphthalene	9.275	162	491430	42.646	ng	97
48) 2-Nitroaniline	9.375	65	131860	42.664	ng	96
49) Acenaphthylene	9.692	152	848100	51.665	ng	98
50) Dimethylphthalate	9.557	163	576486	45.001	ng	99
51) 2,6-Dinitrotoluene	9.622	165	119419	41.436	ng	99
52) Acenaphthene	9.874	154	1993685	189.528	ng	98
53) 3-Nitroaniline	9.792	138	87407	29.700	ng	94
54) 2,4-Dinitrophenol	9.892	184	73378	50.358	ng	# 76
55) Dibenzofuran	10.033	168	756396	49.221	ng	98
56) 4-Nitrophenol	9.963	139	61500	27.876	ng	95
57) 2,4-Dinitrotoluene	10.022	165	162637	42.659	ng	99
58) Fluorene	10.380	166	972319	78.821	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	128882	40.899	ng	99
60) Diethylphthalate	10.251	149	528825	41.981	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	251699	41.855	ng	99
62) 4-Nitroaniline	10.398	138	115176	39.413	ng	92
63) Azobenzene	10.527	77	459876	40.109	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	58345	32.122	ng	96
66) n-Nitrosodiphenylamine	10.492	169	455564	48.408	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	158726	46.548	ng	98
68) Hexachlorobenzene	10.922	284	175151	44.442	ng	100
69) Atrazine	11.027	200	148166	55.162	ng	99
70) Pentachlorophenol	11.127	266	183999	82.723	ng	98
71) Phenanthrene	11.345	178	1445666	89.680	ng	99
72) Anthracene	11.392	178	879282	54.154	ng	98
73) Carbazole	11.557	167	969361	67.454	ng	100
74) Di-n-butylphthalate	11.886	149	809256	45.936	ng	99
75) Fluoranthene	12.533	202	816959	48.360	ng	98
77) Benzidine	12.657	184	117429	29.154	ng	98
78) Pyrene	12.763	202	854433	40.588	ng	98
80) Butylbenzylphthalate	13.392	149	316352	42.214	ng	96
81) Benzo(a)anthracene	13.957	228	685524	45.785	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	189533	45.148	ng	99
83) Chrysene	13.998	228	660241	44.819	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	423873	46.139	ng	100
85) Di-n-octyl phthalate	14.568	149	734551	54.131	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	714951	40.093	ng	99
88) Benzo(b)fluoranthene	15.015	252	715197	40.751	ng	98
89) Benzo(k)fluoranthene	15.045	252	640849	38.746	ng	99
90) Benzo(a)pyrene	15.386	252	620785	42.831	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	591239	40.471	ng	98
92) Benzo(g,h,i)perylene	17.409	276	546364	36.437	ng	99

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

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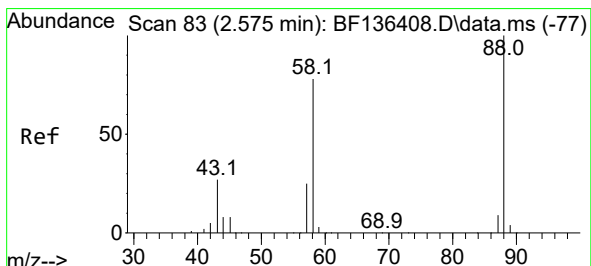
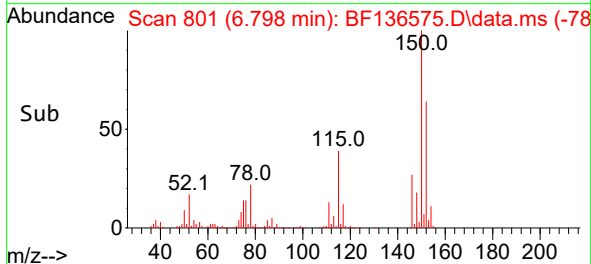
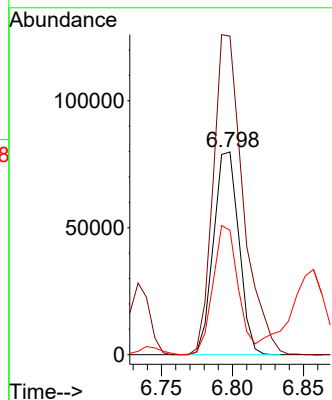
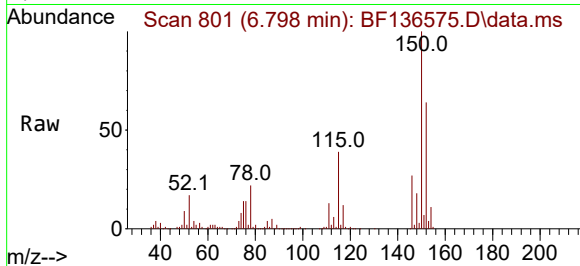




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. 0.011 min
 Lab File: BF136575.D
 Acq: 14 Dec 2023 18:48

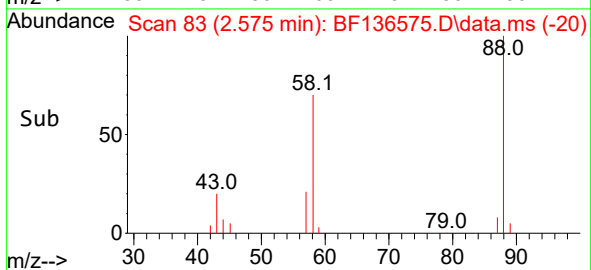
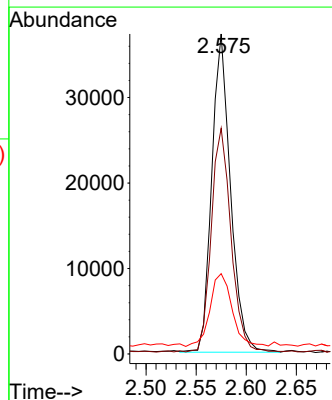
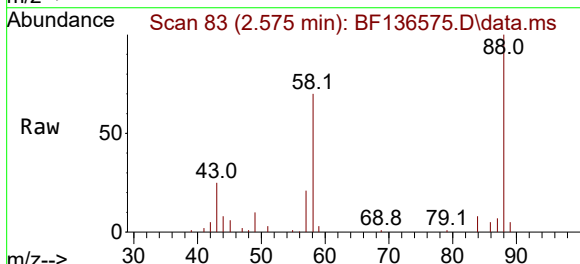
Instrument :
 BNA_F
 ClientSampleId :

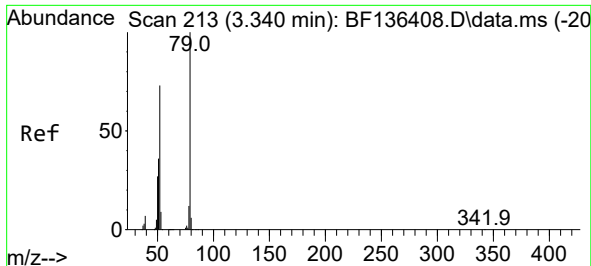
Tgt Ion:152 Resp: 99202
 Ion Ratio Lower Upper
 152 100
 150 157.1 126.4 189.6
 115 61.4 48.2 72.4



#2
 1,4-Dioxane
 Concen: 18.203 ng
 RT: 2.575 min Scan# 83
 Delta R.T. 0.023 min
 Lab File: BF136575.D
 Acq: 14 Dec 2023 18:48

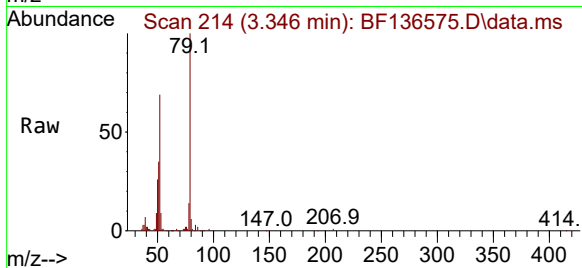
Tgt Ion: 88 Resp: 48363
 Ion Ratio Lower Upper
 88 100
 58 73.9 62.2 93.2
 43 26.8 21.5 32.3



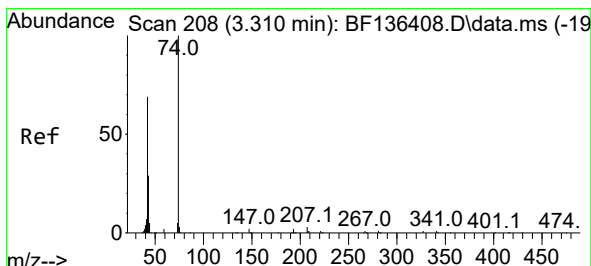
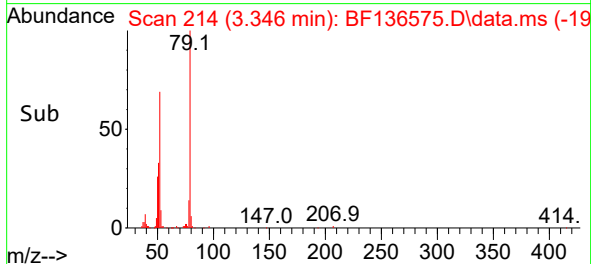
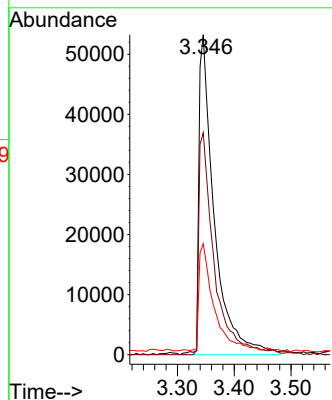


#3
Pyridine
Concen: 15.523 ng
RT: 3.346 min Scan# 213
Delta R.T. 0.035 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

Instrument :
BNA_F
ClientSampleId :

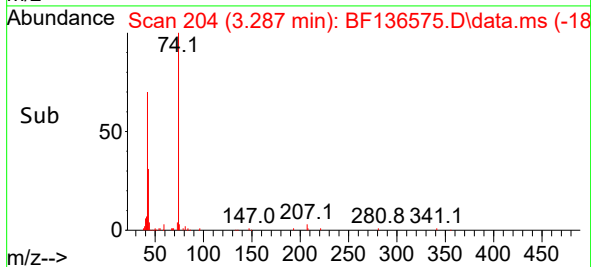
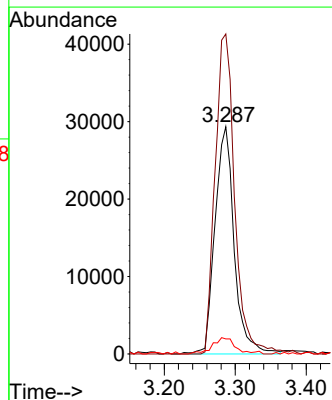
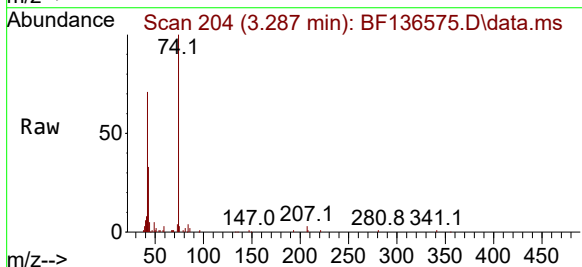


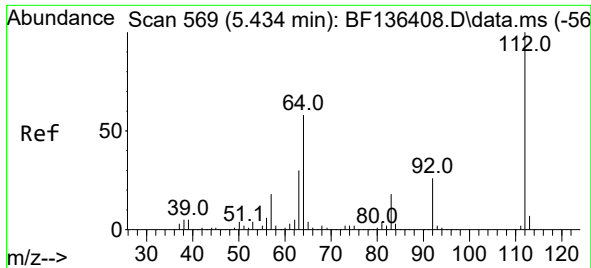
Tgt Ion: 79 Resp: 99878
Ion Ratio Lower Upper
79 100
52 69.4 58.2 87.2
51 34.7 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 19.661 ng
RT: 3.287 min Scan# 204
Delta R.T. -0.000 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

Tgt Ion: 42 Resp: 54959
Ion Ratio Lower Upper
42 100
74 140.8 115.4 173.0
44 6.6 6.2 9.2

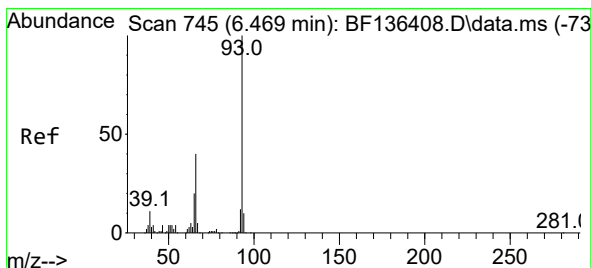
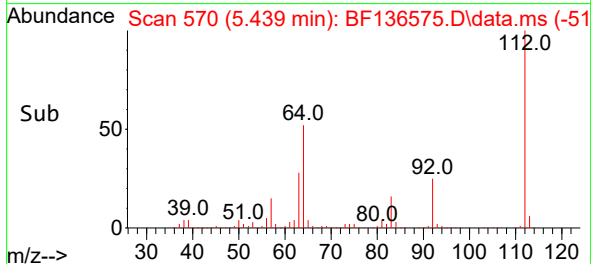
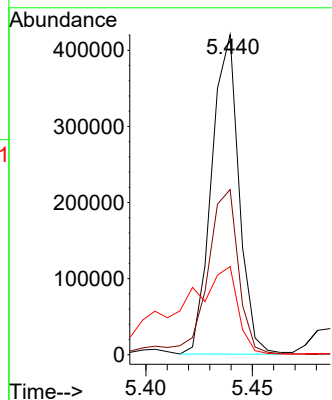
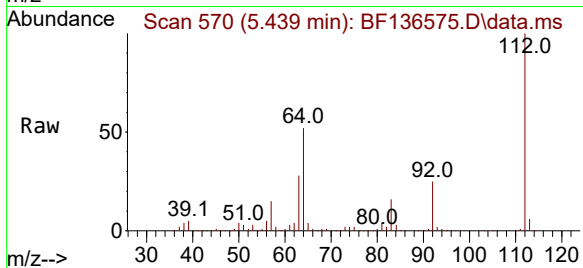




#5
2-Fluorophenol
Concen: 55.839 ng
RT: 5.439 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

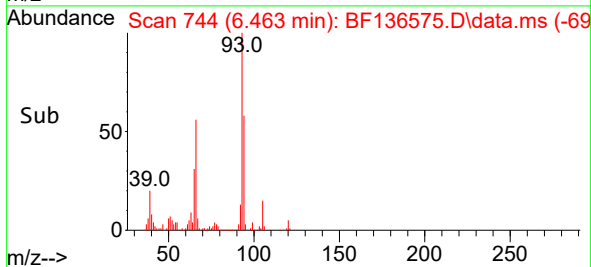
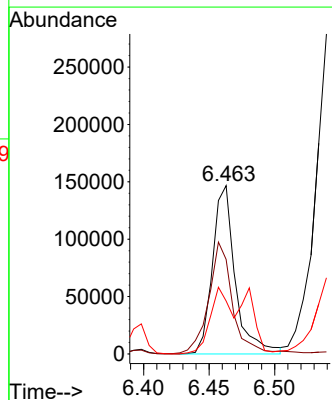
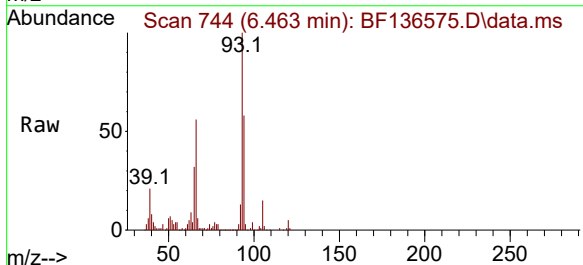
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ClientSampleId :

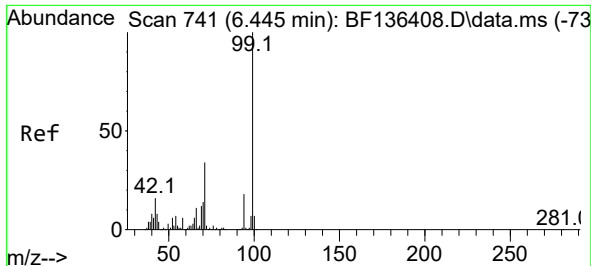
Tgt Ion:112 Resp: 375081
Ion Ratio Lower Upper
112 100
64 51.6 46.5 69.7
63 27.6 23.9 35.9



#6
Aniline
Concen: 20.930 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

Tgt Ion: 93 Resp: 177276
Ion Ratio Lower Upper
93 100
66 56.2 32.5 48.7#
65 31.5 16.4 24.6#

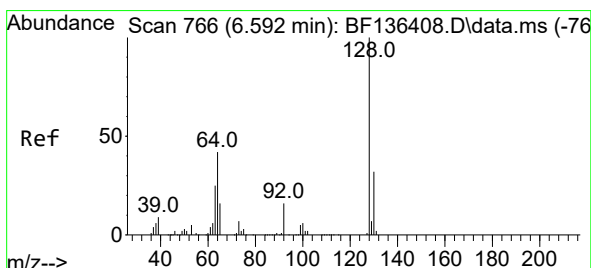
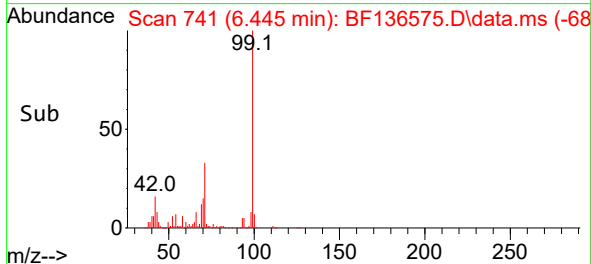
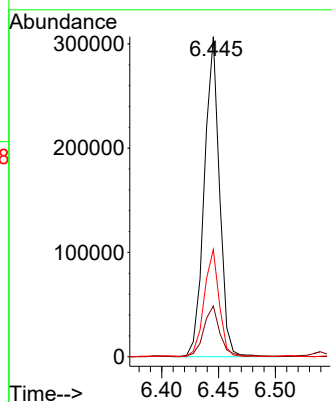
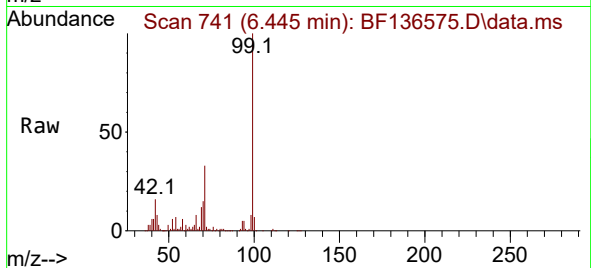




#7
Phenol-d6
Concen: 33.971 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

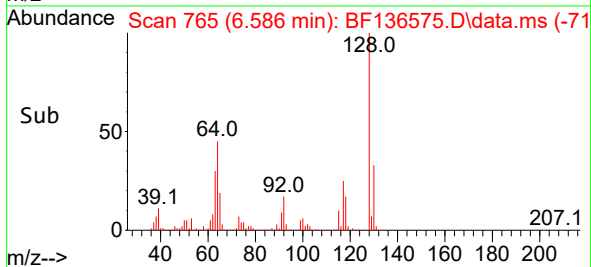
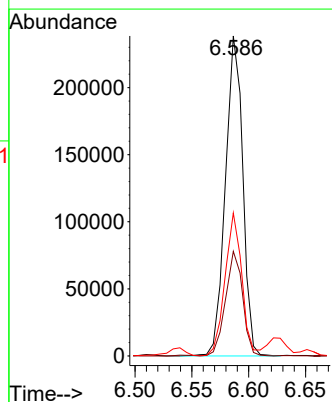
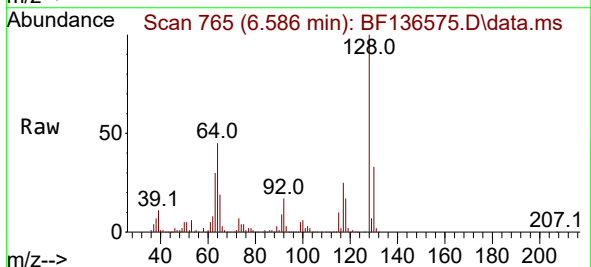
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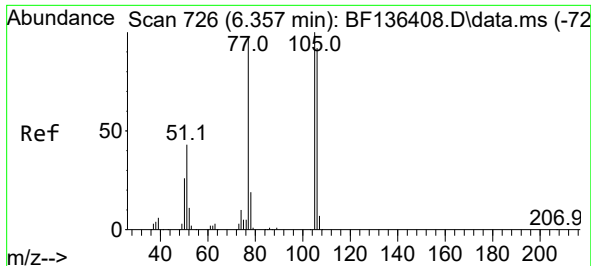
Tgt Ion: 99 Resp: 284706
Ion Ratio Lower Upper
99 100
42 15.8 12.8 19.2
71 33.5 27.0 40.4



#8
2-Chlorophenol
Concen: 34.565 ng
RT: 6.586 min Scan# 765
Delta R.T. 0.006 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

Tgt Ion:128 Resp: 253476
Ion Ratio Lower Upper
128 100
130 32.7 11.7 51.7
64 44.7 22.5 62.5





#9

Benzaldehyde

Concen: 62.381 ng

RT: 6.351 min Scan# 71

Delta R.T. 0.006 min

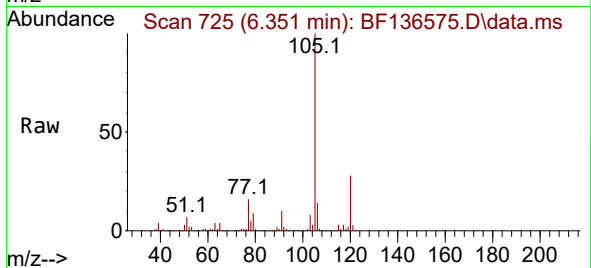
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Acq: 14 Dec 2023 18:48

Instrument :

BNA_F

ClientSampleId :



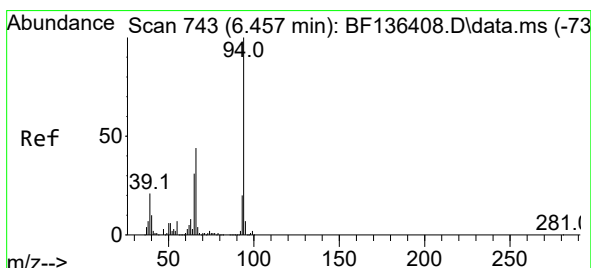
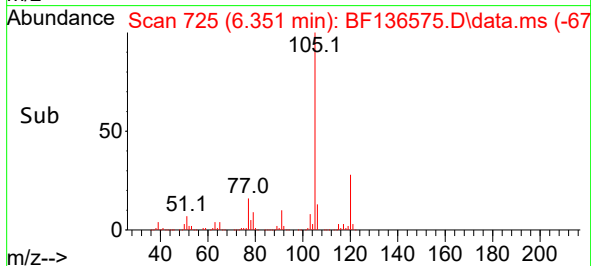
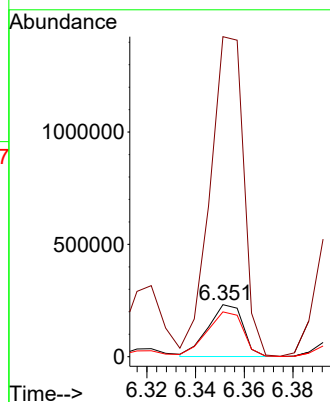
Tgt Ion: 77 Resp: 232203

Ion Ratio Lower Upper

77 100

105 615.5 82.5 122.5#

106 86.1 74.5 114.5



#10

Phenol

Concen: 13.901 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.012 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

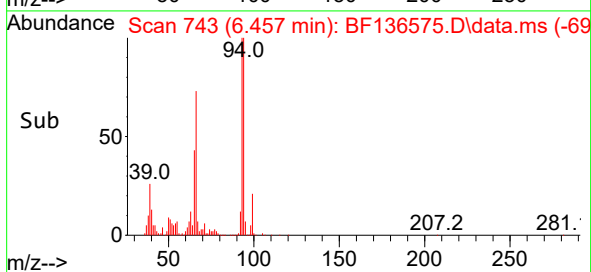
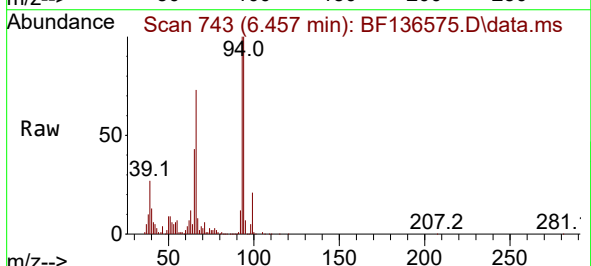
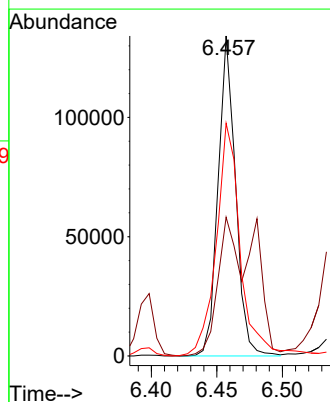
Tgt Ion: 94 Resp: 123964

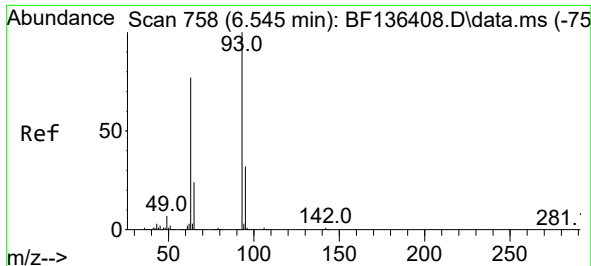
Ion Ratio Lower Upper

94 100

65 43.4 11.2 51.2

66 72.7 24.2 64.2#





#11

bis(2-Chloroethyl)ether

Concen: 41.933 ng

RT: 6.539 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

Instrument :

BNA_F

ClientSampleId :

