

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136014.D
 Acq On : 28 Oct 2023 19:44
 Operator : CG\JU
 Sample : 04844-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-603-COMP-05MSD

Quant Time: Oct 30 00:30:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	165071	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	656676	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	339035	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	619055	20.000	ng	0.00
76) Chrysene-d12	14.015	240	335474	20.000	ng	0.00
86) Perylene-d12	15.498	264	373834	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1364595	127.652	ng	0.02
7) Phenol-d6	6.463	99	1615490	121.387	ng	0.00
23) Nitrobenzene-d5	7.392	82	1064512	102.416	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	528730	178.170	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1903447	89.899	ng	0.00
79) Terphenyl-d14	12.957	244	2175302	108.337	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	201485	40.575	ng	# 81
3) Pyridine	3.498	79	430201	31.387	ng	97
4) n-Nitrosodimethylamine	3.440	42	254683	42.615	ng	97
6) Aniline	6.492	93	320194	17.868	ng	100
8) 2-Chlorophenol	6.610	128	564028	50.967	ng	98
9) Benzaldehyde	6.375	77	122755	17.051	ng	99
10) Phenol	6.475	94	594554	42.733	ng	99
11) bis(2-Chloroethyl)ether	6.569	93	545988	50.416	ng	100
12) 1,3-Dichlorobenzene	6.769	146	570070	48.497	ng	95
13) 1,4-Dichlorobenzene	6.845	146	571728	48.429	ng	99
14) 1,2-Dichlorobenzene	6.992	146	550883	50.250	ng	98
15) Benzyl Alcohol	6.969	79	445750	47.380	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	728792	45.696	ng	95
17) 2-Methylphenol	7.081	107	420207	43.082	ng	98
18) Hexachloroethane	7.333	117	203699	50.744	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	361567	47.776	ng	94
20) 3+4-Methylphenols	7.233	107	512414	43.529	ng	# 84
22) Acetophenone	7.239	105	736623	49.666	ng	# 93
24) Nitrobenzene	7.410	77	546989	50.175	ng	99
25) Isophorone	7.645	82	1044440	50.318	ng	99
26) 2-Nitrophenol	7.722	139	276245	62.809	ng	99
27) 2,4-Dimethylphenol	7.763	122	426828	45.118	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	631685	49.558	ng	98
29) 2,4-Dichlorophenol	7.963	162	456434	53.879	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	492992	51.398	ng	99
31) Naphthalene	8.128	128	1550090	48.824	ng	100
32) Benzoic acid	7.886	122	327046	61.369	ng	87
33) 4-Chloroaniline	8.175	127	66667	4.751	ng	97
34) Hexachlorobutadiene	8.245	225	275105	50.886	ng	100
35) Caprolactam	8.598	113	39552	14.030	ng	94
36) 4-Chloro-3-methylphenol	8.657	107	487774	54.182	ng	99
37) 2-Methylnaphthalene	8.822	142	998725	47.545	ng	99
38) 1-Methylnaphthalene	8.922	142	961964	49.009	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	473636	49.462	ng	99
41) Hexachlorocyclopentadiene	8.975	237	433700	91.854	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	325804	58.132	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	362211	54.432	ng	99
46) 1,1'-Biphenyl	9.292	154	1274580	49.614	ng	99
47) 2-Chloronaphthalene	9.310	162	970800	51.090	ng	97
48) 2-Nitroaniline	9.410	65	299294	55.605	ng	92
49) Acenaphthylene	9.727	152	1535066	51.208	ng	99
50) Dimethylphthalate	9.598	163	1140011	51.851	ng	99
51) 2,6-Dinitrotoluene	9.651	165	264040	56.922	ng	90
52) Acenaphthene	9.904	154	925937	48.197	ng	99
53) 3-Nitroaniline	9.822	138	171745	33.058	ng	# 85
54) 2,4-Dinitrophenol	9.927	184	238160	106.446	ng	93
55) Dibenzofuran	10.074	168	1352372	48.727	ng	100
56) 4-Nitrophenol	9.980	139	434844	96.646	ng	94
57) 2,4-Dinitrotoluene	10.057	165	346435	59.775	ng	98
58) Fluorene	10.422	166	1013217	48.797	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	298184	59.549	ng	99
60) Diethylphthalate	10.298	149	1086869	51.840	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	489853	48.907	ng	96
62) 4-Nitroaniline	10.439	138	273803	50.439	ng	96
63) Azobenzene	10.574	77	1038810	48.824	ng	96
65) 4,6-Dinitro-2-methylph...	10.463	198	161208	66.850	ng	98
66) n-Nitrosodiphenylamine	10.533	169	951783	50.893	ng	98
67) 4-Bromophenyl-phenylether	10.904	248	334910	52.827	ng	97
68) Hexachlorobenzene	10.963	284	379476	56.032	ng	96
69) Atrazine	11.069	200	338200	66.337	ng	99
70) Pentachlorophenol	11.163	266	428066	98.651	ng	97
71) Phenanthrene	11.386	178	1585825	50.634	ng	100
72) Anthracene	11.433	178	1605699	50.070	ng	99
73) Carbazole	11.592	167	1426961	49.881	ng	99
74) Di-n-butylphthalate	11.933	149	1708734	56.132	ng	100
75) Fluoranthene	12.574	202	1589430	48.238	ng	98
77) Benzidine	12.698	184	153123	23.671	ng	100
78) Pyrene	12.804	202	1592950	56.552	ng	99
80) Butylbenzylphthalate	13.439	149	634602	58.687	ng	98
81) Benzo(a)anthracene	14.004	228	1152701	50.534	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	246225	35.480	ng	98
83) Chrysene	14.039	228	1104981	49.737	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	771622	66.618	ng	98
85) Di-n-octyl phthalate	14.627	149	1293303	70.880	ng	97
87) Indeno(1,2,3-cd)pyrene	17.009	276	1091567	51.495	ng	99
88) Benzo(b)fluoranthene	15.062	252	1194547	53.693	ng	99
89) Benzo(k)fluoranthene	15.098	252	988443	45.237	ng	98
90) Benzo(a)pyrene	15.439	252	1000688	48.804	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	915344	50.483	ng	98
92) Benzo(g,h,i)perylene	17.474	276	826800	40.724	ng	99

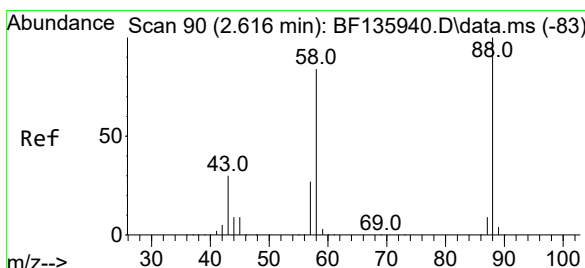
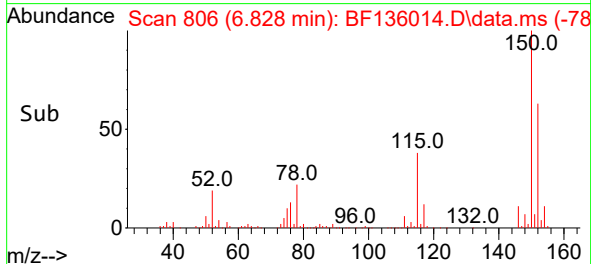
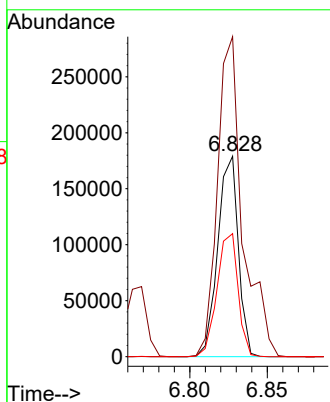
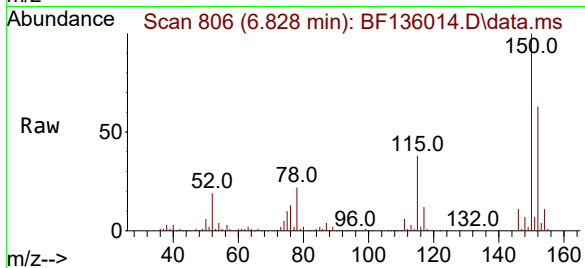
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF136014.D
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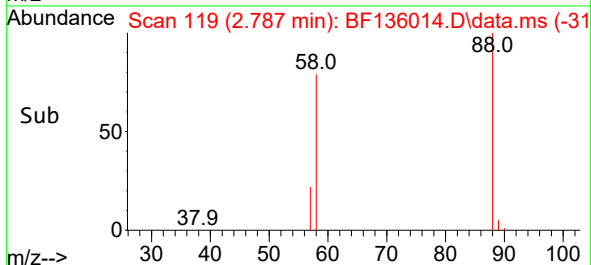
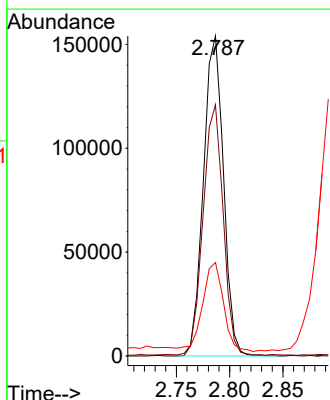
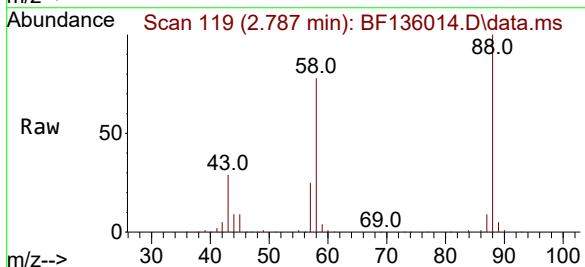
Instrument :
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 OR-603-COMP-05MSD

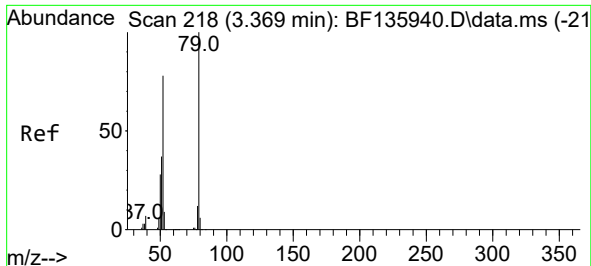
Tgt Ion:152 Resp: 165071
 Ion Ratio Lower Upper
 152 100
 150 159.6 124.6 186.8
 115 61.4 46.6 69.8



#2
 1,4-Dioxane
 Concen: 40.575 ng
 RT: 2.787 min Scan# 119
 Delta R.T. 0.171 min
 Lab File: BF136014.D
 Acq: 28 Oct 2023 19:44

Tgt Ion: 88 Resp: 201485
 Ion Ratio Lower Upper
 88 100
 58 78.3 66.6 100.0
 43 0.0 23.8 35.8

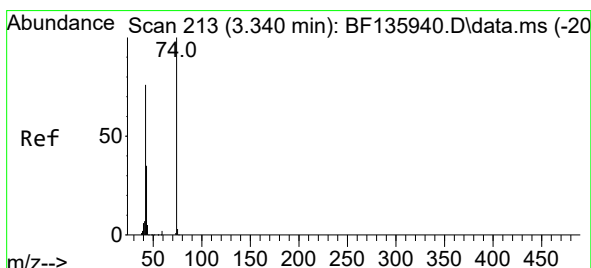
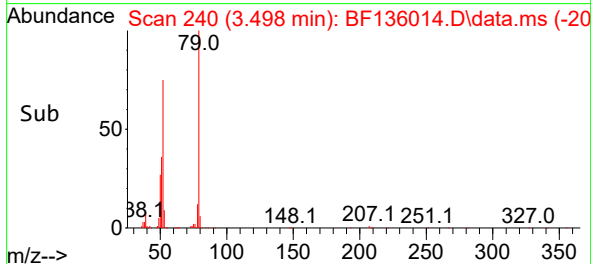
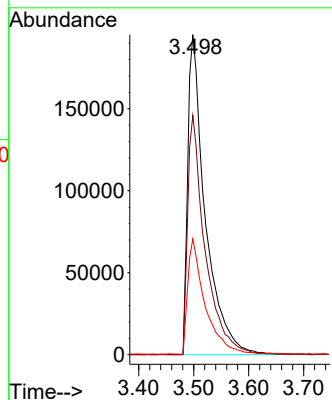
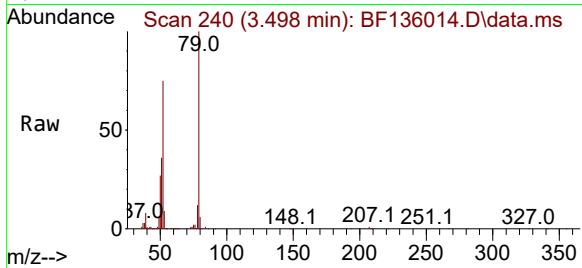




#3
 Pyridine
 Concen: 31.387 ng
 RT: 3.498 min Scan# 24
 Delta R.T. 0.129 min
 Lab File: BF136014.D
 Acq: 28 Oct 2023 19:44

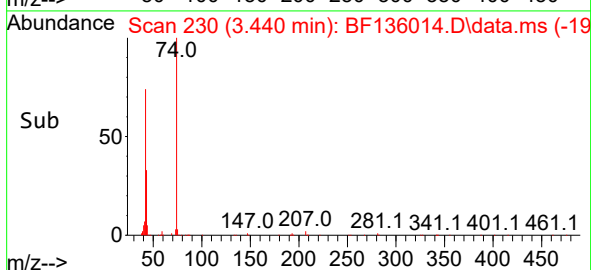
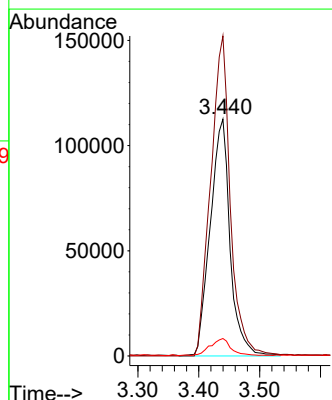
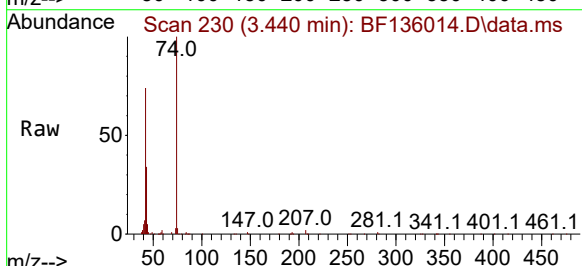
Instrument :
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 ClientSampleId :
 OR-603-COMP-05MSD

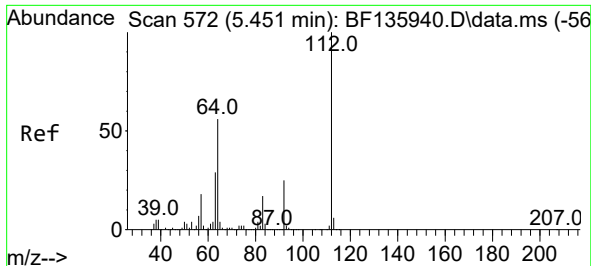
Tgt Ion: 79 Resp: 430201
 Ion Ratio Lower Upper
 79 100
 52 74.8 62.6 93.8
 51 36.2 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 42.615 ng
 RT: 3.440 min Scan# 230
 Delta R.T. 0.100 min
 Lab File: BF136014.D
 Acq: 28 Oct 2023 19:44

Tgt Ion: 42 Resp: 254683
 Ion Ratio Lower Upper
 42 100
 74 135.1 104.8 157.2
 44 7.4 5.9 8.9

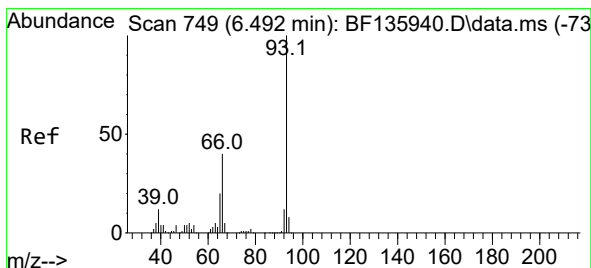
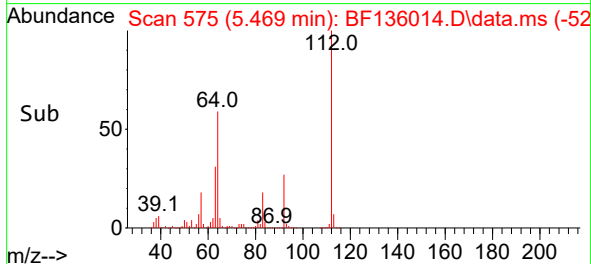
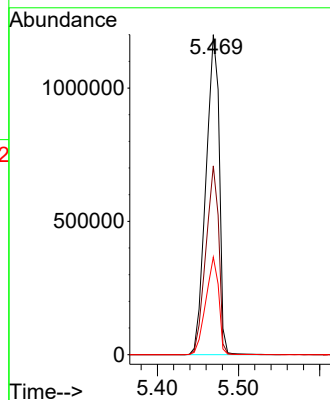
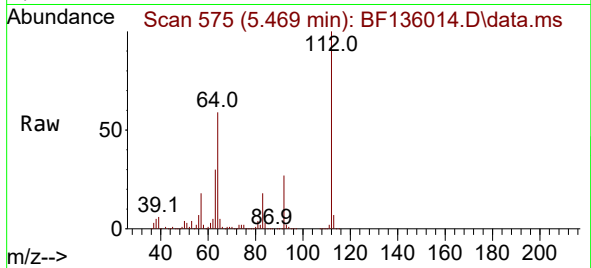




#5
2-Fluorophenol
Concen: 127.652 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

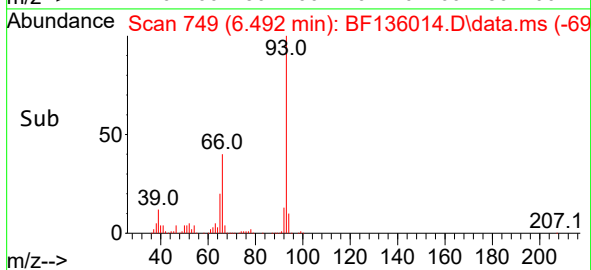
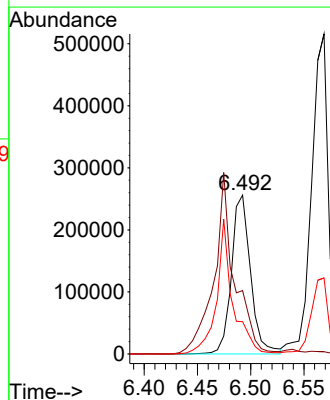
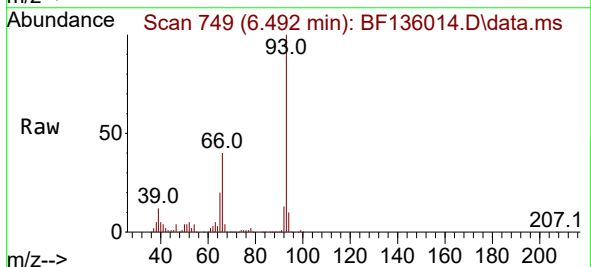
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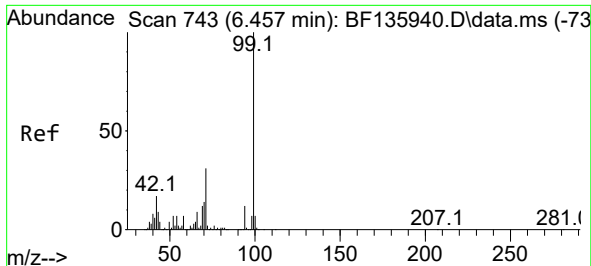
Tgt Ion:112 Resp: 1364595
Ion Ratio Lower Upper
112 100
64 59.0 45.1 67.7
63 30.5 23.0 34.4



#6
Aniline
Concen: 17.868 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

Tgt Ion: 93 Resp: 320194
Ion Ratio Lower Upper
93 100
66 39.9 32.0 48.0
65 20.3 16.2 24.4

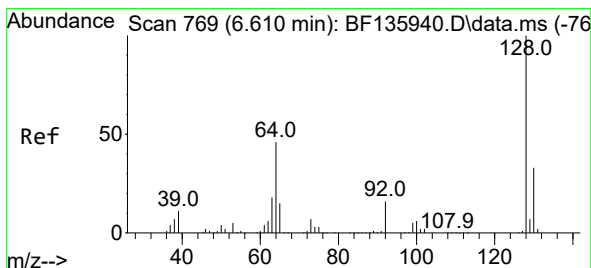
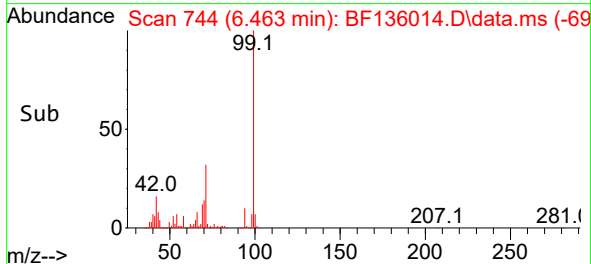
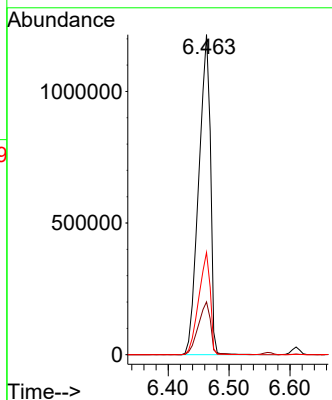
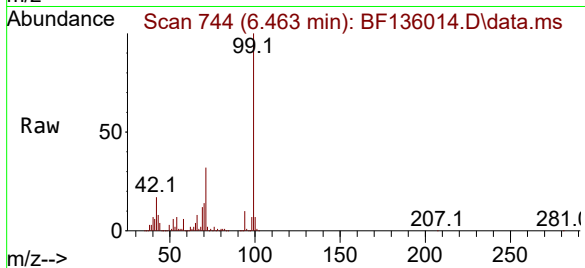




#7
Phenol-d6
Concen: 121.387 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

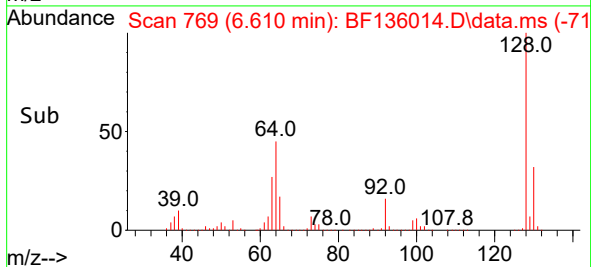
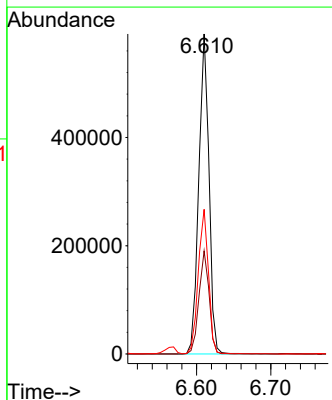
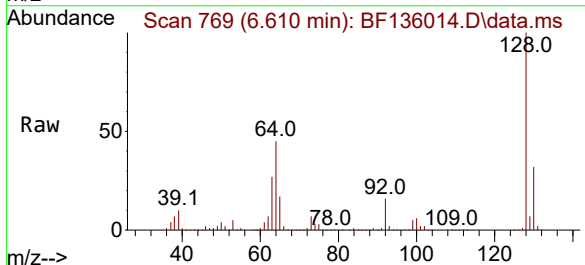
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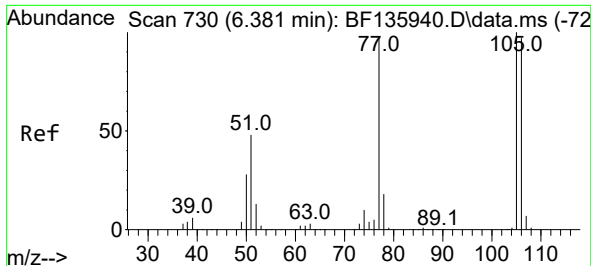
Tgt Ion: 99 Resp: 1615490
Ion Ratio Lower Upper
99 100
42 16.5 13.8 20.8
71 31.9 25.1 37.7



#8
2-Chlorophenol
Concen: 50.967 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

Tgt Ion:128 Resp: 564028
Ion Ratio Lower Upper
128 100
130 32.2 13.1 53.1
64 45.2 27.0 67.0

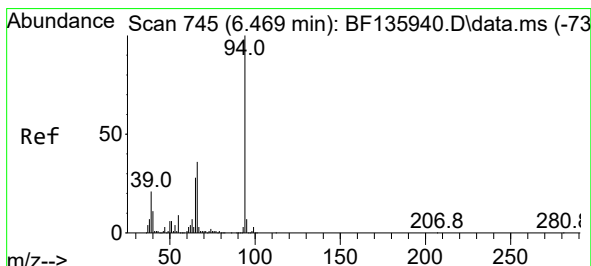
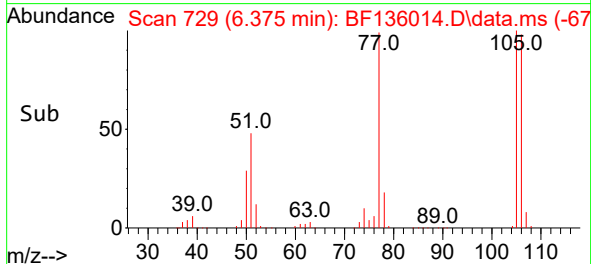
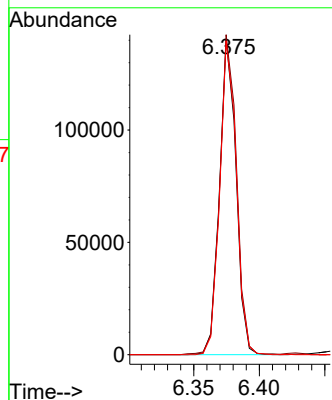
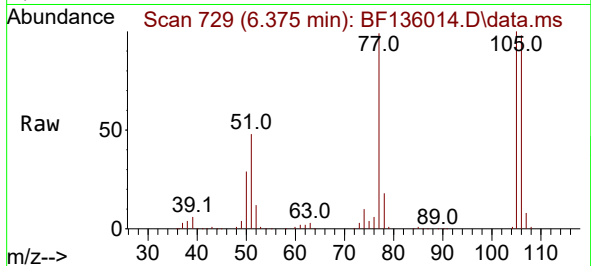




