

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051324\
 Data File : BF137899.D
 Acq On : 13 May 2024 13:17
 Operator : CG\JU
 Sample : PB160855BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160855BS

Quant Time: May 13 14:32:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	144383	20.000	ng	-0.02
21) Naphthalene-d8	8.328	136	566828	20.000	ng	-0.02
39) Acenaphthene-d10	10.086	164	324938	20.000	ng	-0.02
64) Phenanthrene-d10	11.580	188	574496	20.000	ng	-0.02
76) Chrysene-d12	14.233	240	396812	20.000	ng	-0.02
86) Perylene-d12	15.792	264	310445	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1079720	125.206	ng	0.00
7) Phenol-d6	6.663	99	1324673	121.106	ng	-0.01
23) Nitrobenzene-d5	7.604	82	814609	83.495	ng	-0.02
42) 2,4,6-Tribromophenol	10.881	330	464395	139.975	ng	-0.02
45) 2-Fluorobiphenyl	9.404	172	1738633	86.807	ng	-0.02
79) Terphenyl-d14	13.169	244	2154209	90.979	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.052	88	132966	34.241	ng	97
3) Pyridine	3.793	79	322473	34.311	ng	96
4) n-Nitrosodimethylamine	3.757	42	161075	38.060	ng	95
6) Aniline	6.704	93	360772	33.278	ng	98
8) 2-Chlorophenol	6.828	128	415740	44.238	ng	97
9) Benzaldehyde	6.593	77	136595	23.189	ng	99
10) Phenol	6.675	94	461292	41.157	ng	97
11) bis(2-Chloroethyl)ether	6.775	93	364697	41.556	ng	99
12) 1,3-Dichlorobenzene	6.987	146	439778	41.498	ng	97
13) 1,4-Dichlorobenzene	7.057	146	446564	41.995	ng	100
14) 1,2-Dichlorobenzene	7.210	146	425775	42.511	ng	98
15) Benzyl Alcohol	7.181	79	328121	43.378	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.304	45	456151	36.979	ng	96
17) 2-Methylphenol	7.281	107	326287	43.028	ng	100
18) Hexachloroethane	7.557	117	152477	42.415	ng	98
19) n-Nitroso-di-n-propyla...	7.451	70	263171	40.260	ng	94
20) 3+4-Methylphenols	7.434	107	420431	42.141	ng	92
22) Acetophenone	7.451	105	554691	43.511	ng	97
24) Nitrobenzene	7.622	77	404466	40.224	ng	97
25) Isophorone	7.857	82	743343	42.257	ng	100
26) 2-Nitrophenol	7.940	139	214878	47.189	ng	97
27) 2,4-Dimethylphenol	7.963	122	303707	46.329	ng	94
28) bis(2-Chloroethoxy)met...	8.063	93	445443	41.823	ng	100
29) 2,4-Dichlorophenol	8.175	162	353333	44.592	ng	99
30) 1,2,4-Trichlorobenzene	8.263	180	373282	43.214	ng	99
31) Naphthalene	8.351	128	1205852	42.808	ng	100
32) Benzoic acid	8.081	122	233366	41.264	ng	95
33) 4-Chloroaniline	8.392	127	151901	14.542	ng	97
34) Hexachlorobutadiene	8.457	225	228606	43.107	ng	99
35) Caprolactam	8.757	113	60603	24.139	ng	94
36) 4-Chloro-3-methylphenol	8.863	107	369724	44.744	ng	93
37) 2-Methylnaphthalene	9.039	142	799348	43.839	ng	99
38) 1-Methylnaphthalene	9.139	142	737174	41.093	ng	100
40) 1,2,4,5-Tetrachloroben...	9.204	216	376473	43.745	ng	99
41) Hexachlorocyclopentadiene	9.192	237	444016	127.021	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	258614	44.145	ng	98

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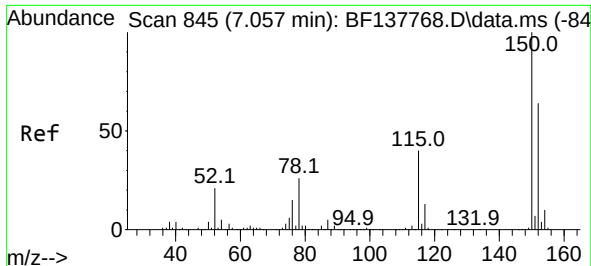
Quant Time: May 13 14:32:09 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	275565	42.600	ng	95
46) 1,1'-Biphenyl	9.504	154	958728	42.992	ng	99
47) 2-Chloronaphthalene	9.534	162	754555	41.911	ng	99
48) 2-Nitroaniline	9.622	65	212962	43.615	ng	98
49) Acenaphthylene	9.951	152	1209665	46.447	ng	100
50) Dimethylphthalate	9.798	163	919775	44.839	ng	100
51) 2,6-Dinitrotoluene	9.863	165	203788	43.471	ng	98
52) Acenaphthene	10.122	154	800811	46.389	ng	98
53) 3-Nitroaniline	10.034	138	147218	29.988	ng	93
54) 2,4-Dinitrophenol	10.139	184	213750	92.797	ng	# 88
55) Dibenzofuran	10.298	168	1101124	43.832	ng	96
56) 4-Nitrophenol	10.186	139	347964	85.521	ng	95
57) 2,4-Dinitrotoluene	10.269	165	283255	46.250	ng	100
58) Fluorene	10.639	166	871484	43.589	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	234083	44.573	ng	98
60) Diethylphthalate	10.498	149	875091	44.918	ng	99
61) 4-Chlorophenyl-phenyle...	10.628	204	427647	43.411	ng	100
62) 4-Nitroaniline	10.657	138	210221	42.218	ng	96
63) Azobenzene	10.786	77	801990	42.592	ng	97
65) 4,6-Dinitro-2-methylph...	10.681	198	152897	46.369	ng	83
66) n-Nitrosodiphenylamine	10.745	169	766510	44.573	ng	99
67) 4-Bromophenyl-phenylether	11.122	248	272285	44.286	ng	97
68) Hexachlorobenzene	11.186	284	293020	43.611	ng	96
69) Atrazine	11.269	200	264084	50.364	ng	98
70) Pentachlorophenol	11.381	266	372378	80.726	ng	99
71) Phenanthrene	11.610	178	1256865	44.885	ng	99
72) Anthracene	11.657	178	1297488	46.569	ng	100
73) Carbazole	11.810	167	1180446	43.962	ng	99
74) Di-n-butylphthalate	12.128	149	1367870	46.700	ng	99
75) Fluoranthene	12.798	202	1350558	44.123	ng	100
77) Benzidine	12.916	184	178597	19.461	ng	99
78) Pyrene	13.033	202	1373997	43.671	ng	99
80) Butylbenzylphthalate	13.639	149	524935	52.586	ng	93
81) Benzo(a)anthracene	14.221	228	1168171	46.028	ng	99
82) 3,3'-Dichlorobenzidine	14.180	252	233833	30.776	ng	98
83) Chrysene	14.263	228	1106233	46.551	ng	98
84) Bis(2-ethylhexyl)phtha...	14.186	149	692649	55.056	ng	99
85) Di-n-octyl phthalate	14.816	149	1011488	59.741	ng	97
87) Indeno(1,2,3-cd)pyrene	17.421	276	816019	46.234	ng	99
88) Benzo(b)fluoranthene	15.321	252	897325	46.457	ng	99
89) Benzo(k)fluoranthene	15.357	252	861503	46.147	ng	99
90) Benzo(a)pyrene	15.727	252	765401	48.573	ng	100
91) Dibenzo(a,h)anthracene	17.439	278	661031	46.012	ng	99
92) Benzo(g,h,i)perylene	17.915	276	636482	42.262	ng	98

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

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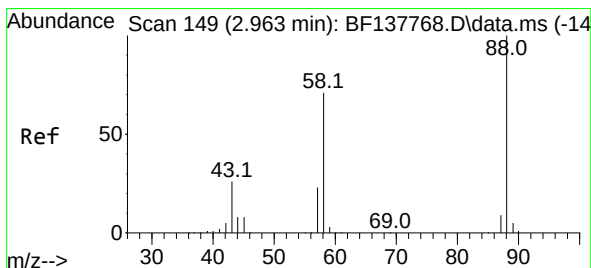
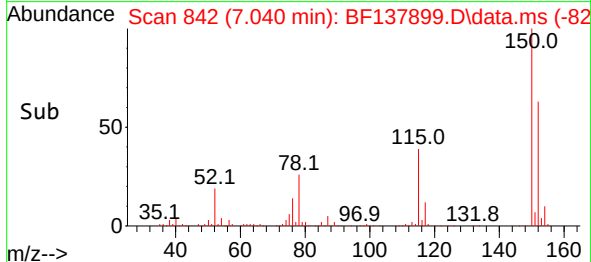
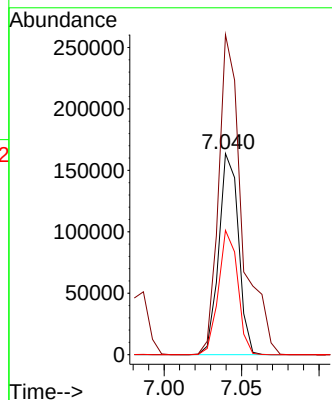
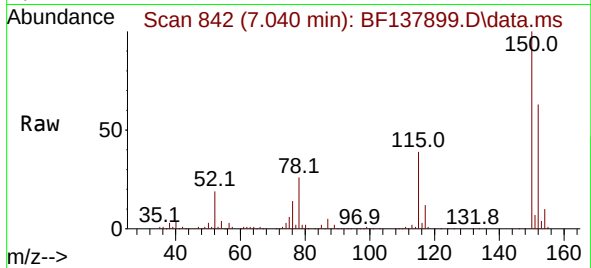




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.040 min Scan# 84
 Delta R.T. -0.017 min
 Lab File: BF137899.D
 Acq: 13 May 2024 13:17

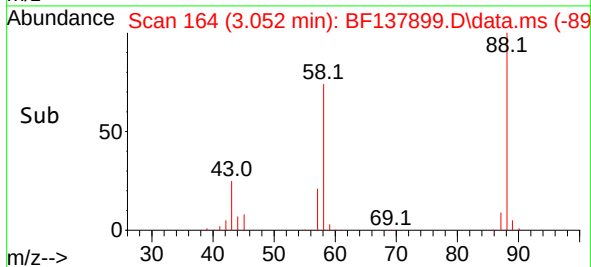
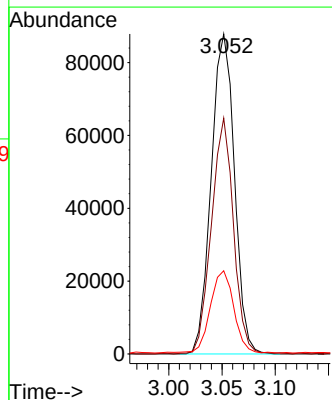
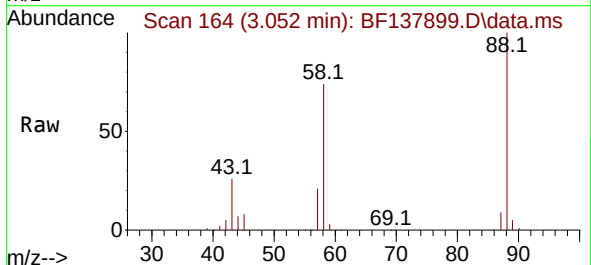
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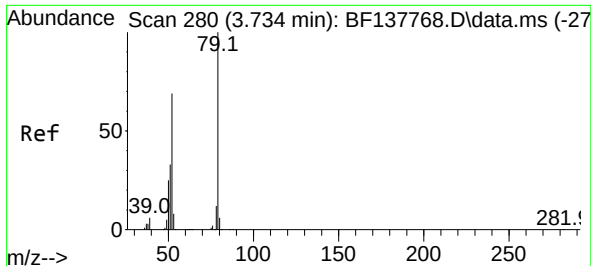
Tgt Ion:152 Resp: 144383
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.1 186.1
 115 61.8 49.1 73.7



#2
 1,4-Dioxane
 Concen: 34.241 ng
 RT: 3.052 min Scan# 164
 Delta R.T. 0.088 min
 Lab File: BF137899.D
 Acq: 13 May 2024 13:17

Tgt Ion: 88 Resp: 132966
 Ion Ratio Lower Upper
 88 100
 58 70.2 58.8 88.2
 43 26.0 21.4 32.0





#3

Pyridine

Concen: 34.311 ng

RT: 3.793 min Scan# 24

Delta R.T. 0.059 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

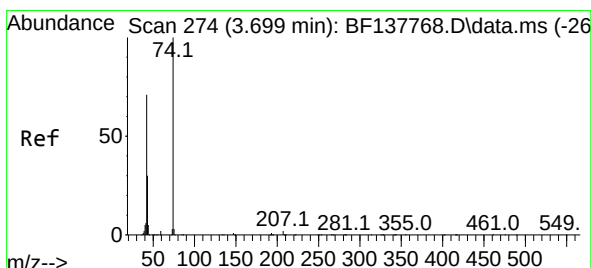
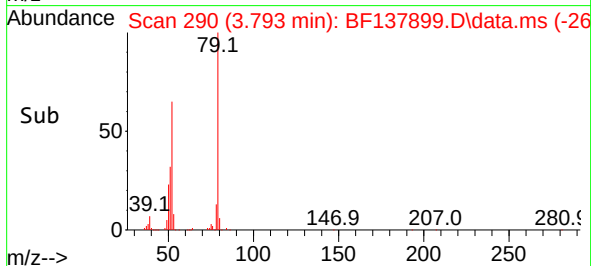
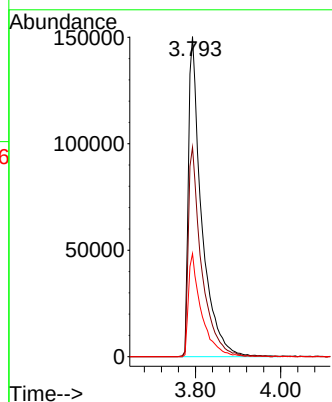
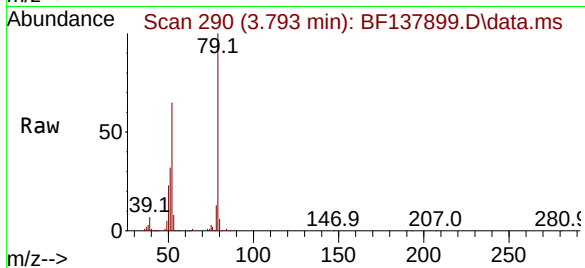
Tgt Ion: 79 Resp: 322473

Ion Ratio Lower Upper

79 100

52 65.5 55.5 83.3

51 32.2 26.9 40.3



#4

n-Nitrosodimethylamine

Concen: 38.060 ng

RT: 3.757 min Scan# 284

Delta R.T. 0.059 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

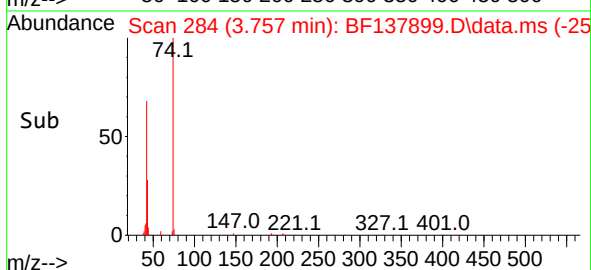
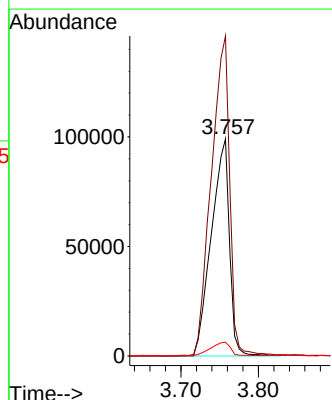
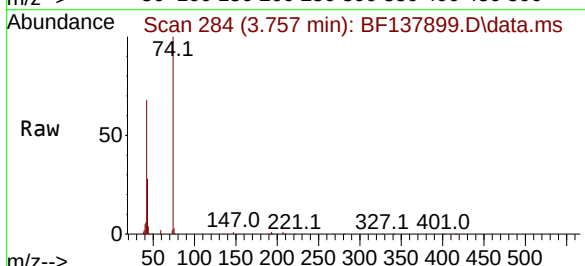
Tgt Ion: 42 Resp: 161075

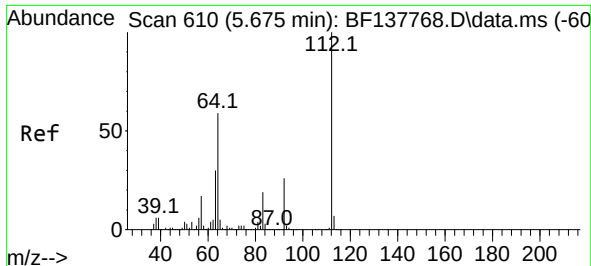
Ion Ratio Lower Upper

42 100

74 147.4 112.9 169.3

44 6.3 5.6 8.4

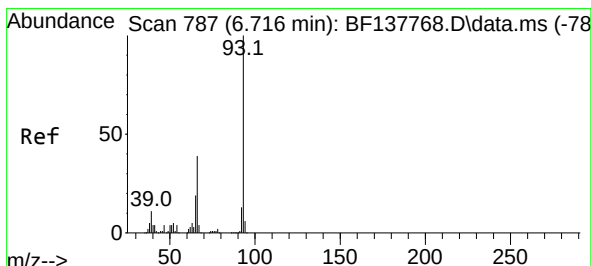
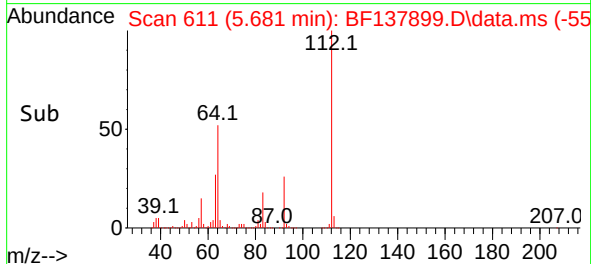
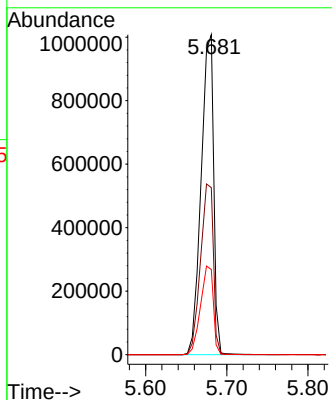
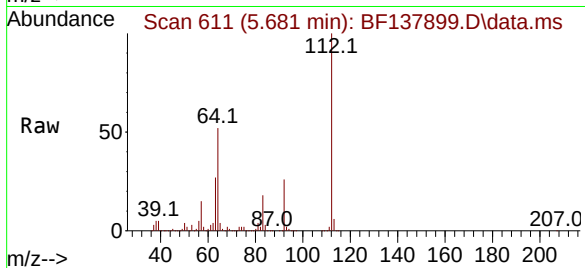




#5
2-Fluorophenol
Concen: 125.206 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

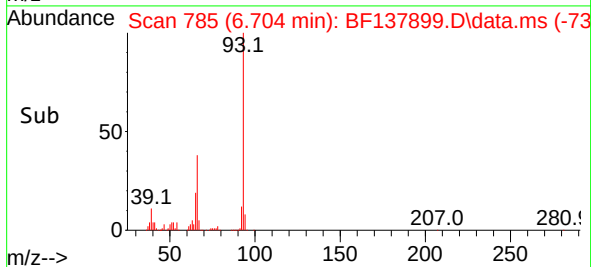
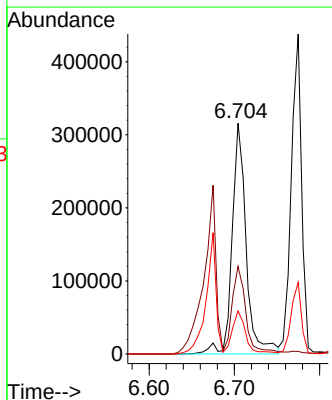
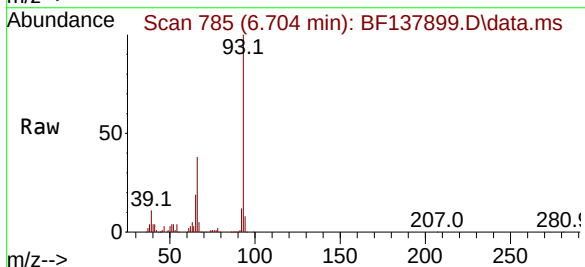
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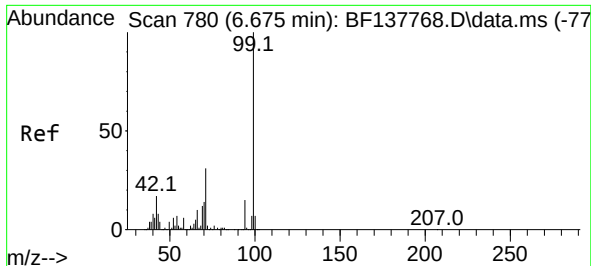
Tgt Ion:112 Resp: 1079720
Ion Ratio Lower Upper
112 100
64 52.2 47.3 70.9
63 26.6 23.7 35.5



#6
Aniline
Concen: 33.278 ng
RT: 6.704 min Scan# 785
Delta R.T. -0.012 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion: 93 Resp: 360772
Ion Ratio Lower Upper
93 100
66 37.9 31.8 47.6
65 18.7 15.4 23.2





#7

Phenol-d6

Concen: 121.106 ng

RT: 6.663 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Instrument :

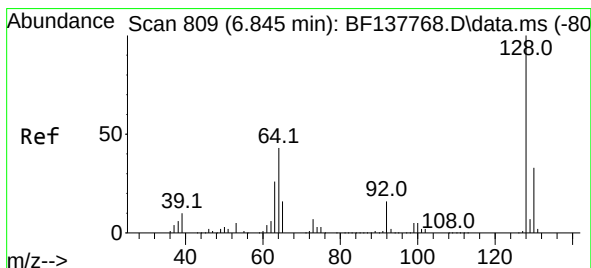
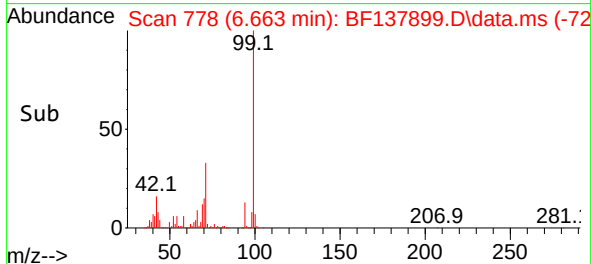
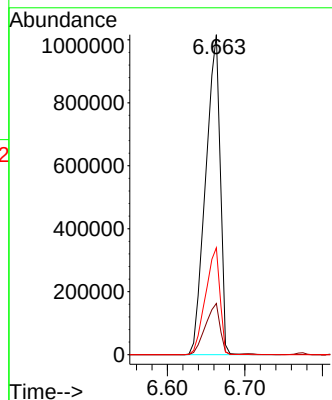
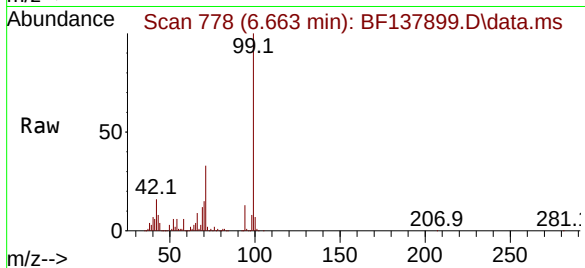
BNA_F

ClientSampleId :

PB160855BS

Tgt Ion: 99 Resp: 1324673

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.2	19.8
71	33.4	25.0	37.4



#8

2-Chlorophenol

Concen: 44.238 ng

RT: 6.828 min Scan# 806

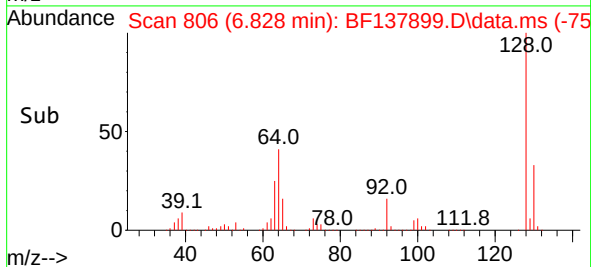
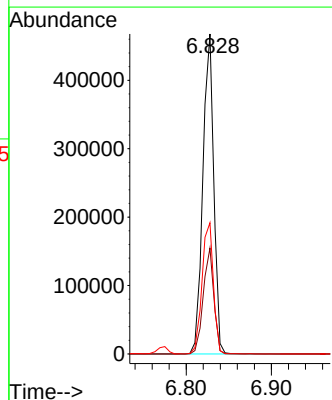
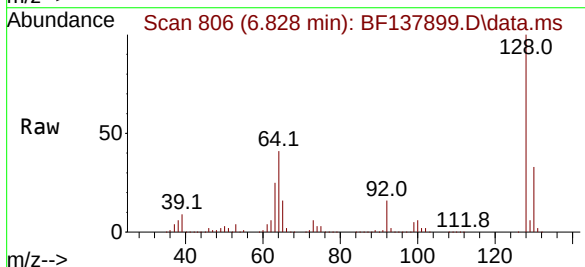
Delta R.T. -0.018 min

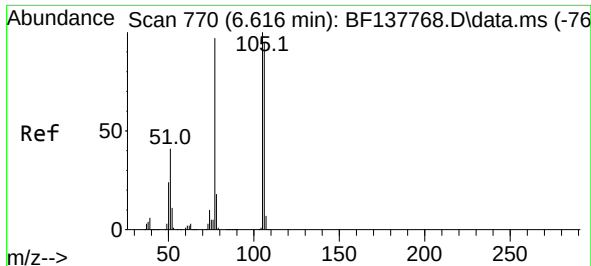
Lab File: BF137899.D

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Tgt Ion: 128 Resp: 415740

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.5	52.5
64	41.0	23.9	63.9

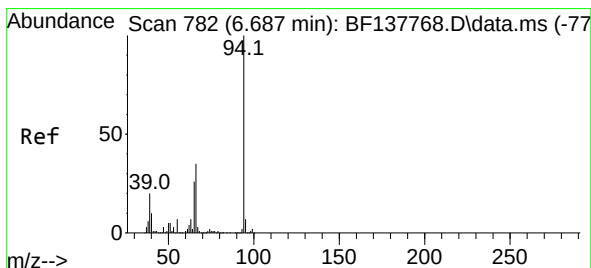
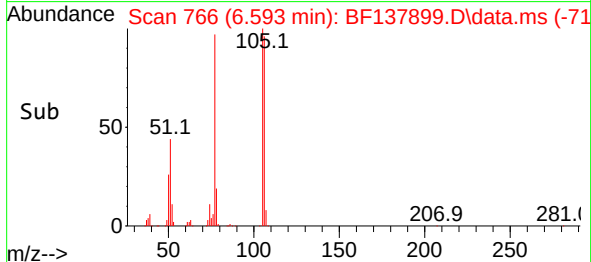
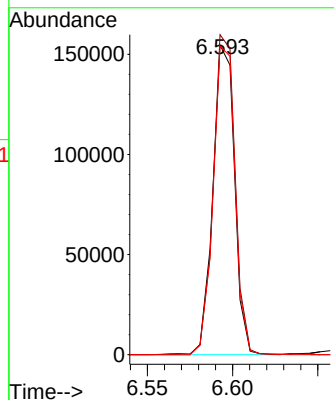
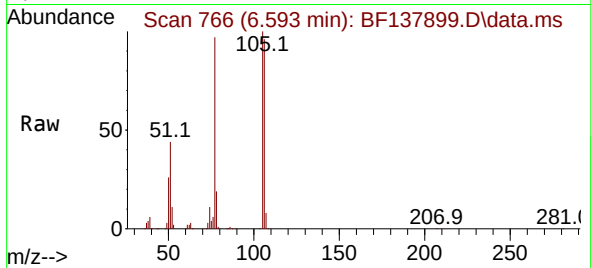