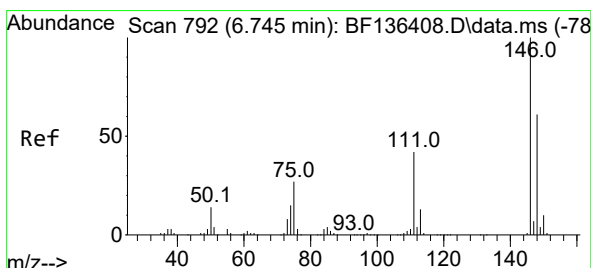
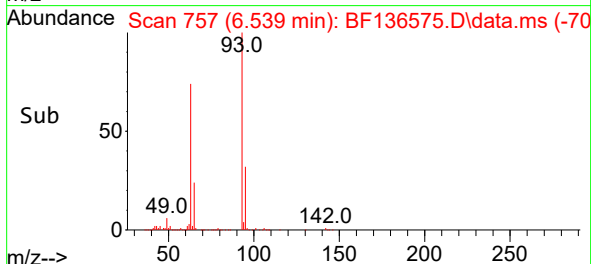
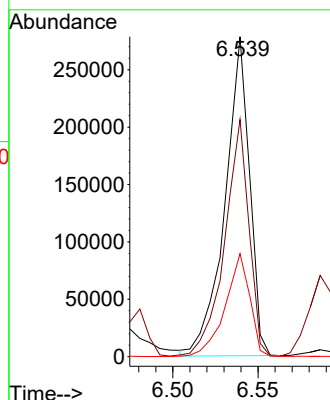
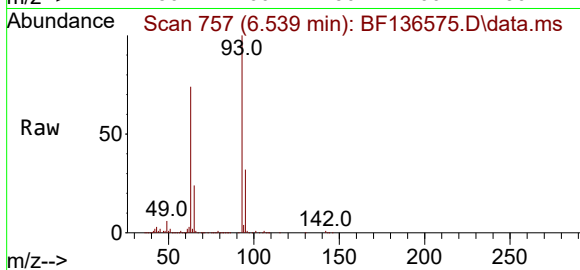
Tgt Ion: 93 Resp: 278739

Ion Ratio Lower Upper

93 100

63 74.1 56.8 96.8

95 32.2 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 33.270 ng

RT: 6.734 min Scan# 790

Delta R.T. 0.006 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

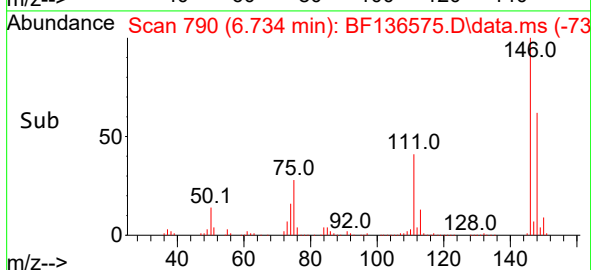
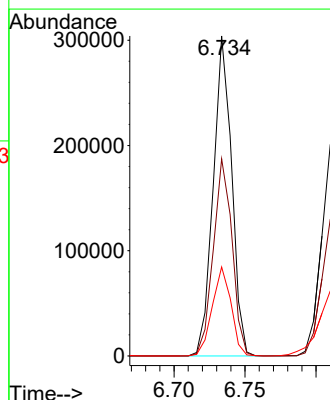
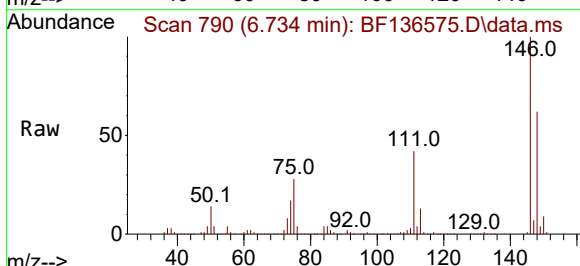
Tgt Ion:146 Resp: 274378

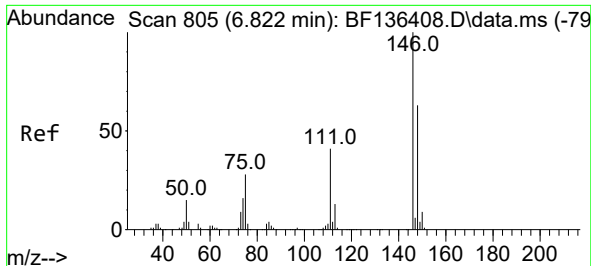
Ion Ratio Lower Upper

146 100

148 61.6 49.0 73.6

75 27.8 21.8 32.6

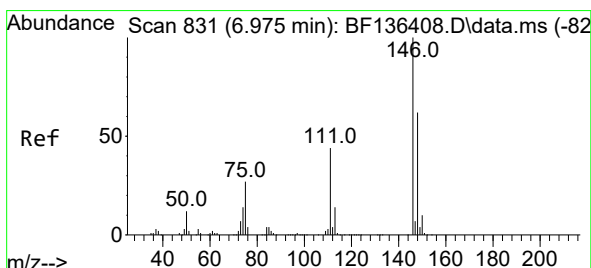
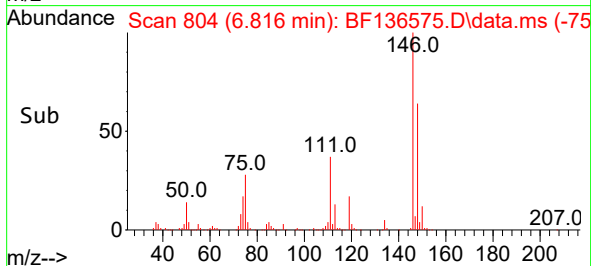
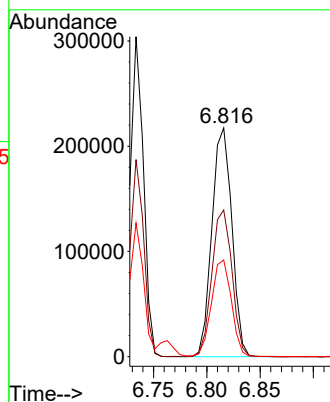
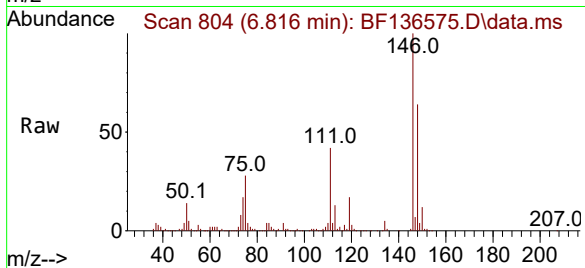




#13
1,4-Dichlorobenzene
Concen: 33.797 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.012 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

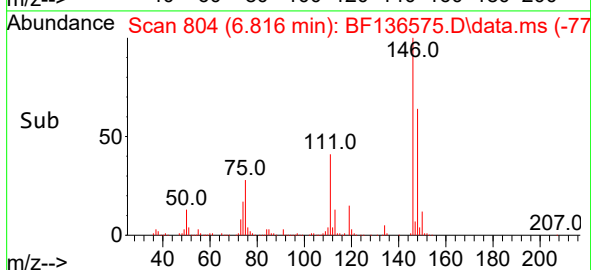
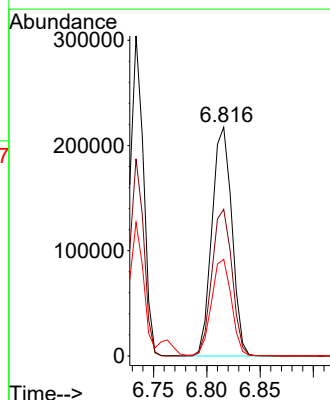
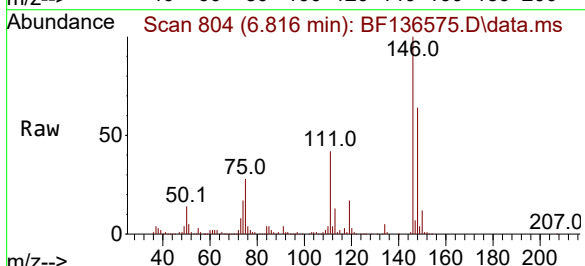
Instrument :
BNA_F
ClientSampleId :

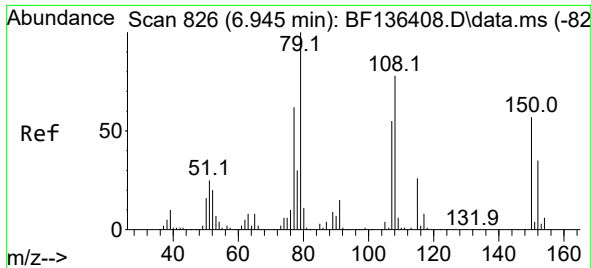
Tgt Ion:146 Resp: 282739
Ion Ratio Lower Upper
146 100
148 64.1 50.3 75.5
111 42.2 32.6 49.0



#14
1,2-Dichlorobenzene
Concen: 35.941 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.141 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

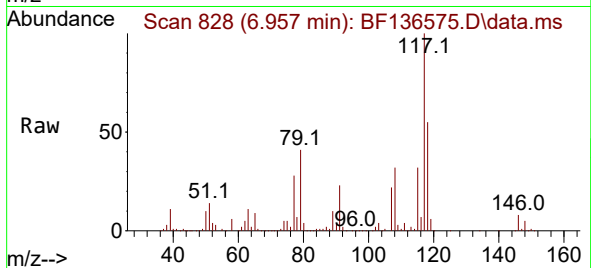
Tgt Ion:146 Resp: 282739
Ion Ratio Lower Upper
146 100
148 64.1 49.8 74.6
111 42.2 34.9 52.3



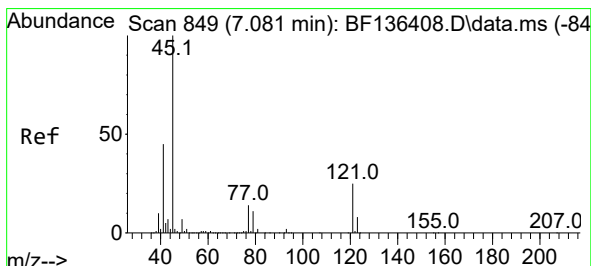
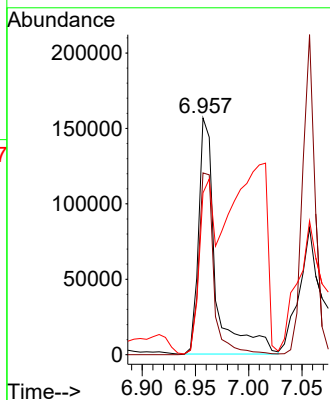
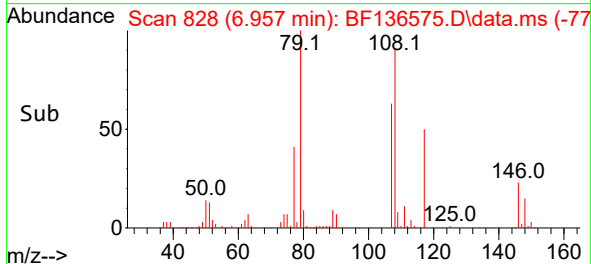


#15
Benzyl Alcohol
Concen: 31.451 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.023 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

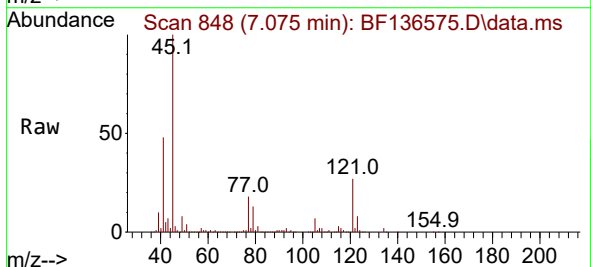
Instrument :
BNA_F
ClientSampleId :



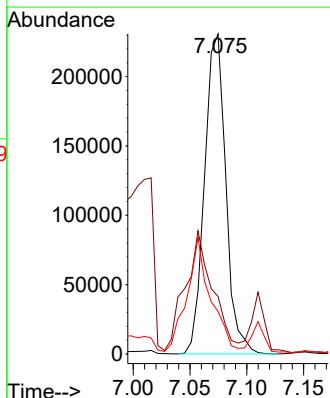
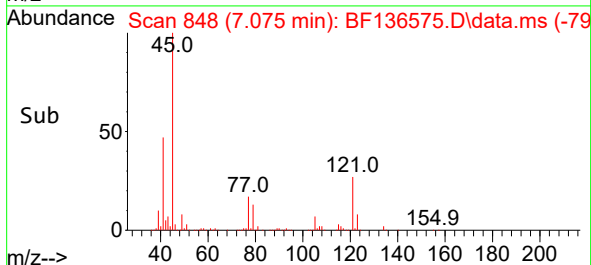
Tgt Ion: 79 Resp: 176503
Ion Ratio Lower Upper
79 100
108 76.8 62.3 93.5
77 68.4 49.8 74.8

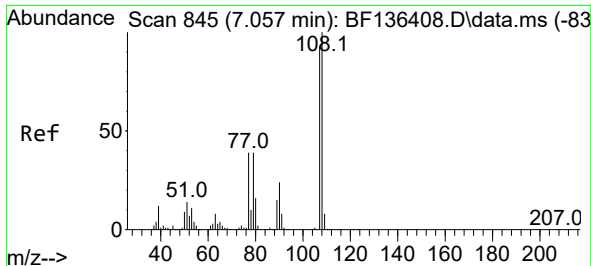


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.134 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.012 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48



Tgt Ion: 45 Resp: 300373
Ion Ratio Lower Upper
45 100
77 18.0 0.0 35.3
79 13.3 0.0 32.5





#17

2-Methylphenol

Concen: 25.687 ng

RT: 7.057 min Scan# 845

Delta R.T. 0.012 min

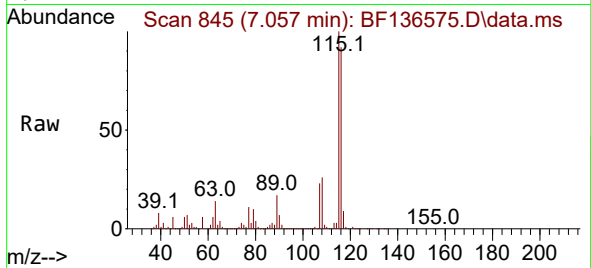
Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:107 Resp: 152181

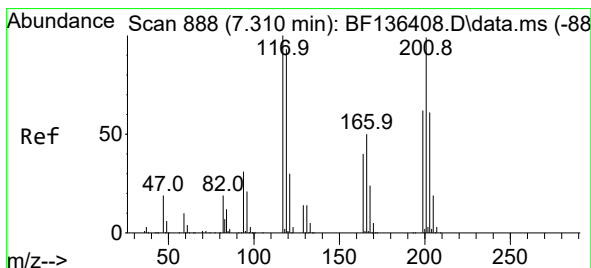
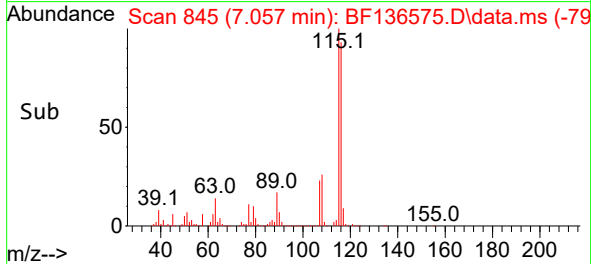
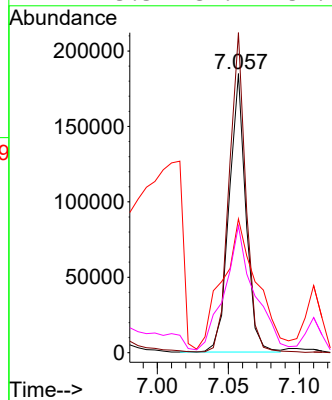
Ion Ratio Lower Upper

107 100

108 114.7 86.5 129.7

77 47.9 33.8 50.8

79 45.5 34.4 51.6



#18

Hexachloroethane

Concen: 38.787 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

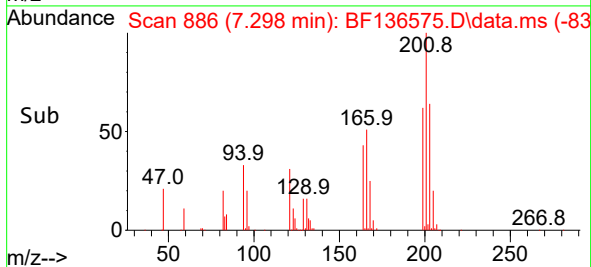
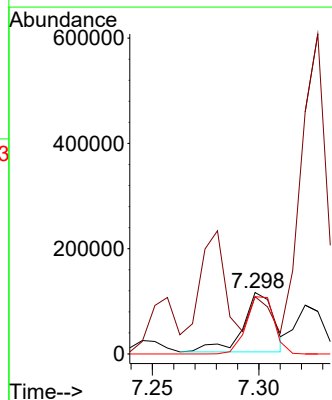
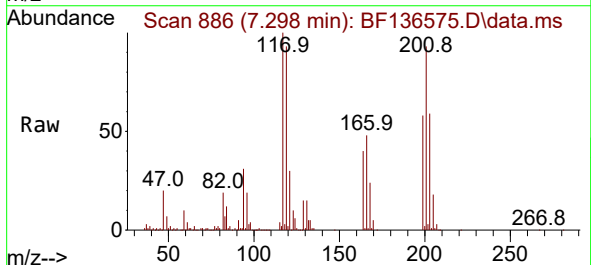
Tgt Ion:117 Resp: 113287

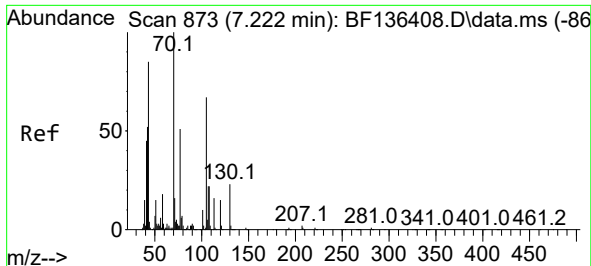
Ion Ratio Lower Upper

117 100

119 93.1 74.3 111.5

201 93.1 79.3 118.9

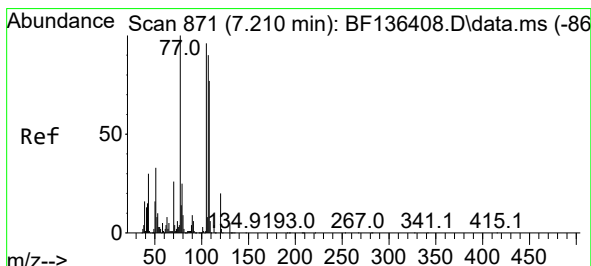
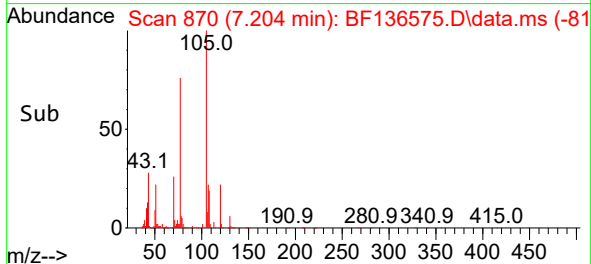
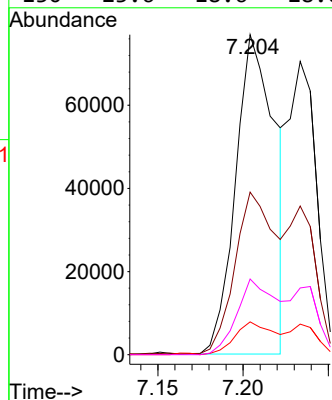
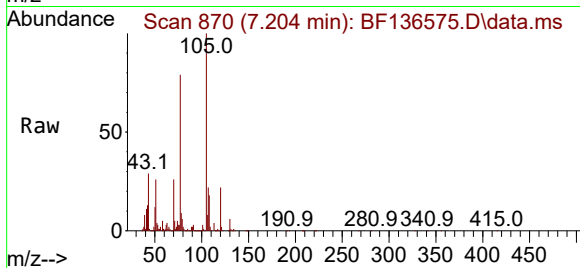




#19
n-Nitroso-di-n-propylamine
Concen: 25.623 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

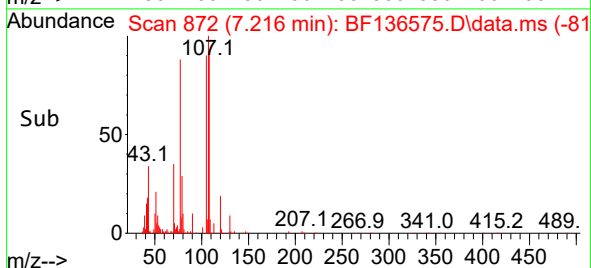
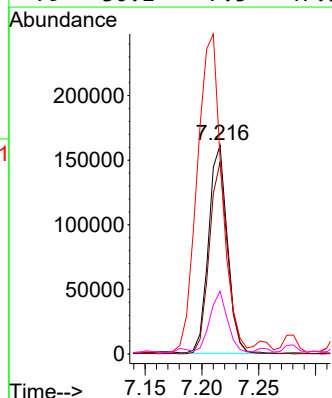
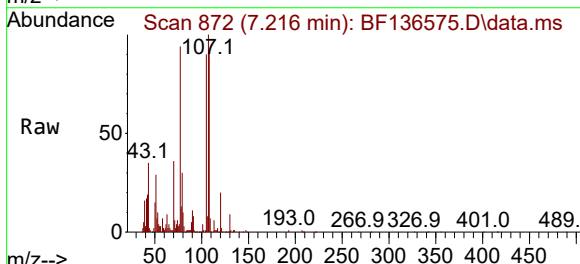
Instrument :
BNA_F
ClientSampleId :

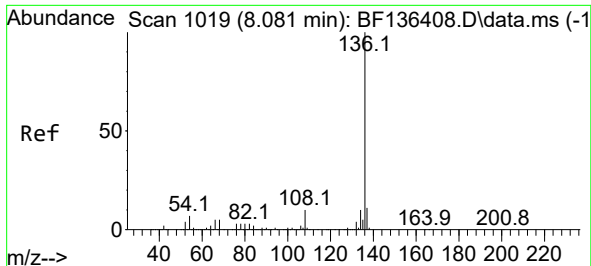
Tgt Ion: 70 Resp: 123876
Ion Ratio Lower Upper
70 100
42 50.8 41.4 62.0
101 10.3 8.2 12.4
130 23.6 18.6 28.0



#20
3+4-Methylphenols
Concen: 25.302 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.012 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

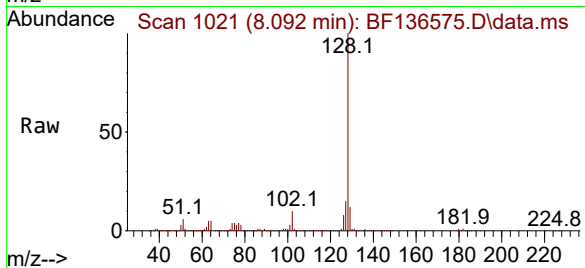
Tgt Ion: 107 Resp: 186062
Ion Ratio Lower Upper
107 100
108 91.8 65.9 105.9
77 94.0 91.7 131.7
79 30.1 7.5 47.5



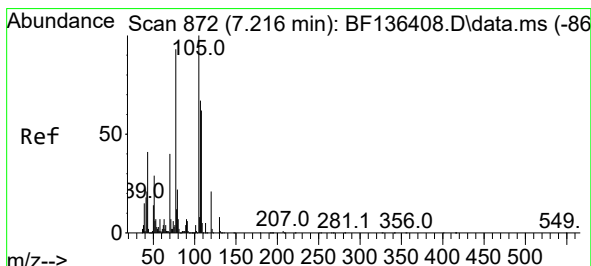
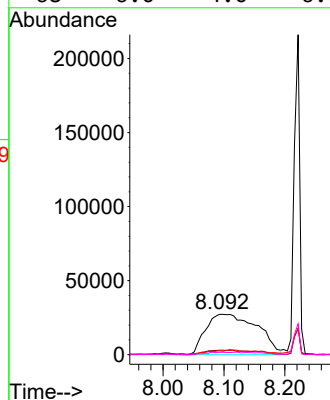
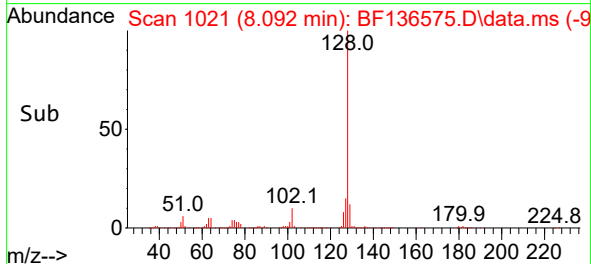


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 10
Delta R.T. 0.023 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

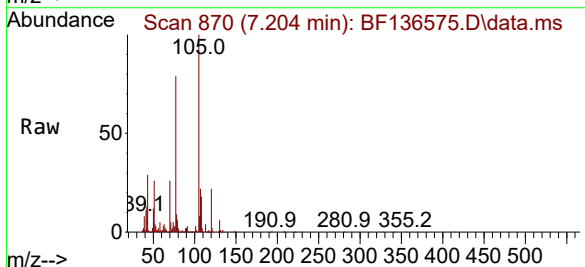
Instrument :
BNA_F
ClientSampleId :



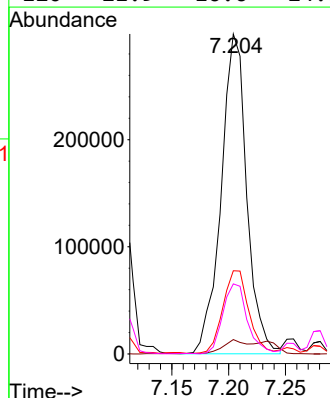
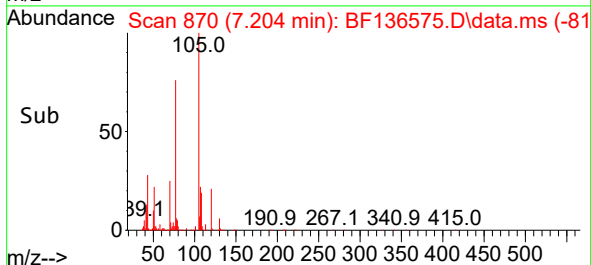
Tgt Ion:136 Resp: 160263
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.8 5.7 8.5#
68 6.0 4.0 6.0#