#9
Benzaldehyde
Concen: 17.051 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

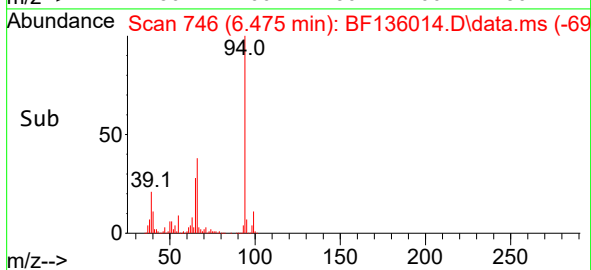
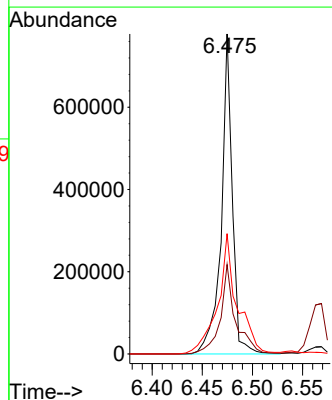
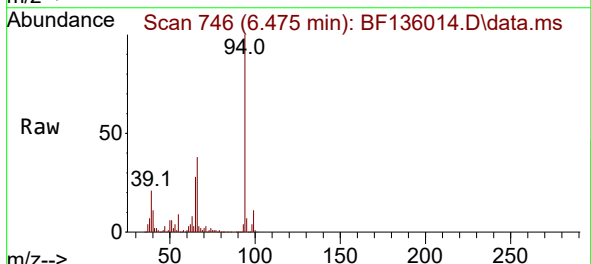
Instrument :
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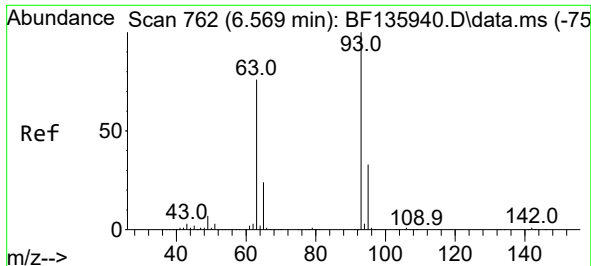
Tgt Ion: 77 Resp: 122755
Ion Ratio Lower Upper
77 100
105 101.3 83.2 123.2
106 99.4 80.0 120.0



#10
Phenol
Concen: 42.733 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

Tgt Ion: 94 Resp: 594554
Ion Ratio Lower Upper
94 100
65 27.9 7.8 47.8
66 37.6 16.5 56.5





#11

bis(2-Chloroethyl)ether

Concen: 50.416 ng

RT: 6.569 min Scan# 762

Delta R.T. -0.000 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

Instrument :

BNA_F

ClientSampleId :

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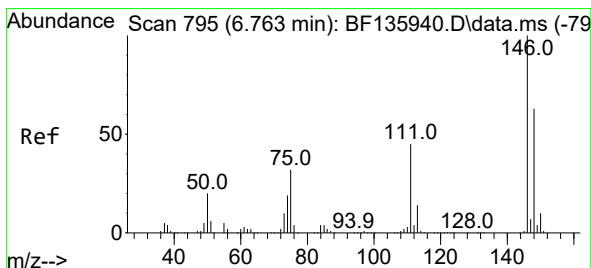
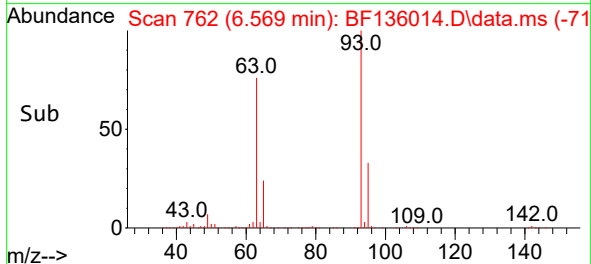
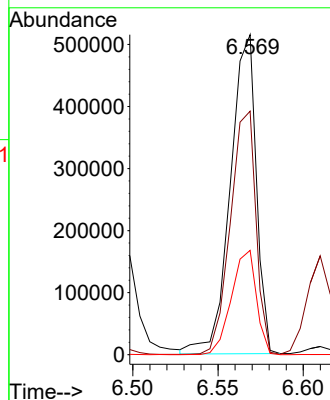
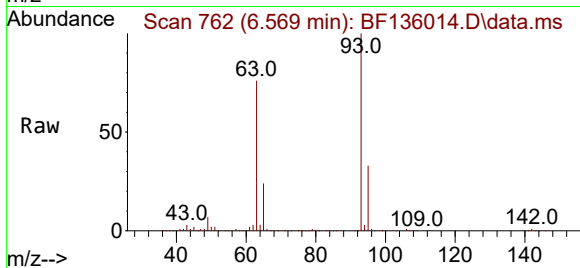
Tgt Ion: 93 Resp: 545988

Ion Ratio Lower Upper

93 100

63 76.1 56.2 96.2

95 32.6 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 48.497 ng

RT: 6.769 min Scan# 796

Delta R.T. 0.006 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

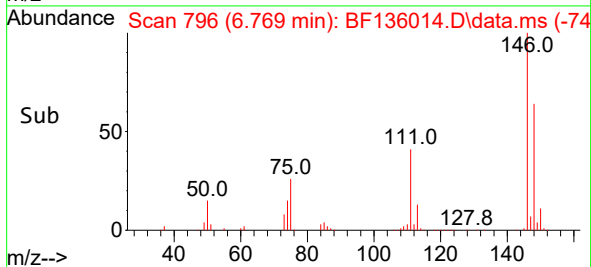
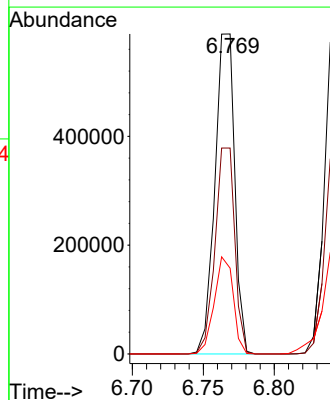
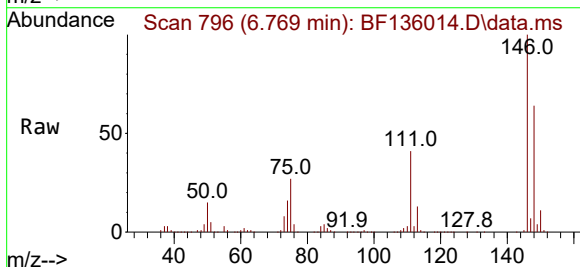
Tgt Ion:146 Resp: 570070

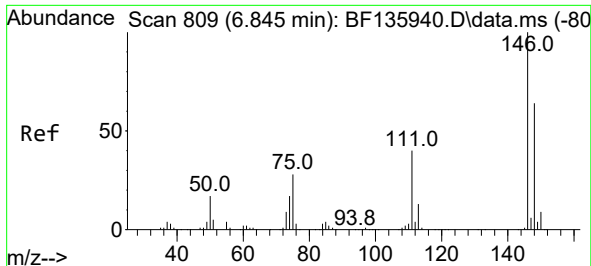
Ion Ratio Lower Upper

146 100

148 64.4 50.2 75.4

75 26.8 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 48.429 ng

RT: 6.845 min Scan# 809

Delta R.T. -0.000 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-05MSD

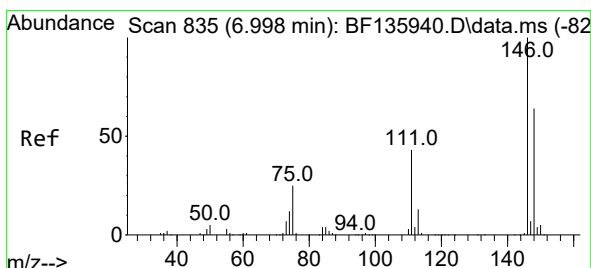
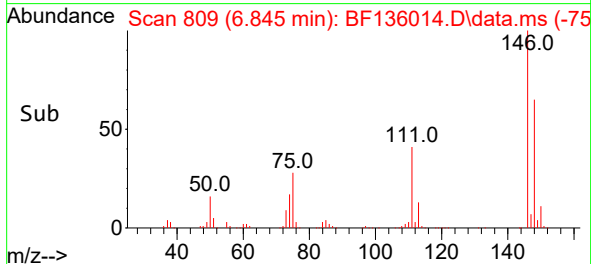
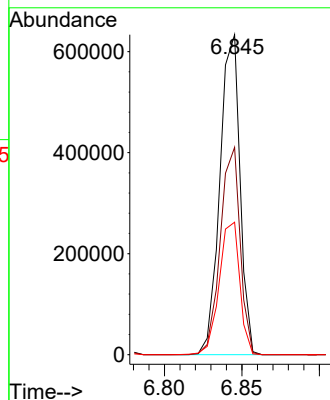
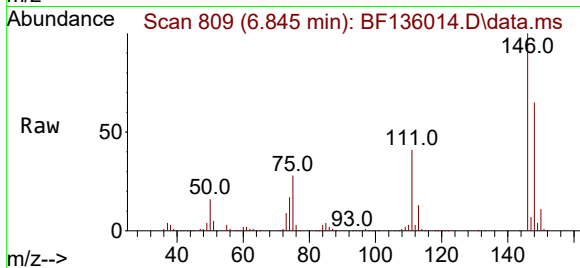
Tgt Ion:146 Resp: 571728

Ion Ratio Lower Upper

146 100

148 64.8 51.4 77.2

111 41.4 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 50.250 ng

RT: 6.992 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

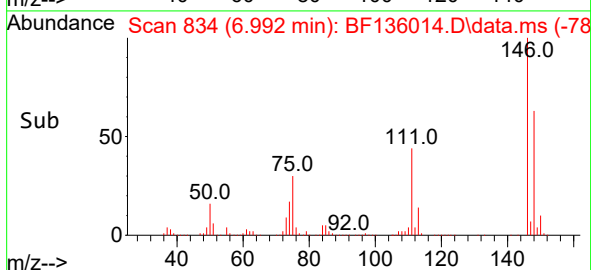
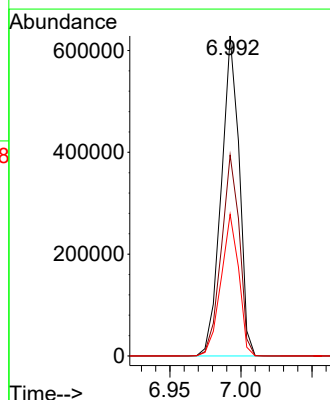
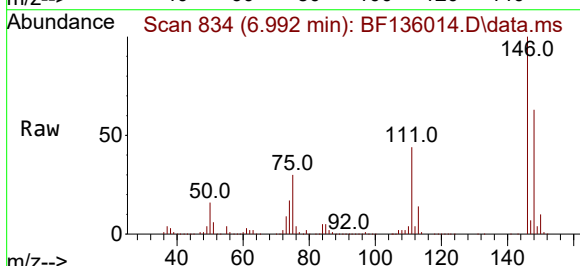
Tgt Ion:146 Resp: 550883

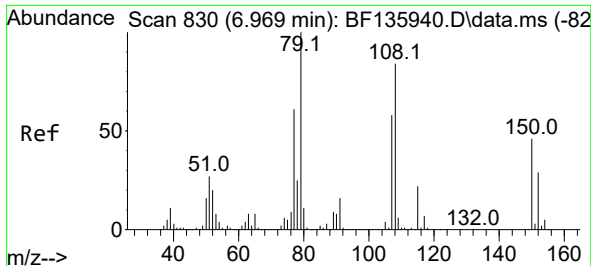
Ion Ratio Lower Upper

146 100

148 62.8 51.4 77.0

111 44.3 34.2 51.4

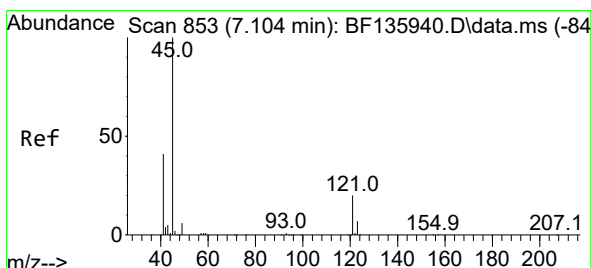
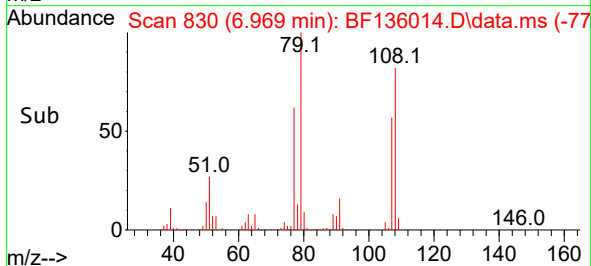
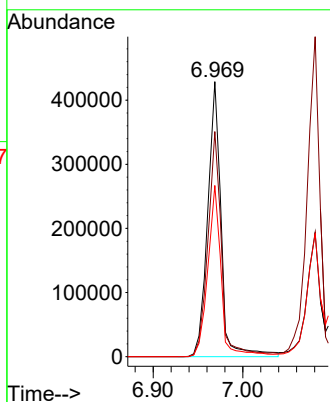
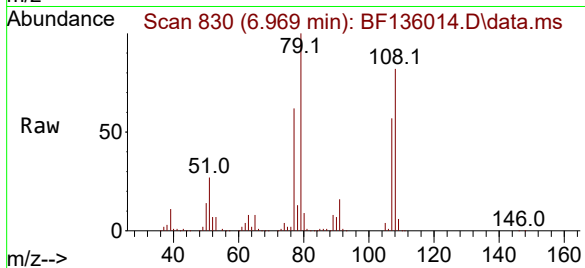




#15
Benzyl Alcohol
Concen: 47.380 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

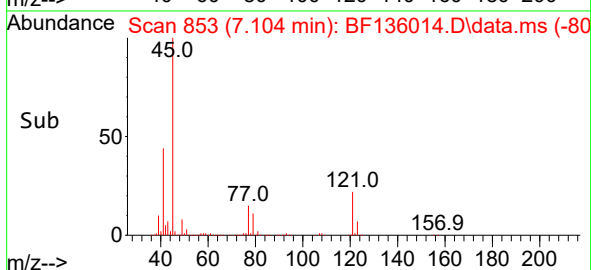
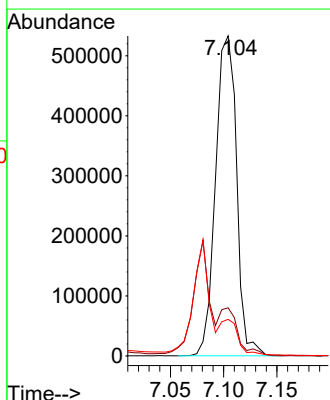
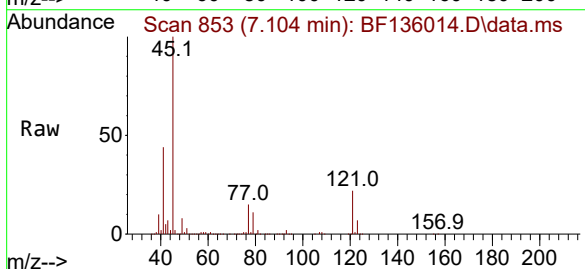
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05MSD

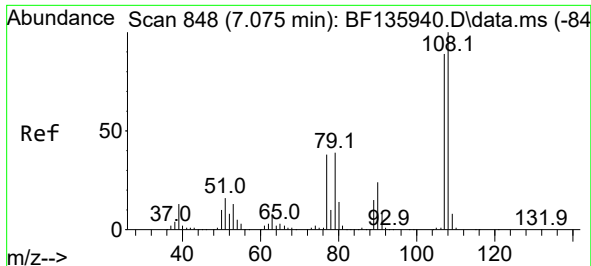
Tgt Ion: 79 Resp: 445750
Ion Ratio Lower Upper
79 100
108 81.8 67.2 100.8
77 62.2 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.696 ng
RT: 7.104 min Scan# 853
Delta R.T. -0.000 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

Tgt Ion: 45 Resp: 728792
Ion Ratio Lower Upper
45 100
77 15.1 0.0 33.2
79 11.4 0.0 29.8

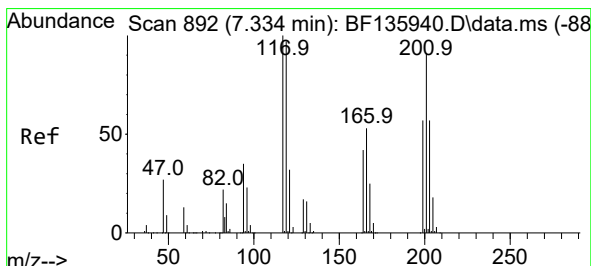
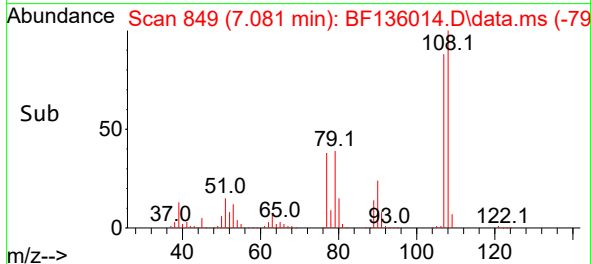
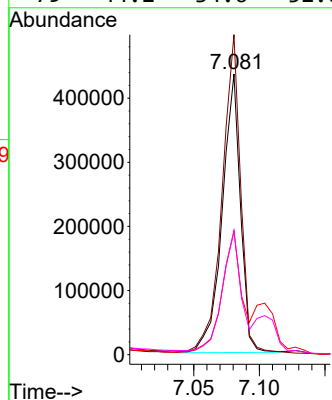
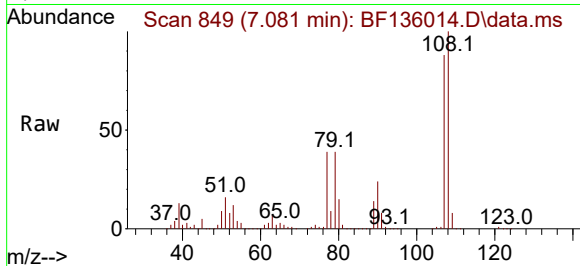




#17
2-Methylphenol
Concen: 43.082 ng
RT: 7.081 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

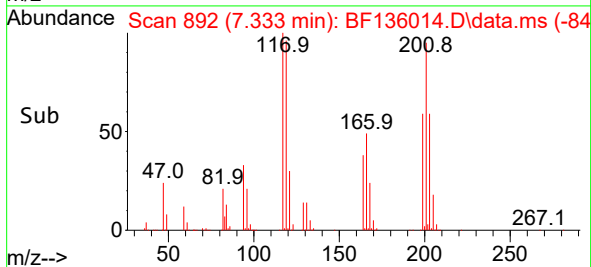
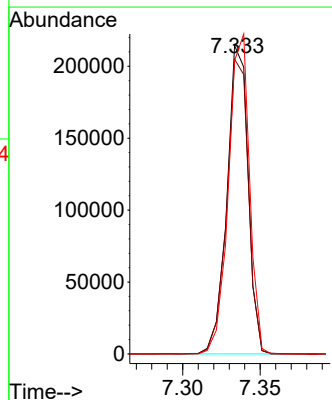
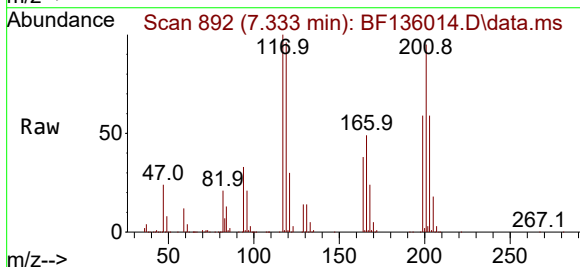
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05MSD

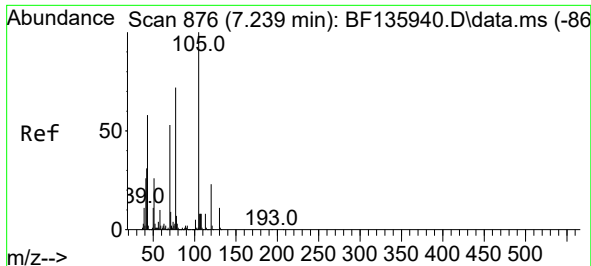
Tgt Ion:107 Resp: 420207
Ion Ratio Lower Upper
107 100
108 114.0 89.8 134.6
77 43.9 34.2 51.2
79 44.2 34.6 52.0



#18
Hexachloroethane
Concen: 50.744 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

Tgt Ion:117 Resp: 203699
Ion Ratio Lower Upper
117 100
119 95.6 77.3 115.9
201 95.1 72.8 109.2





#19

n-Nitroso-di-n-propylamine

Concen: 47.776 ng

RT: 7.245 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-05MSD

Tgt Ion: 70 Resp: 361567

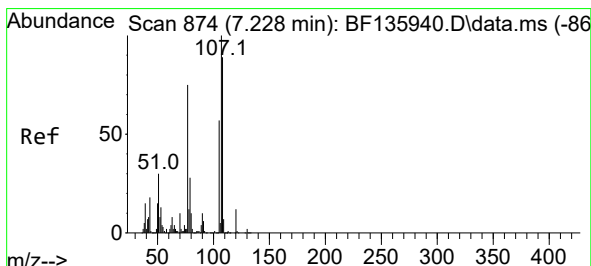
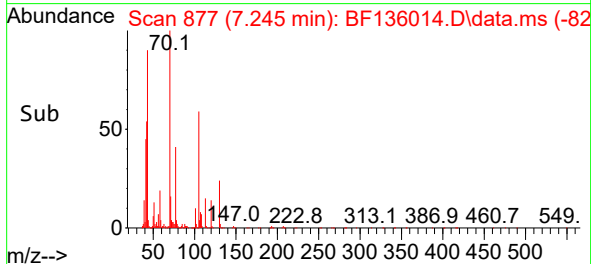
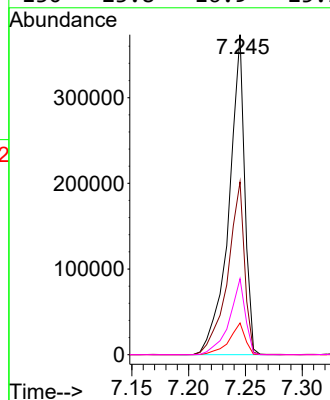
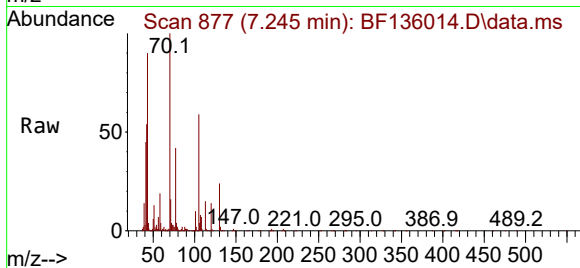
Ion Ratio Lower Upper

70 100

42 54.0 47.3 70.9

101 9.9 7.8 11.8

130 23.8 16.9 25.3



#20

3+4-Methylphenols

Concen: 43.529 ng

RT: 7.233 min Scan# 875

Delta R.T. 0.006 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

Tgt Ion: 107 Resp: 512414

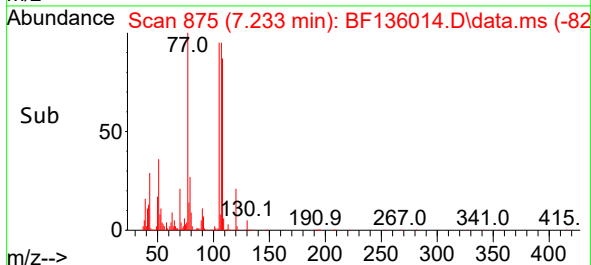
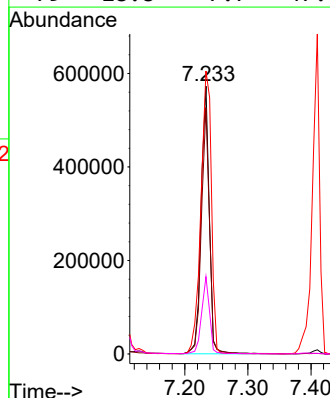
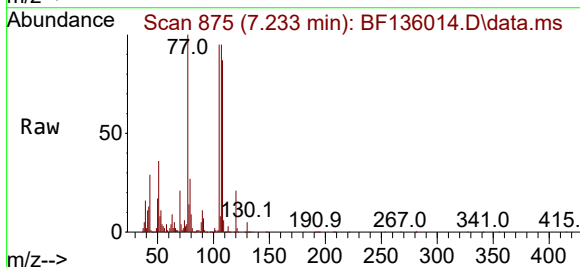
Ion Ratio Lower Upper

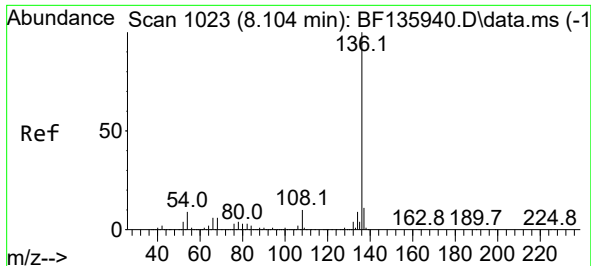
107 100

108 92.0 69.1 109.1

77 105.6 55.0 95.0#

79 28.8 7.7 47.7

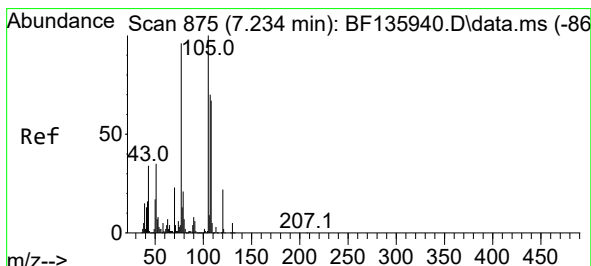
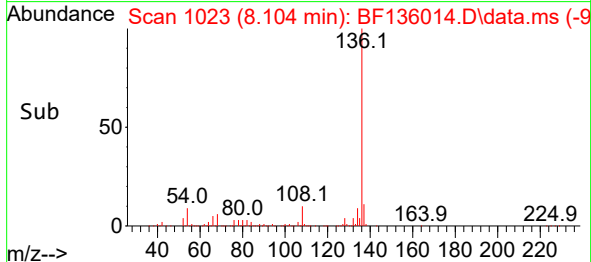
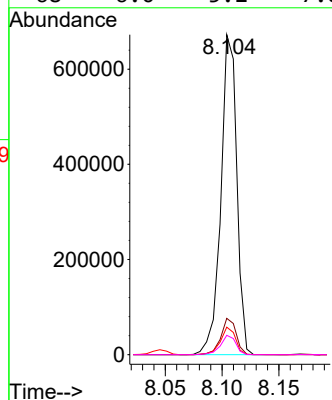
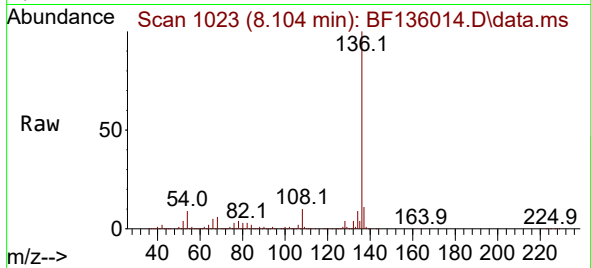