#9
Benzaldehyde
Concen: 23.189 ng
RT: 6.593 min Scan# 770
Delta R.T. -0.023 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

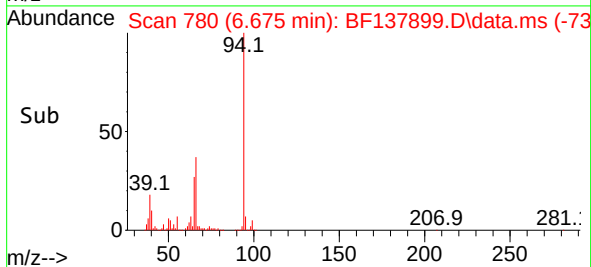
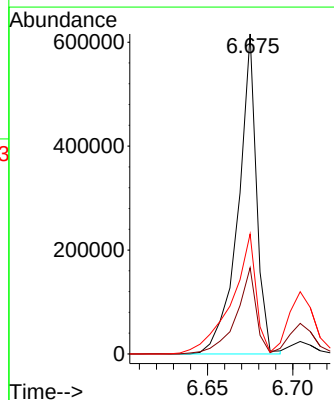
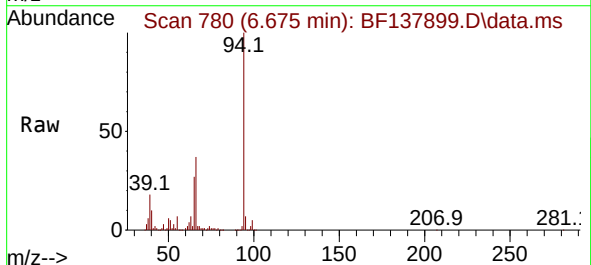
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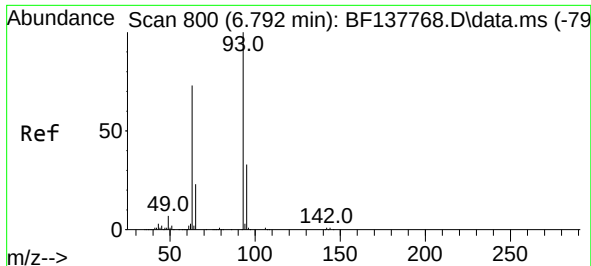
Tgt Ion: 77 Resp: 136595
Ion Ratio Lower Upper
77 100
105 103.4 83.2 123.2
106 99.7 77.7 117.7



#10
Phenol
Concen: 41.157 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.012 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion: 94 Resp: 461292
Ion Ratio Lower Upper
94 100
65 27.0 6.4 46.4
66 37.5 15.4 55.4

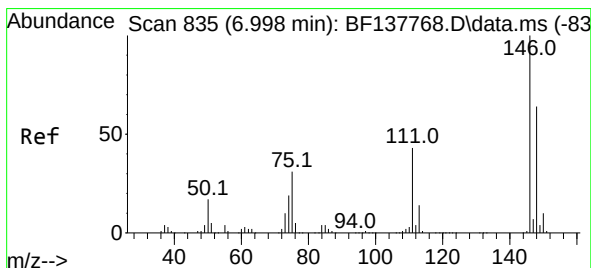
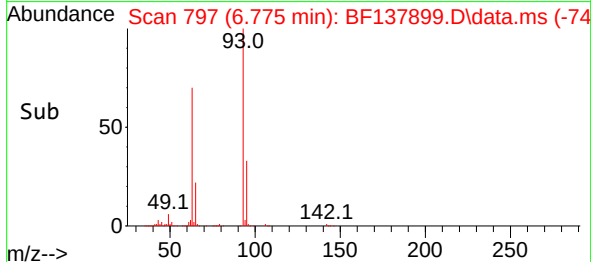
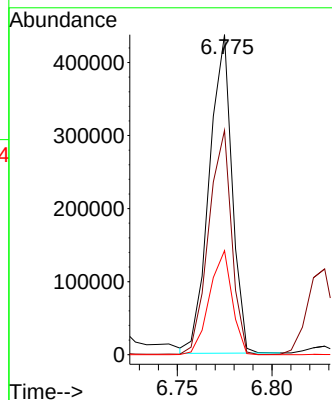
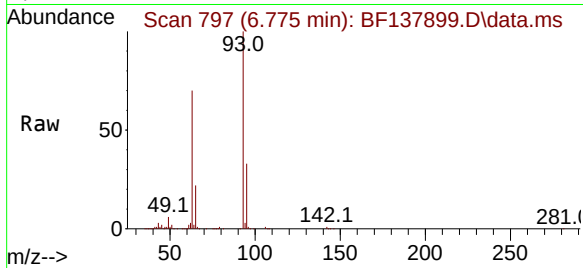




#11
bis(2-Chloroethyl)ether
Concen: 41.556 ng
RT: 6.775 min Scan# 79
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

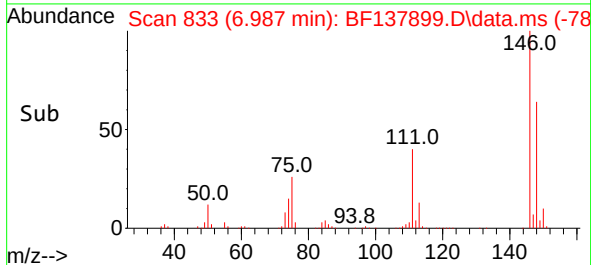
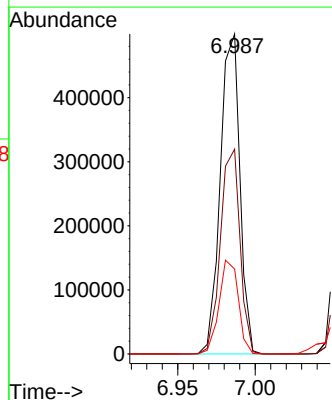
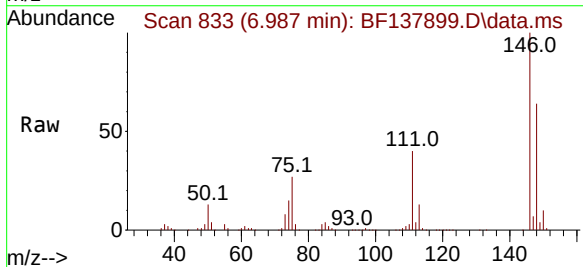
Instrument :
BNA_F
ClientSampleId :
PB160855BS

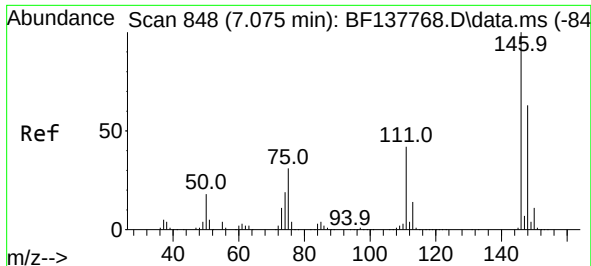
Tgt Ion: 93 Resp: 364697
Ion Ratio Lower Upper
93 100
63 70.1 51.6 91.6
95 32.5 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 41.498 ng
RT: 6.987 min Scan# 833
Delta R.T. -0.012 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:146 Resp: 439778
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
75 26.6 25.1 37.7





#13

1,4-Dichlorobenzene

Concen: 41.995 ng

RT: 7.057 min Scan# 84

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

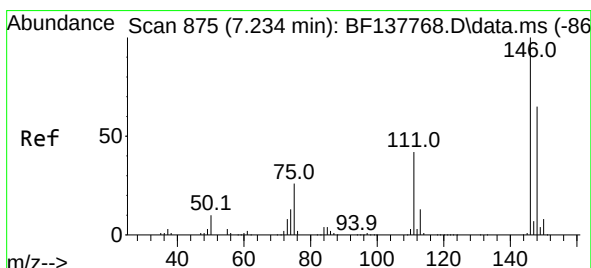
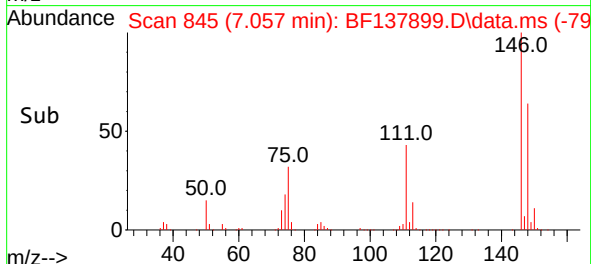
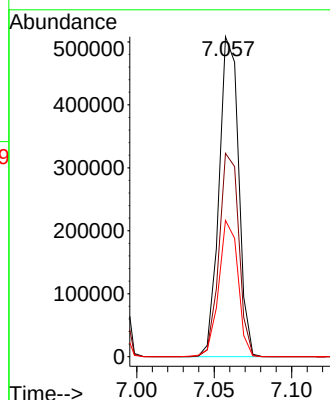
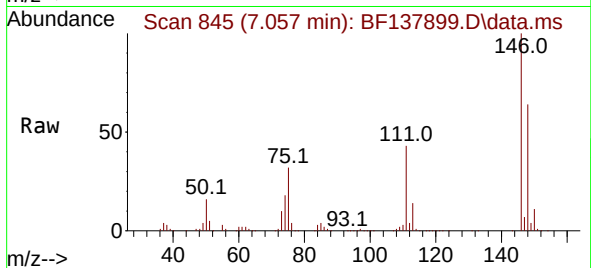
Tgt Ion:146 Resp: 446564

Ion Ratio Lower Upper

146 100

148 63.5 50.7 76.1

111 42.6 33.8 50.8



#14

1,2-Dichlorobenzene

Concen: 42.511 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.023 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

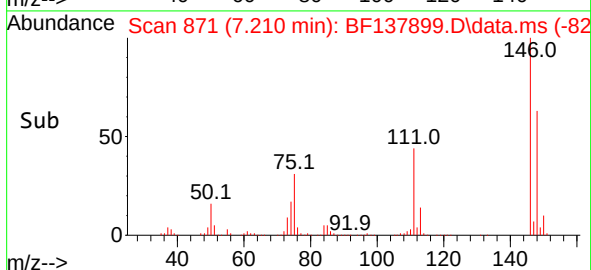
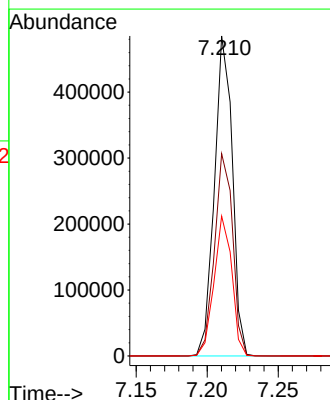
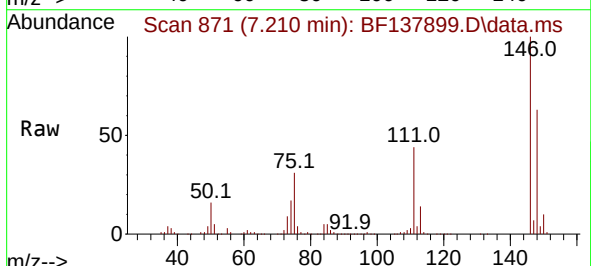
Tgt Ion:146 Resp: 425775

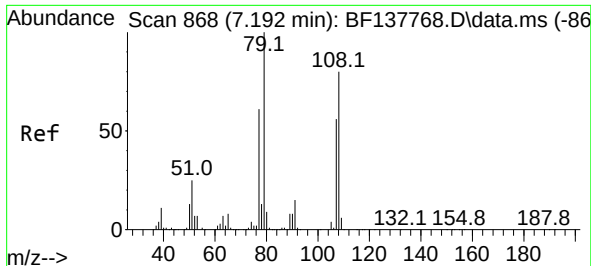
Ion Ratio Lower Upper

146 100

148 63.2 51.8 77.8

111 43.7 33.6 50.4

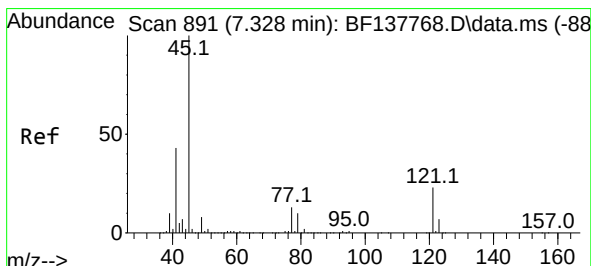
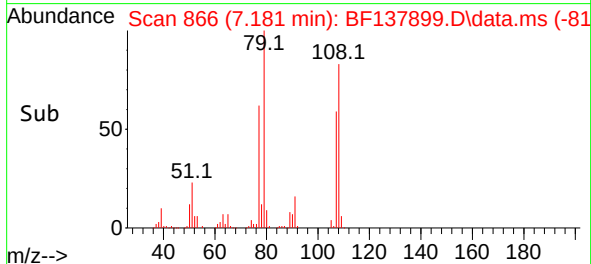
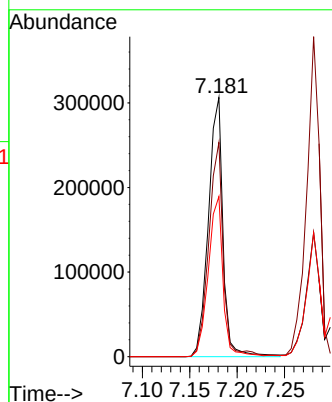
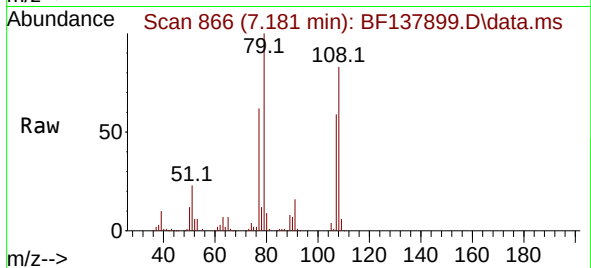




#15
Benzyl Alcohol
Concen: 43.378 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

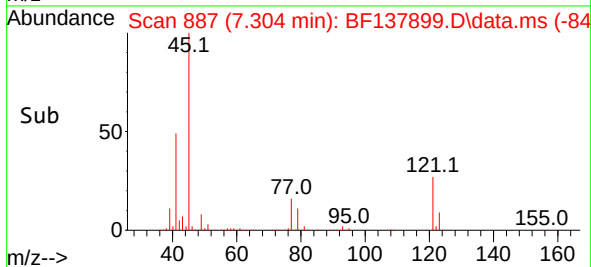
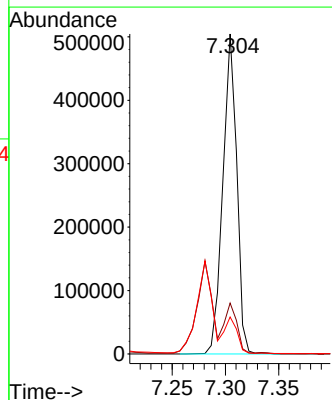
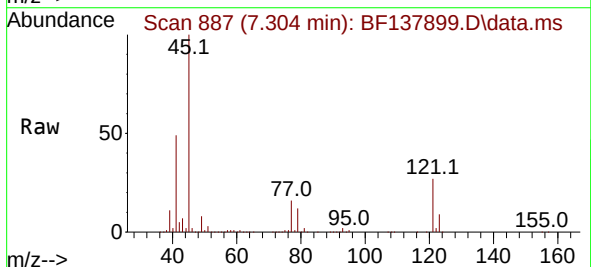
Instrument :
BNA_F
ClientSampleId :
PB160855BS

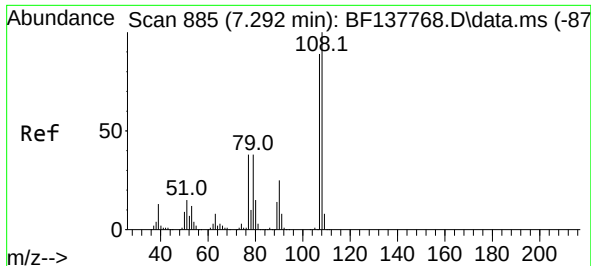
Tgt Ion: 79 Resp: 328121
Ion Ratio Lower Upper
79 100
108 82.7 64.2 96.2
77 61.8 48.5 72.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.979 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.023 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion: 45 Resp: 456151
Ion Ratio Lower Upper
45 100
77 15.9 0.0 33.8
79 11.6 0.0 31.0

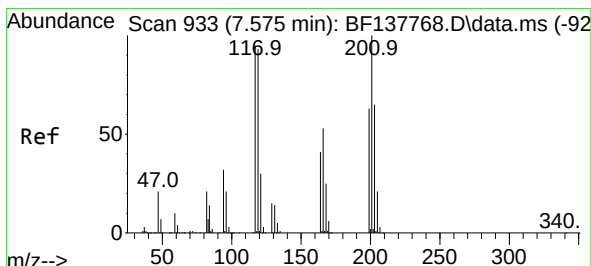
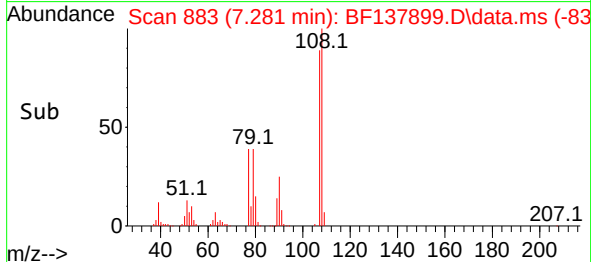
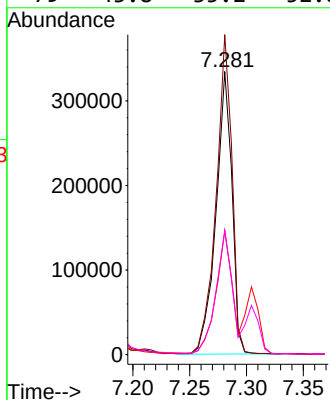
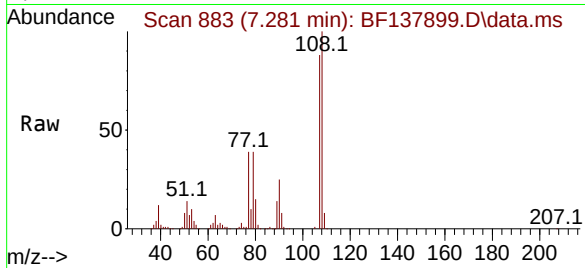




#17
2-Methylphenol
Concen: 43.028 ng
RT: 7.281 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

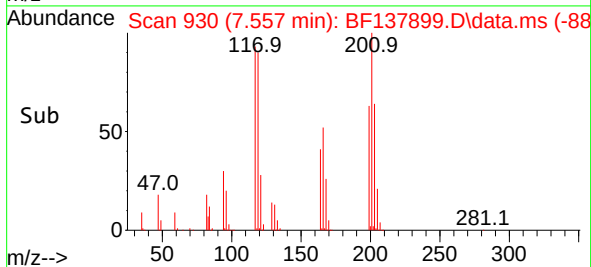
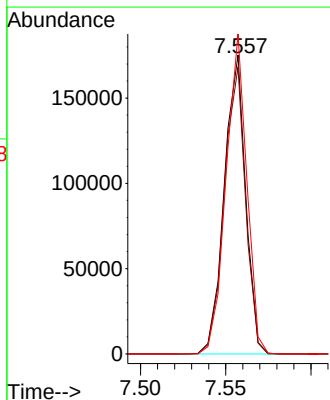
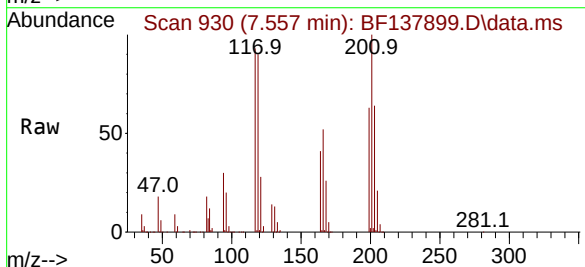
Instrument :
BNA_F
ClientSampleId :
PB160855BS

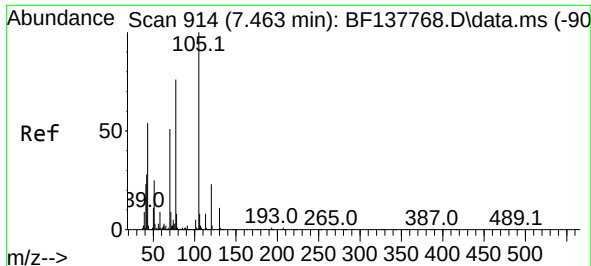
Tgt Ion:107 Resp: 326287
Ion Ratio Lower Upper
107 100
108 113.0 90.5 135.7
77 43.8 34.5 51.7
79 43.8 35.2 52.8



#18
Hexachloroethane
Concen: 42.415 ng
RT: 7.557 min Scan# 930
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:117 Resp: 152477
Ion Ratio Lower Upper
117 100
119 95.9 77.6 116.4
201 107.0 83.8 125.8

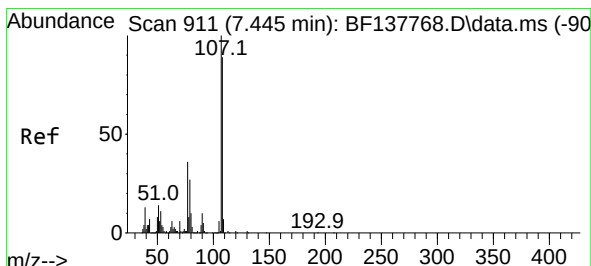
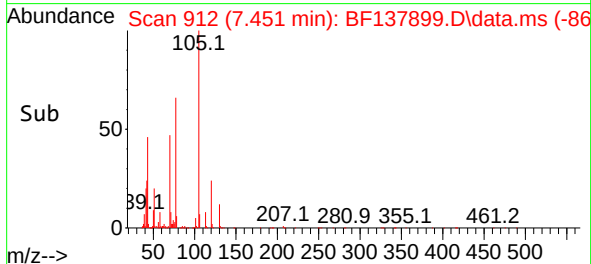
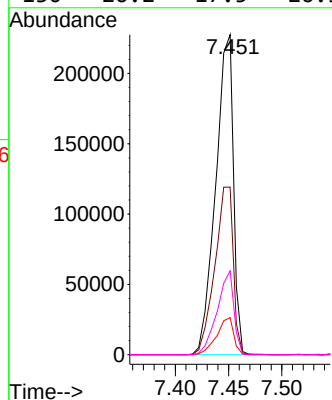
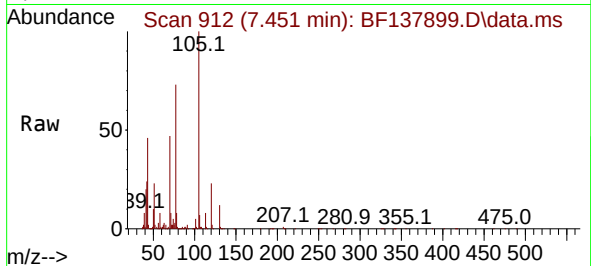




#19
n-Nitroso-di-n-propylamine
Concen: 40.260 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

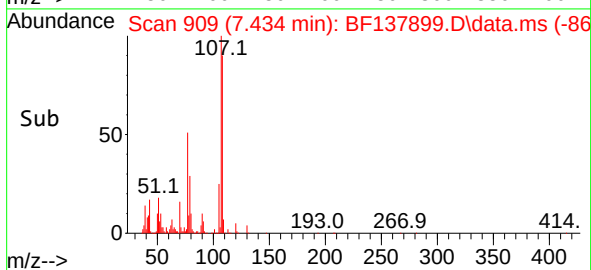
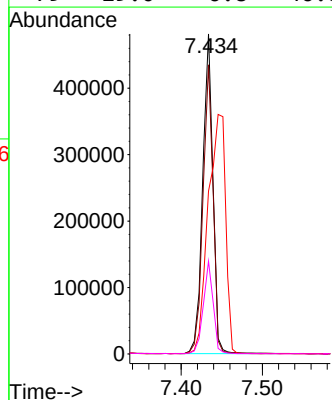
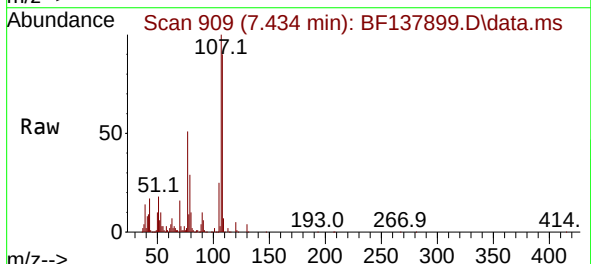
Instrument :
BNA_F
ClientSampleId :
PB160855BS

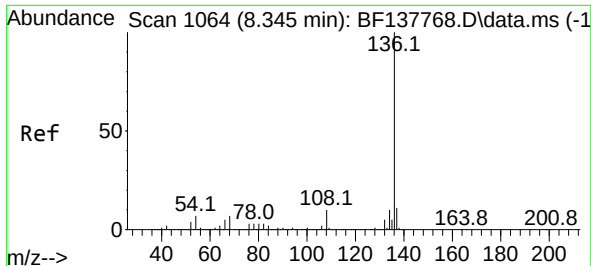
Tgt Ion: 70 Resp: 263171
Ion Ratio Lower Upper
70 100
42 52.3 44.6 66.8
101 11.6 7.8 11.6
130 26.2 17.5 26.3



#20
3+4-Methylphenols
Concen: 42.141 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:107 Resp: 420431
Ion Ratio Lower Upper
107 100
108 90.4 69.3 109.3
77 50.9 15.7 55.7
79 29.0 6.8 46.8