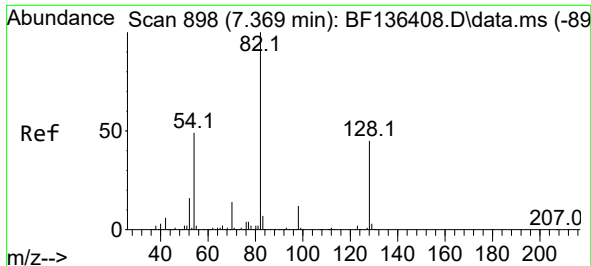


#22
Acetophenone
Concen: 118.366 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48



Tgt Ion:105 Resp: 468432
Ion Ratio Lower Upper
105 100
71 4.5 5.4 8.0#
51 26.0 23.4 35.2
120 21.9 16.6 24.8





#23

Nitrobenzene-d5

Concen: 188.154 ng

RT: 7.363 min Scan# 898

Delta R.T. 0.006 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

Instrument :

BNA_F

ClientSampleId :

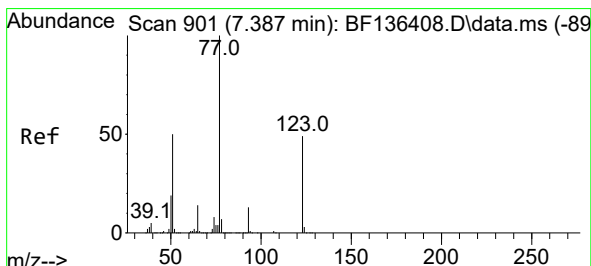
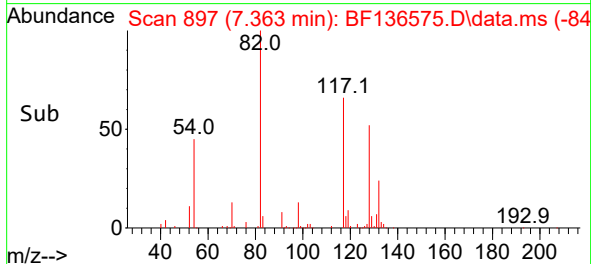
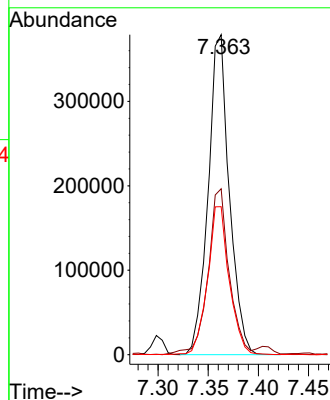
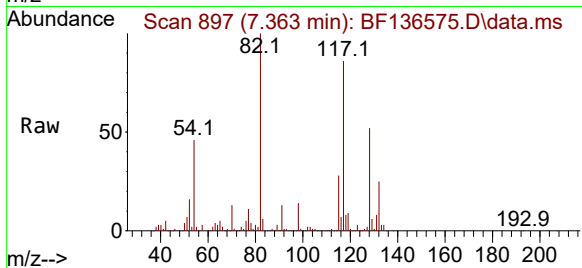
Tgt Ion: 82 Resp: 557785

Ion Ratio Lower Upper

82 100

128 51.9 36.3 54.5

54 46.3 39.0 58.6



#24

Nitrobenzene

Concen: 106.349 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.000 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

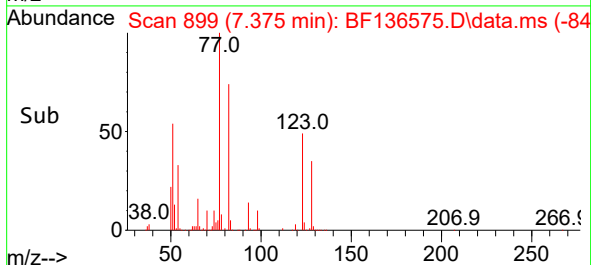
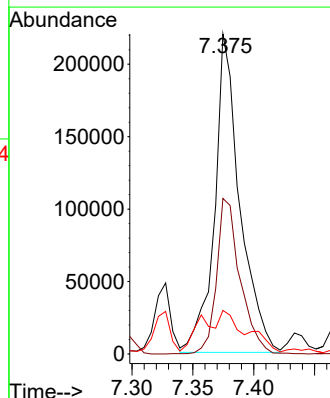
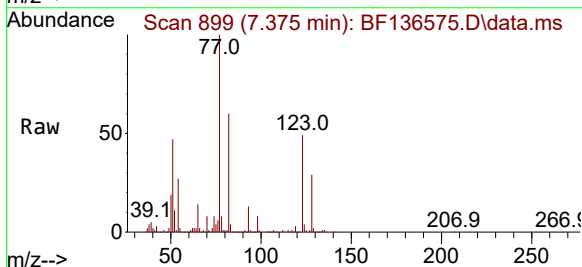
Tgt Ion: 77 Resp: 317158

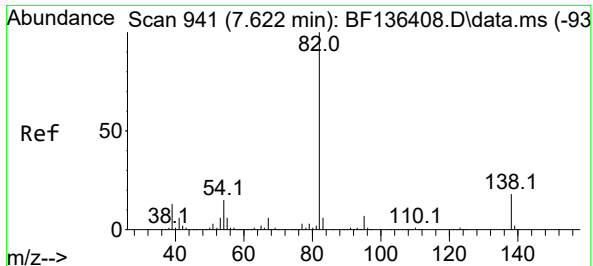
Ion Ratio Lower Upper

77 100

123 48.6 39.0 58.6

65 13.6 11.3 16.9

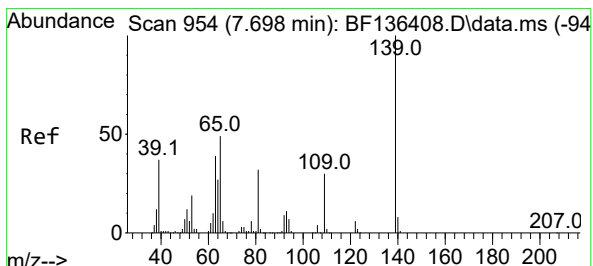
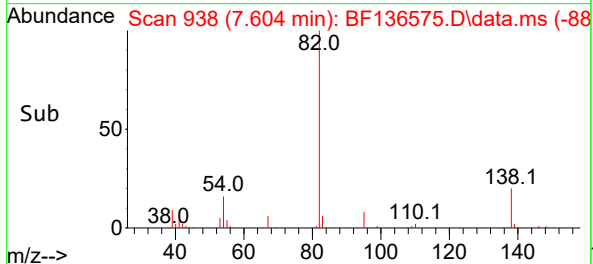
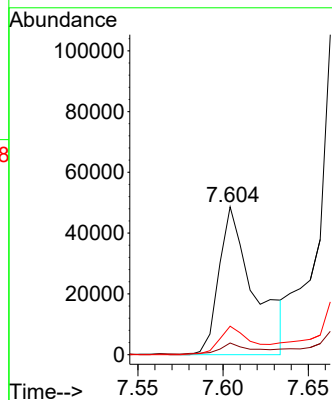
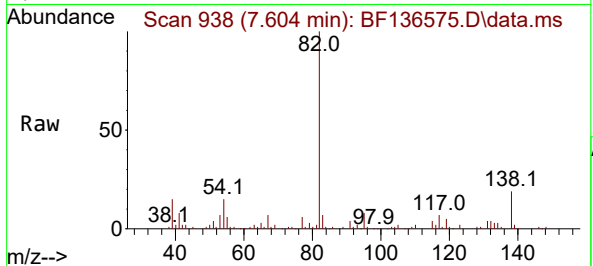




#25
Isophorone
Concen: 13.044 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

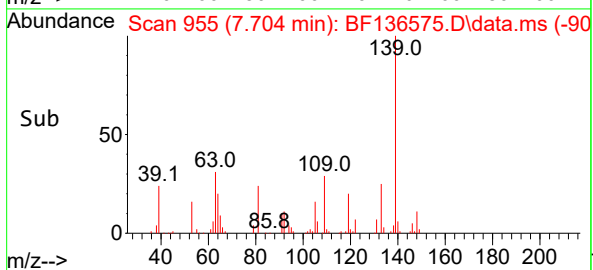
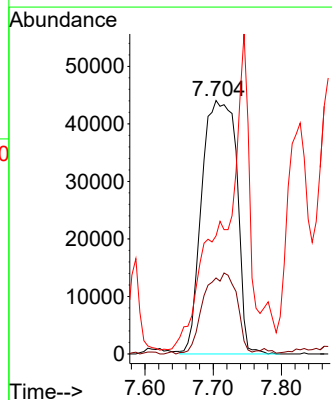
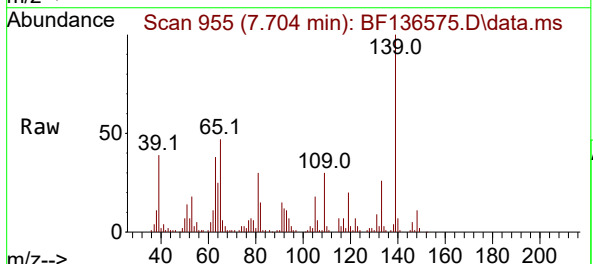
Instrument :
BNA_F
ClientSampleId :

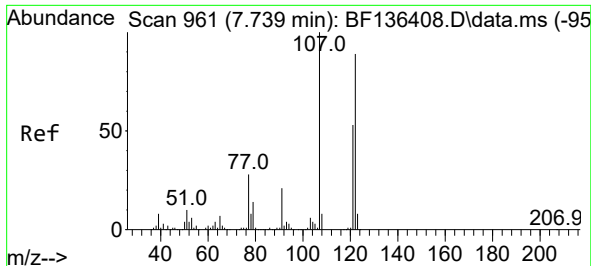
Tgt Ion: 82 Resp: 69474
Ion Ratio Lower Upper
82 100
95 7.9 5.7 8.5
138 19.3 14.5 21.7



#26
2-Nitrophenol
Concen: 106.530 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.018 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

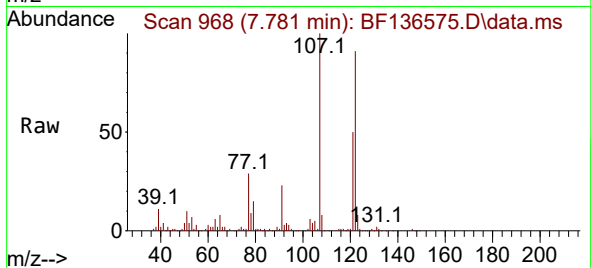
Tgt Ion:139 Resp: 156186
Ion Ratio Lower Upper
139 100
109 30.0 23.6 35.4
65 46.6 39.4 59.2



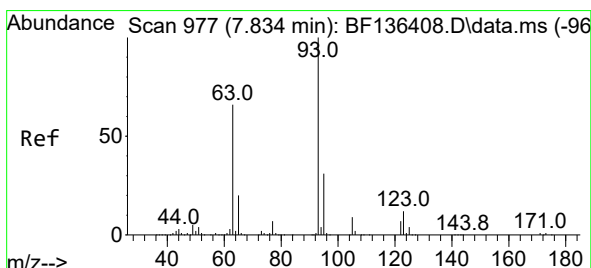
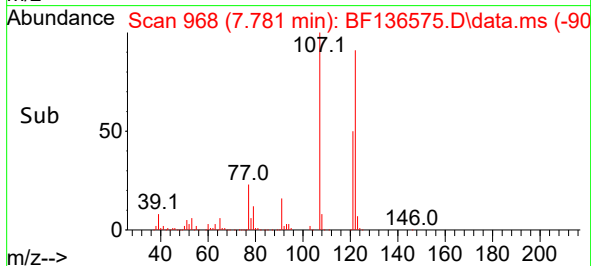
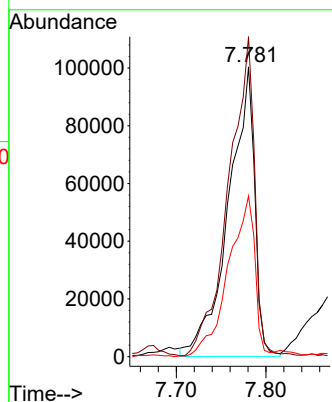


#27
2,4-Dimethylphenol
Concen: 111.896 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.053 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

Instrument :
BNA_F
ClientSampleId :

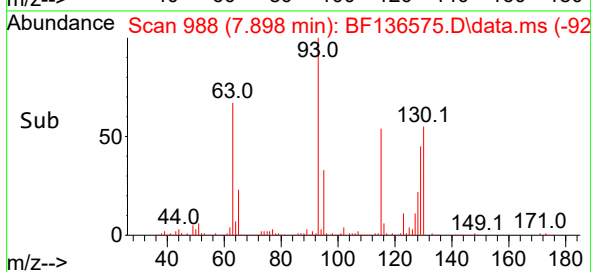
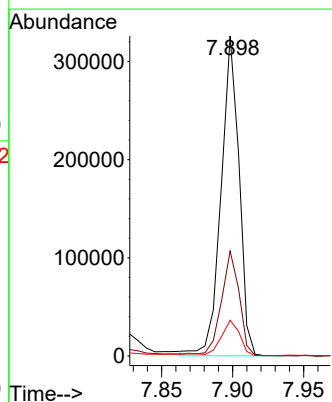
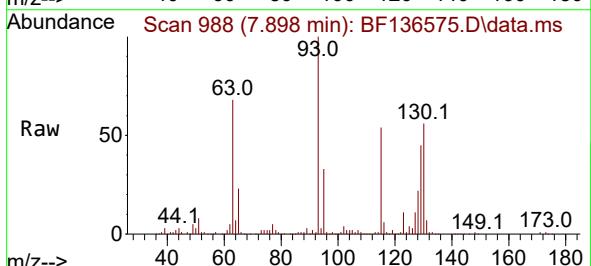


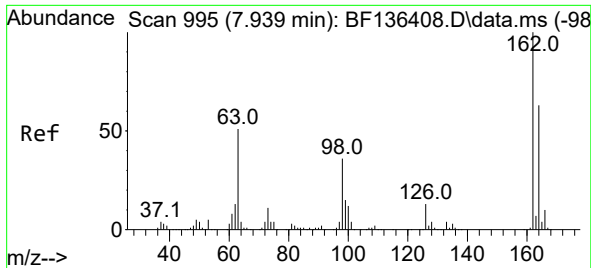
Tgt Ion:122 Resp: 202287
Ion Ratio Lower Upper
122 100
107 110.4 89.3 133.9
121 55.4 47.6 71.4



#28
bis(2-Chloroethoxy)methane
Concen: 87.425 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.076 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

Tgt Ion: 93 Resp: 286122
Ion Ratio Lower Upper
93 100
95 32.8 25.0 37.4
123 11.1 9.4 14.0

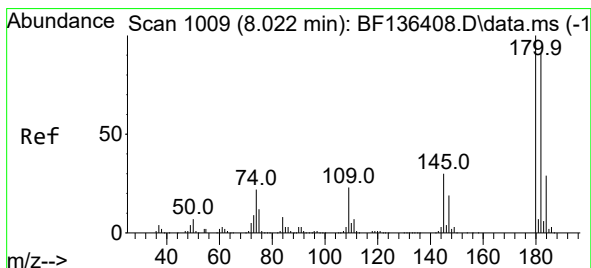
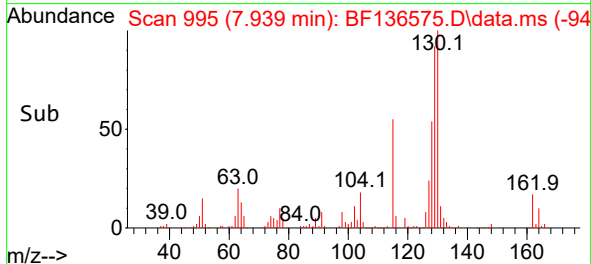
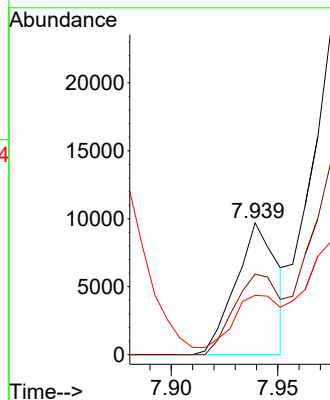
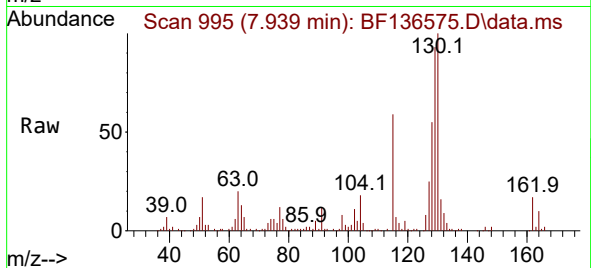




#29
2,4-Dichlorophenol
Concen: 5.472 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.012 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

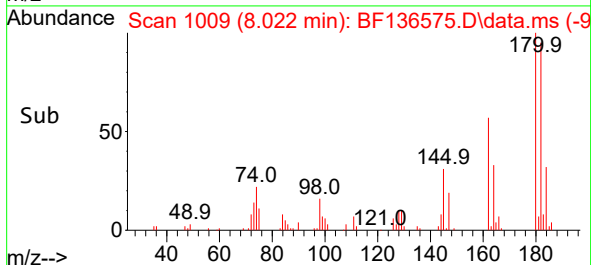
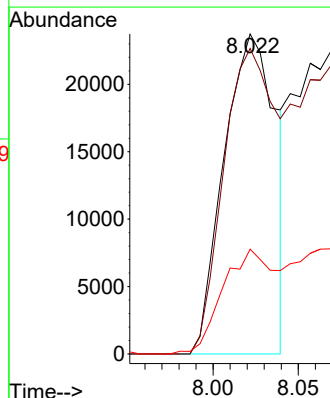
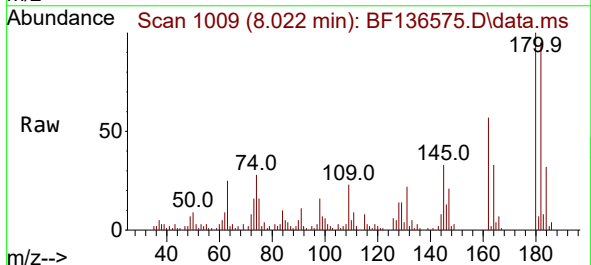
Instrument :
BNA_F
ClientSampleId :

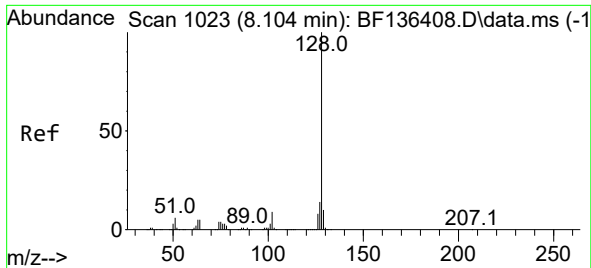
Tgt Ion:162 Resp: 13058
Ion Ratio Lower Upper
162 100
164 61.0 43.0 83.0
98 45.0 16.2 56.2



#30
1,2,4-Trichlorobenzene
Concen: 17.995 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.012 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

Tgt Ion:180 Resp: 50071
Ion Ratio Lower Upper
180 100
182 95.4 73.1 109.7
145 32.8 23.8 35.8

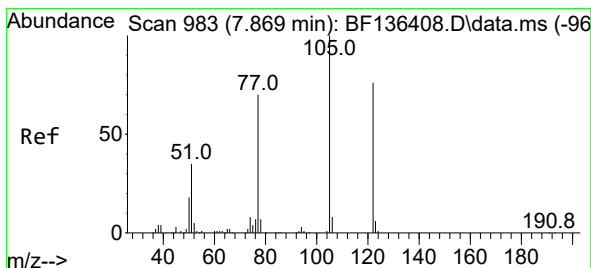
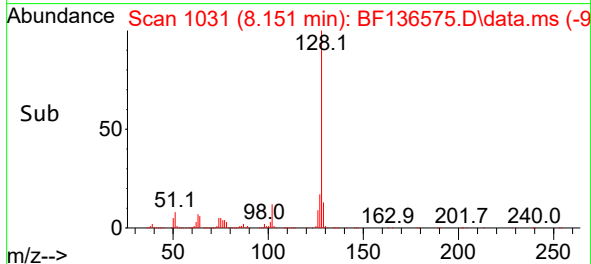
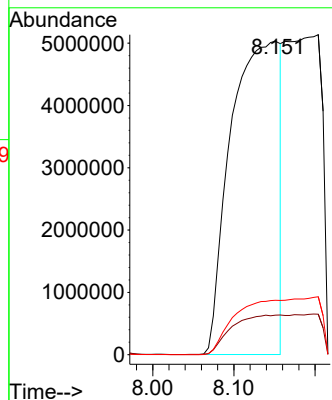
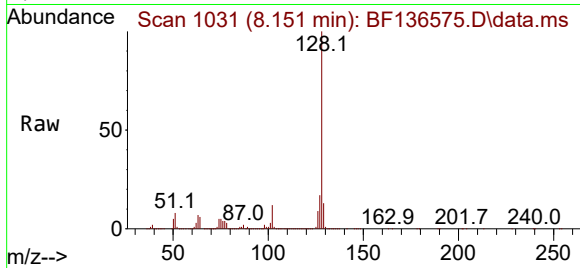




#31
Naphthalene
Concen: 2382.781 ng
RT: 8.151 min Scan# 1023
Delta R.T. 0.059 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

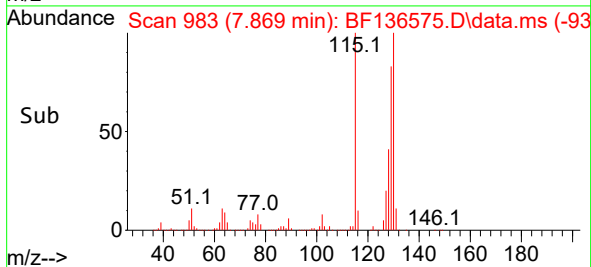
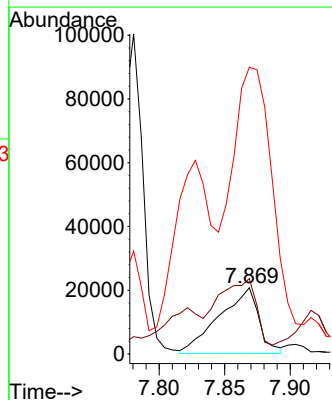
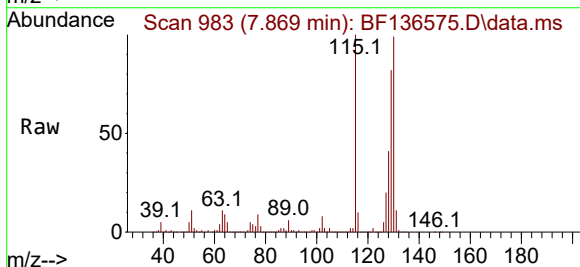
Instrument :
BNA_F
ClientSampleId :

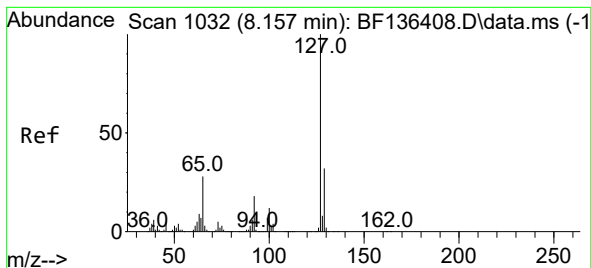
Tgt Ion:128 Resp:21058678
Ion Ratio Lower Upper
128 100
129 12.6 8.3 12.5#
127 17.3 11.1 16.7#



#32
Benzoic acid
Concen: 24.188 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

Tgt Ion:122 Resp: 43378
Ion Ratio Lower Upper
122 100
105 113.9 104.7 144.7
77 433.1 68.5 108.5#





#33

4-Chloroaniline

Concen: 1980.299 ng

RT: 8.204 min Scan# 1040

Delta R.T. 0.065 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 6239475

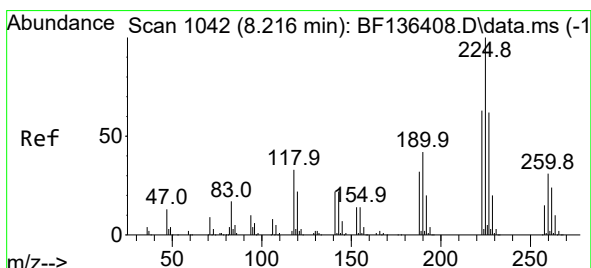
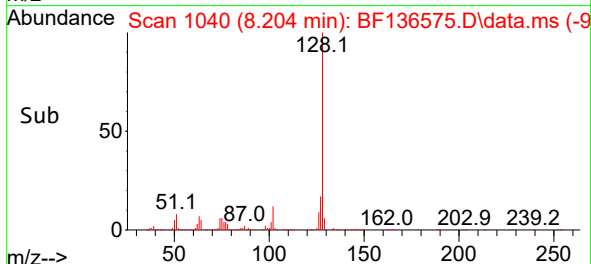
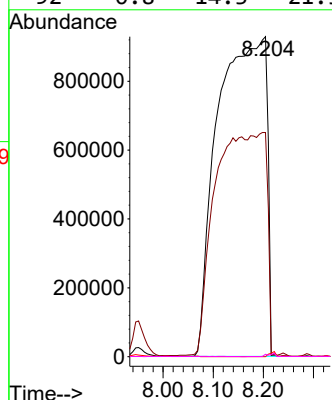
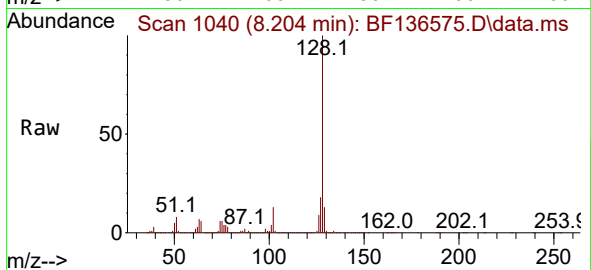
Ion Ratio Lower Upper

