

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013024\
 Data File : BF137199.D
 Acq On : 30 Jan 2024 16:29
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013024

Quant Time: Jan 31 04:57:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	55483	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	214653	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	126407	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	242307	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	139880	20.000	ng	0.00
86) Perylene-d12	15.457	264	122951	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	296311	88.124	ng	0.00
7) Phenol-d6	6.428	99	402340	83.846	ng	0.00
23) Nitrobenzene-d5	7.357	82	407115	84.915	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	118136	82.753	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	740080	80.483	ng	0.00
79) Terphenyl-d14	12.922	244	871896	84.737	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	72047	40.045	ng	98
3) Pyridine	3.293	79	150481	41.735	ng	97
4) n-Nitrosodimethylamine	3.257	42	70062	39.448	ng	98
6) Aniline	6.457	93	231755	45.117	ng	99
8) 2-Chlorophenol	6.575	128	158916	42.269	ng	99
9) Benzaldehyde	6.346	77	86805	47.501	ng	95
10) Phenol	6.440	94	225184	42.042	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	145473	40.640	ng	99
12) 1,3-Dichlorobenzene	6.734	146	179737	40.775	ng	97
13) 1,4-Dichlorobenzene	6.810	146	186952	41.009	ng	99
14) 1,2-Dichlorobenzene	6.963	146	171678	40.277	ng	99
15) Benzyl Alcohol	6.934	79	154861	45.426	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	254806	39.517	ng	99
17) 2-Methylphenol	7.045	107	137611	43.812	ng	95
18) Hexachloroethane	7.304	117	65208	39.660	ng	98
19) n-Nitroso-di-n-propyla...	7.210	70	134972	41.023	ng	99
20) 3+4-Methylphenols	7.198	107	174124	43.792	ng	98
22) Acetophenone	7.204	105	247778	42.877	ng	97
24) Nitrobenzene	7.375	77	197787	42.504	ng	99
25) Isophorone	7.610	82	361324	40.830	ng	95
26) 2-Nitrophenol	7.687	139	73978	41.417	ng	# 86
27) 2,4-Dimethylphenol	7.728	122	105817	41.834	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	196878	41.894	ng	99
29) 2,4-Dichlorophenol	7.928	162	136201	43.405	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	158645	40.702	ng	98
31) Naphthalene	8.092	128	476751	41.084	ng	99
32) Benzoic acid	7.845	122	63079	37.790	ng	98
33) 4-Chloroaniline	8.145	127	175660	44.007	ng	99
34) Hexachlorobutadiene	8.210	225	103767	40.039	ng	99
35) Caprolactam	8.516	113	42652	43.714	ng	96
36) 4-Chloro-3-methylphenol	8.622	107	157381	42.464	ng	99
37) 2-Methylnaphthalene	8.787	142	320195	41.157	ng	100
38) 1-Methylnaphthalene	8.887	142	300822	41.631	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	170328	40.270	ng	99
41) Hexachlorocyclopentadiene	8.939	237	86640	43.007	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	105706	44.061	ng	97

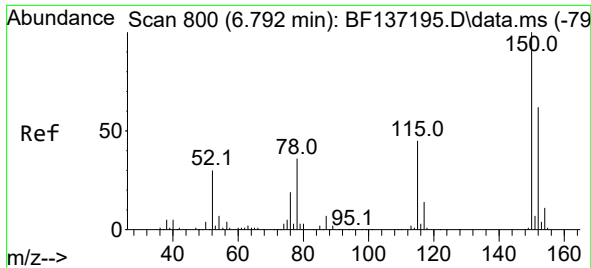
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	112475	42.891	ng	98
46) 1,1'-Biphenyl	9.251	154	409455	40.712	ng	99
47) 2-Chloronaphthalene	9.275	162	302967	40.705	ng	99
48) 2-Nitroaniline	9.375	65	108754	45.145	ng	98
49) Acenaphthylene	9.692	152	487617	40.923	ng	99
50) Dimethylphthalate	9.557	163	350802	41.079	ng	99
51) 2,6-Dinitrotoluene	9.616	165	77689	42.663	ng	95
52) Acenaphthene	9.863	154	302169	43.148	ng	98
53) 3-Nitroaniline	9.786	138	76713	46.812	ng	98
54) 2,4-Dinitrophenol	9.886	184	27698	40.783	ng	98
55) Dibenzofuran	10.039	168	449973	40.387	ng	98
56) 4-Nitrophenol	9.945	139	53188	41.747	ng	95
57) 2,4-Dinitrotoluene	10.022	165	106685	45.151	ng	85
58) Fluorene	10.381	166	348748	39.928	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	99741	40.878	ng	97
60) Diethylphthalate	10.263	149	346267	41.181	ng	98
61) 4-Chlorophenyl-phenyle...	10.375	204	173979	40.073	ng	98
62) 4-Nitroaniline	10.404	138	73253	46.700	ng	99
63) Azobenzene	10.539	77	374913	40.259	ng	95
65) 4,6-Dinitro-2-methylph...	10.428	198	51893	41.290	ng	86
66) n-Nitrosodiphenylamine	10.498	169	304608	41.344	ng	97
67) 4-Bromophenyl-phenylether	10.869	248	113630	42.648	ng	98
68) Hexachlorobenzene	10.928	284	123816	41.605	ng	# 92
69) Atrazine	11.028	200	104166	42.829	ng	97
70) Pentachlorophenol	11.122	266	73511	43.090	ng	97
71) Phenanthrene	11.345	178	524704	41.364	ng	100
72) Anthracene	11.398	178	549804	41.584	ng	99
73) Carbazole	11.557	167	471309	42.654	ng	99
74) Di-n-butylphthalate	11.898	149	516111	43.210	ng	99
75) Fluoranthene	12.539	202	555703	41.865	ng	99
77) Benzidine	12.669	184	123084	49.140	ng	99
78) Pyrene	12.769	202	565034	42.033	ng	99
80) Butylbenzylphthalate	13.404	149	158117	45.981	ng	94
81) Benzo(a)anthracene	13.963	228	411247	41.513	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	109460	40.556	ng	97
83) Chrysene	14.004	228	388992	39.941	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	181437	45.351	ng	99
85) Di-n-octyl phthalate	14.592	149	252157	39.640	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	388822	45.013	ng	99
88) Benzo(b)fluoranthene	15.021	252	318041	42.061	ng	100
89) Benzo(k)fluoranthene	15.051	252	297946	37.248	ng	100
90) Benzo(a)pyrene	15.392	252	291599	40.979	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	310175	44.814	ng	98
92) Benzo(g,h,i)perylene	17.410	276	306744	45.155	ng	98

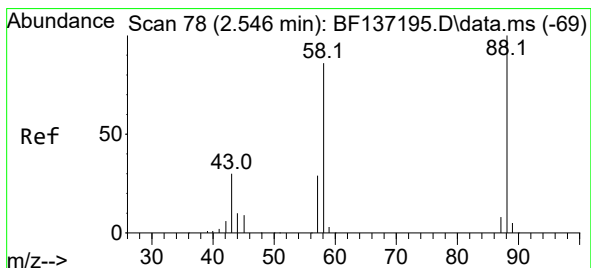
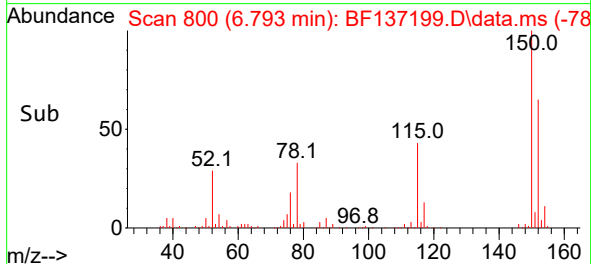
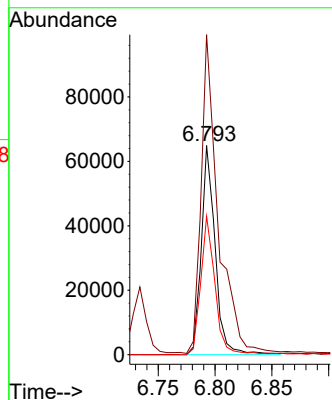
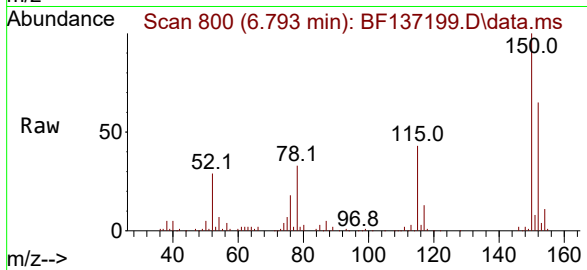
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: BF137199.D
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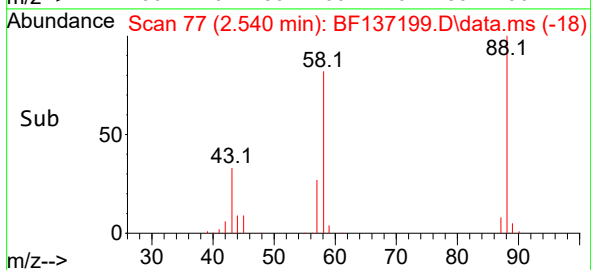
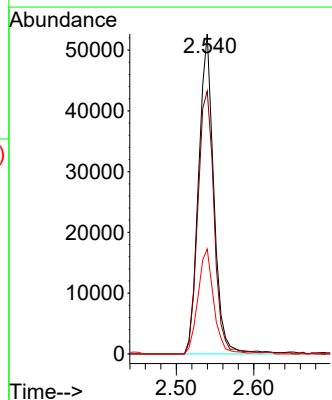
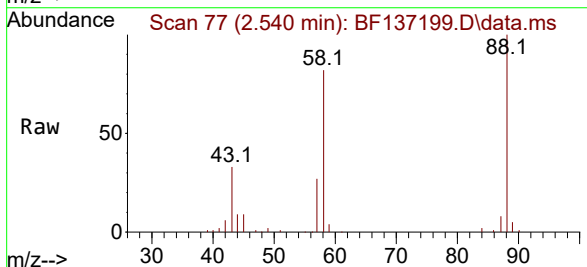
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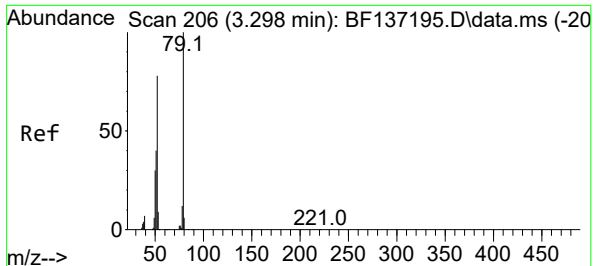
Tgt Ion:152 Resp: 55483
 Ion Ratio Lower Upper
 152 100
 150 153.1 129.8 194.8
 115 66.2 58.5 87.7



#2
 1,4-Dioxane
 Concen: 40.045 ng
 RT: 2.540 min Scan# 77
 Delta R.T. -0.006 min
 Lab File: BF137199.D
 Acq: 30 Jan 2024 16:29

Tgt Ion: 88 Resp: 72047
 Ion Ratio Lower Upper
 88 100
 58 87.2 67.8 101.8
 43 33.8 26.6 40.0

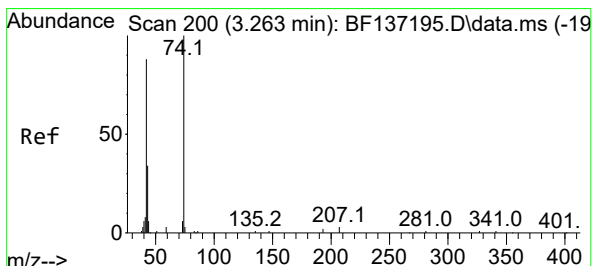
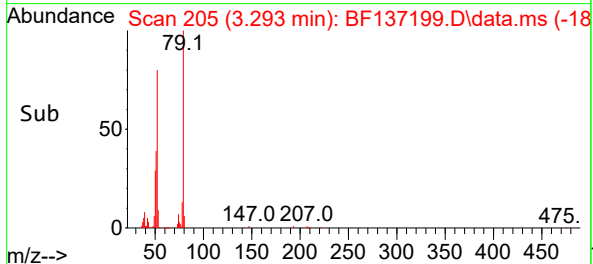
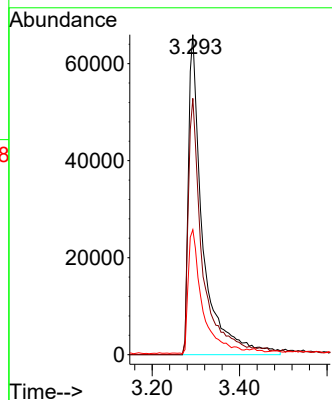
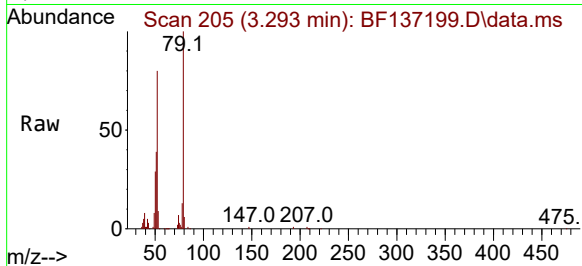




#3
Pyridine
Concen: 41.735 ng
RT: 3.293 min Scan# 206
Delta R.T. -0.005 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

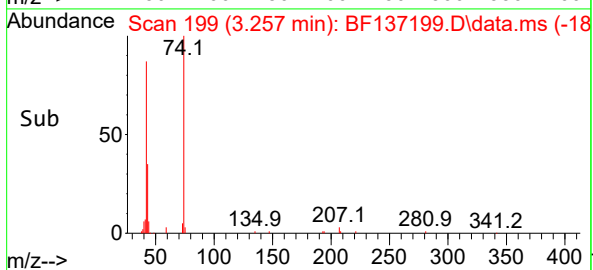
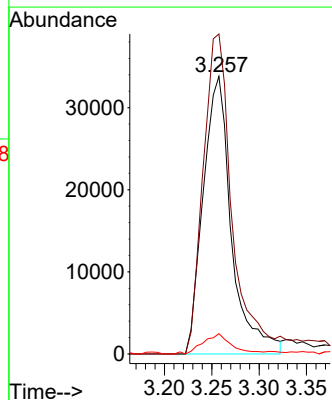
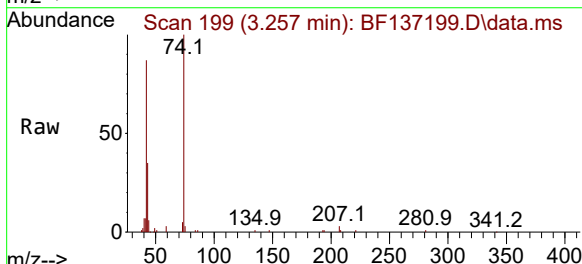
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ClientSampleId :
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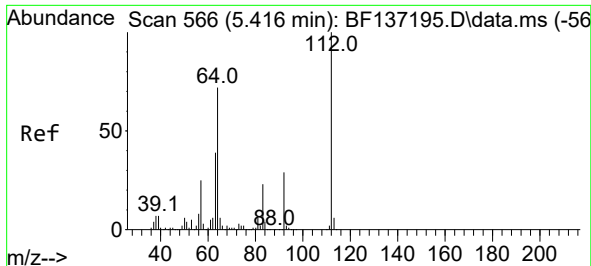
Tgt Ion: 79 Resp: 150481
Ion Ratio Lower Upper
79 100
52 80.1 62.6 94.0
51 39.0 33.0 49.4



#4
n-Nitrosodimethylamine
Concen: 39.448 ng
RT: 3.257 min Scan# 199
Delta R.T. -0.006 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Tgt Ion: 42 Resp: 70062
Ion Ratio Lower Upper
42 100
74 115.3 90.5 135.7
44 7.3 6.1 9.1

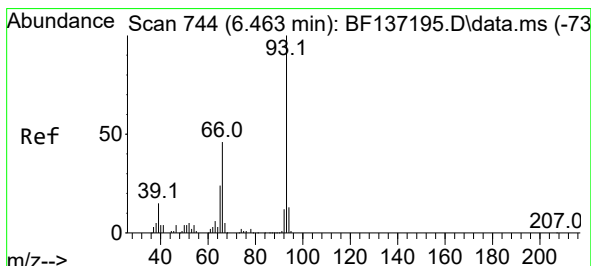
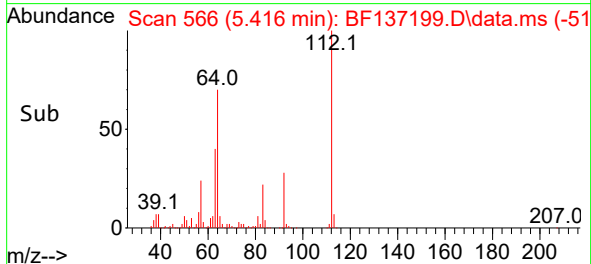
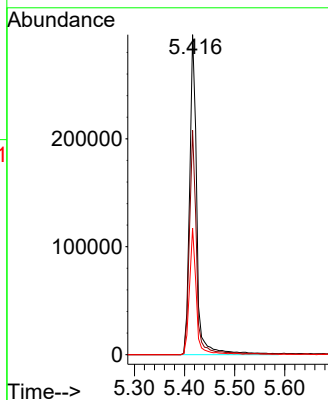
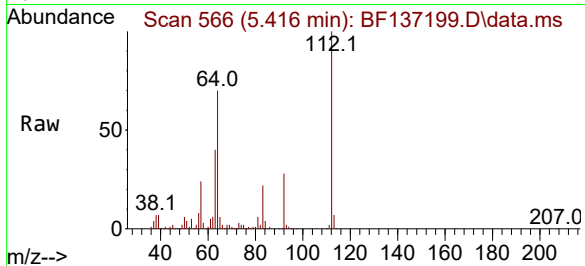




#5
2-Fluorophenol
Concen: 88.124 ng
RT: 5.416 min Scan# 501
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

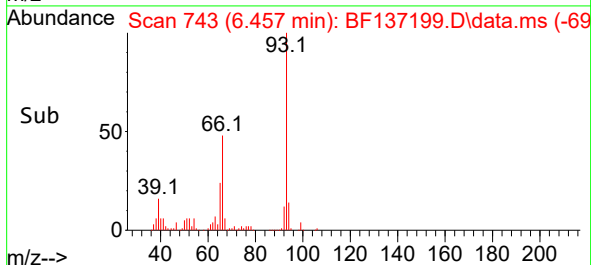
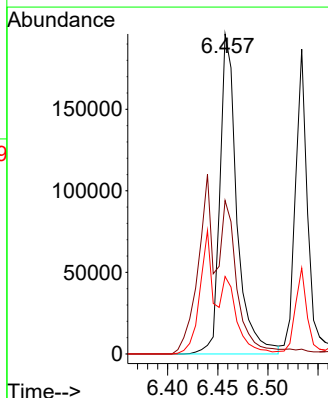
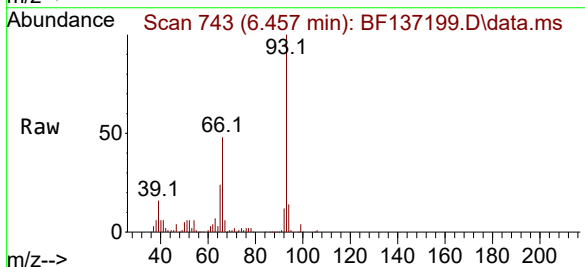
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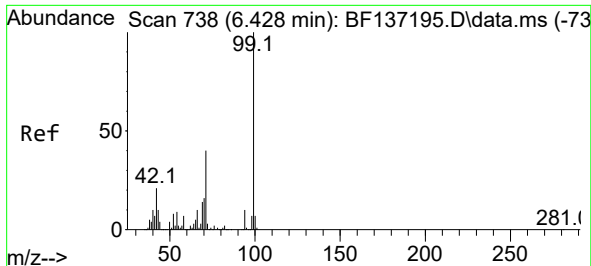
Tgt Ion:112 Resp: 296311
Ion Ratio Lower Upper
112 100
64 70.1 57.8 86.6
63 39.5 31.4 47.0



#6
Aniline
Concen: 45.117 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Tgt Ion: 93 Resp: 231755
Ion Ratio Lower Upper
93 100
66 47.9 37.9 56.9
65 24.2 19.0 28.4

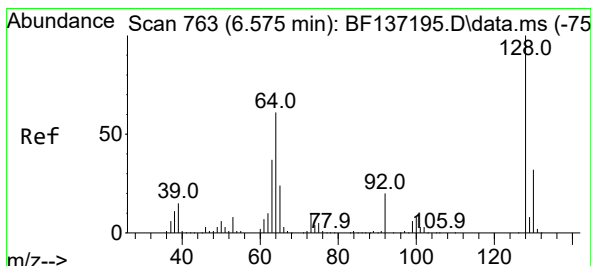
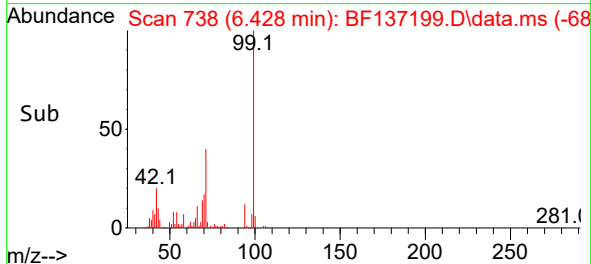
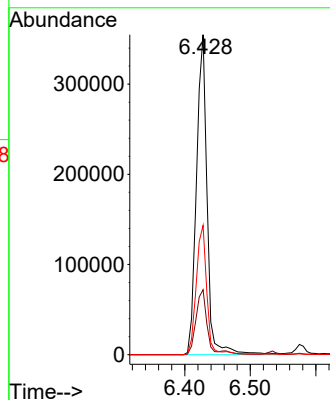
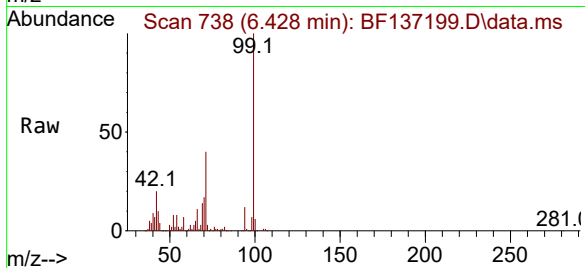




#7
Phenol-d6
Concen: 83.846 ng
RT: 6.428 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

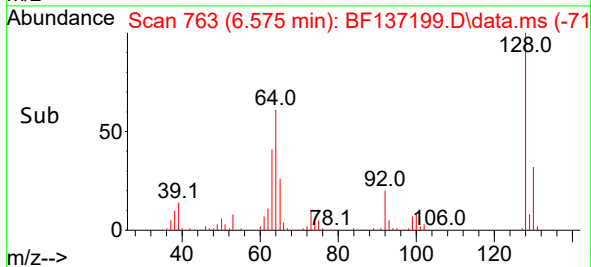
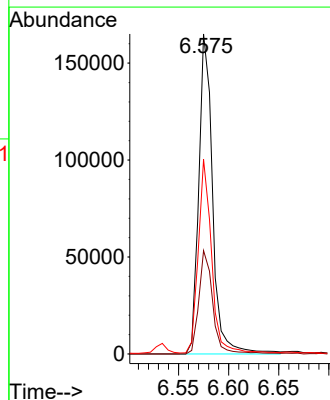
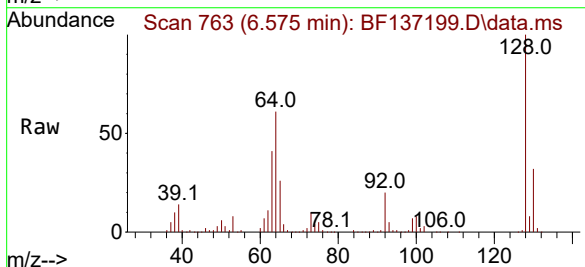
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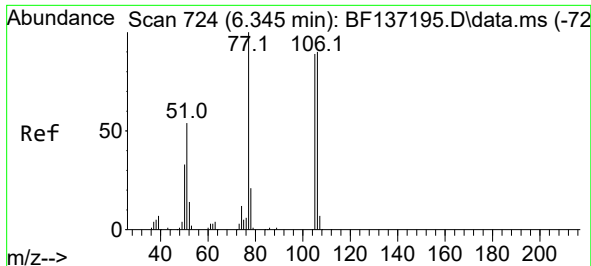
Tgt Ion: 99 Resp: 402340
Ion Ratio Lower Upper
99 100
42 20.3 16.4 24.6
71 40.4 32.4 48.6



#8
2-Chlorophenol
Concen: 42.269 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Tgt Ion: 128 Resp: 158916
Ion Ratio Lower Upper
128 100
130 32.3 12.4 52.4
64 60.8 41.6 81.6

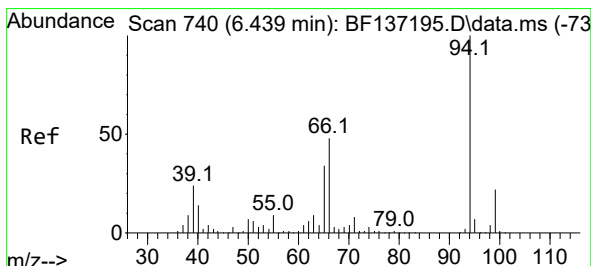
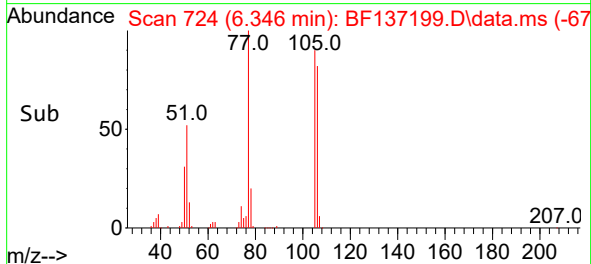
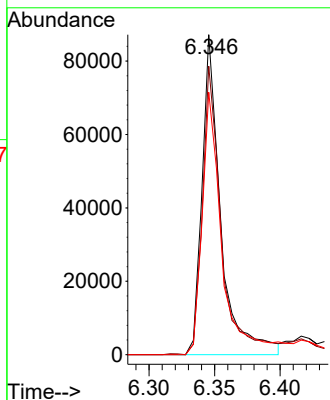
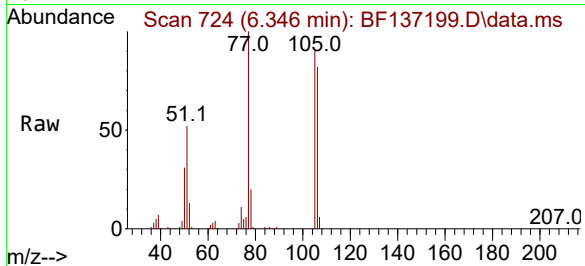