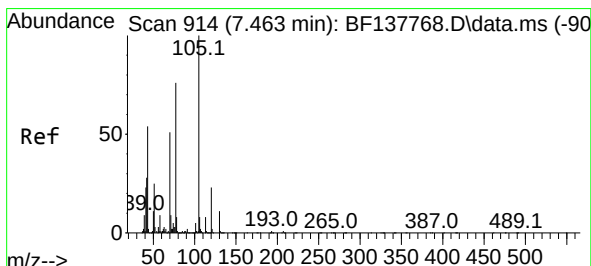
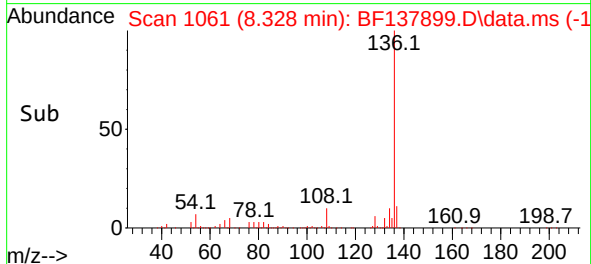
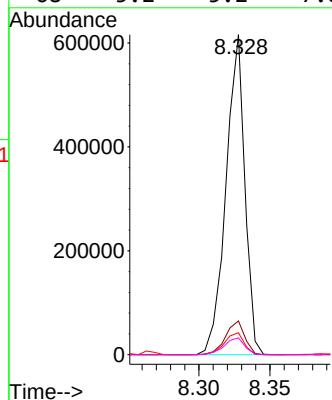
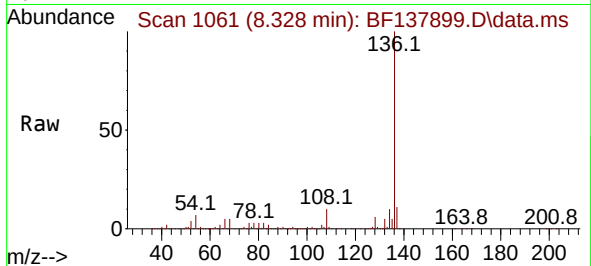


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.328 min Scan# 1061
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Instrument :
BNA_F
ClientSampleId :
PB160855BS

Tgt Ion:136 Resp: 566828

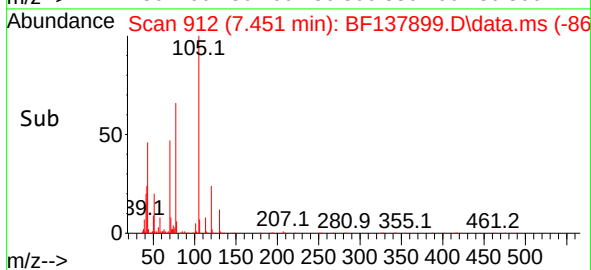
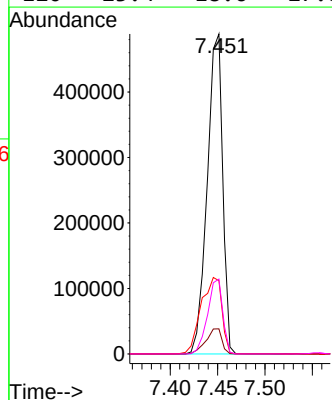
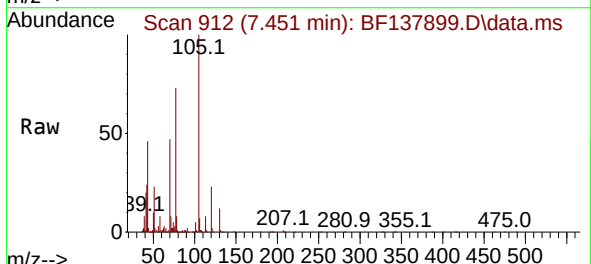
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.9	5.8	8.8
68	5.2	5.2	7.8

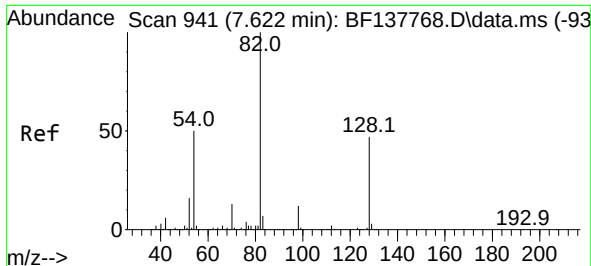


#22
Acetophenone
Concen: 43.511 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:105 Resp: 554691

Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.9	10.3
51	22.9	20.2	30.2
120	23.4	18.6	27.8

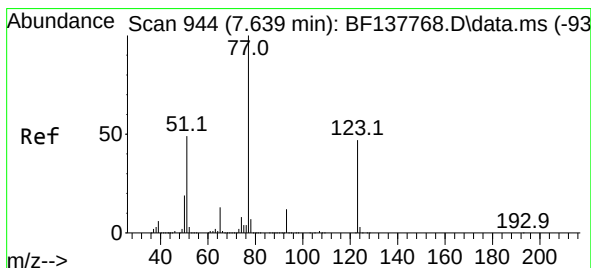
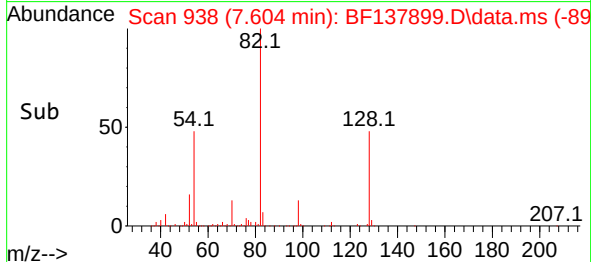
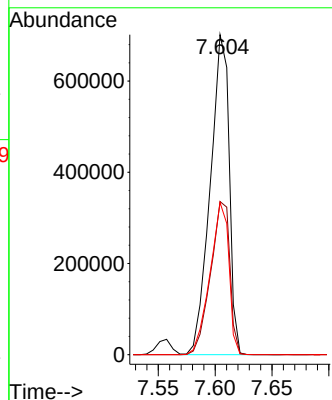
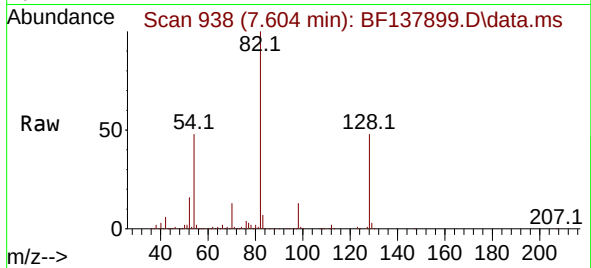




#23
Nitrobenzene-d5
Concen: 83.495 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

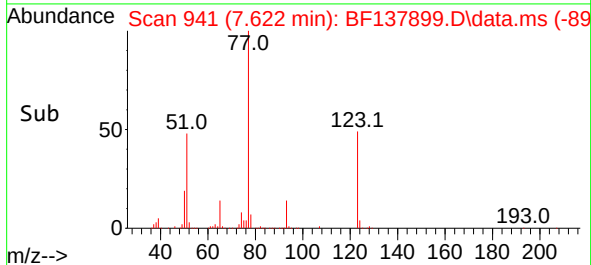
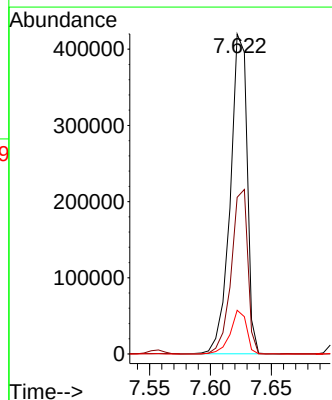
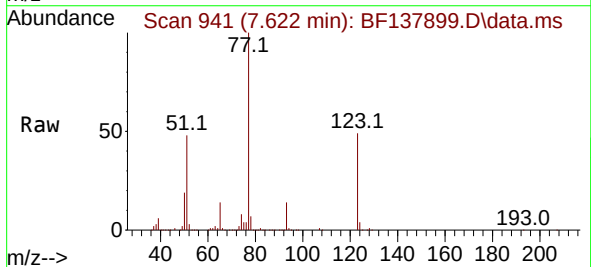
Instrument :
BNA_F
ClientSampleId :
PB160855BS

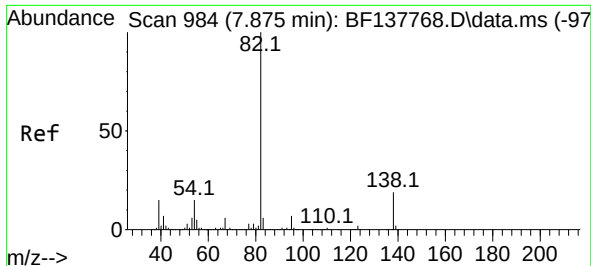
Tgt Ion: 82 Resp: 814609
Ion Ratio Lower Upper
82 100
128 47.8 37.5 56.3
54 47.6 39.8 59.6



#24
Nitrobenzene
Concen: 40.224 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion: 77 Resp: 404466
Ion Ratio Lower Upper
77 100
123 49.0 37.4 56.2
65 13.6 10.7 16.1

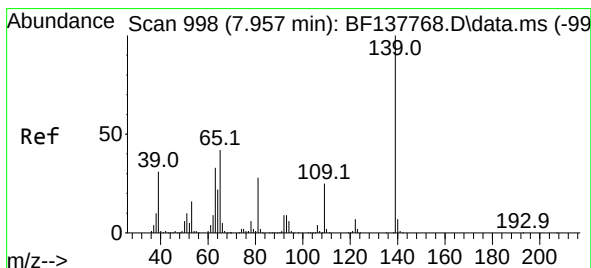
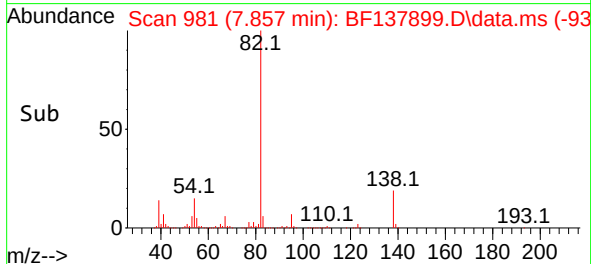
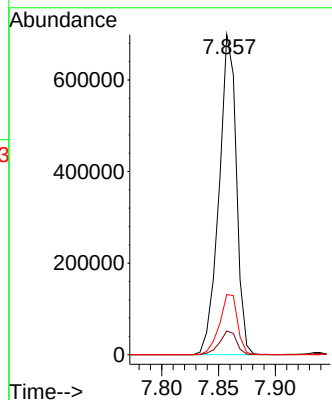
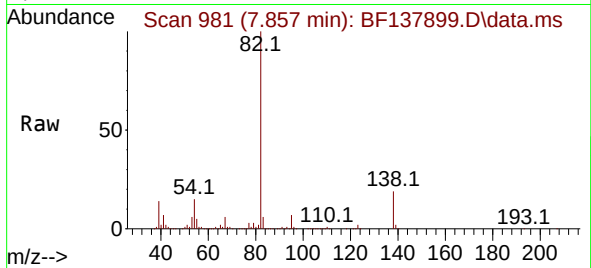




#25
Isophorone
Concen: 42.257 ng
RT: 7.857 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

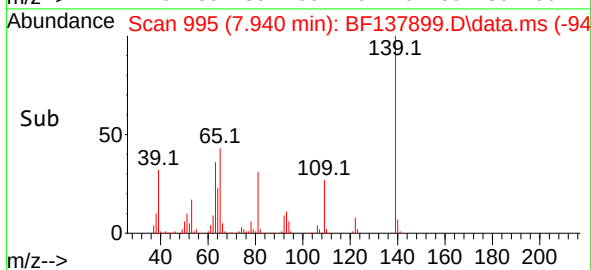
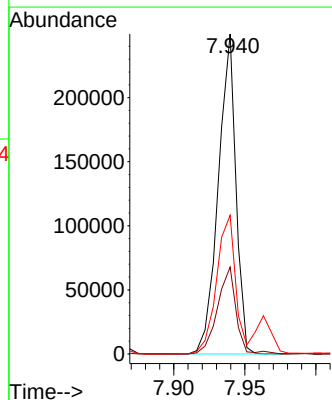
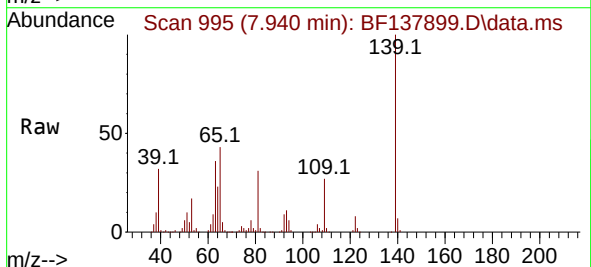
Instrument :
BNA_F
ClientSampleId :
PB160855BS

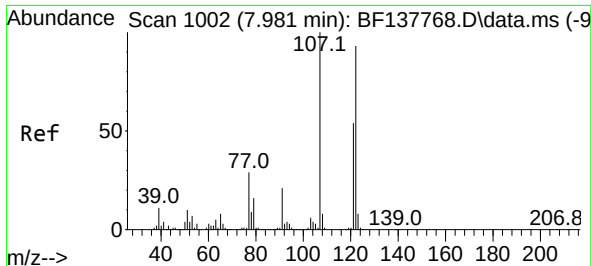
Tgt Ion: 82 Resp: 743343
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.8 15.0 22.6



#26
2-Nitrophenol
Concen: 47.189 ng
RT: 7.940 min Scan# 995
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:139 Resp: 214878
Ion Ratio Lower Upper
139 100
109 27.2 20.2 30.2
65 43.4 33.4 50.0





#27

2,4-Dimethylphenol

Concen: 46.329 ng

RT: 7.963 min Scan# 91

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

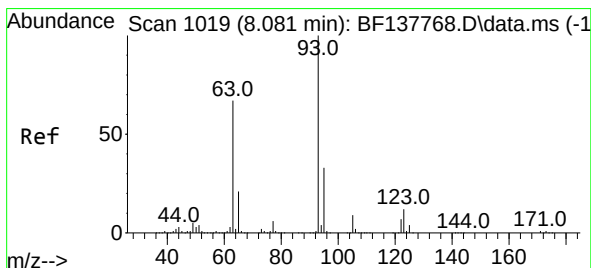
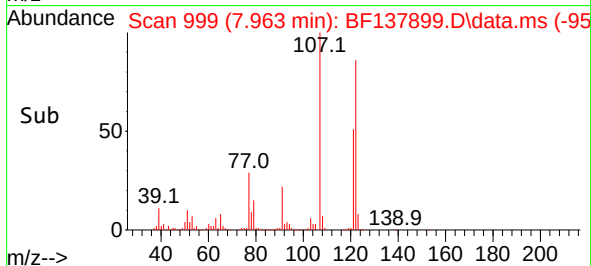
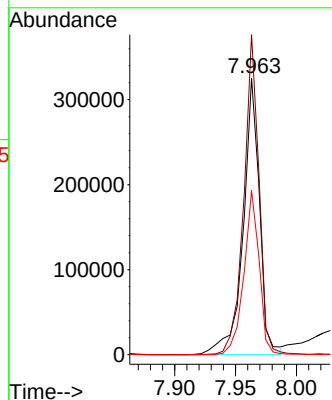
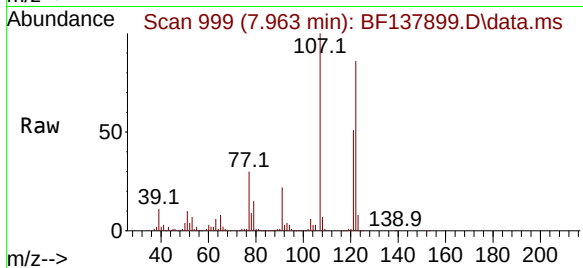
Tgt Ion:122 Resp: 303707

Ion Ratio Lower Upper

122 100

107 115.7 85.8 128.8

121 59.4 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 41.823 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

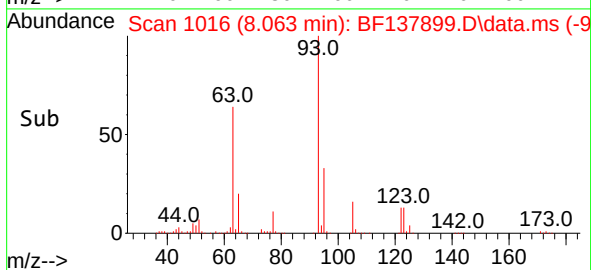
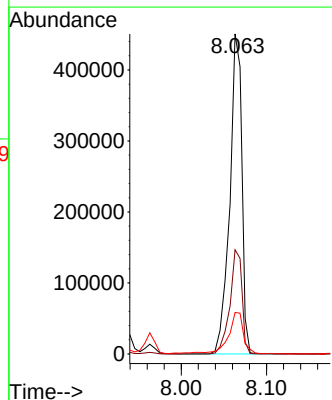
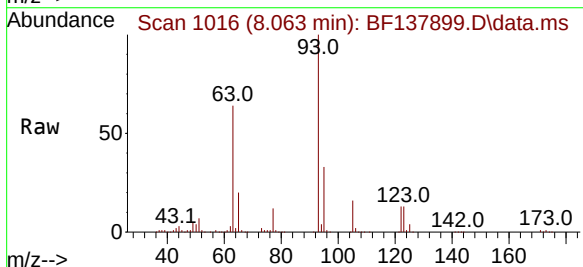
Tgt Ion: 93 Resp: 445443

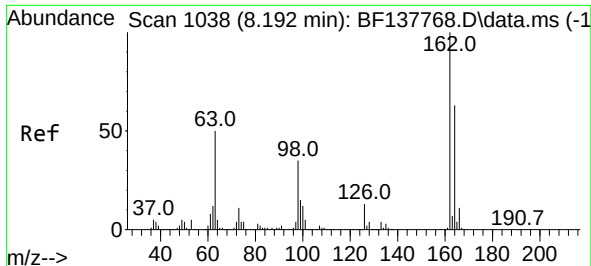
Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

123 12.9 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 44.592 ng

RT: 8.175 min Scan# 1035

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

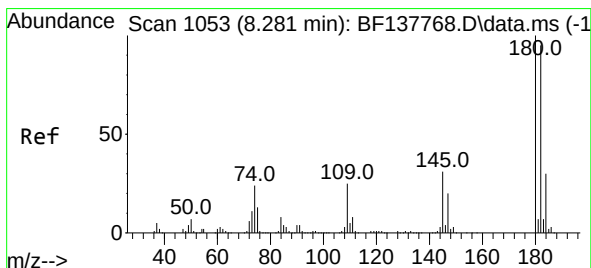
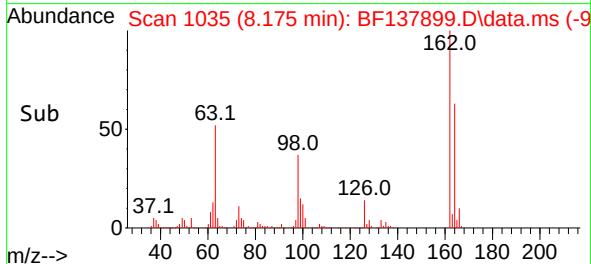
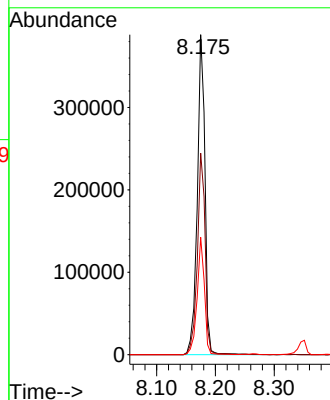
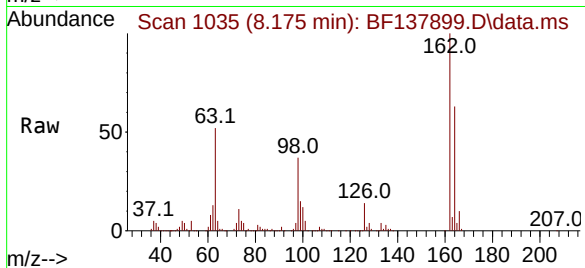
Tgt Ion:162 Resp: 353333

Ion Ratio Lower Upper

162 100

164 63.0 43.5 83.5

98 36.7 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 43.214 ng

RT: 8.263 min Scan# 1050

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

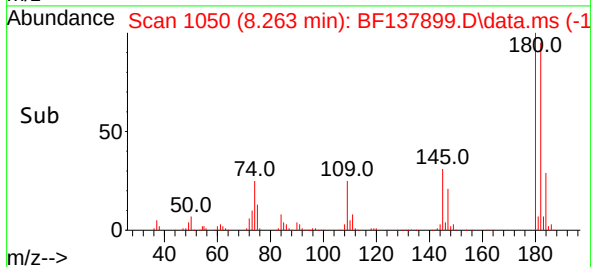
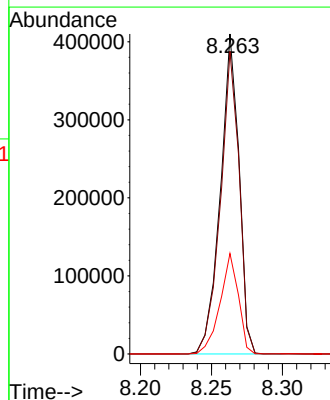
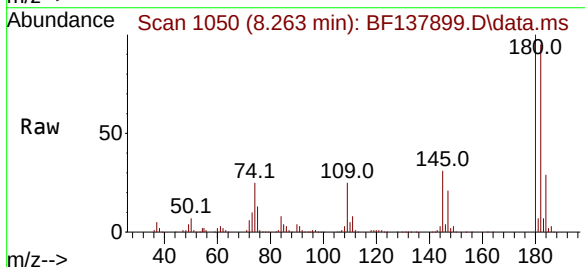
Tgt Ion:180 Resp: 373282

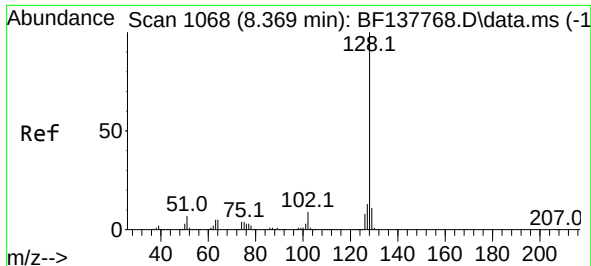
Ion Ratio Lower Upper

180 100

182 94.5 76.2 114.2

145 31.4 25.1 37.7

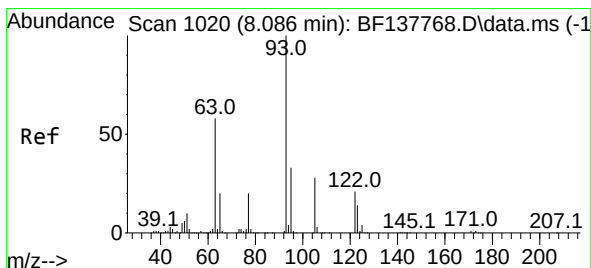
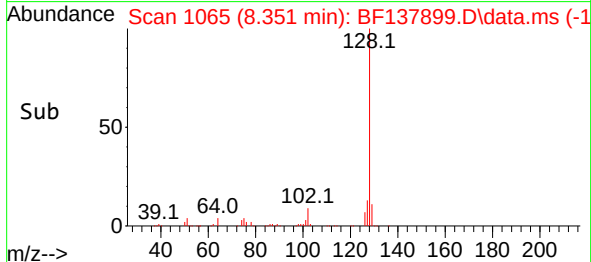
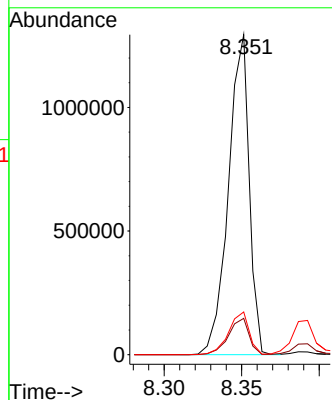
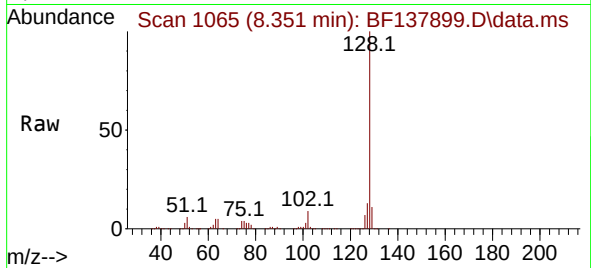




#31
Naphthalene
Concen: 42.808 ng
RT: 8.351 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

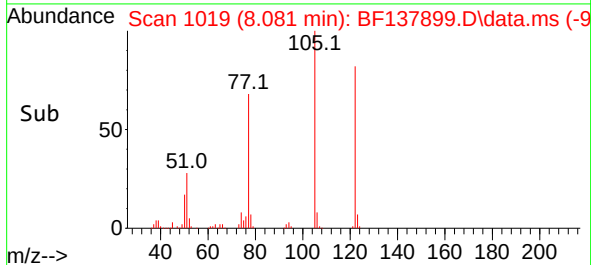
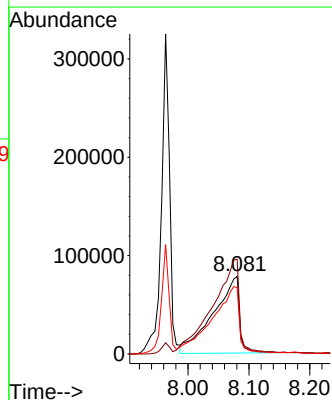
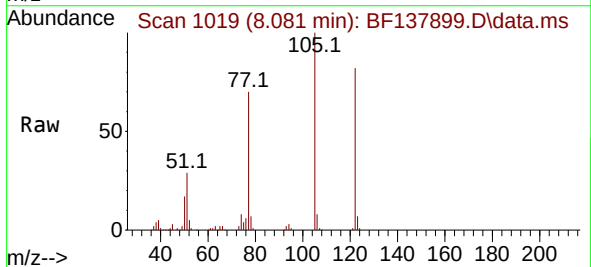
Instrument :
BNA_F
ClientSampleId :
PB160855BS

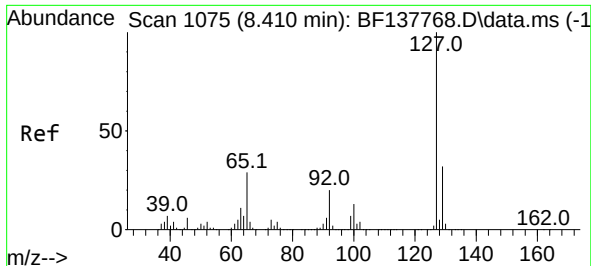
Tgt Ion:128 Resp: 1205852
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 41.264 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.005 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:122 Resp: 233366
Ion Ratio Lower Upper
122 100
105 121.9 105.3 145.3
77 85.4 73.2 113.2