127 100

129 70.1 25.4 38.2#

65 0.0 22.5 33.7#

92 0.8 14.3 21.5#



#34

Hexachlorobutadiene

Concen: 86.788 ng

RT: 8.233 min Scan# 1045

Delta R.T. 0.029 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

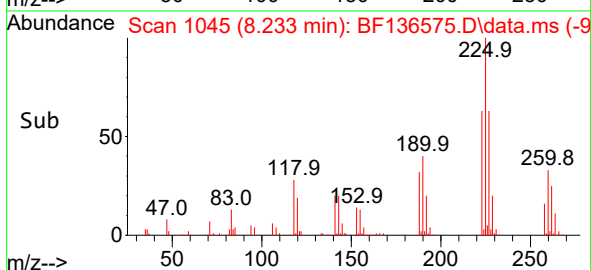
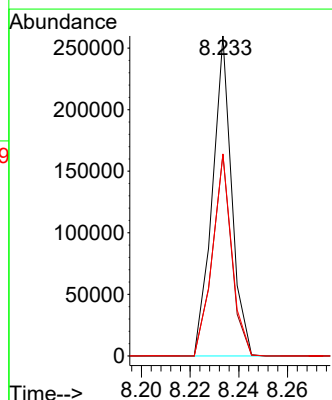
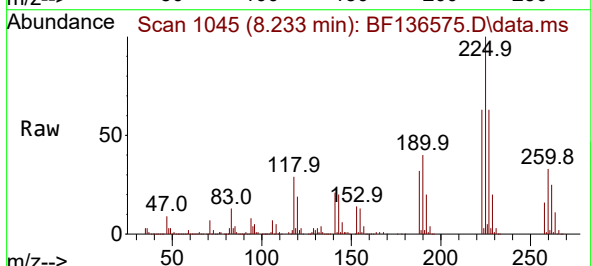
Tgt Ion:225 Resp: 143115

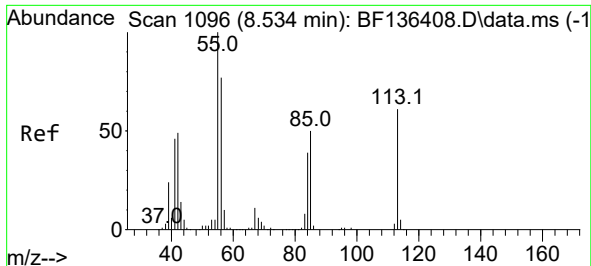
Ion Ratio Lower Upper

225 100

223 63.0 50.8 76.2

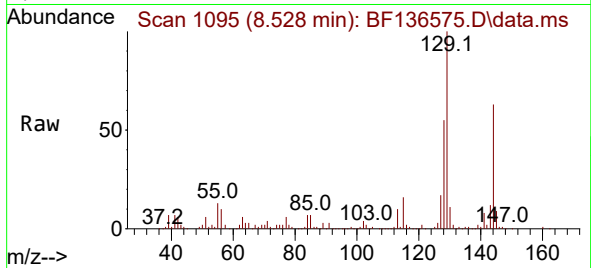
227 63.1 49.8 74.8



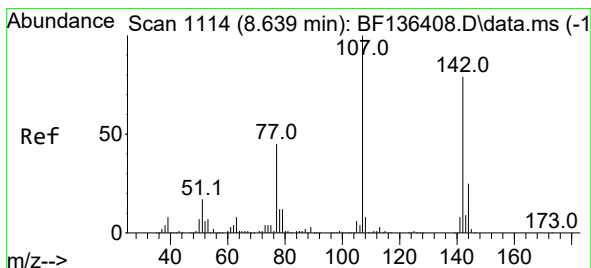
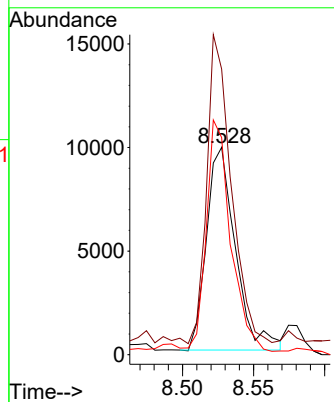
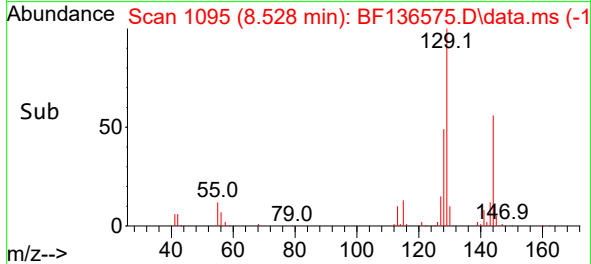


#35
 Caprolactam
 Concen: 18.931 ng
 RT: 8.528 min Scan# 1095
 Delta R.T. 0.006 min
 Lab File: BF136575.D
 Acq: 14 Dec 2023 18:48

Instrument :
 BNA_F
 ClientSampleId :

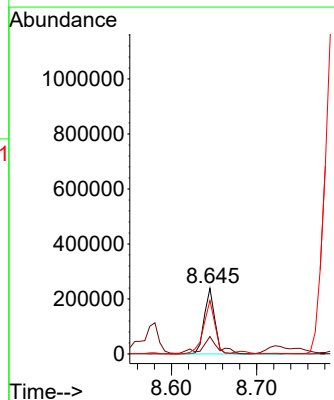
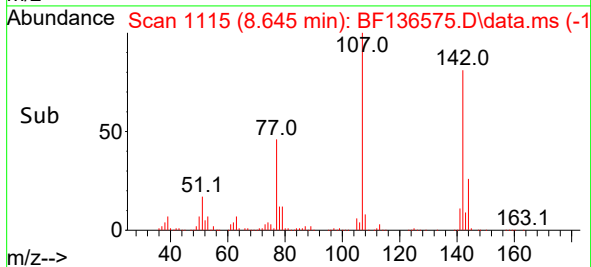
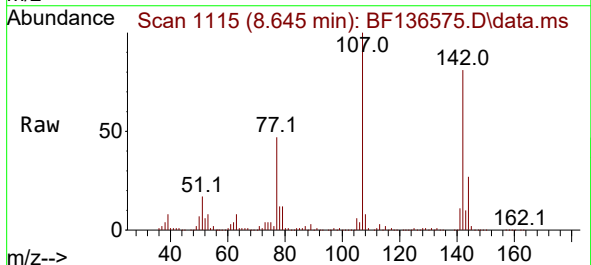


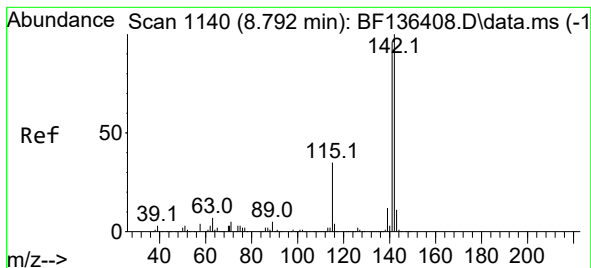
Tgt Ion:113 Resp: 13911
 Ion Ratio Lower Upper
 113 100
 55 137.8 143.7 183.7#
 56 104.7 105.2 145.2#



#36
 4-Chloro-3-methylphenol
 Concen: 80.026 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. 0.018 min
 Lab File: BF136575.D
 Acq: 14 Dec 2023 18:48

Tgt Ion:107 Resp: 202757
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.1 30.1
 142 81.4 63.1 94.7





#37

2-Methylnaphthalene

Concen: 1075.681 ng

RT: 8.816 min Scan# 1144

Delta R.T. 0.035 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

Instrument :

BNA_F

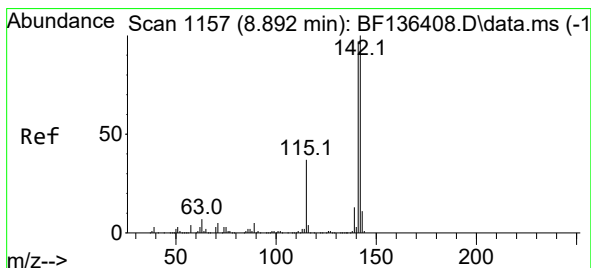
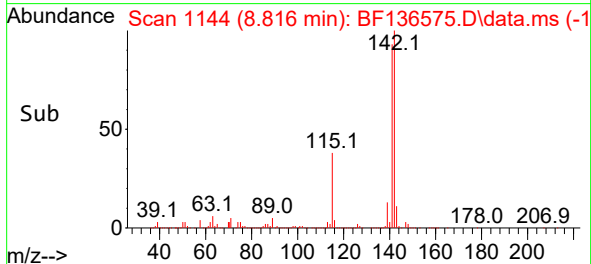
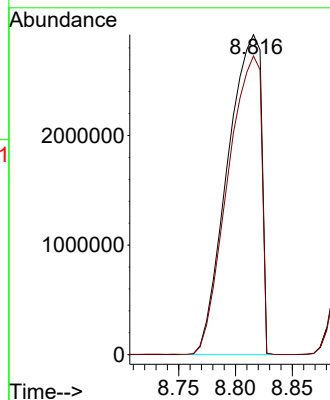
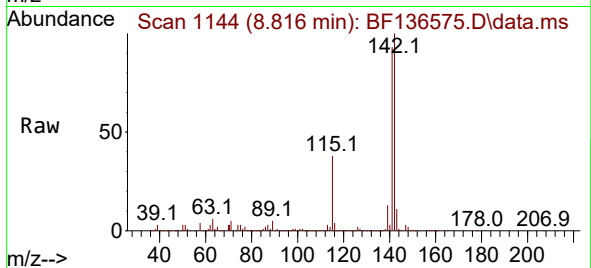
ClientSampleId :

Tgt Ion:142 Resp: 6048081

Ion Ratio Lower Upper

142 100

141 93.4 76.4 114.6



#38

1-Methylnaphthalene

Concen: 764.107 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.035 min

Lab File: BF136575.D

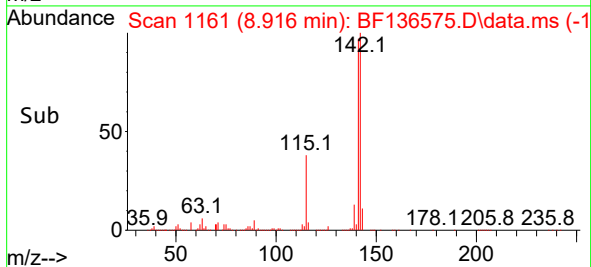
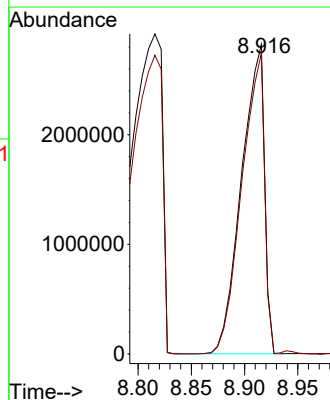
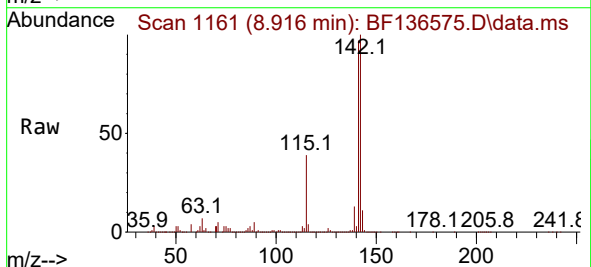
Acq: 14 Dec 2023 18:48

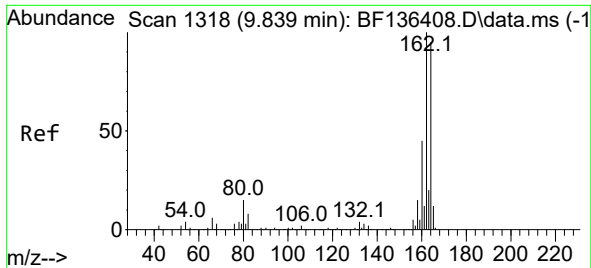
Tgt Ion:142 Resp: 4215803

Ion Ratio Lower Upper

142 100

141 97.2 77.7 116.5

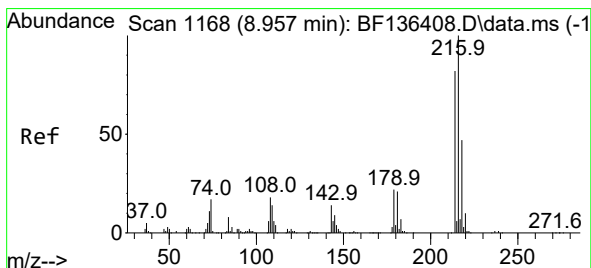
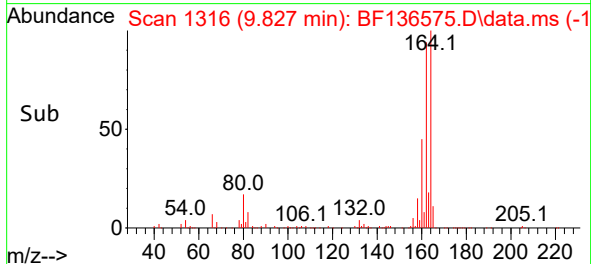
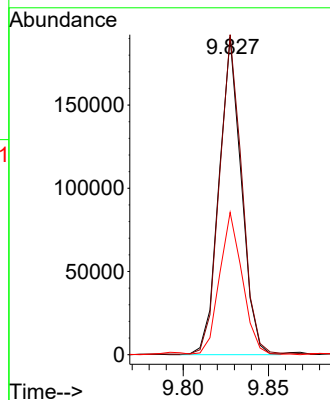
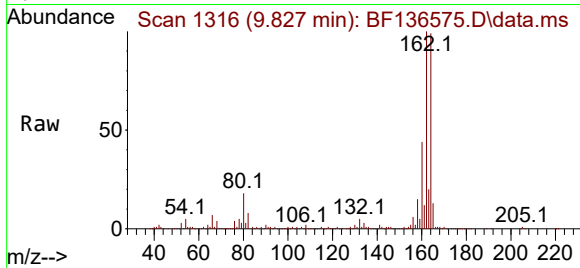




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1116
Delta R.T. -0.000 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

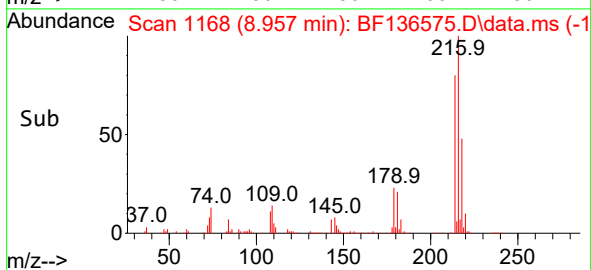
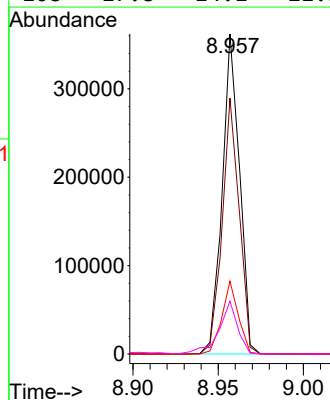
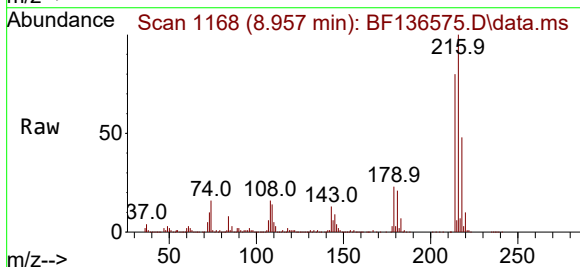
Instrument :
BNA_F
ClientSampleId :

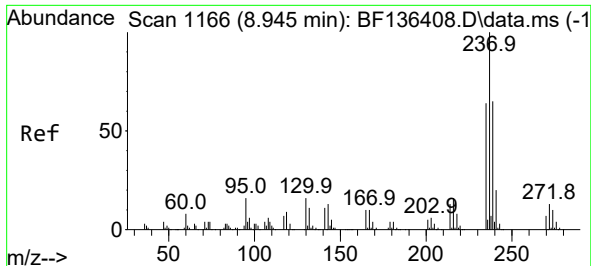
Tgt Ion:164 Resp: 173999
Ion Ratio Lower Upper
164 100
162 100.8 84.4 126.6
160 44.8 37.6 56.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.210 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.012 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

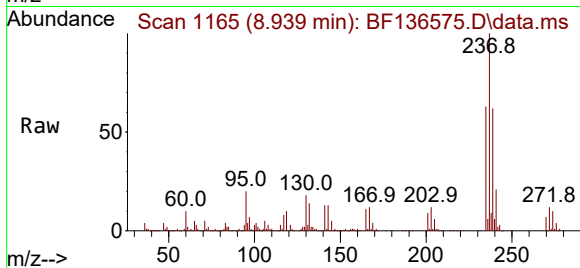
Tgt Ion:216 Resp: 255567
Ion Ratio Lower Upper
216 100
214 78.6 64.1 96.1
179 21.6 17.0 25.6
108 17.8 14.1 21.1



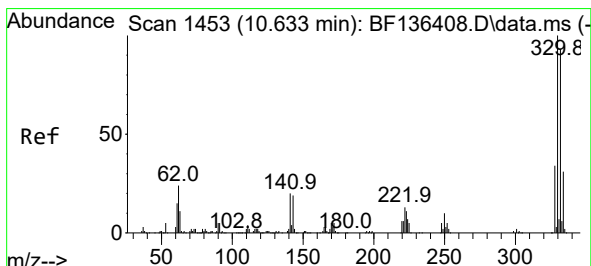
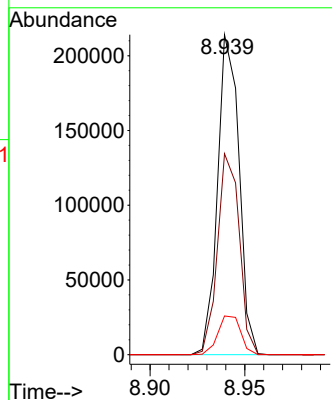
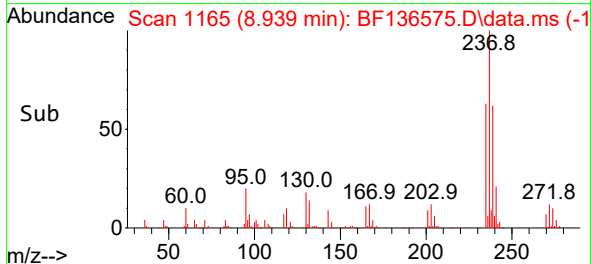


#41
Hexachlorocyclopentadiene
Concen: 84.077 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

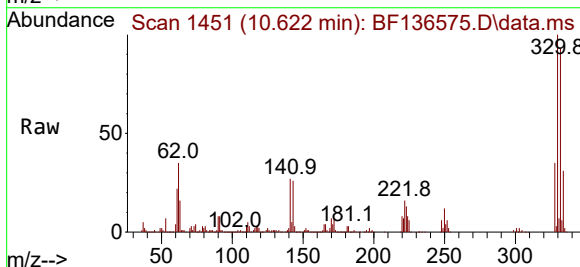
Instrument :
BNA_F
ClientSampleId :



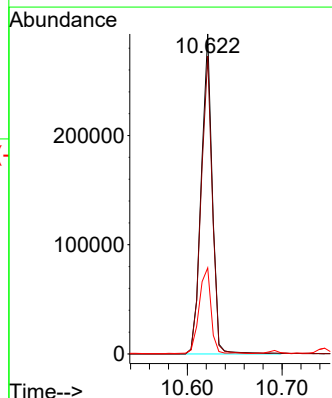
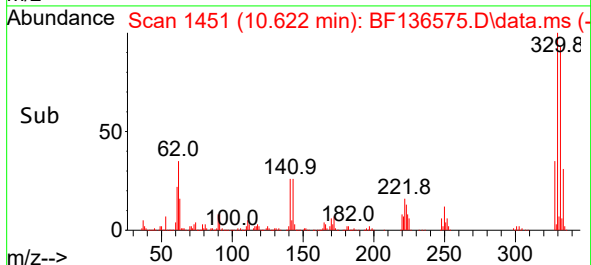
Tgt Ion:237 Resp: 168617
Ion Ratio Lower Upper
237 100
235 62.8 44.1 84.1
272 12.1 0.0 33.3

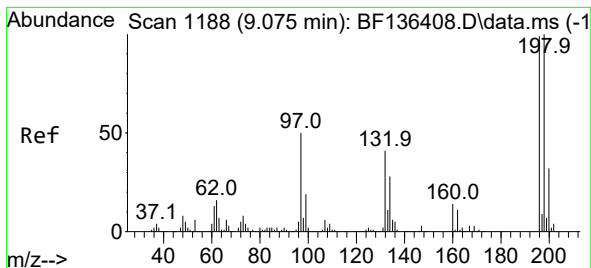


#42
2,4,6-Tribromophenol
Concen: 110.091 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48



Tgt Ion:330 Resp: 236191
Ion Ratio Lower Upper
330 100
332 94.7 76.4 114.6
141 29.3 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 43.445 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.006 min

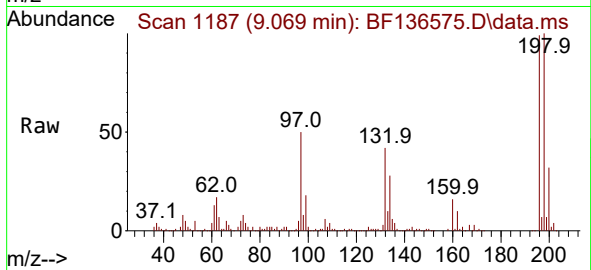
Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

Instrument :

BNA_F

ClientSampleId :



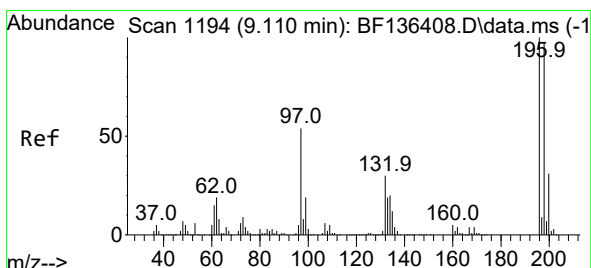
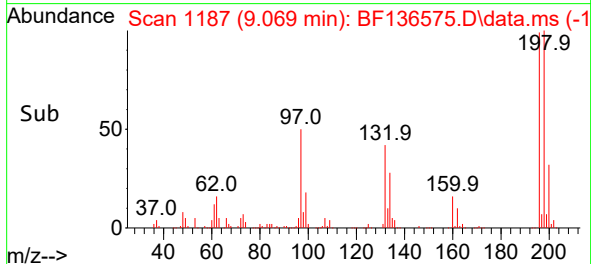
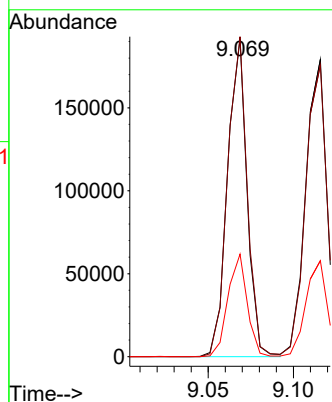
Tgt Ion:196 Resp: 153135

Ion Ratio Lower Upper

196 100

198 100.6 80.4 120.6

200 32.3 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 40.457 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.012 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

Tgt Ion:196 Resp: 159158

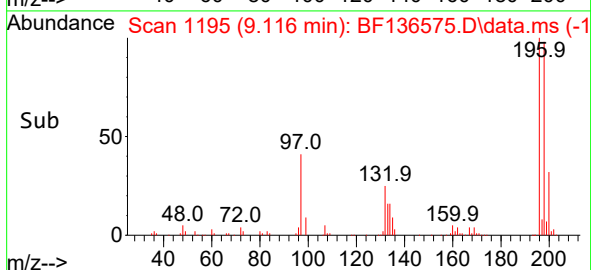
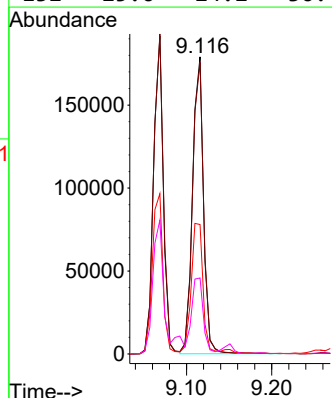
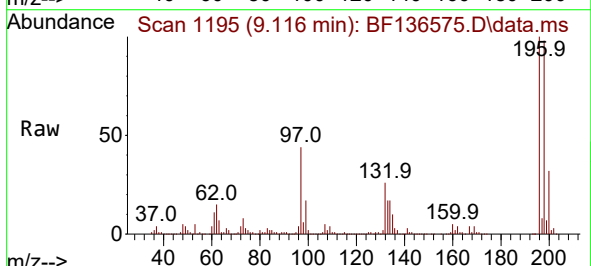
Ion Ratio Lower Upper

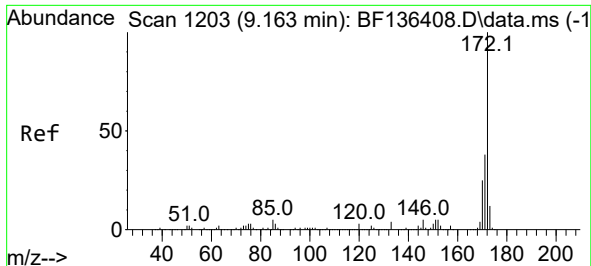
196 100

198 98.2 78.1 117.1

97 43.6 43.4 65.2

132 25.6 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 85.994 ng

RT: 9.151 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

Instrument :

BNA_F

ClientSampleId :

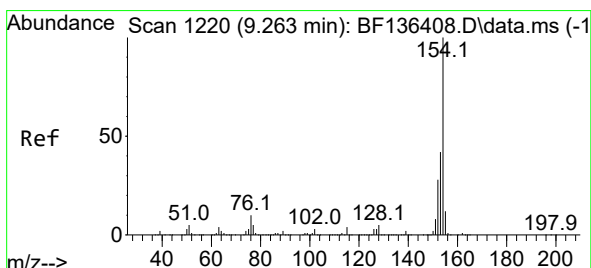
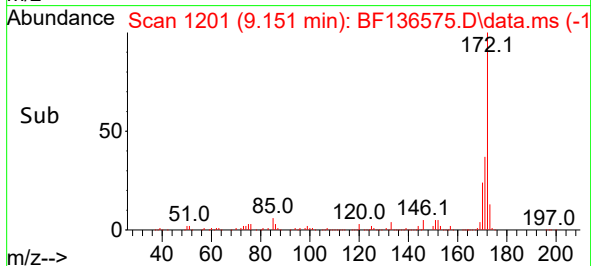
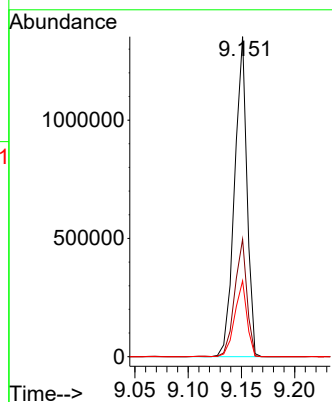
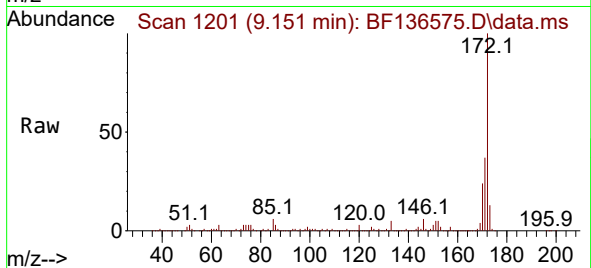
Tgt Ion:172 Resp: 1096587