#9
Benzaldehyde
Concen: 47.501 ng
RT: 6.346 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

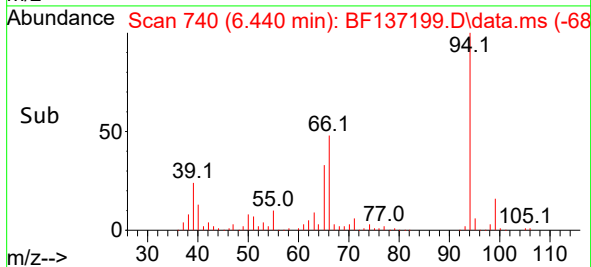
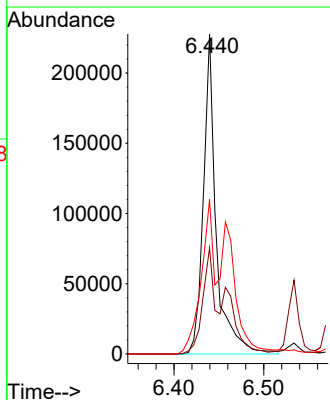
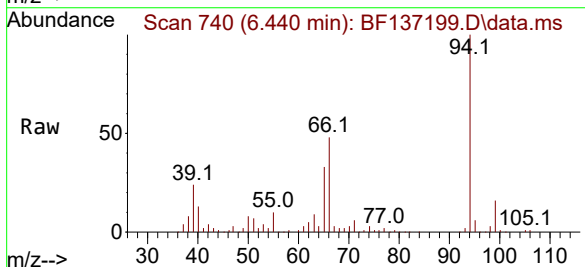
Instrument :
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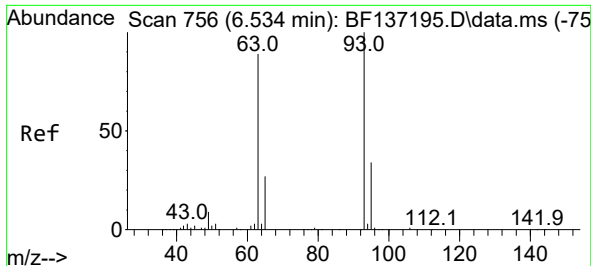
Tgt Ion: 77 Resp: 86805
Ion Ratio Lower Upper
77 100
105 90.2 69.1 109.1
106 82.0 69.6 109.6



#10
Phenol
Concen: 42.042 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.001 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Tgt Ion: 94 Resp: 225184
Ion Ratio Lower Upper
94 100
65 33.2 13.7 53.7
66 48.3 27.8 67.8

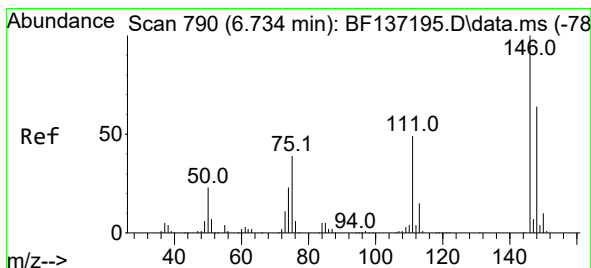
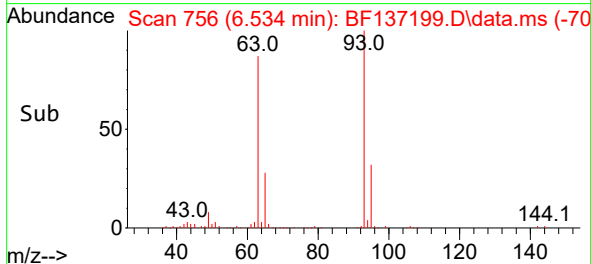
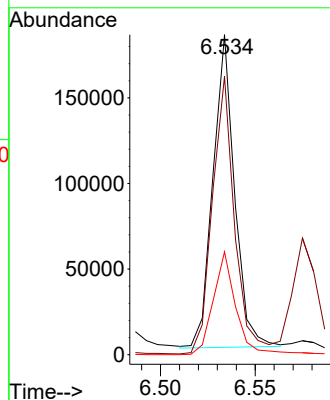
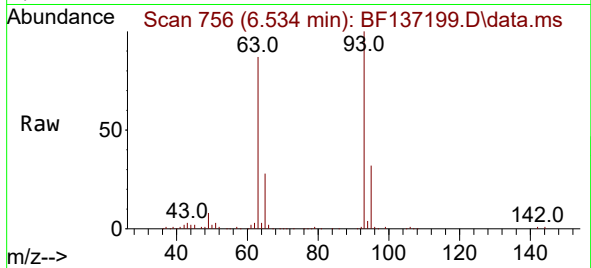




#11
bis(2-Chloroethyl)ether
Concen: 40.640 ng
RT: 6.534 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

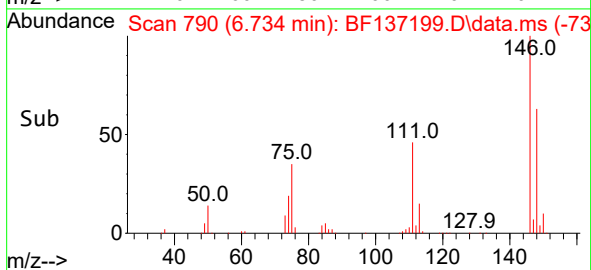
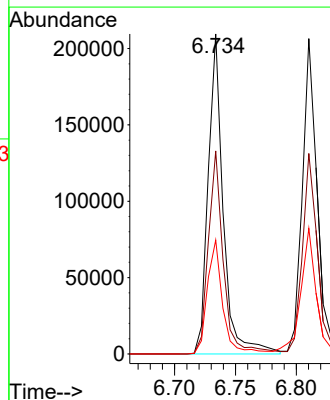
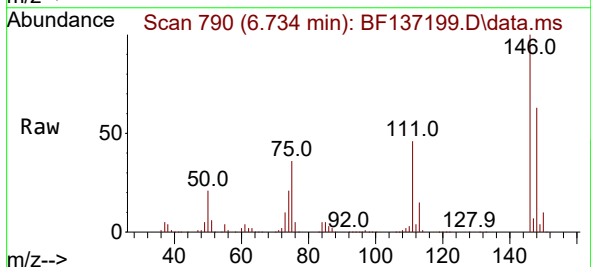
Instrument :
BNA_F
ClientSampleId :
ICVBF013024

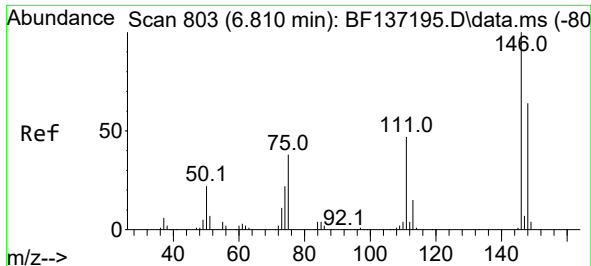
Tgt Ion: 93 Resp: 145473
Ion Ratio Lower Upper
93 100
63 87.0 66.7 106.7
95 32.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.775 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Tgt Ion:146 Resp: 179737
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.0
75 35.6 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 41.009 ng

RT: 6.810 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

Instrument :

BNA_F

ClientSampleId :

ICVBF013024

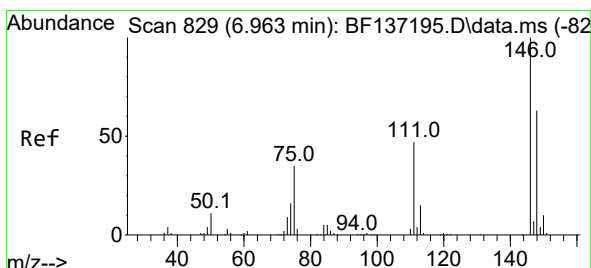
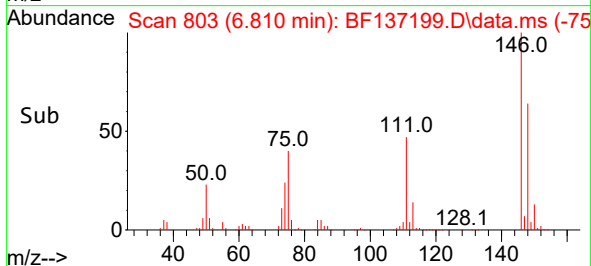
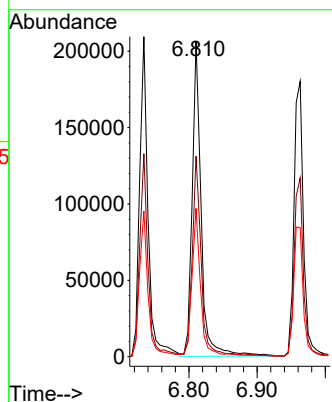
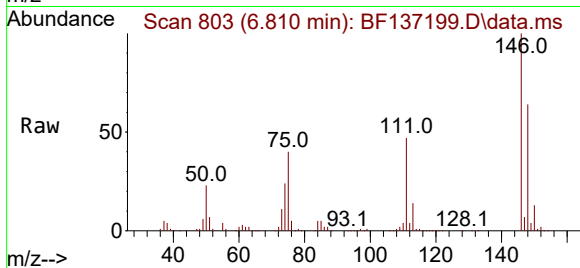
Tgt Ion:146 Resp: 186952

Ion Ratio Lower Upper

146 100

148 63.6 51.5 77.3

111 47.0 38.1 57.1



#14

1,2-Dichlorobenzene

Concen: 40.277 ng

RT: 6.963 min Scan# 829

Delta R.T. 0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

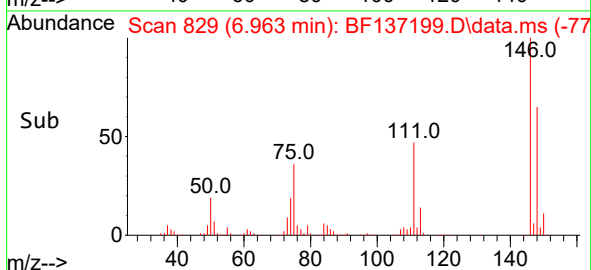
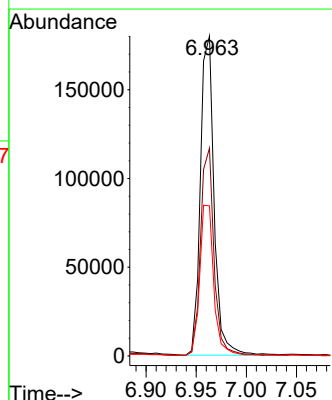
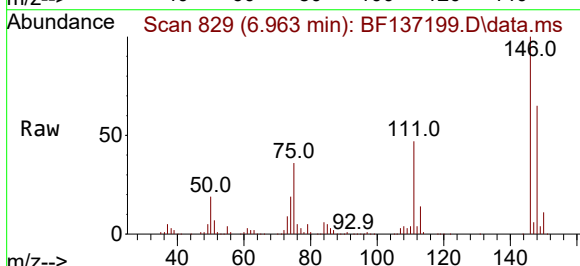
Tgt Ion:146 Resp: 171678

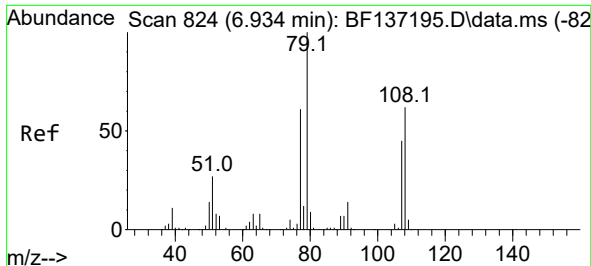
Ion Ratio Lower Upper

146 100

148 64.9 50.6 75.8

111 46.9 37.3 55.9

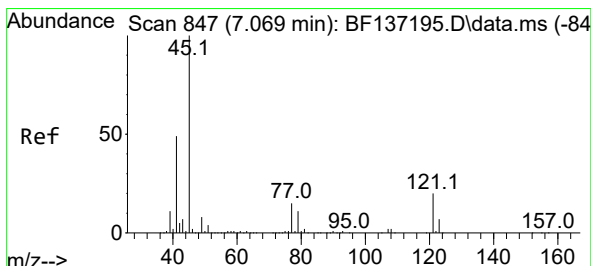
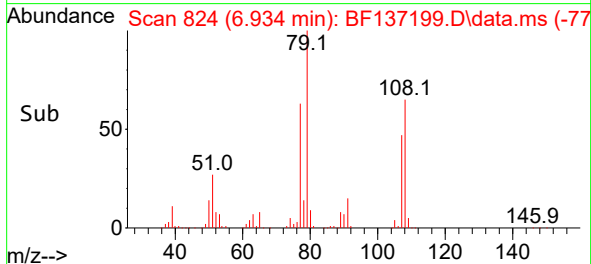
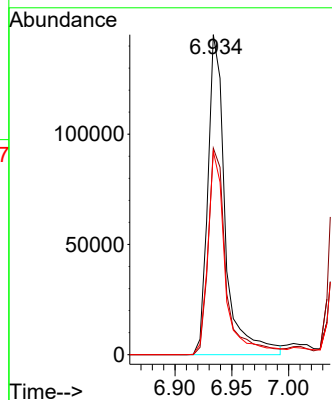
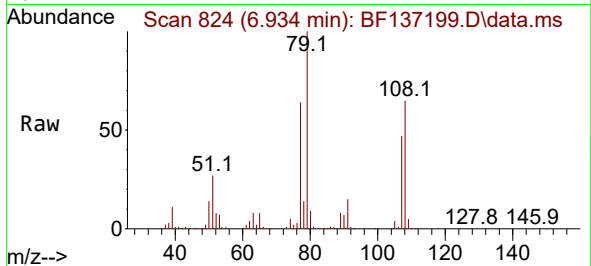




#15
Benzyl Alcohol
Concen: 45.426 ng
RT: 6.934 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

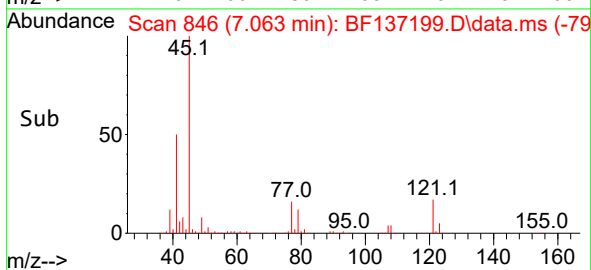
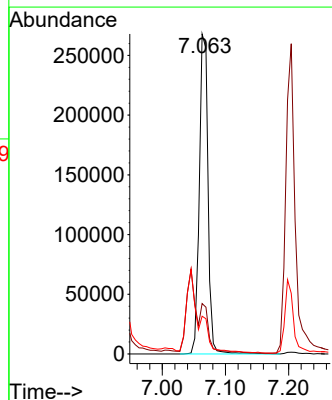
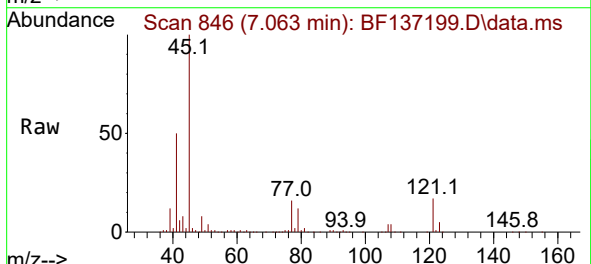
Instrument :
BNA_F
ClientSampleId :
ICVBF013024

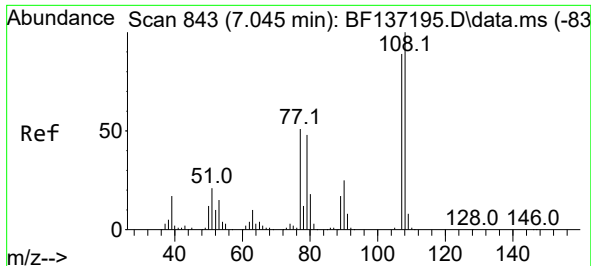
Tgt Ion: 79 Resp: 154861
Ion Ratio Lower Upper
79 100
108 64.6 49.3 73.9
77 63.5 48.8 73.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.517 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Tgt Ion: 45 Resp: 254806
Ion Ratio Lower Upper
45 100
77 15.8 0.0 35.9
79 11.8 0.0 32.4

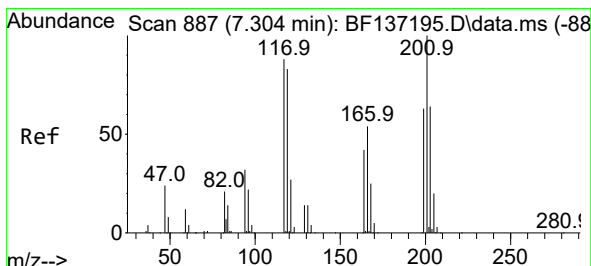
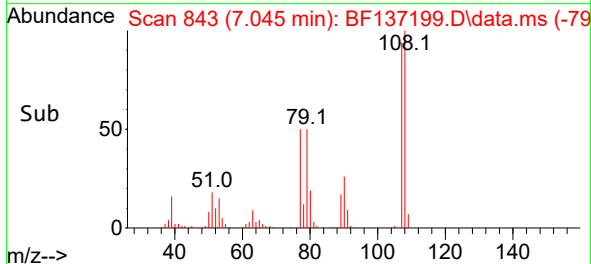
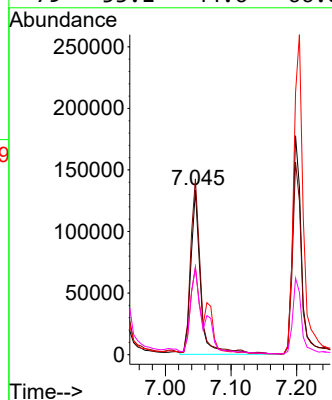
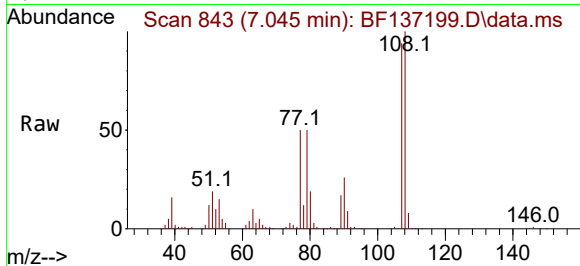




#17
2-Methylphenol
Concen: 43.812 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

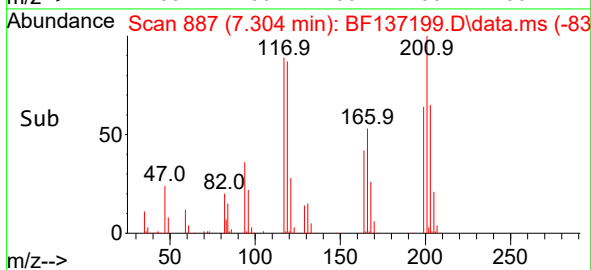
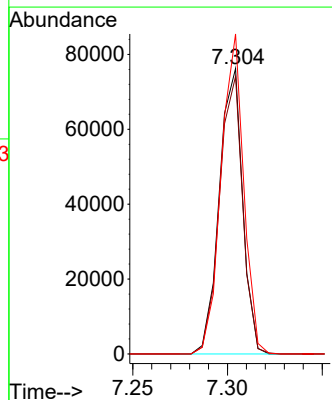
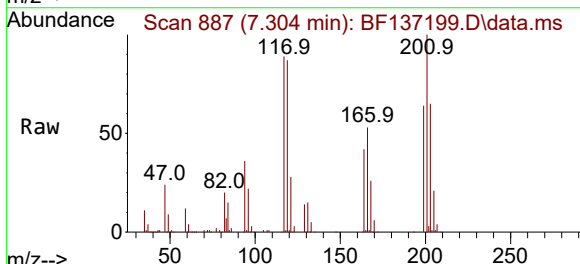
Instrument :
BNA_F
ClientSampleId :
ICVBF013024

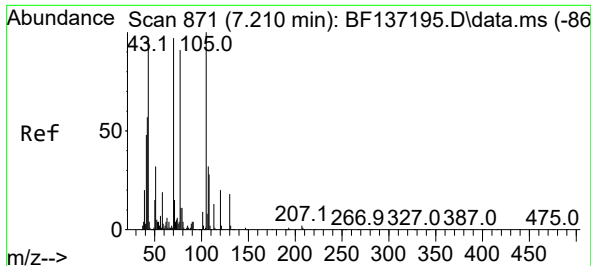
Tgt Ion:107 Resp: 137611
Ion Ratio Lower Upper
107 100
108 106.9 89.9 134.9
77 53.0 46.6 69.8
79 53.1 44.6 66.8



#18
Hexachloroethane
Concen: 39.660 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Tgt Ion:117 Resp: 65208
Ion Ratio Lower Upper
117 100
119 97.3 76.2 114.4
201 112.1 91.4 137.0



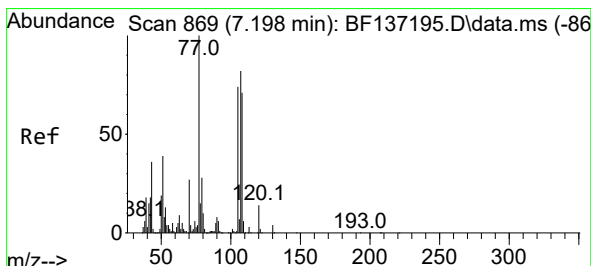
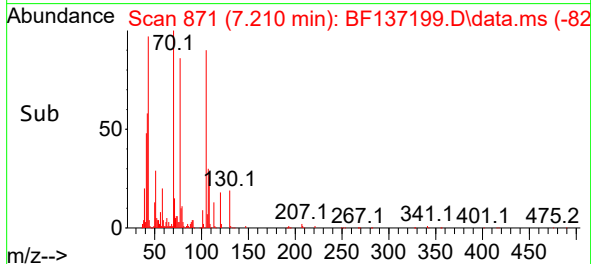
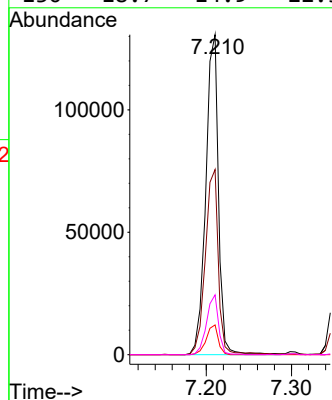
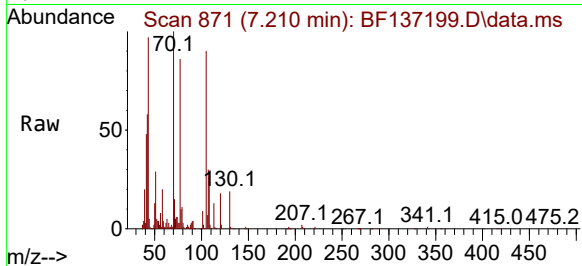


#19
n-Nitroso-di-n-propylamine
Concen: 41.023 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Instrument :
BNA_F
ClientSampleId :
ICVBF013024

Tgt Ion: 70 Resp: 134972

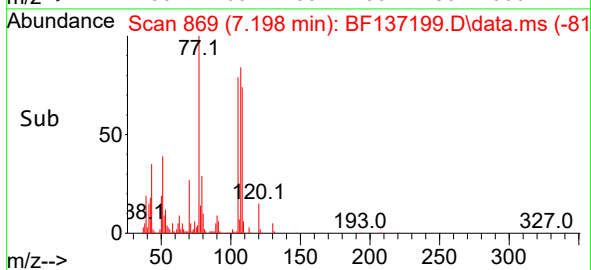
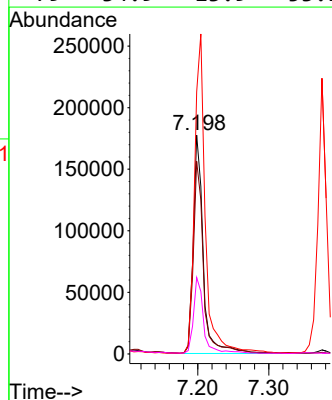
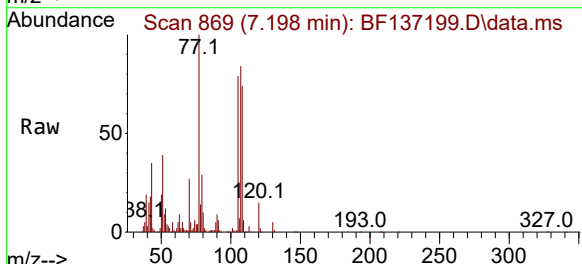
Ion	Ratio	Lower	Upper
70	100		
42	57.9	47.2	70.8
101	9.3	7.4	11.0
130	18.7	14.9	22.3

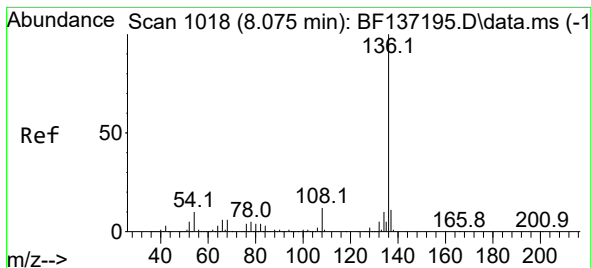


#20
3+4-Methylphenols
Concen: 43.792 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Tgt Ion: 107 Resp: 174124

Ion	Ratio	Lower	Upper
107	100		
108	88.0	66.3	106.3
77	119.7	101.4	141.4
79	34.9	13.9	53.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1018

Delta R.T. -0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

Instrument :

BNA_F

ClientSampleId :

ICVBF013024

Tgt Ion:136 Resp: 214653

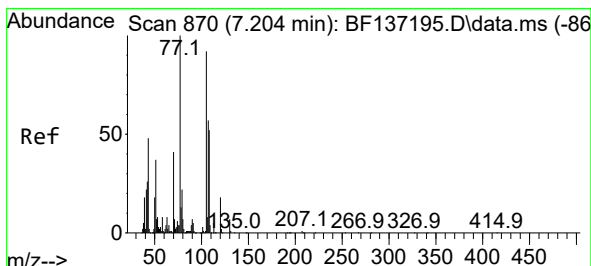
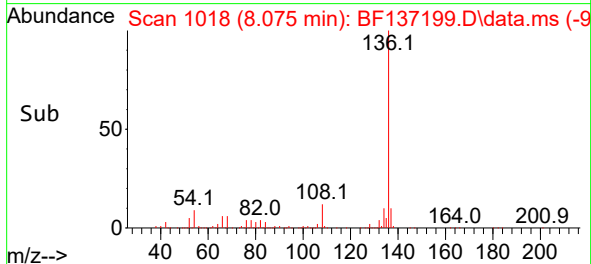
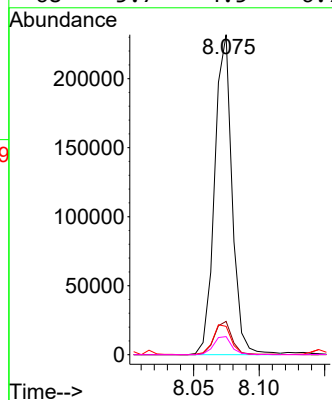
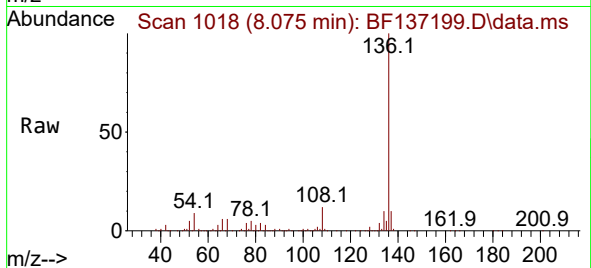
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 8.9 7.8 11.8