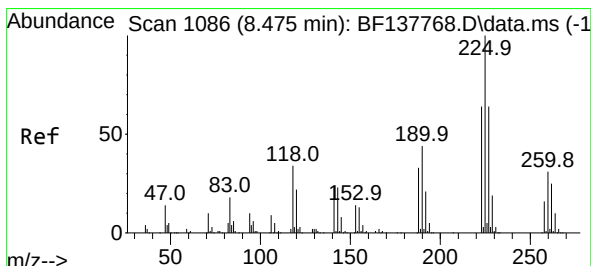
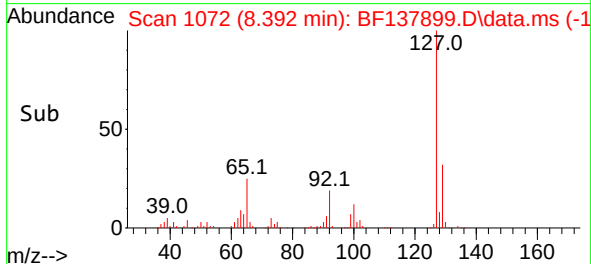
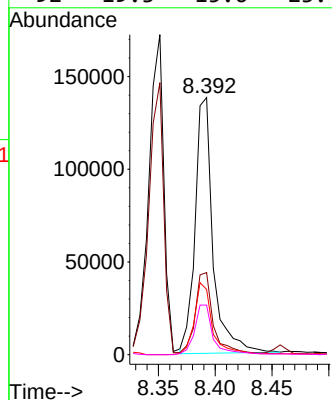
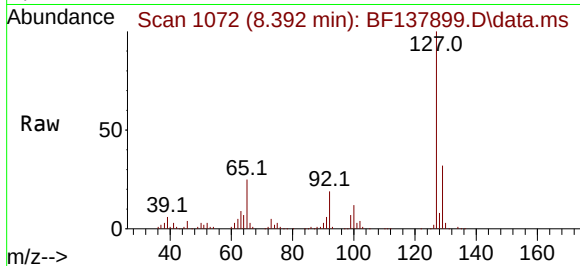




#33
4-Chloroaniline
Concen: 14.542 ng
RT: 8.392 min Scan# 1075
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

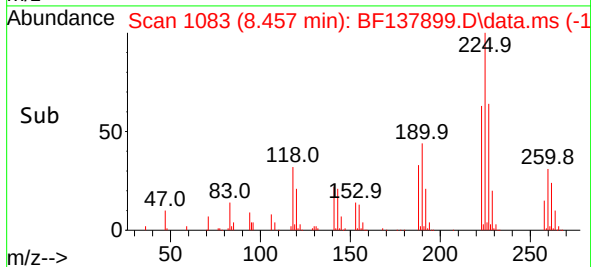
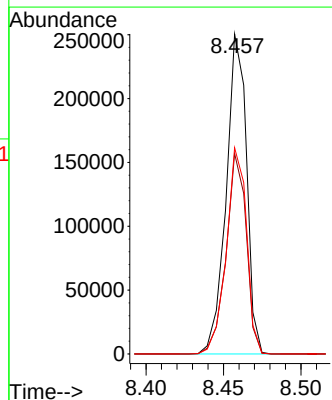
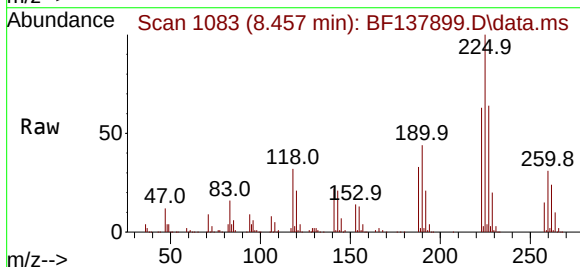
Instrument :
BNA_F
ClientSampleId :
PB160855BS

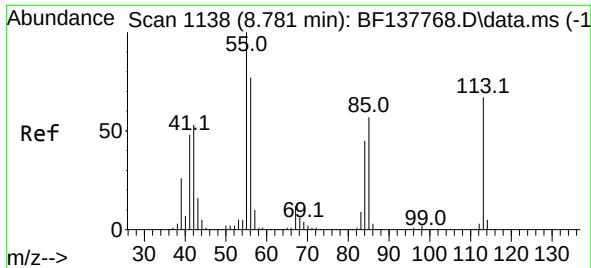
Tgt Ion:127	Resp: 151901
Ion Ratio	Lower Upper
127 100	
129 31.9	25.7 38.5
65 25.4	23.4 35.2
92 19.3	15.6 23.4



#34
Hexachlorobutadiene
Concen: 43.107 ng
RT: 8.457 min Scan# 1083
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:225	Resp: 228606		
Ion Ratio	Lower	Upper	
225	100		
223	62.6	51.1	76.7
227	64.5	51.4	77.0

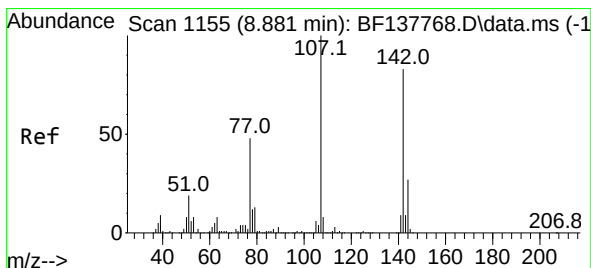
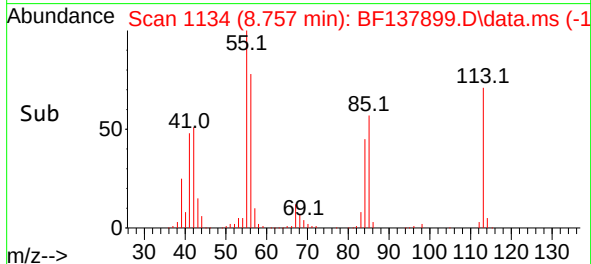
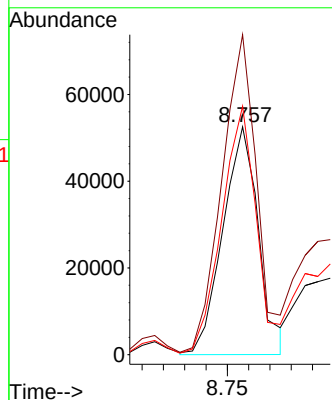
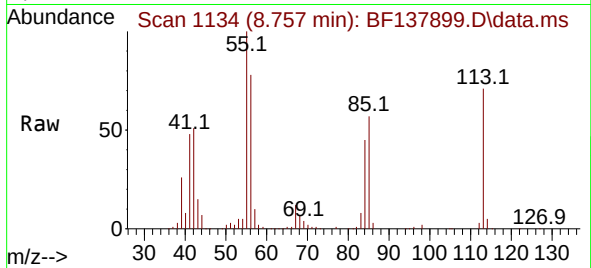




#35
 Caprolactam
 Concen: 24.139 ng
 RT: 8.757 min Scan# 1134
 Delta R.T. -0.023 min
 Lab File: BF137899.D
 Acq: 13 May 2024 13:17

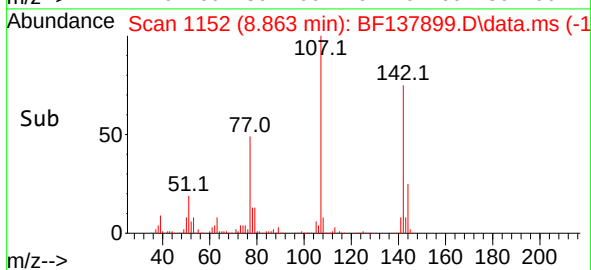
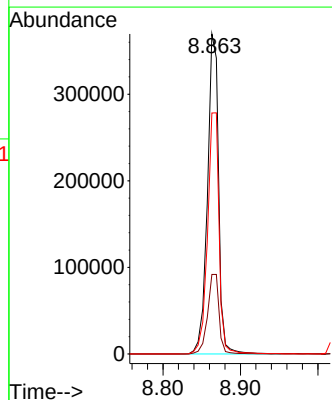
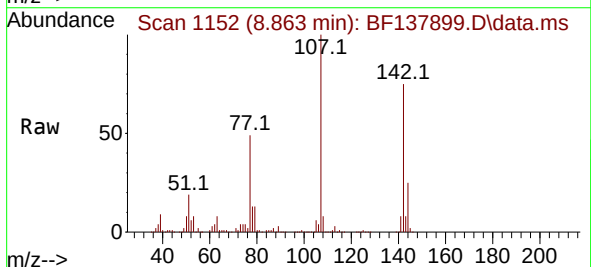
Instrument :
 BNA_F
 ClientSampleId :
 PB160855BS

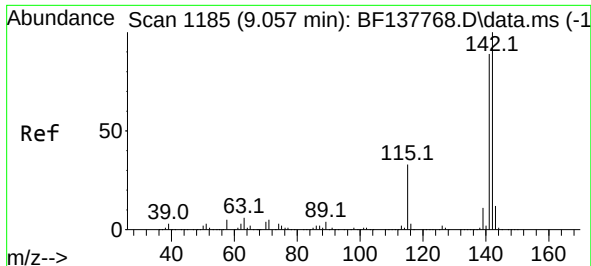
Tgt Ion:113 Resp: 60603
 Ion Ratio Lower Upper
 113 100
 55 140.4 128.7 168.7
 56 109.1 93.9 133.9



#36
 4-Chloro-3-methylphenol
 Concen: 44.744 ng
 RT: 8.863 min Scan# 1152
 Delta R.T. -0.018 min
 Lab File: BF137899.D
 Acq: 13 May 2024 13:17

Tgt Ion:107 Resp: 369724
 Ion Ratio Lower Upper
 107 100
 144 24.8 21.4 32.0
 142 75.3 66.2 99.2





#37

2-Methylnaphthalene

Concen: 43.839 ng

RT: 9.039 min Scan# 1182

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

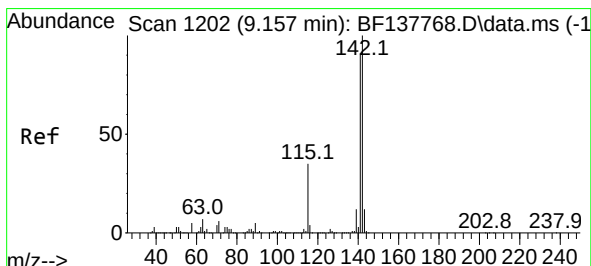
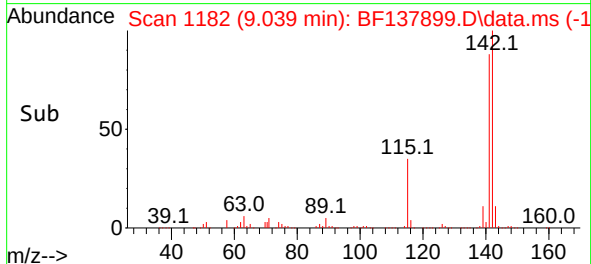
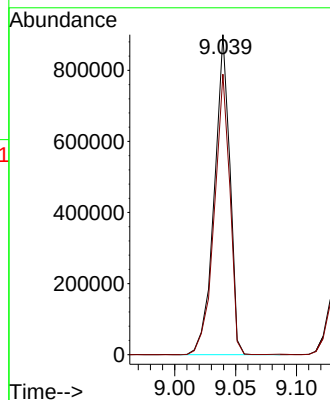
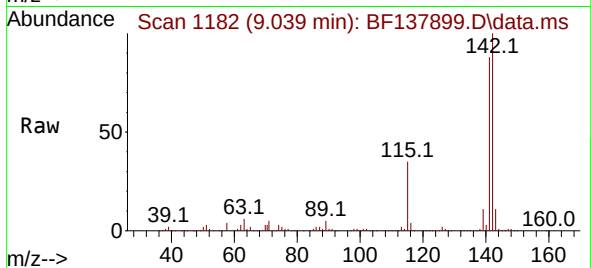
PB160855BS

Tgt Ion:142 Resp: 799348

Ion Ratio Lower Upper

142 100

141 87.7 70.8 106.2



#38

1-Methylnaphthalene

Concen: 41.093 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF137899.D

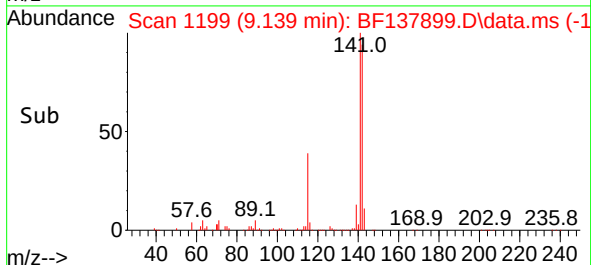
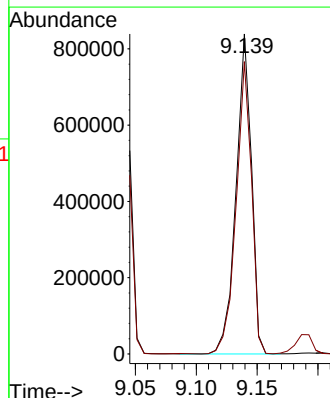
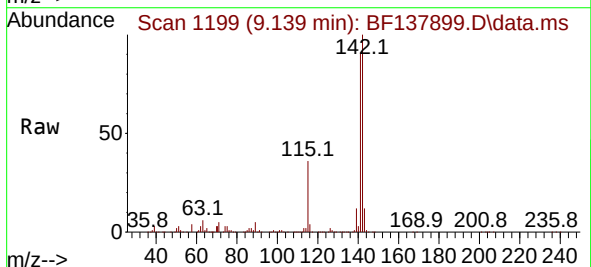
Acq: 13 May 2024 13:17

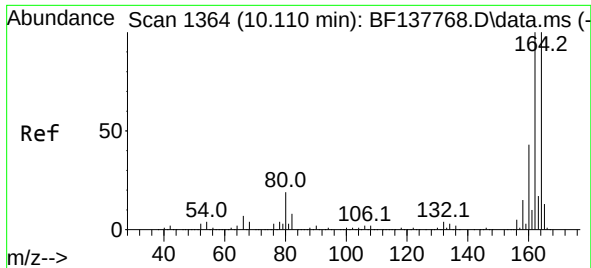
Tgt Ion:142 Resp: 737174

Ion Ratio Lower Upper

142 100

141 91.4 73.1 109.7

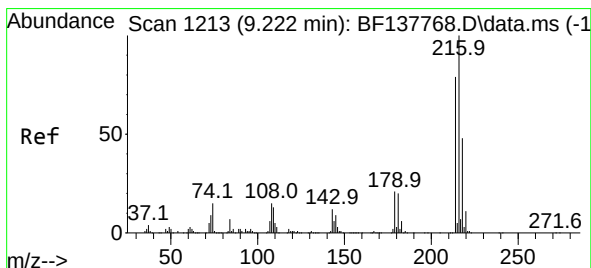
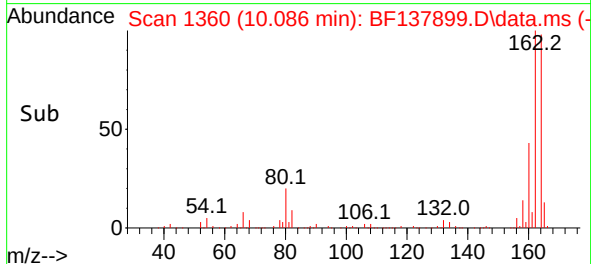
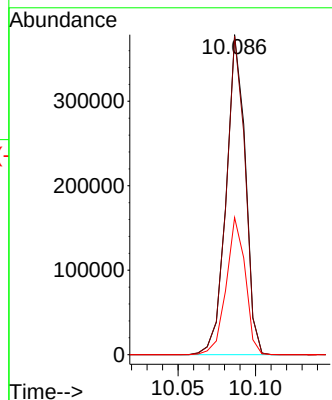
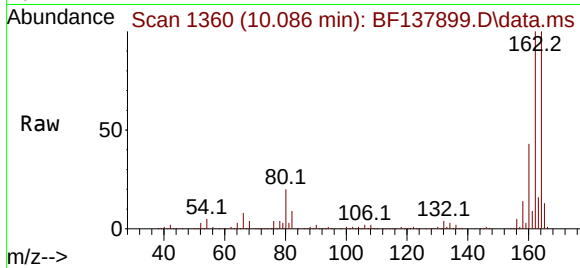




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

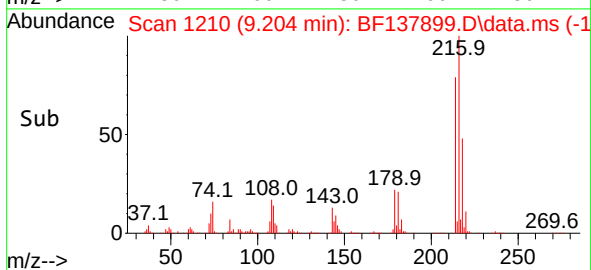
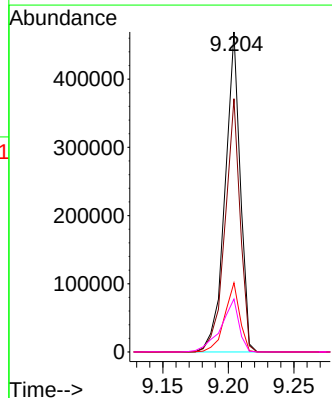
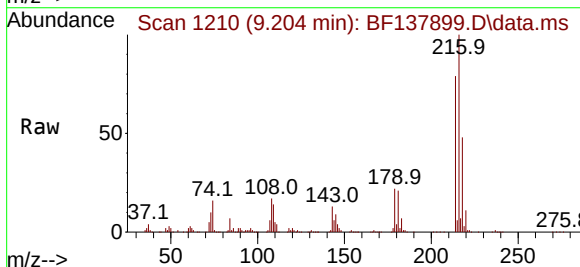
Instrument :
BNA_F
ClientSampleId :
PB160855BS

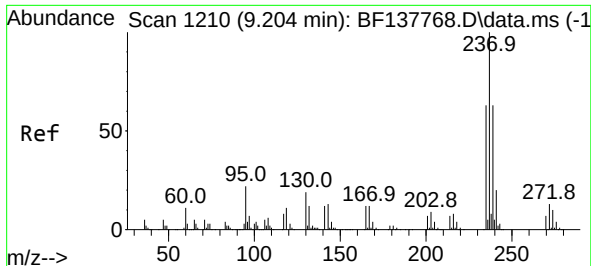
Tgt Ion:164 Resp: 324938
Ion Ratio Lower Upper
164 100
162 99.5 79.8 119.6
160 42.9 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.745 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:216 Resp: 376473
Ion Ratio Lower Upper
216 100
214 78.5 63.3 94.9
179 21.5 16.8 25.2
108 19.7 14.3 21.5

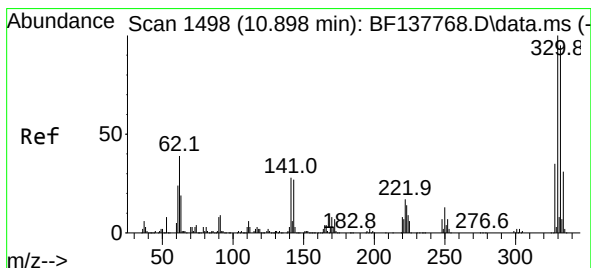
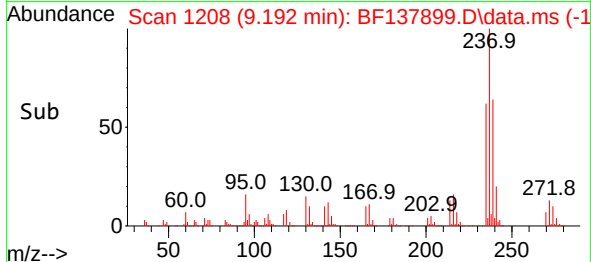
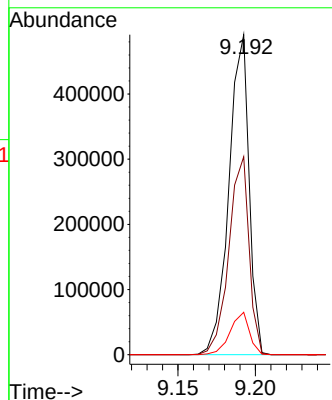
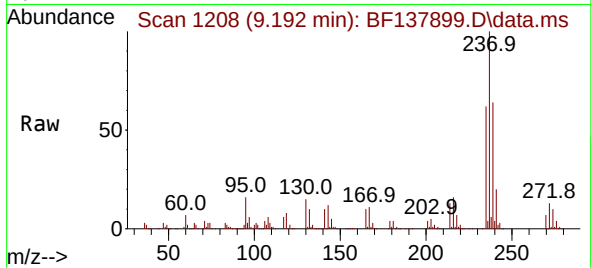




#41
Hexachlorocyclopentadiene
Concen: 127.021 ng
RT: 9.192 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

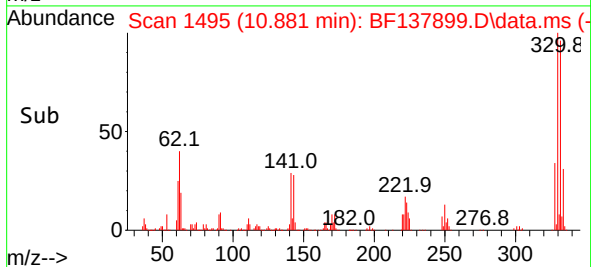
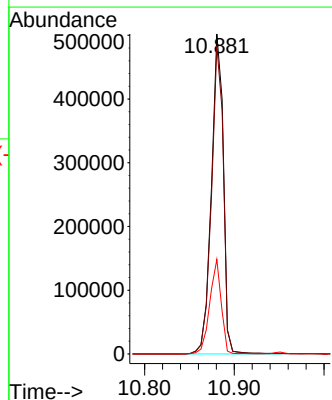
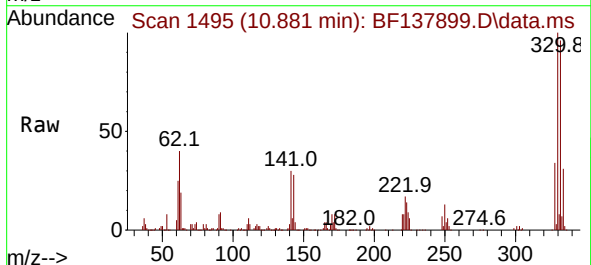
Instrument :
BNA_F
ClientSampleId :
PB160855BS

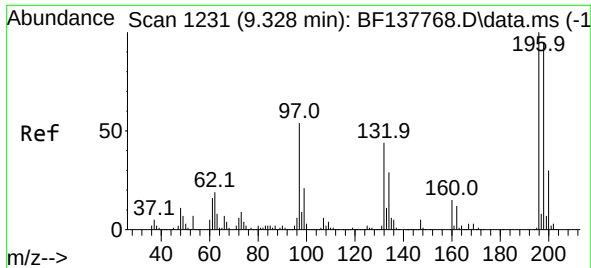
Tgt Ion:237 Resp: 444016
Ion Ratio Lower Upper
237 100
235 61.9 43.0 83.0
272 13.3 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 139.975 ng
RT: 10.881 min Scan# 1495
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

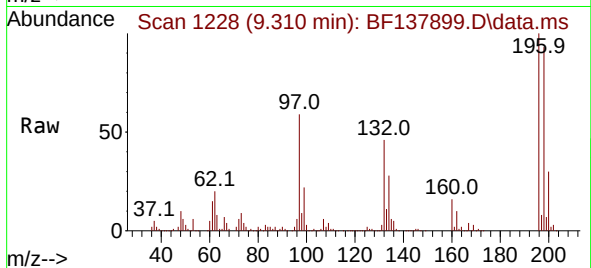
Tgt Ion:330 Resp: 464395
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 28.4 23.8 35.6



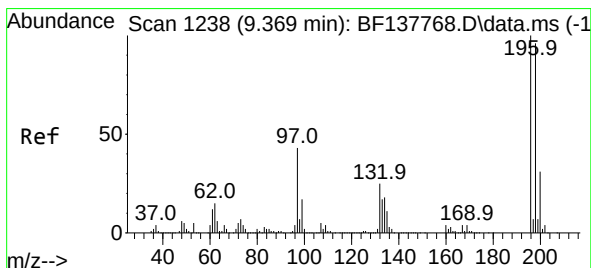
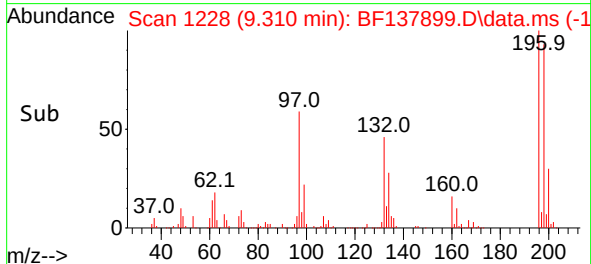
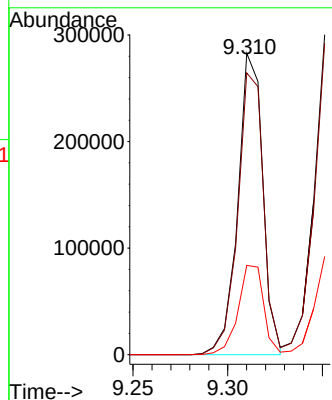


#43
 2,4,6-Trichlorophenol
 Concen: 44.145 ng
 RT: 9.310 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF137899.D
 Acq: 13 May 2024 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB160855BS

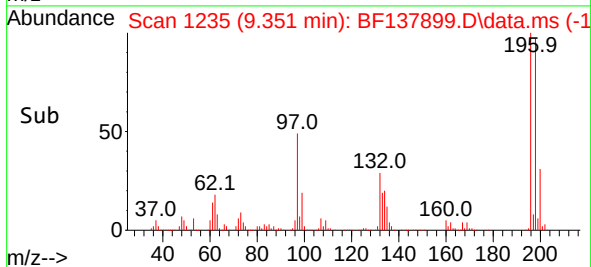
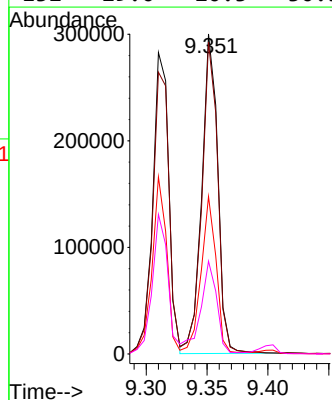
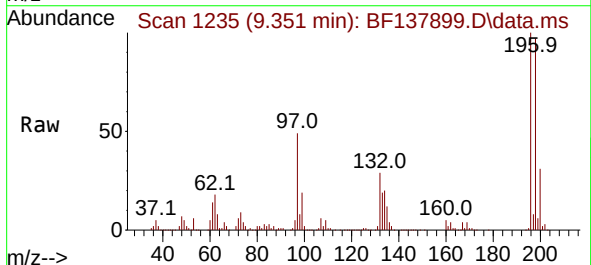