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

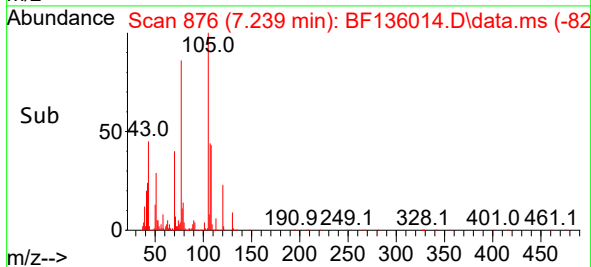
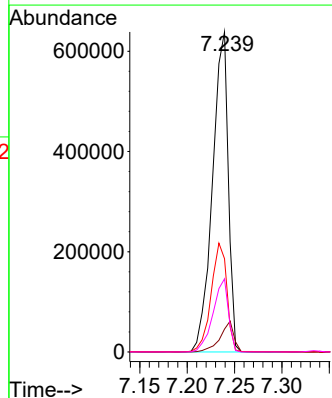
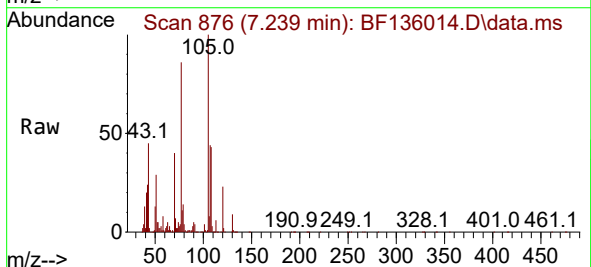
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05MSD

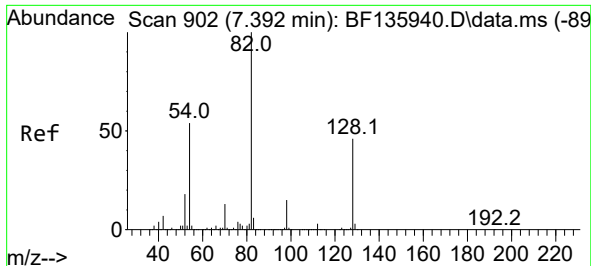
Tgt Ion:136 Resp: 656676
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 8.6 7.1 10.7
68 6.0 5.2 7.8



#22
Acetophenone
Concen: 49.666 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

Tgt Ion:105 Resp: 736623
Ion Ratio Lower Upper
105 100
71 7.1 3.4 5.2#
51 29.1 28.4 42.6
120 22.8 17.8 26.6





#23

Nitrobenzene-d5

Concen: 102.416 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

Instrument :

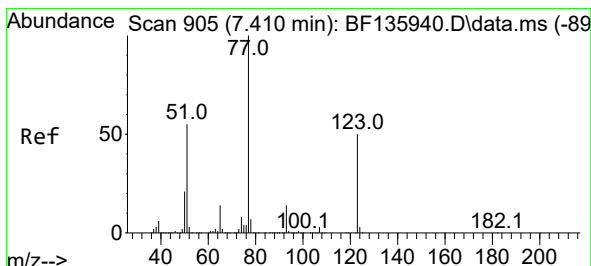
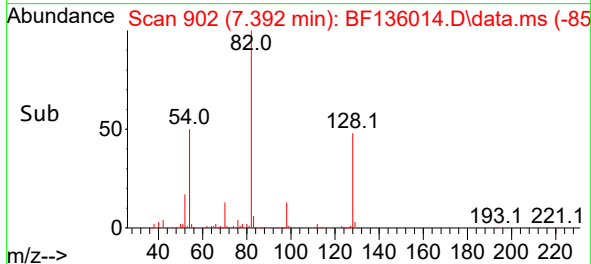
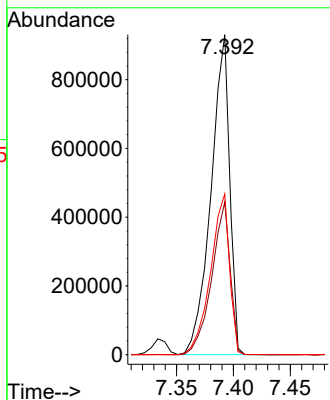
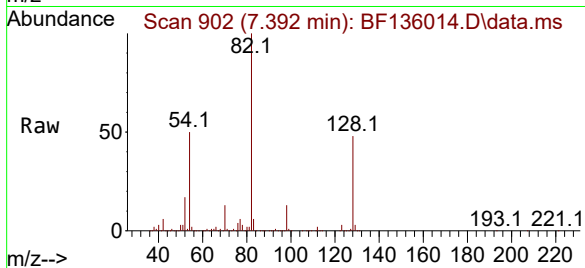
BNA_F

ClientSampleId :

OR-603-COMP-05MSD

Tgt Ion: 82 Resp: 1064512

Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.8	55.2
54	50.3	43.4	65.0



#24

Nitrobenzene

Concen: 50.175 ng

RT: 7.410 min Scan# 905

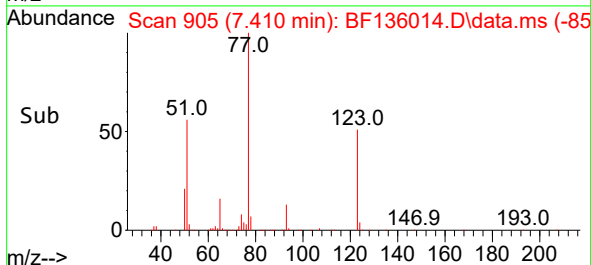
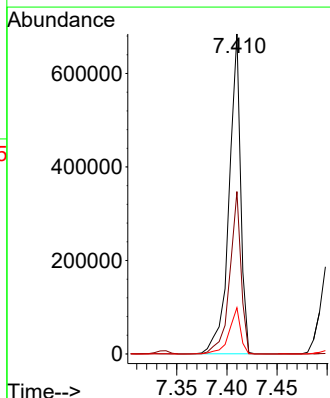
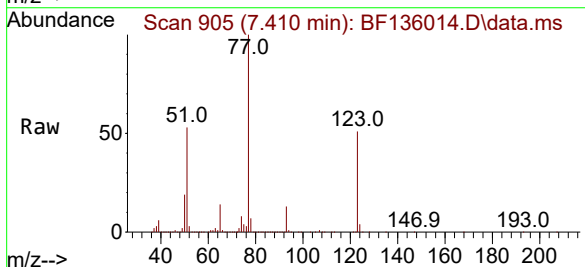
Delta R.T. -0.000 min

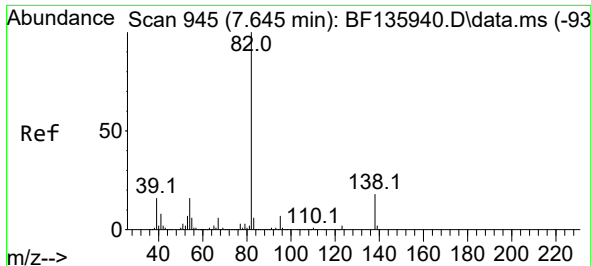
Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

Tgt Ion: 77 Resp: 546989

Ion	Ratio	Lower	Upper
77	100		
123	50.7	40.2	60.2
65	14.5	11.0	16.4





#25

Isophorone

Concen: 50.318 ng

RT: 7.645 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-05MSD

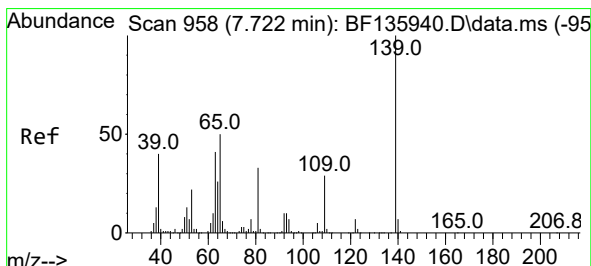
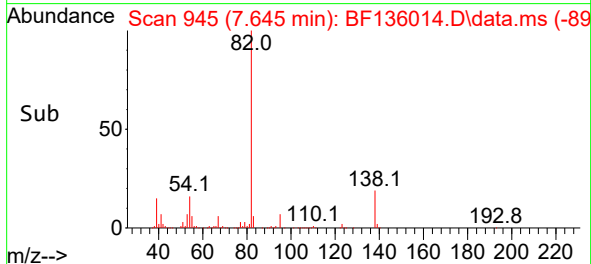
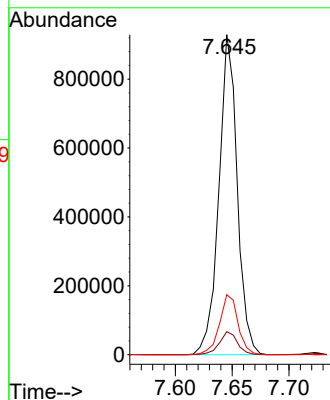
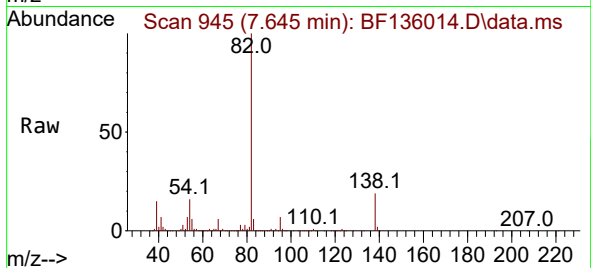
Tgt Ion: 82 Resp: 1044440

Ion Ratio Lower Upper

82 100

95 7.2 5.6 8.4

138 18.7 14.8 22.2



#26

2-Nitrophenol

Concen: 62.809 ng

RT: 7.722 min Scan# 958

Delta R.T. -0.000 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

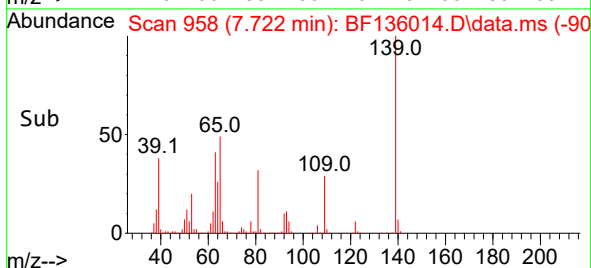
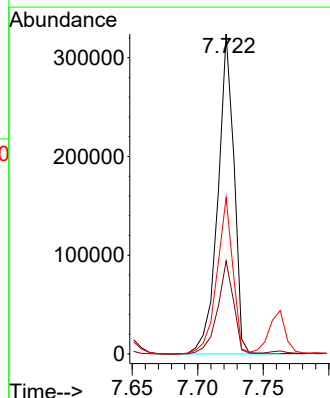
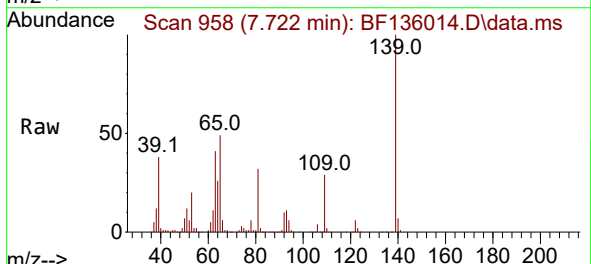
Tgt Ion:139 Resp: 276245

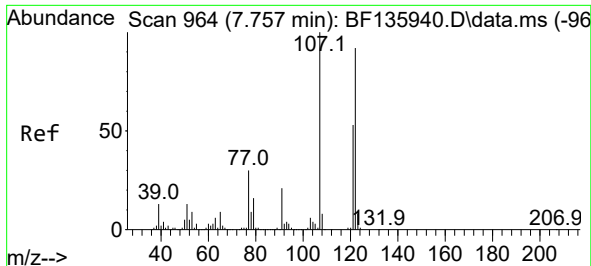
Ion Ratio Lower Upper

139 100

109 29.0 23.1 34.7

65 48.9 39.8 59.8





#27

2,4-Dimethylphenol

Concen: 45.118 ng

RT: 7.763 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF136014.D

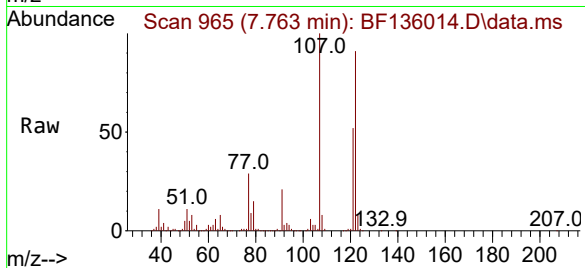
Acq: 28 Oct 2023 19:44

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-05MSD



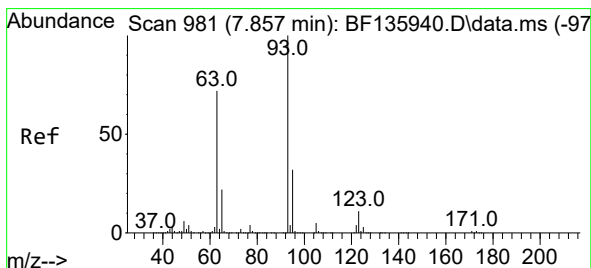
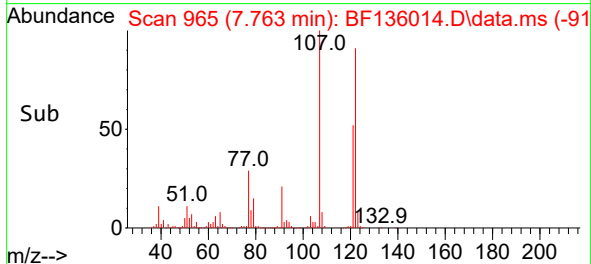
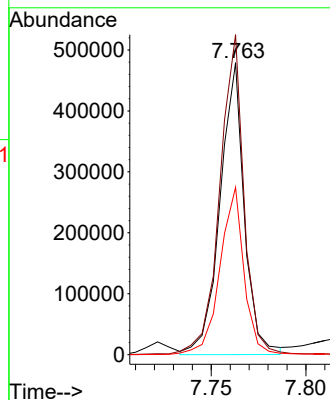
Tgt Ion:122 Resp: 426828

Ion Ratio Lower Upper

122 100

107 109.6 87.1 130.7

121 57.3 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 49.558 ng

RT: 7.863 min Scan# 982

Delta R.T. 0.006 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

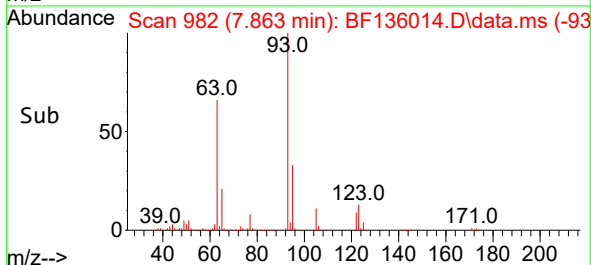
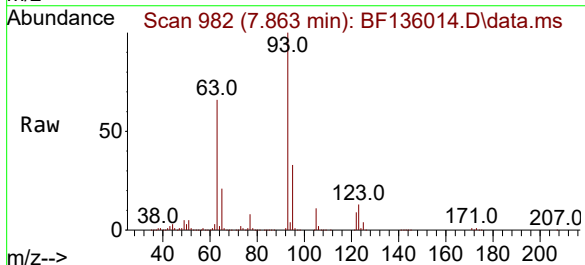
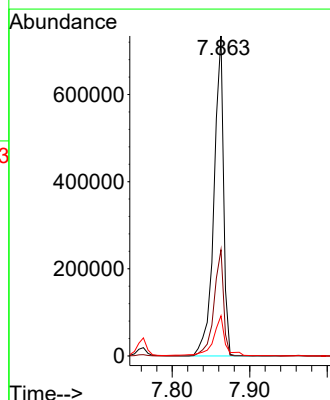
Tgt Ion: 93 Resp: 631685

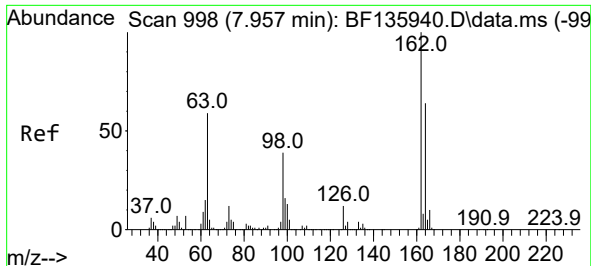
Ion Ratio Lower Upper

93 100

95 33.2 25.9 38.9

123 12.6 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 53.879 ng

RT: 7.963 min Scan# 99

Delta R.T. 0.006 min

Lab File: BF136014.D

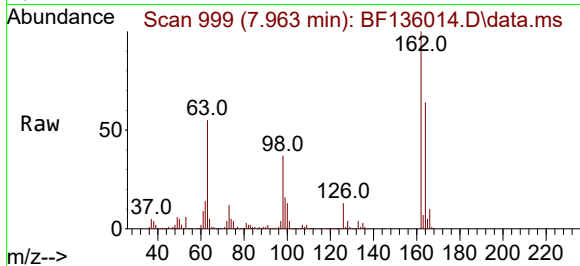
Acq: 28 Oct 2023 19:44

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-05MSD



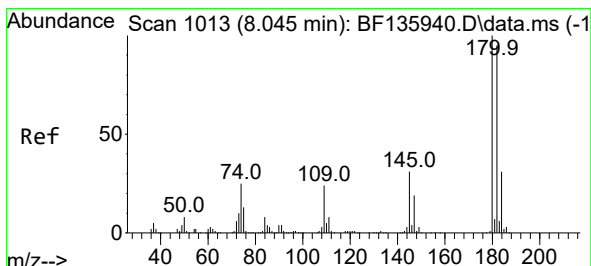
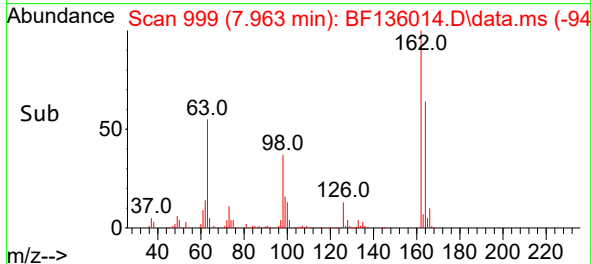
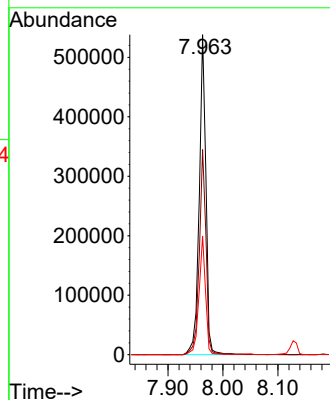
Tgt Ion:162 Resp: 456434

Ion Ratio Lower Upper

162 100

164 64.1 43.7 83.7

98 37.1 18.8 58.8



#30

1,2,4-Trichlorobenzene

Concen: 51.398 ng

RT: 8.045 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

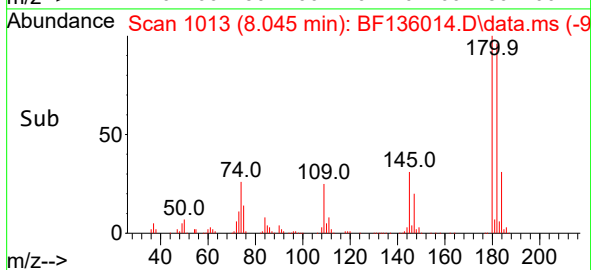
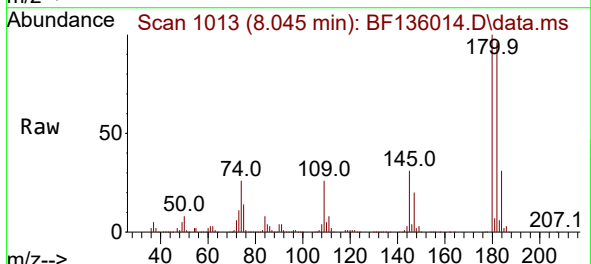
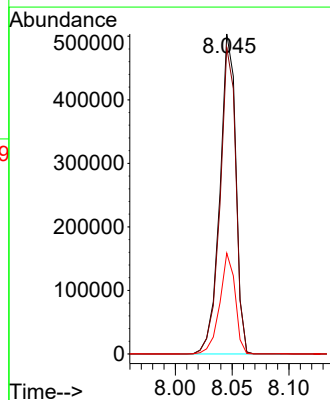
Tgt Ion:180 Resp: 492992

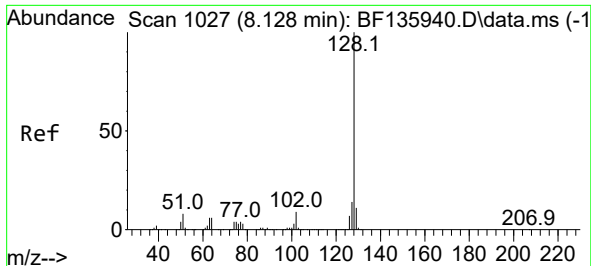
Ion Ratio Lower Upper

180 100

182 95.8 76.0 114.0

145 31.5 24.6 36.8

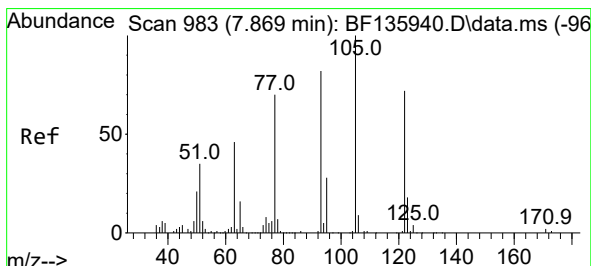
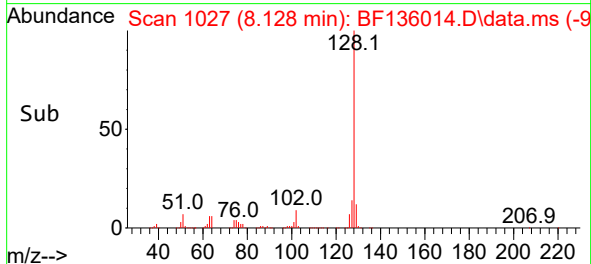
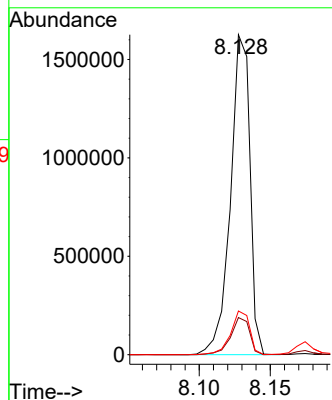
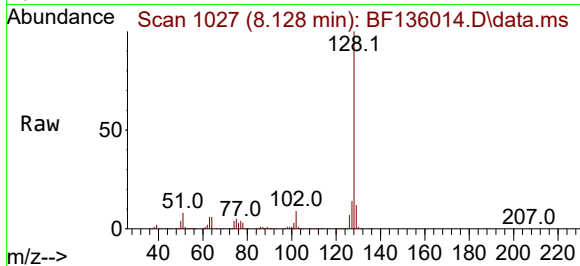




#31
Naphthalene
Concen: 48.824 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

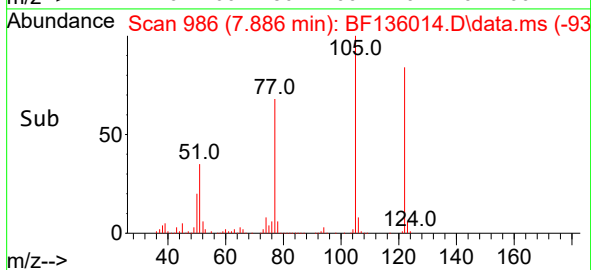
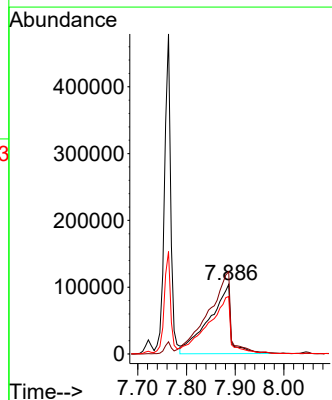
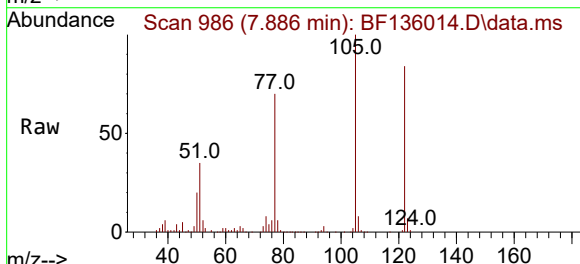
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05MSD

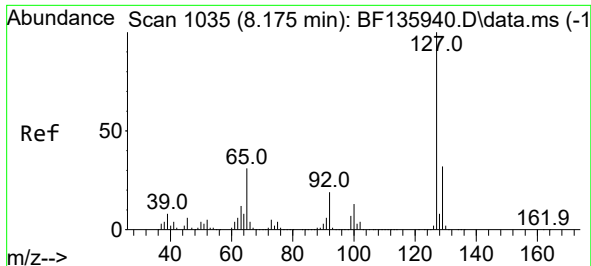
Tgt Ion:128 Resp: 1550090
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 61.369 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.017 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

Tgt Ion:122 Resp: 327046
Ion Ratio Lower Upper
122 100
105 118.5 113.1 153.1
77 82.8 75.2 115.2

