

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011624\
 Data File : BF137079.D
 Acq On : 16 Jan 2024 15:07
 Operator : CG\JU
 Sample : PB158434BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158434BS

Quant Time: Jan 16 15:27:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	67473	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	264384	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	133481	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	239446	20.000	ng	0.00
76) Chrysene-d12	13.974	240	126638	20.000	ng	0.00
86) Perylene-d12	15.463	264	125226	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	501645	116.003	ng	0.02
7) Phenol-d6	6.446	99	617445	110.192	ng	0.00
23) Nitrobenzene-d5	7.351	82	377808	73.124	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	173648	110.461	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	765385	77.122	ng	0.00
79) Terphenyl-d14	12.910	244	703794	77.665	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	59832	33.207	ng	97
3) Pyridine	3.393	79	138022	31.396	ng	95
4) n-Nitrosodimethylamine	3.357	42	82687	35.221	ng	96
6) Aniline	6.457	93	169564	30.267	ng	# 1
8) 2-Chlorophenol	6.581	128	193353	40.858	ng	94
9) Benzaldehyde	6.346	77	49711	15.597	ng	99
10) Phenol	6.457	94	230401	38.518	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	175423	38.563	ng	96
12) 1,3-Dichlorobenzene	6.728	146	190120	36.827	ng	96
13) 1,4-Dichlorobenzene	6.804	146	194099	36.797	ng	97
14) 1,2-Dichlorobenzene	6.951	146	188158	38.334	ng	100
15) Benzyl Alcohol	6.940	79	155780	41.209	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	276777	37.215	ng	# 43
17) 2-Methylphenol	7.051	107	149430	38.116	ng	95
18) Hexachloroethane	7.287	117	71310	37.224	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	129655	38.171	ng	96
20) 3+4-Methylphenols	7.204	107	193287	39.464	ng	# 76
22) Acetophenone	7.198	105	265135	40.010	ng	# 90
24) Nitrobenzene	7.375	77	187985	36.321	ng	91
25) Isophorone	7.610	82	350867	37.321	ng	97
26) 2-Nitrophenol	7.687	139	99421	40.150	ng	99
27) 2,4-Dimethylphenol	7.728	122	165495	54.896	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	220584	38.600	ng	100
29) 2,4-Dichlorophenol	7.934	162	153790	39.625	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	163467	37.801	ng	99
31) Naphthalene	8.087	128	545139	37.532	ng	100
32) Benzoic acid	7.887	122	108597	37.230	ng	98
33) 4-Chloroaniline	8.140	127	112435	20.966	ng	97
34) Hexachlorobutadiene	8.192	225	96650	36.786	ng	98
35) Caprolactam	8.522	113	38333	29.939	ng	96
36) 4-Chloro-3-methylphenol	8.639	107	164748	37.705	ng	99
37) 2-Methylnaphthalene	8.775	142	358314	38.332	ng	98
38) 1-Methylnaphthalene	8.875	142	326416	35.593	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	167870	40.609	ng	99
41) Hexachlorocyclopentadiene	8.928	237	82752	63.838	ng	96
43) 2,4,6-Trichlorophenol	9.063	196	106481	40.165	ng	96