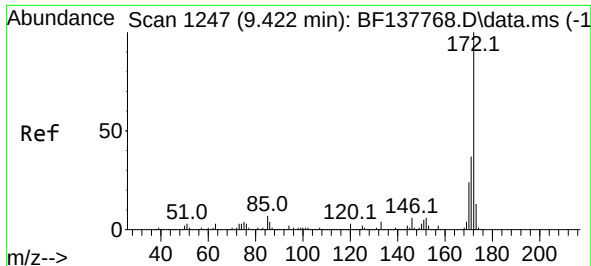
Tgt Ion:196 Resp: 258614
 Ion Ratio Lower Upper
 196 100
 198 93.5 76.2 114.4
 200 29.6 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 42.600 ng
 RT: 9.351 min Scan# 1235
 Delta R.T. -0.018 min
 Lab File: BF137899.D
 Acq: 13 May 2024 13:17

Tgt Ion:196 Resp: 275565
 Ion Ratio Lower Upper
 196 100
 198 97.4 76.6 114.8
 97 49.2 34.5 51.7
 132 29.0 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 86.807 ng

RT: 9.404 min Scan# 1244

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

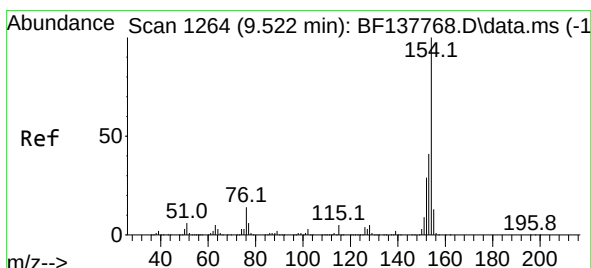
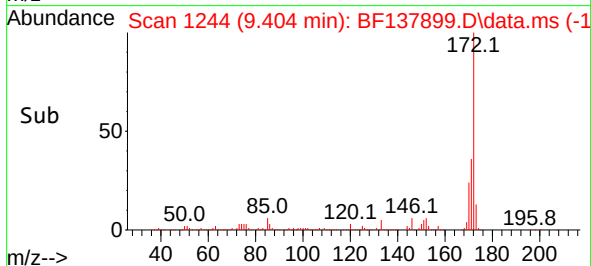
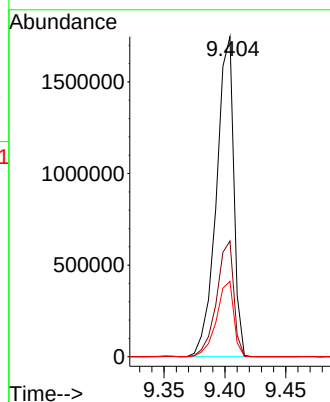
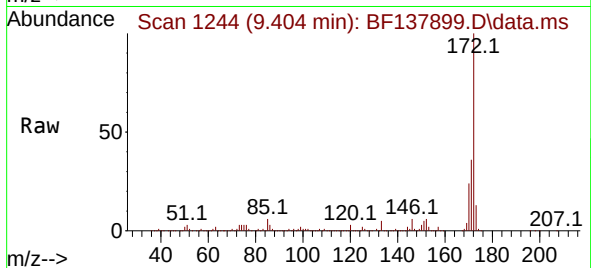
Tgt Ion:172 Resp: 1738633

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

170 23.6 19.4 29.2



#46

1,1'-Biphenyl

Concen: 42.992 ng

RT: 9.504 min Scan# 1261

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

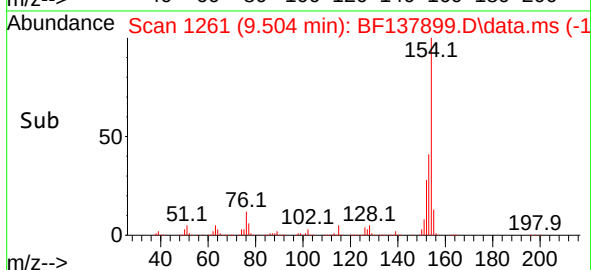
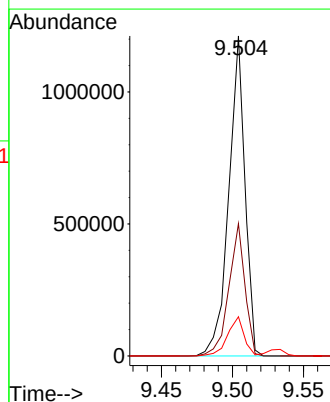
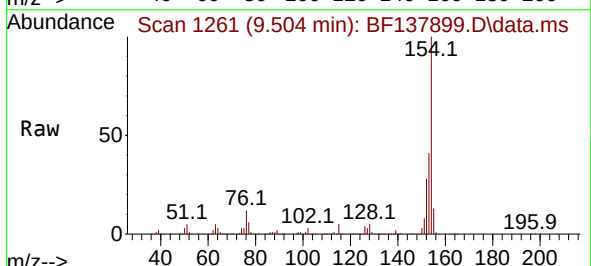
Tgt Ion:154 Resp: 958728

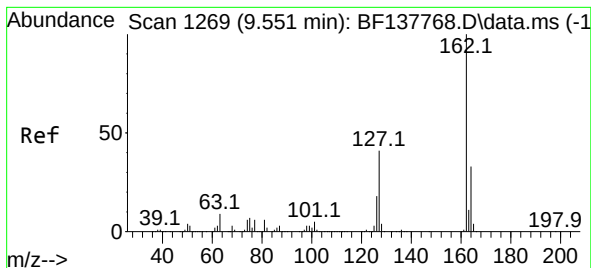
Ion Ratio Lower Upper

154 100

153 41.4 21.4 61.4

76 12.2 0.0 33.5





#47

2-Chloronaphthalene

Concen: 41.911 ng

RT: 9.534 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

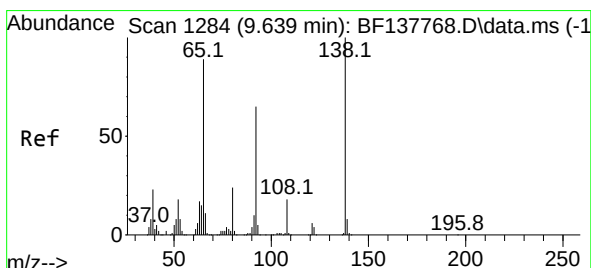
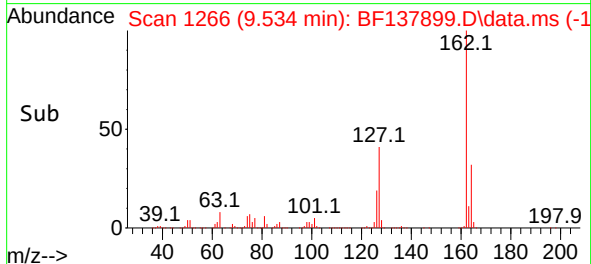
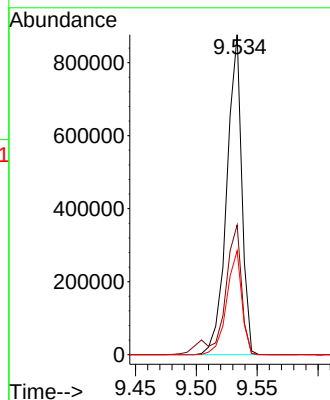
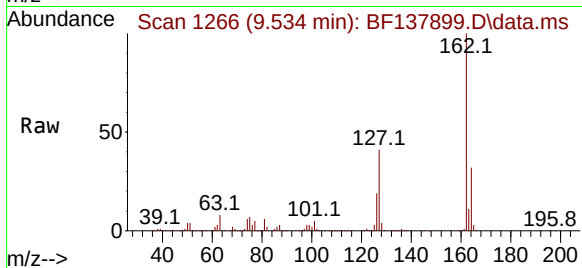
Tgt Ion:162 Resp: 754555

Ion Ratio Lower Upper

162 100

127 40.6 32.6 49.0

164 32.5 26.5 39.7



#48

2-Nitroaniline

Concen: 43.615 ng

RT: 9.622 min Scan# 1281

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

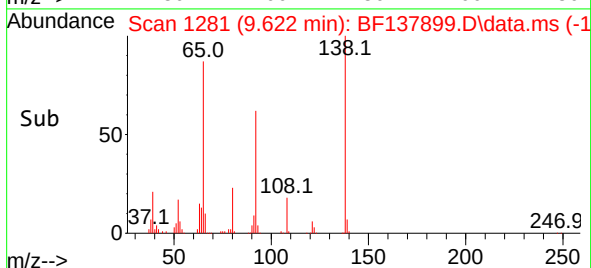
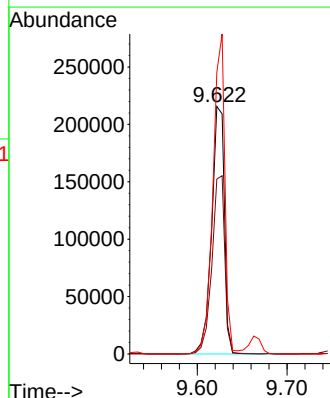
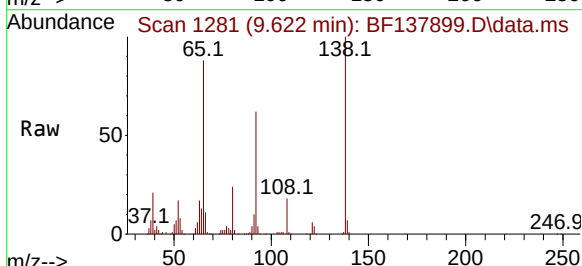
Tgt Ion: 65 Resp: 212962

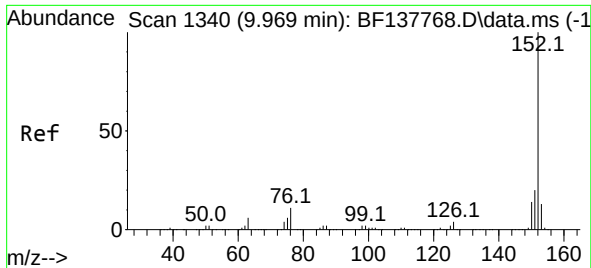
Ion Ratio Lower Upper

65 100

92 70.7 58.6 88.0

138 113.9 90.3 135.5





#49

Acenaphthylene

Concen: 46.447 ng

RT: 9.951 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

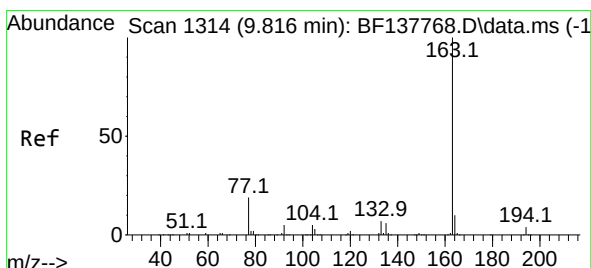
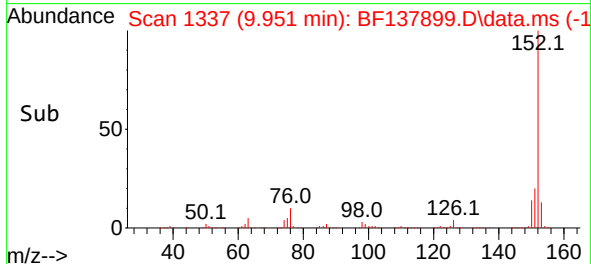
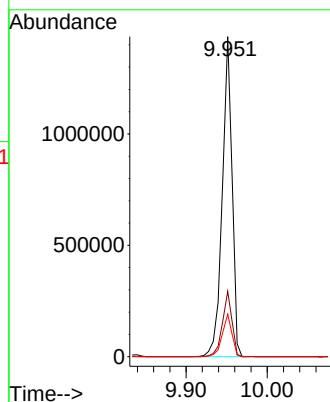
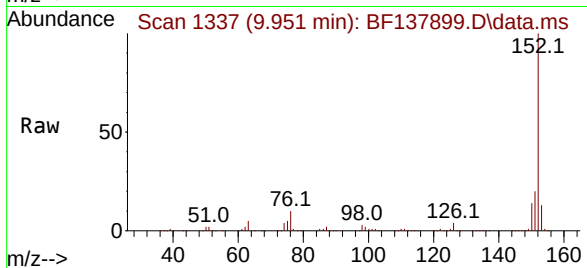
Tgt Ion:152 Resp: 1209665

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 13.3 10.8 16.2



#50

Dimethylphthalate

Concen: 44.839 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

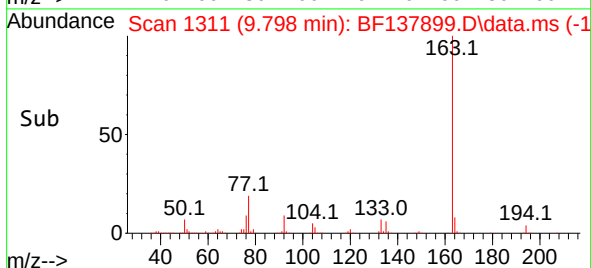
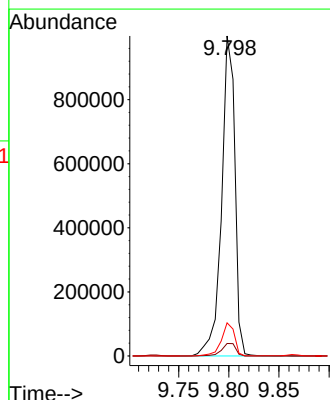
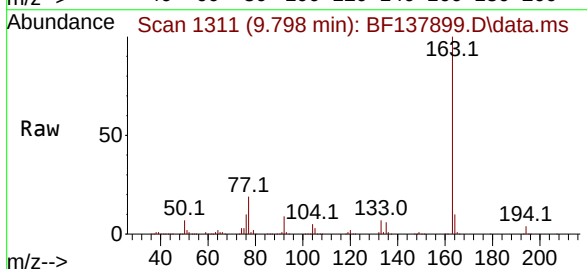
Tgt Ion:163 Resp: 919775

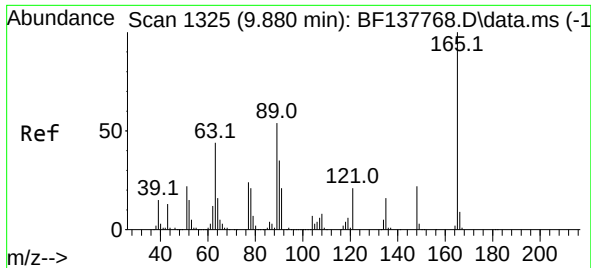
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.3 8.3 12.5

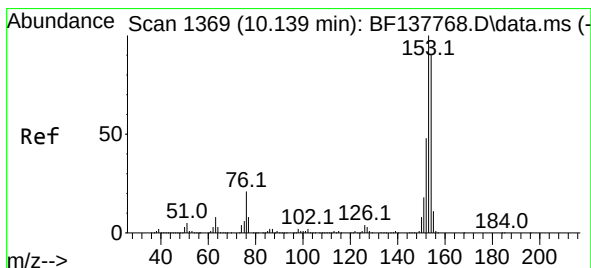
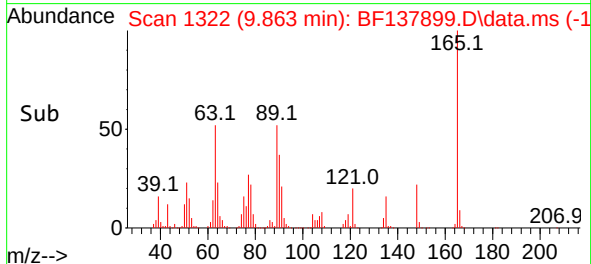
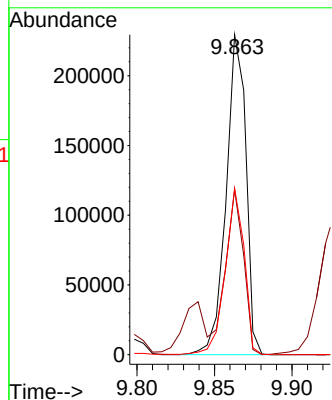
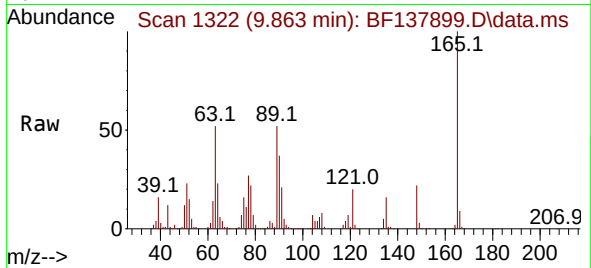




#51
2,6-Dinitrotoluene
Concen: 43.471 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

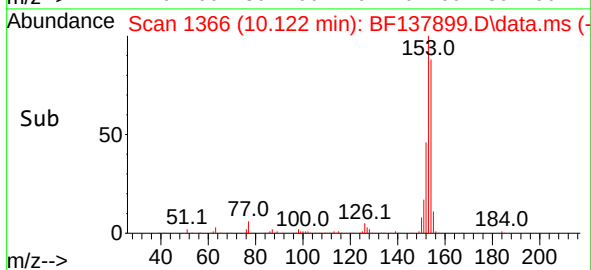
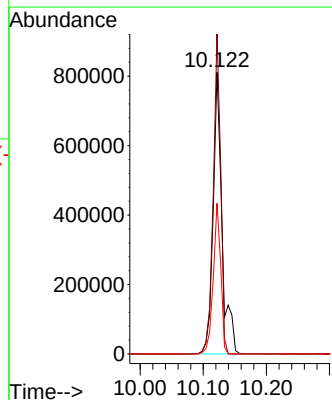
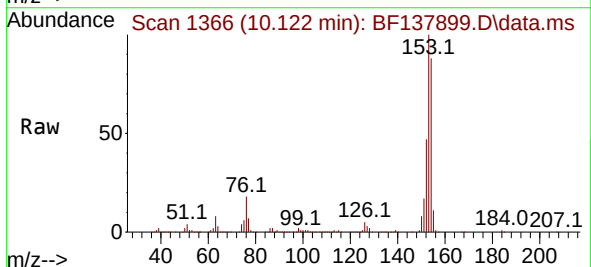
Instrument :
BNA_F
ClientSampleId :
PB160855BS

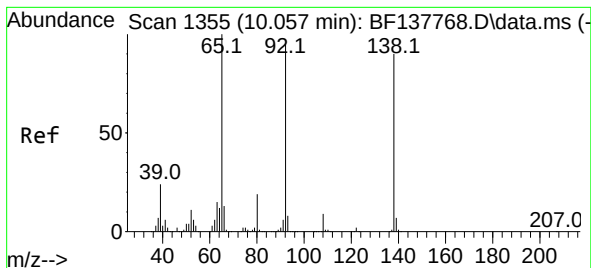
Tgt Ion:165 Resp: 203788
Ion Ratio Lower Upper
165 100
63 51.6 41.9 62.9
89 52.0 43.2 64.8



#52
Acenaphthene
Concen: 46.389 ng
RT: 10.122 min Scan# 1366
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:154 Resp: 800811
Ion Ratio Lower Upper
154 100
153 113.6 88.7 133.1
152 53.5 42.8 64.2

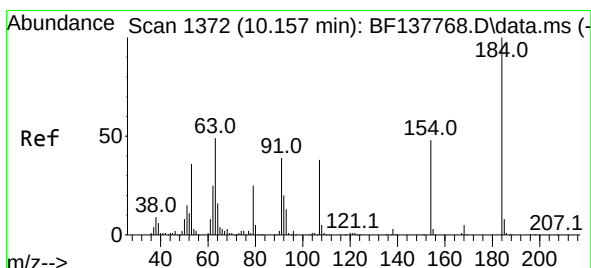
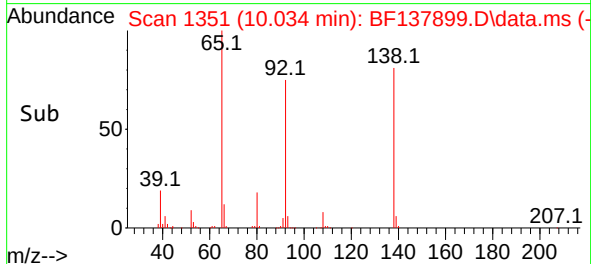
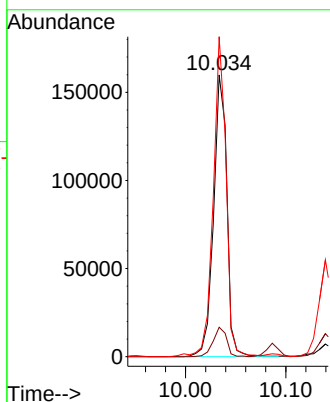
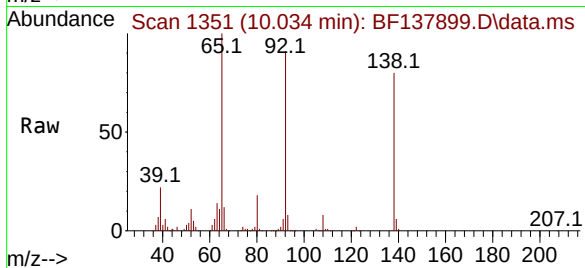




#53
3-Nitroaniline
Concen: 29.988 ng
RT: 10.034 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

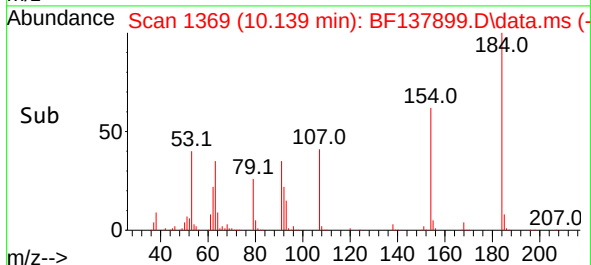
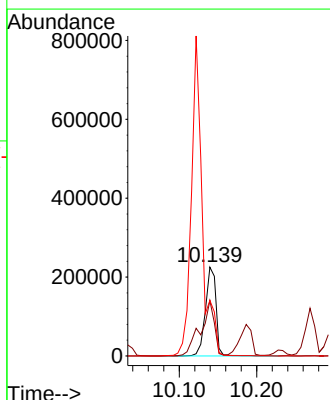
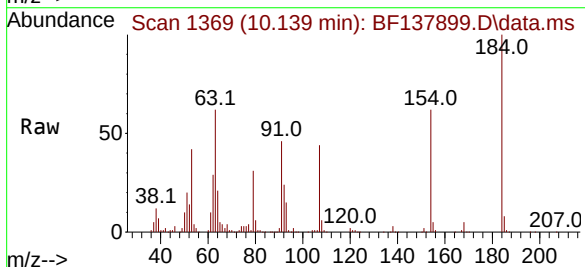
Instrument :
BNA_F
ClientSampleId :
PB160855BS

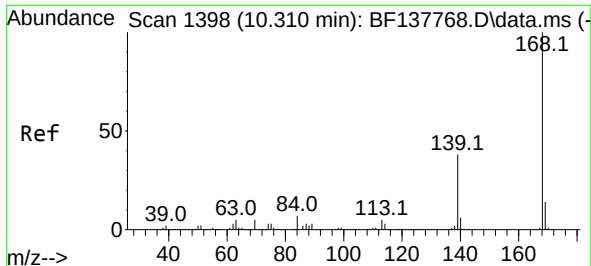
Tgt Ion:138 Resp: 147218
Ion Ratio Lower Upper
138 100
108 10.5 7.8 11.6
92 113.6 84.6 126.8



#54
2,4-Dinitrophenol
Concen: 92.797 ng
RT: 10.139 min Scan# 1369
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:184 Resp: 213750
Ion Ratio Lower Upper
184 100
63 62.3 40.3 60.5#
154 62.5 45.2 67.8

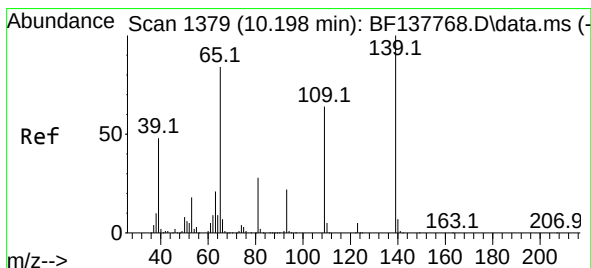
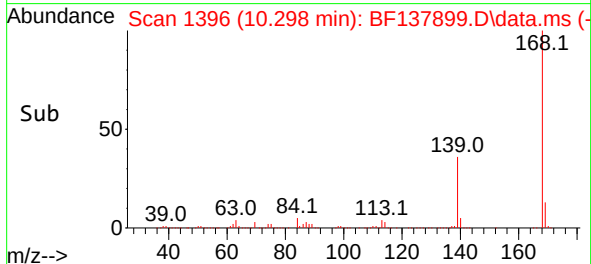
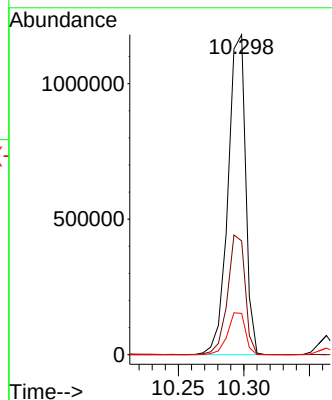
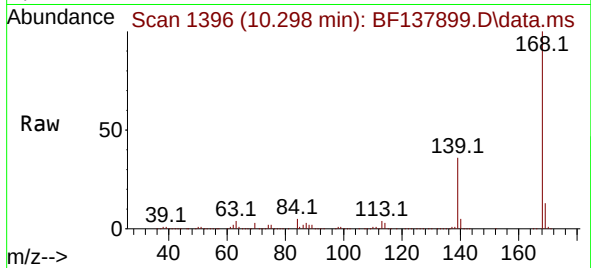




#55
Dibenzenofuran
Concen: 43.832 ng
RT: 10.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

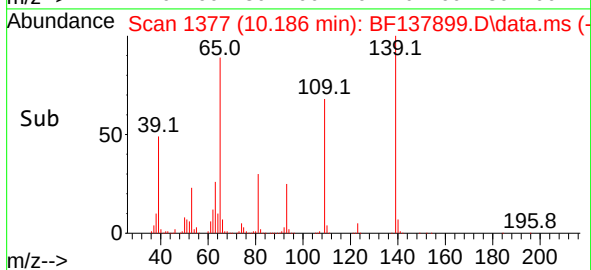
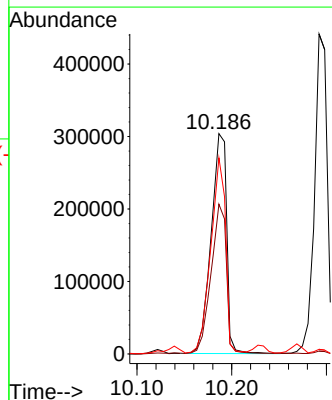
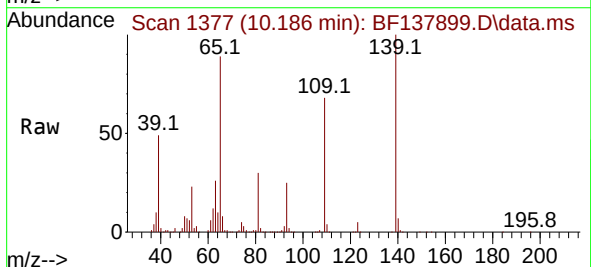
Instrument :
BNA_F
ClientSampleId :
PB160855BS