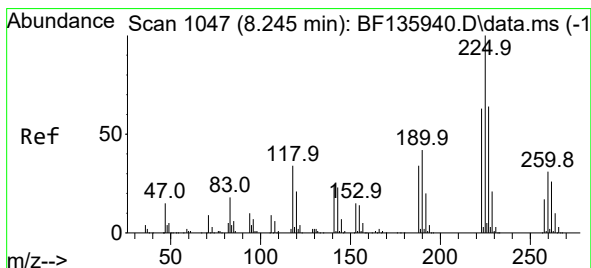
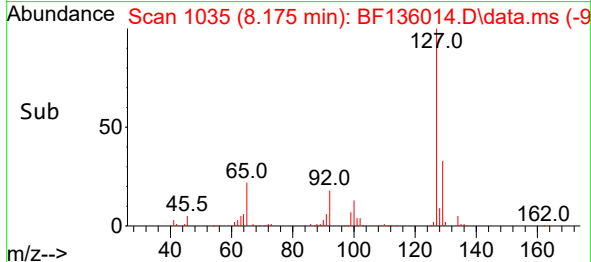
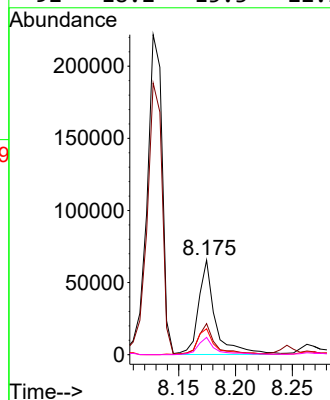
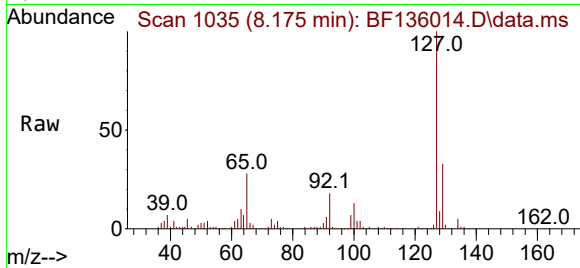




#33
4-Chloroaniline
Concen: 4.751 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

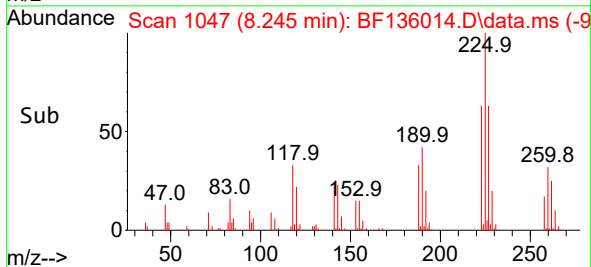
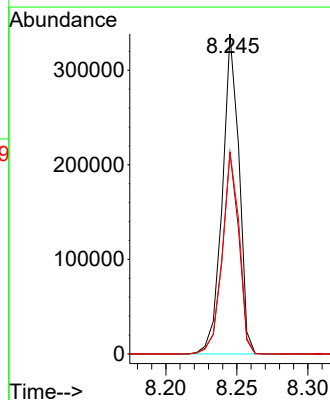
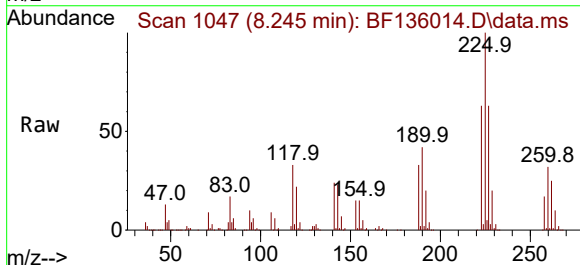
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05MSD

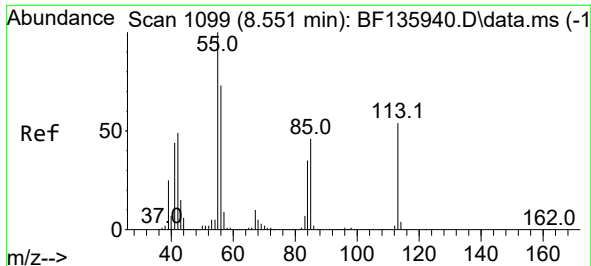
Tgt Ion:	127	Resp:	66667
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.7	38.5
65	27.5	24.8	37.2
92	18.2	15.3	22.9



#34
Hexachlorobutadiene
Concen: 50.886 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

Tgt Ion:	225	Resp:	275105
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	75.8
227	63.1	50.9	76.3

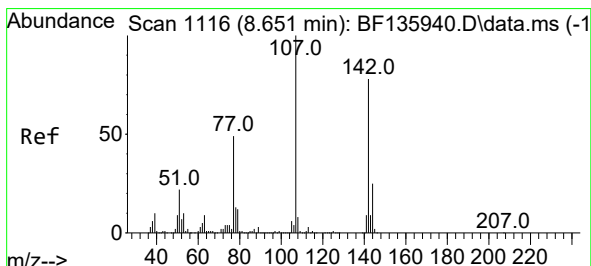
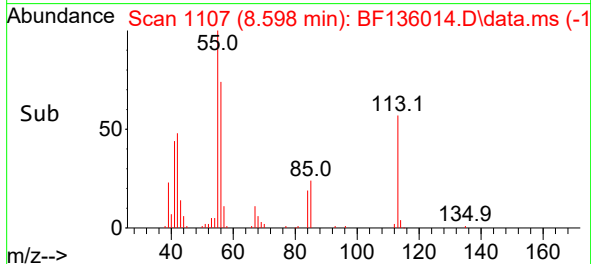
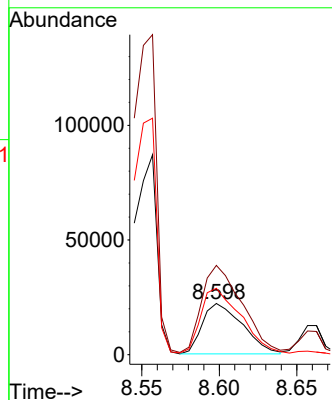
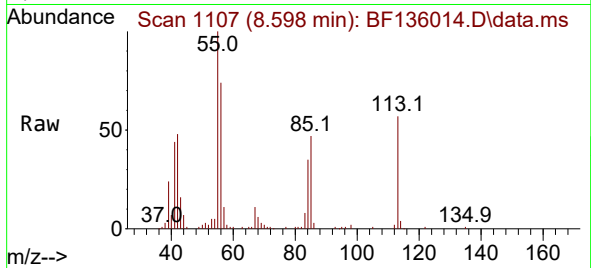




#35
 Caprolactam
 Concen: 14.030 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.047 min
 Lab File: BF136014.D
 Acq: 28 Oct 2023 19:44

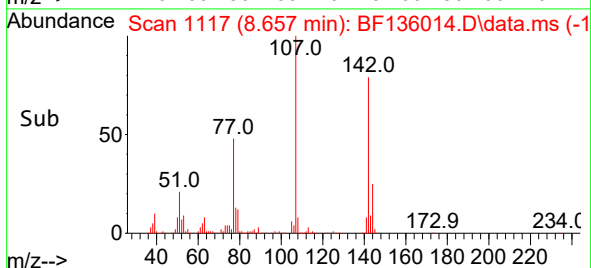
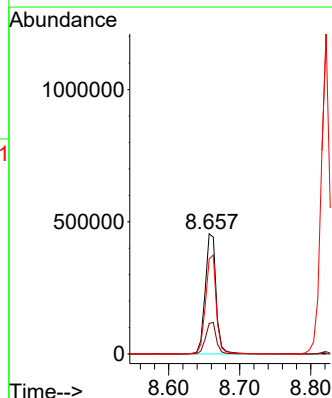
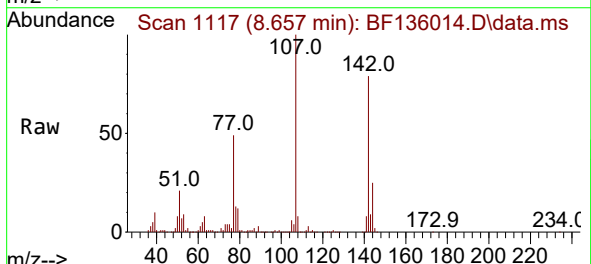
Instrument :
 BNA_F
 ClientSampleId :
 OR-603-COMP-05MSD

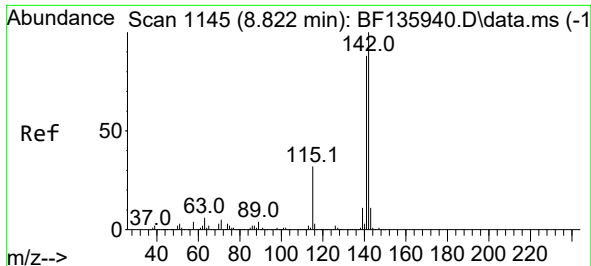
Tgt Ion:113 Resp: 39552
 Ion Ratio Lower Upper
 113 100
 55 174.5 165.4 205.4
 56 129.7 115.2 155.2



#36
 4-Chloro-3-methylphenol
 Concen: 54.182 ng
 RT: 8.657 min Scan# 1117
 Delta R.T. 0.006 min
 Lab File: BF136014.D
 Acq: 28 Oct 2023 19:44

Tgt Ion:107 Resp: 487774
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.9 29.9
 142 78.9 62.8 94.2

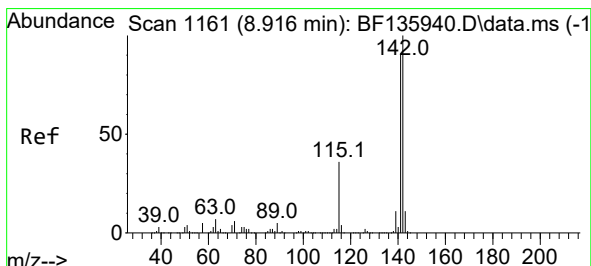
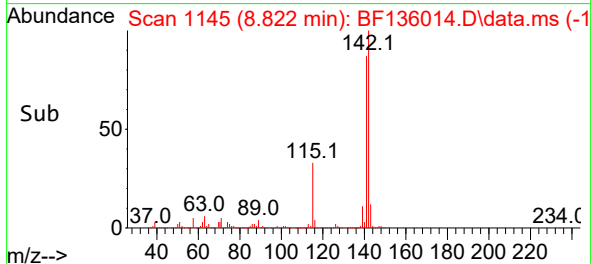
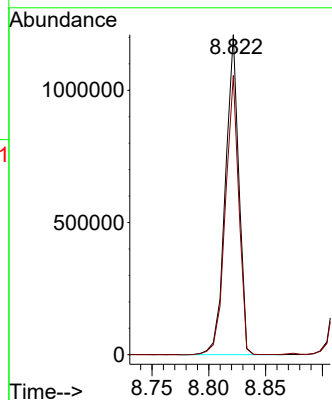
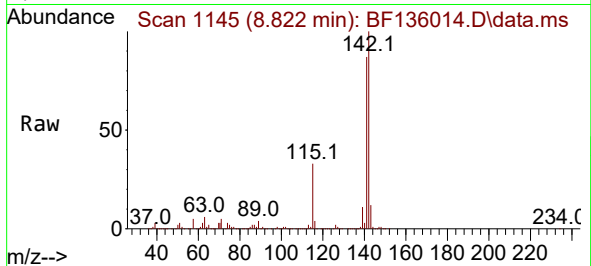




#37
2-Methylnaphthalene
Concen: 47.545 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

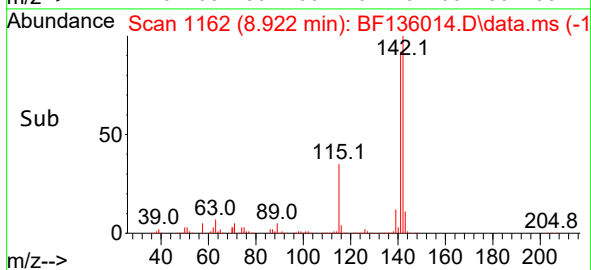
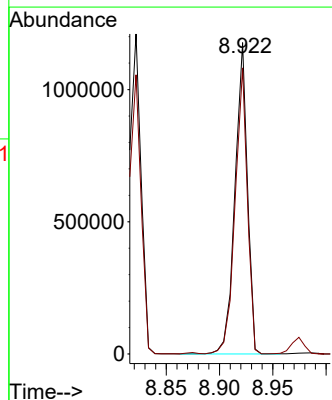
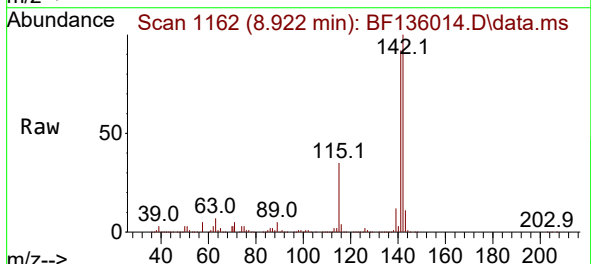
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05MSD

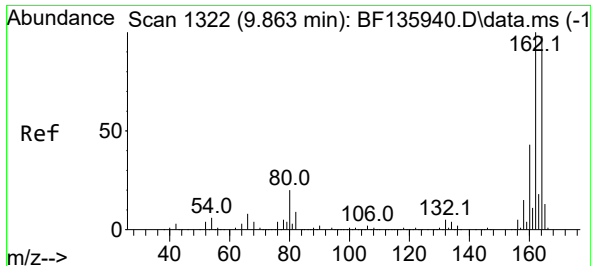
Tgt Ion:142 Resp: 998725
Ion Ratio Lower Upper
142 100
141 87.3 70.4 105.6



#38
1-Methylnaphthalene
Concen: 49.009 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

Tgt Ion:142 Resp: 961964
Ion Ratio Lower Upper
142 100
141 91.9 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1173

Delta R.T. 0.006 min

Lab File: BF136014.D

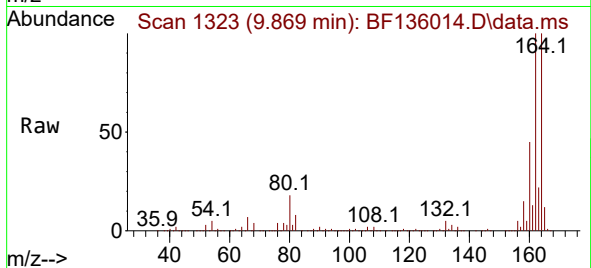
Acq: 28 Oct 2023 19:44

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-05MSD



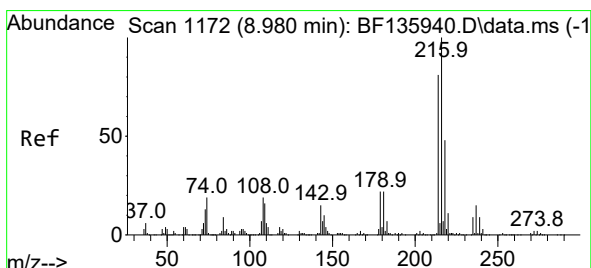
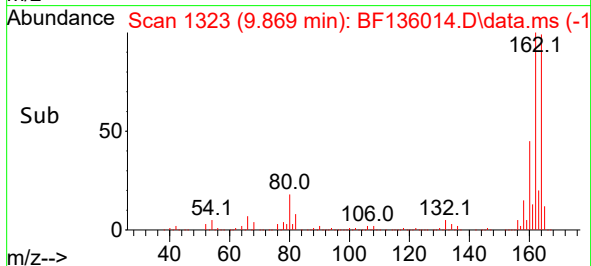
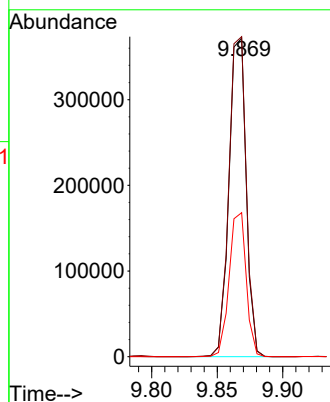
Tgt Ion:164 Resp: 339035

Ion Ratio Lower Upper

164 100

162 100.4 82.0 123.0

160 45.2 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.462 ng

RT: 8.986 min Scan# 1173

Delta R.T. 0.006 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

Tgt Ion:216 Resp: 473636

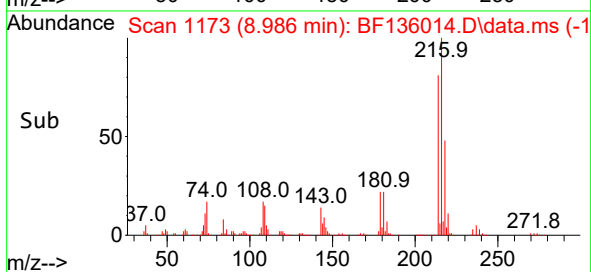
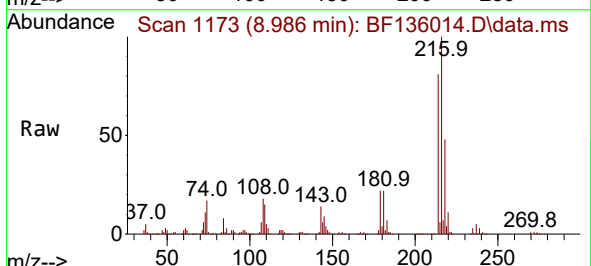
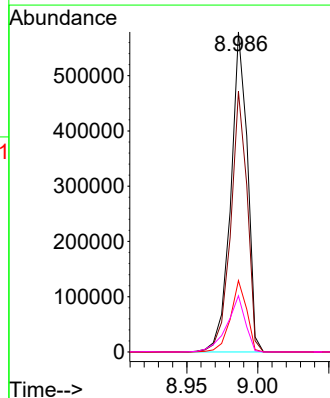
Ion Ratio Lower Upper

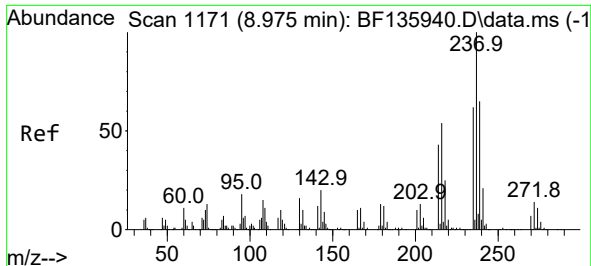
216 100

214 79.9 63.3 94.9

179 21.6 17.3 25.9

108 19.4 15.2 22.8

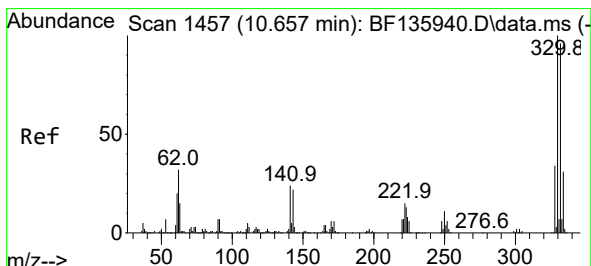
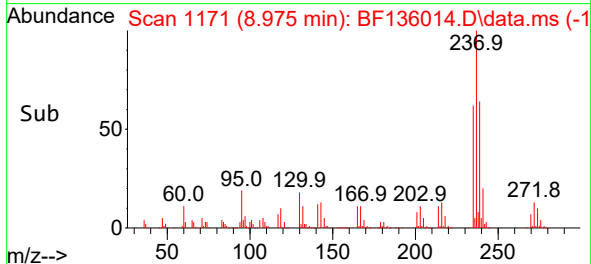
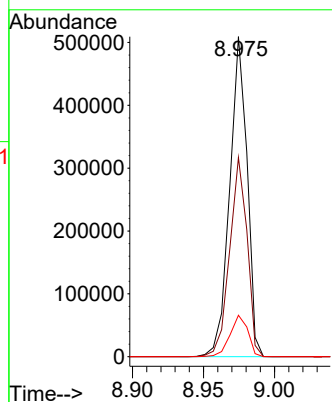
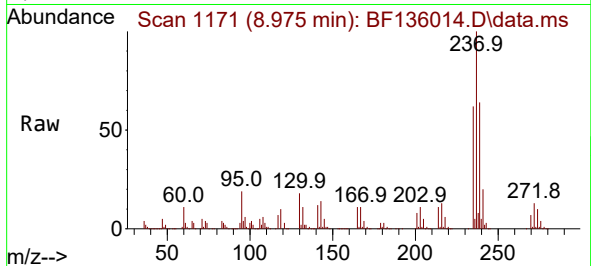




#41
Hexachlorocyclopentadiene
Concen: 91.854 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

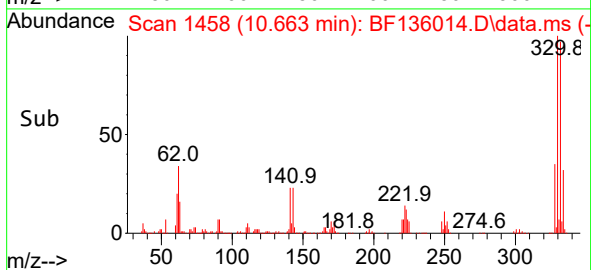
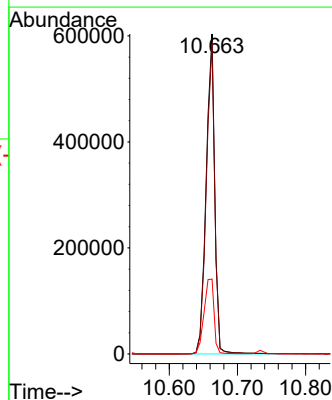
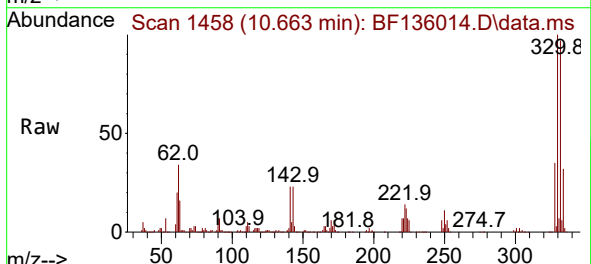
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05MSD

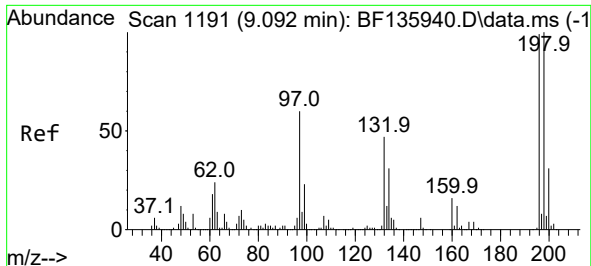
Tgt Ion:237 Resp: 433700
Ion Ratio Lower Upper
237 100
235 62.3 41.7 81.7
272 13.0 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 178.170 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

Tgt Ion:330 Resp: 528730
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 27.4 24.9 37.3

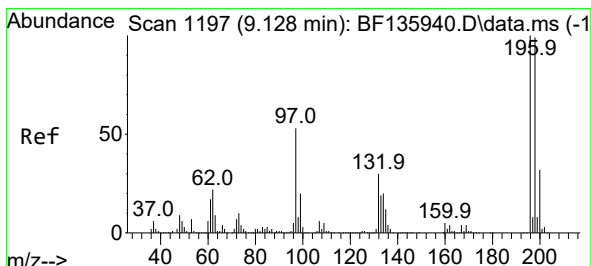
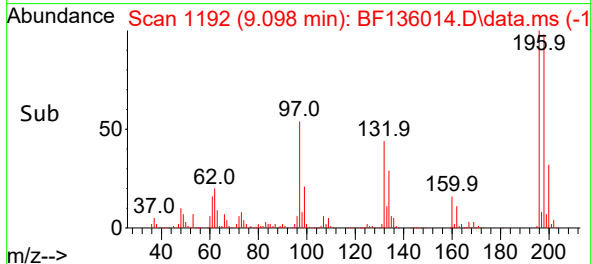
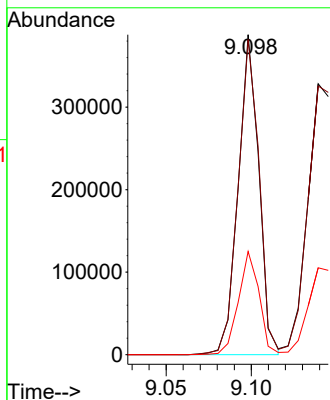
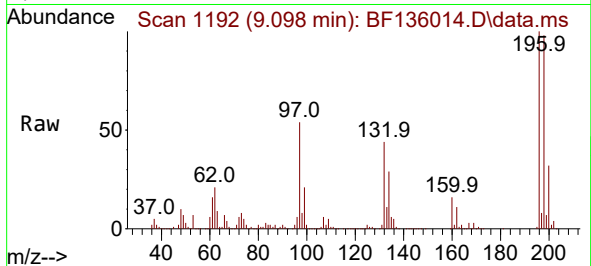




#43
 2,4,6-Trichlorophenol
 Concen: 58.132 ng
 RT: 9.098 min Scan# 1191
 Delta R.T. 0.006 min
 Lab File: BF136014.D
 Acq: 28 Oct 2023 19:44

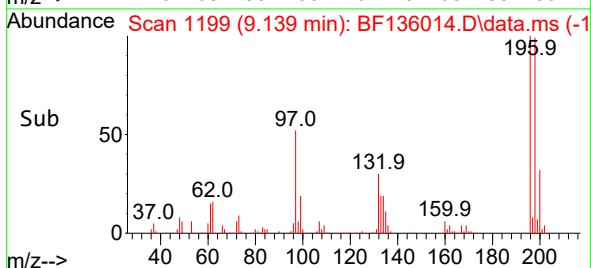
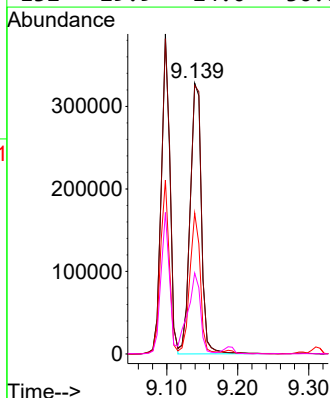
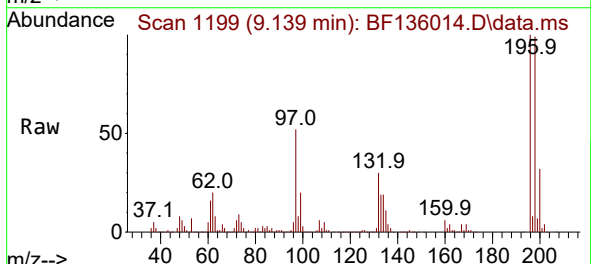
Instrument :
 BNA_F
 ClientSampleId :
 OR-603-COMP-05MSD

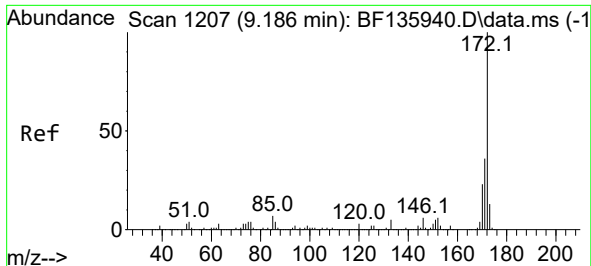
Tgt Ion:196 Resp: 325804
 Ion Ratio Lower Upper
 196 100
 198 98.5 81.0 121.4
 200 32.3 25.4 38.0