68 5.7 4.5 6.7



#22

Acetophenone

Concen: 42.877 ng

RT: 7.204 min Scan# 870

Delta R.T. 0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

Tgt Ion:105 Resp: 247778

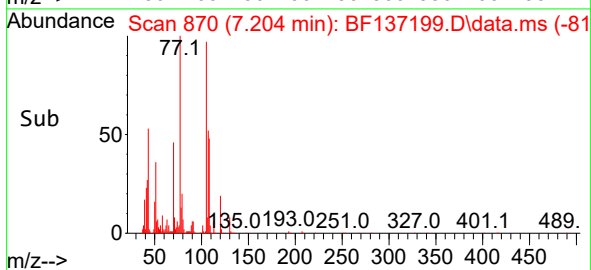
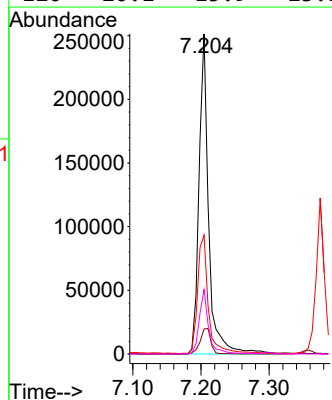
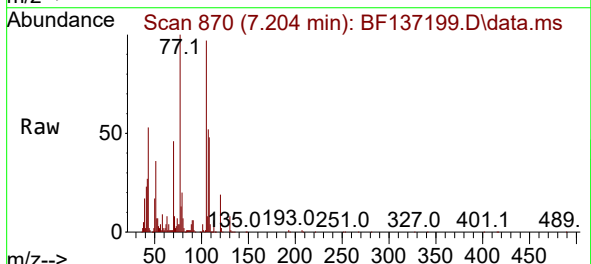
Ion Ratio Lower Upper

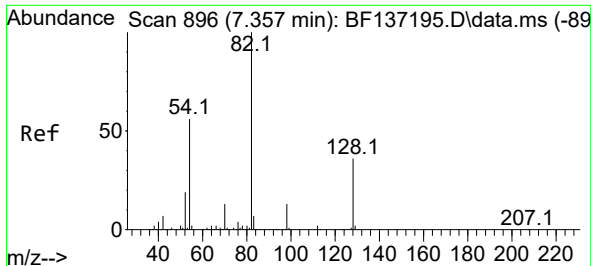
105 100

71 7.8 5.7 8.5

51 37.1 32.2 48.4

120 20.1 15.9 23.9





#23

Nitrobenzene-d5

Concen: 84.915 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

Instrument :

BNA_F

ClientSampleId :

ICVBF013024

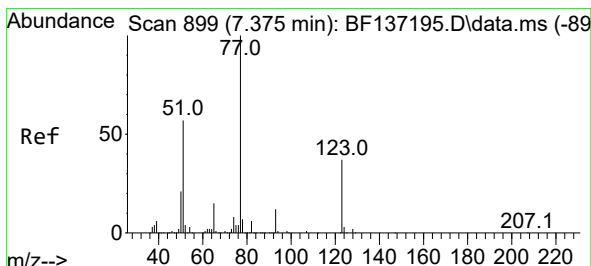
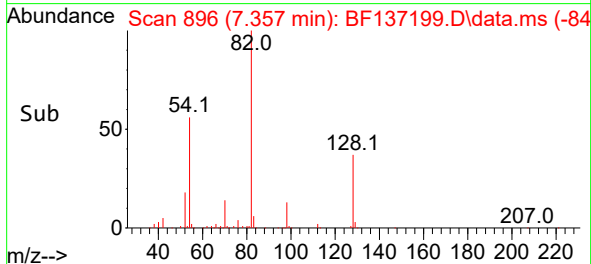
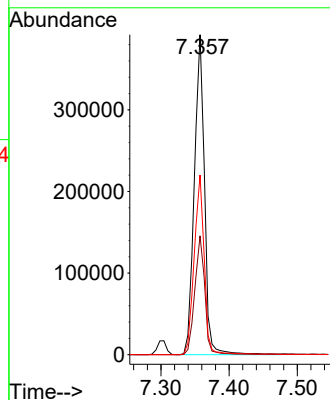
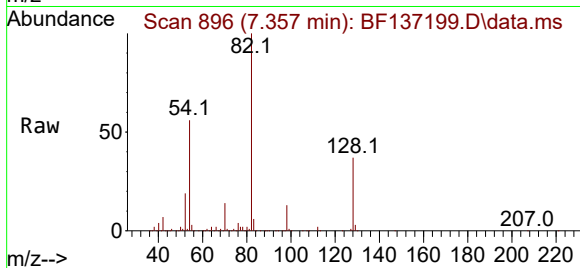
Tgt Ion: 82 Resp: 407115

Ion Ratio Lower Upper

82 100

128 37.1 29.1 43.7

54 56.1 45.0 67.6



#24

Nitrobenzene

Concen: 42.504 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

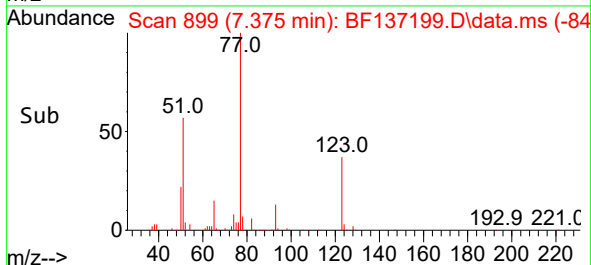
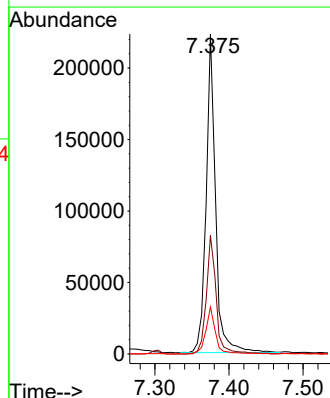
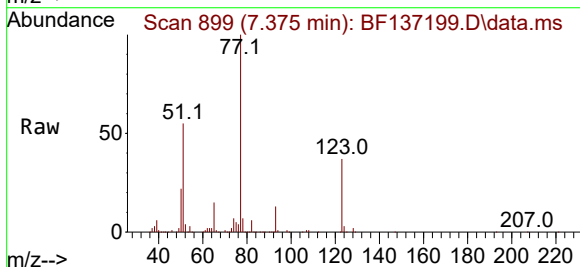
Tgt Ion: 77 Resp: 197787

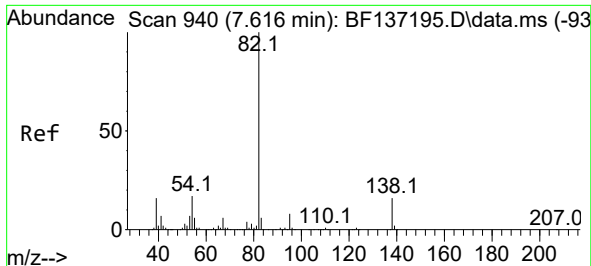
Ion Ratio Lower Upper

77 100

123 37.0 29.3 43.9

65 14.7 12.0 18.0

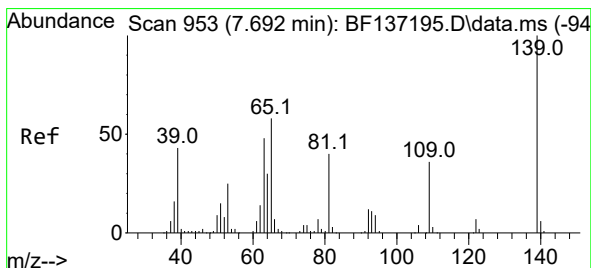
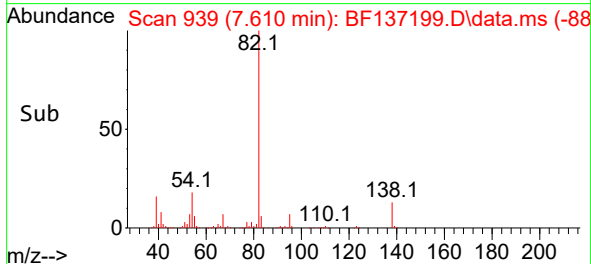
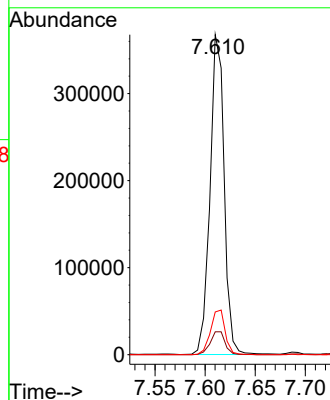
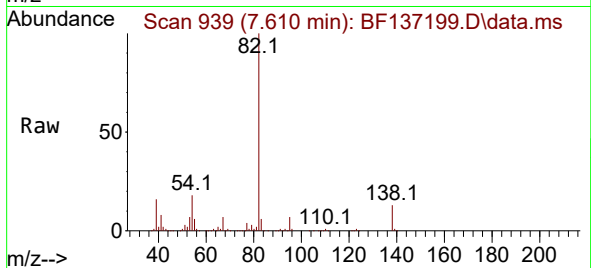




#25
Isophorone
Concen: 40.830 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

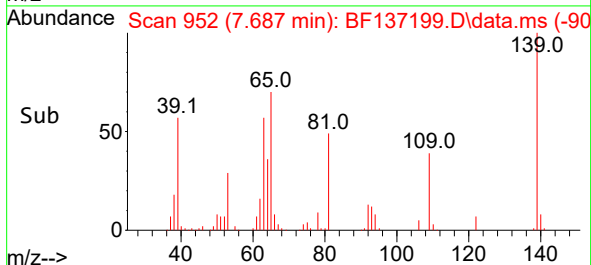
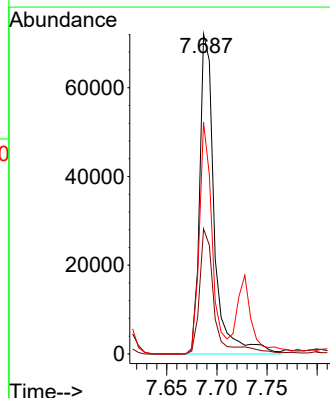
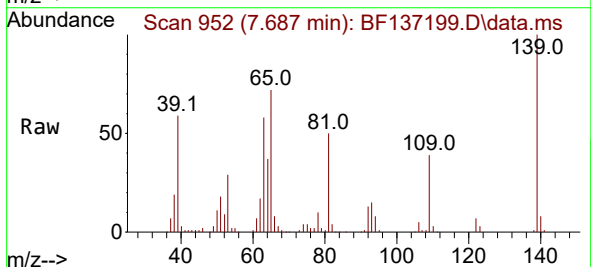
Instrument :
BNA_F
ClientSampleId :
ICVBF013024

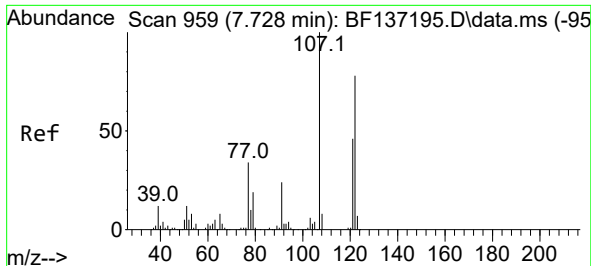
Tgt Ion: 82 Resp: 361324
Ion Ratio Lower Upper
82 100
95 7.2 6.4 9.6
138 13.3 12.7 19.1



#26
2-Nitrophenol
Concen: 41.417 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.005 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Tgt Ion: 139 Resp: 73978
Ion Ratio Lower Upper
139 100
109 39.1 28.5 42.7
65 72.5 46.7 70.1#

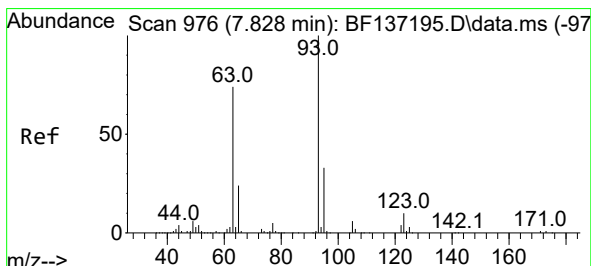
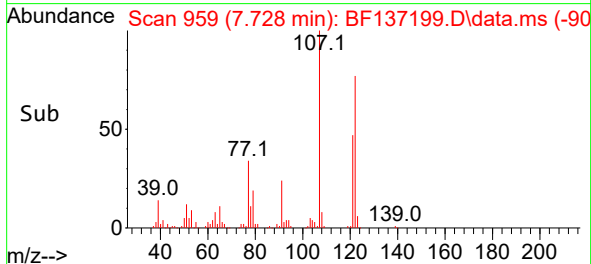
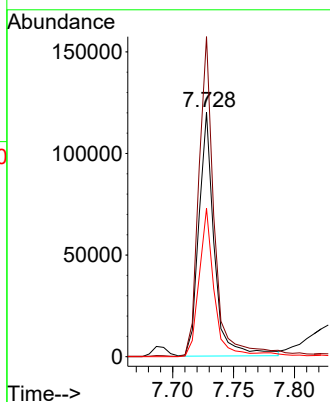
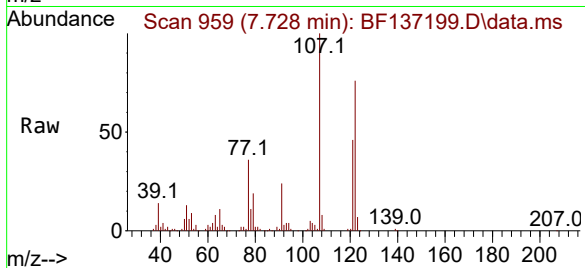




#27
2,4-Dimethylphenol
Concen: 41.834 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

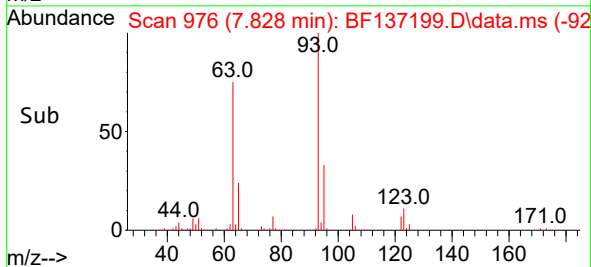
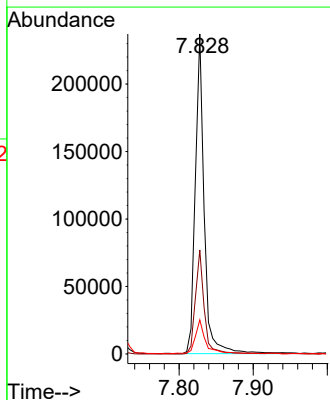
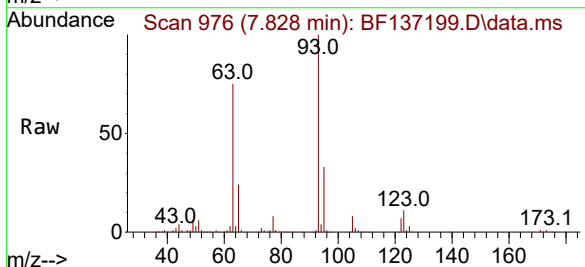
Instrument :
BNA_F
ClientSampleId :
ICVBF013024

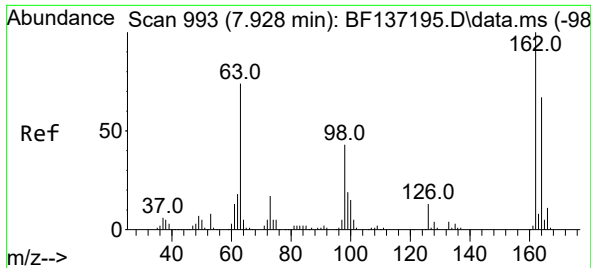
Tgt Ion:122 Resp: 105817
Ion Ratio Lower Upper
122 100
107 130.9 101.8 152.6
121 60.7 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.894 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Tgt Ion: 93 Resp: 196878
Ion Ratio Lower Upper
93 100
95 32.5 26.1 39.1
123 10.7 7.8 11.8

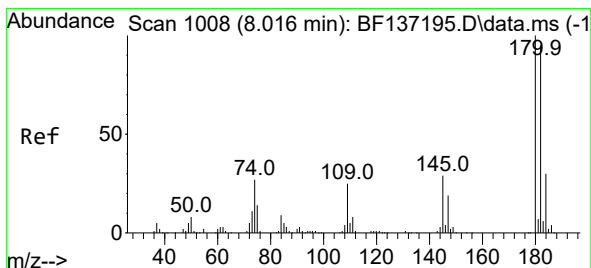
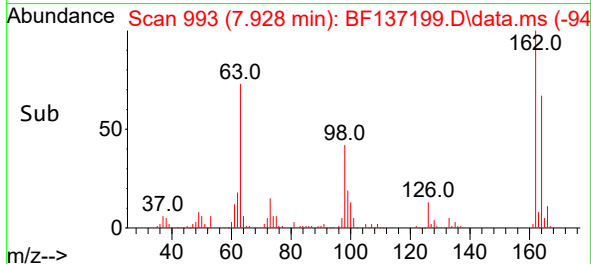
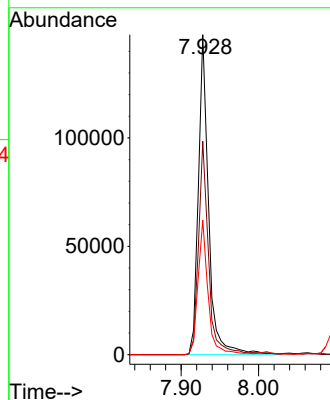
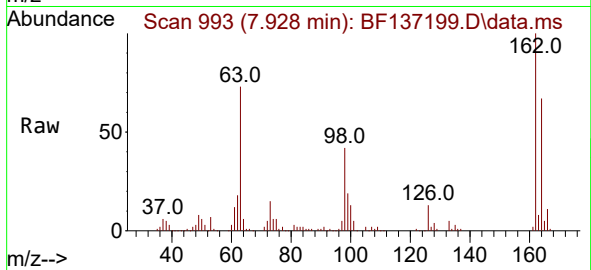




#29
2,4-Dichlorophenol
Concen: 43.405 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

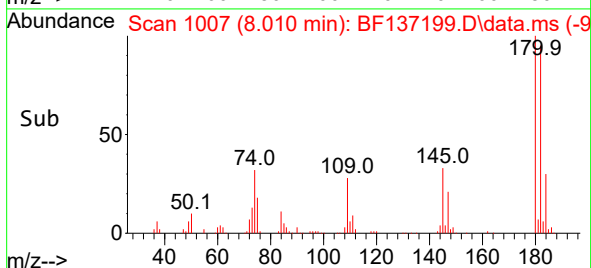
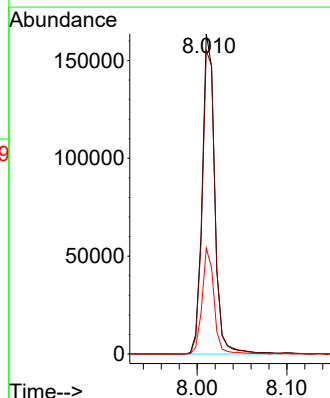
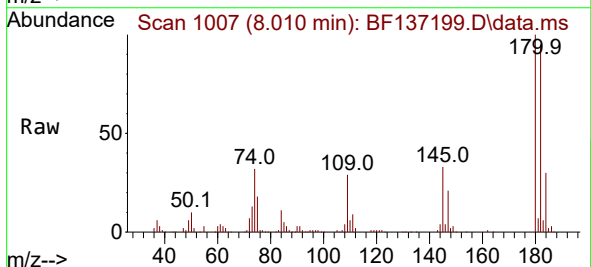
Instrument :
BNA_F
ClientSampleId :
ICVBF013024

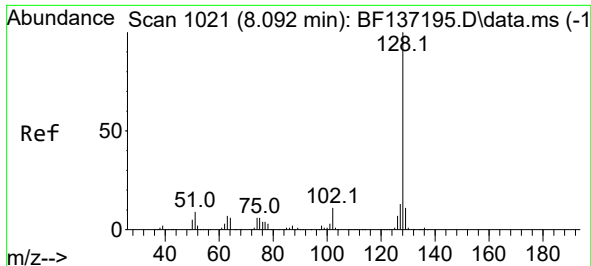
Tgt Ion:162 Resp: 136201
Ion Ratio Lower Upper
162 100
164 66.7 46.7 86.7
98 42.0 22.9 62.9



#30
1,2,4-Trichlorobenzene
Concen: 40.702 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Tgt Ion:180 Resp: 158645
Ion Ratio Lower Upper
180 100
182 94.9 75.9 113.9
145 33.1 23.2 34.8

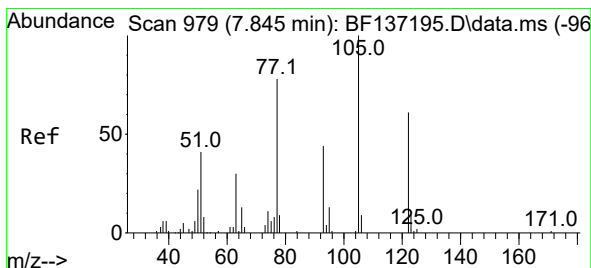
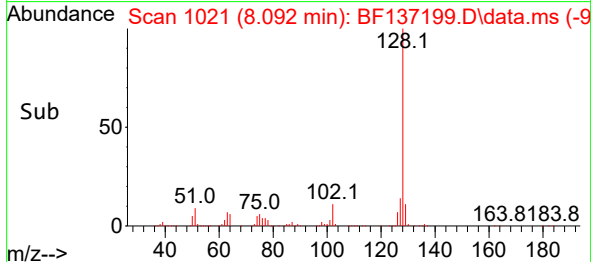
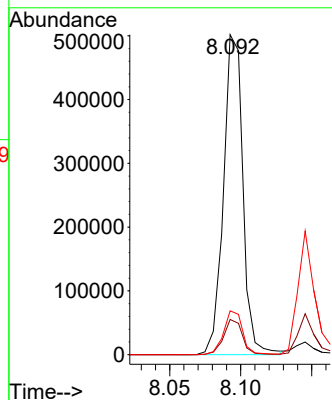
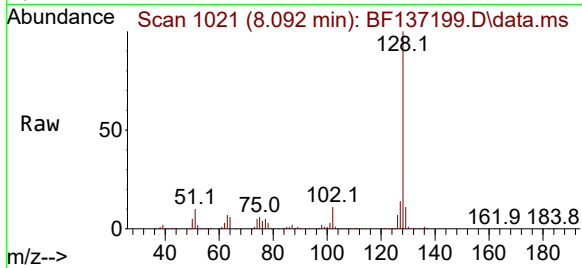




#31
Naphthalene
Concen: 41.084 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

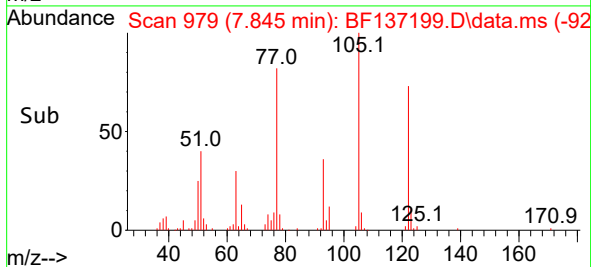
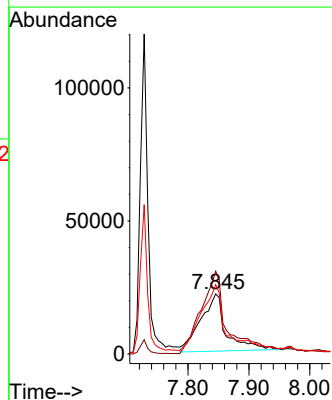
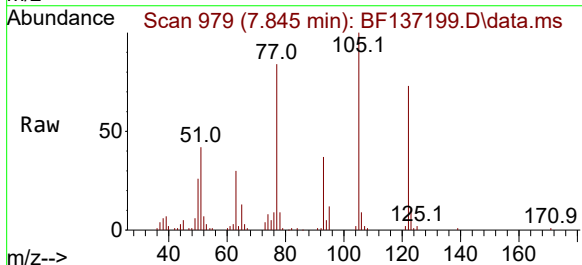
Instrument :
BNA_F
ClientSampleId :
ICVBF013024

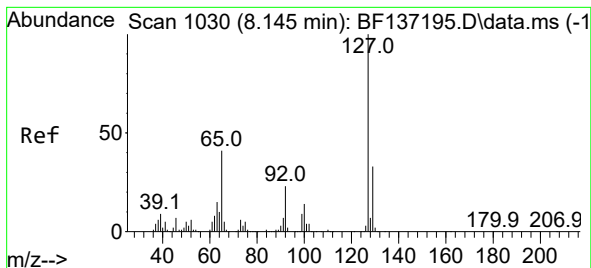
Tgt Ion:128 Resp: 476751
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.7 10.5 15.7



#32
Benzoic acid
Concen: 37.790 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Tgt Ion:122 Resp: 63079
Ion Ratio Lower Upper
122 100
105 137.9 122.5 162.5
77 115.6 96.4 136.4





#33

4-Chloroaniline

Concen: 44.007 ng

RT: 8.145 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

Instrument :

BNA_F

ClientSampleId :