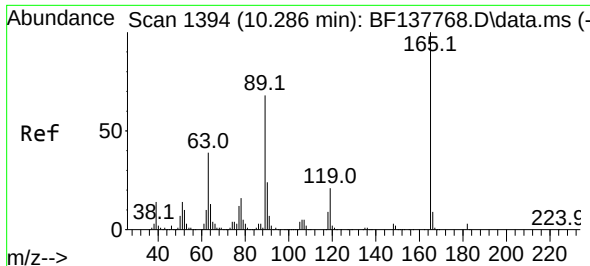
Tgt Ion:168 Resp: 1101124
Ion Ratio Lower Upper
168 100
139 35.6 30.2 45.4
169 12.9 11.4 17.0



#56
4-Nitrophenol
Concen: 85.521 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.012 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:139 Resp: 347964
Ion Ratio Lower Upper
139 100
109 68.0 44.0 84.0
65 89.0 64.3 104.3

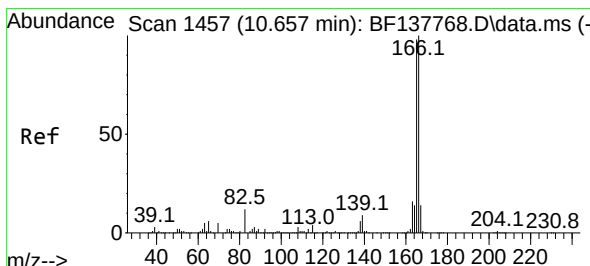
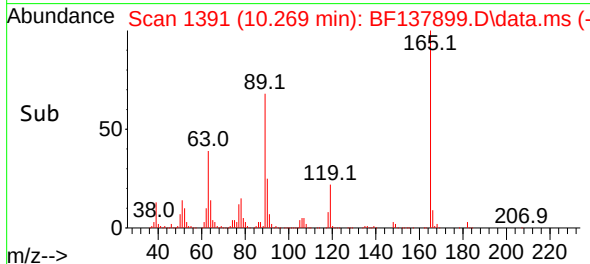
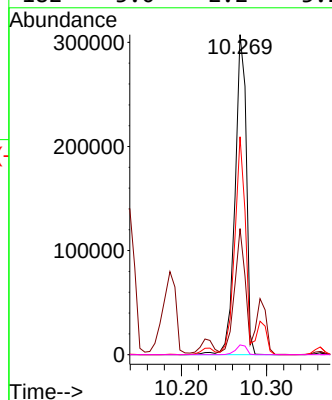
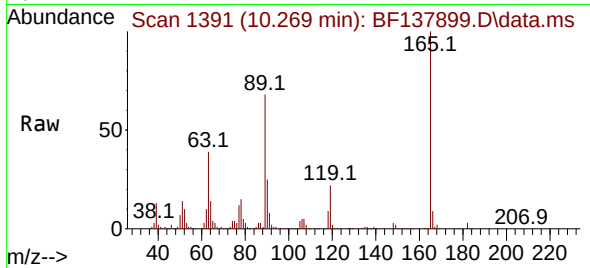




#57
2,4-Dinitrotoluene
Concen: 46.250 ng
RT: 10.269 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

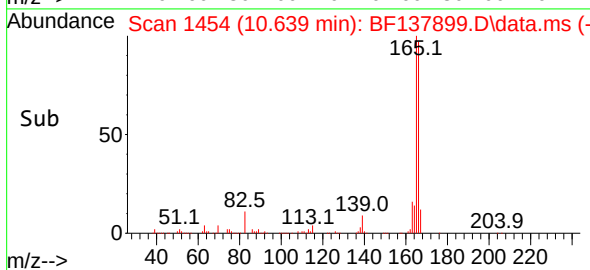
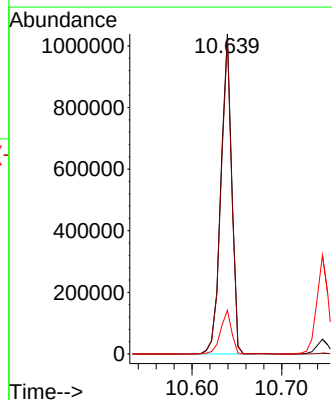
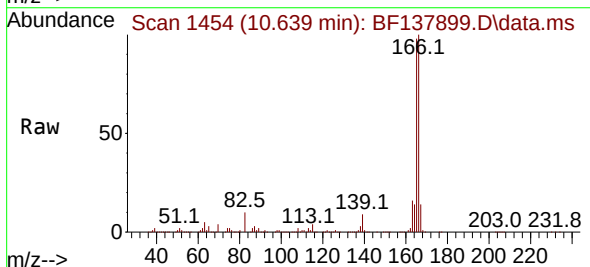
Instrument :
BNA_F
ClientSampleId :
PB160855BS

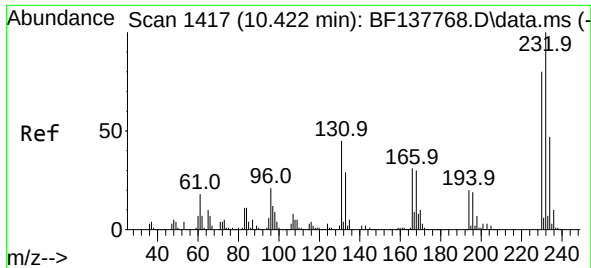
Tgt Ion:165 Resp: 283255
Ion Ratio Lower Upper
165 100
63 39.4 31.3 46.9
89 68.1 54.2 81.4
182 3.0 2.2 3.2



#58
Fluorene
Concen: 43.589 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:166 Resp: 871484
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.2
167 13.6 10.9 16.3

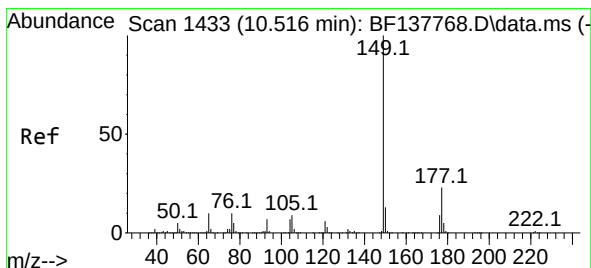
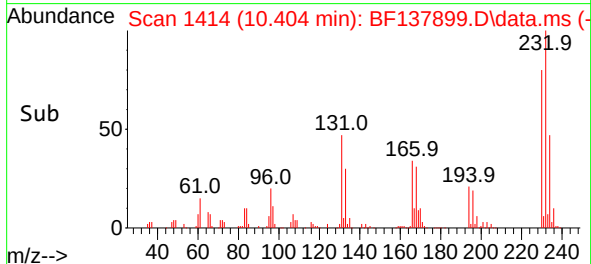
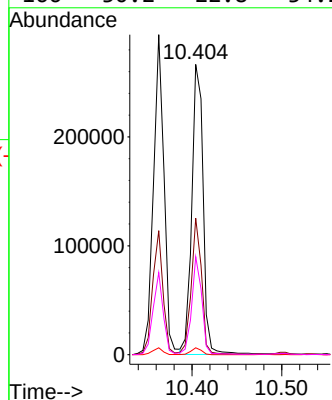
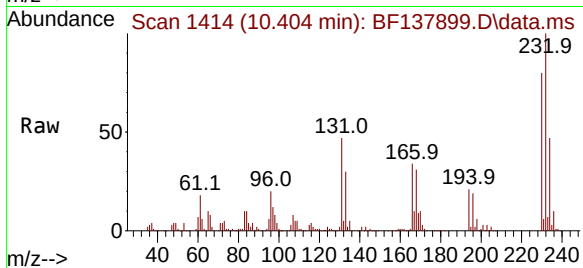




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.573 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

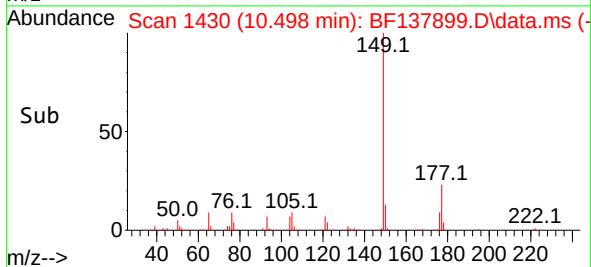
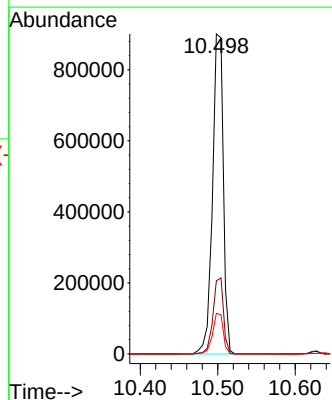
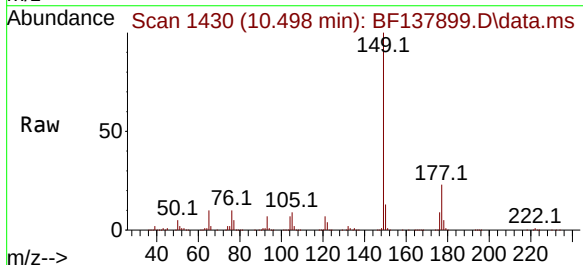
Instrument :
BNA_F
ClientSampleId :
PB160855BS

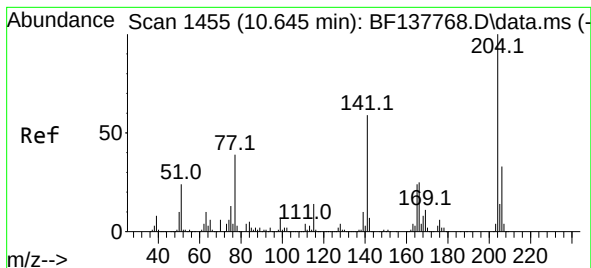
Tgt Ion:232 Resp: 234083
Ion Ratio Lower Upper
232 100
131 42.7 33.4 50.0
130 2.2 1.7 2.5
166 30.2 22.8 34.2



#60
Diethylphthalate
Concen: 44.918 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:149 Resp: 875091
Ion Ratio Lower Upper
149 100
177 22.8 18.4 27.6
150 12.7 10.5 15.7

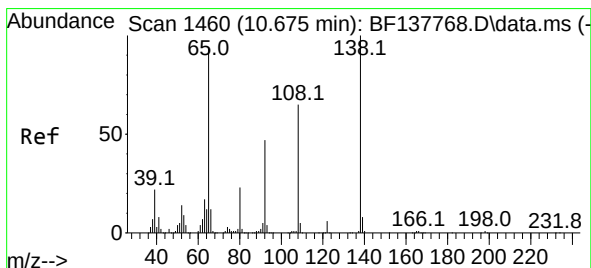
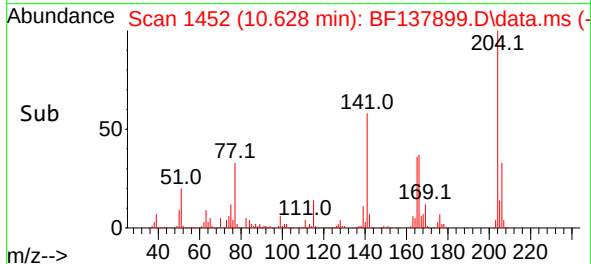
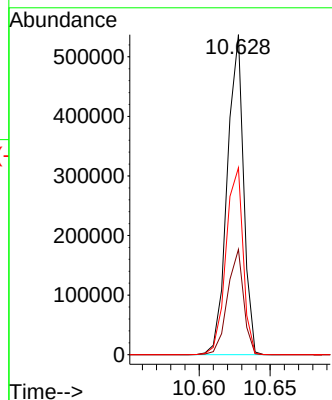
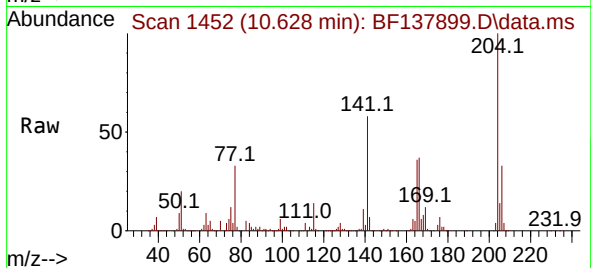




#61
4-Chlorophenyl-phenylether
Concen: 43.411 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

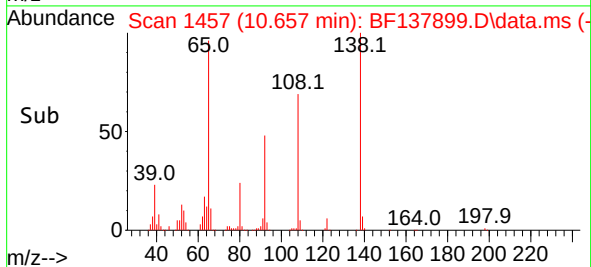
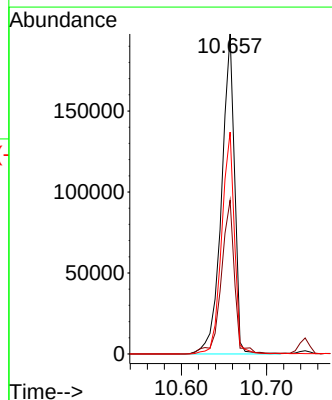
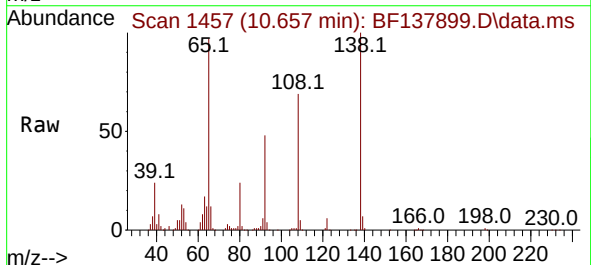
Instrument :
BNA_F
ClientSampleId :
PB160855BS

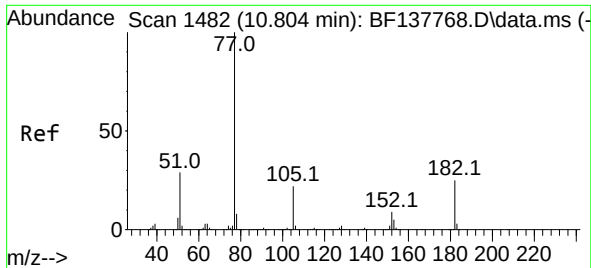
Tgt Ion:204 Resp: 427647
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 58.4 47.0 70.6



#62
4-Nitroaniline
Concen: 42.218 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:138 Resp: 210221
Ion Ratio Lower Upper
138 100
92 48.1 26.8 66.8
108 69.4 44.7 84.7

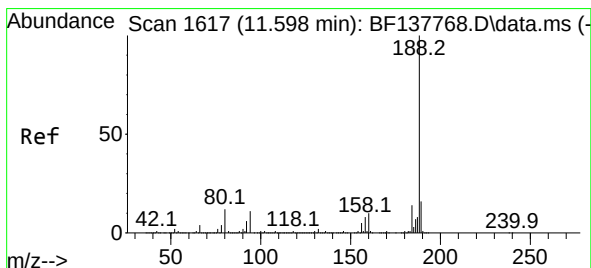
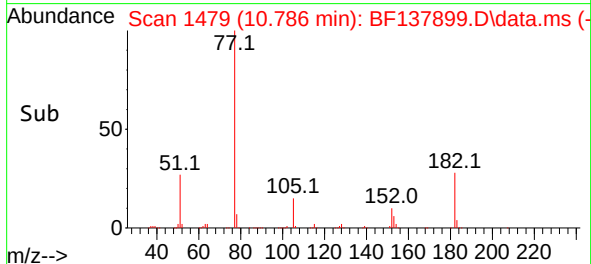
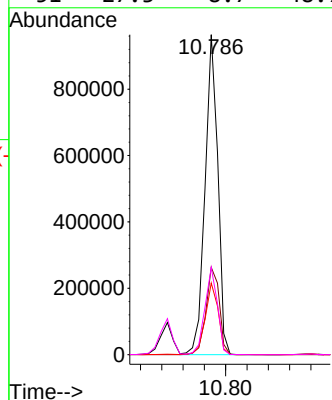
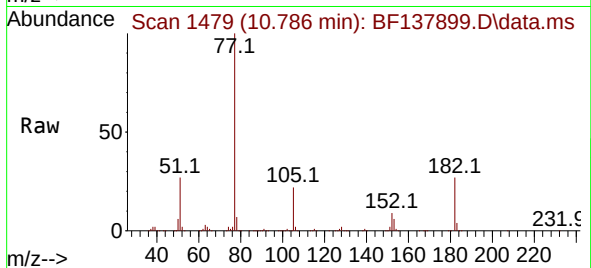




#63
Azobenzene
Concen: 42.592 ng
RT: 10.786 min Scan# 1482
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

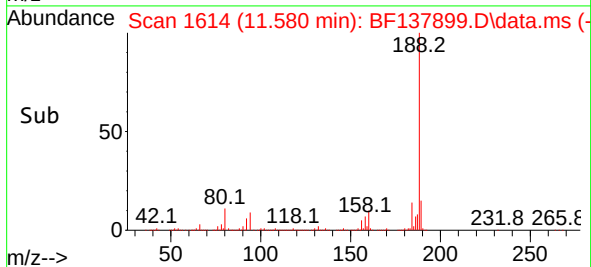
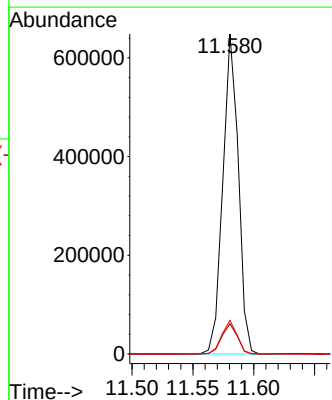
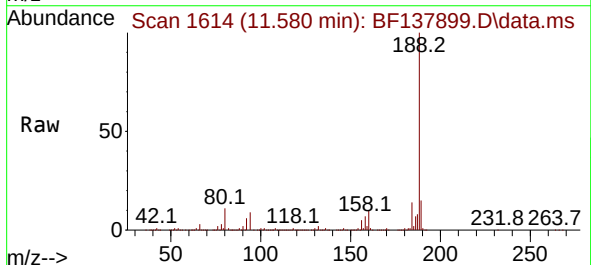
Instrument :
BNA_F
ClientSampleId :
PB160855BS

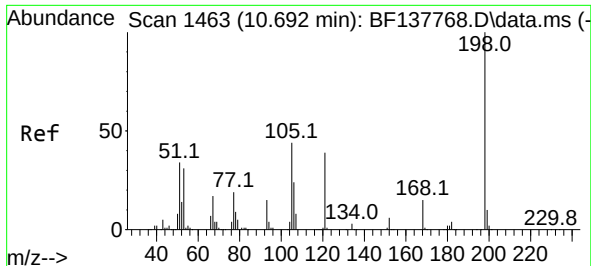
Tgt Ion: 77	Resp: 801990
Ion Ratio	Lower Upper
77 100	
182 27.3	5.1 45.1
105 22.4	2.2 42.2
51 27.3	8.7 48.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.580 min Scan# 1614
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:188	Resp: 574496
Ion Ratio	Lower Upper
188 100	
94 9.4	8.8 13.2
80 10.5	9.6 14.4

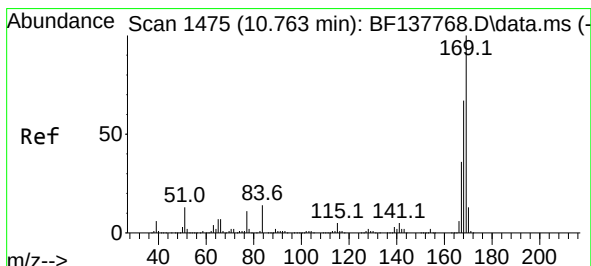
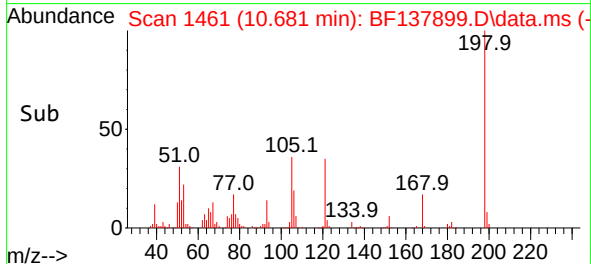
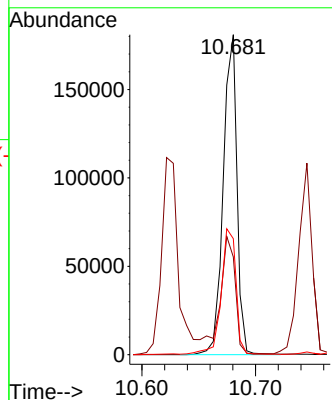
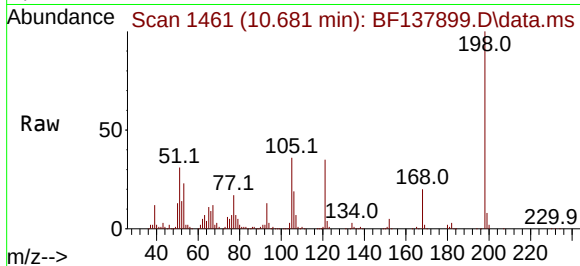




#65
4,6-Dinitro-2-methylphenol
Concen: 46.369 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.011 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

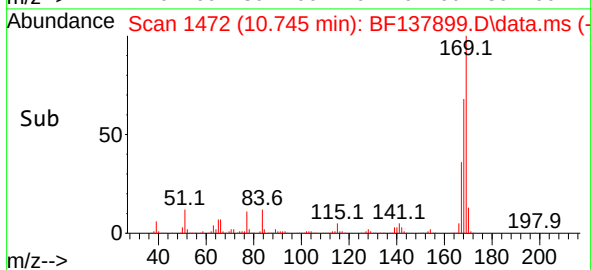
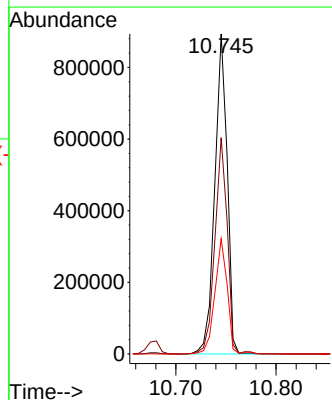
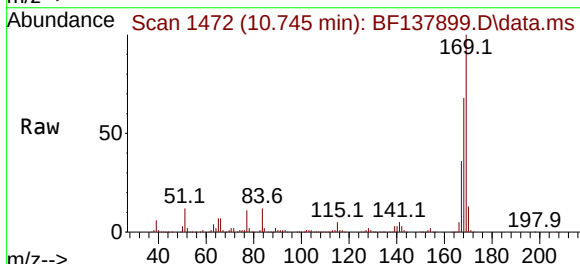
Instrument :
BNA_F
ClientSampleId :
PB160855BS

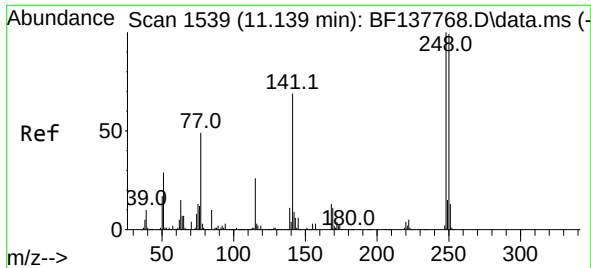
Tgt Ion:198 Resp: 152897
Ion Ratio Lower Upper
198 100
51 30.6 25.1 65.1
105 36.3 24.1 64.1



#66
n-Nitrosodiphenylamine
Concen: 44.573 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:169 Resp: 766510
Ion Ratio Lower Upper
169 100
168 67.6 53.3 79.9
167 36.0 29.2 43.8

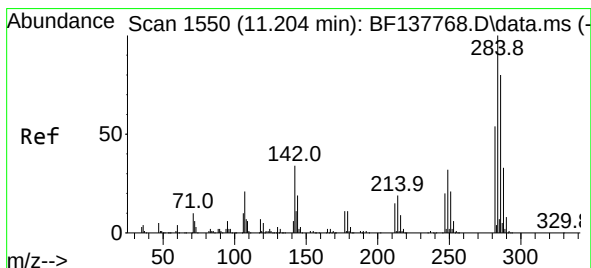
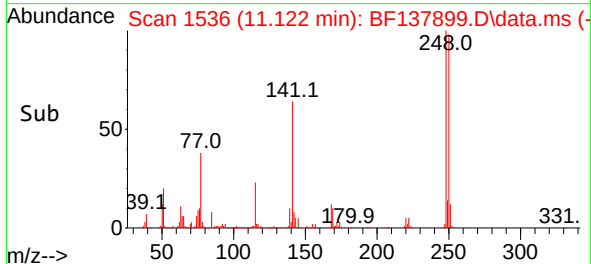
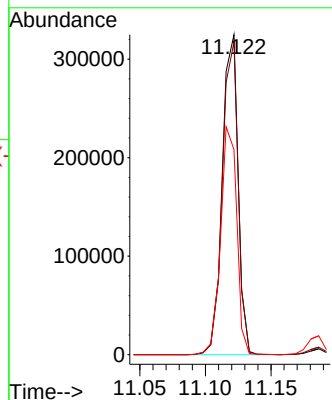
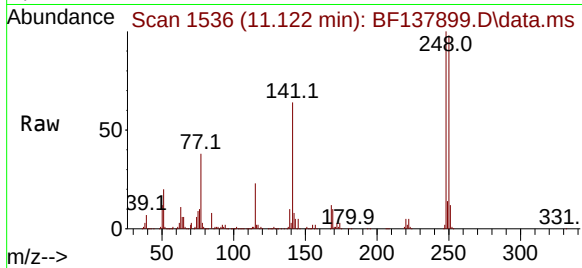




#67
4-Bromophenyl-phenylether
Concen: 44.286 ng
RT: 11.122 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

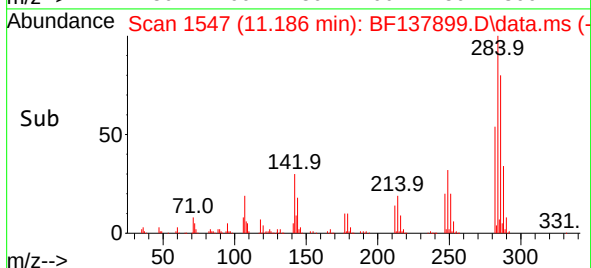
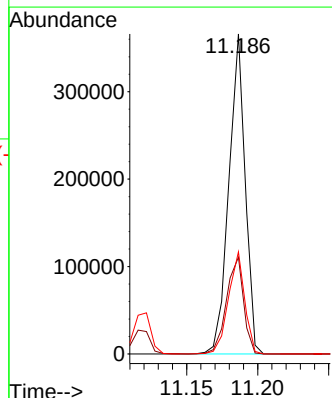
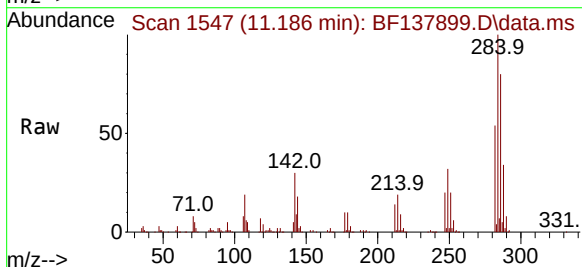
Instrument :
BNA_F
ClientSampleId :
PB160855BS