#44
 2,4,5-Trichlorophenol
 Concen: 54.432 ng
 RT: 9.139 min Scan# 1199
 Delta R.T. 0.012 min
 Lab File: BF136014.D
 Acq: 28 Oct 2023 19:44

Tgt Ion:196 Resp: 362211
 Ion Ratio Lower Upper
 196 100
 198 99.2 79.1 118.7
 97 52.0 42.3 63.5
 132 29.9 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 89.899 ng

RT: 9.192 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-05MSD

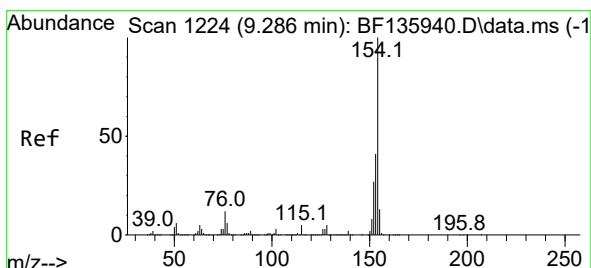
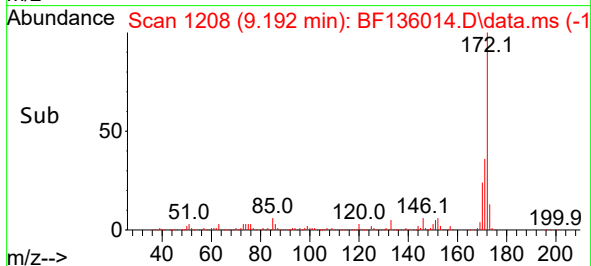
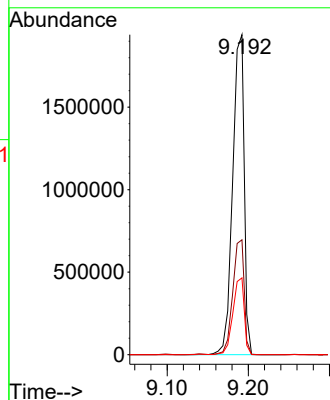
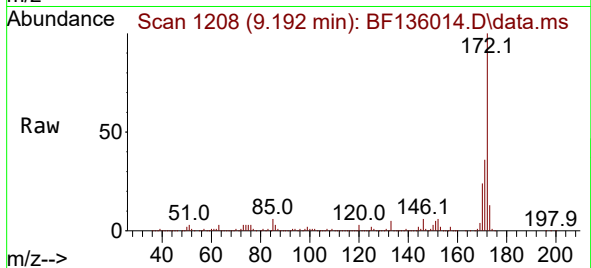
Tgt Ion:172 Resp: 1903447

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 24.0 18.6 28.0



#46

1,1'-Biphenyl

Concen: 49.614 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.006 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

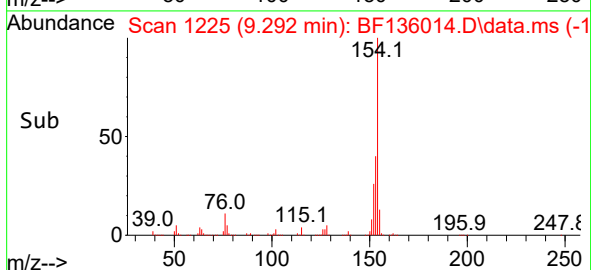
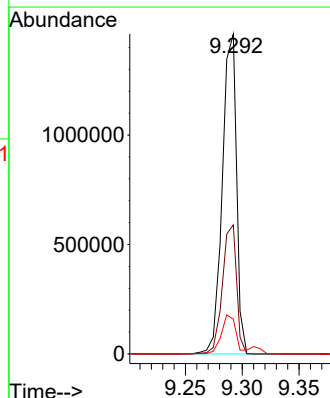
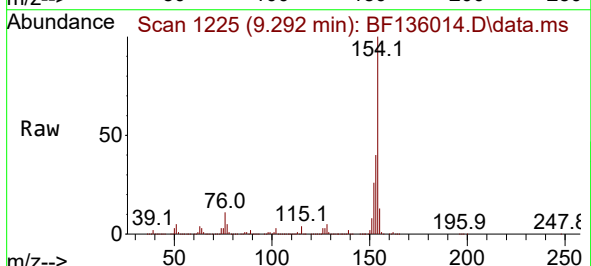
Tgt Ion:154 Resp: 1274580

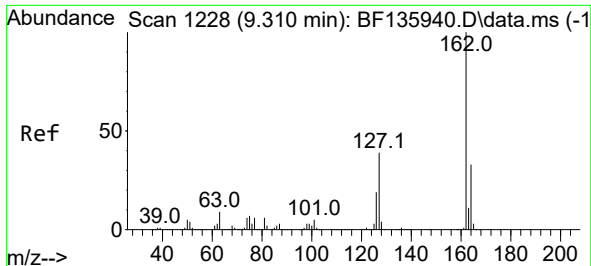
Ion Ratio Lower Upper

154 100

153 40.3 20.7 60.7

76 10.8 0.0 32.4

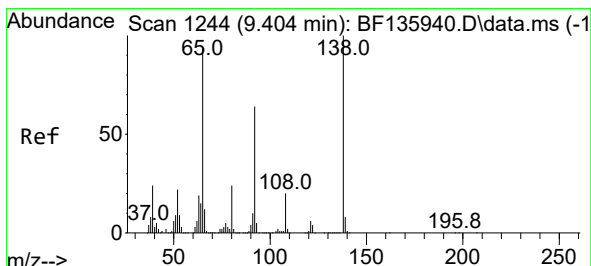
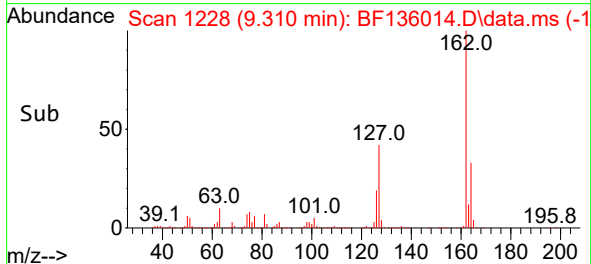
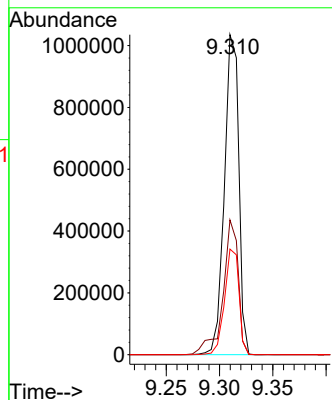
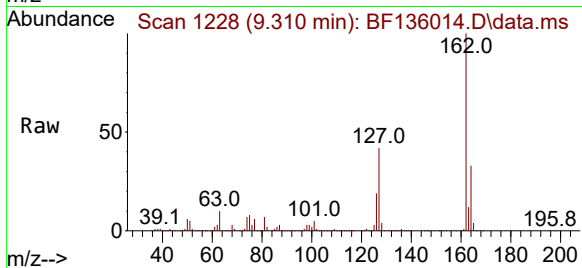




#47
2-Chloronaphthalene
Concen: 51.090 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

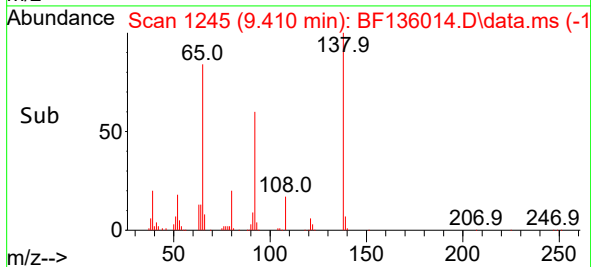
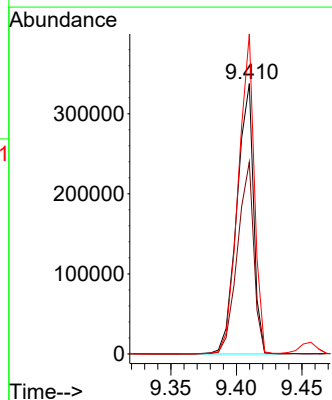
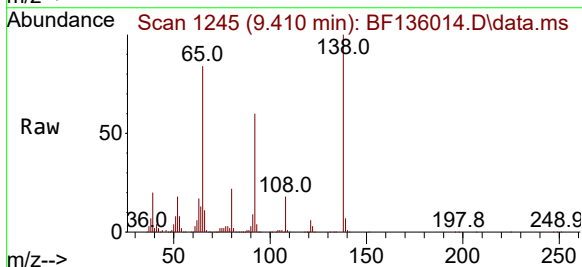
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05MSD

Tgt Ion:162 Resp: 970800
Ion Ratio Lower Upper
162 100
127 42.1 31.0 46.4
164 33.0 26.6 39.8



#48
2-Nitroaniline
Concen: 55.605 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

Tgt Ion: 65 Resp: 299294
Ion Ratio Lower Upper
65 100
92 71.0 54.9 82.3
138 118.4 85.2 127.8





#49

Acenaphthylene

Concen: 51.208 ng

RT: 9.727 min Scan# 1299

Delta R.T. -0.000 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-05MSD

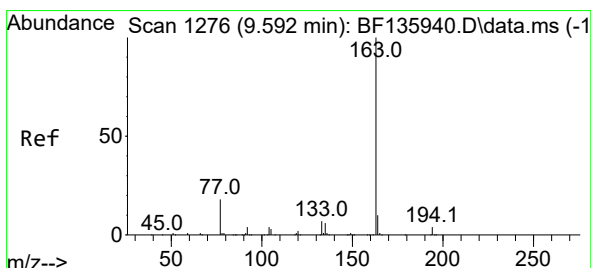
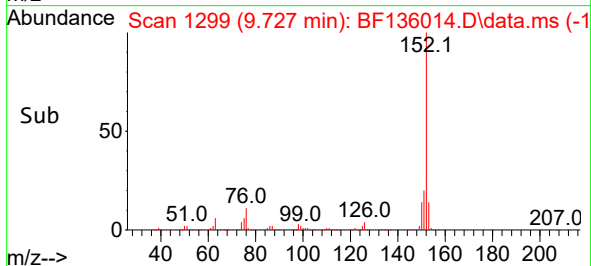
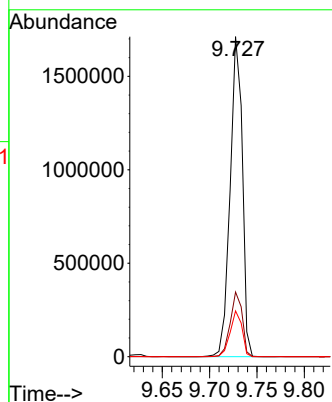
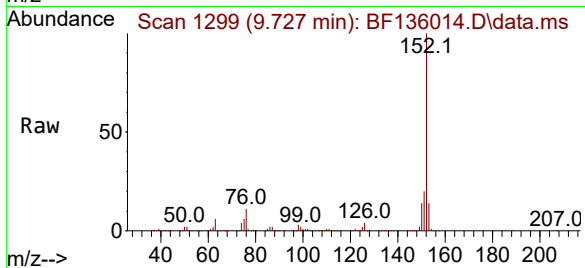
Tgt Ion:152 Resp: 1535066

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 14.3 11.0 16.6



#50

Dimethylphthalate

Concen: 51.851 ng

RT: 9.598 min Scan# 1277

Delta R.T. 0.006 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

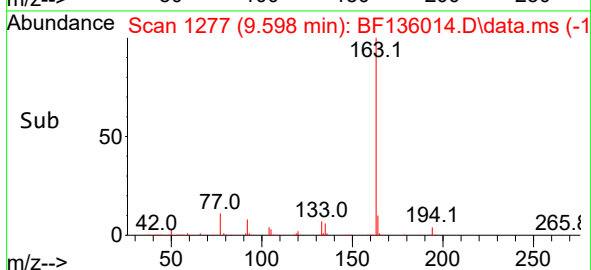
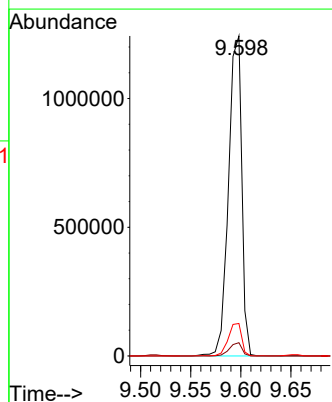
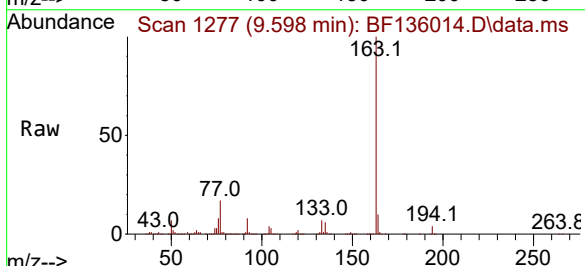
Tgt Ion:163 Resp: 1140011

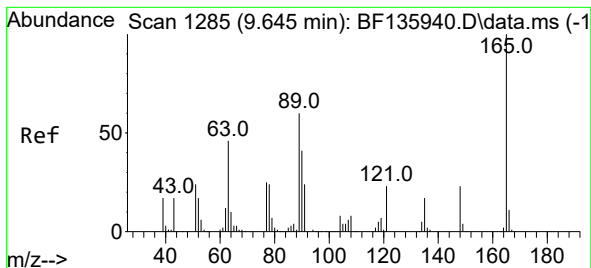
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.1 8.3 12.5

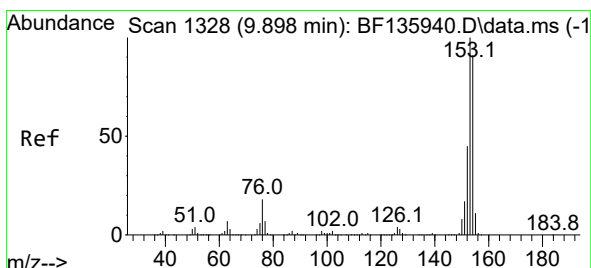
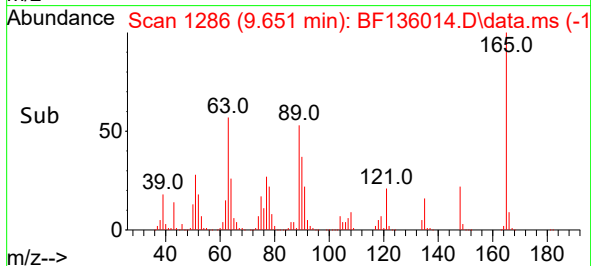
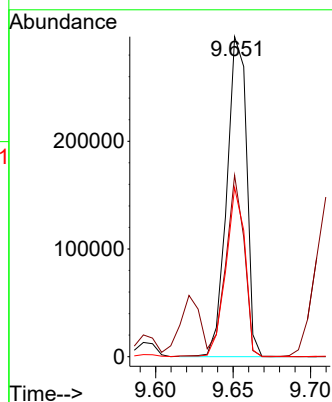
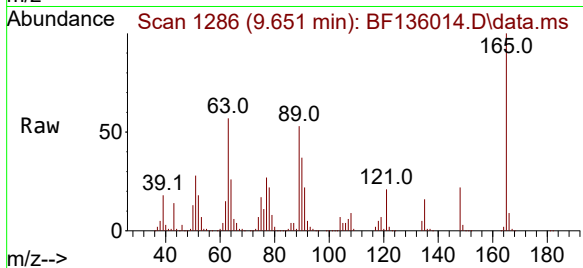




#51
2,6-Dinitrotoluene
Concen: 56.922 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

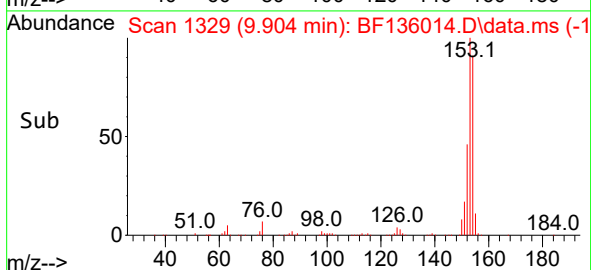
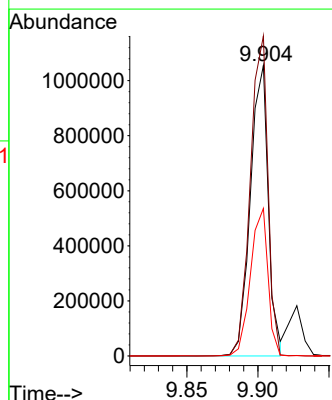
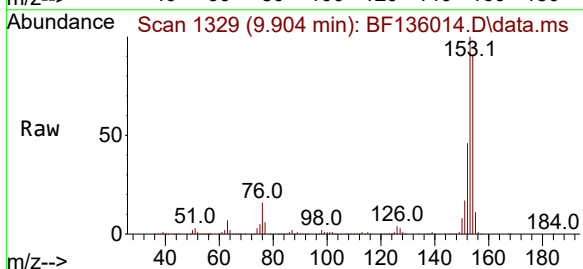
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05MSD

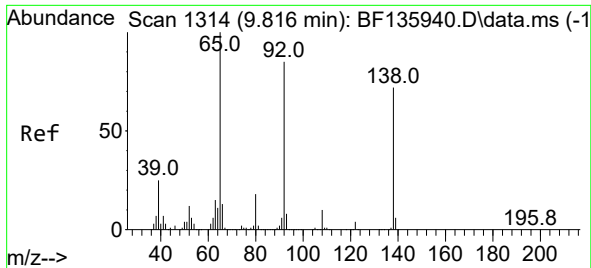
Tgt Ion:165 Resp: 264040
Ion Ratio Lower Upper
165 100
63 56.7 51.7 77.5
89 52.8 48.3 72.5



#52
Acenaphthene
Concen: 48.197 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

Tgt Ion:154 Resp: 925937
Ion Ratio Lower Upper
154 100
153 110.1 88.0 132.0
152 50.8 39.4 59.2

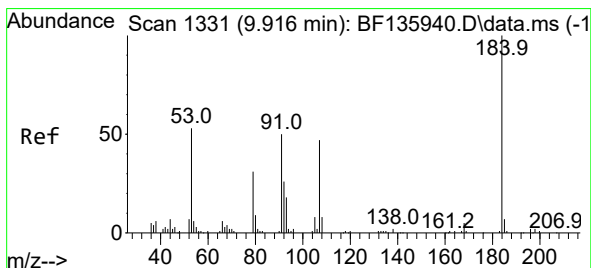
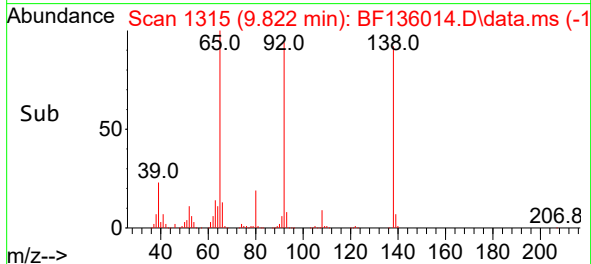
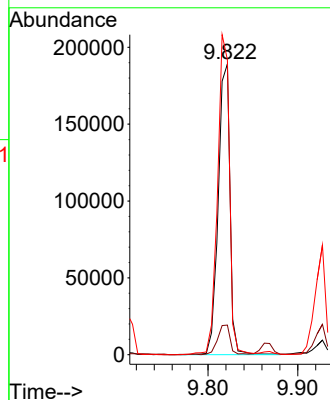
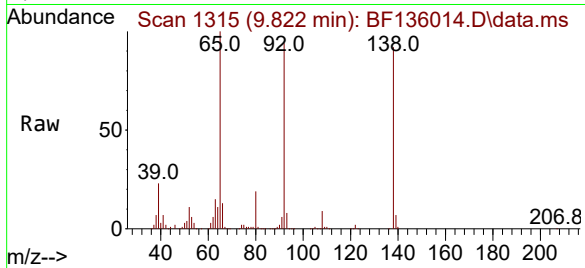




#53
3-Nitroaniline
Concen: 33.058 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

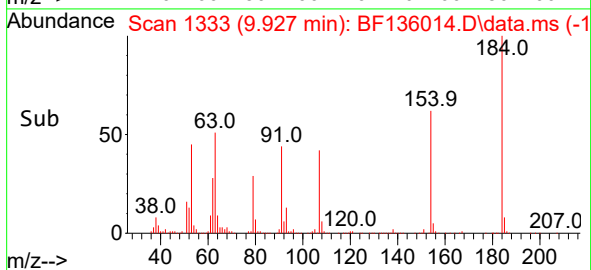
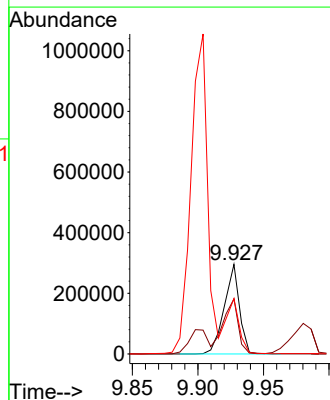
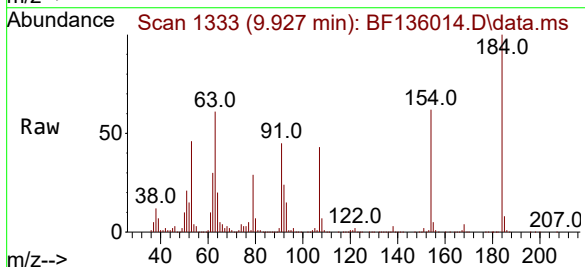
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05MSD

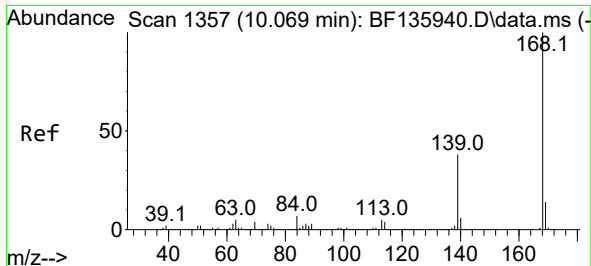
Tgt Ion:138 Resp: 171745
Ion Ratio Lower Upper
138 100
108 10.2 11.3 16.9#
92 101.4 95.0 142.6



#54
2,4-Dinitrophenol
Concen: 106.446 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.011 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

Tgt Ion:184 Resp: 238160
Ion Ratio Lower Upper
184 100
63 61.4 56.3 84.5
154 61.8 48.1 72.1

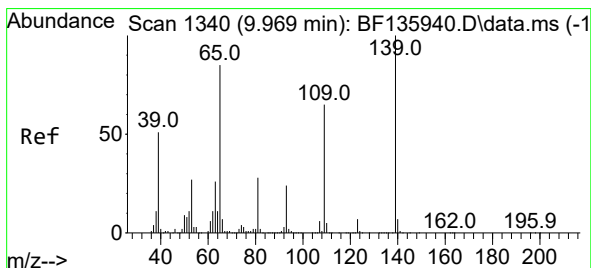
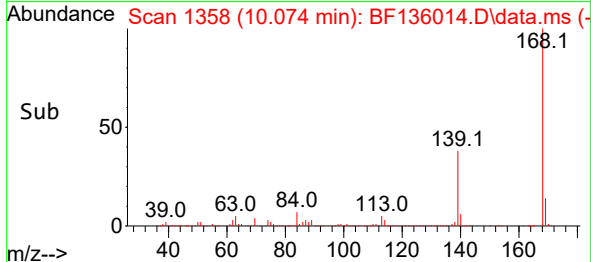
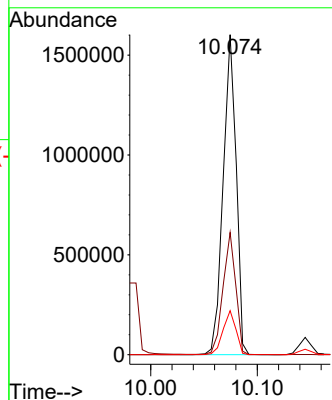
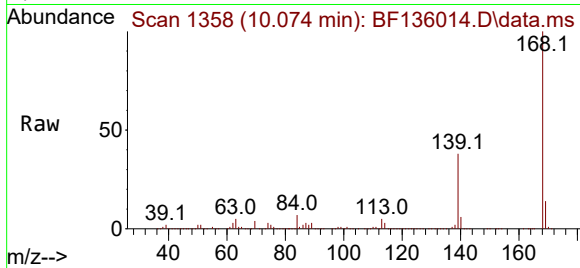




#55
Dibenzenofuran
Concen: 48.727 ng
RT: 10.074 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

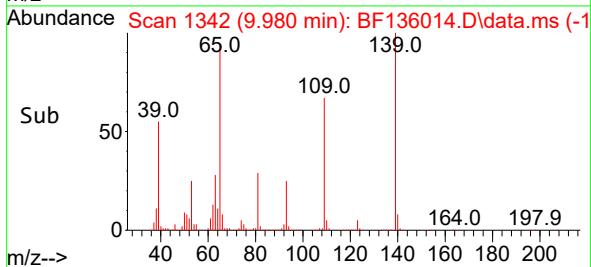
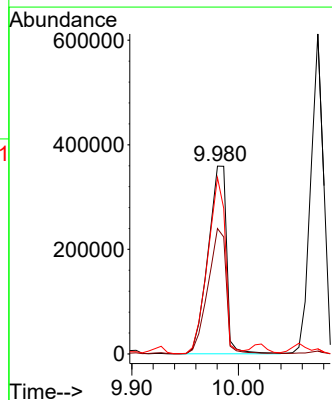
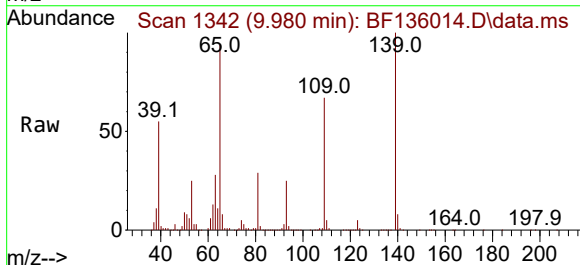
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05MSD

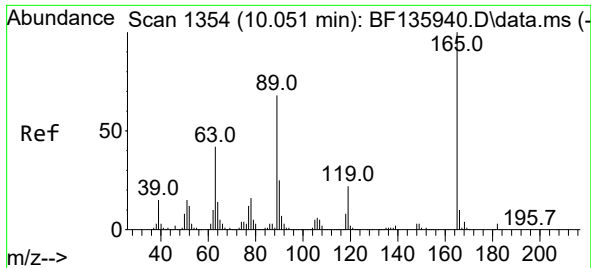
Tgt Ion:168 Resp: 1352372
Ion Ratio Lower Upper
168 100
139 38.2 30.7 46.1
169 13.7 11.1 16.7