ICVBF013024

Tgt Ion:127 Resp: 175660

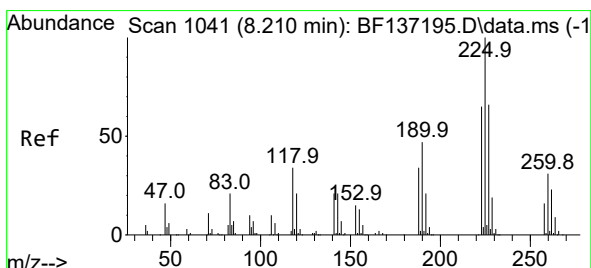
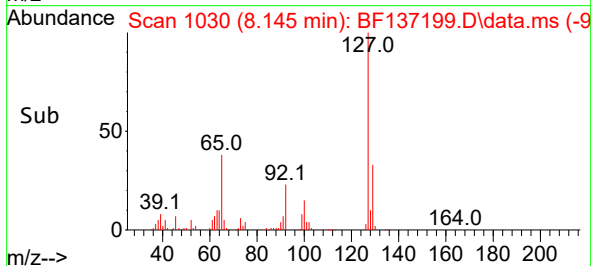
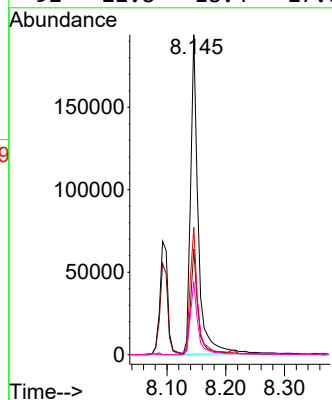
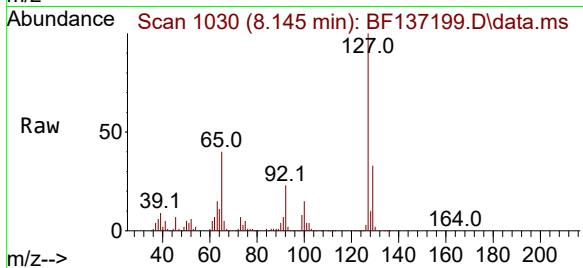
Ion Ratio Lower Upper

127 100

129 33.0 26.8 40.2

65 39.8 32.9 49.3

92 22.8 18.4 27.6



#34

Hexachlorobutadiene

Concen: 40.039 ng

RT: 8.210 min Scan# 1041

Delta R.T. 0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

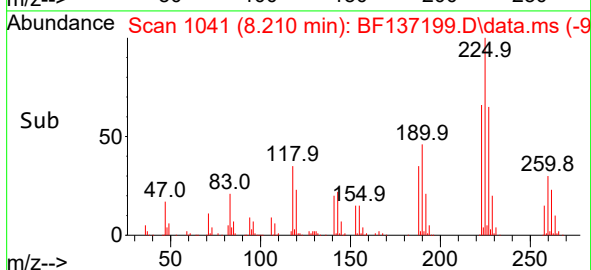
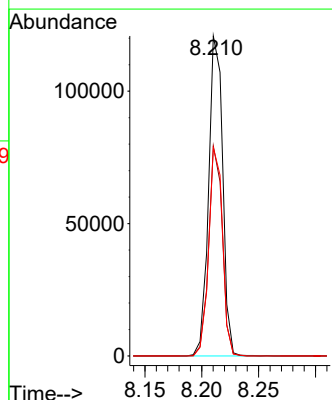
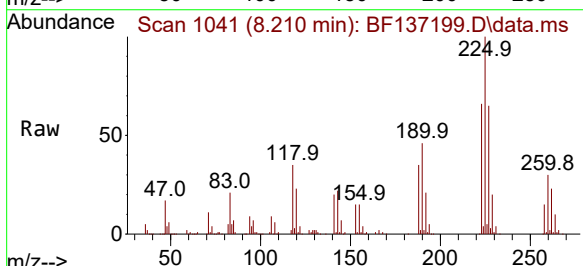
Tgt Ion:225 Resp: 103767

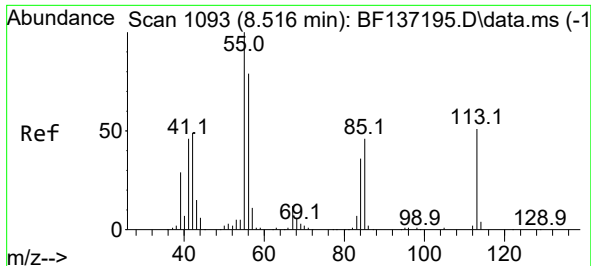
Ion Ratio Lower Upper

225 100

223 65.6 52.0 78.0

227 65.2 52.9 79.3

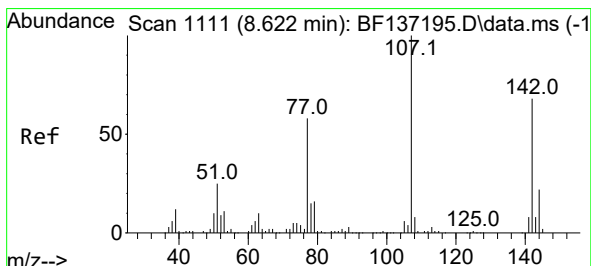
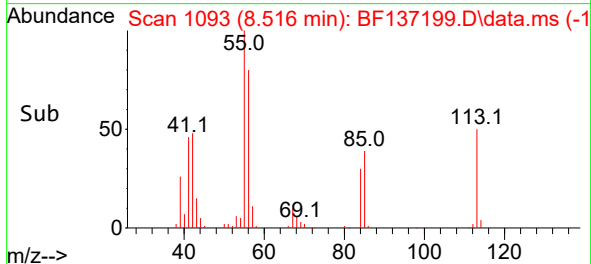
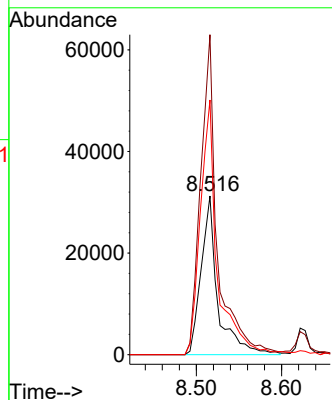
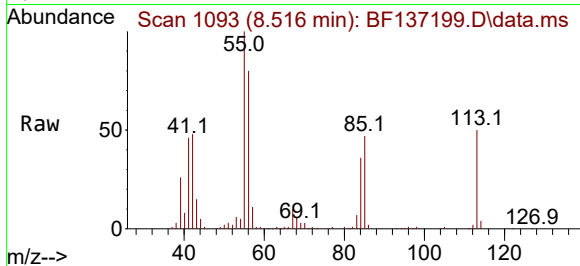




#35
 Caprolactam
 Concen: 43.714 ng
 RT: 8.516 min Scan# 1093
 Delta R.T. 0.000 min
 Lab File: BF137199.D
 Acq: 30 Jan 2024 16:29

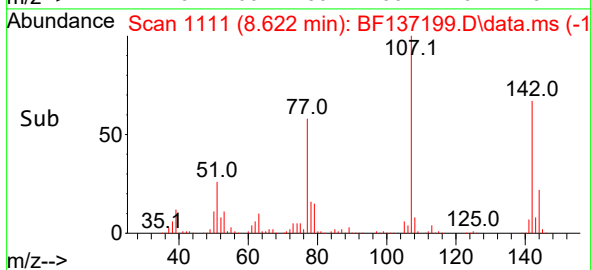
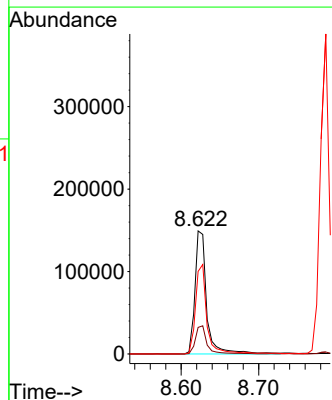
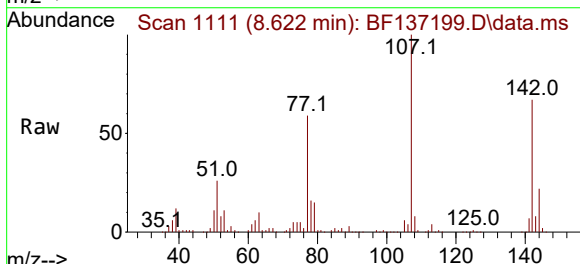
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013024

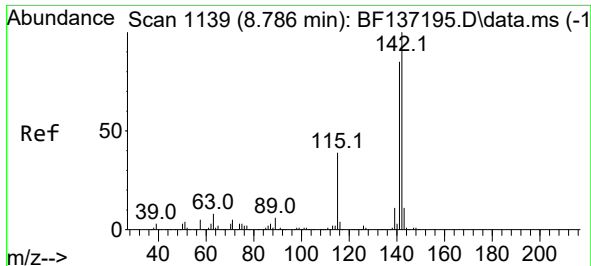
Tgt Ion:113 Resp: 42652
 Ion Ratio Lower Upper
 113 100
 55 201.6 176.0 216.0
 56 160.5 134.0 174.0



#36
 4-Chloro-3-methylphenol
 Concen: 42.464 ng
 RT: 8.622 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: BF137199.D
 Acq: 30 Jan 2024 16:29

Tgt Ion:107 Resp: 157381
 Ion Ratio Lower Upper
 107 100
 144 21.6 17.2 25.8
 142 67.1 54.6 82.0





#37

2-Methylnaphthalene

Concen: 41.157 ng

RT: 8.787 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

Instrument :

BNA_F

ClientSampleId :

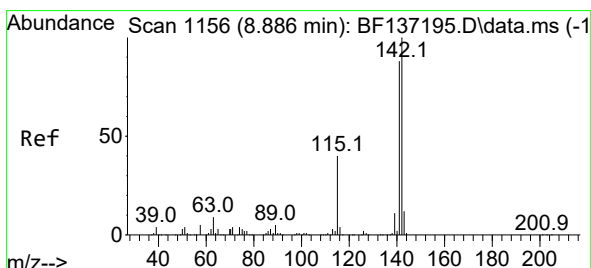
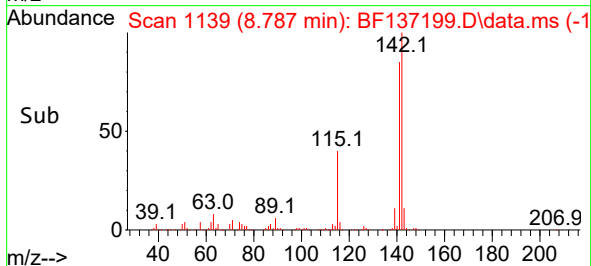
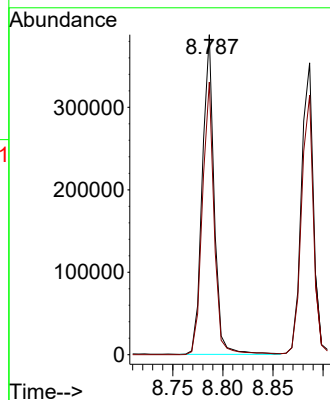
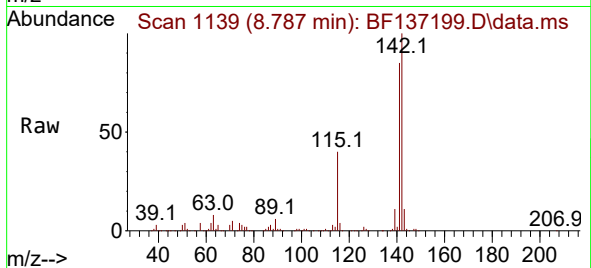
ICVBF013024

Tgt Ion:142 Resp: 320195

Ion Ratio Lower Upper

142 100

141 85.2 67.8 101.8



#38

1-Methylnaphthalene

Concen: 41.631 ng

RT: 8.887 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF137199.D

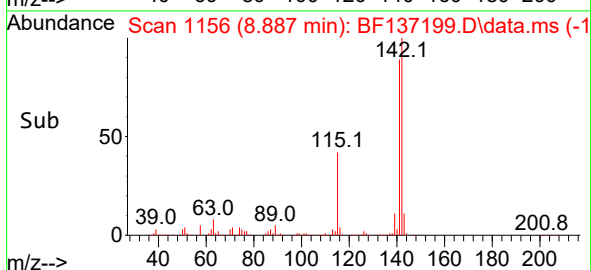
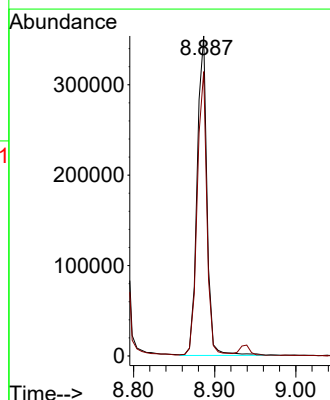
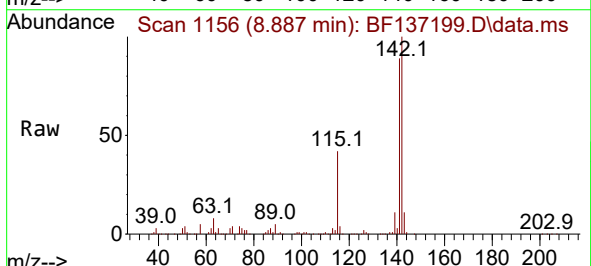
Acq: 30 Jan 2024 16:29

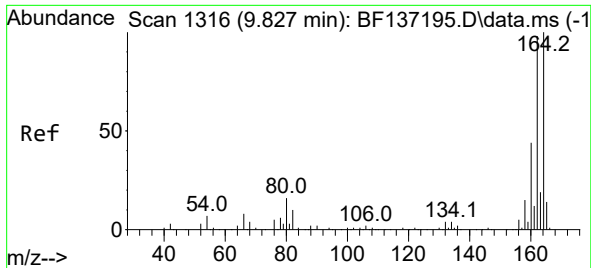
Tgt Ion:142 Resp: 300822

Ion Ratio Lower Upper

142 100

141 88.9 70.6 105.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1167

Delta R.T. 0.001 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

Instrument :

BNA_F

ClientSampleId :

ICVBF013024

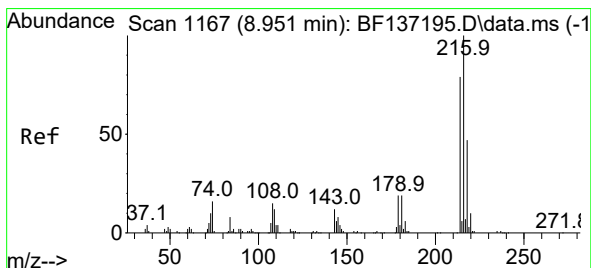
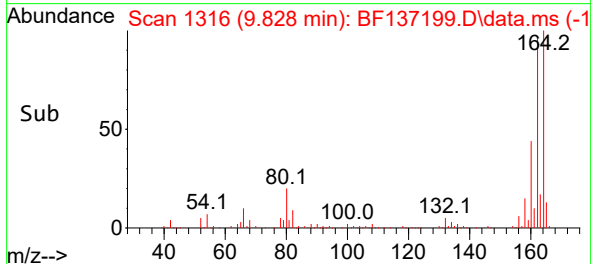
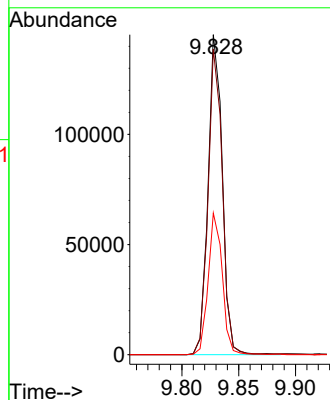
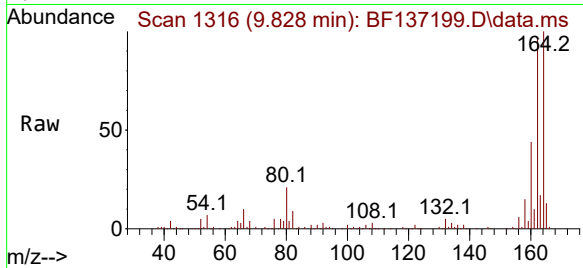
Tgt Ion:164 Resp: 126407

Ion Ratio Lower Upper

164 100

162 95.5 78.3 117.5

160 44.3 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.270 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

Tgt Ion:216 Resp: 170328

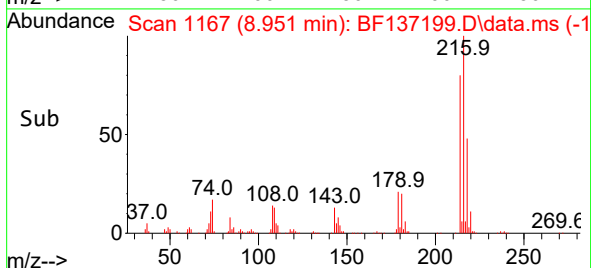
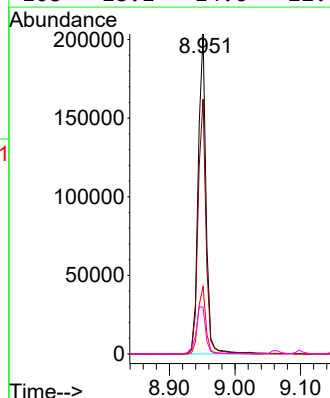
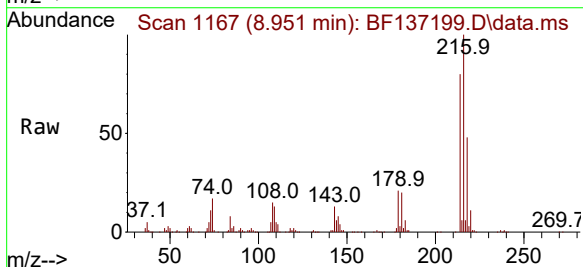
Ion Ratio Lower Upper

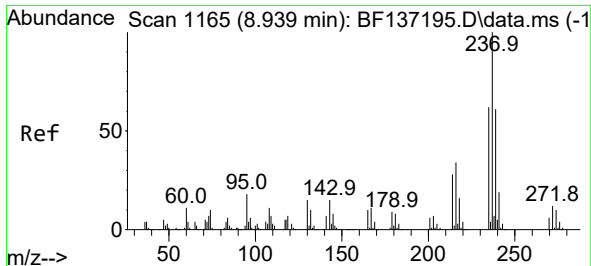
216 100

214 80.8 63.9 95.9

179 20.9 16.2 24.2

108 18.1 14.6 22.0

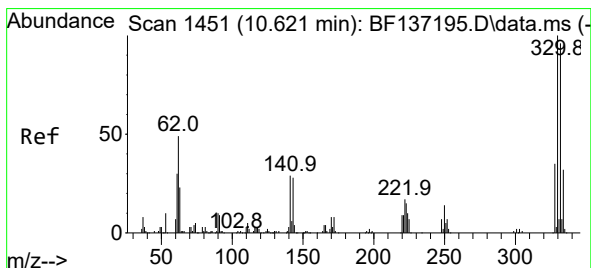
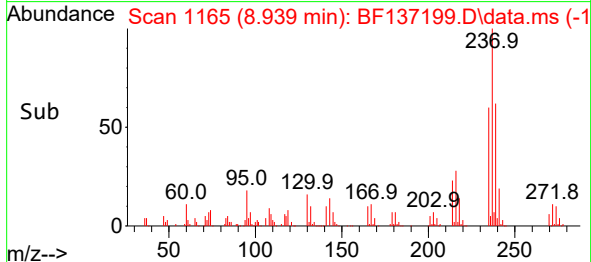
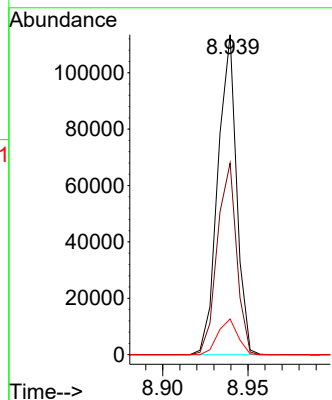
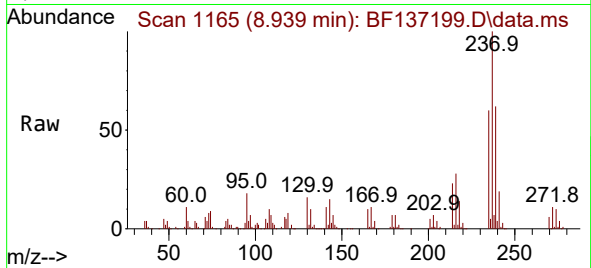




#41
Hexachlorocyclopentadiene
Concen: 43.007 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

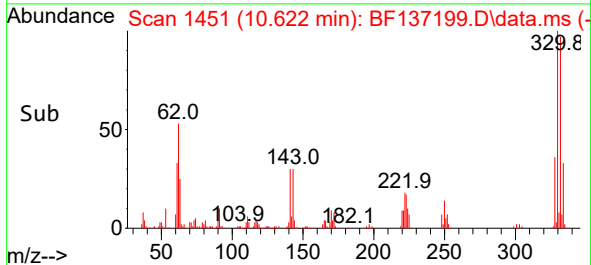
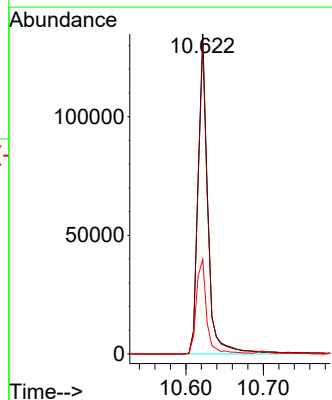
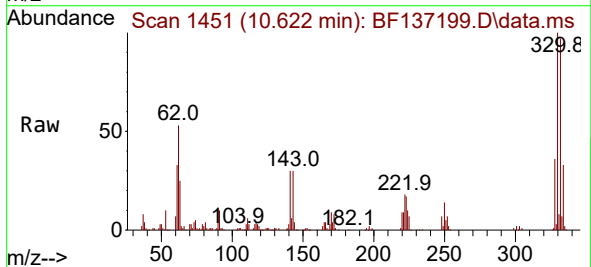
Instrument :
BNA_F
ClientSampleId :
ICVBF013024

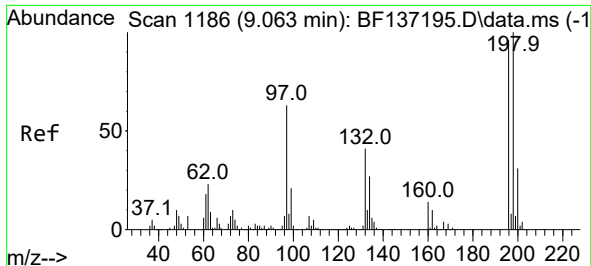
Tgt Ion:237 Resp: 86640
Ion Ratio Lower Upper
237 100
235 59.9 41.6 81.6
272 11.1 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 82.753 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Tgt Ion:330 Resp: 118136
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 31.4 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 44.061 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

Instrument :

BNA_F

ClientSampleId :

ICVBF013024

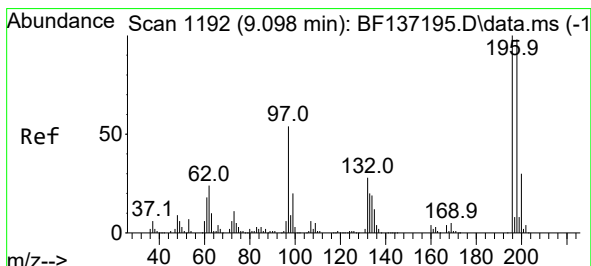
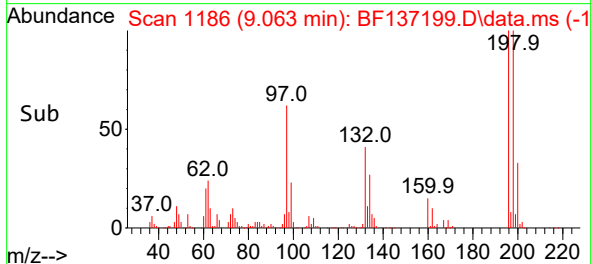
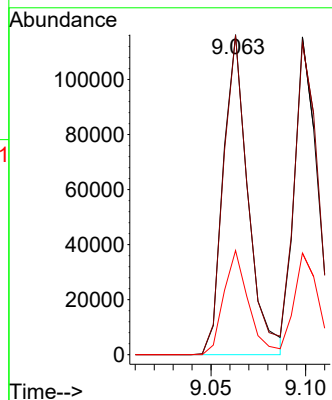
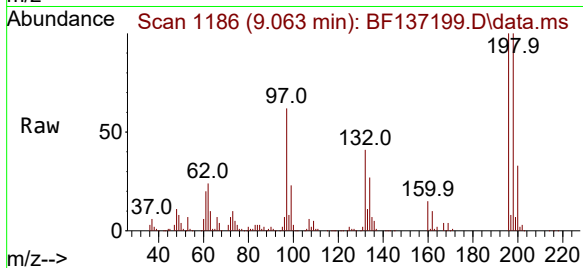
Tgt Ion:196 Resp: 105706

Ion Ratio Lower Upper

196 100

198 99.8 83.0 124.6

200 32.5 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 42.891 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

Tgt Ion:196 Resp: 112475

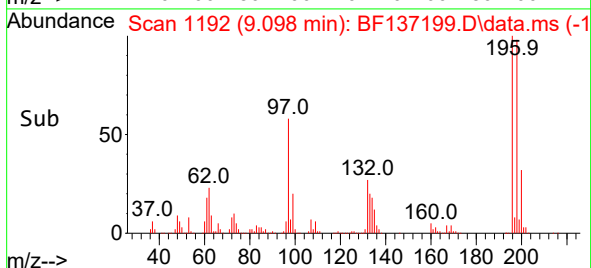
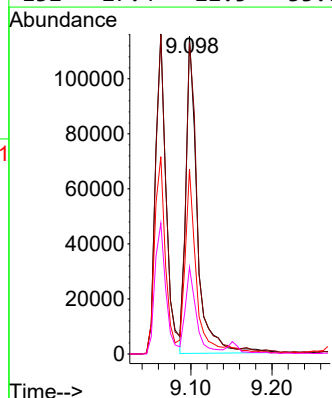
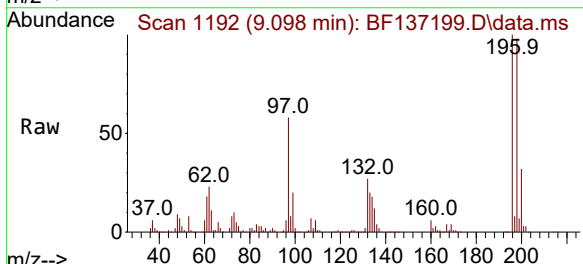
Ion Ratio Lower Upper