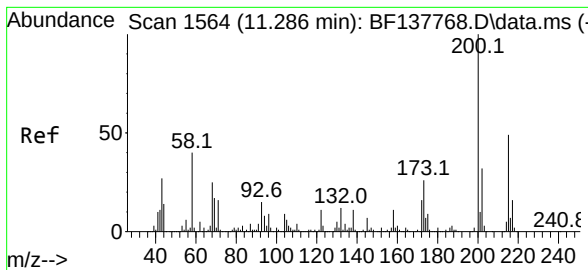
Tgt Ion:248 Resp: 272285
Ion Ratio Lower Upper
248 100
250 97.7 79.1 118.7
141 64.1 55.4 83.2



#68
Hexachlorobenzene
Concen: 43.611 ng
RT: 11.186 min Scan# 1547
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:284 Resp: 293020
Ion Ratio Lower Upper
284 100
142 30.2 27.3 40.9
249 31.9 25.6 38.4

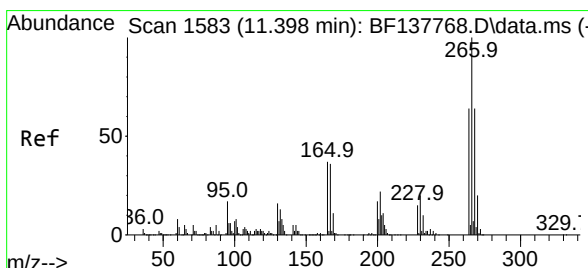
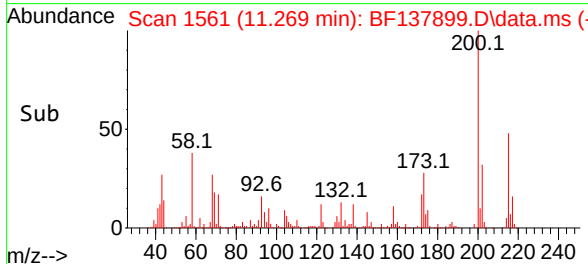
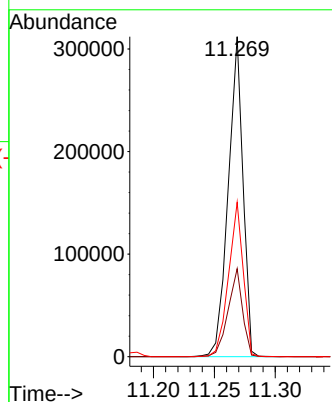
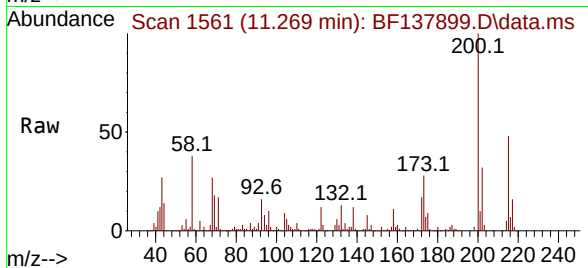




#69
 Atrazine
 Concen: 50.364 ng
 RT: 11.269 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF137899.D
 Acq: 13 May 2024 13:17

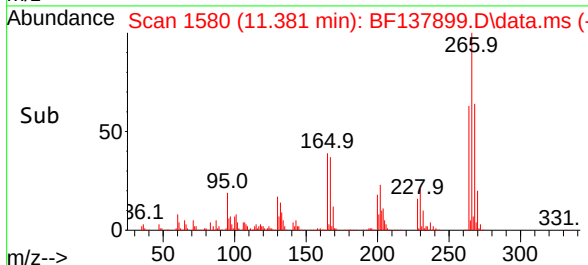
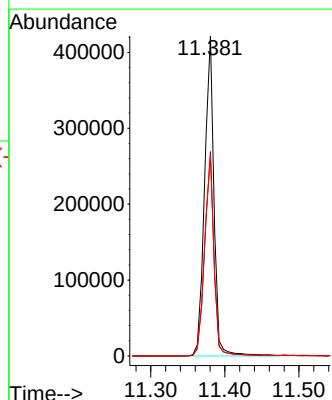
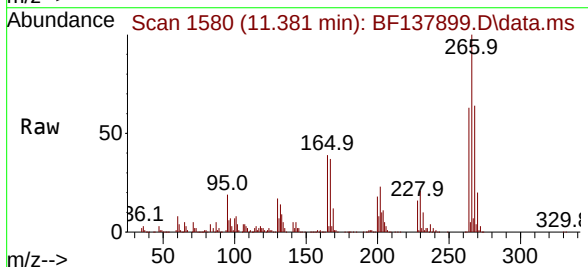
Instrument :
 BNA_F
 ClientSampleId :
 PB160855BS

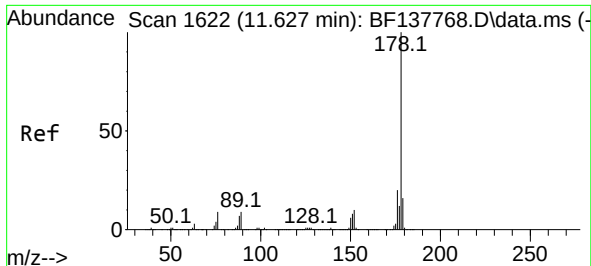
Tgt Ion:200 Resp: 264084
 Ion Ratio Lower Upper
 200 100
 173 27.5 5.9 45.9
 215 48.3 28.8 68.8



#70
 Pentachlorophenol
 Concen: 80.726 ng
 RT: 11.381 min Scan# 1580
 Delta R.T. -0.018 min
 Lab File: BF137899.D
 Acq: 13 May 2024 13:17

Tgt Ion:266 Resp: 372378
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.3 76.9
 264 62.7 51.0 76.4

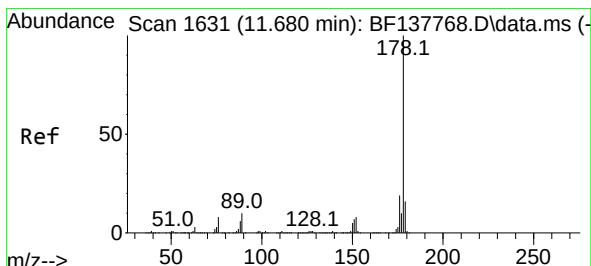
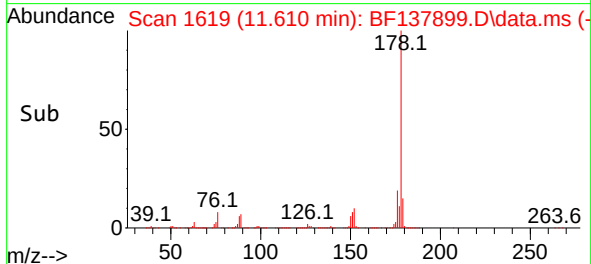
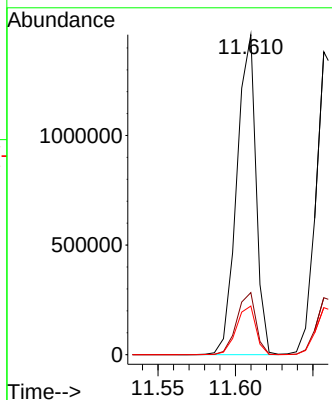
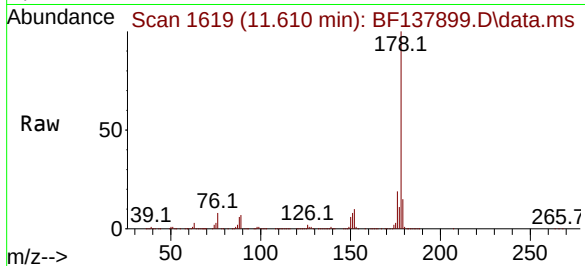




#71
Phenanthrene
Concen: 44.885 ng
RT: 11.610 min Scan# 1619
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

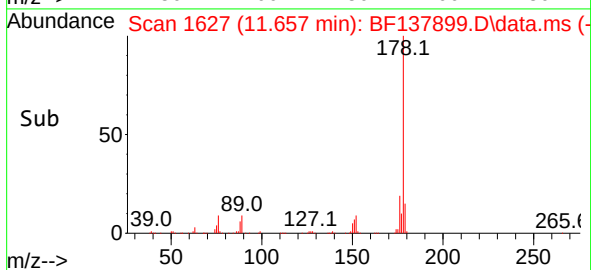
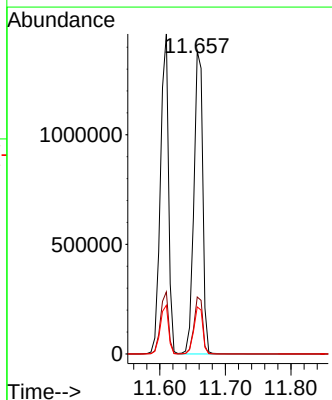
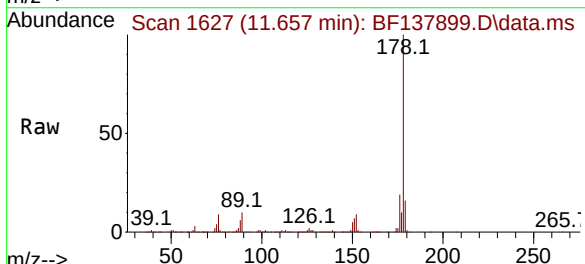
Instrument :
BNA_F
ClientSampleId :
PB160855BS

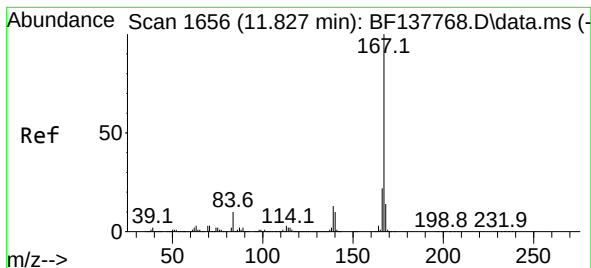
Tgt Ion:178 Resp: 1256865
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.2 12.5 18.7



#72
Anthracene
Concen: 46.569 ng
RT: 11.657 min Scan# 1627
Delta R.T. -0.023 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:178 Resp: 1297488
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.6 12.6 18.8





#73

Carbazole

Concen: 43.962 ng

RT: 11.810 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

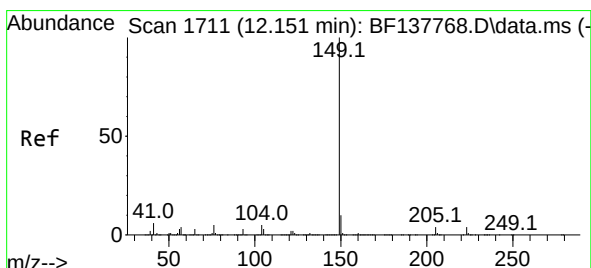
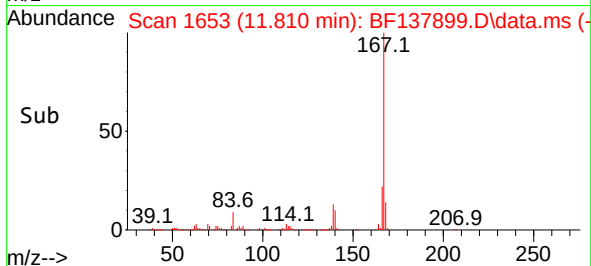
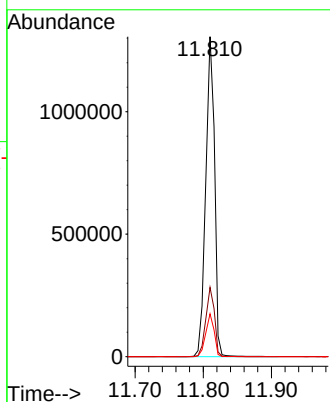
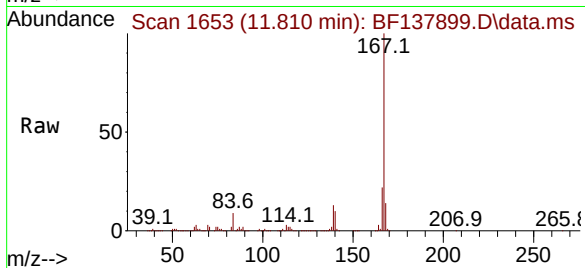
Tgt Ion:167 Resp: 1180446

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

139 13.4 10.5 15.7



#74

Di-n-butylphthalate

Concen: 46.700 ng

RT: 12.128 min Scan# 1707

Delta R.T. -0.023 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

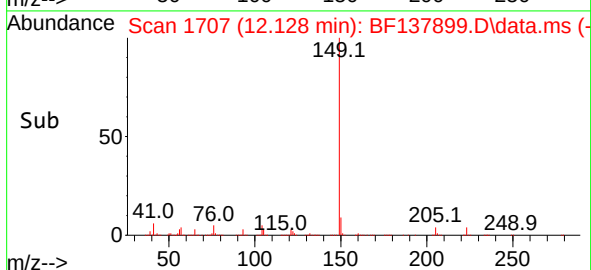
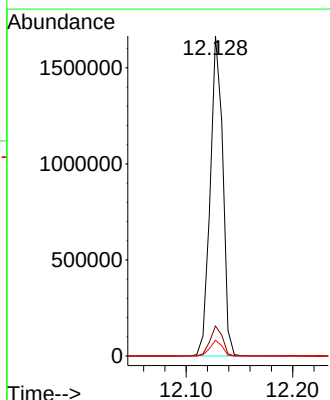
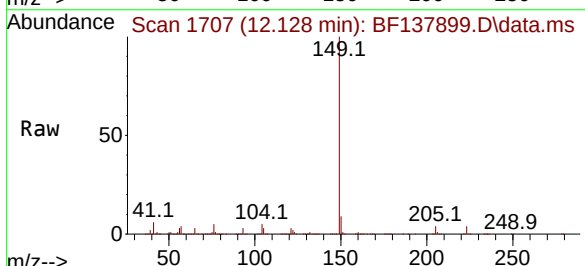
Tgt Ion:149 Resp: 1367870

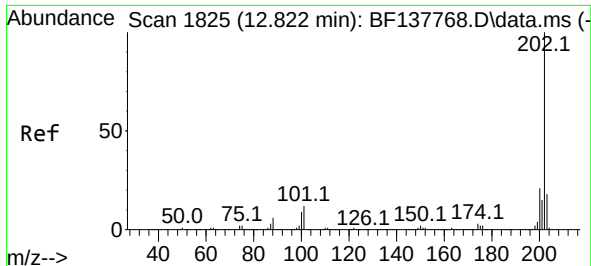
Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

104 4.9 3.8 5.8

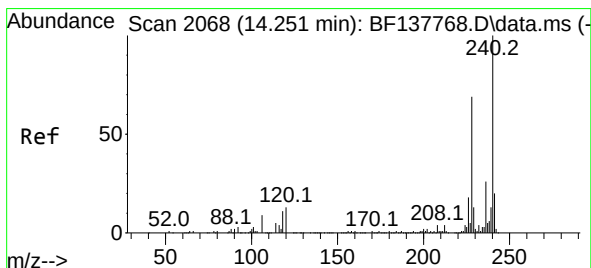
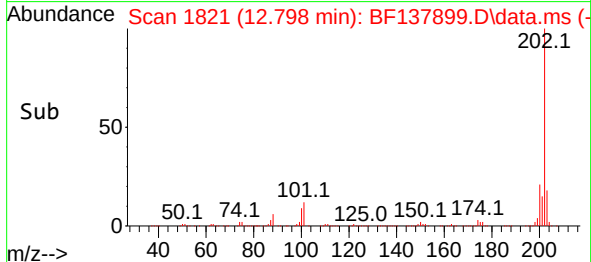
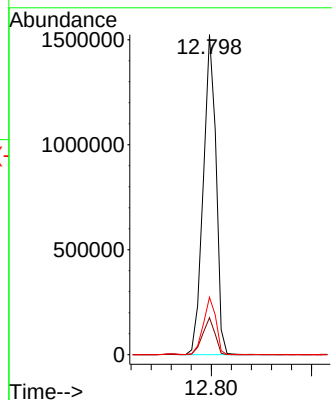
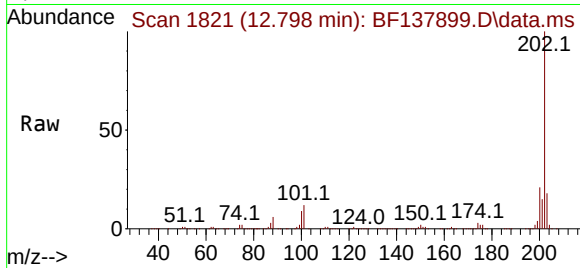




#75
Fluoranthene
Concen: 44.123 ng
RT: 12.798 min Scan# 1825
Delta R.T. -0.023 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

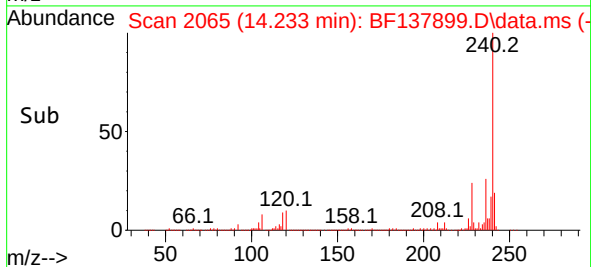
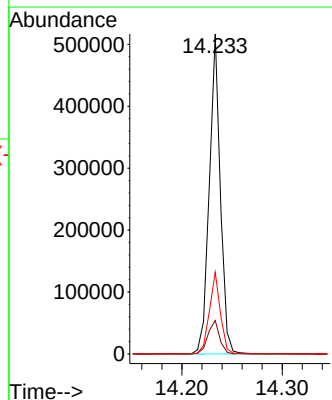
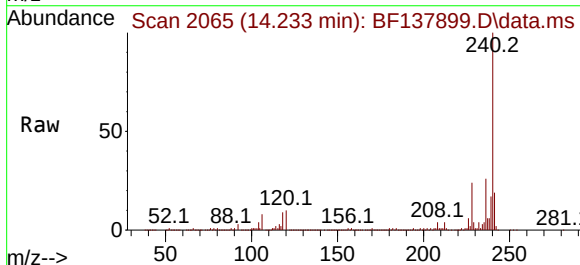
Instrument :
BNA_F
ClientSampleId :
PB160855BS

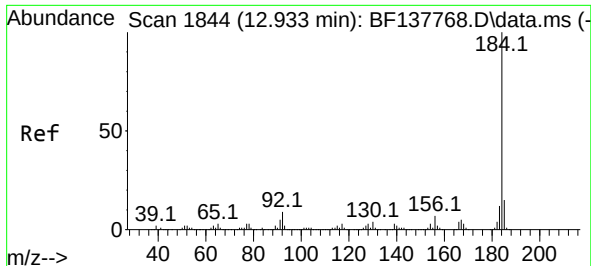
Tgt Ion:202 Resp: 1350558
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.8
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:240 Resp: 396812
Ion Ratio Lower Upper
240 100
120 10.5 10.4 15.6
236 25.5 20.4 30.6

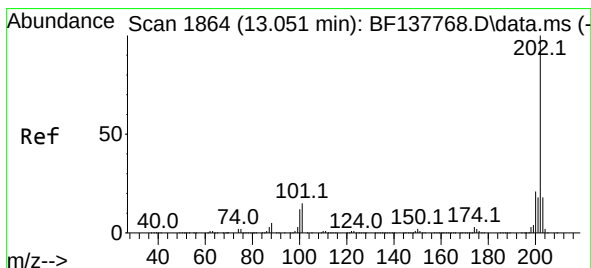
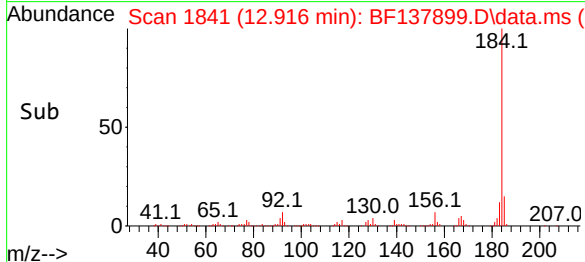
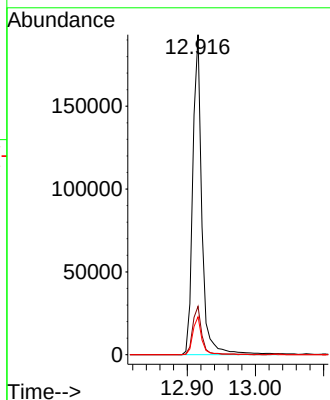
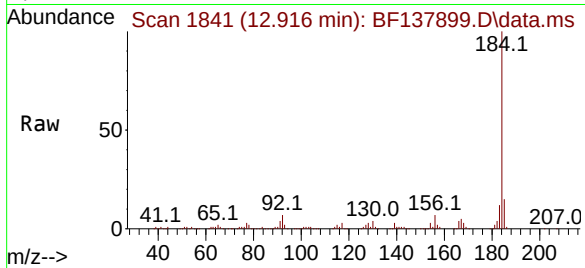




#77
Benzidine
Concen: 19.461 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

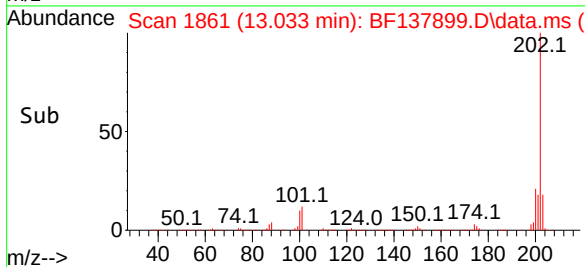
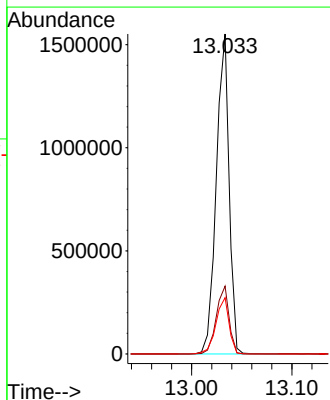
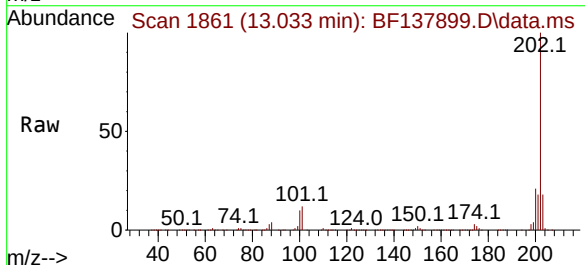
Instrument :
BNA_F
ClientSampleId :
PB160855BS

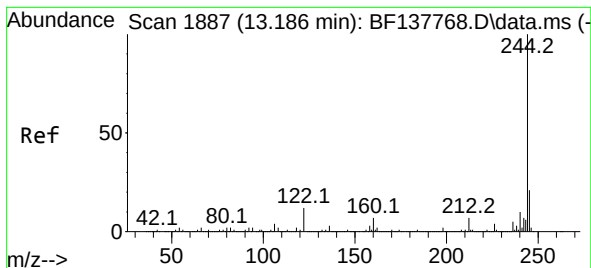
Tgt Ion:184 Resp: 178597
Ion Ratio Lower Upper
184 100
185 15.1 12.3 18.5
183 11.9 9.2 13.8



#78
Pyrene
Concen: 43.671 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.018 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:202 Resp: 1373997
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 90.979 ng

RT: 13.169 min Scan# 1884

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

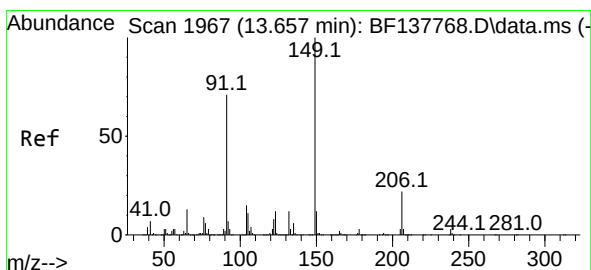
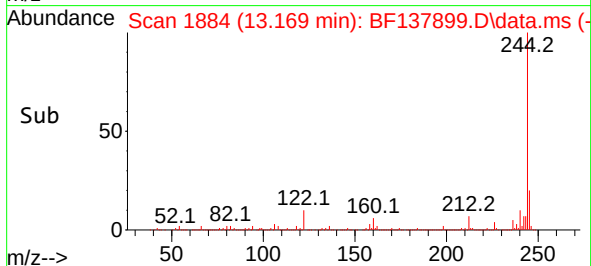
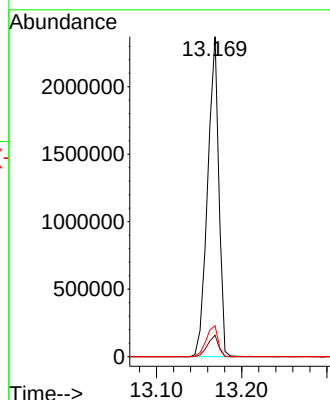
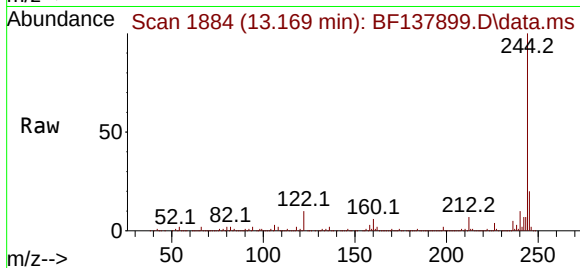
Tgt Ion:244 Resp: 2154209

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 9.7 9.4 14.2



#80

Butylbenzylphthalate

Concen: 52.586 ng

RT: 13.639 min Scan# 1964

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

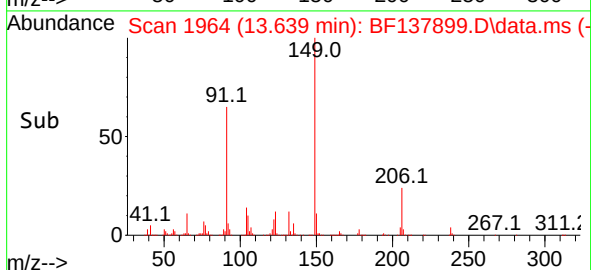
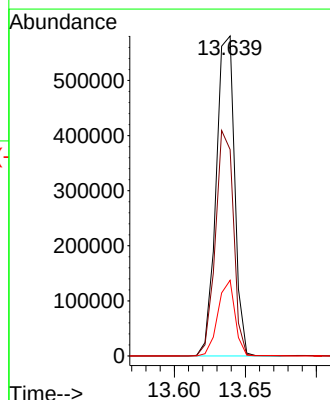
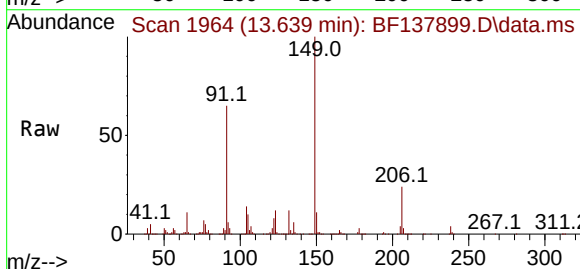
Tgt Ion:149 Resp: 524935