#56
4-Nitrophenol
Concen: 96.646 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.011 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

Tgt Ion:139 Resp: 434844
Ion Ratio Lower Upper
139 100
109 66.7 45.2 85.2
65 93.8 65.1 105.1

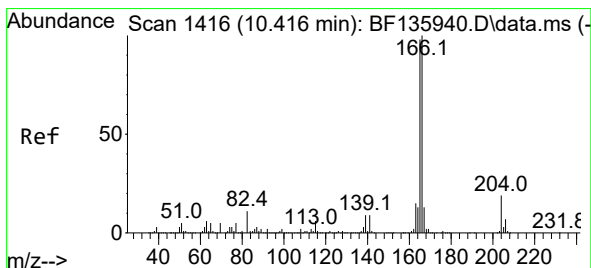
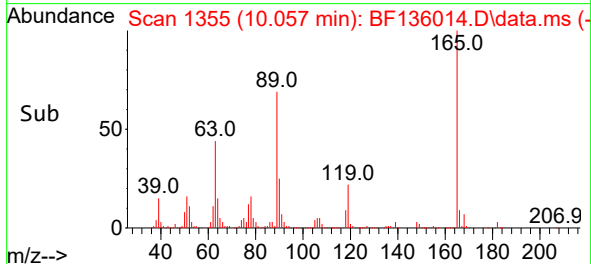
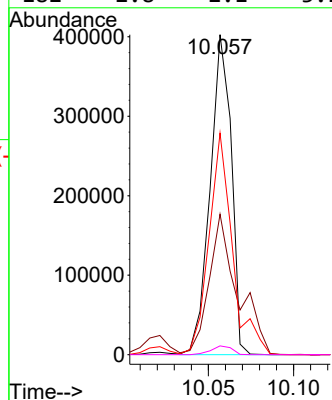
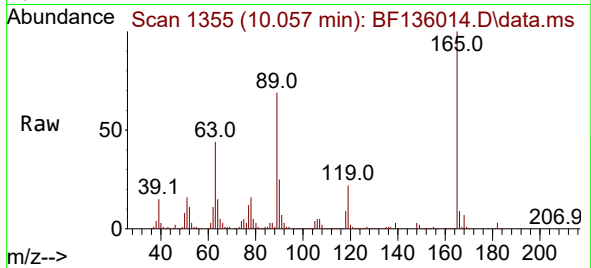




#57
2,4-Dinitrotoluene
Concen: 59.775 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

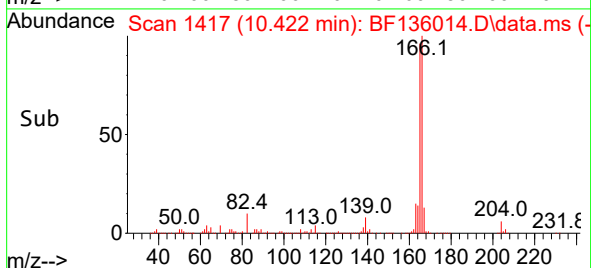
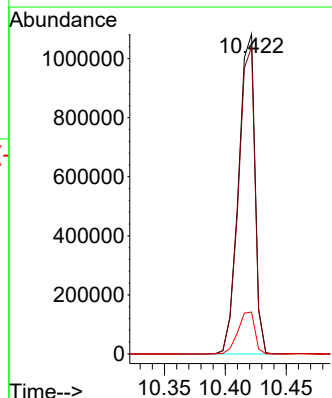
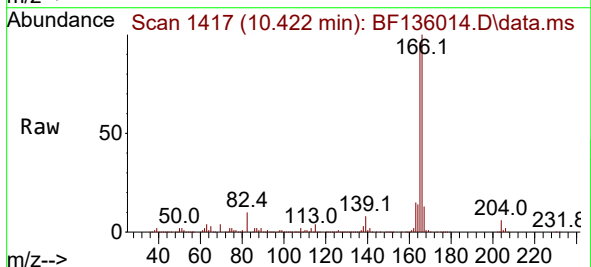
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05MSD

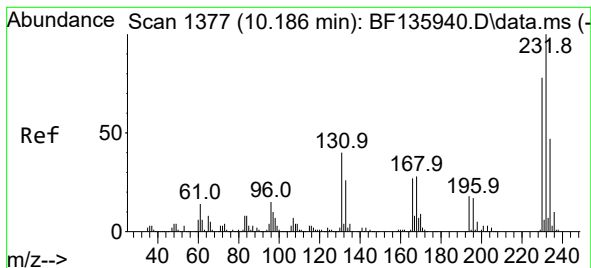
Tgt Ion:165 Resp: 346435
Ion Ratio Lower Upper
165 100
63 43.9 33.7 50.5
89 69.3 54.6 81.8
182 2.8 2.1 3.1



#58
Fluorene
Concen: 48.797 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

Tgt Ion:166 Resp: 1013217
Ion Ratio Lower Upper
166 100
165 96.0 78.0 117.0
167 13.1 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 59.549 ng

RT: 10.192 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-05MSD

Tgt Ion:232 Resp: 298184

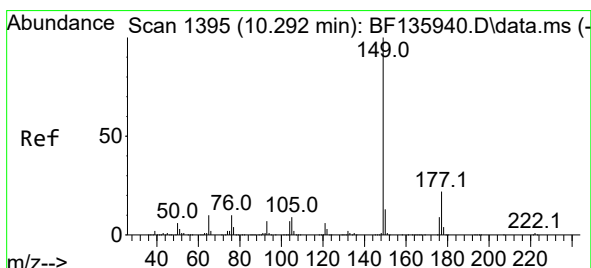
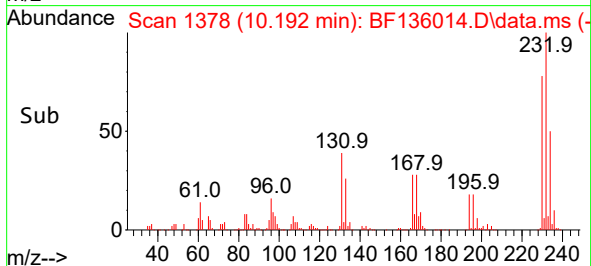
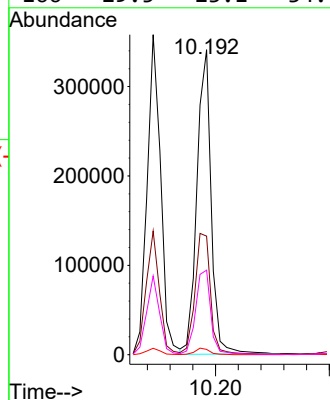
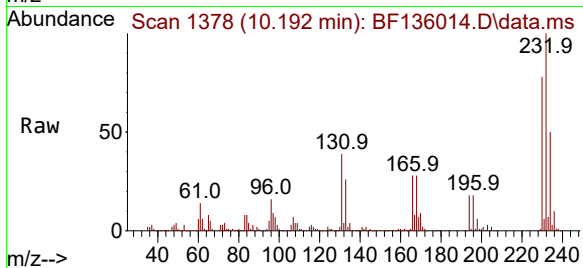
Ion Ratio Lower Upper

232 100

131 43.0 35.2 52.8

130 2.2 1.7 2.5

166 29.5 23.1 34.7



#60

Diethylphthalate

Concen: 51.840 ng

RT: 10.298 min Scan# 1396

Delta R.T. 0.006 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

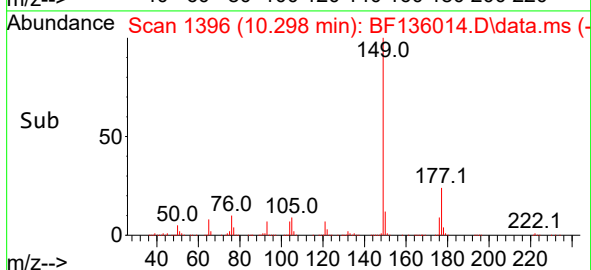
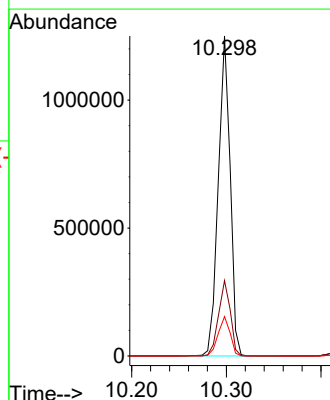
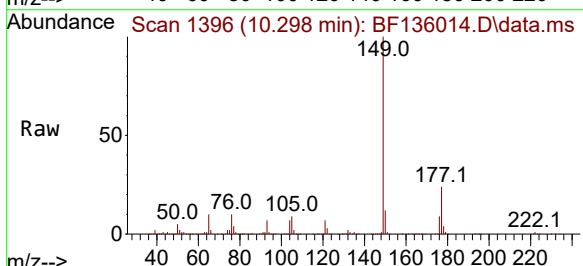
Tgt Ion:149 Resp: 1086869

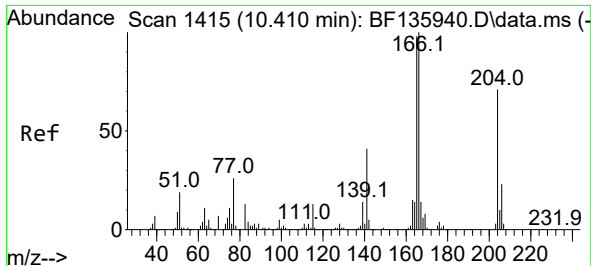
Ion Ratio Lower Upper

149 100

177 23.6 17.9 26.9

150 12.3 10.2 15.2

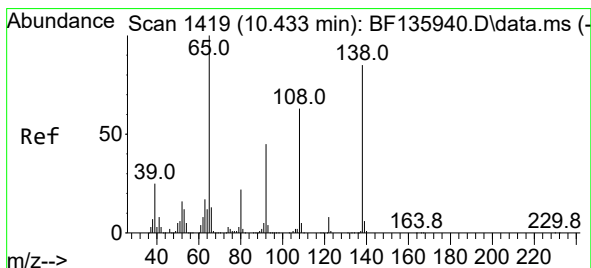
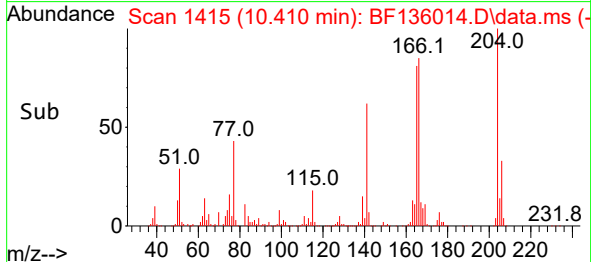
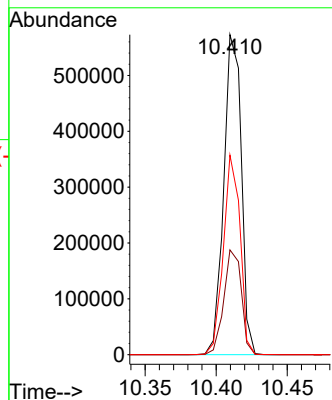
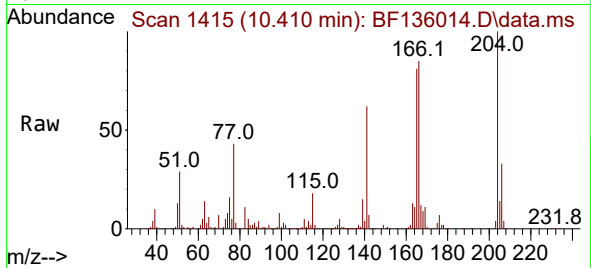




#61
4-Chlorophenyl-phenylether
Concen: 48.907 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

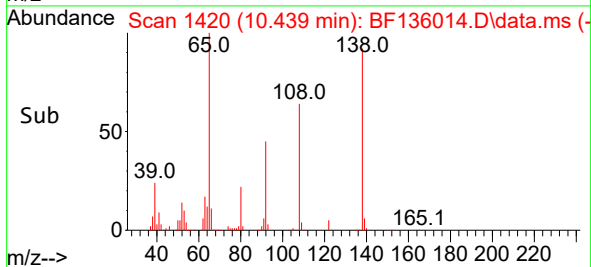
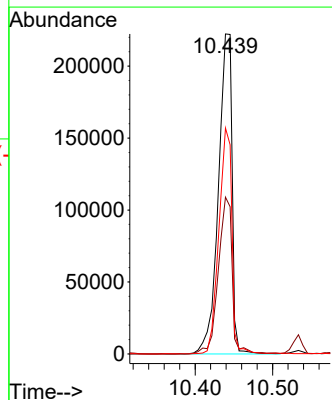
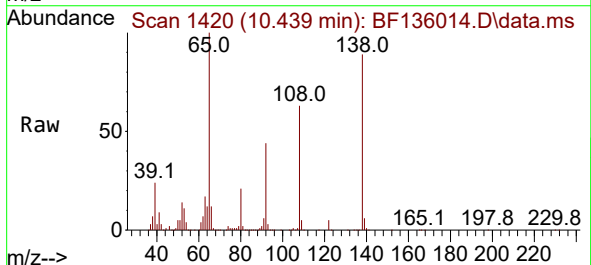
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05MSD

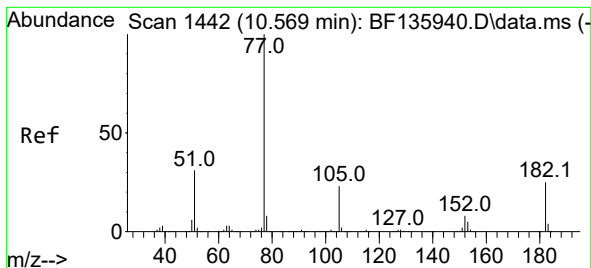
Tgt Ion:204 Resp: 489853
Ion Ratio Lower Upper
204 100
206 32.8 26.4 39.6
141 62.4 46.2 69.2



#62
4-Nitroaniline
Concen: 50.439 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

Tgt Ion:138 Resp: 273803
Ion Ratio Lower Upper
138 100
92 49.0 32.9 72.9
108 70.6 53.5 93.5





#63

Azobenzene

Concen: 48.824 ng

RT: 10.574 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-05MSD

Tgt Ion: 77 Resp: 1038810

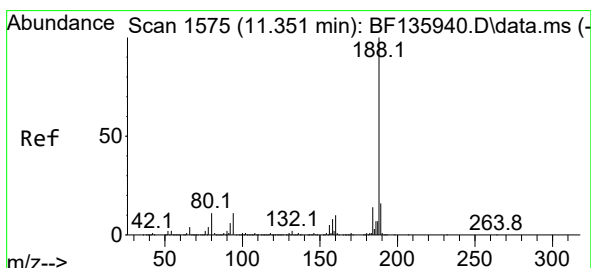
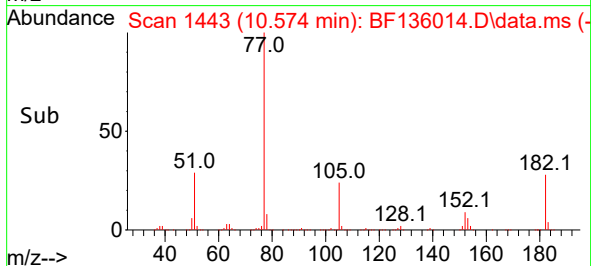
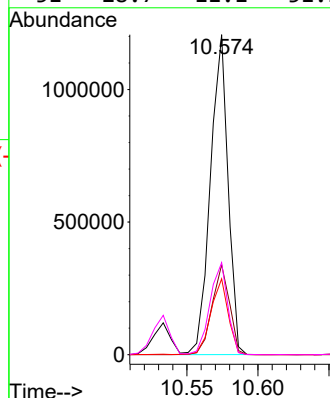
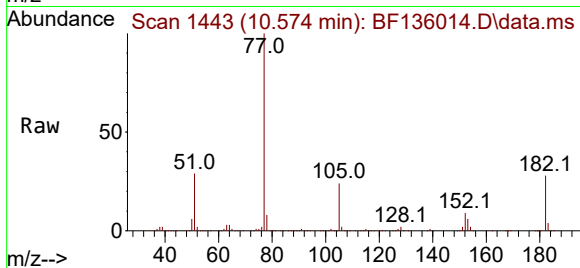
Ion Ratio Lower Upper

77 100

182 28.1 5.1 45.1

105 23.7 2.8 42.8

51 28.7 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. 0.006 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

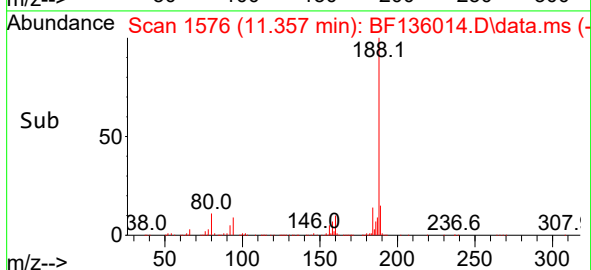
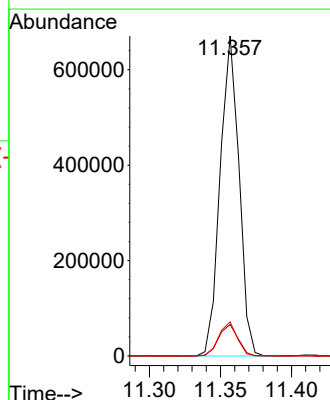
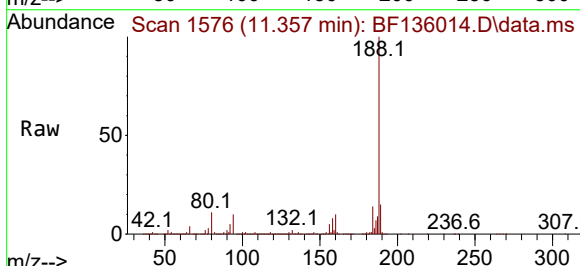
Tgt Ion:188 Resp: 619055

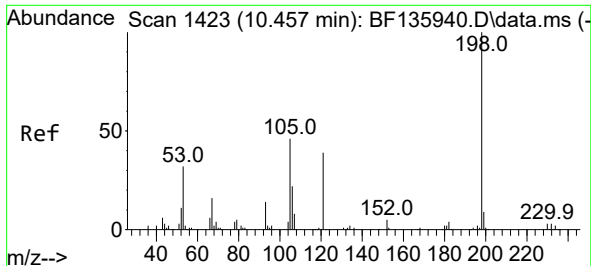
Ion Ratio Lower Upper

188 100

94 9.9 8.6 13.0

80 10.7 9.0 13.6

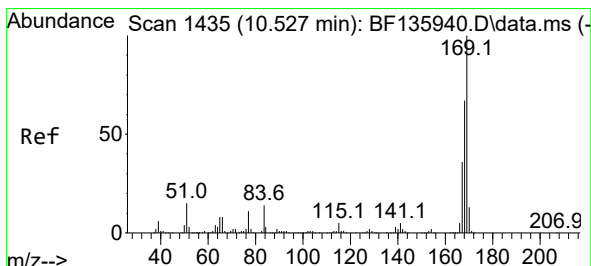
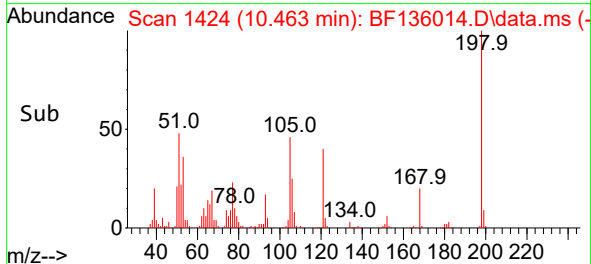
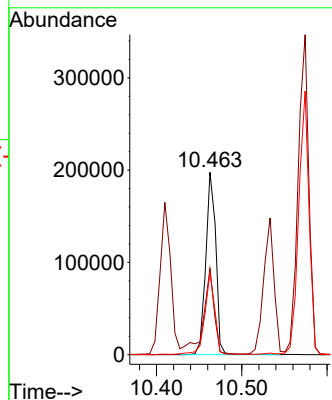
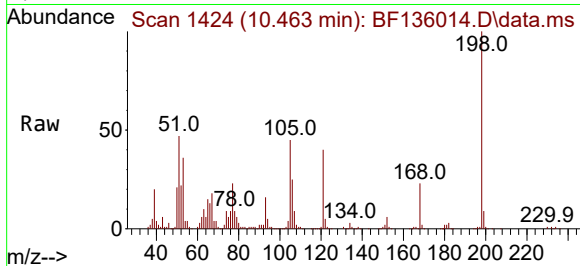




#65
4,6-Dinitro-2-methylphenol
Concen: 66.850 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

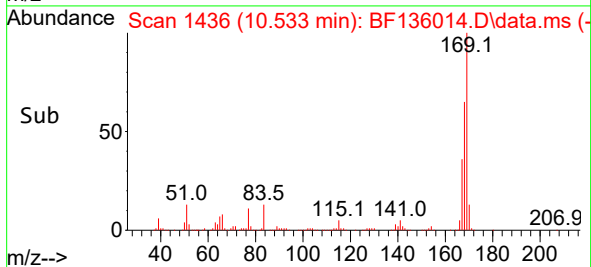
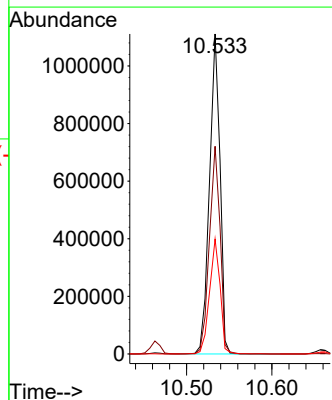
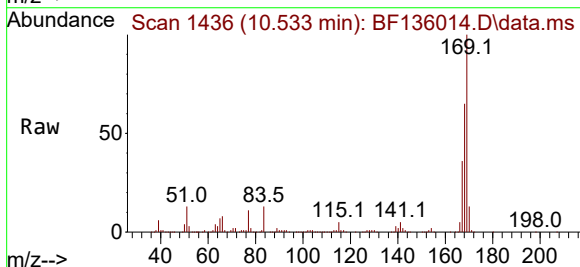
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05MSD

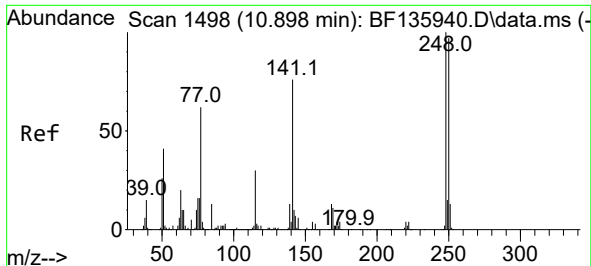
Tgt Ion:198 Resp: 161208
Ion Ratio Lower Upper
198 100
51 47.3 28.7 68.7
105 45.3 27.2 67.2



#66
n-Nitrosodiphenylamine
Concen: 50.893 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

Tgt Ion:169 Resp: 951783
Ion Ratio Lower Upper
169 100
168 64.9 53.5 80.3
167 35.9 29.0 43.4

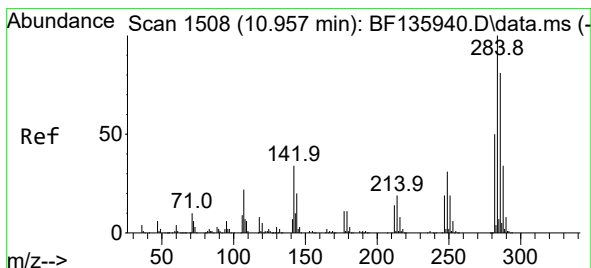
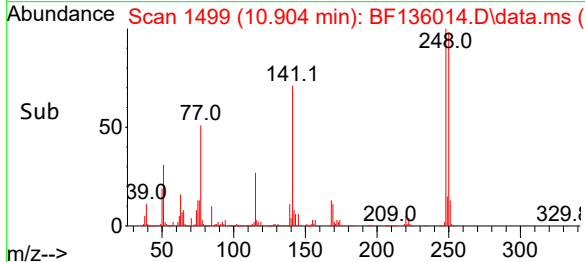
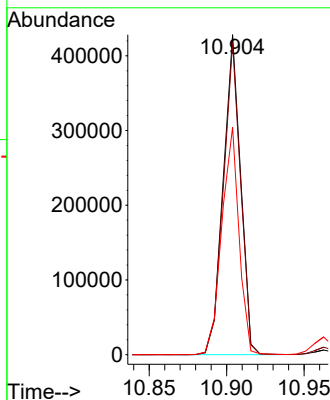
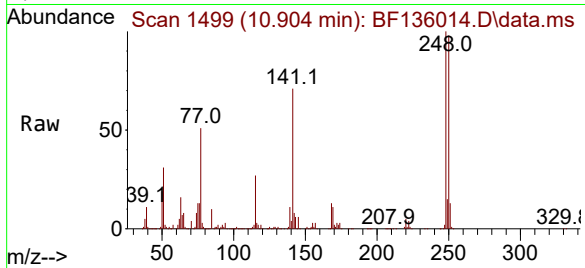




#67
4-Bromophenyl-phenylether
Concen: 52.827 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

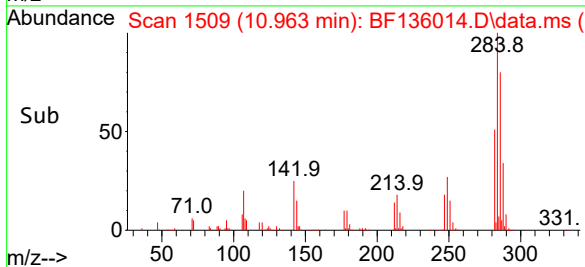
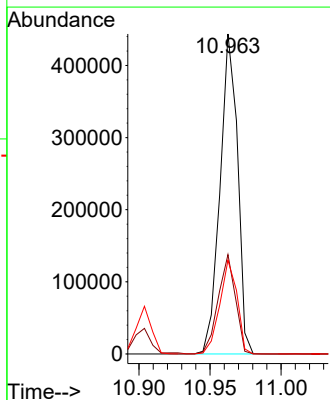
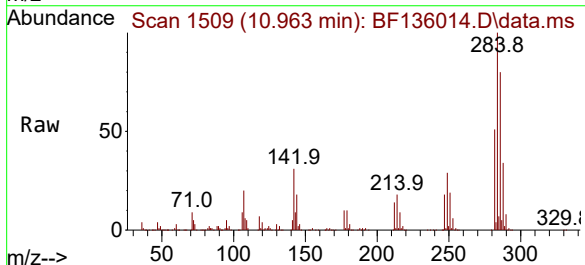
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05MSD