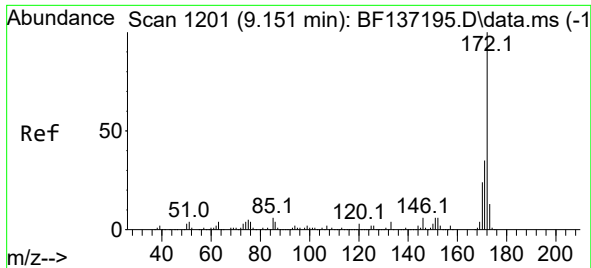
196 100

198 98.2 78.2 117.4

97 58.2 44.2 66.2

132 27.4 22.5 33.7

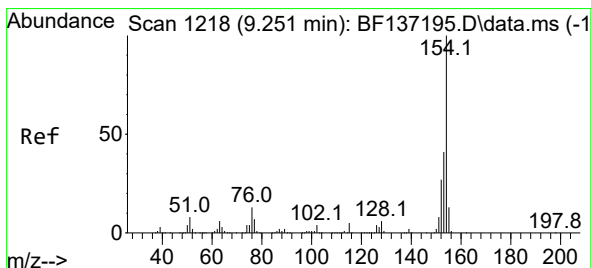
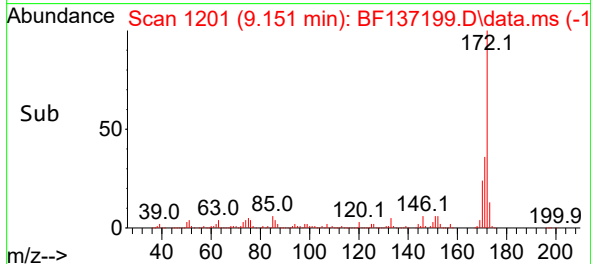
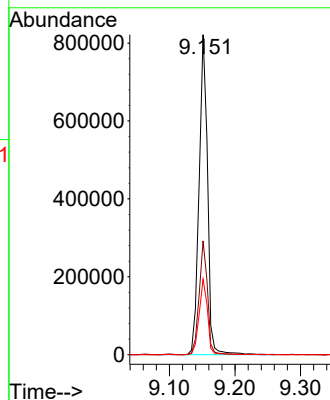
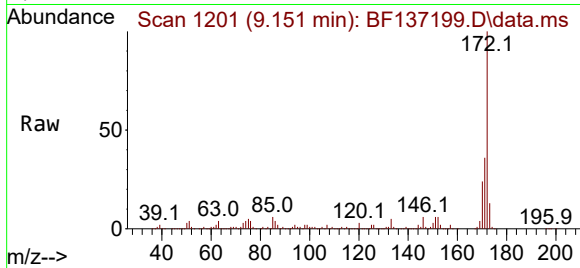




#45
2-Fluorobiphenyl
Concen: 80.483 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

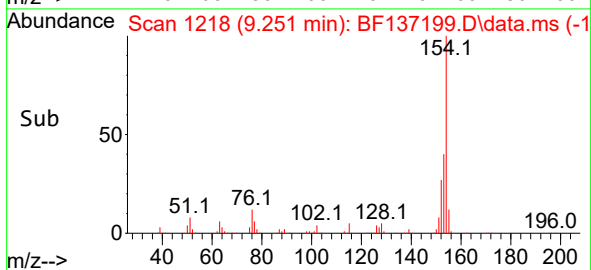
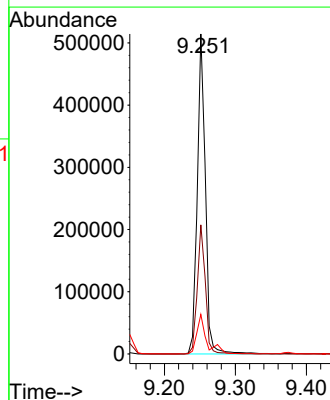
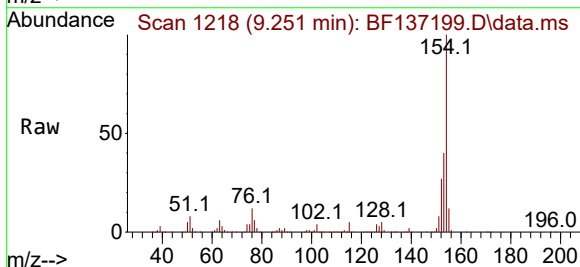
Instrument :
BNA_F
ClientSampleId :
ICVBF013024

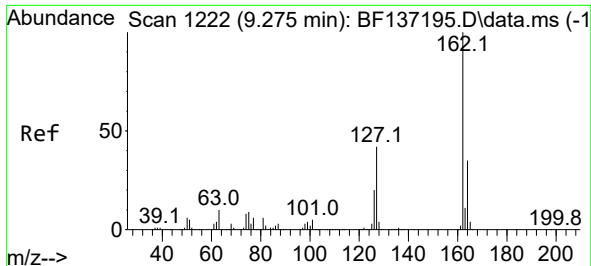
Tgt Ion:172 Resp: 740080
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.5 19.1 28.7



#46
1,1'-Biphenyl
Concen: 40.712 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Tgt Ion:154 Resp: 409455
Ion Ratio Lower Upper
154 100
153 40.3 21.2 61.2
76 12.4 0.0 33.0

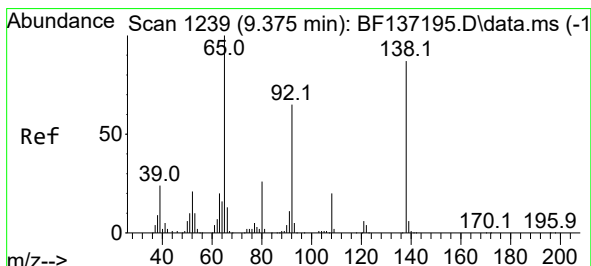
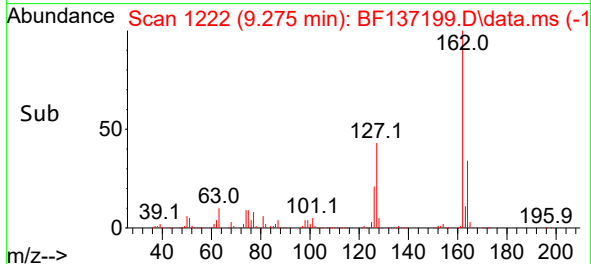
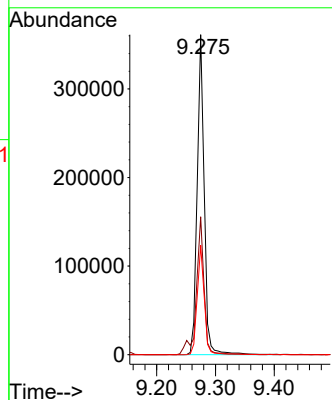
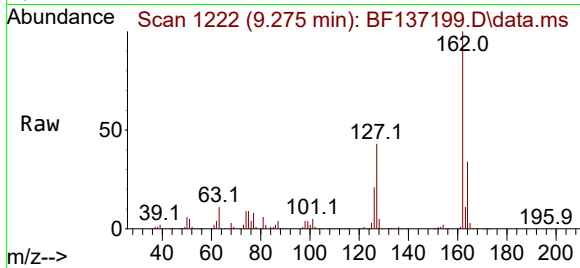




#47
2-Chloronaphthalene
Concen: 40.705 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

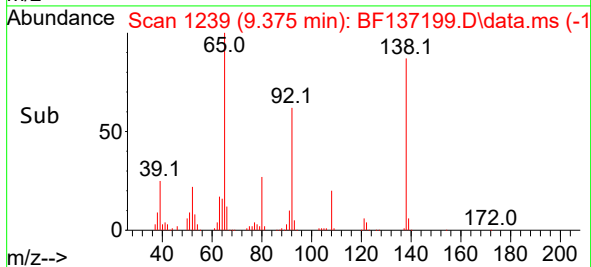
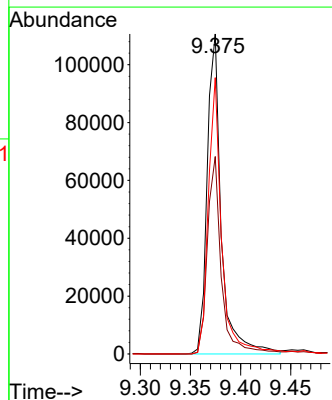
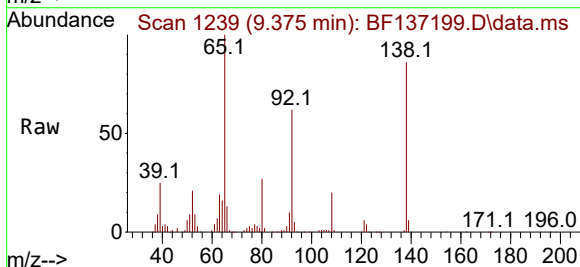
Instrument :
BNA_F
ClientSampleId :
ICVBF013024

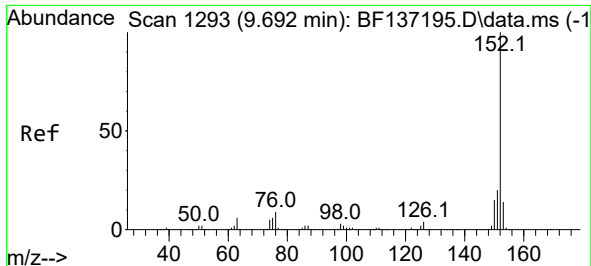
Tgt Ion:162 Resp: 302967
Ion Ratio Lower Upper
162 100
127 43.1 34.1 51.1
164 34.1 27.9 41.9



#48
2-Nitroaniline
Concen: 45.145 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Tgt Ion: 65 Resp: 108754
Ion Ratio Lower Upper
65 100
92 61.7 51.7 77.5
138 86.4 69.7 104.5





#49

Acenaphthylene

Concen: 40.923 ng

RT: 9.692 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

Instrument :

BNA_F

ClientSampleId :

ICVBF013024

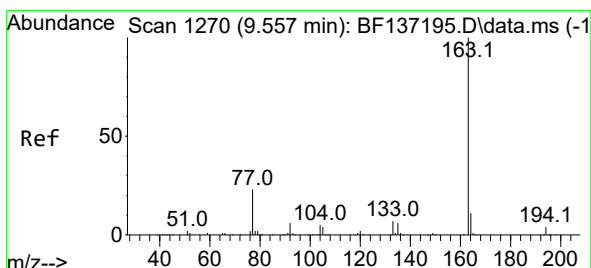
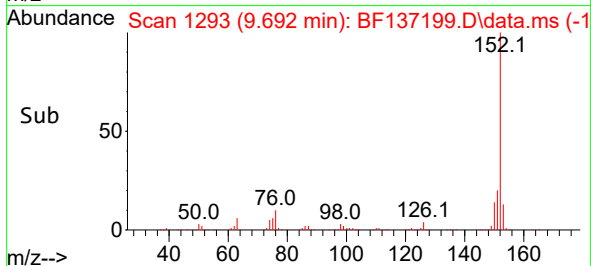
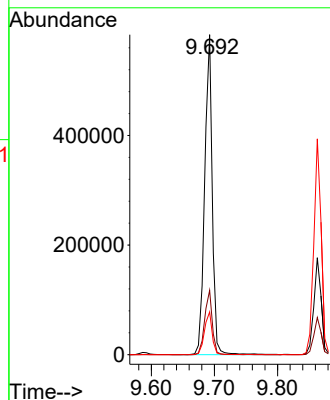
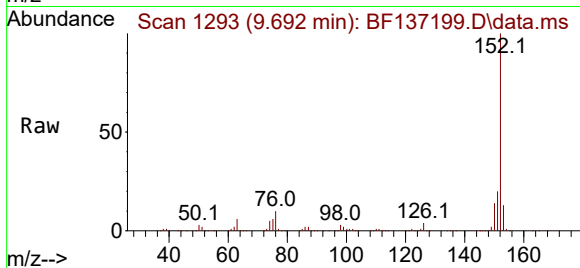
Tgt Ion:152 Resp: 487617

Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

153 13.3 11.2 16.8



#50

Dimethylphthalate

Concen: 41.079 ng

RT: 9.557 min Scan# 1270

Delta R.T. 0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

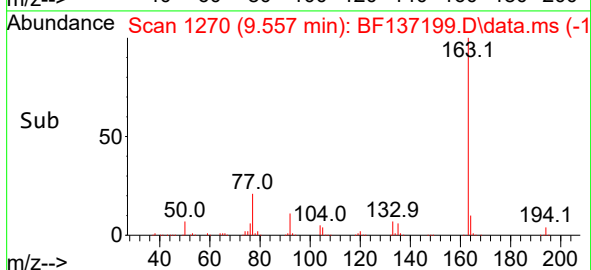
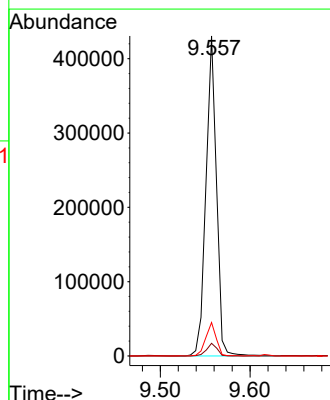
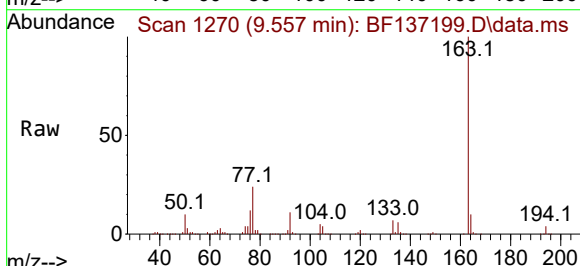
Tgt Ion:163 Resp: 350802

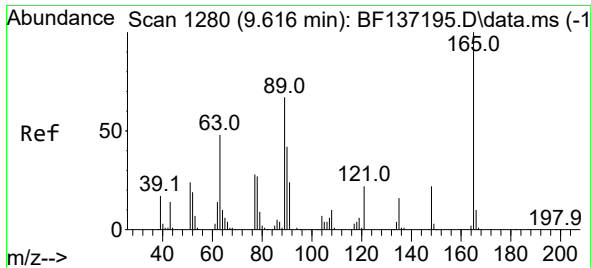
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.5 8.6 13.0

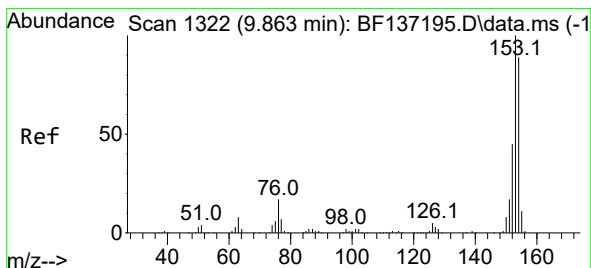
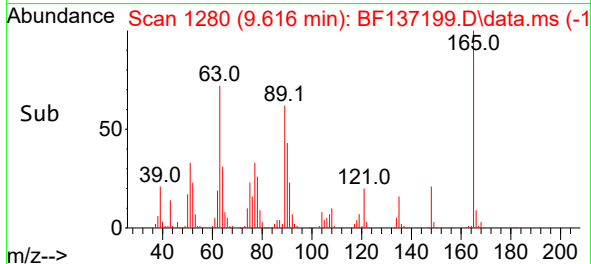
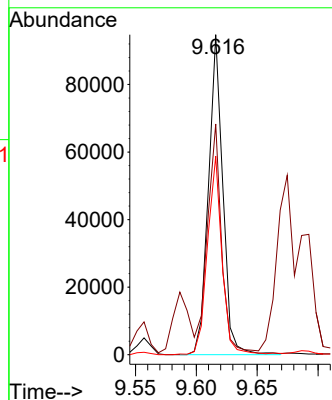
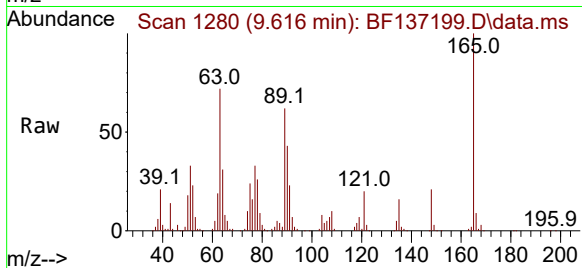




#51
2,6-Dinitrotoluene
Concen: 42.663 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

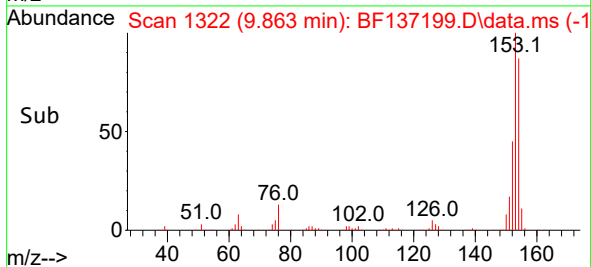
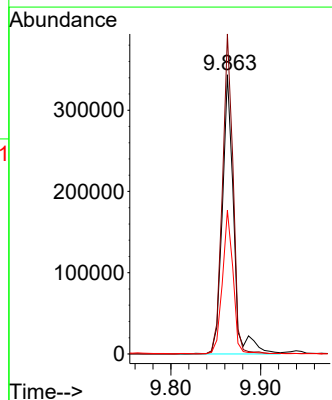
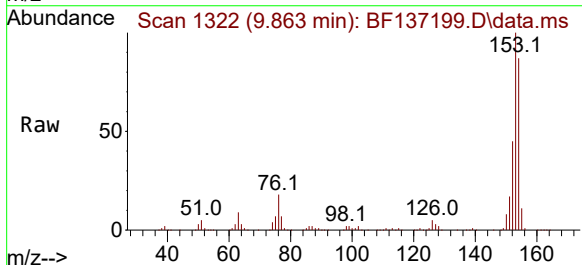
Instrument :
BNA_F
ClientSampleId :
ICVBF013024

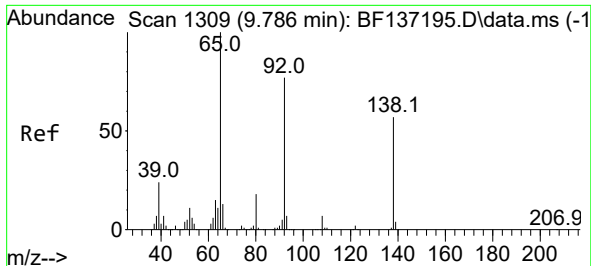
Tgt Ion:165 Resp: 77689
Ion Ratio Lower Upper
165 100
63 72.1 55.1 82.7
89 62.1 53.5 80.3



#52
Acenaphthene
Concen: 43.148 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Tgt Ion:154 Resp: 302169
Ion Ratio Lower Upper
154 100
153 114.6 90.2 135.4
152 51.5 40.6 60.8

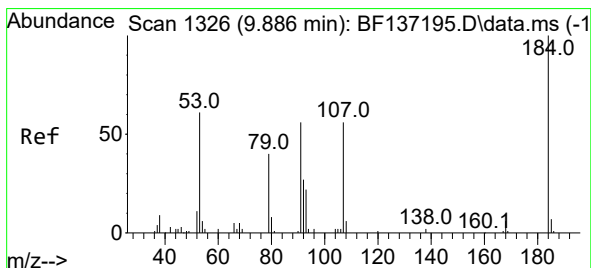
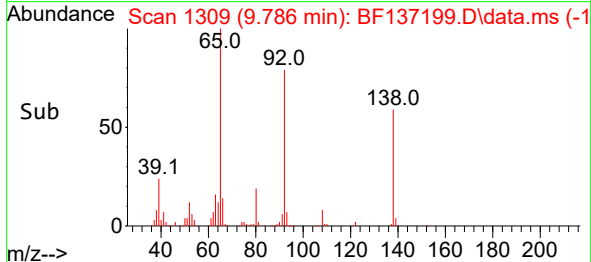
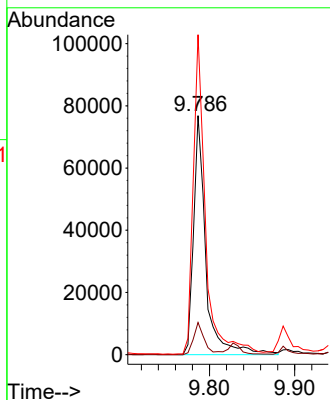
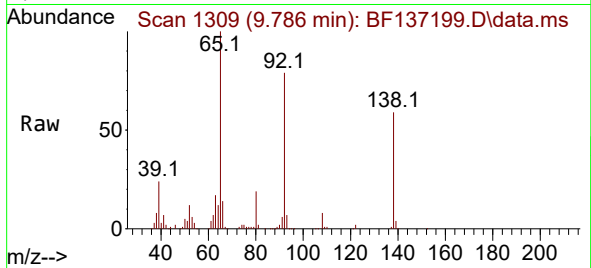




#53
3-Nitroaniline
Concen: 46.812 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

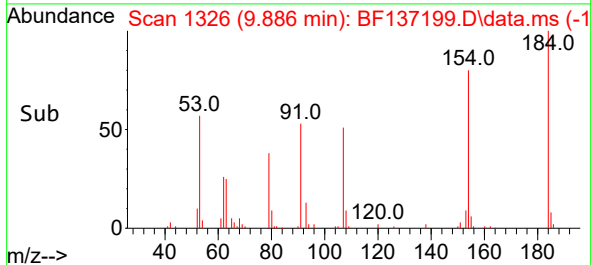
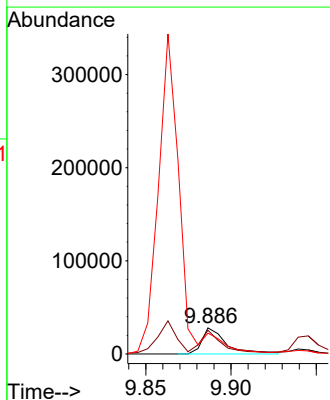
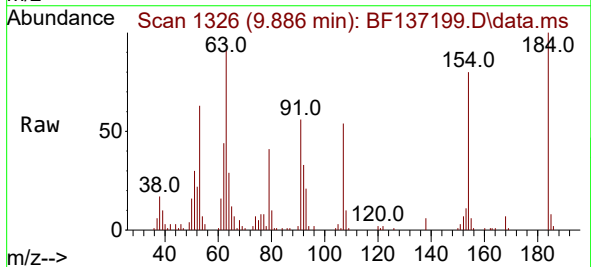
Instrument :
BNA_F
ClientSampleId :
ICVBF013024

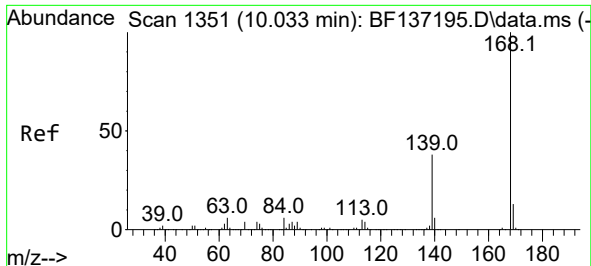
Tgt Ion:138 Resp: 76713
Ion Ratio Lower Upper
138 100
108 13.4 10.4 15.6
92 133.8 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 40.783 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Tgt Ion:184 Resp: 27698
Ion Ratio Lower Upper
184 100
63 91.1 71.2 106.8
154 79.7 64.9 97.3

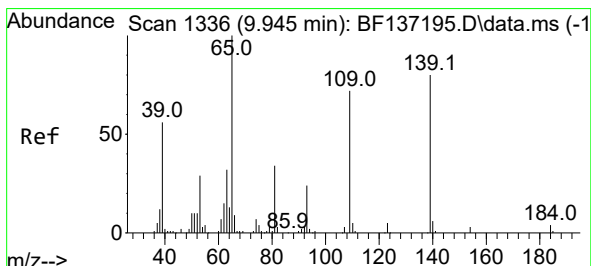
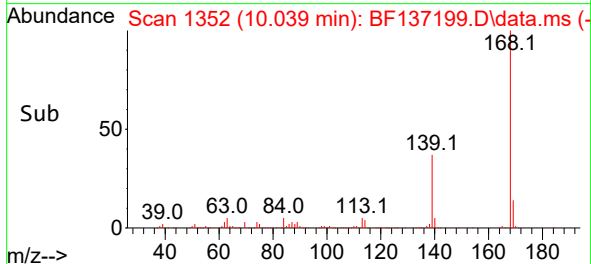
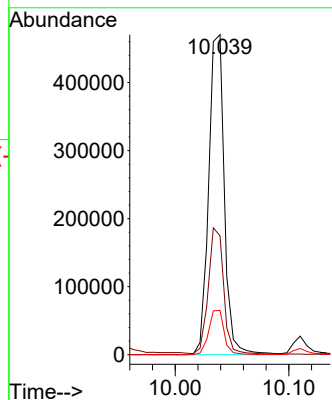
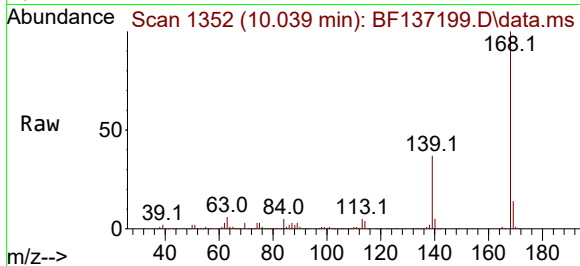




#55
Dibenzenofuran
Concen: 40.387 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

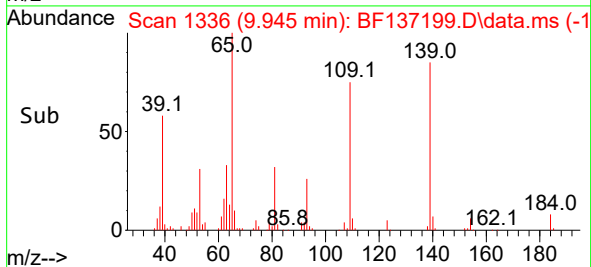
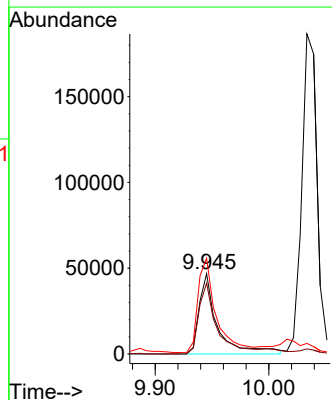
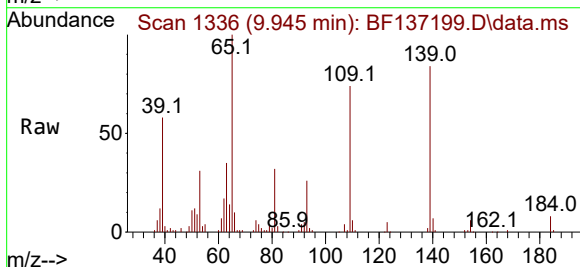
Instrument :
BNA_F
ClientSampleId :
ICVBF013024

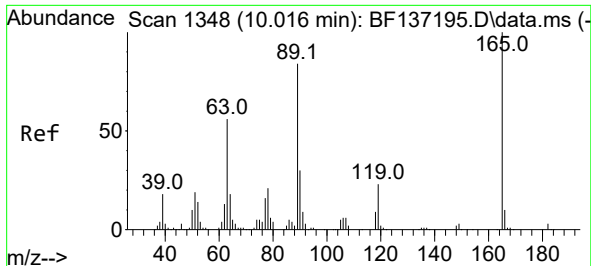
Tgt Ion:168 Resp: 449973
Ion Ratio Lower Upper
168 100
139 37.2 31.1 46.7
169 13.9 10.6 16.0