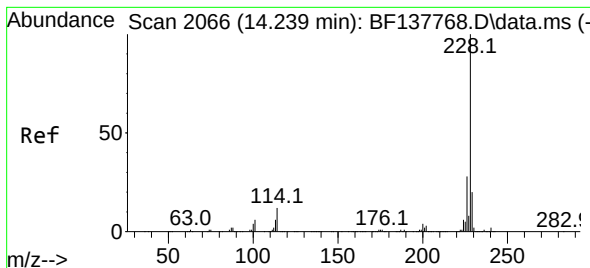
Ion Ratio Lower Upper

149 100

91 64.5 56.8 85.2

206 23.7 17.8 26.8





#81

Benzo(a)anthracene

Concen: 46.028 ng

RT: 14.221 min Scan# 2066

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

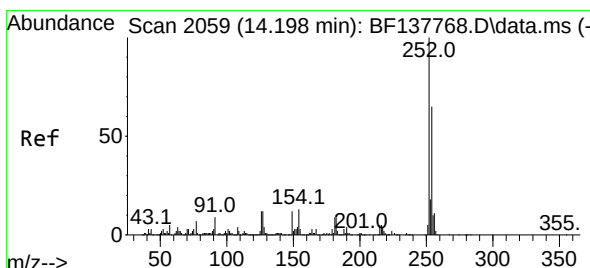
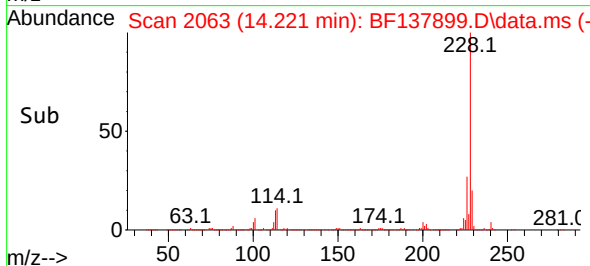
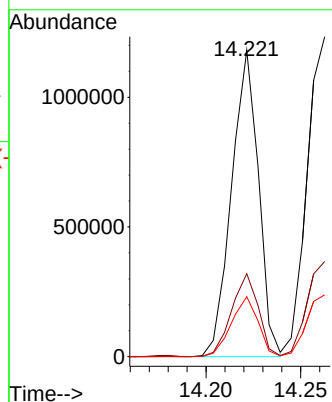
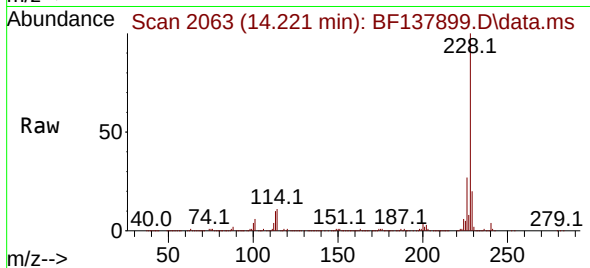
Tgt Ion:228 Resp: 1168171

Ion Ratio Lower Upper

228 100

226 27.1 22.2 33.2

229 19.6 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 30.776 ng

RT: 14.180 min Scan# 2056

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

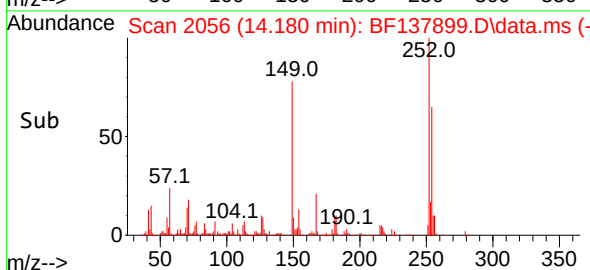
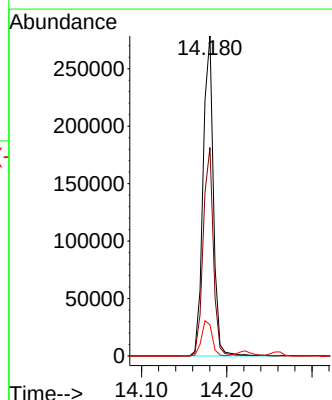
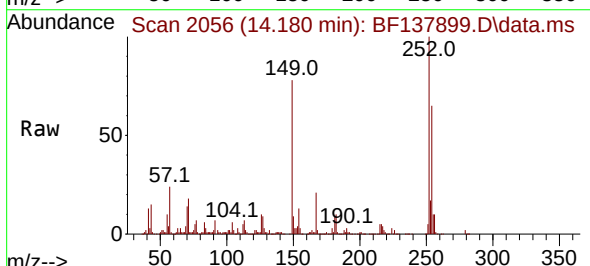
Tgt Ion:252 Resp: 233833

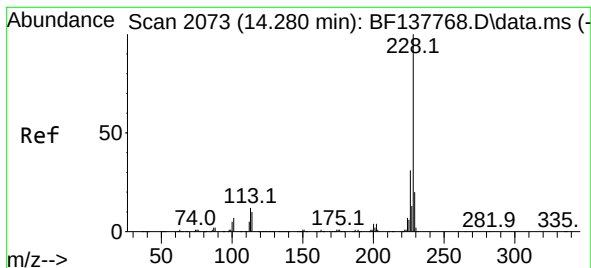
Ion Ratio Lower Upper

252 100

254 65.1 51.7 77.5

126 9.8 9.7 14.5





#83

Chrysene

Concen: 46.551 ng

RT: 14.263 min Scan# 2070

Delta R.T. -0.018 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

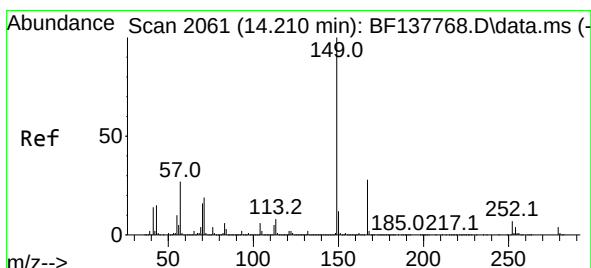
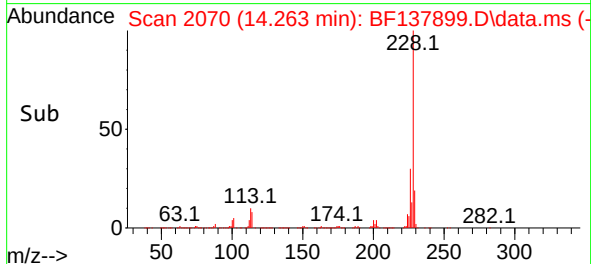
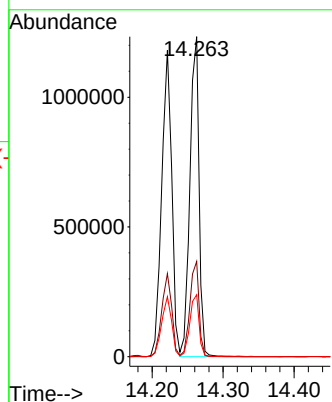
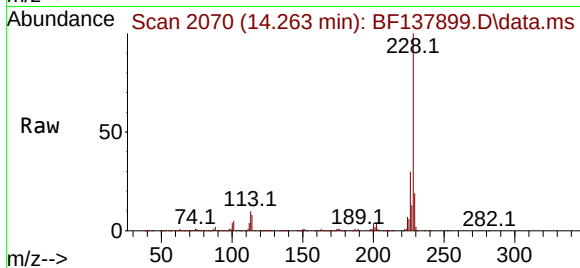
Tgt Ion:228 Resp: 1106233

Ion Ratio Lower Upper

228 100

226 29.8 24.8 37.2

229 19.3 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.056 ng

RT: 14.186 min Scan# 2057

Delta R.T. -0.023 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

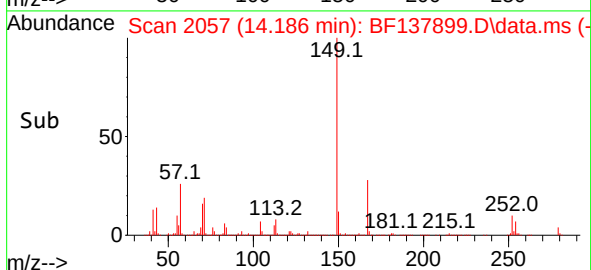
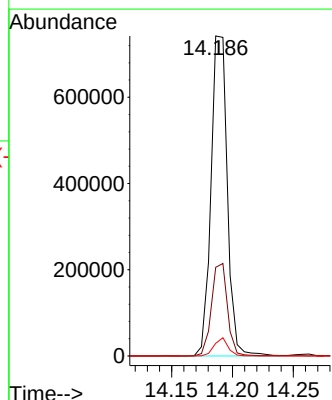
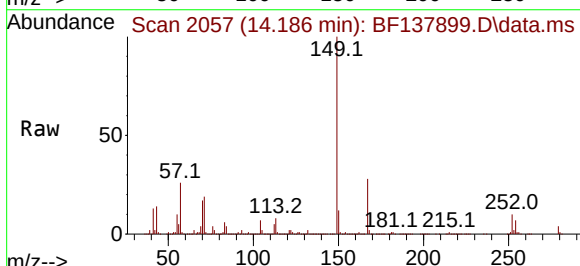
Tgt Ion:149 Resp: 692649

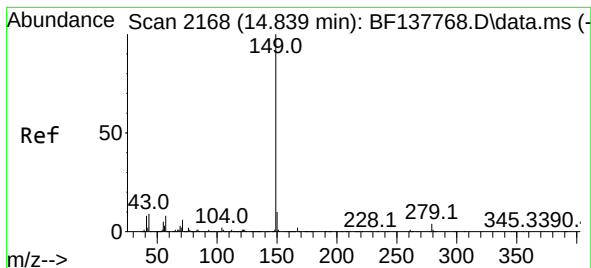
Ion Ratio Lower Upper

149 100

167 27.7 22.4 33.6

279 3.9 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 59.741 ng

RT: 14.816 min Scan# 2164

Delta R.T. -0.023 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

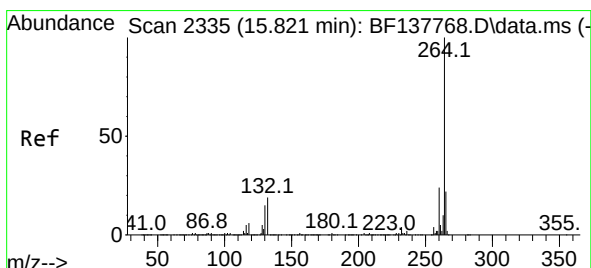
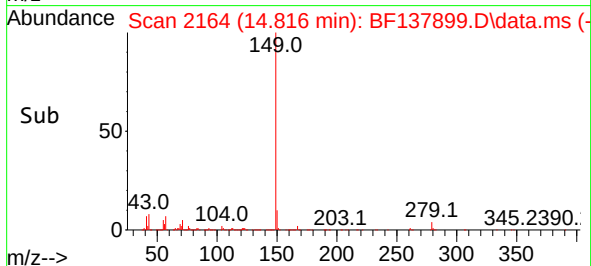
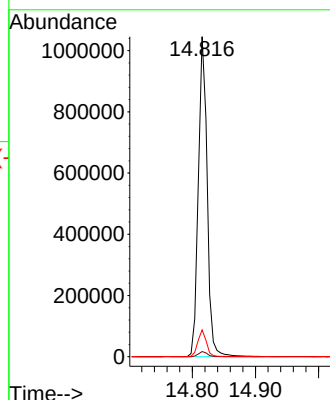
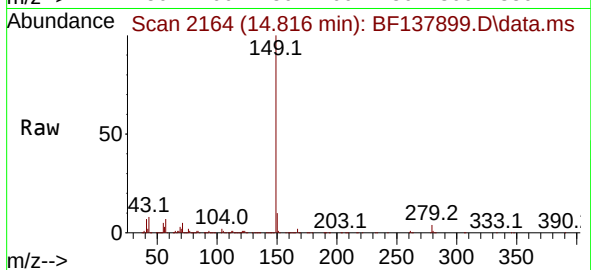
Tgt Ion:149 Resp: 1011488

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.3 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.792 min Scan# 2330

Delta R.T. -0.029 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

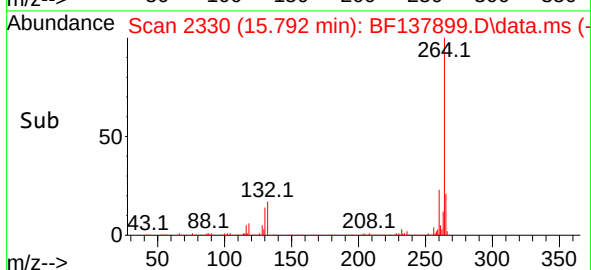
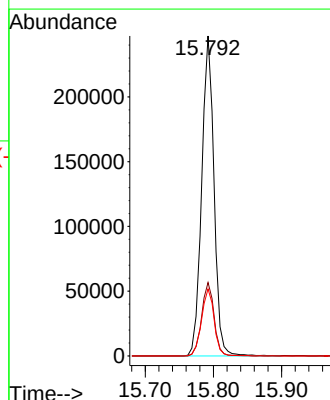
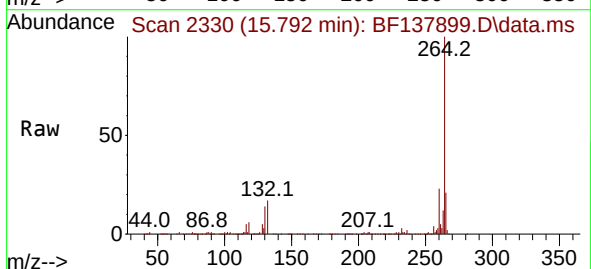
Tgt Ion:264 Resp: 310445

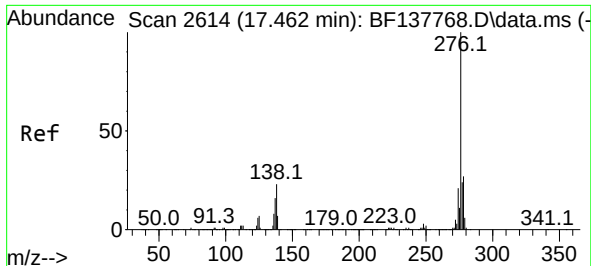
Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 21.0 17.4 26.0

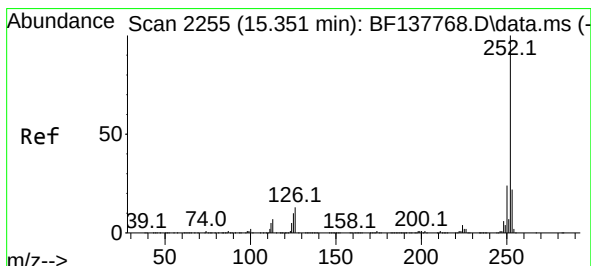
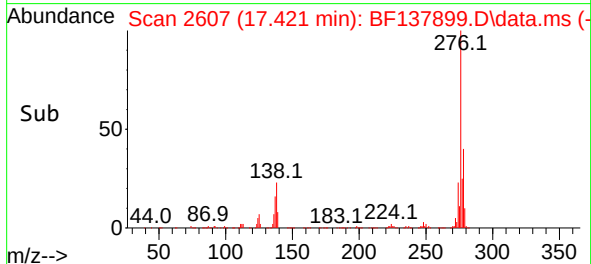
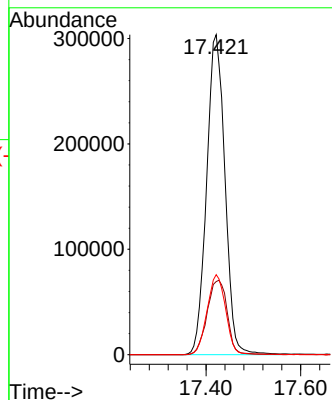
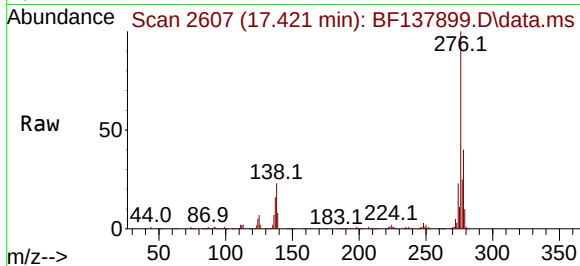




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.234 ng
 RT: 17.421 min Scan# 20
 Delta R.T. -0.041 min
 Lab File: BF137899.D
 Acq: 13 May 2024 13:17

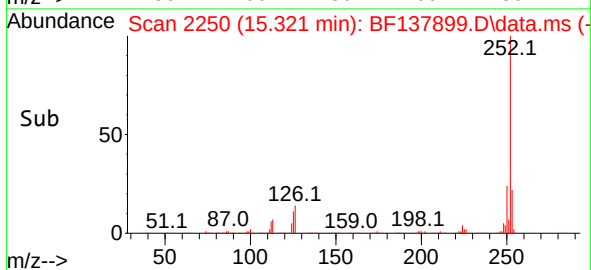
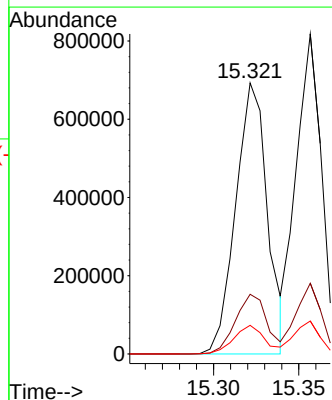
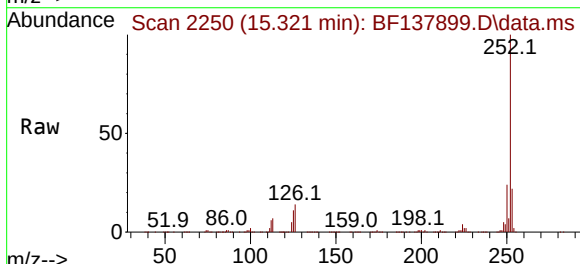
Instrument :
 BNA_F
 ClientSampleId :
 PB160855BS

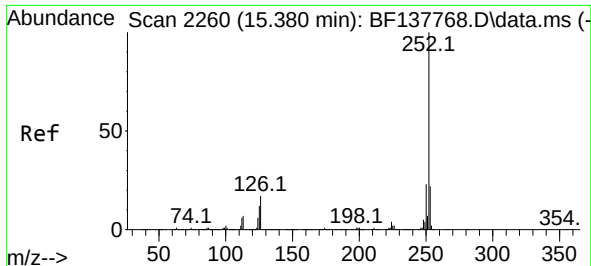
Tgt Ion:276 Resp: 816019
 Ion Ratio Lower Upper
 276 100
 138 25.5 21.4 32.0
 277 25.3 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 46.457 ng
 RT: 15.321 min Scan# 2250
 Delta R.T. -0.029 min
 Lab File: BF137899.D
 Acq: 13 May 2024 13:17

Tgt Ion:252 Resp: 897325
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.5 26.3
 125 10.6 7.9 11.9

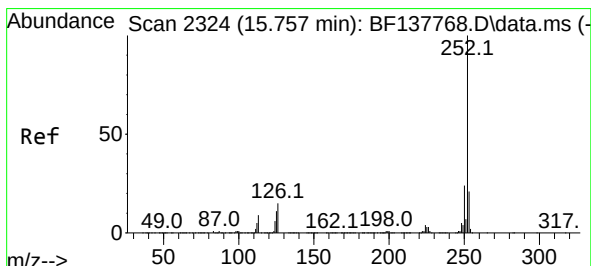
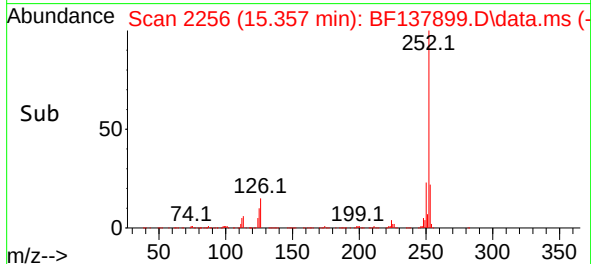
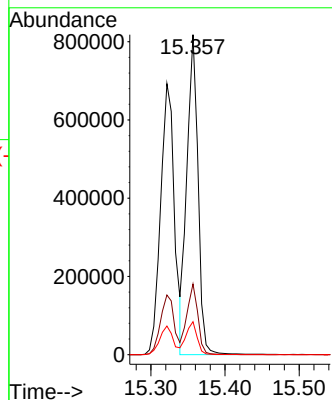
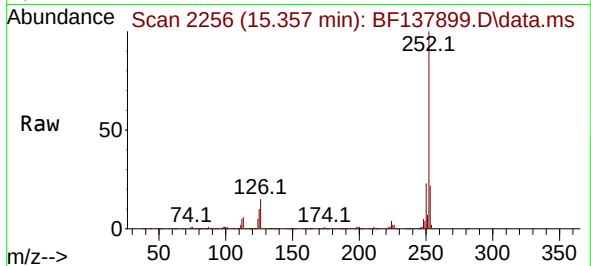




#89
Benzo(k)fluoranthene
Concen: 46.147 ng
RT: 15.357 min Scan# 2119
Delta R.T. -0.023 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

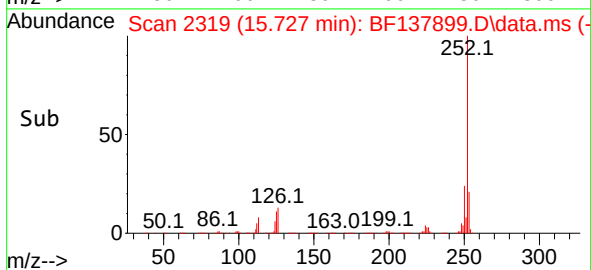
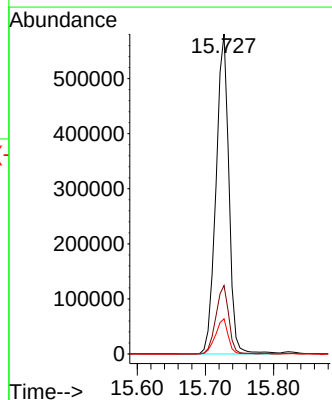
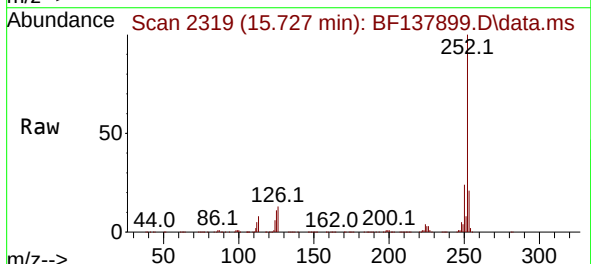
Instrument :
BNA_F
ClientSampleId :
PB160855BS

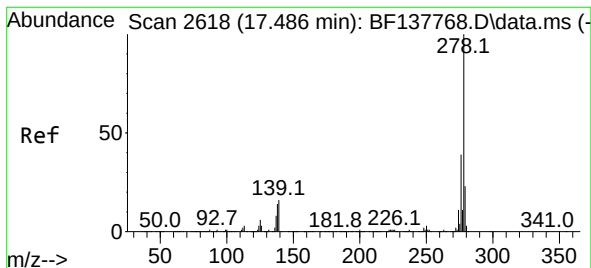
Tgt Ion:252 Resp: 861503
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.3 9.0 13.4



#90
Benzo(a)pyrene
Concen: 48.573 ng
RT: 15.727 min Scan# 2319
Delta R.T. -0.029 min
Lab File: BF137899.D
Acq: 13 May 2024 13:17

Tgt Ion:252 Resp: 765401
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 11.0 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 46.012 ng

RT: 17.439 min Scan# 2610

Delta R.T. -0.047 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB160855BS

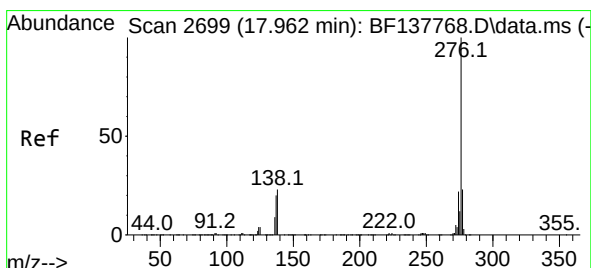
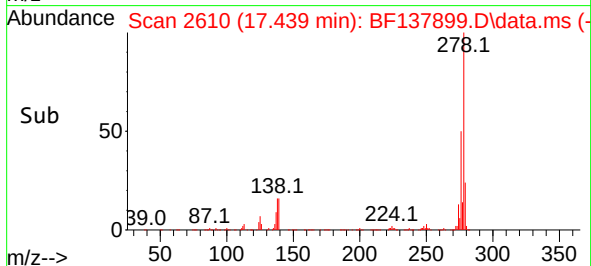
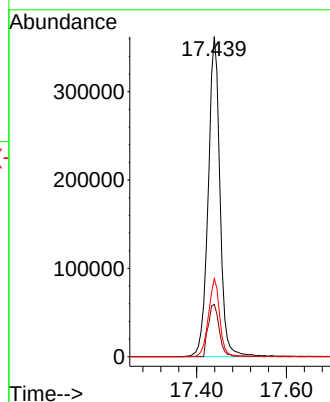
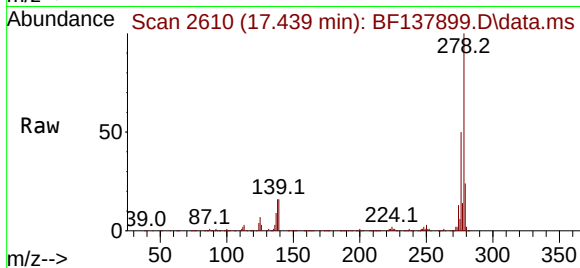
Tgt Ion:278 Resp: 661031

Ion Ratio Lower Upper

278 100

139 16.4 13.0 19.6

279 24.3 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 42.262 ng

RT: 17.915 min Scan# 2691

Delta R.T. -0.047 min

Lab File: BF137899.D

Acq: 13 May 2024 13:17

Tgt Ion:276 Resp: 636482

Ion Ratio Lower Upper

276 100

277 23.8 18.0 27.0

138 22.0 18.1 27.1