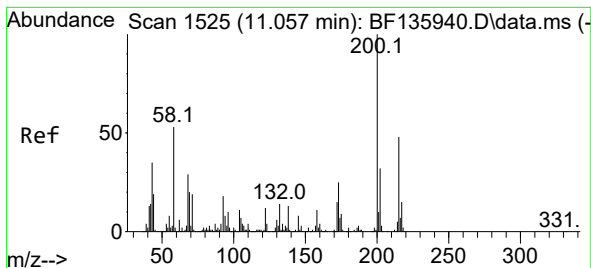
Tgt Ion:248 Resp: 334910
Ion Ratio Lower Upper
248 100
250 97.6 77.9 116.9
141 71.1 60.8 91.2



#68
Hexachlorobenzene
Concen: 56.032 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.006 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

Tgt Ion:284 Resp: 379476
Ion Ratio Lower Upper
284 100
142 31.1 27.6 41.4
249 29.3 24.7 37.1





#69

Atrazine

Concen: 66.337 ng

RT: 11.069 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-05MSD

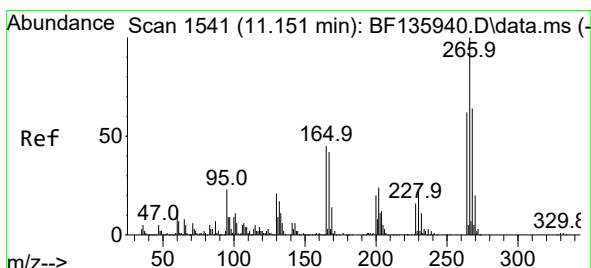
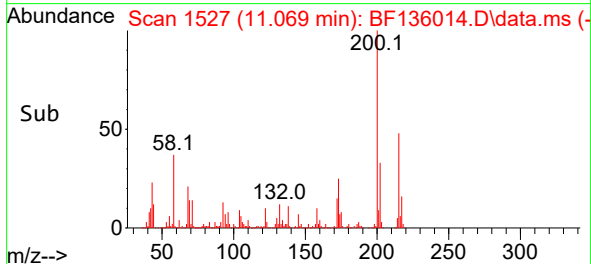
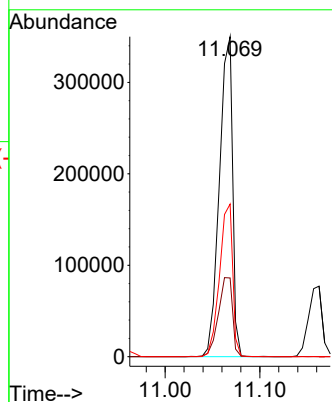
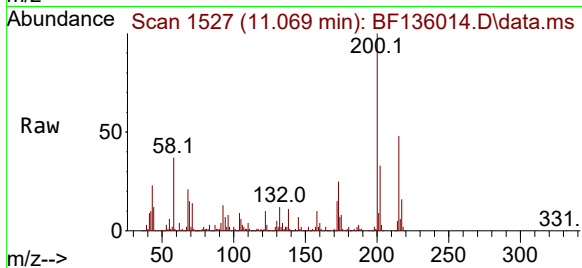
Tgt Ion:200 Resp: 338200

Ion Ratio Lower Upper

200 100

173 24.6 5.5 45.5

215 47.7 27.5 67.5



#70

Pentachlorophenol

Concen: 98.651 ng

RT: 11.163 min Scan# 1543

Delta R.T. 0.012 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

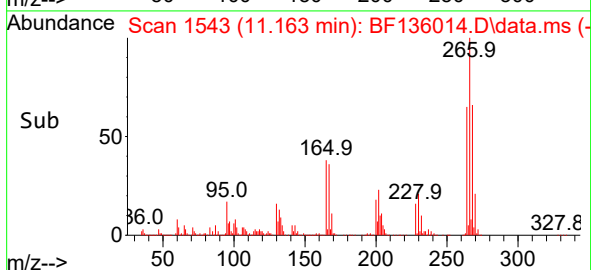
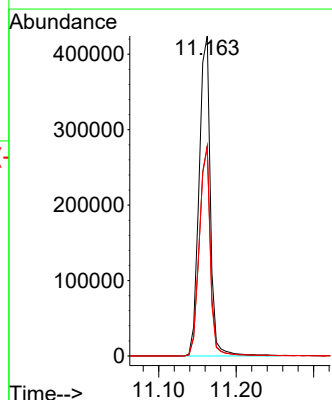
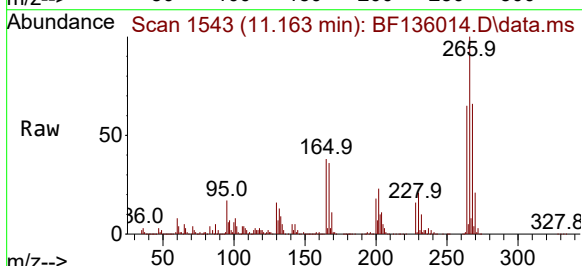
Tgt Ion:266 Resp: 428066

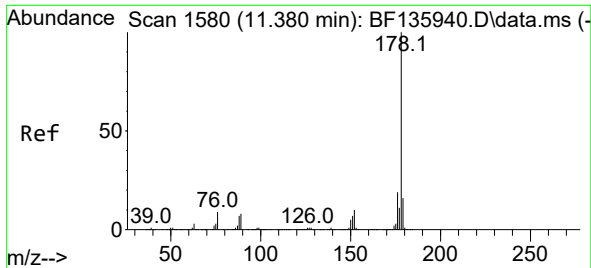
Ion Ratio Lower Upper

266 100

268 65.6 50.8 76.2

264 65.1 49.8 74.6

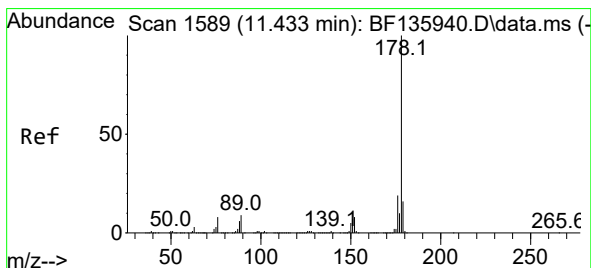
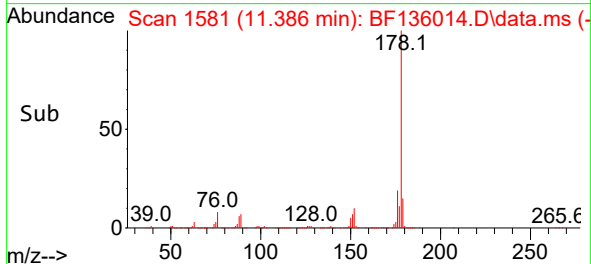
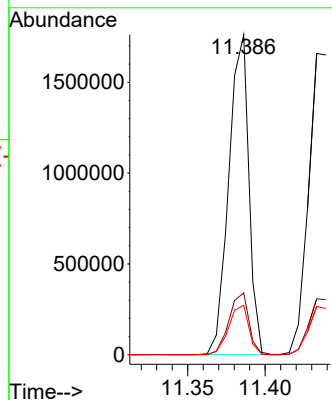
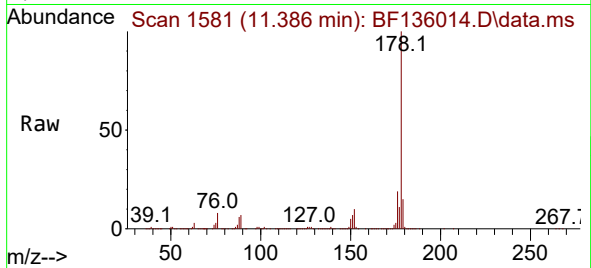




#71
Phenanthrene
Concen: 50.634 ng
RT: 11.386 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

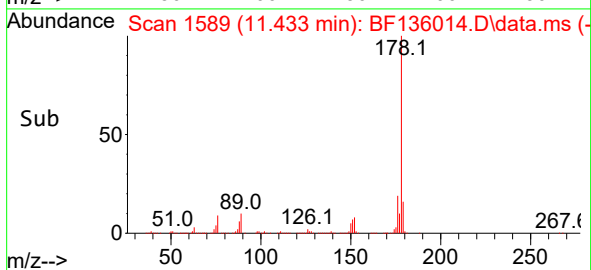
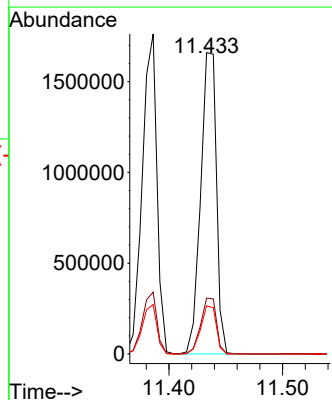
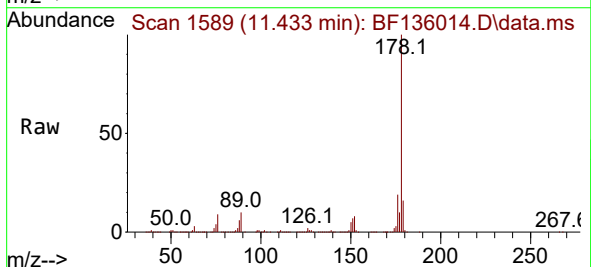
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05MSD

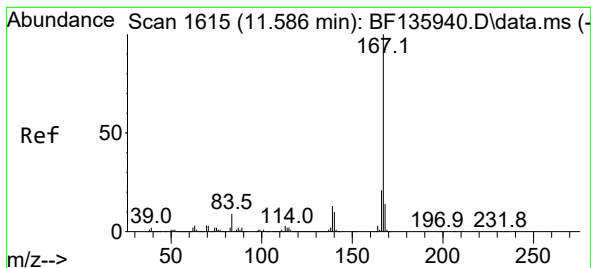
Tgt Ion:178 Resp: 1585825
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.4 12.5 18.7



#72
Anthracene
Concen: 50.070 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

Tgt Ion:178 Resp: 1605699
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 16.0 12.5 18.7





#73

Carbazole

Concen: 49.881 ng

RT: 11.592 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-05MSD

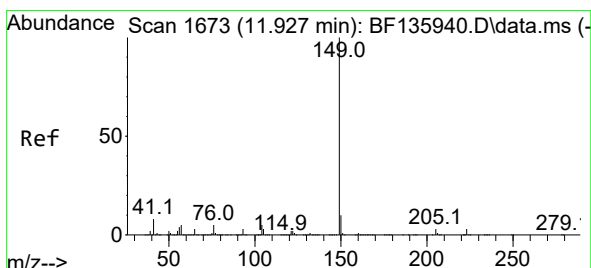
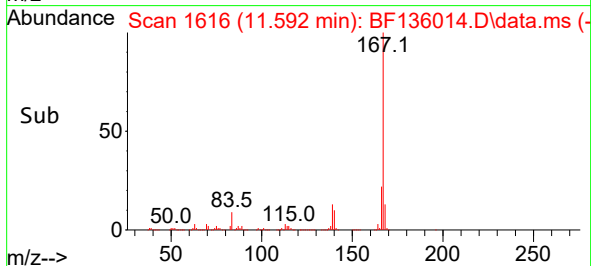
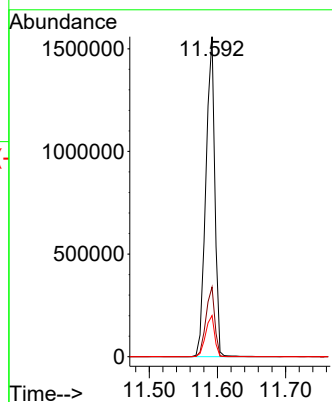
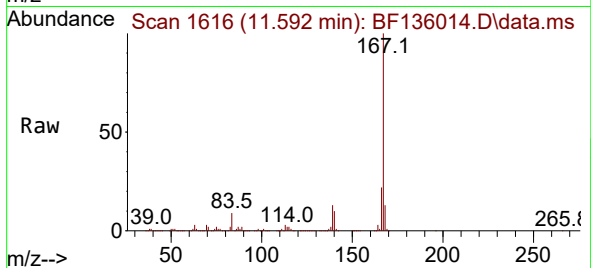
Tgt Ion:167 Resp: 1426961

Ion Ratio Lower Upper

167 100

166 21.8 17.0 25.6

139 12.9 10.4 15.6



#74

Di-n-butylphthalate

Concen: 56.132 ng

RT: 11.933 min Scan# 1674

Delta R.T. 0.006 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

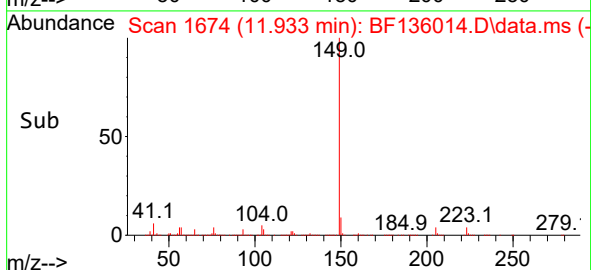
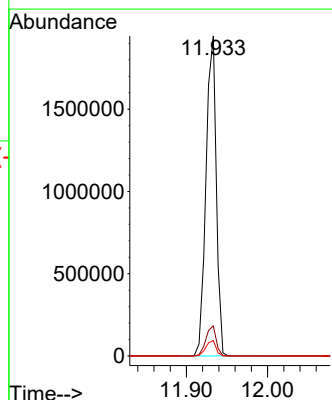
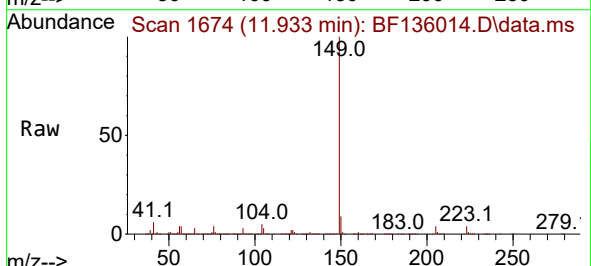
Tgt Ion:149 Resp: 1708734

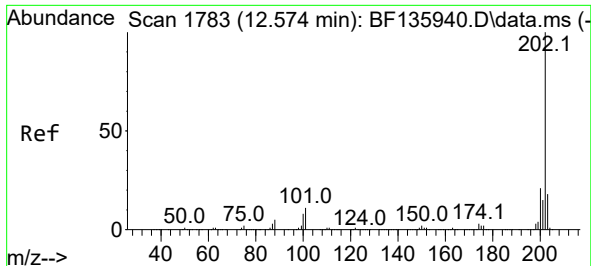
Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

104 4.8 3.9 5.9

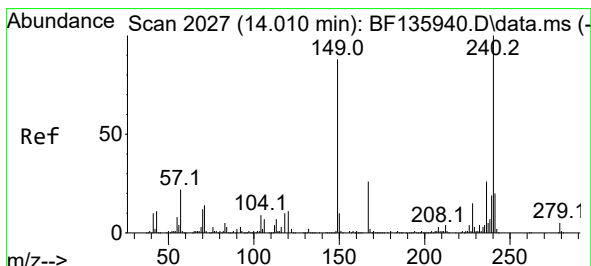
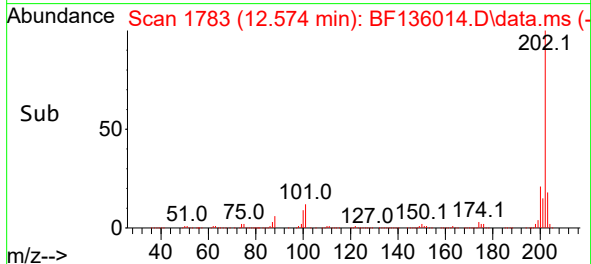
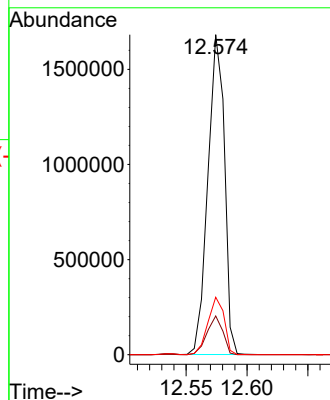
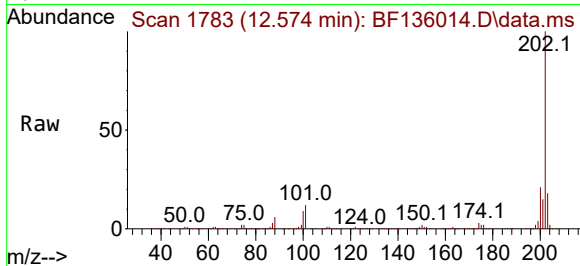




#75
Fluoranthene
Concen: 48.238 ng
RT: 12.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

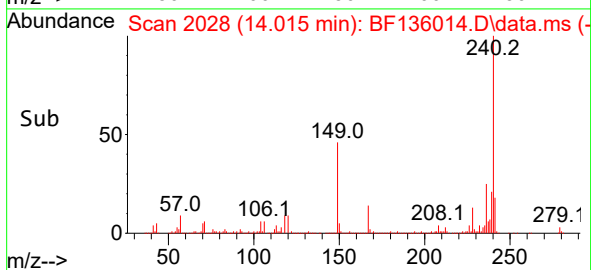
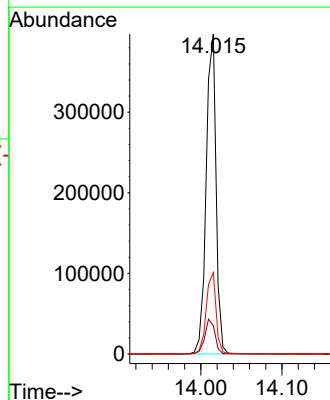
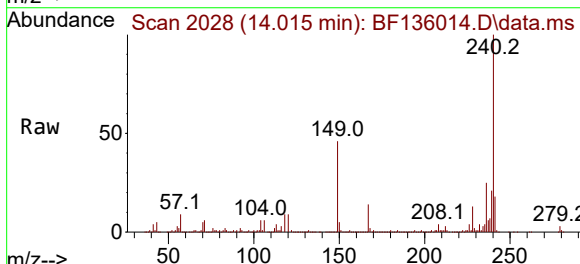
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05MSD

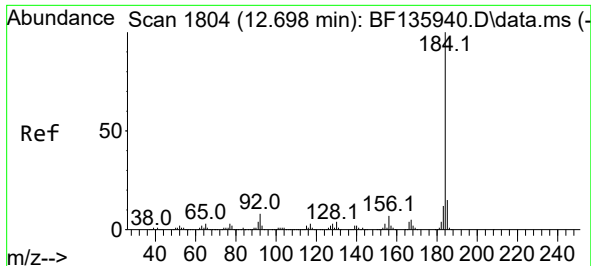
Tgt Ion:202 Resp: 1589430
Ion Ratio Lower Upper
202 100
101 12.1 0.0 30.6
203 18.0 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

Tgt Ion:240 Resp: 335474
Ion Ratio Lower Upper
240 100
120 8.9 8.6 13.0
236 25.4 20.6 30.8

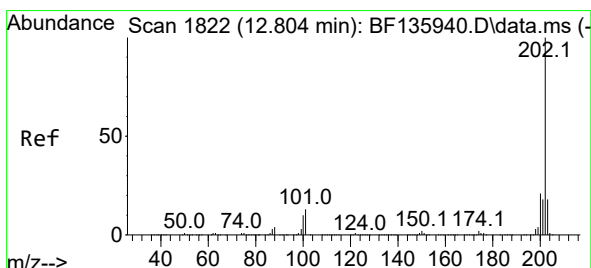
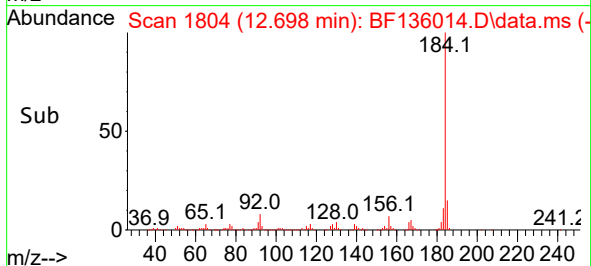
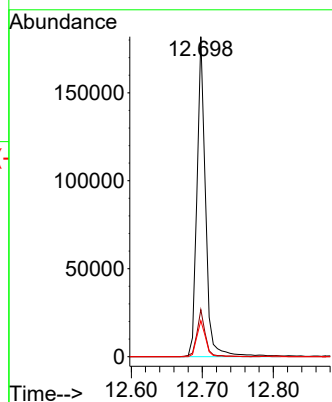
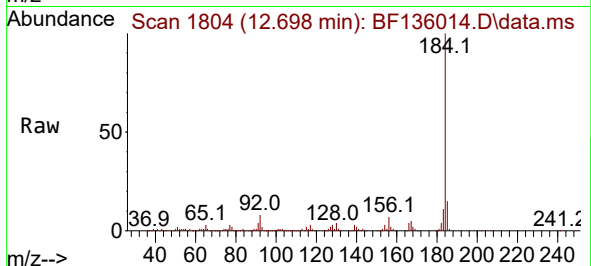




#77
Benzidine
Concen: 23.671 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

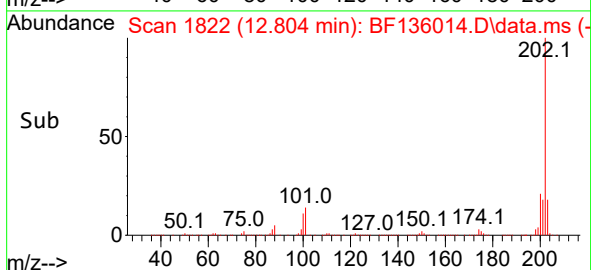
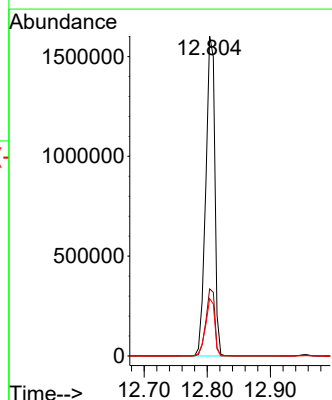
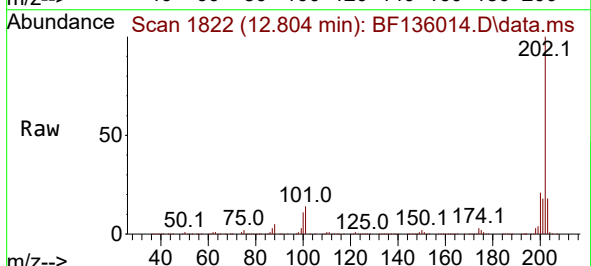
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05MSD

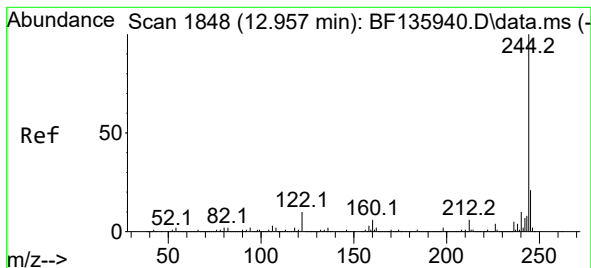
Tgt Ion:184 Resp: 153123
Ion Ratio Lower Upper
184 100
185 14.7 11.7 17.5
183 11.3 9.2 13.8



#78
Pyrene
Concen: 56.552 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

Tgt Ion:202 Resp: 1592950
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.6
203 17.9 14.5 21.7





#79

Terphenyl-d14

Concen: 108.337 ng

RT: 12.957 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-05MSD

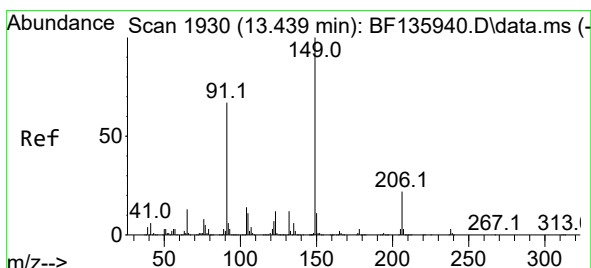
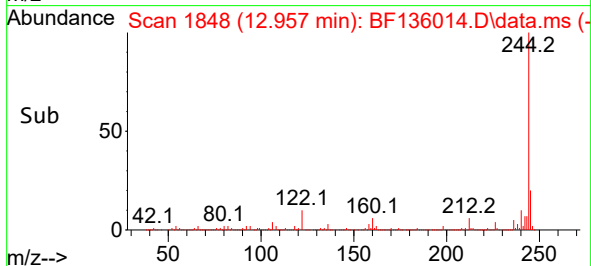
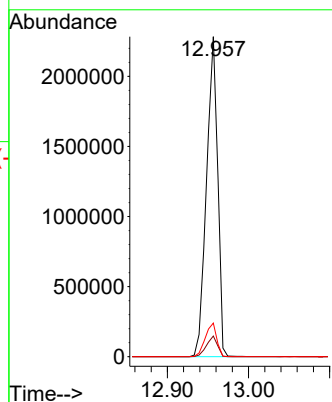
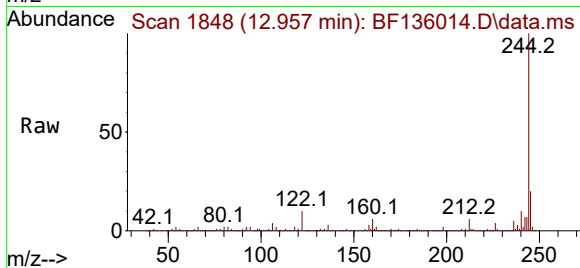
Tgt Ion:244 Resp: 2175302

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.6

122 10.5 8.0 12.0



#80

Butylbenzylphthalate

Concen: 58.687 ng

RT: 13.439 min Scan# 1930

Delta R.T. -0.000 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

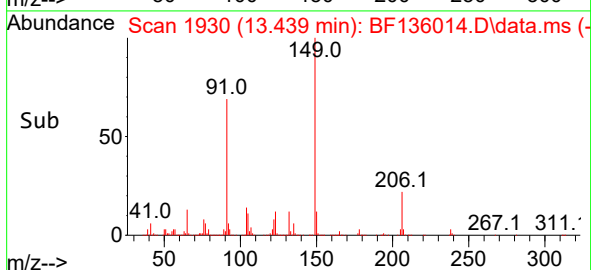
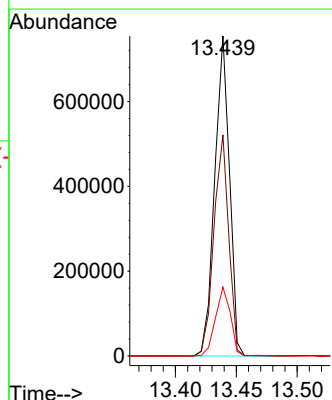
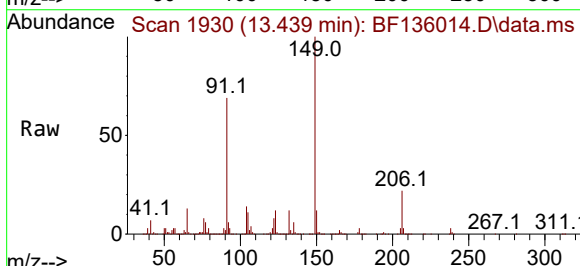
Tgt Ion:149 Resp: 634602