#56
4-Nitrophenol
Concen: 41.747 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Tgt Ion:139 Resp: 53188
Ion Ratio Lower Upper
139 100
109 88.1 70.4 110.4
65 119.1 107.6 147.6

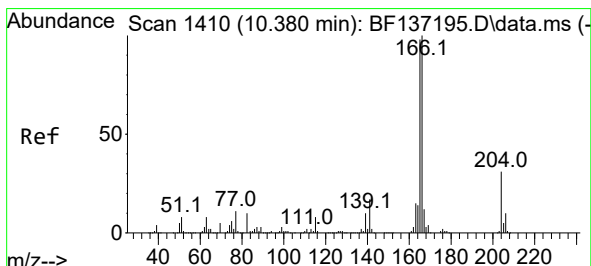
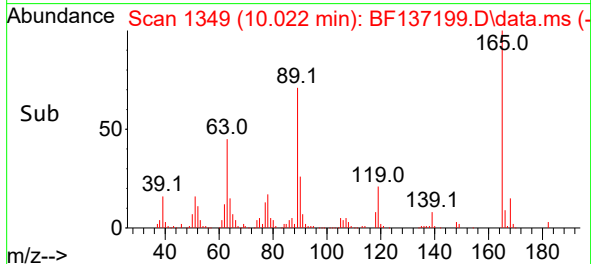
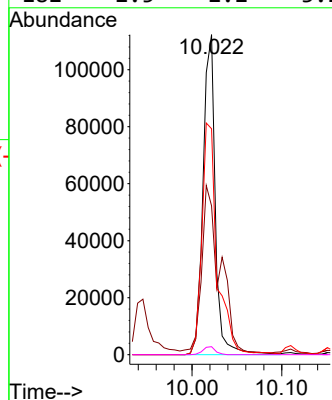
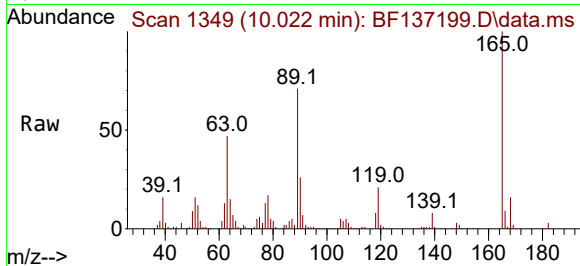




#57
2,4-Dinitrotoluene
Concen: 45.151 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

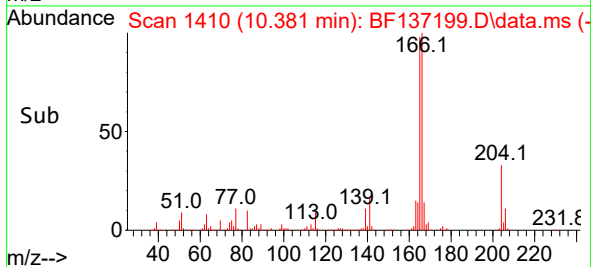
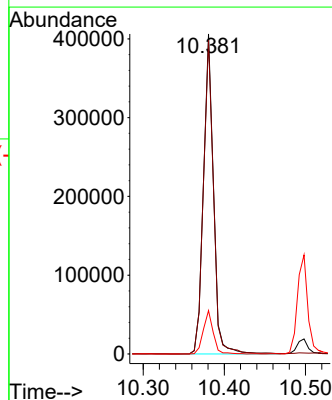
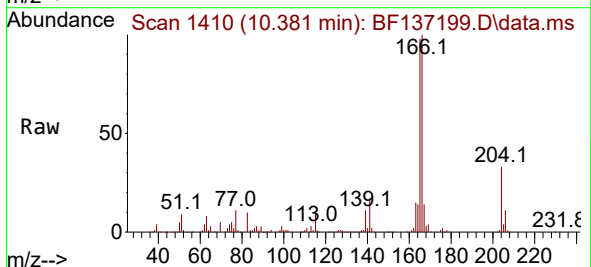
Instrument :
BNA_F
ClientSampleId :
ICVBF013024

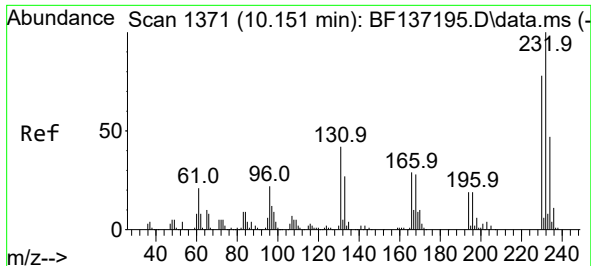
Tgt Ion:165 Resp: 106685
Ion Ratio Lower Upper
165 100
63 46.5 46.1 69.1
89 70.6 67.5 101.3
182 2.5 2.2 3.2



#58
Fluorene
Concen: 39.928 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Tgt Ion:166 Resp: 348748
Ion Ratio Lower Upper
166 100
165 97.9 78.5 117.7
167 13.6 10.0 15.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.878 ng

RT: 10.110 min Scan# 1364

Delta R.T. -0.041 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

Instrument :

BNA_F

ClientSampleId :

ICVBF013024

Tgt Ion:232 Resp: 99741

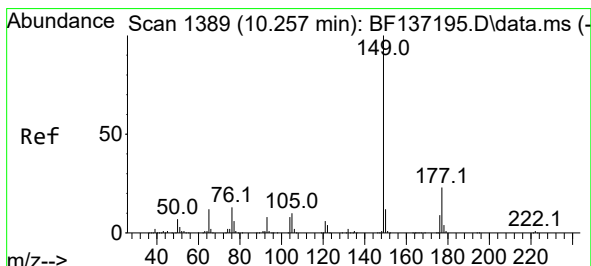
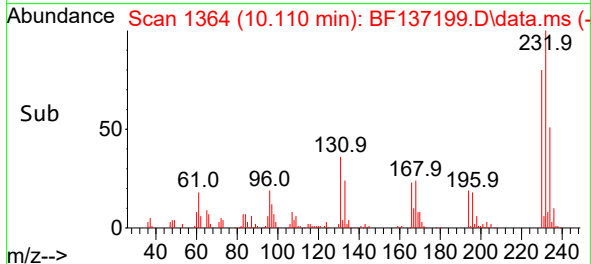
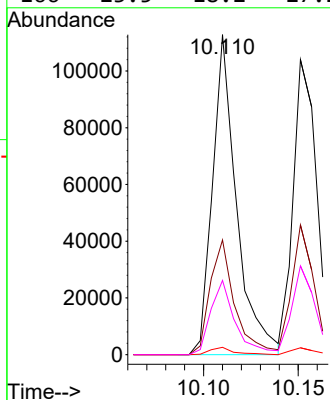
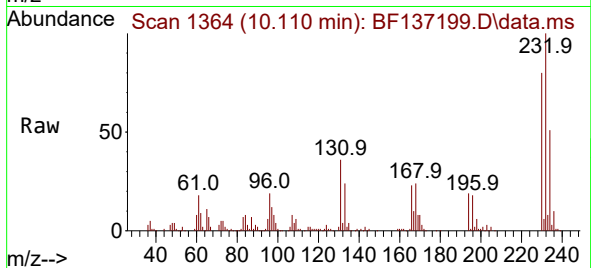
Ion Ratio Lower Upper

232 100

131 36.4 27.4 41.2

130 2.3 1.7 2.5

166 23.5 18.2 27.2



#60

Diethylphthalate

Concen: 41.181 ng

RT: 10.263 min Scan# 1390

Delta R.T. 0.006 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

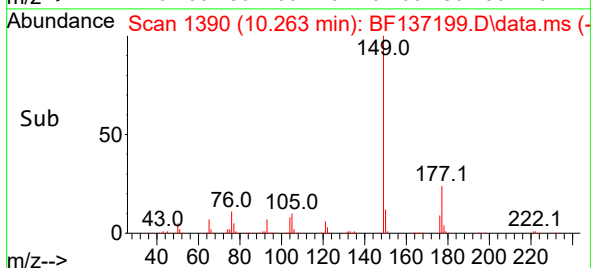
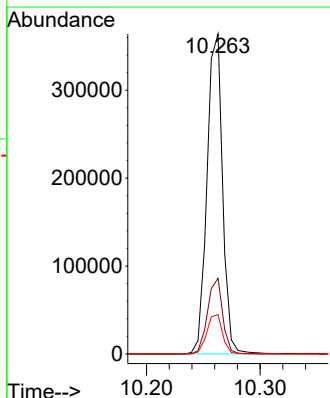
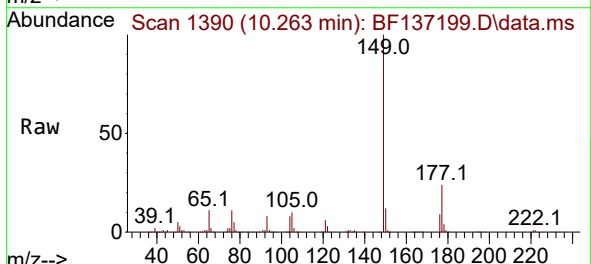
Tgt Ion:149 Resp: 346267

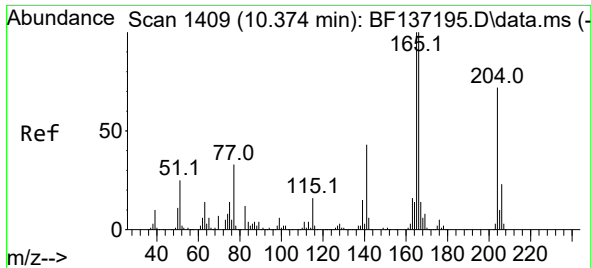
Ion Ratio Lower Upper

149 100

177 23.6 18.0 27.0

150 12.3 9.6 14.4

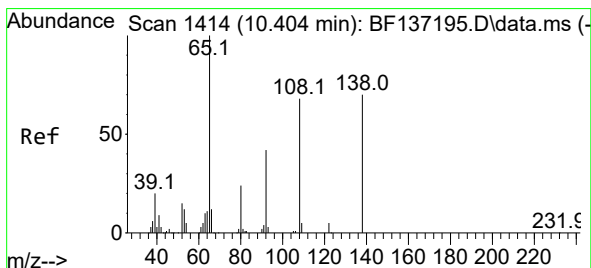
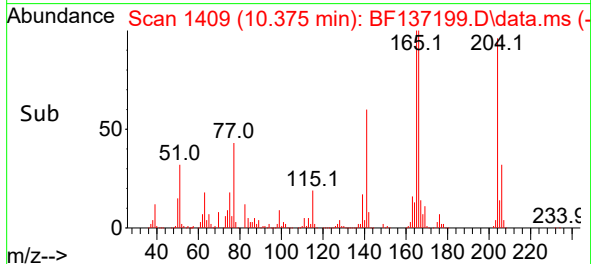
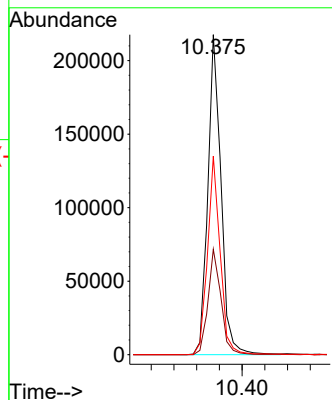
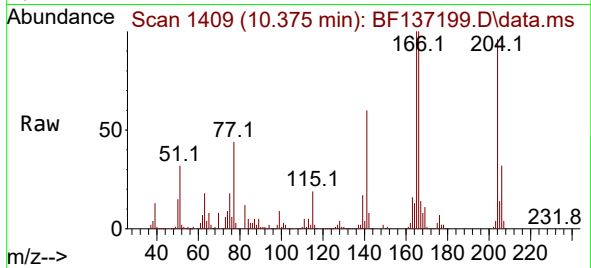




#61
4-Chlorophenyl-phenylether
Concen: 40.073 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

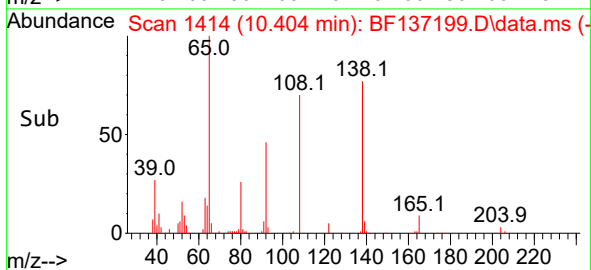
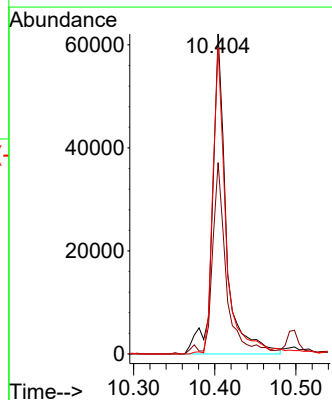
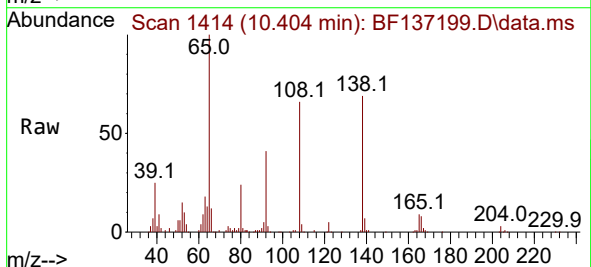
Instrument :
BNA_F
ClientSampleId :
ICVBF013024

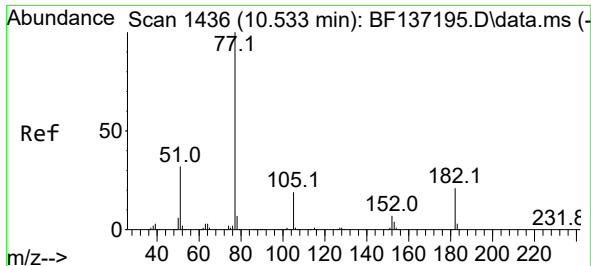
Tgt Ion:204 Resp: 173979
Ion Ratio Lower Upper
204 100
206 33.0 25.5 38.3
141 62.1 48.3 72.5



#62
4-Nitroaniline
Concen: 46.700 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Tgt Ion:138 Resp: 73253
Ion Ratio Lower Upper
138 100
92 59.8 39.3 79.3
108 95.8 75.3 115.3

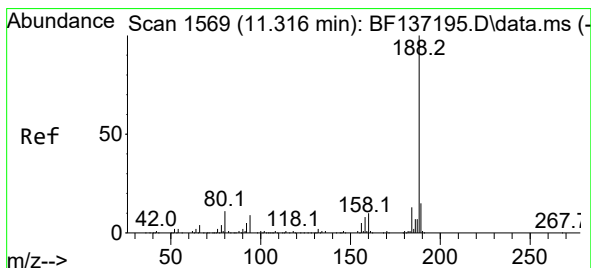
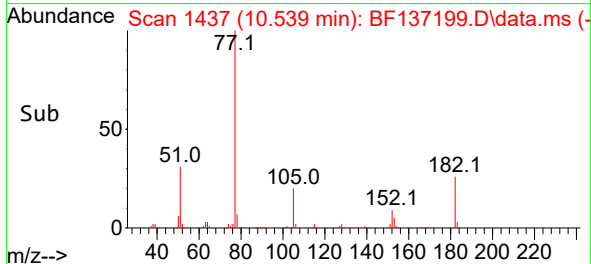
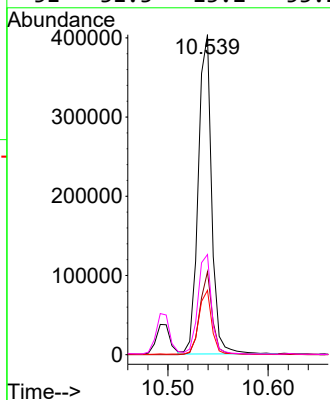
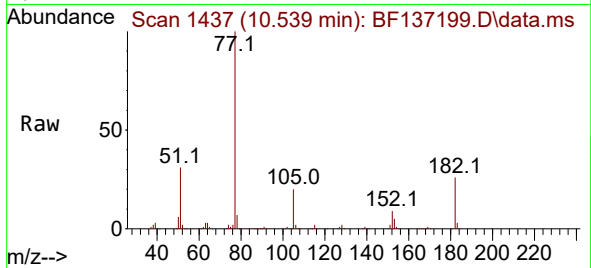




#63
 Azobenzene
 Concen: 40.259 ng
 RT: 10.539 min Scan# 1436
 Delta R.T. 0.006 min
 Lab File: BF137199.D
 Acq: 30 Jan 2024 16:29

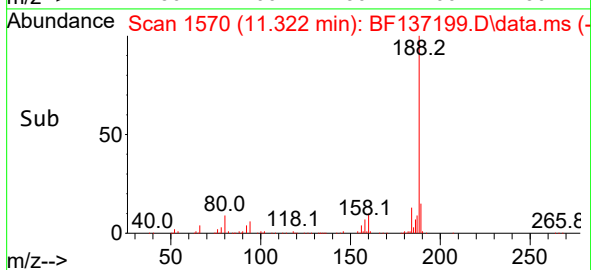
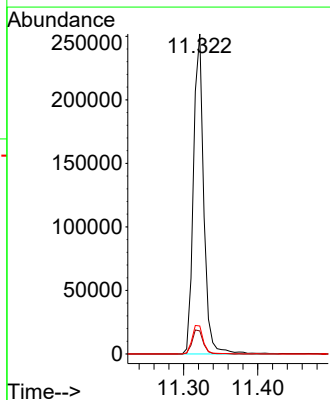
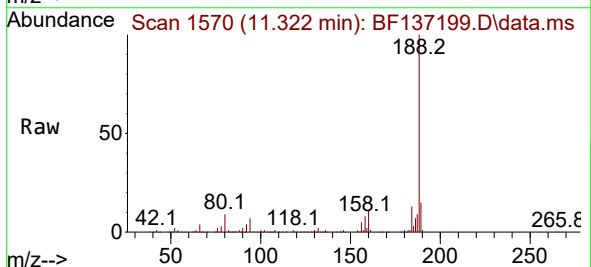
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013024

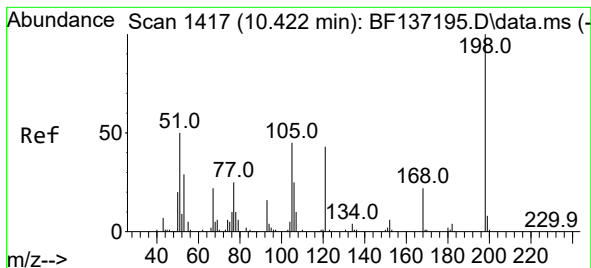
Tgt Ion: 77	Resp: 374913
Ion Ratio	Lower Upper
77 100	
182 25.9	1.1 41.1
105 20.1	0.0 38.9
51 31.3	13.2 53.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.322 min Scan# 1570
 Delta R.T. 0.006 min
 Lab File: BF137199.D
 Acq: 30 Jan 2024 16:29

Tgt Ion:188	Resp: 242307		
Ion Ratio	Lower	Upper	
188 100			
94 7.2	7.0	10.4	
80 8.8	8.8	13.2#	

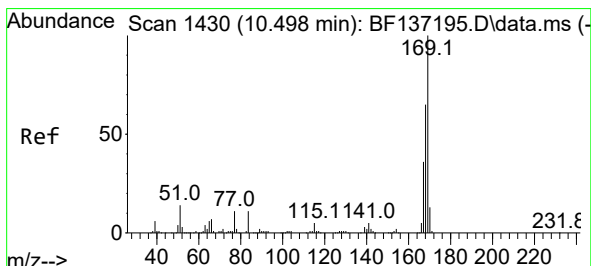
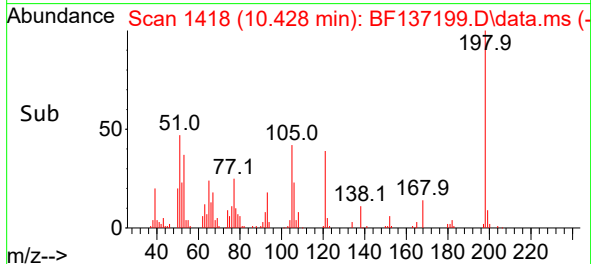
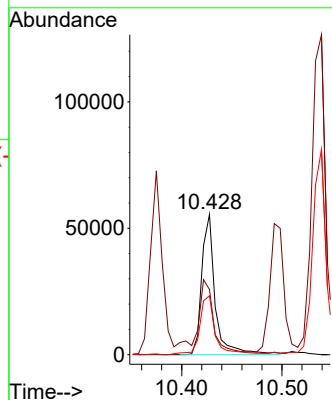
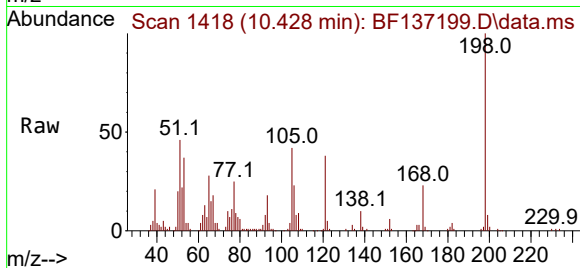




#65
4,6-Dinitro-2-methylphenol
Concen: 41.290 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

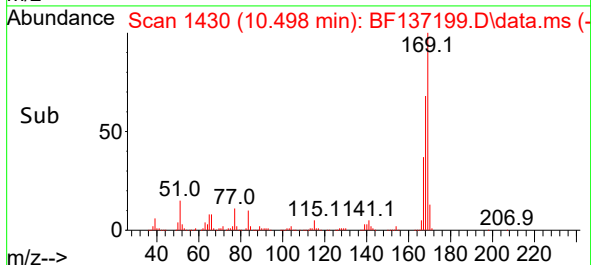
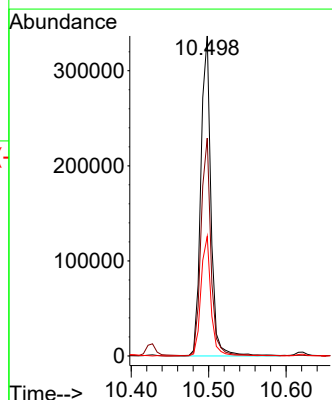
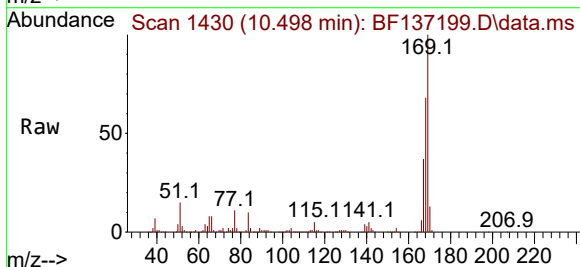
Instrument :
BNA_F
ClientSampleId :
ICVBF013024

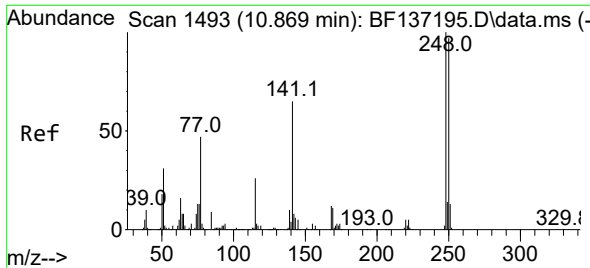
Tgt Ion:198 Resp: 51893
Ion Ratio Lower Upper
198 100
51 46.4 40.9 80.9
105 42.0 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 41.344 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Tgt Ion:169 Resp: 304608
Ion Ratio Lower Upper
169 100
168 68.1 51.9 77.9
167 37.4 29.0 43.6

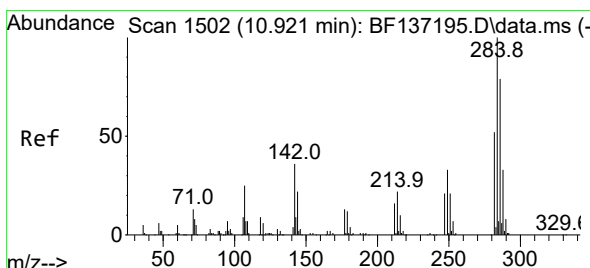
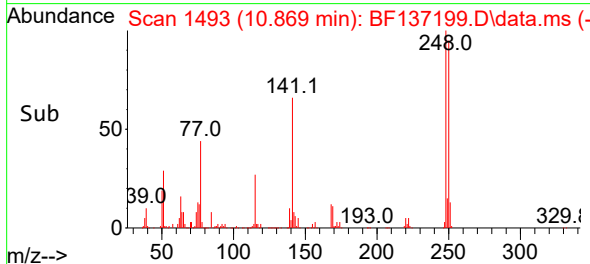
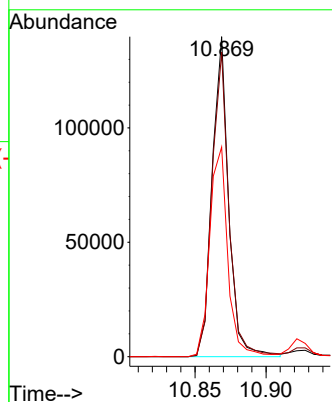
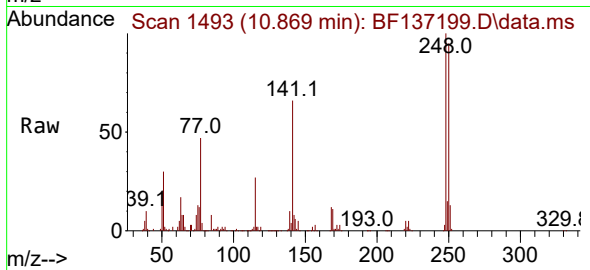




#67
4-Bromophenyl-phenylether
Concen: 42.648 ng
RT: 10.869 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

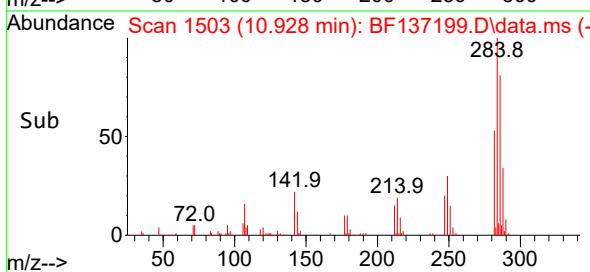
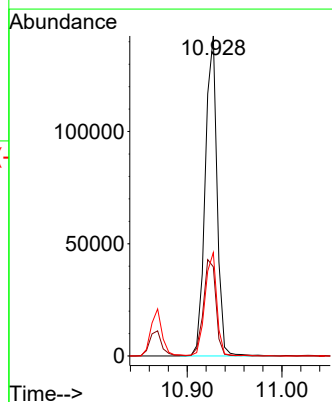
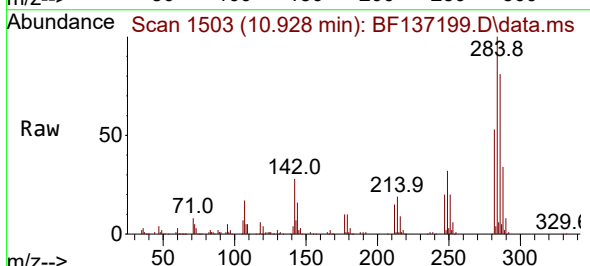
Instrument :
BNA_F
ClientSampleId :
ICVBF013024