Ion Ratio Lower Upper

172 100

171 36.7 30.5 45.7

170 23.7 19.9 29.9



#46

1,1'-Biphenyl

Concen: 90.627 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.012 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

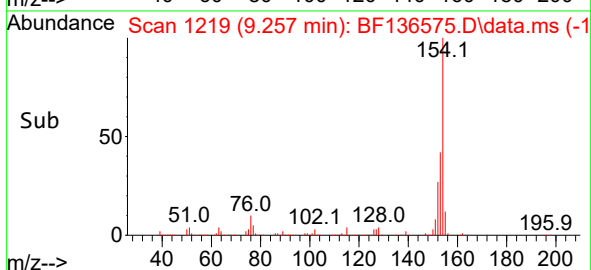
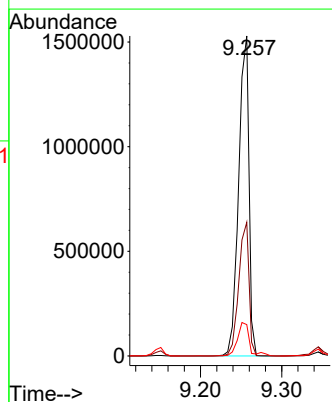
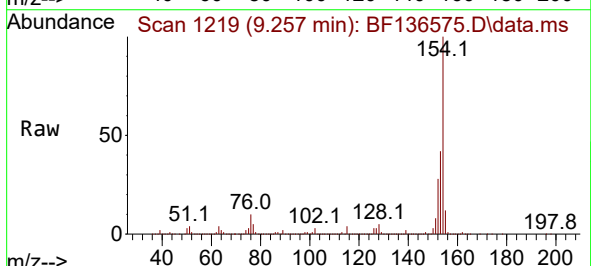
Tgt Ion:154 Resp: 1341785

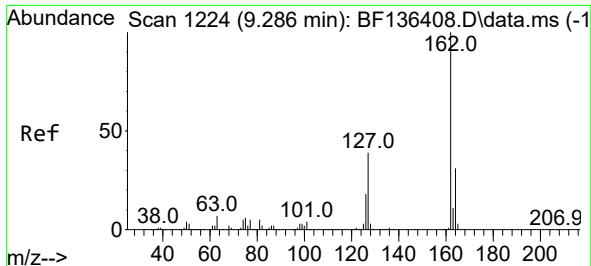
Ion Ratio Lower Upper

154 100

153 41.7 22.5 62.5

76 9.8 0.0 29.9

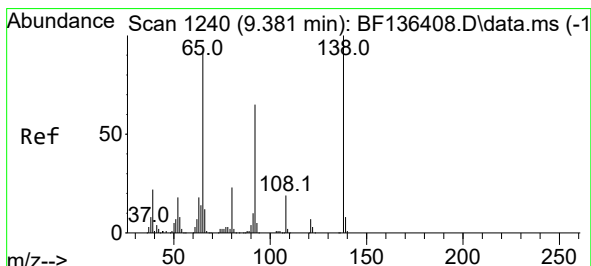
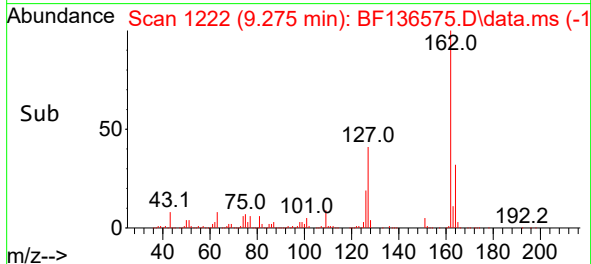
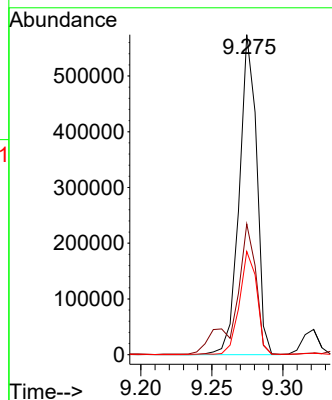
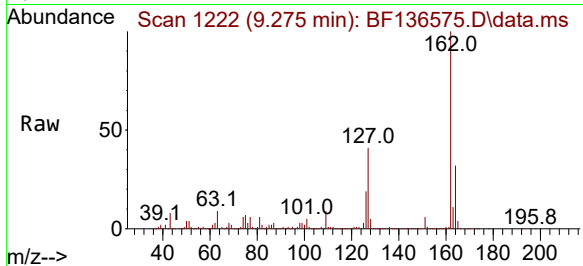




#47
2-Chloronaphthalene
Concen: 42.646 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

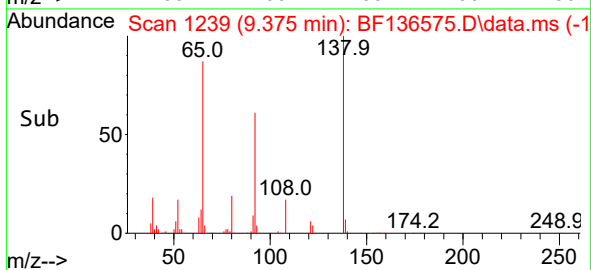
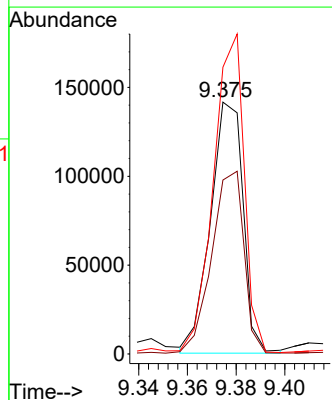
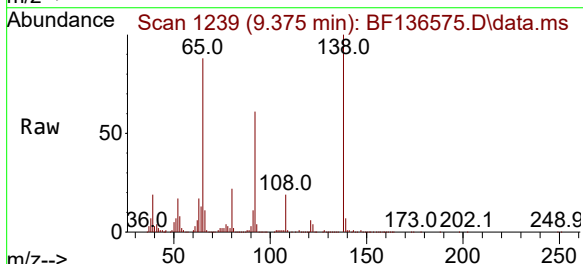
Instrument :
BNA_F
ClientSampleId :

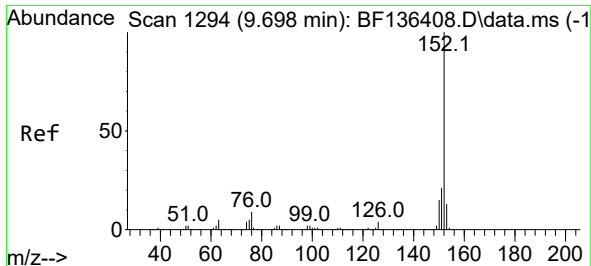
Tgt Ion:162 Resp: 491430
Ion Ratio Lower Upper
162 100
127 40.8 31.1 46.7
164 32.2 24.6 37.0



#48
2-Nitroaniline
Concen: 42.664 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

Tgt Ion: 65 Resp: 131860
Ion Ratio Lower Upper
65 100
92 69.1 56.1 84.1
138 113.8 86.7 130.1





#49

Acenaphthylene

Concen: 51.665 ng

RT: 9.692 min Scan# 1294

Delta R.T. 0.006 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

Instrument :

BNA_F

ClientSampleId :

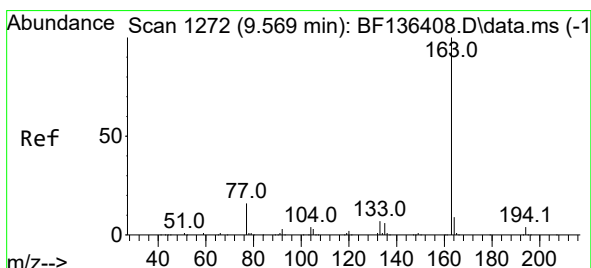
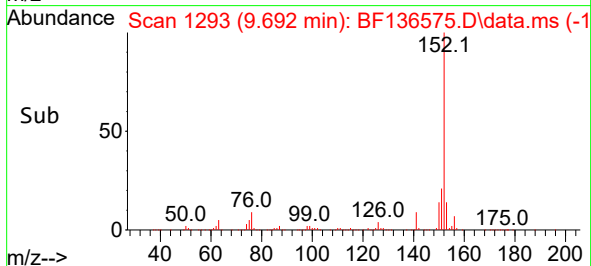
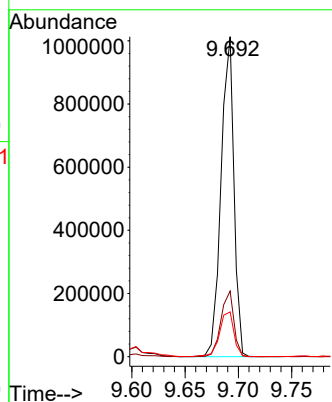
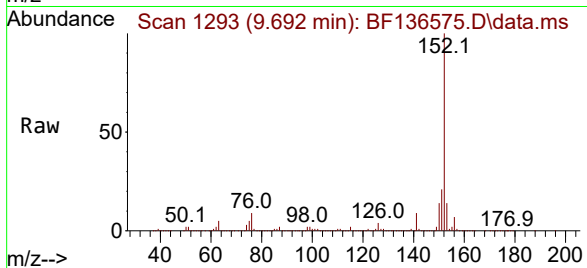
Tgt Ion:152 Resp: 848100

Ion Ratio Lower Upper

152 100

151 20.5 17.2 25.8

153 14.0 10.6 15.8



#50

Dimethylphthalate

Concen: 45.001 ng

RT: 9.557 min Scan# 1270

Delta R.T. 0.006 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

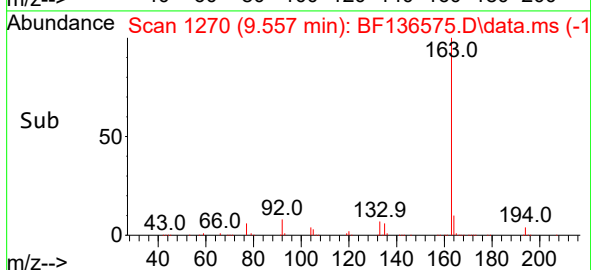
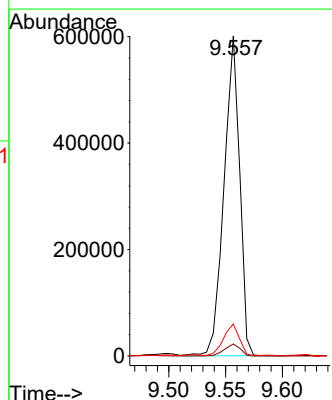
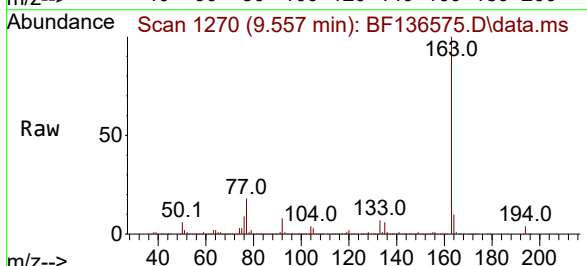
Tgt Ion:163 Resp: 576486

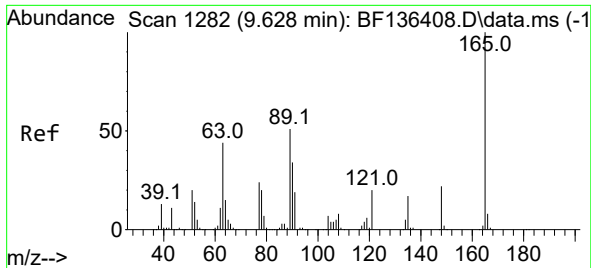
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.0 7.4 11.2

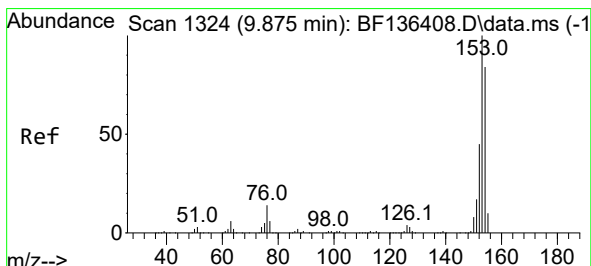
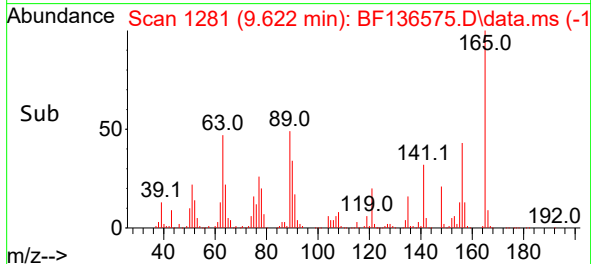
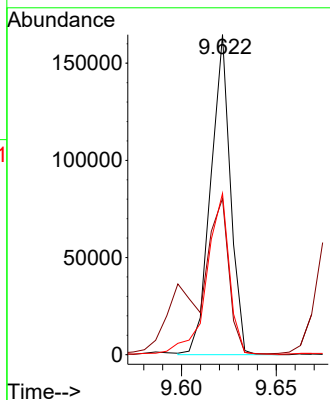
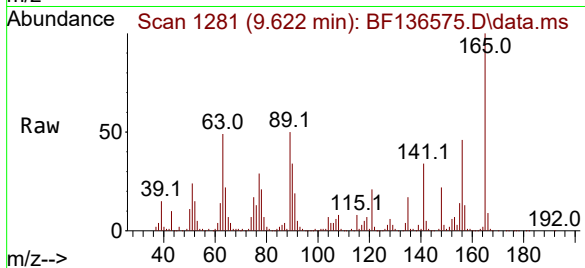




#51
2,6-Dinitrotoluene
Concen: 41.436 ng
RT: 9.622 min Scan# 119419
Delta R.T. 0.006 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

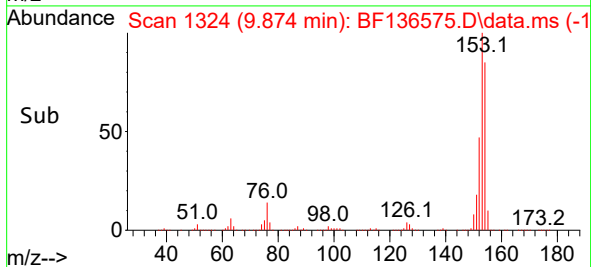
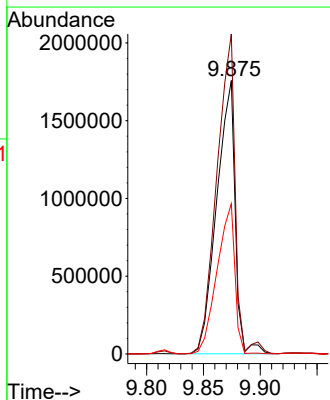
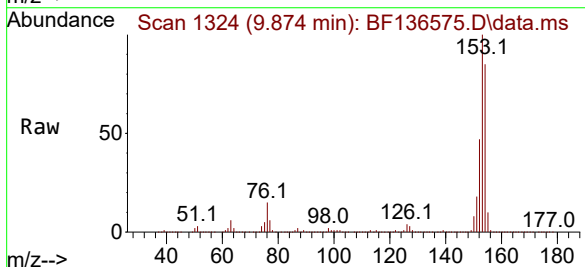
Instrument :
BNA_F
ClientSampleId :

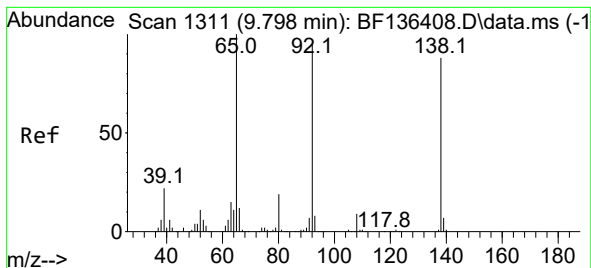
Tgt Ion:165 Resp: 119419
Ion Ratio Lower Upper
165 100
63 48.8 40.4 60.6
89 50.4 40.6 60.8



#52
Acenaphthene
Concen: 189.528 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.012 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

Tgt Ion:154 Resp: 1993685
Ion Ratio Lower Upper
154 100
153 117.0 95.3 142.9
152 55.0 43.2 64.8





#53

3-Nitroaniline

Concen: 29.700 ng

RT: 9.792 min Scan# 1311

Delta R.T. 0.006 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

Instrument :

BNA_F

ClientSampleId :

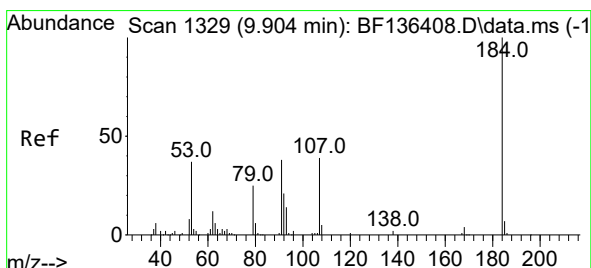
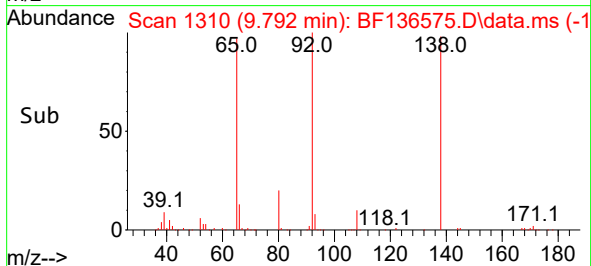
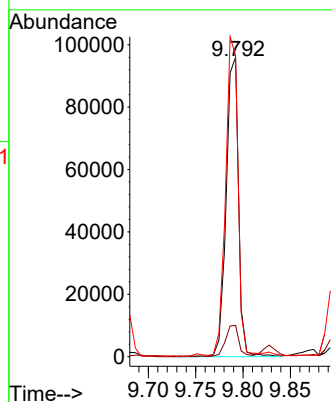
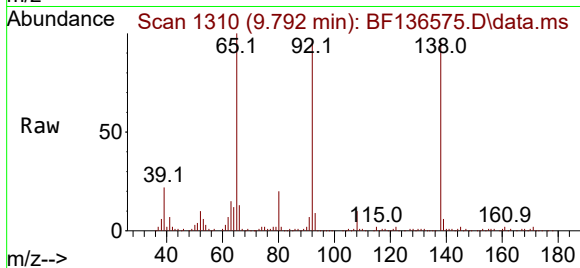
Tgt Ion:138 Resp: 87407

Ion Ratio Lower Upper

138 100

108 10.5 8.5 12.7

92 100.5 86.1 129.1



#54

2,4-Dinitrophenol

Concen: 50.358 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.000 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

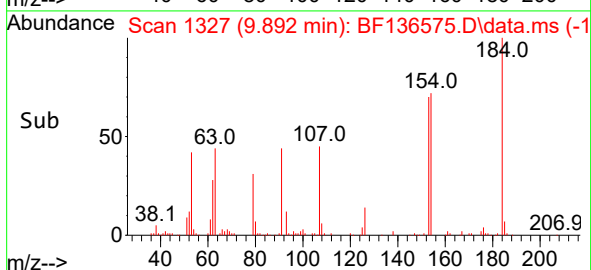
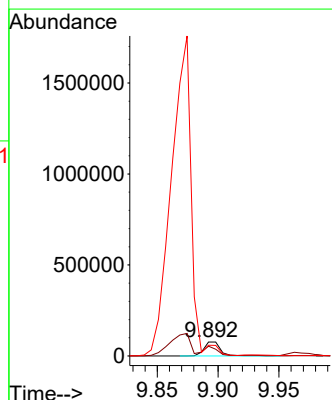
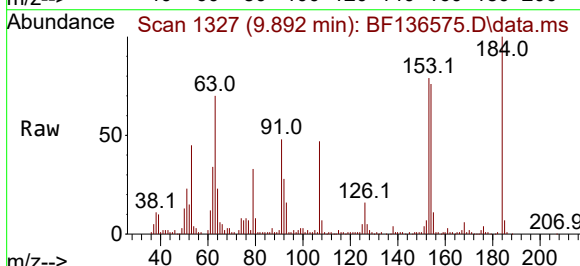
Tgt Ion:184 Resp: 73378

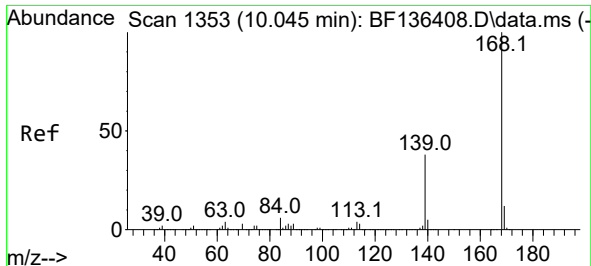
Ion Ratio Lower Upper

184 100

63 69.9 39.1 58.7#

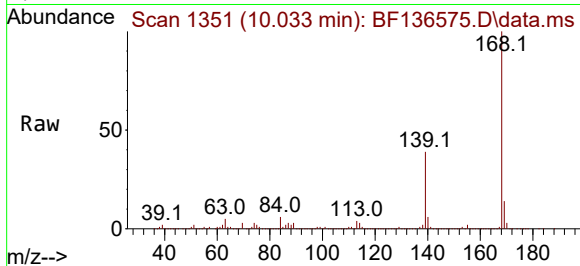
154 76.5 49.9 74.9#



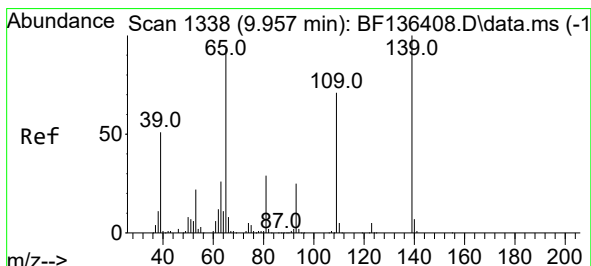
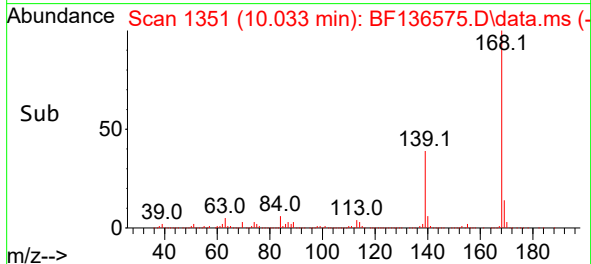
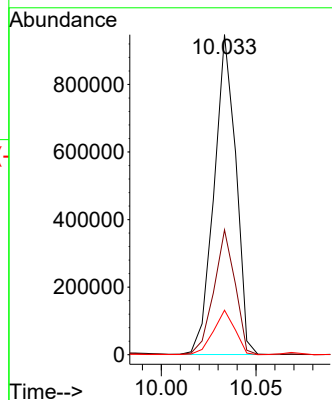


#55
Dibenzofuran
Concen: 49.221 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

Instrument :
BNA_F
ClientSampleId :

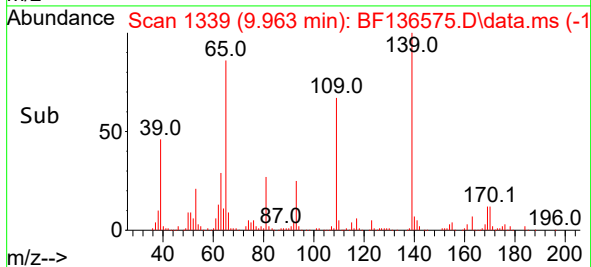
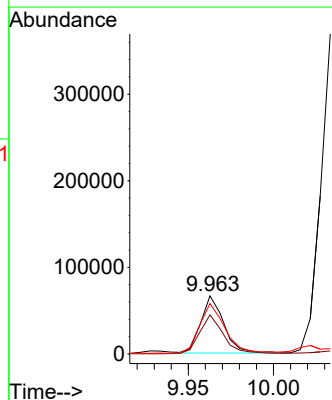
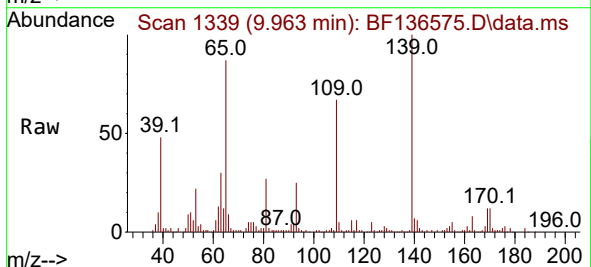


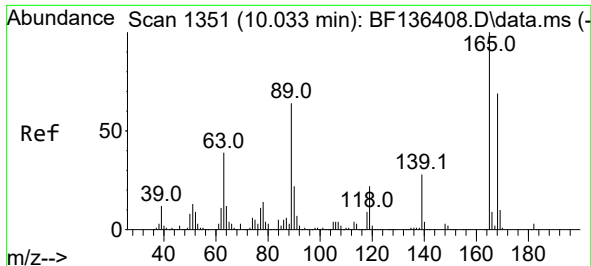
Tgt Ion:168 Resp: 756396
Ion Ratio Lower Upper
168 100
139 39.0 30.4 45.6
169 13.9 9.9 14.9



#56
4-Nitrophenol
Concen: 27.876 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

Tgt Ion:139 Resp: 61500
Ion Ratio Lower Upper
139 100
109 67.3 50.6 90.6
65 86.8 73.1 113.1