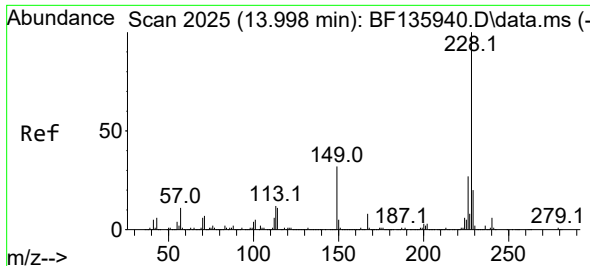
Ion Ratio Lower Upper

149 100

91 69.1 53.4 80.0

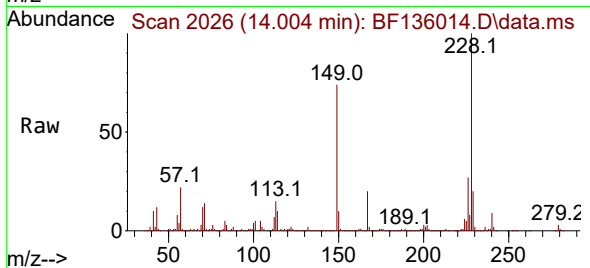
206 21.5 17.5 26.3



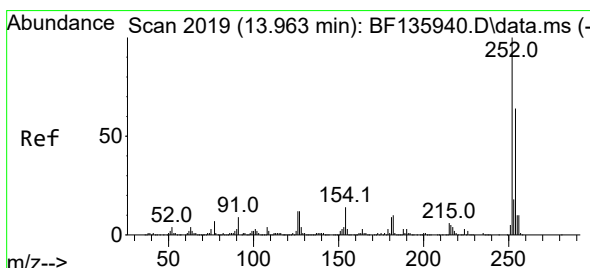
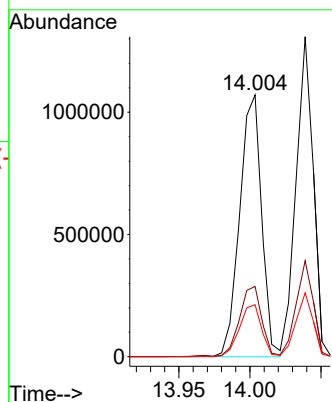
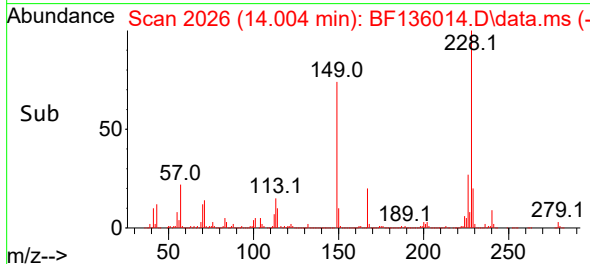


#81
Benzo(a)anthracene
Concen: 50.534 ng
RT: 14.004 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

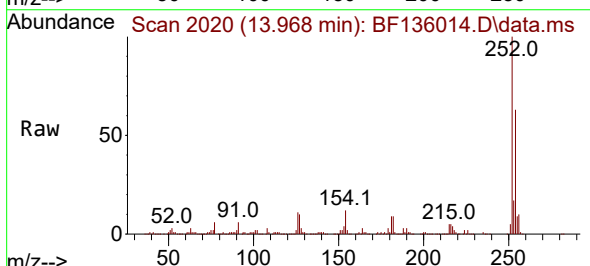
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05MSD



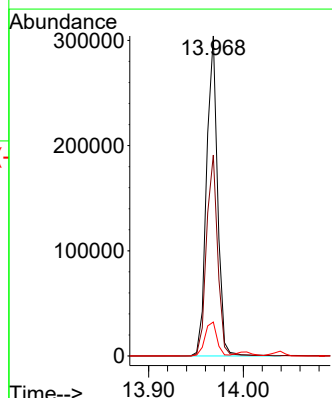
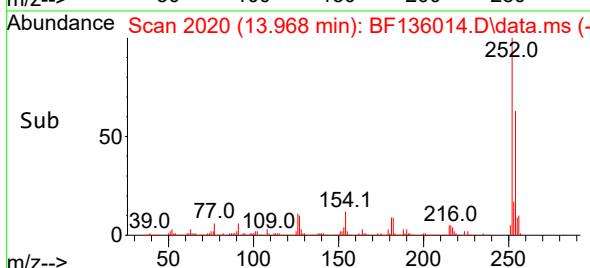
Tgt Ion:228 Resp: 1152701
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.6
229 19.9 16.2 24.4

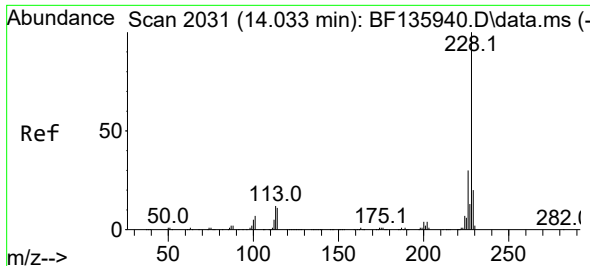


#82
3,3'-Dichlorobenzidine
Concen: 35.480 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44



Tgt Ion:252 Resp: 246225
Ion Ratio Lower Upper
252 100
254 62.8 50.9 76.3
126 10.6 9.8 14.6

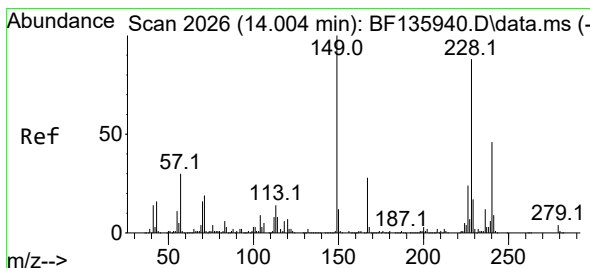
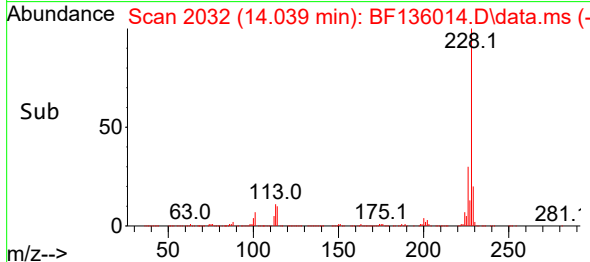
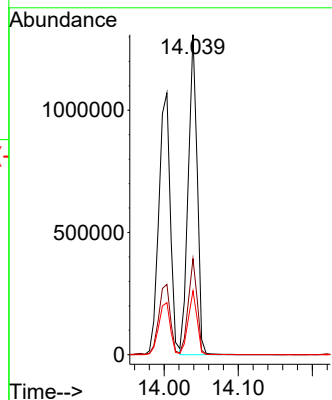
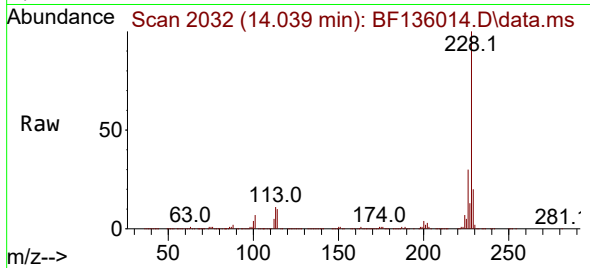




#83
Chrysene
Concen: 49.737 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

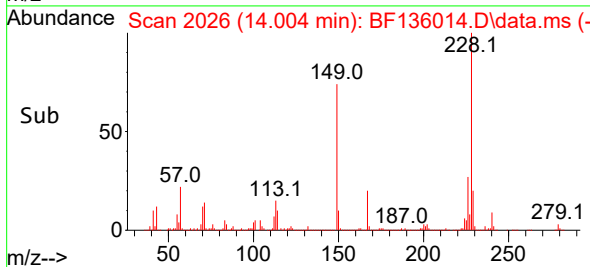
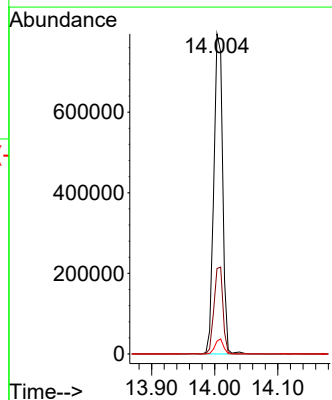
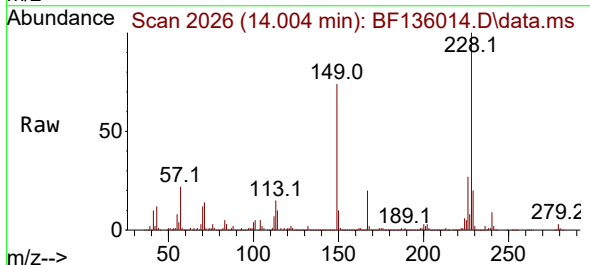
Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05MSD

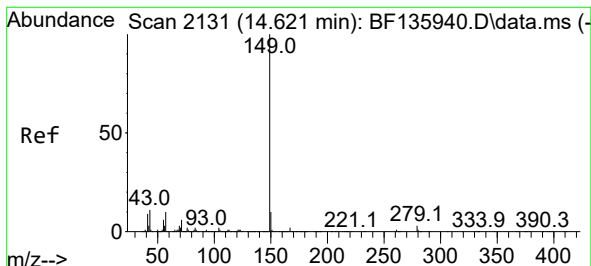
Tgt Ion:228 Resp: 1104981
Ion Ratio Lower Upper
228 100
226 30.0 23.9 35.9
229 20.0 16.2 24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 66.618 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

Tgt Ion:149 Resp: 771622
Ion Ratio Lower Upper
149 100
167 26.7 22.2 33.2
279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 70.880 ng

RT: 14.627 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-05MSD

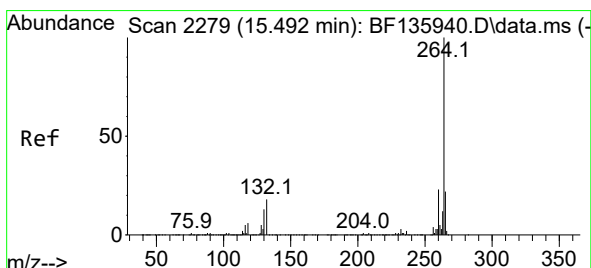
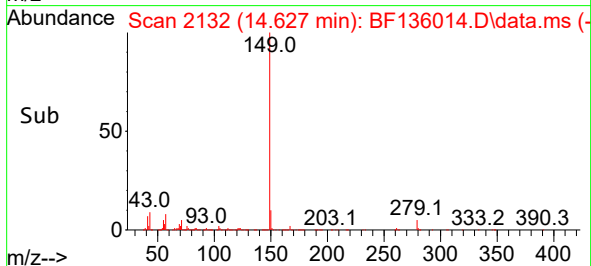
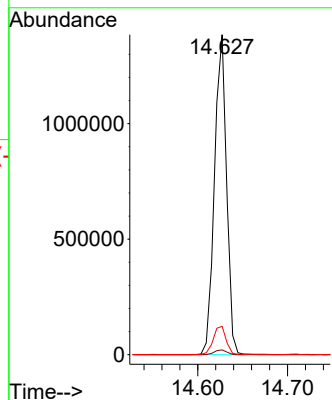
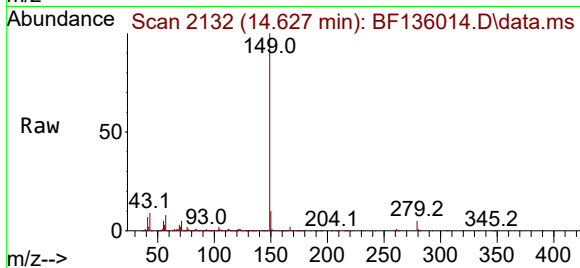
Tgt Ion:149 Resp: 1293303

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.3 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

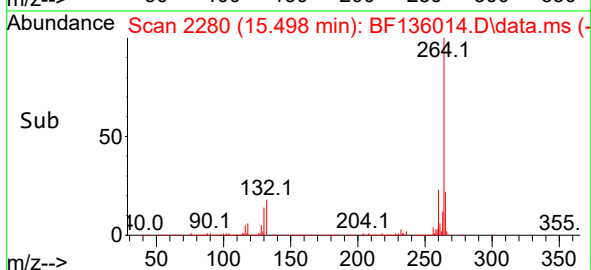
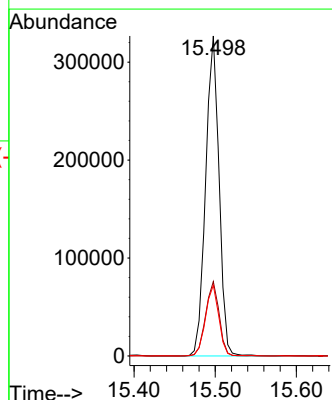
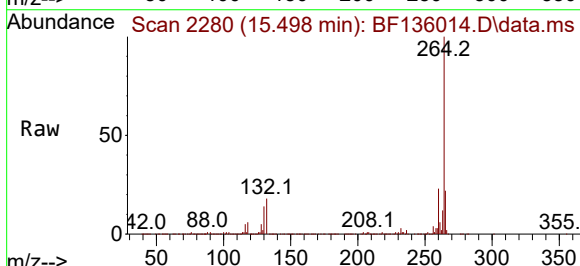
Tgt Ion:264 Resp: 373834

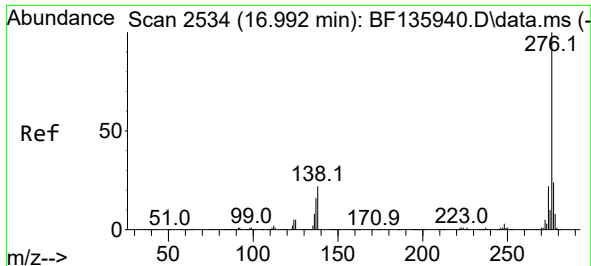
Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 22.1 17.3 25.9

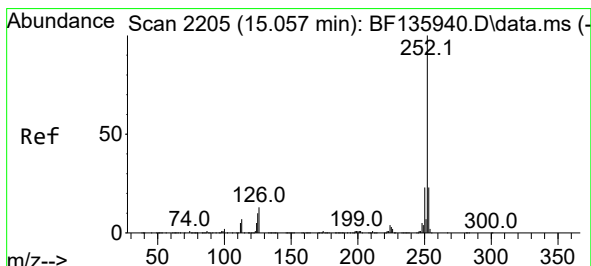
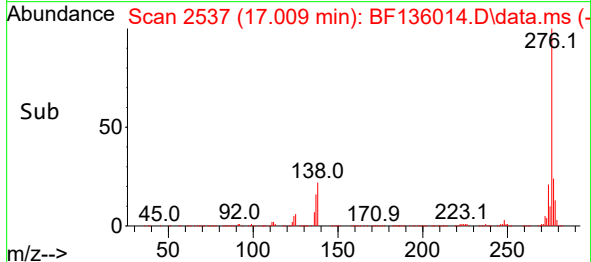
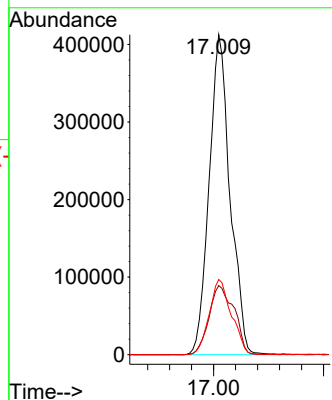
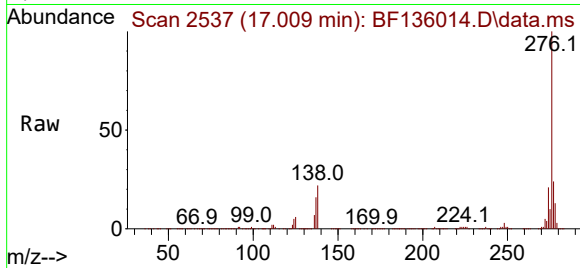




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.495 ng
 RT: 17.009 min Scan# 21
 Delta R.T. 0.017 min
 Lab File: BF136014.D
 Acq: 28 Oct 2023 19:44

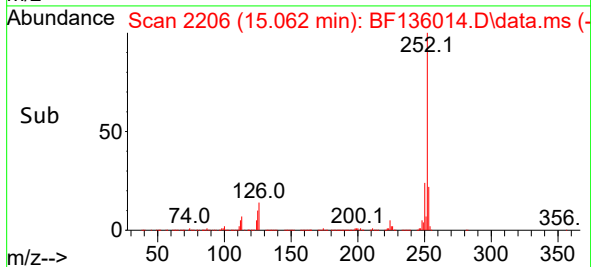
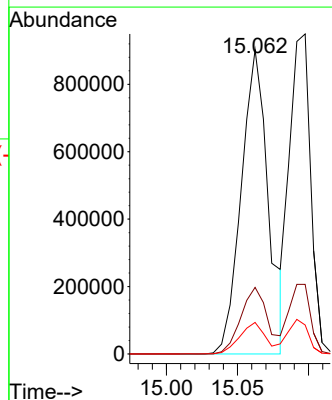
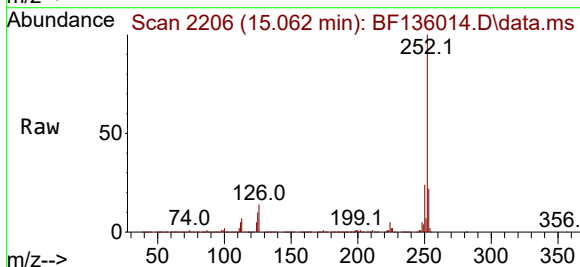
Instrument :
 BNA_F
 ClientSampleId :
 OR-603-COMP-05MSD

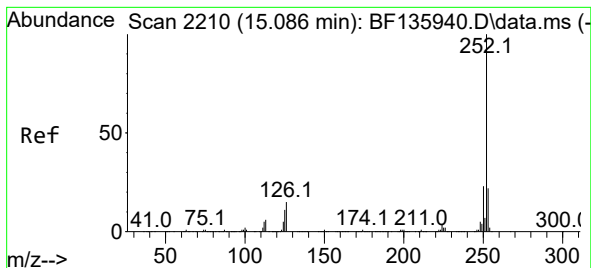
Tgt Ion:276 Resp: 1091567
 Ion Ratio Lower Upper
 276 100
 138 26.0 21.8 32.6
 277 25.0 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 53.693 ng
 RT: 15.062 min Scan# 2206
 Delta R.T. 0.006 min
 Lab File: BF136014.D
 Acq: 28 Oct 2023 19:44

Tgt Ion:252 Resp: 1194547
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.0 27.0
 125 10.4 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 45.237 ng

RT: 15.098 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

Instrument :

BNA_F

ClientSampleId :

OR-603-COMP-05MSD

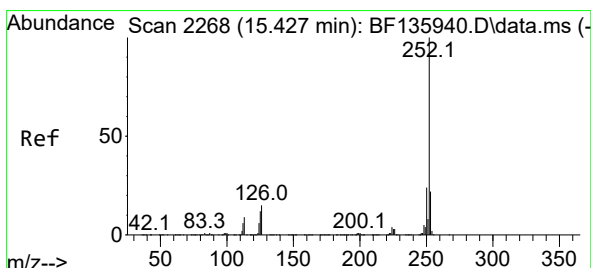
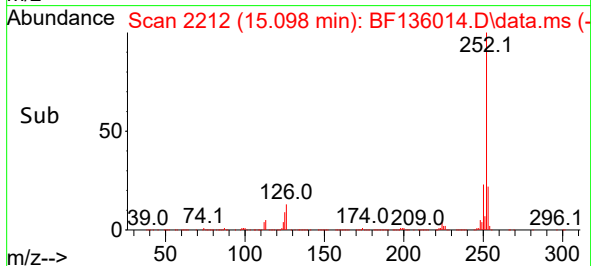
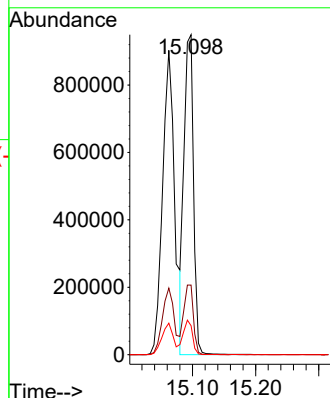
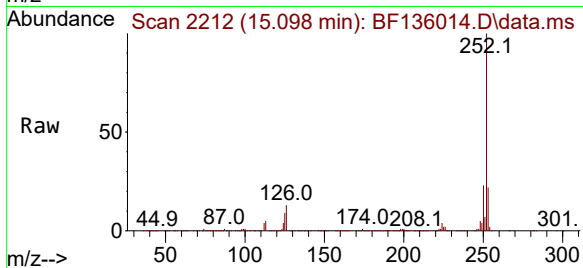
Tgt Ion:252 Resp: 988443

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 9.1 8.5 12.7



#90

Benzo(a)pyrene

Concen: 48.804 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.012 min

Lab File: BF136014.D

Acq: 28 Oct 2023 19:44

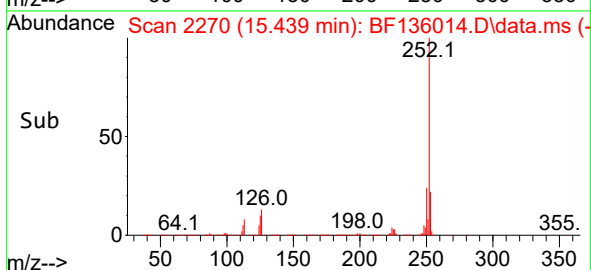
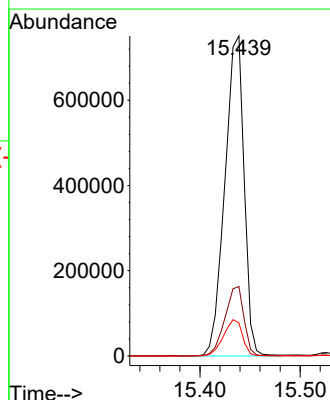
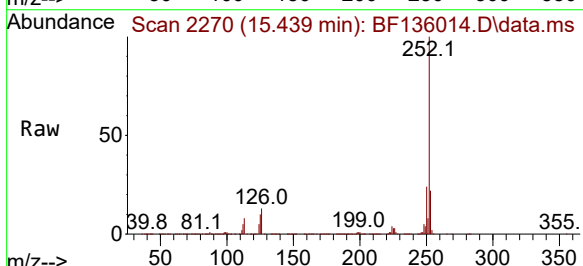
Tgt Ion:252 Resp: 1000688

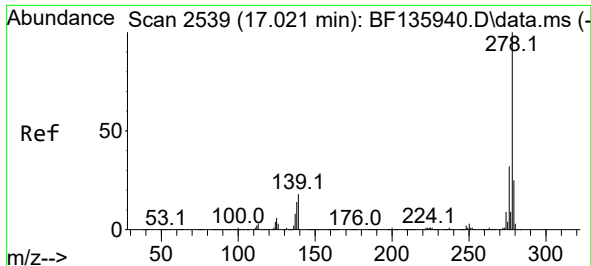
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 10.3 9.6 14.4

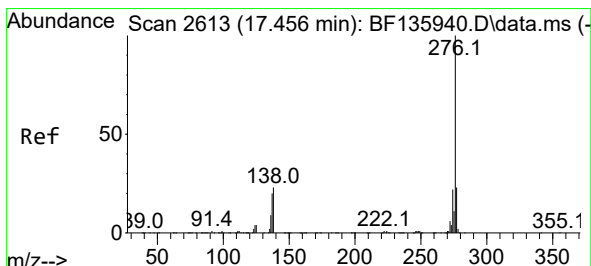
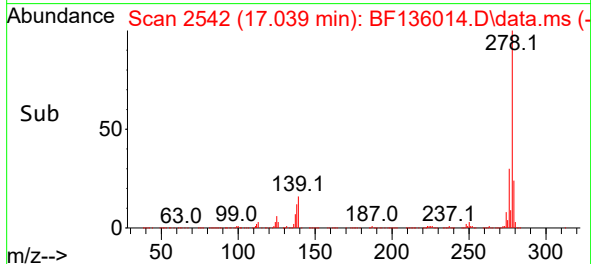
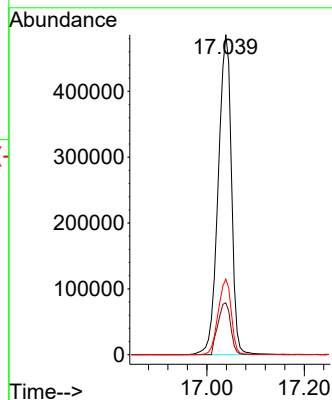
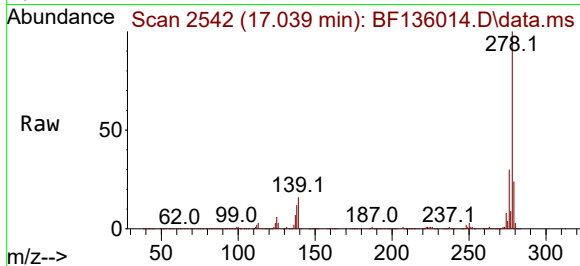




#91
Dibenzo(a,h)anthracene
Concen: 50.483 ng
RT: 17.039 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

Instrument :
BNA_F
ClientSampleId :
OR-603-COMP-05MSD

Tgt Ion:278 Resp: 915344
Ion Ratio Lower Upper
278 100
139 16.2 14.0 21.0
279 23.6 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 40.724 ng
RT: 17.474 min Scan# 2616
Delta R.T. 0.018 min
Lab File: BF136014.D
Acq: 28 Oct 2023 19:44

Tgt Ion:276 Resp: 826800
Ion Ratio Lower Upper
276 100
277 23.1 18.6 28.0
138 22.1 18.4 27.6