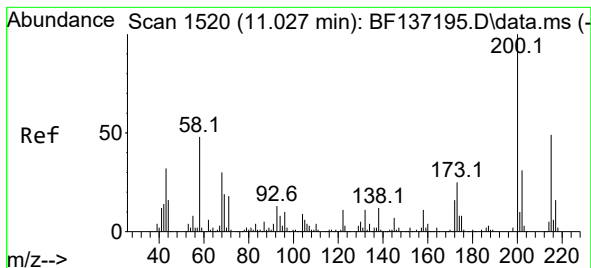
Tgt Ion:248 Resp: 113630
Ion Ratio Lower Upper
248 100
250 95.1 77.7 116.5
141 65.5 51.6 77.4



#68
Hexachlorobenzene
Concen: 41.605 ng
RT: 10.928 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Tgt Ion:284 Resp: 123816
Ion Ratio Lower Upper
284 100
142 27.9 28.7 43.1#
249 32.3 27.0 40.4





#69

Atrazine

Concen: 42.829 ng

RT: 11.028 min Scan# 1520

Delta R.T. 0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

Instrument :

BNA_F

ClientSampleId :

ICVBF013024

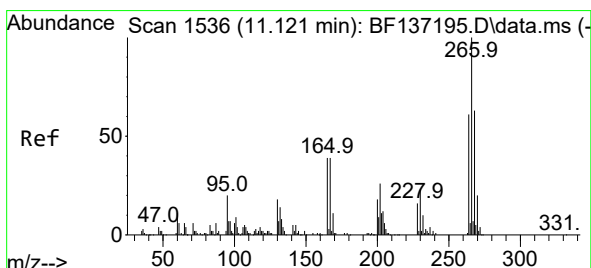
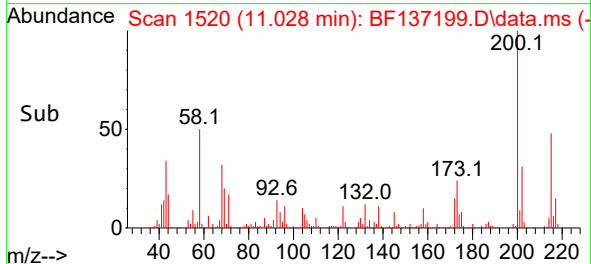
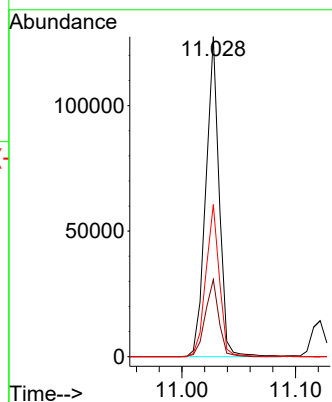
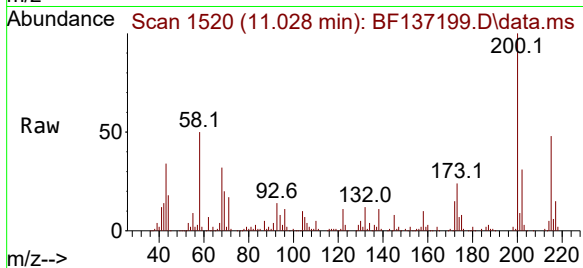
Tgt Ion:200 Resp: 104166

Ion Ratio Lower Upper

200 100

173 24.1 5.3 45.3

215 47.6 29.4 69.4



#70

Pentachlorophenol

Concen: 43.090 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.001 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

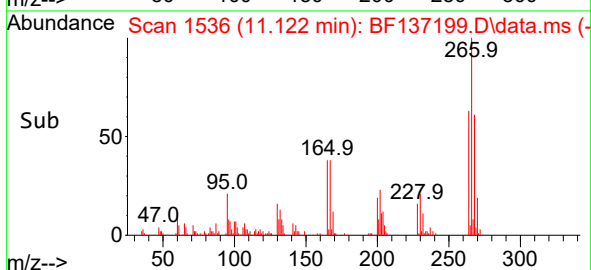
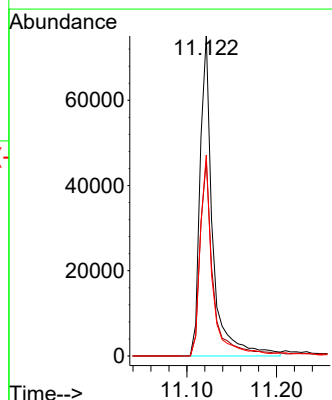
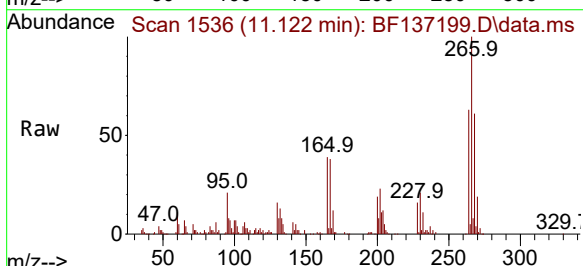
Tgt Ion:266 Resp: 73511

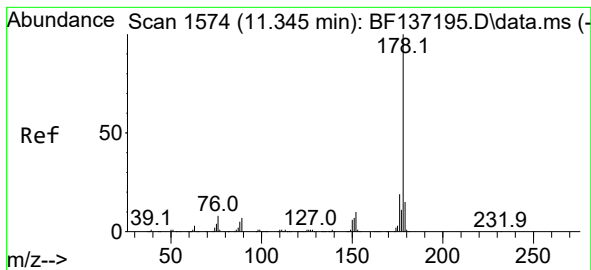
Ion Ratio Lower Upper

266 100

268 61.1 50.6 76.0

264 62.7 48.8 73.2





#71

Phenanthrene

Concen: 41.364 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

Instrument :

BNA_F

ClientSampleId :

ICVBF013024

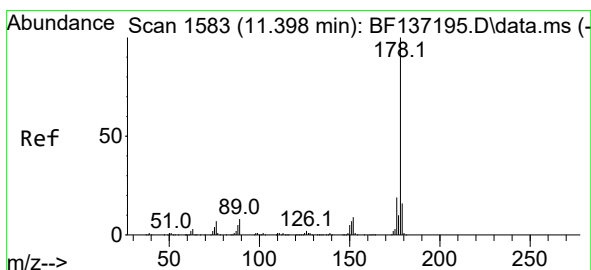
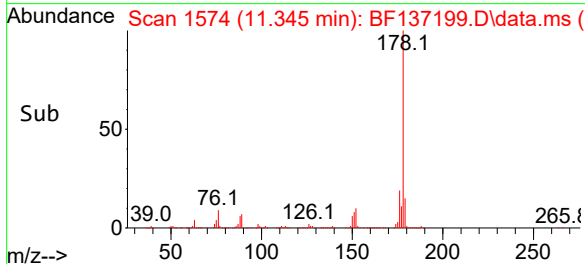
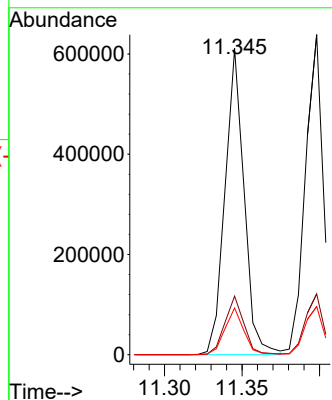
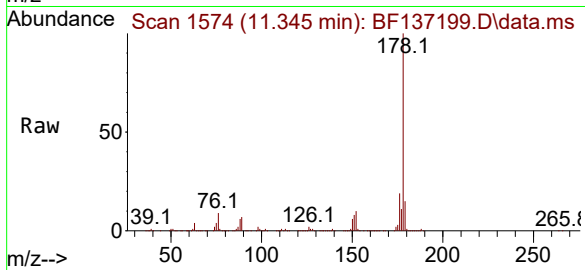
Tgt Ion:178 Resp: 524704

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

179 15.3 12.1 18.1



#72

Anthracene

Concen: 41.584 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

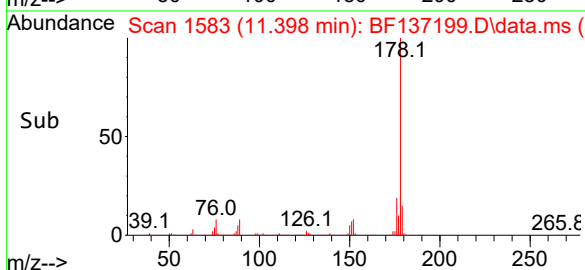
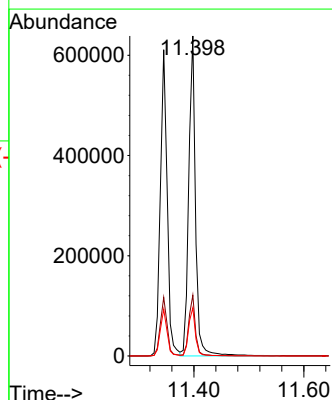
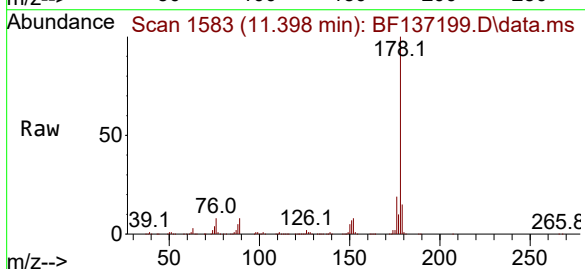
Tgt Ion:178 Resp: 549804

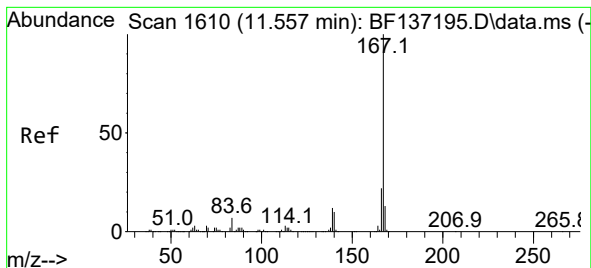
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.0 12.7 19.1





#73

Carbazole

Concen: 42.654 ng

RT: 11.557 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

Instrument :

BNA_F

ClientSampleId :

ICVBF013024

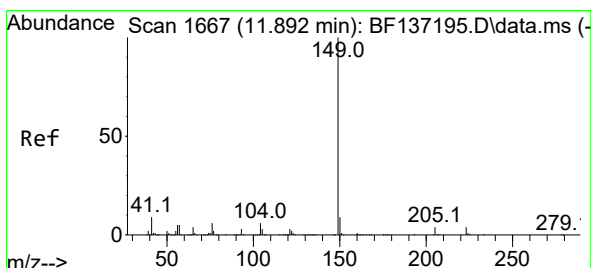
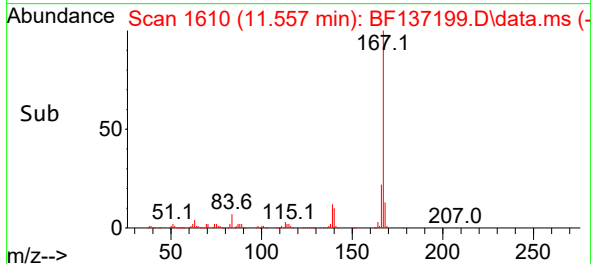
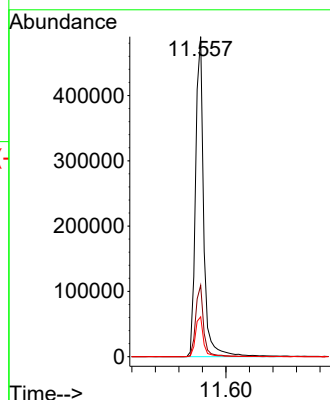
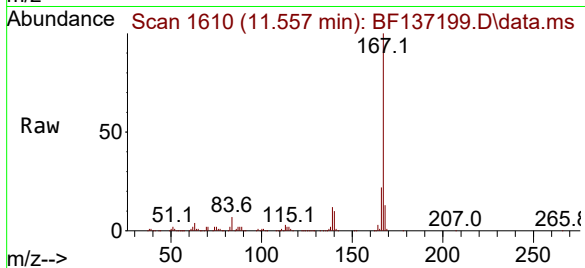
Tgt Ion:167 Resp: 471309

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

139 12.4 9.7 14.5



#74

Di-n-butylphthalate

Concen: 43.210 ng

RT: 11.898 min Scan# 1668

Delta R.T. 0.006 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

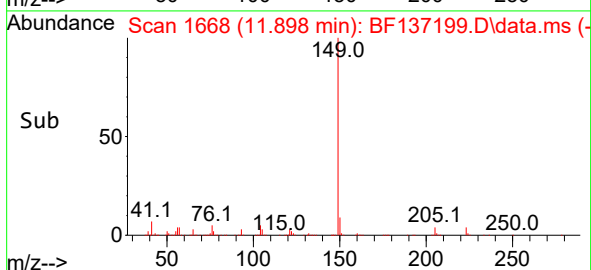
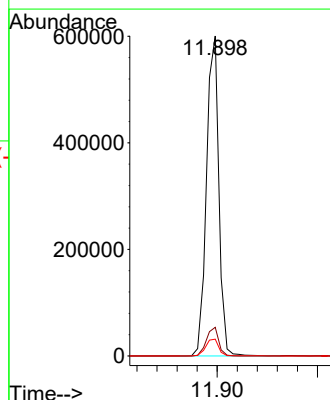
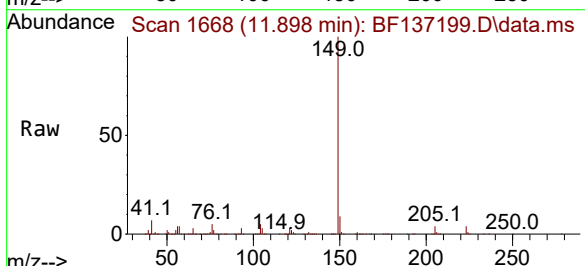
Tgt Ion:149 Resp: 516111

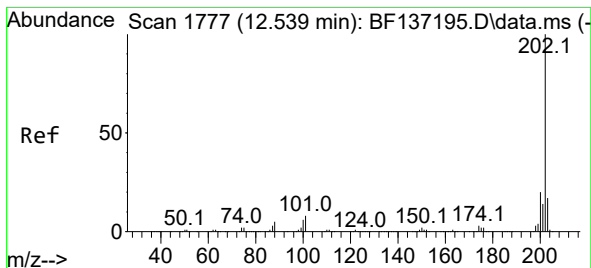
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.2 4.5 6.7





#75

Fluoranthene

Concen: 41.865 ng

RT: 12.539 min Scan# 1777

Delta R.T. 0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

Instrument :

BNA_F

ClientSampleId :

ICVBF013024

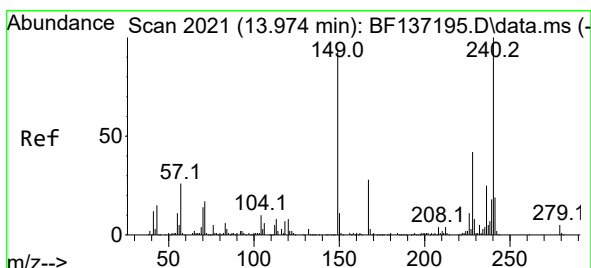
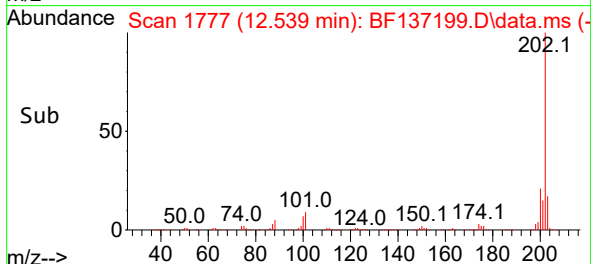
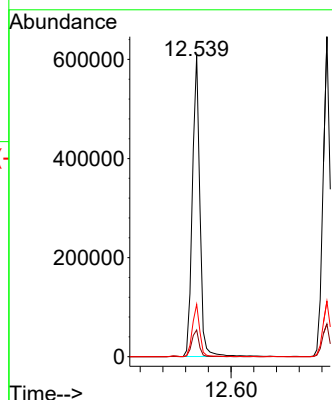
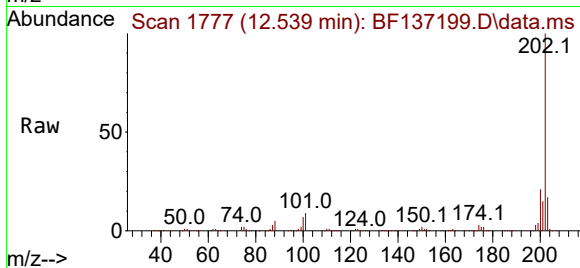
Tgt Ion:202 Resp: 555703

Ion Ratio Lower Upper

202 100

101 8.8 0.0 28.4

203 17.4 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

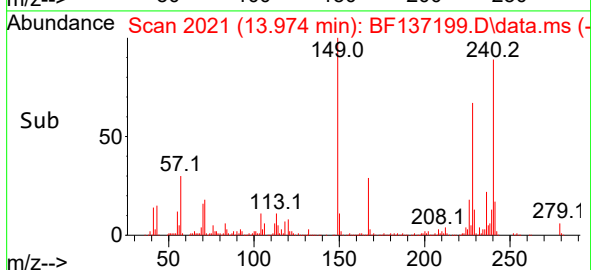
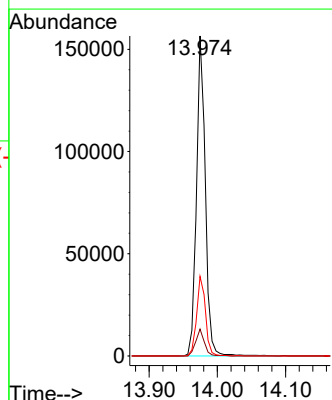
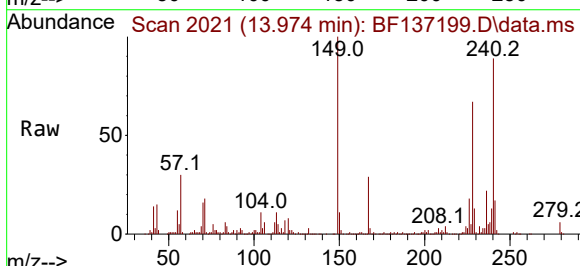
Tgt Ion:240 Resp: 139880

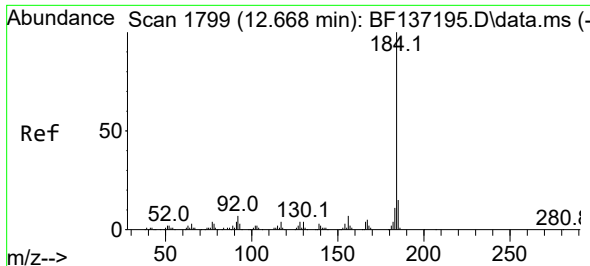
Ion Ratio Lower Upper

240 100

120 8.4 6.3 9.5

236 24.9 20.3 30.5

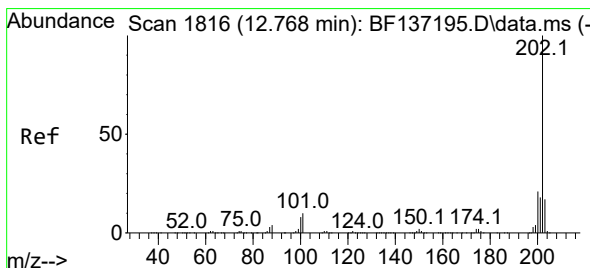
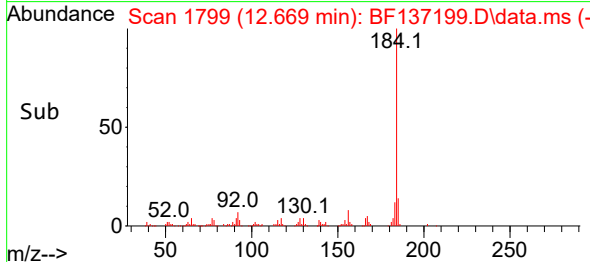
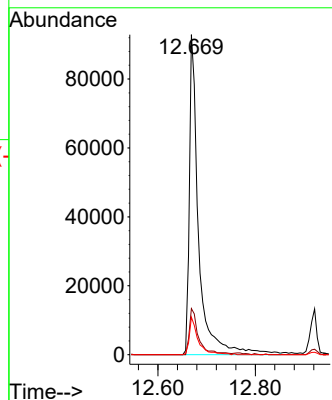
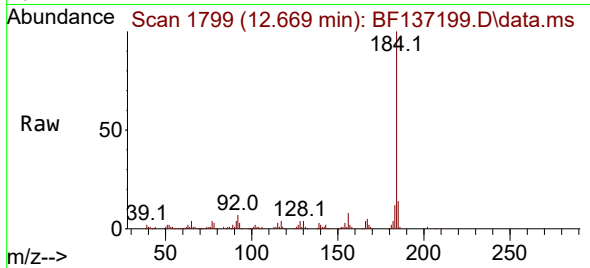




#77
Benzidine
Concen: 49.140 ng
RT: 12.669 min Scan# 1799
Delta R.T. 0.001 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

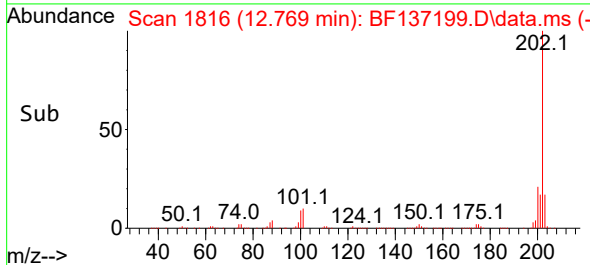
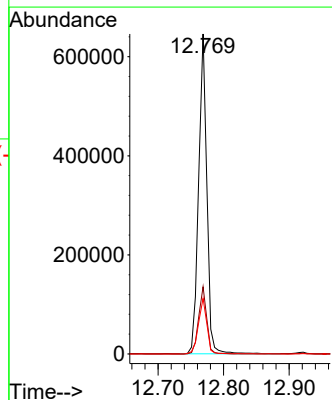
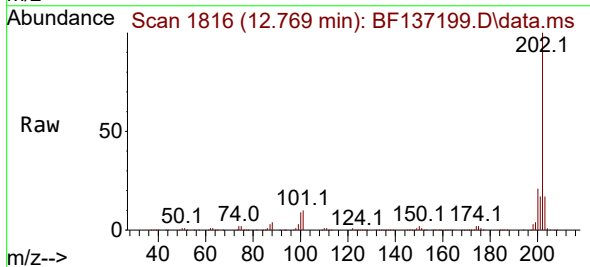
Instrument :
BNA_F
ClientSampleId :
ICVBF013024

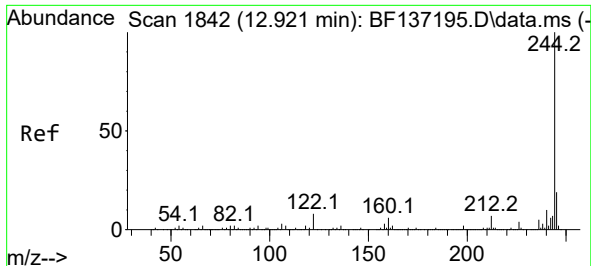
Tgt Ion:184 Resp: 123084
Ion Ratio Lower Upper
184 100
185 14.4 11.9 17.9
183 11.7 8.8 13.2



#78
Pyrene
Concen: 42.033 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Tgt Ion:202 Resp: 565034
Ion Ratio Lower Upper
202 100
200 21.0 16.5 24.7
203 17.4 13.8 20.6

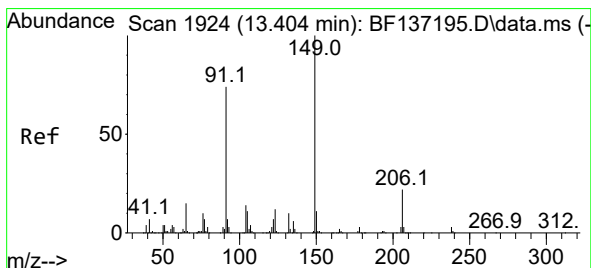
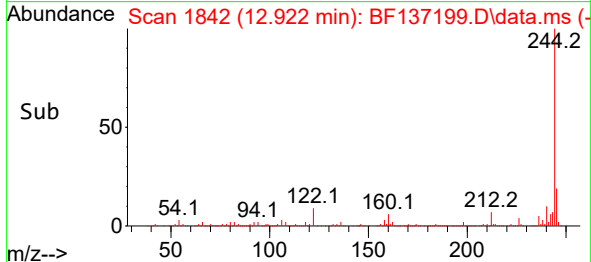
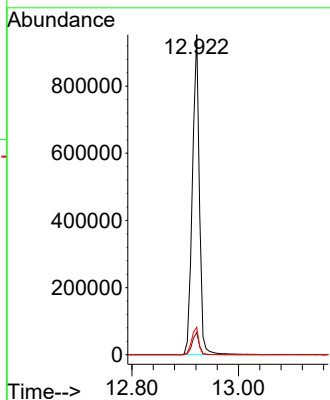
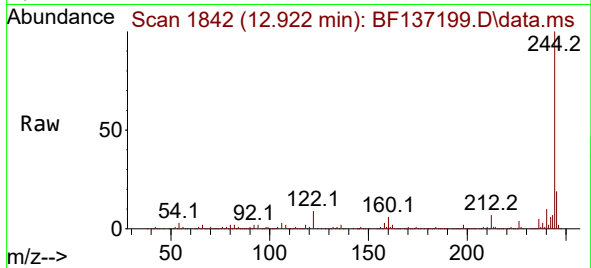




#79
 Terphenyl-d14
 Concen: 84.737 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF137199.D
 Acq: 30 Jan 2024 16:29