#57

2,4-Dinitrotoluene

Concen: 42.659 ng

RT: 10.022 min Scan# 1

Delta R.T. -0.000 min

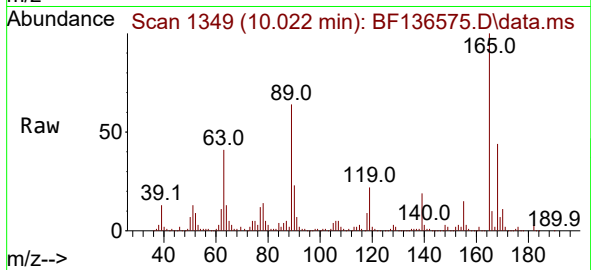
Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:165 Resp: 162637

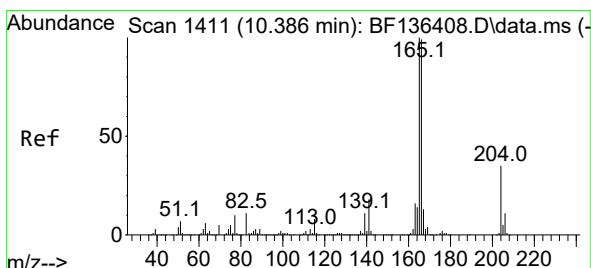
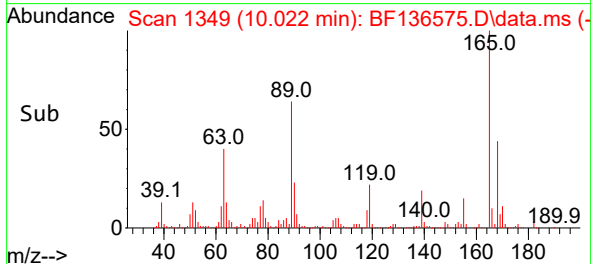
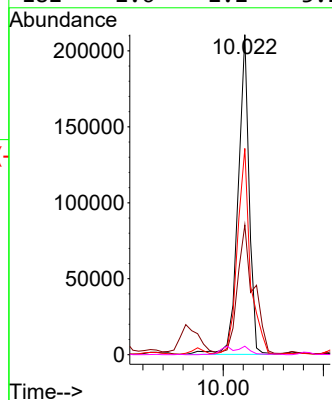
Ion Ratio Lower Upper

165 100

63 40.5 31.4 47.2

89 64.4 51.7 77.5

182 2.6 2.2 3.2



#58

Fluorene

Concen: 78.821 ng

RT: 10.380 min Scan# 1410

Delta R.T. 0.006 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

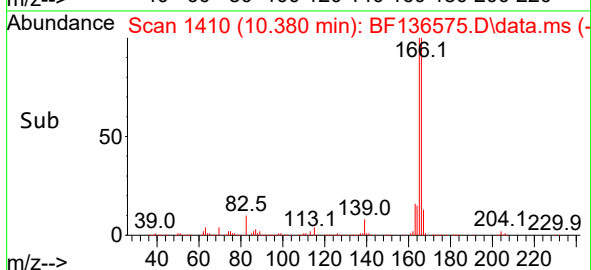
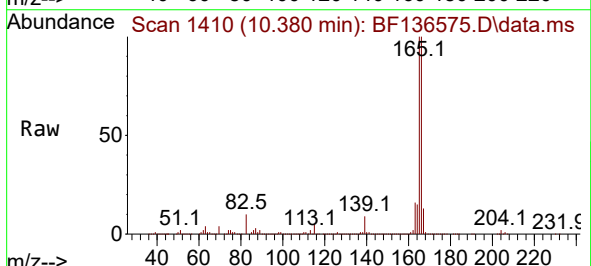
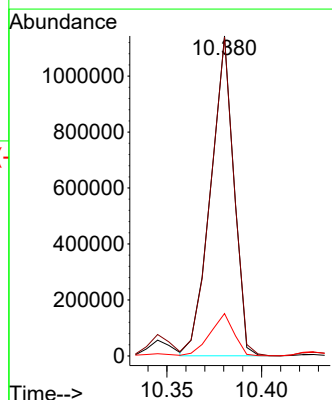
Tgt Ion:166 Resp: 972319

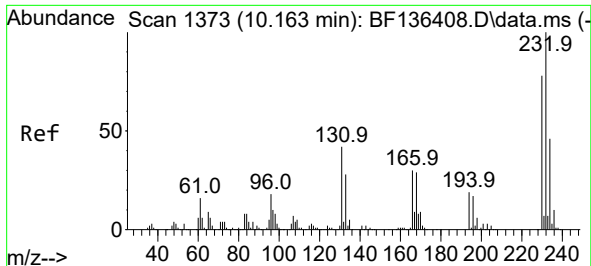
Ion Ratio Lower Upper

166 100

165 99.6 80.5 120.7

167 13.3 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.899 ng

RT: 10.157 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:232 Resp: 128882

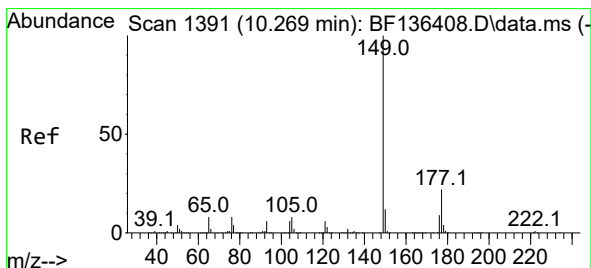
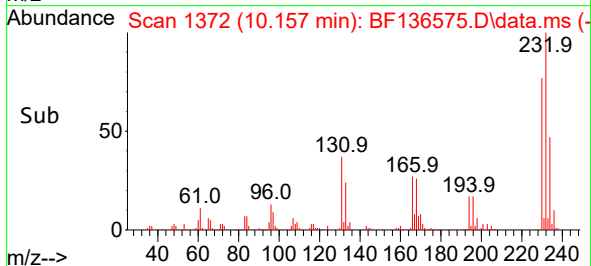
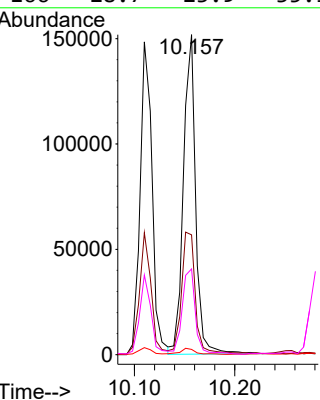
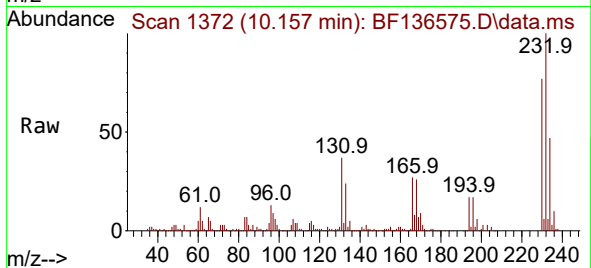
Ion Ratio Lower Upper

232 100

131 43.0 34.3 51.5

130 2.3 1.6 2.4

166 28.7 23.9 35.9



#60

Diethylphthalate

Concen: 41.981 ng

RT: 10.251 min Scan# 1388

Delta R.T. -0.000 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

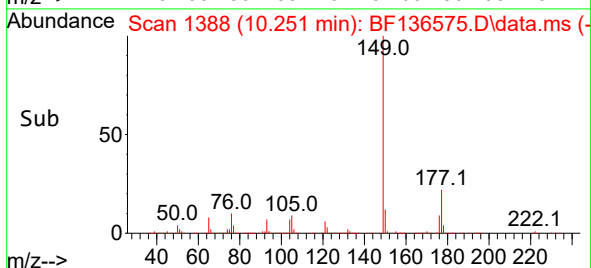
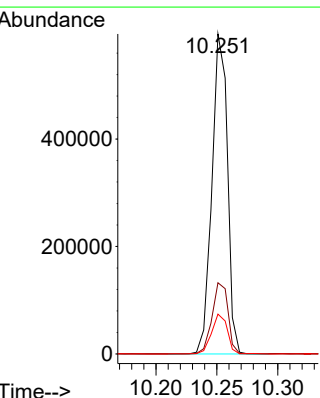
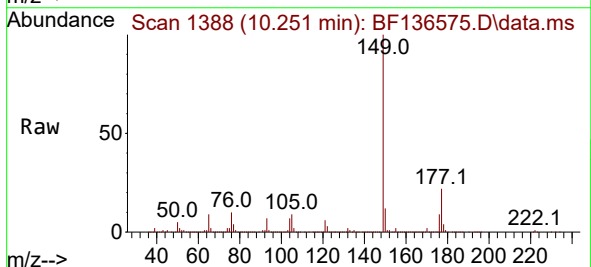
Tgt Ion:149 Resp: 528825

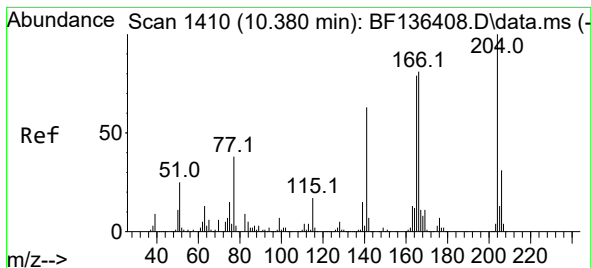
Ion Ratio Lower Upper

149 100

177 22.3 17.8 26.8

150 12.5 9.4 14.0

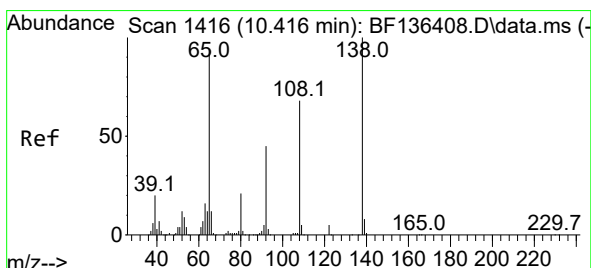
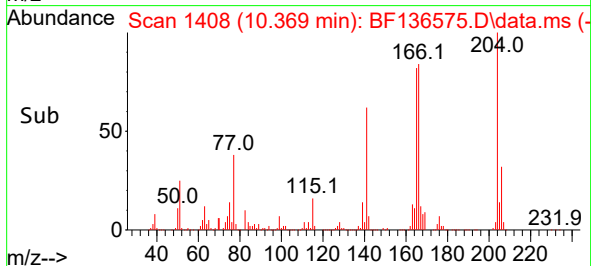
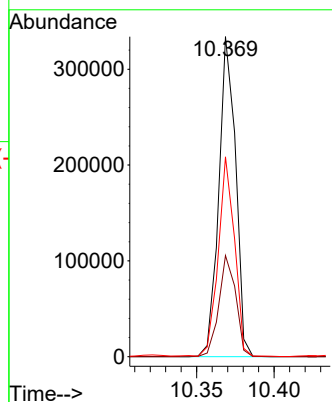
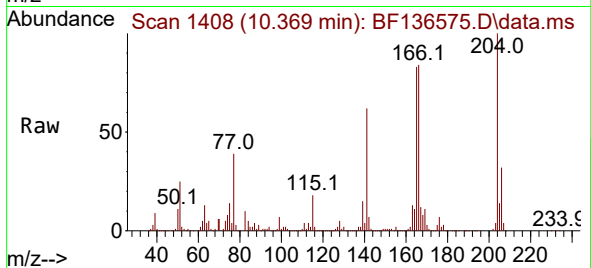




#61
4-Chlorophenyl-phenylether
Concen: 41.855 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

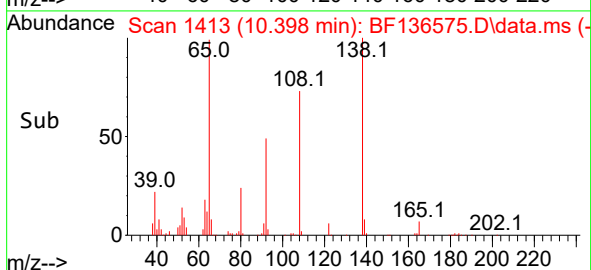
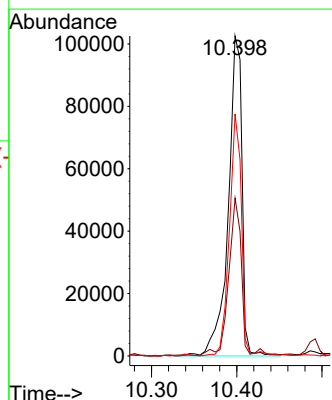
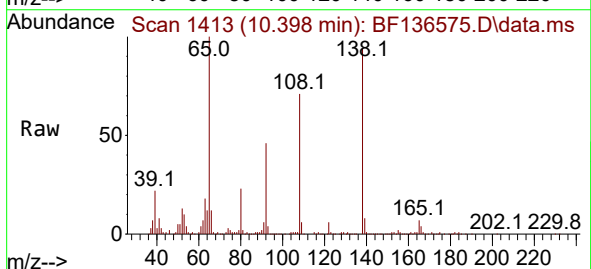
Instrument :
BNA_F
ClientSampleId :

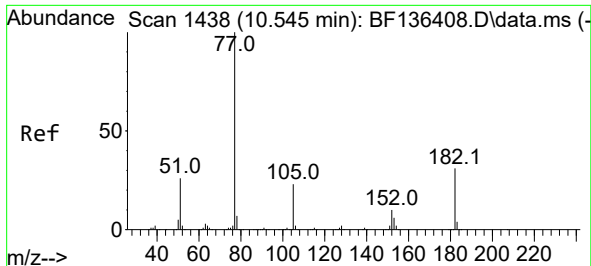
Tgt Ion:204 Resp: 251699
Ion Ratio Lower Upper
204 100
206 31.6 24.6 36.8
141 62.5 50.3 75.5



#62
4-Nitroaniline
Concen: 39.413 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

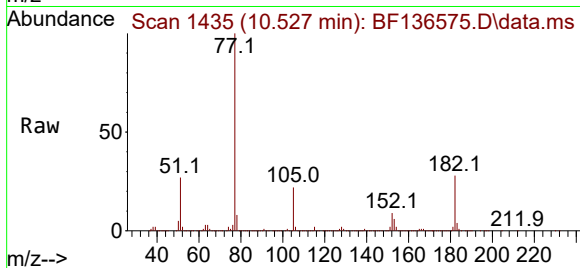
Tgt Ion:138 Resp: 115176
Ion Ratio Lower Upper
138 100
92 49.3 25.0 65.0
108 75.7 47.9 87.9



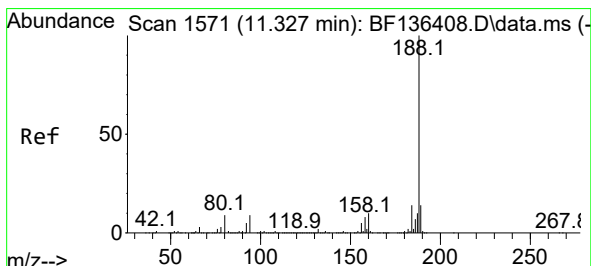
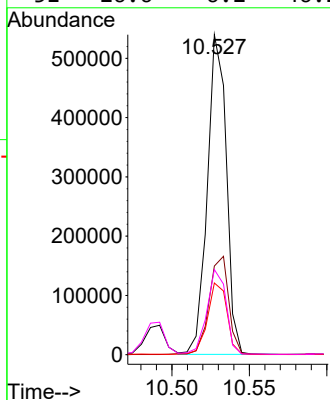
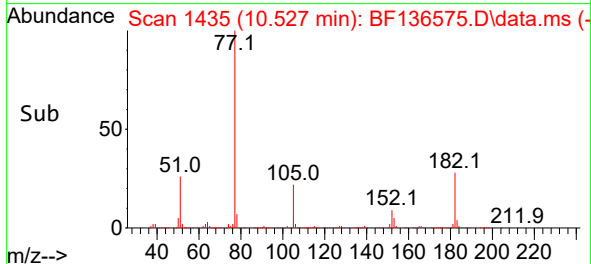


#63
Azobenzene
Concen: 40.109 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

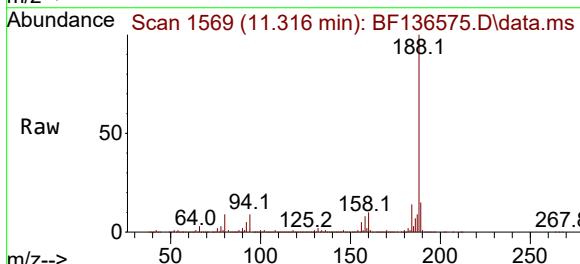
Instrument :
BNA_F
ClientSampleId :



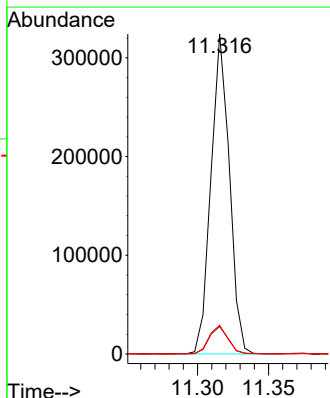
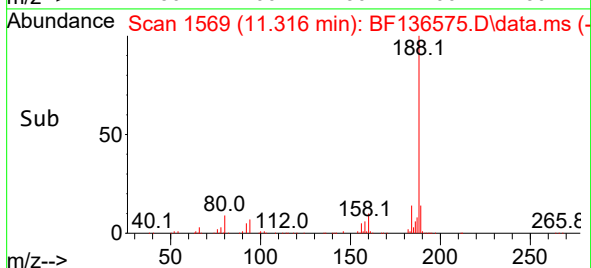
Tgt Ion: 77 Resp: 459876
Ion Ratio Lower Upper
77 100
182 27.7 10.8 50.8
105 22.4 2.6 42.6
51 26.6 6.2 46.2

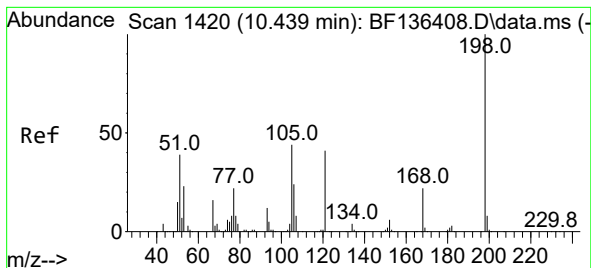


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48



Tgt Ion: 188 Resp: 293286
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 9.0 7.2 10.8

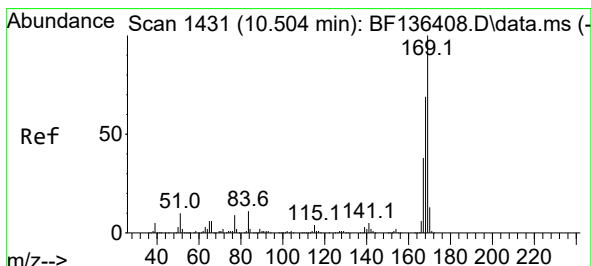
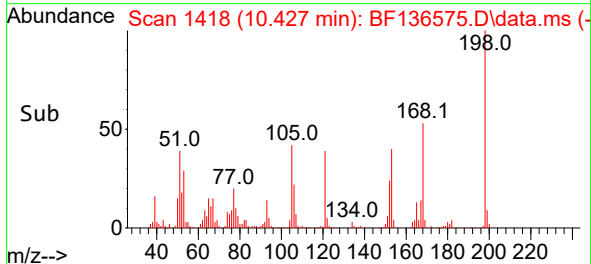
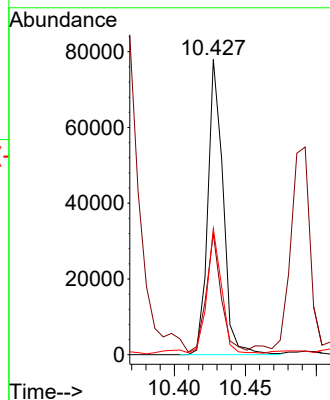
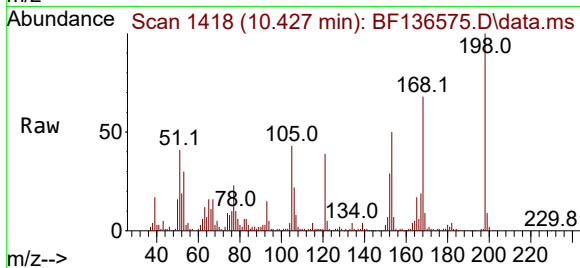




#65
4,6-Dinitro-2-methylphenol
Concen: 32.122 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

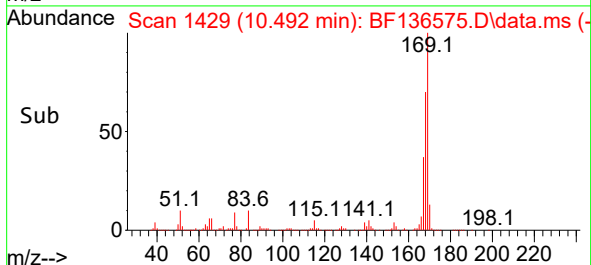
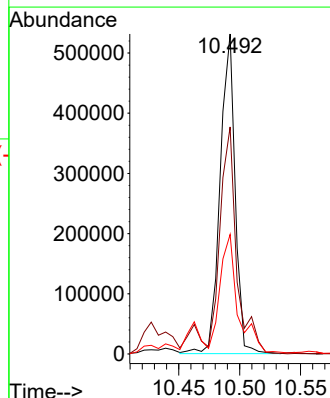
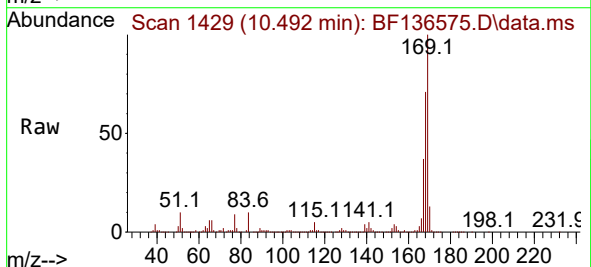
Instrument :
BNA_F
ClientSampleId :

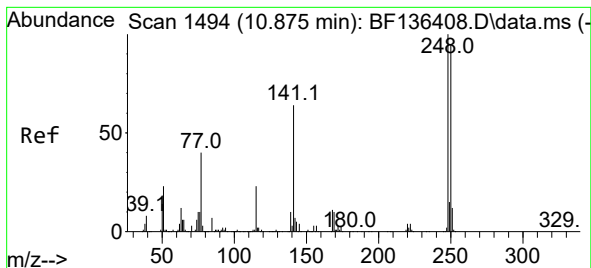
Tgt Ion:198 Resp: 58345
Ion Ratio Lower Upper
198 100
51 41.0 24.1 64.1
105 42.7 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 48.408 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

Tgt Ion:169 Resp: 455564
Ion Ratio Lower Upper
169 100
168 70.9 55.3 82.9
167 37.4 30.1 45.1

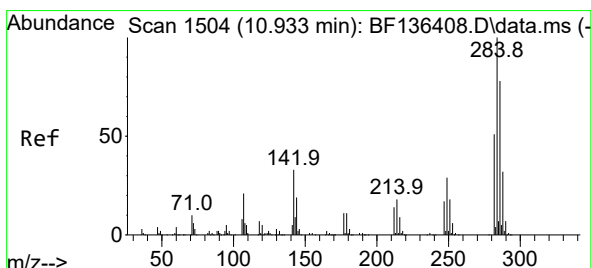
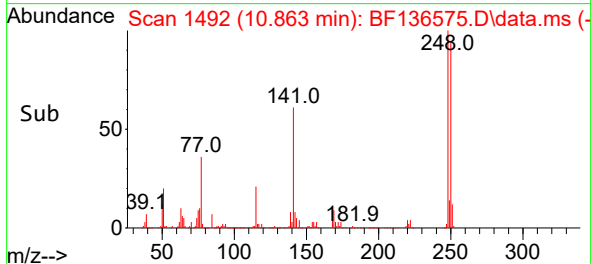
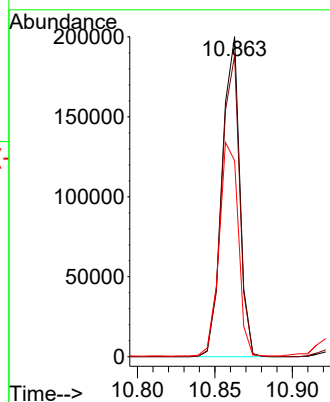
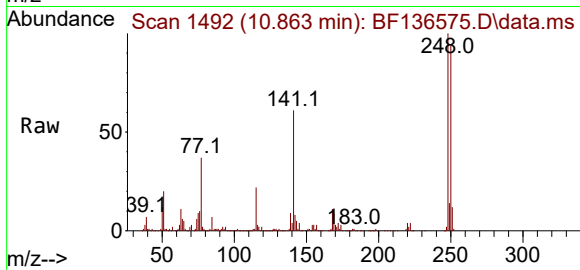




#67
4-Bromophenyl-phenylether
Concen: 46.548 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

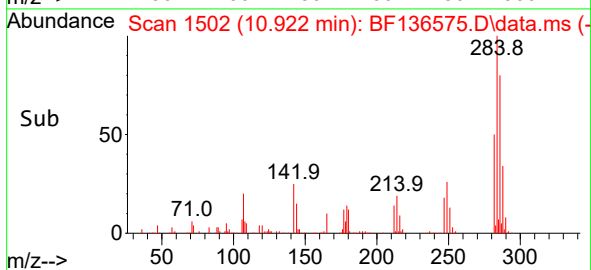
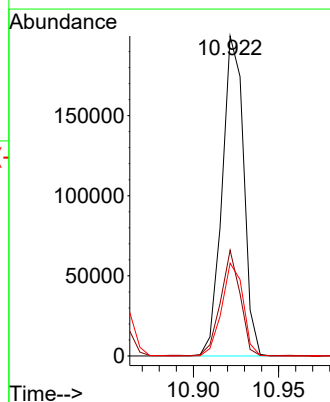
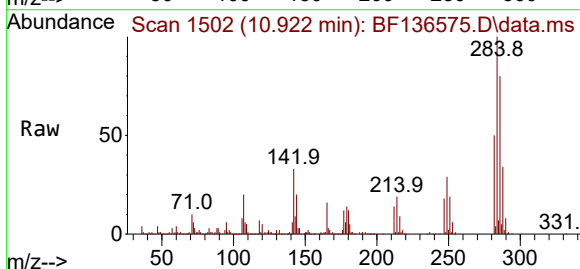
Instrument :
BNA_F
ClientSampleId :

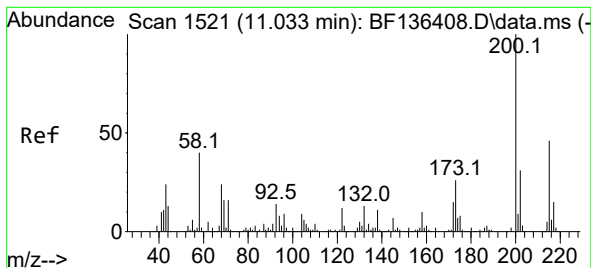
Tgt Ion:248 Resp: 158726
Ion Ratio Lower Upper
248 100
250 94.1 76.2 114.2
141 61.3 51.0 76.4



#68
Hexachlorobenzene
Concen: 44.442 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

Tgt Ion:284 Resp: 175151
Ion Ratio Lower Upper
284 100
142 33.0 26.5 39.7
249 29.0 23.4 35.0





#69

Atrazine

Concen: 55.162 ng

RT: 11.027 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

Instrument :

BNA_F

ClientSampleId :

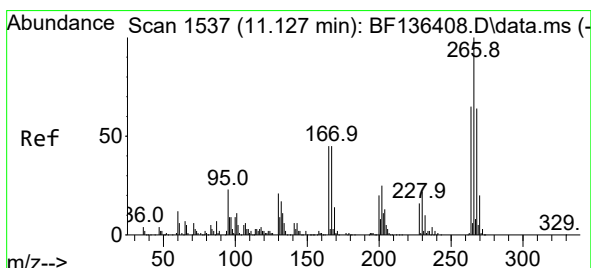
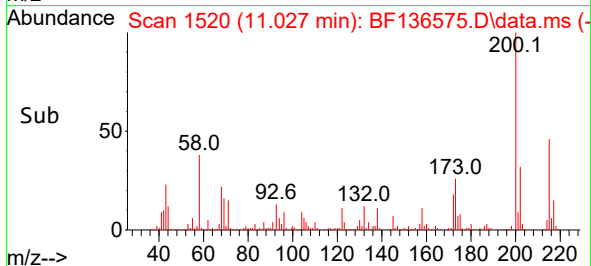
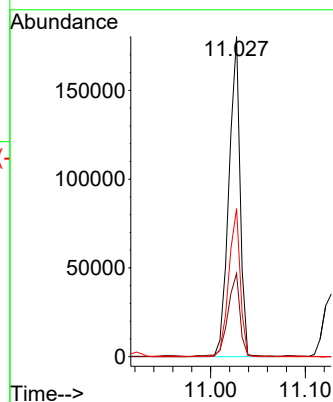
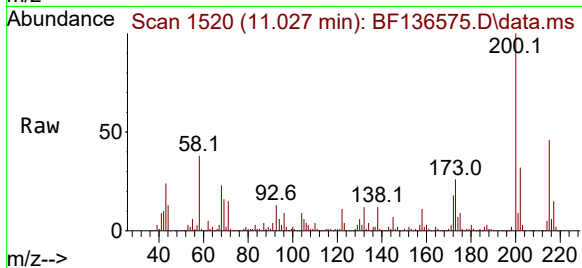
Tgt Ion:200 Resp: 148166

Ion Ratio Lower Upper

200 100

173 26.0 6.0 46.0

215 46.2 25.5 65.5



#70

Pentachlorophenol

Concen: 82.723 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

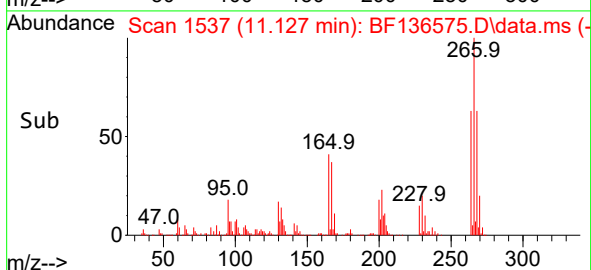
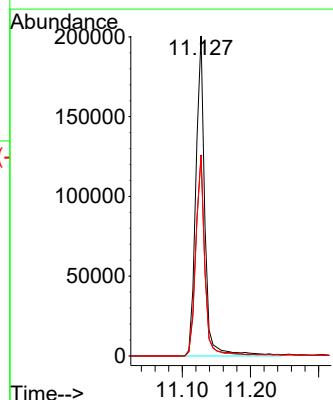
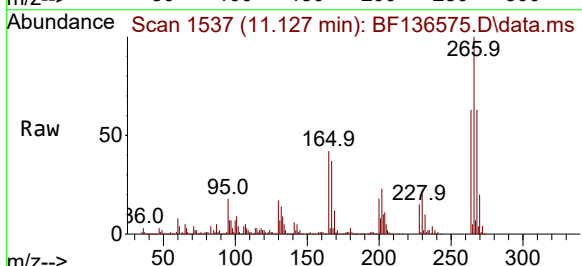
Tgt Ion:266 Resp: 183999

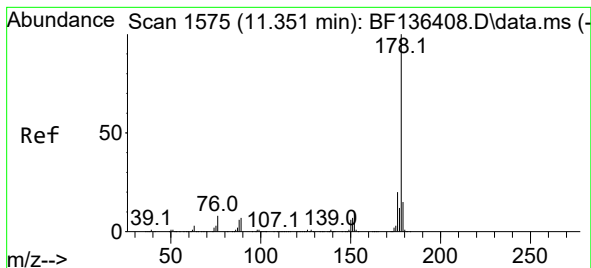
Ion Ratio Lower Upper

266 100

268 62.8 51.0 76.6

264 62.5 52.2 78.4





#71

Phenanthrene

Concen: 89.680 ng

RT: 11.345 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

Instrument :

BNA_F

ClientSampleId :

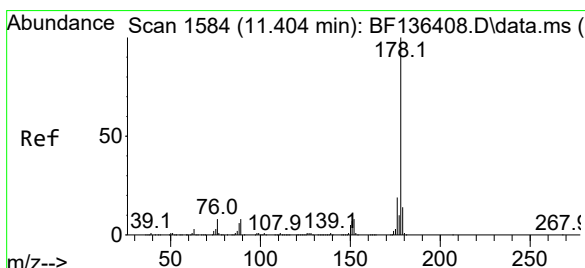
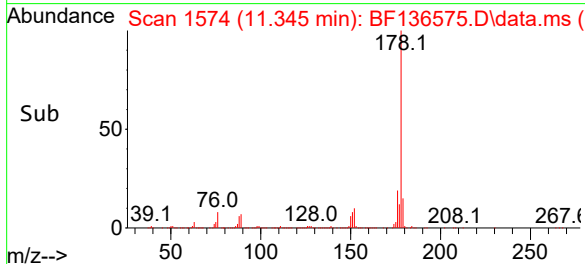
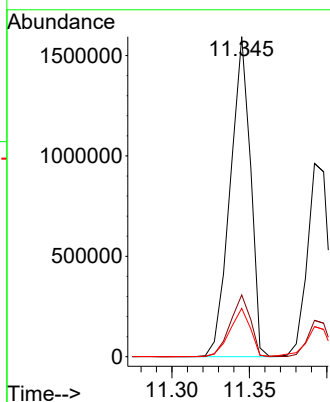
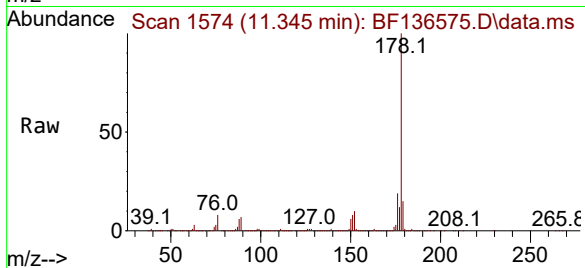
Tgt Ion:178 Resp: 1445666

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

179 15.1 11.8 17.6



#72

Anthracene

Concen: 54.154 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

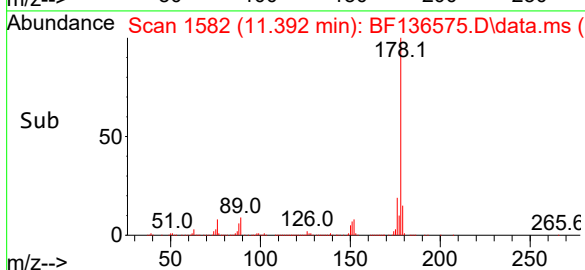
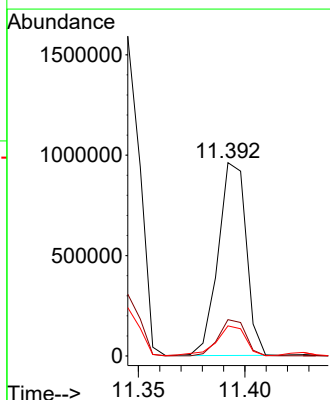
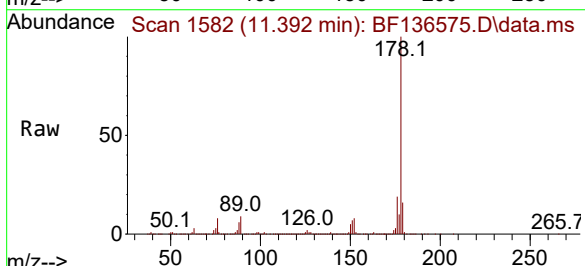
Tgt Ion:178 Resp: 879282

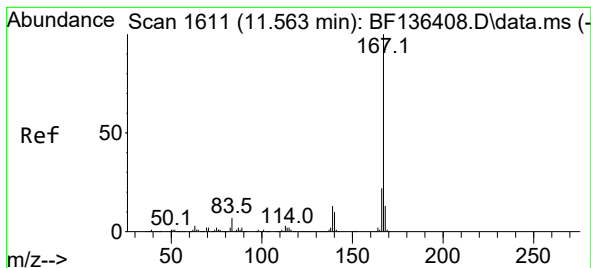
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 15.6 11.4 17.0





#73

Carbazole

Concen: 67.454 ng

RT: 11.557 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

Instrument :

BNA_F

ClientSampleId :

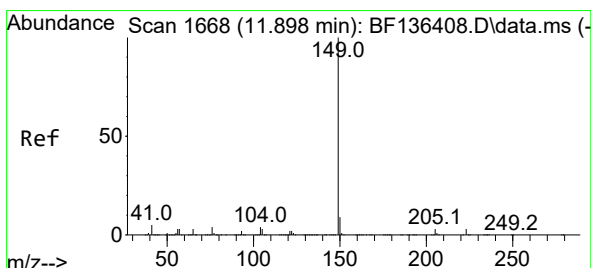
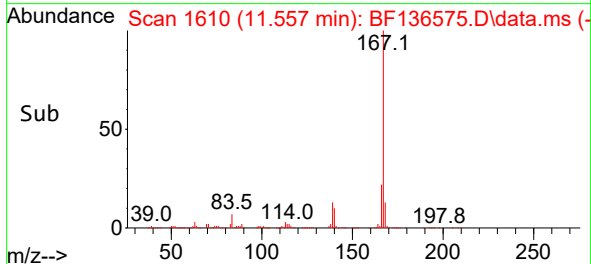
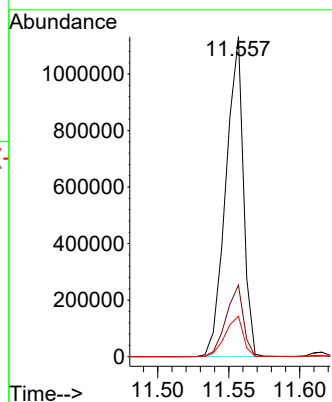
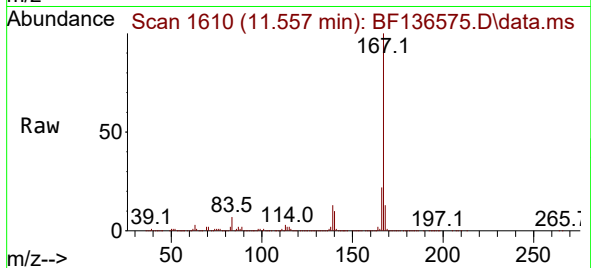
Tgt Ion:167 Resp: 969361

Ion Ratio Lower Upper

167 100

166 22.3 18.0 27.0

139 12.7 10.2 15.4



#74

Di-n-butylphthalate

Concen: 45.936 ng

RT: 11.886 min Scan# 1666

Delta R.T. -0.000 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

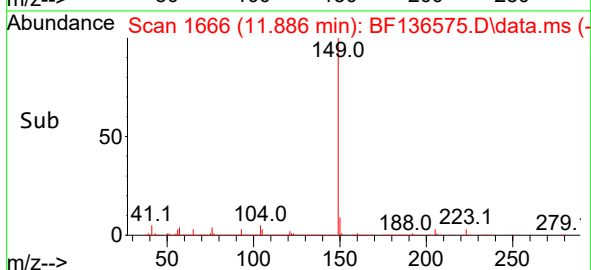
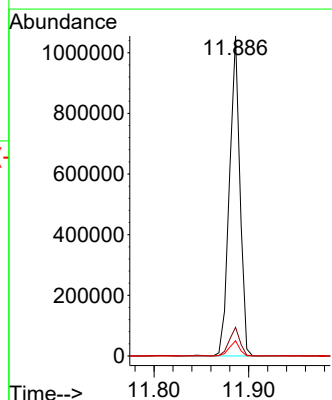
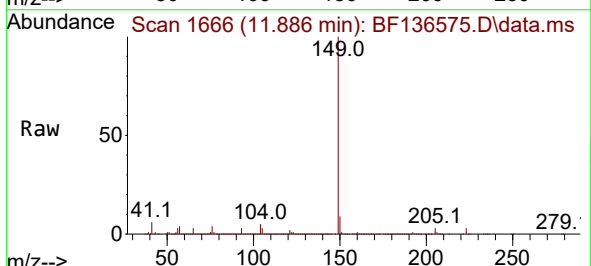
Tgt Ion:149 Resp: 809256

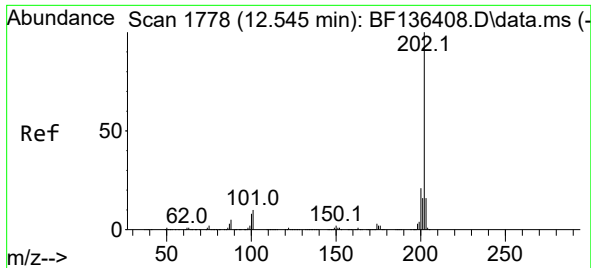
Ion Ratio Lower Upper

149 100

150 8.9 6.9 10.3

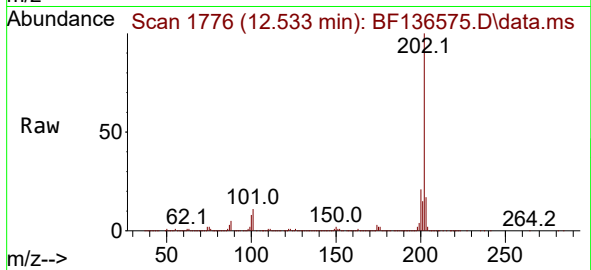
104 4.8 3.5 5.3



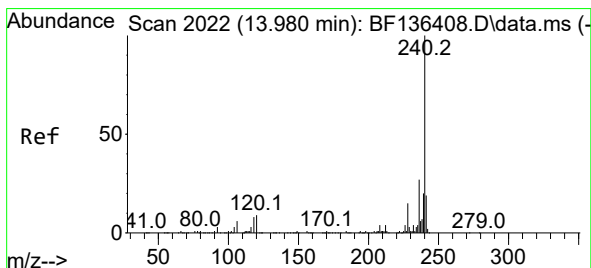
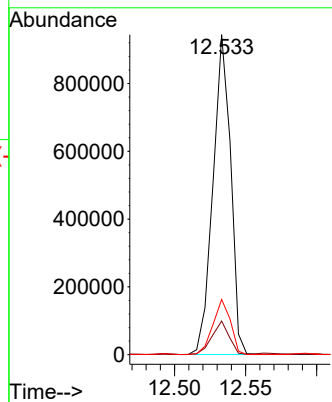
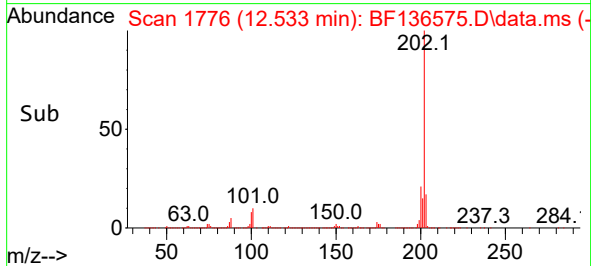


#75
Fluoranthene
Concen: 48.360 ng
RT: 12.533 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

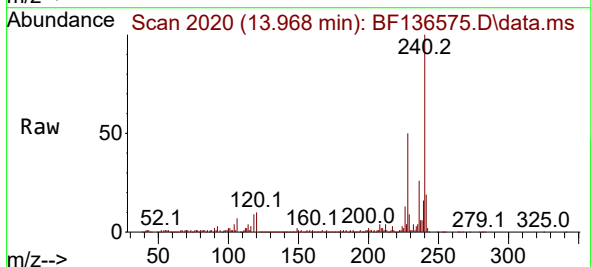
Instrument :
BNA_F
ClientSampleId :



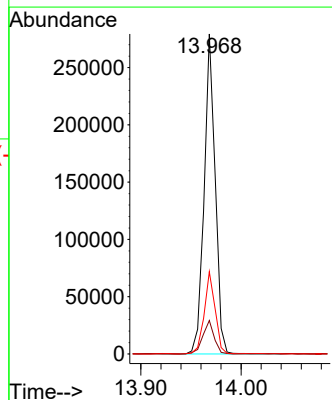
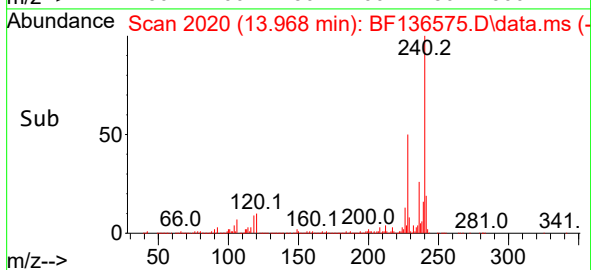
Tgt Ion:202 Resp: 816959
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.9
203 17.2 0.0 36.3

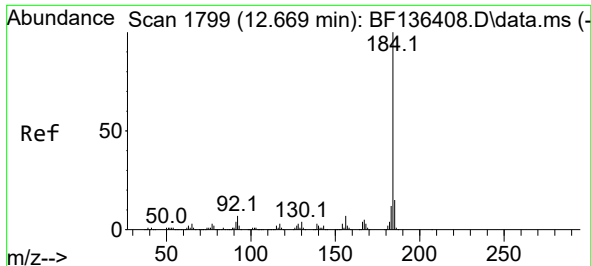


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48



Tgt Ion:240 Resp: 214952
Ion Ratio Lower Upper
240 100
120 10.5 7.3 10.9
236 25.7 21.3 31.9

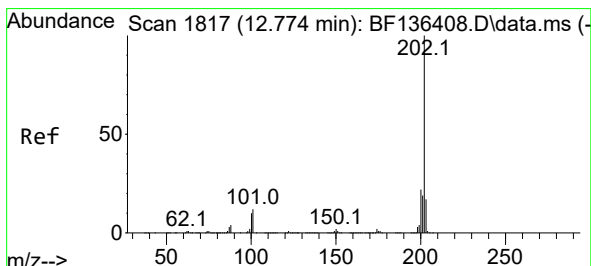
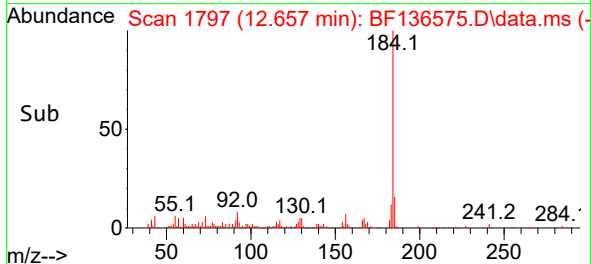
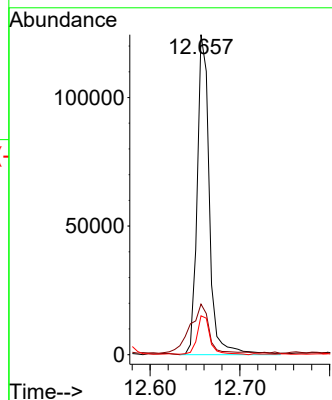
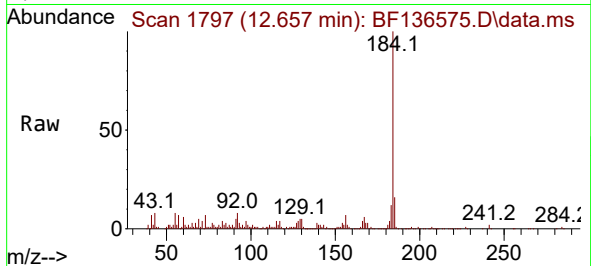




#77
Benzidine
Concen: 29.154 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

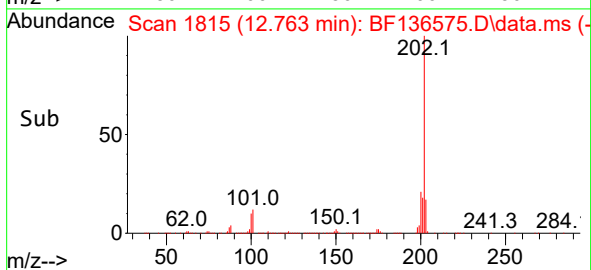
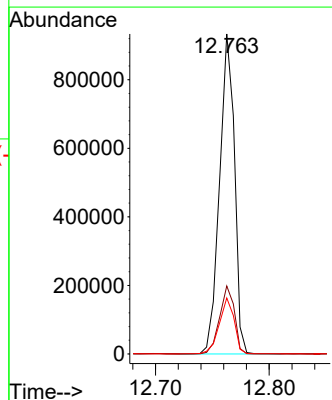
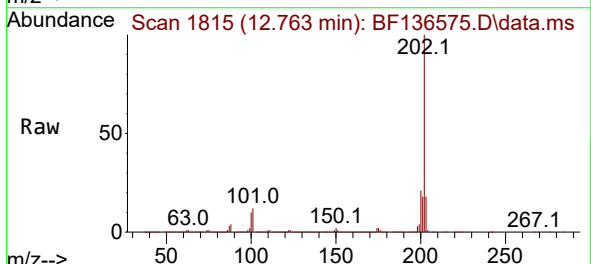
Instrument :
BNA_F
ClientSampleId :

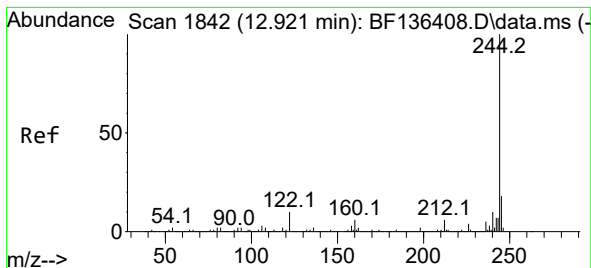
Tgt Ion:184 Resp: 117429
Ion Ratio Lower Upper
184 100
185 15.8 12.0 18.0
183 12.1 9.4 14.0



#78
Pyrene
Concen: 40.588 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

Tgt Ion:202 Resp: 854433
Ion Ratio Lower Upper
202 100
200 21.2 18.0 27.0
203 17.5 13.5 20.3





#79

Terphenyl-d14

Concen: 68.140 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.000 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

Instrument :

BNA_F

ClientSampleId :

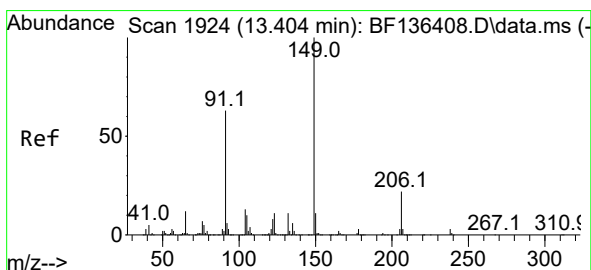
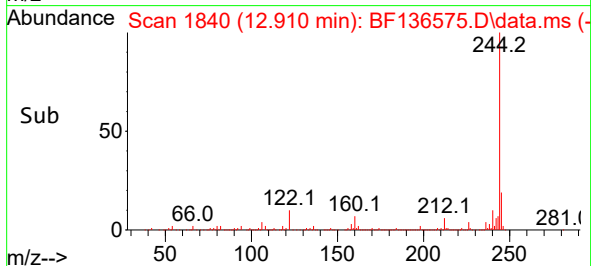
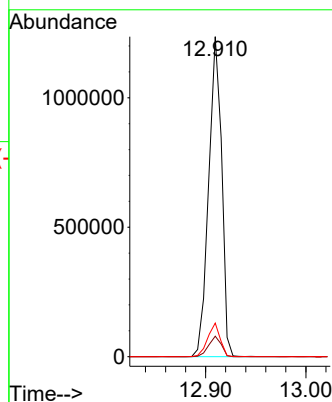
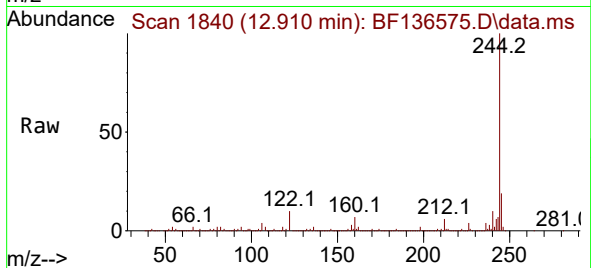
Tgt Ion:244 Resp: 1111248