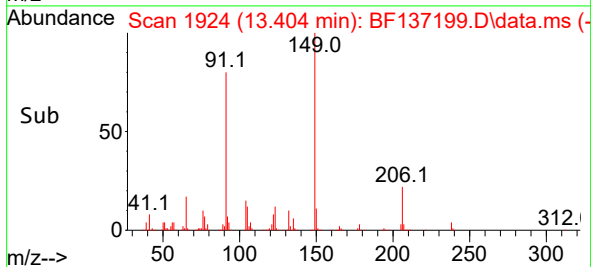
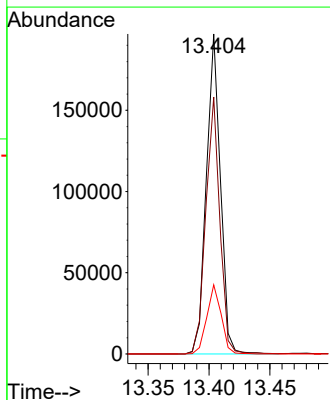
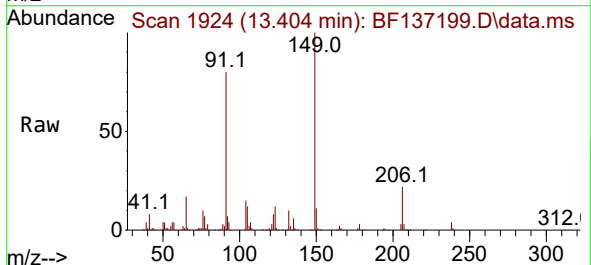
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013024

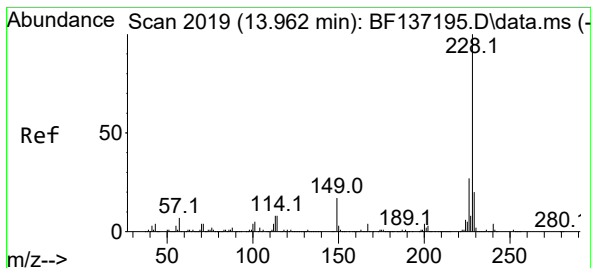
Tgt Ion:244 Resp: 871896
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 8.6 6.2 9.4



#80
 Butylbenzylphthalate
 Concen: 45.981 ng
 RT: 13.404 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BF137199.D
 Acq: 30 Jan 2024 16:29

Tgt Ion:149 Resp: 158117
 Ion Ratio Lower Upper
 149 100
 91 80.3 58.8 88.2
 206 21.6 17.7 26.5





#81

Benzo(a)anthracene

Concen: 41.513 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

Instrument :

BNA_F

ClientSampleId :

ICVBF013024

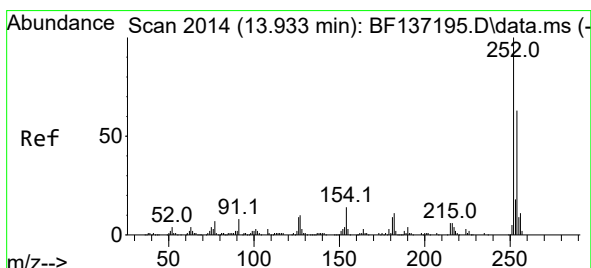
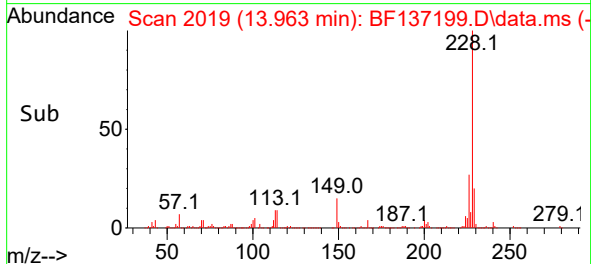
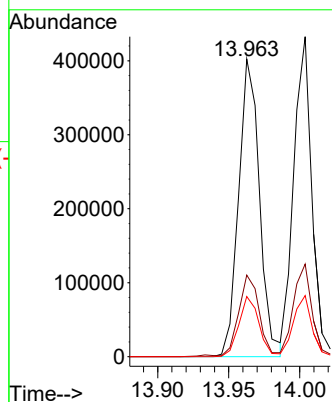
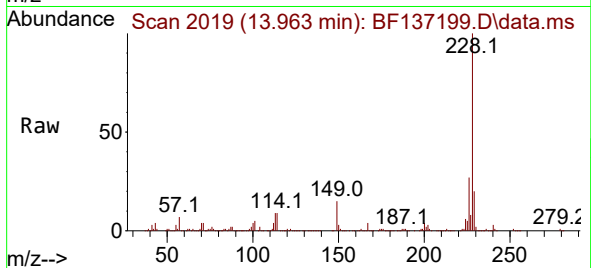
Tgt Ion:228 Resp: 411247

Ion Ratio Lower Upper

228 100

226 27.4 21.6 32.4

229 20.2 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 40.556 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

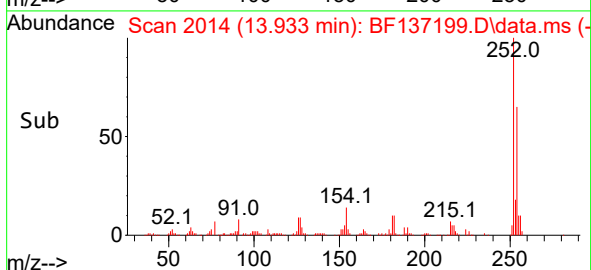
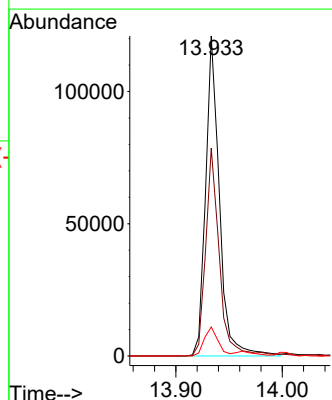
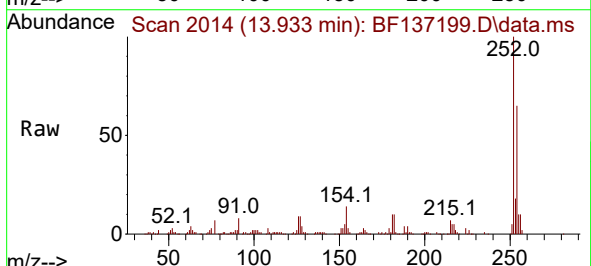
Tgt Ion:252 Resp: 109460

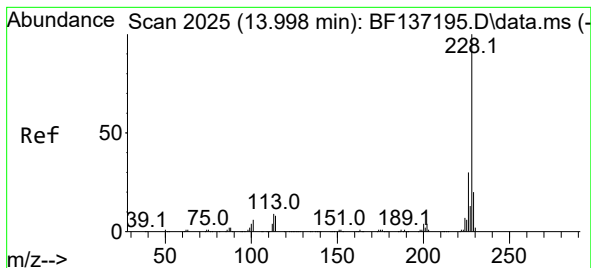
Ion Ratio Lower Upper

252 100

254 65.0 50.2 75.2

126 9.0 7.0 10.6





#83

Chrysene

Concen: 39.941 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

Instrument :

BNA_F

ClientSampleId :

ICVBF013024

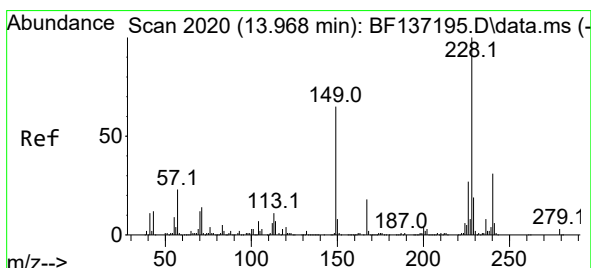
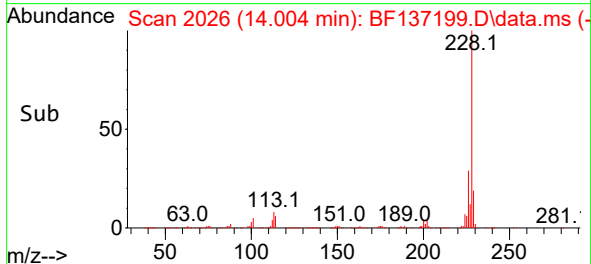
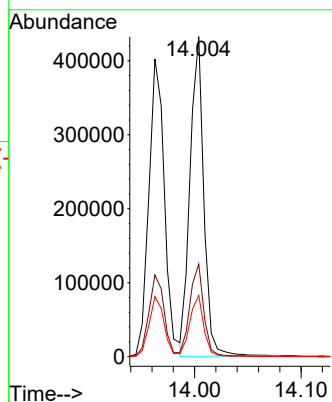
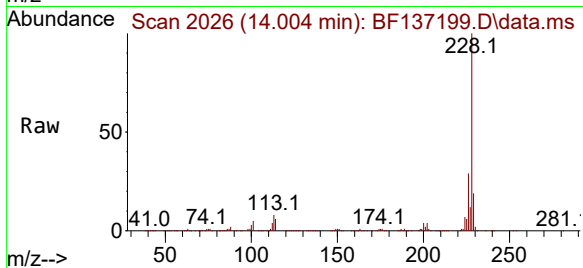
Tgt Ion:228 Resp: 388992

Ion Ratio Lower Upper

228 100

226 29.0 23.7 35.5

229 19.1 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.351 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

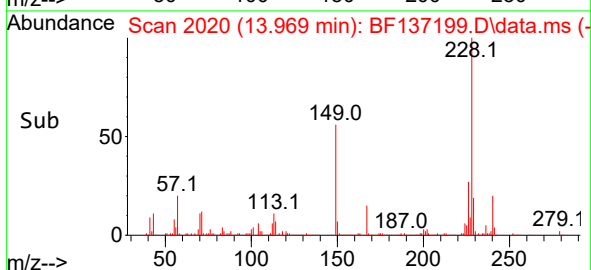
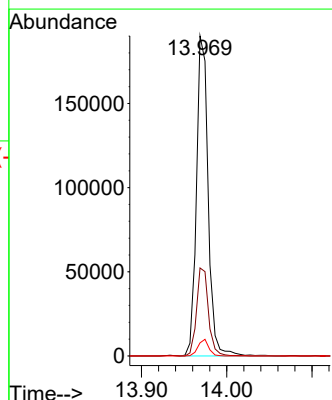
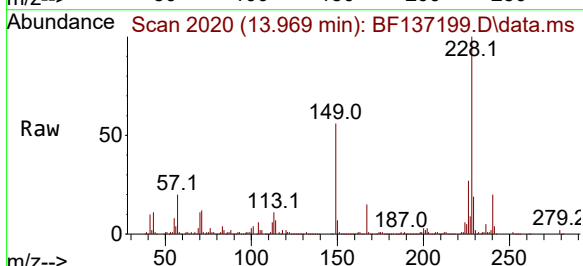
Tgt Ion:149 Resp: 181437

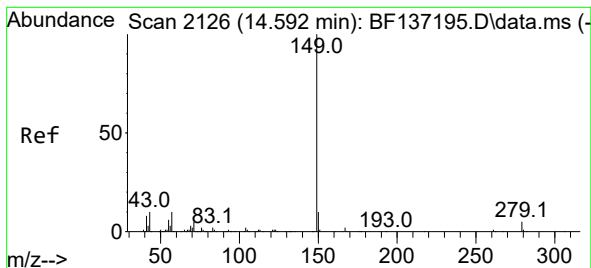
Ion Ratio Lower Upper

149 100

167 27.5 21.7 32.5

279 4.1 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 39.640 ng

RT: 14.592 min Scan# 2126

Delta R.T. 0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

Instrument :

BNA_F

ClientSampleId :

ICVBF013024

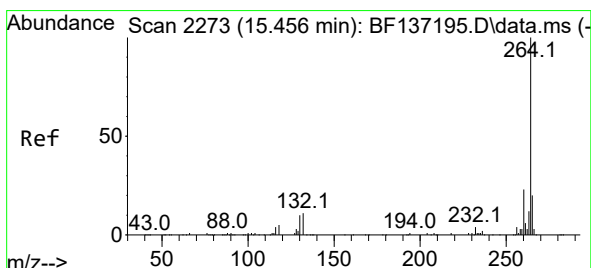
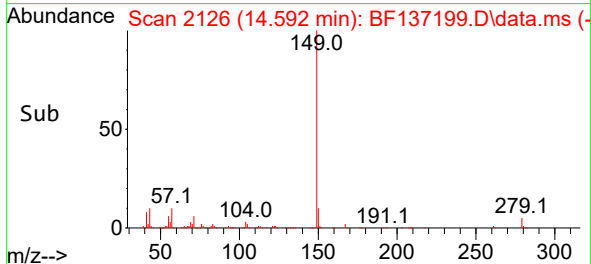
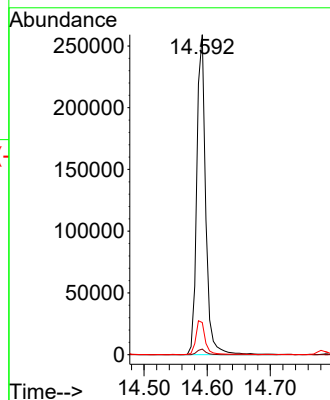
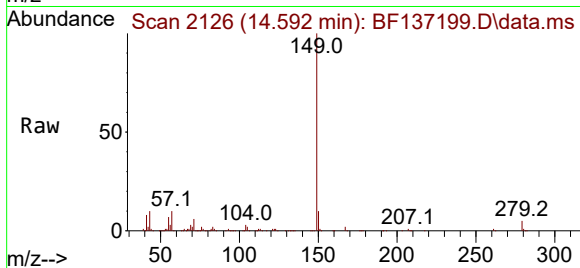
Tgt Ion:149 Resp: 252157

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 11.5 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

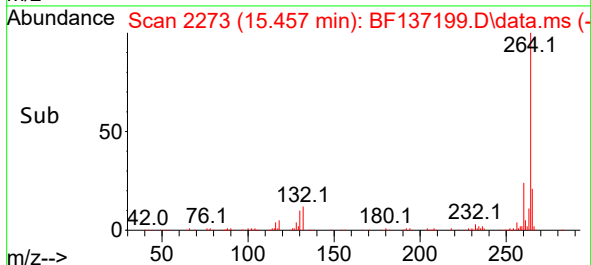
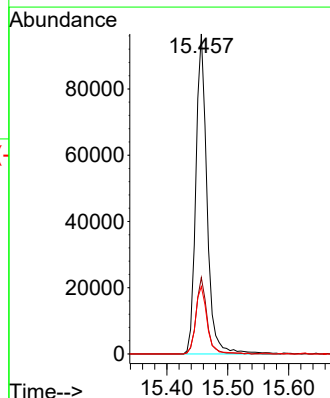
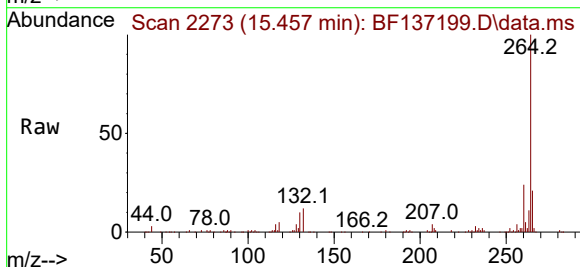
Tgt Ion:264 Resp: 122951

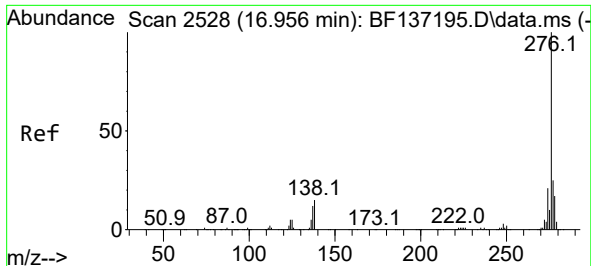
Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 21.0 16.2 24.2

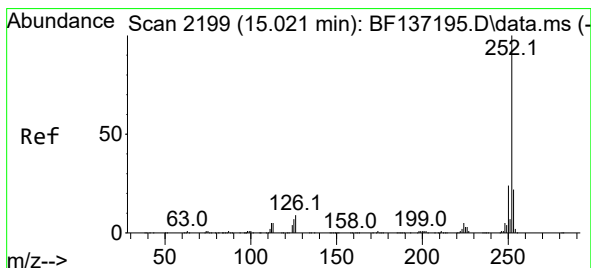
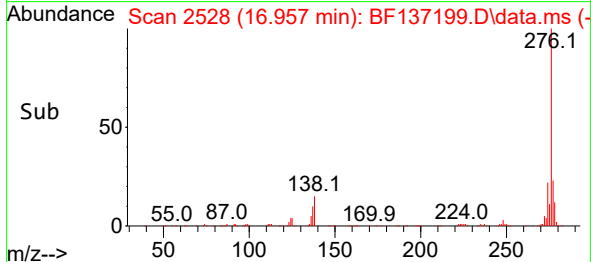
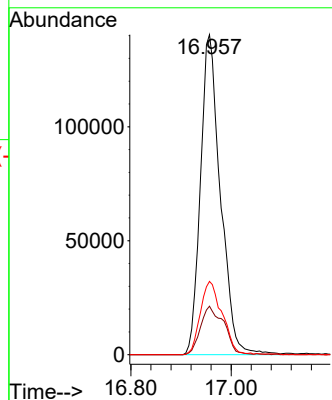
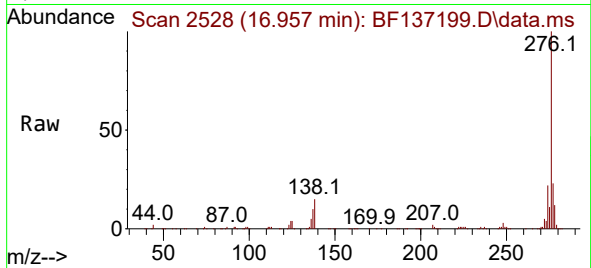




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.013 ng
RT: 16.957 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

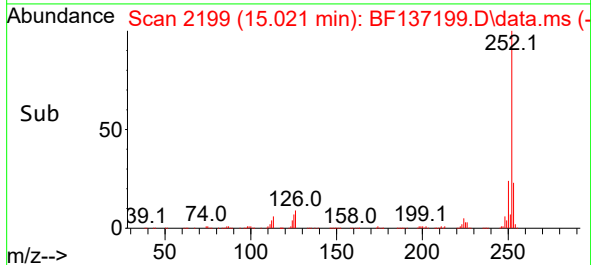
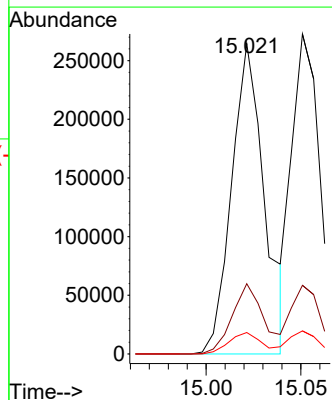
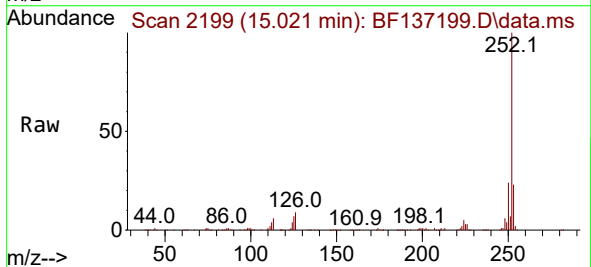
Instrument :
BNA_F
ClientSampleId :
ICVBF013024

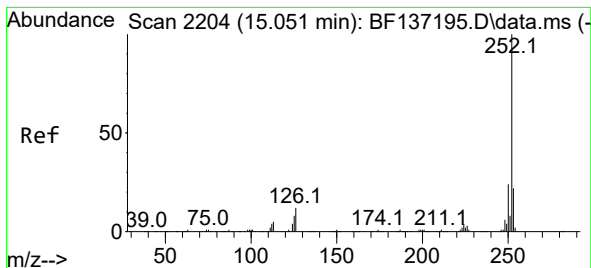
Tgt Ion:276 Resp: 388822
Ion Ratio Lower Upper
276 100
138 17.7 14.6 21.8
277 25.1 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 42.061 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Tgt Ion:252 Resp: 318041
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 6.9 5.4 8.2





#89

Benzo(k)fluoranthene

Concen: 37.248 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

Instrument :

BNA_F

ClientSampleId :

ICVBF013024

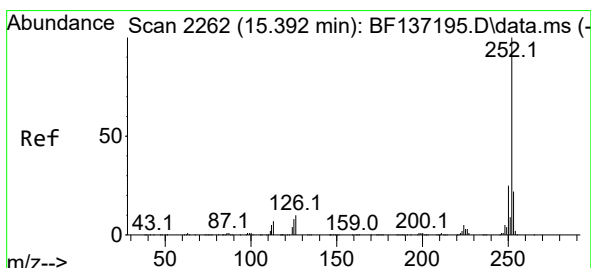
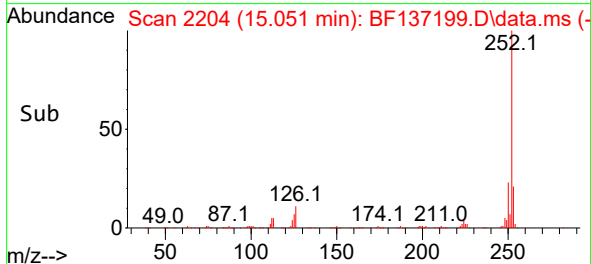
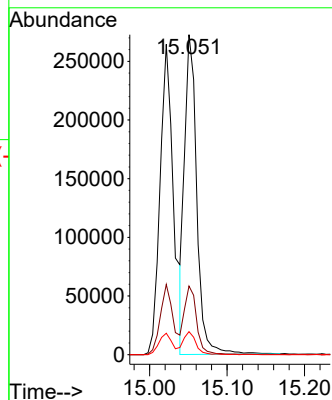
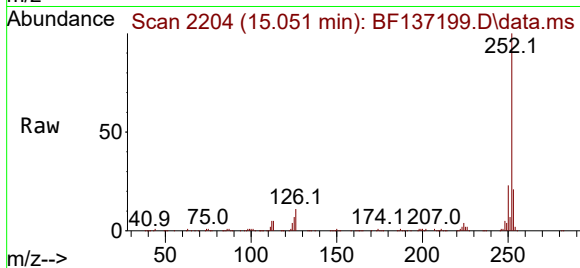
Tgt Ion:252 Resp: 297946

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

125 7.2 5.9 8.9



#90

Benzo(a)pyrene

Concen: 40.979 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.000 min

Lab File: BF137199.D

Acq: 30 Jan 2024 16:29

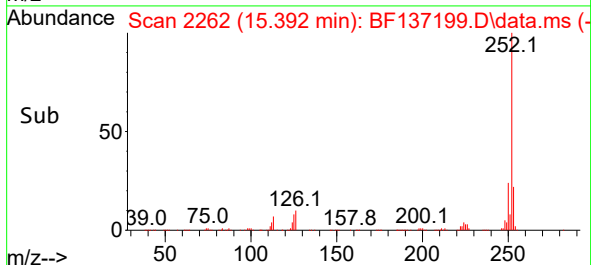
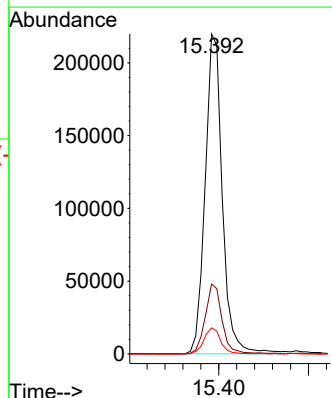
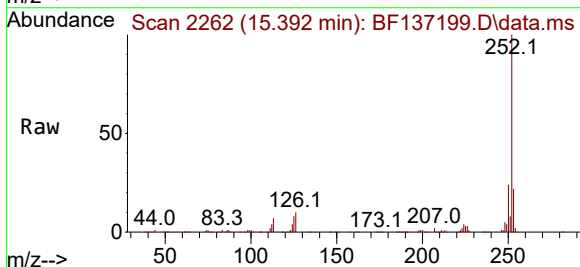
Tgt Ion:252 Resp: 291599

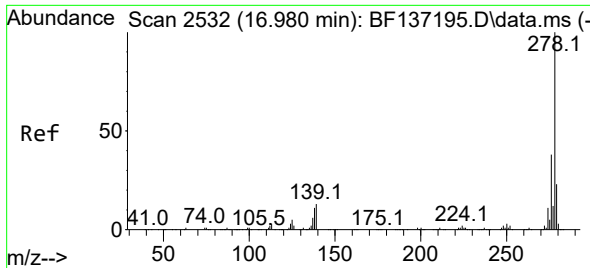
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 8.1 6.5 9.7

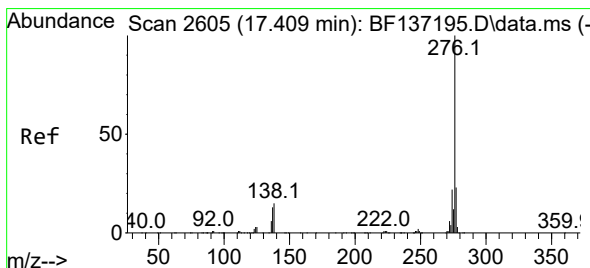
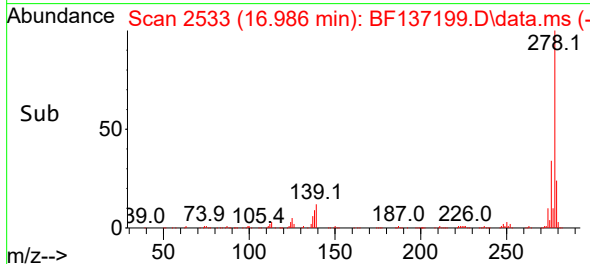
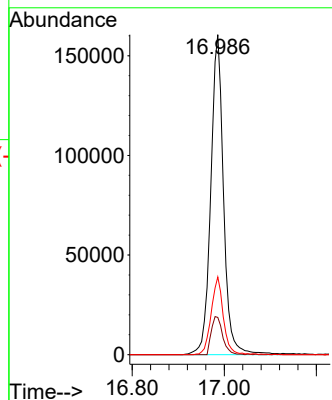
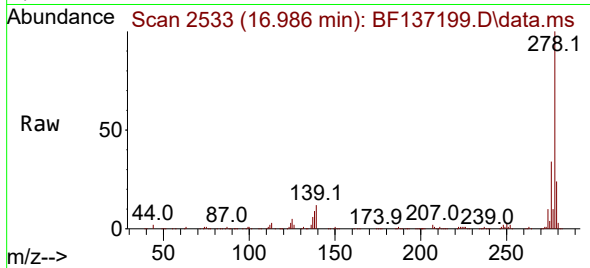




#91
Dibenzo(a,h)anthracene
Concen: 44.814 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Instrument :
BNA_F
ClientSampleId :
ICVBF013024

Tgt Ion:278 Resp: 310175
Ion Ratio Lower Upper
278 100
139 11.6 10.0 15.0
279 24.3 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 45.155 ng
RT: 17.410 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF137199.D
Acq: 30 Jan 2024 16:29

Tgt Ion:276 Resp: 306744
Ion Ratio Lower Upper
276 100
277 23.2 18.4 27.6
138 17.1 11.8 17.8