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 10.5 8.3 12.5



#80

Butylbenzylphthalate

Concen: 42.214 ng

RT: 13.392 min Scan# 1922

Delta R.T. 0.006 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

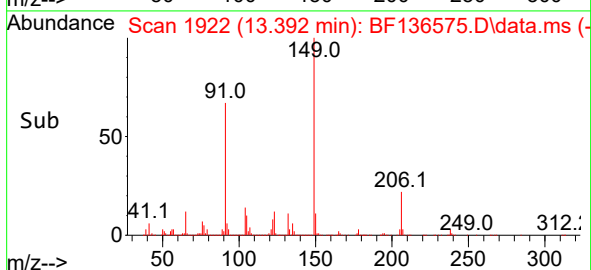
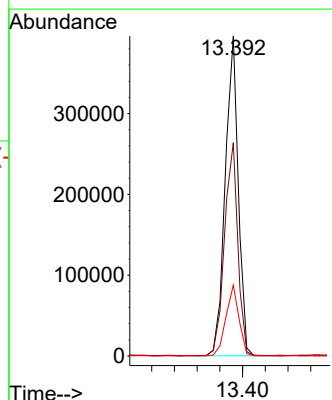
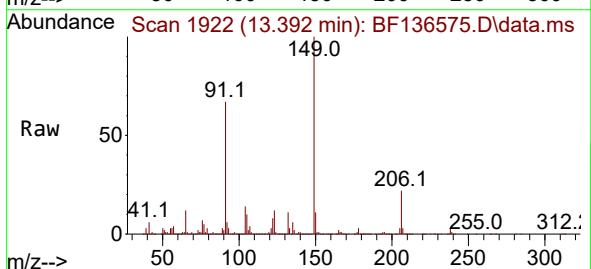
Tgt Ion:149 Resp: 316352

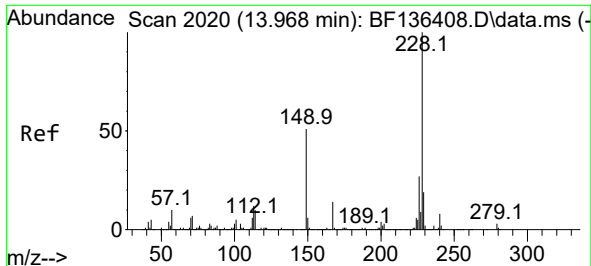
Ion Ratio Lower Upper

149 100

91 66.7 50.5 75.7

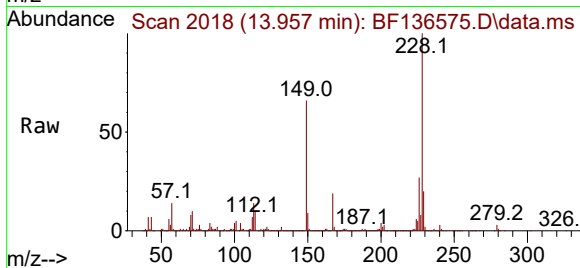
206 22.2 17.4 26.2



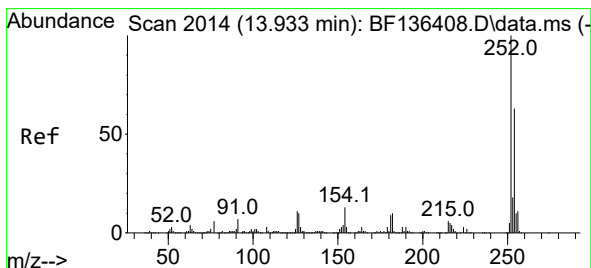
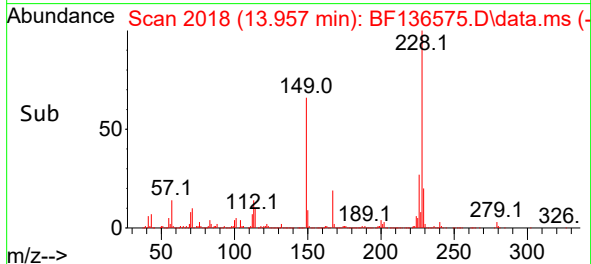
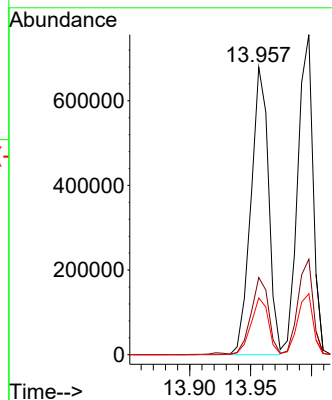


#81
Benzo(a)anthracene
Concen: 45.785 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

Instrument :
BNA_F
ClientSampleId :

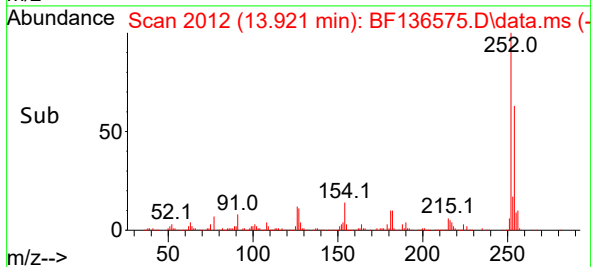
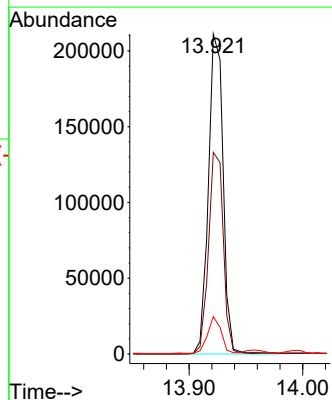
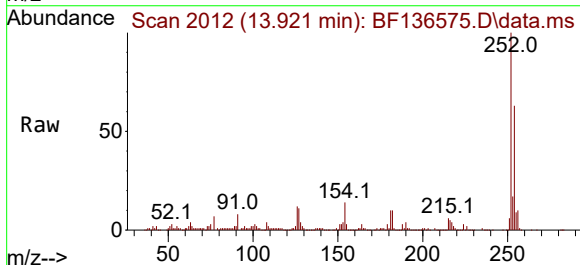


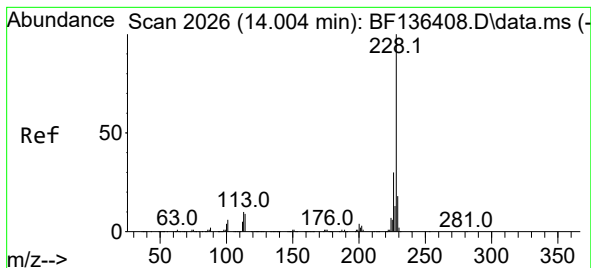
Tgt Ion:228 Resp: 685524
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.7 15.0 22.4



#82
3,3'-Dichlorobenzidine
Concen: 45.148 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

Tgt Ion:252 Resp: 189533
Ion Ratio Lower Upper
252 100
254 63.0 50.8 76.2
126 11.6 8.6 12.8





#83

Chrysene

Concen: 44.819 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

Instrument :

BNA_F

ClientSampleId :

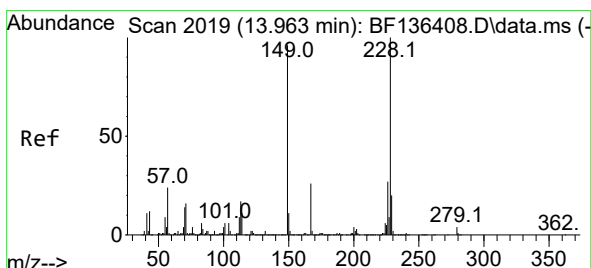
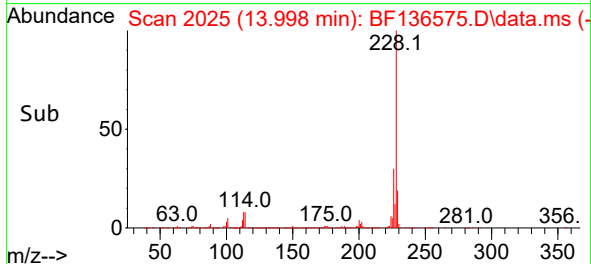
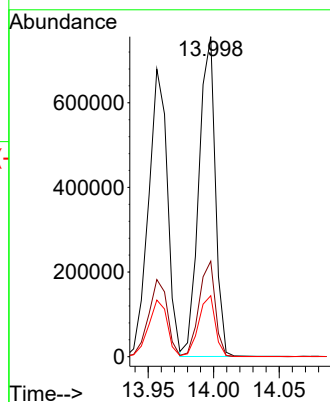
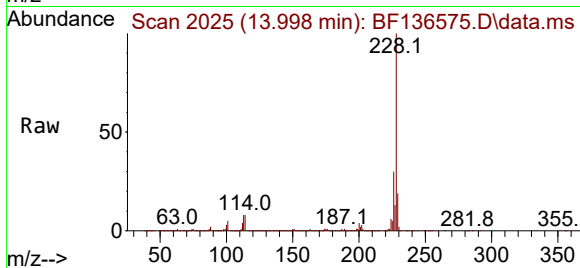
Tgt Ion:228 Resp: 660241

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

229 19.0 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.139 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

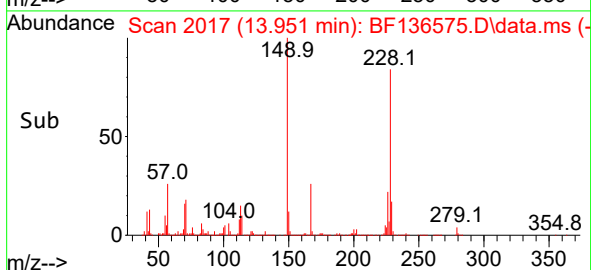
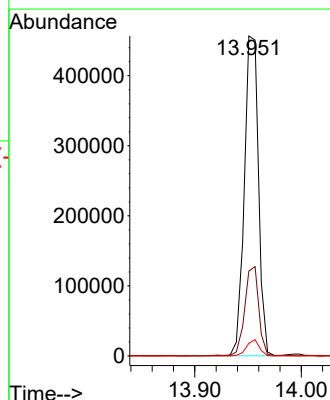
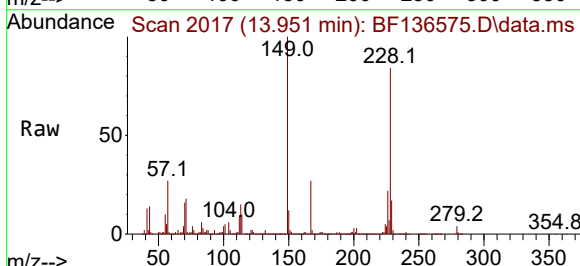
Tgt Ion:149 Resp: 423873

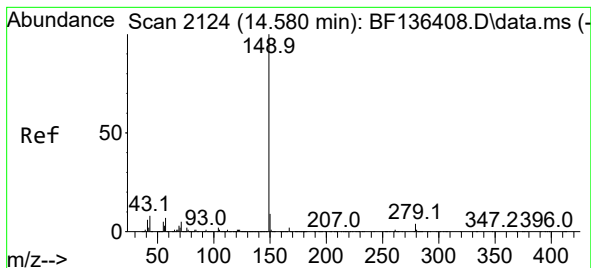
Ion Ratio Lower Upper

149 100

167 26.6 21.2 31.8

279 3.9 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 54.131 ng

RT: 14.568 min Scan# 2122

Delta R.T. -0.000 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

Instrument :

BNA_F

ClientSampleId :

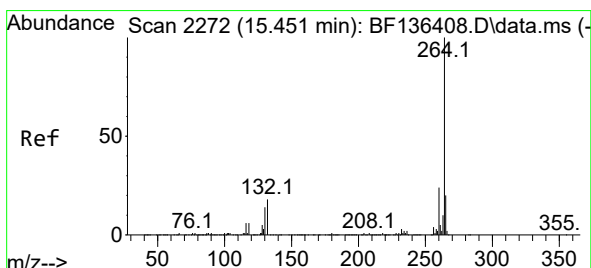
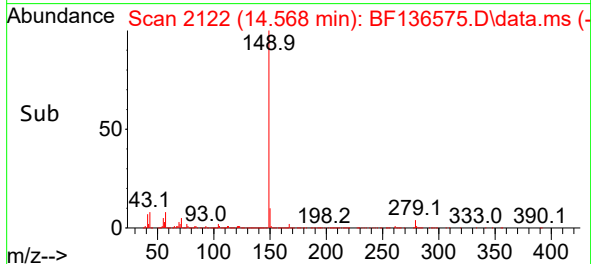
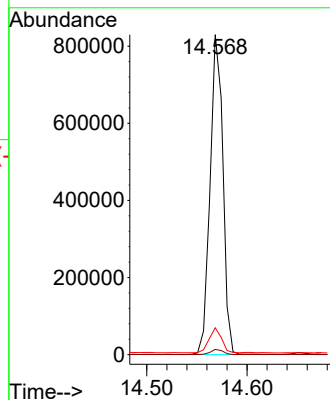
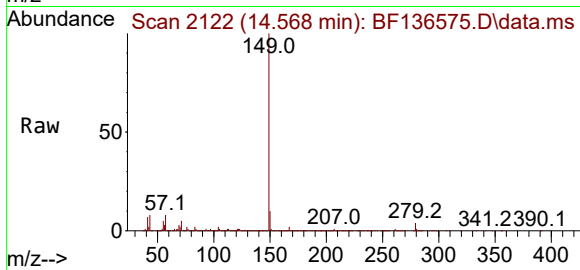
Tgt Ion:149 Resp: 734551

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.6 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

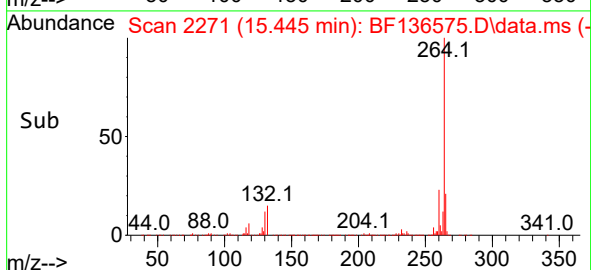
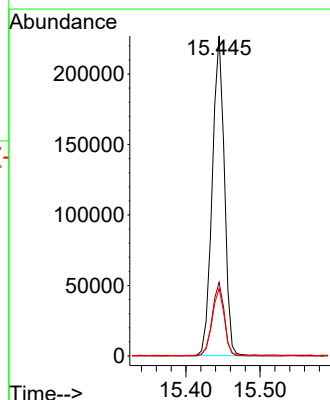
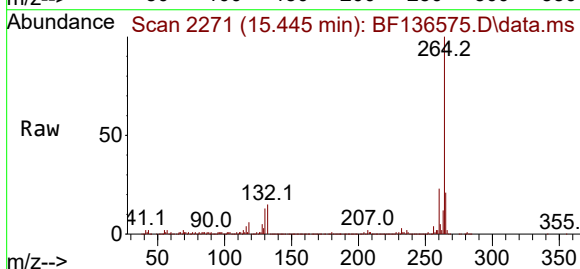
Tgt Ion:264 Resp: 256685

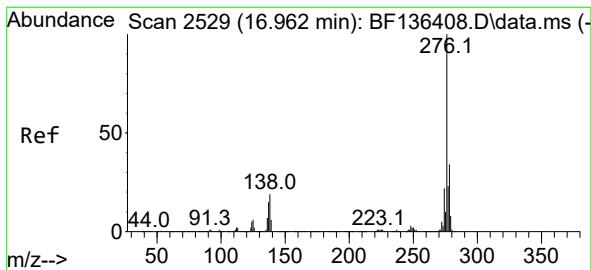
Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.0 15.9 23.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.093 ng

RT: 16.951 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

Instrument :

BNA_F

ClientSampleId :

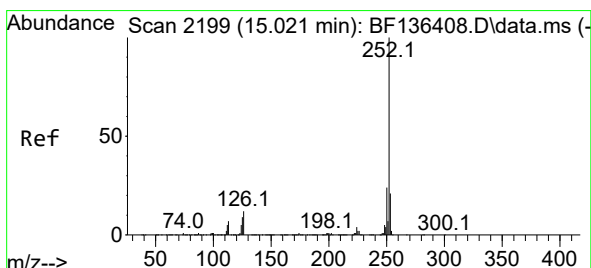
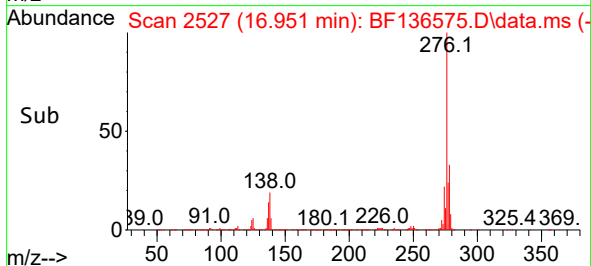
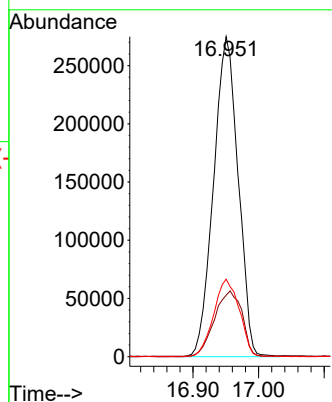
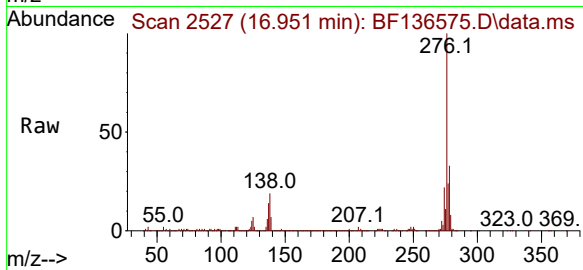
Tgt Ion:276 Resp: 714951

Ion Ratio Lower Upper

276 100

138 22.8 19.0 28.4

277 25.4 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 40.751 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF136575.D

Acq: 14 Dec 2023 18:48

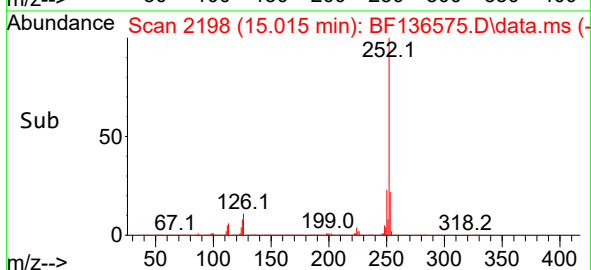
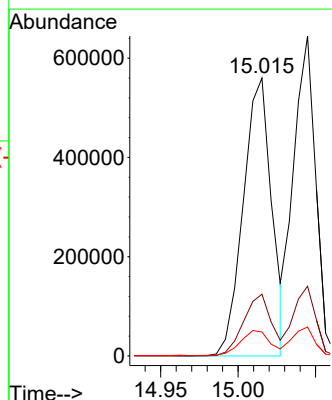
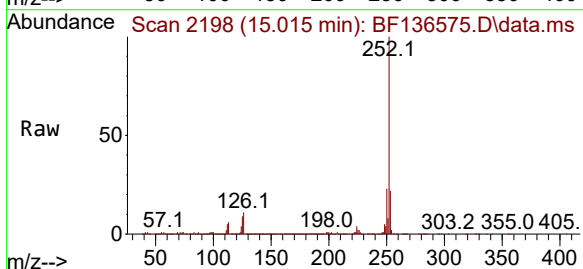
Tgt Ion:252 Resp: 715197

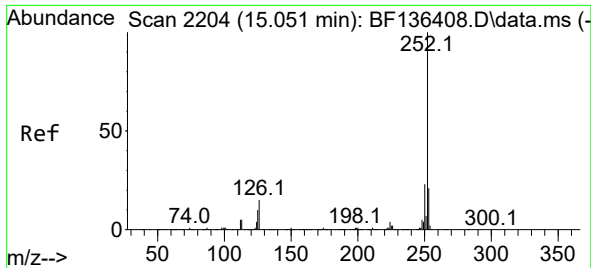
Ion Ratio Lower Upper

252 100

253 22.2 16.9 25.3

125 8.6 7.4 11.2

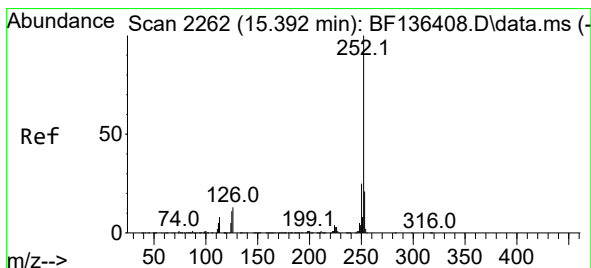
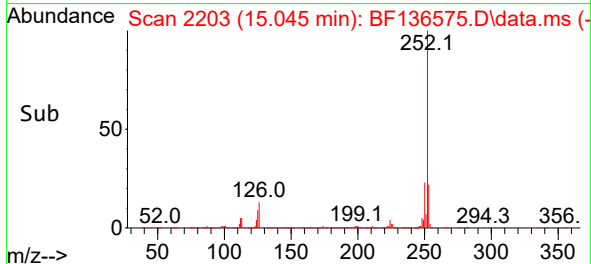
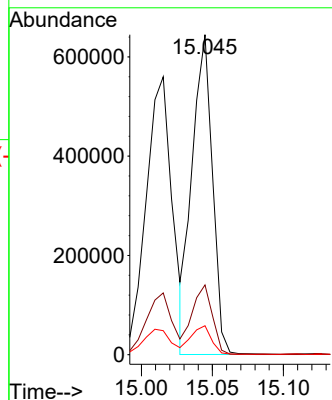
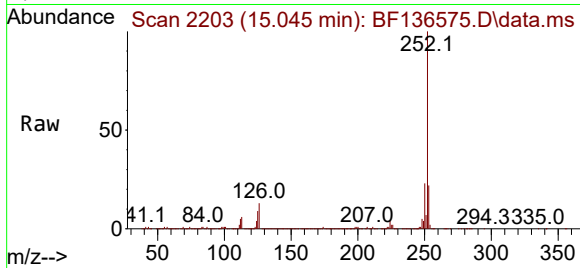




#89
Benzo(k)fluoranthene
Concen: 38.746 ng
RT: 15.045 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

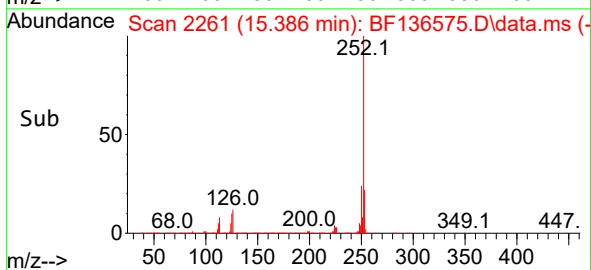
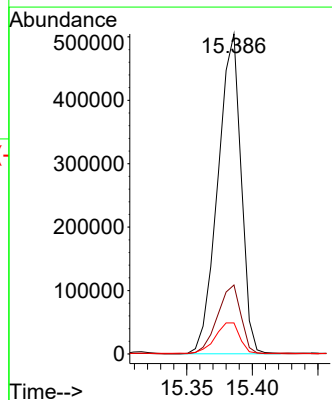
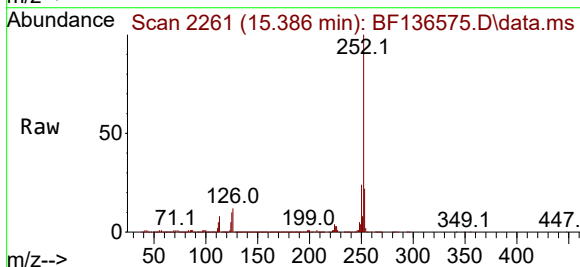
Instrument :
BNA_F
ClientSampleId :

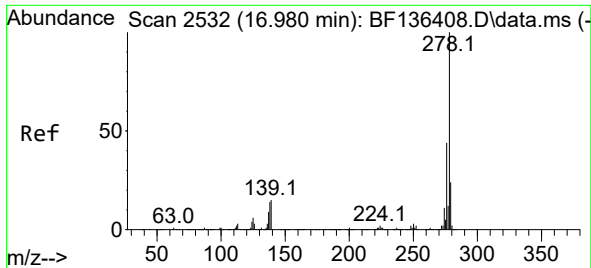
Tgt Ion:252 Resp: 640849
Ion Ratio Lower Upper
252 100
253 21.8 16.9 25.3
125 9.1 7.5 11.3



#90
Benzo(a)pyrene
Concen: 42.831 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

Tgt Ion:252 Resp: 620785
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.4
125 9.7 8.6 13.0

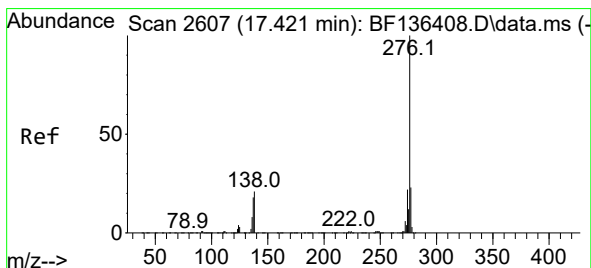
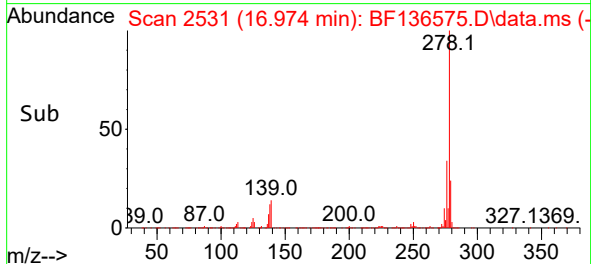
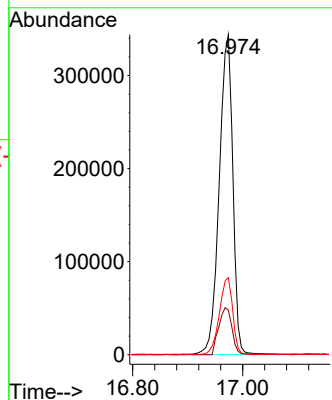
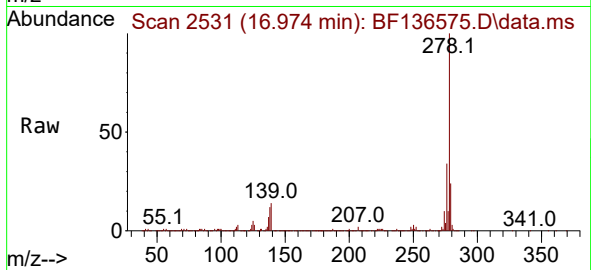




#91
Dibenzo(a,h)anthracene
Concen: 40.471 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 591239
Ion Ratio Lower Upper
278 100
139 13.9 12.2 18.4
279 24.0 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 36.437 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.006 min
Lab File: BF136575.D
Acq: 14 Dec 2023 18:48

Tgt Ion:276 Resp: 546364
Ion Ratio Lower Upper
276 100
277 22.7 18.7 28.1
138 20.3 16.6 25.0