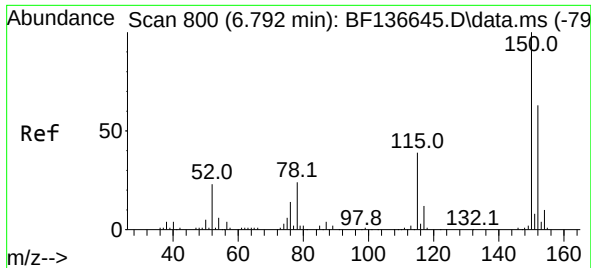
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 QLast Update : Thu Dec 21 01:54:25 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	112200	37.979	ng	98
46) 1,1'-Biphenyl	9.245	154	449622	40.141	ng	99
47) 2-Chloronaphthalene	9.269	162	328337	38.559	ng	100
48) 2-Nitroaniline	9.375	65	100514	37.695	ng	94
49) Acenaphthylene	9.686	152	511441	39.295	ng	100
50) Dimethylphthalate	9.545	163	383694	39.354	ng	100
51) 2,6-Dinitrotoluene	9.616	165	82269	37.180	ng	89
52) Acenaphthene	9.857	154	311421	38.599	ng	98
53) 3-Nitroaniline	9.786	138	65770	28.059	ng	98
54) 2,4-Dinitrophenol	9.910	184	73324	60.734	ng	97
55) Dibenzofuran	10.034	168	474489	38.797	ng	97
56) 4-Nitrophenol	9.975	139	83427	52.724	ng	96
57) 2,4-Dinitrotoluene	10.028	165	101477	35.327	ng	91
58) Fluorene	10.375	166	380257	39.185	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	91070	40.046	ng	96
60) Diethylphthalate	10.251	149	376559	37.224	ng	97
61) 4-Chlorophenyl-phenyle...	10.363	204	186498	39.539	ng	97
62) 4-Nitroaniline	10.410	138	70959	31.403	ng	95
63) Azobenzene	10.528	77	349522	36.993	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	53103	38.697	ng	84
66) n-Nitrosodiphenylamine	10.486	169	332629	42.764	ng	97
67) 4-Bromophenyl-phenylether	10.857	248	109087	41.022	ng	97
68) Hexachlorobenzene	10.928	284	120288	40.590	ng	96
69) Atrazine	11.028	200	134134	67.422	ng	97
70) Pentachlorophenol	11.128	266	91222	66.040	ng	97
71) Phenanthrene	11.345	178	506685	41.240	ng	100
72) Anthracene	11.398	178	513520	41.271	ng	99
73) Carbazole	11.557	167	451504	38.488	ng	99
74) Di-n-butylphthalate	11.880	149	574015	40.100	ng	98
75) Fluoranthene	12.539	202	492631	37.485	ng	99
77) Benzidine	12.663	184	65164	17.451	ng	100
78) Pyrene	12.769	202	488196	39.270	ng	99
80) Butylbenzylphthalate	13.386	149	186208	41.164	ng	98
81) Benzo(a)anthracene	13.969	228	369399	42.008	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	101985	40.838	ng	98
83) Chrysene	14.004	228	341606	39.725	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	259158	45.535	ng	99
85) Di-n-octyl phthalate	14.563	149	416524	47.312	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	446122	49.342	ng	99
88) Benzo(b)fluoranthene	15.027	252	355135	42.460	ng	98
89) Benzo(k)fluoranthene	15.063	252	322099	40.756	ng	98
90) Benzo(a)pyrene	15.404	252	302748	42.882	ng	98
91) Dibenzo(a,h)anthracene	17.015	278	375469	50.618	ng	97
92) Benzo(g,h,i)perylene	17.468	276	376420	49.547	ng	99

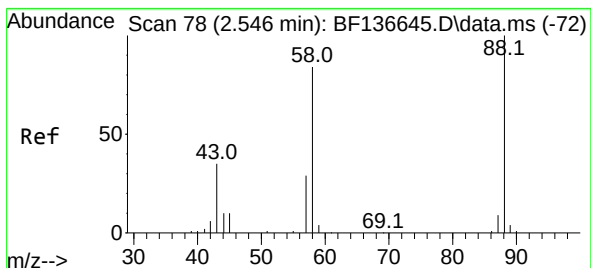
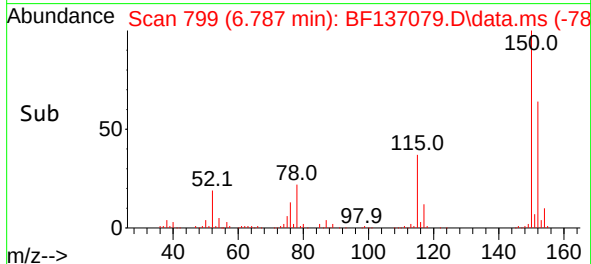
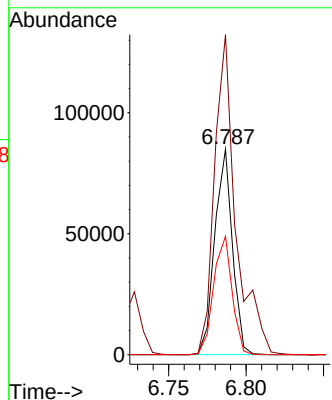
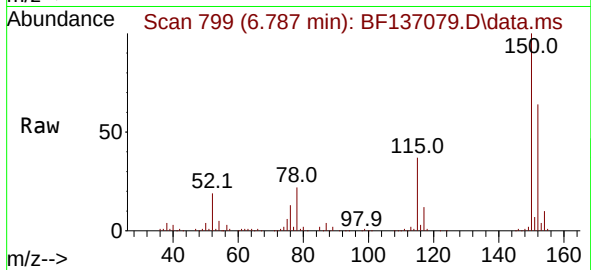
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF137079.D
 Acq: 16 Jan 2024 15:07

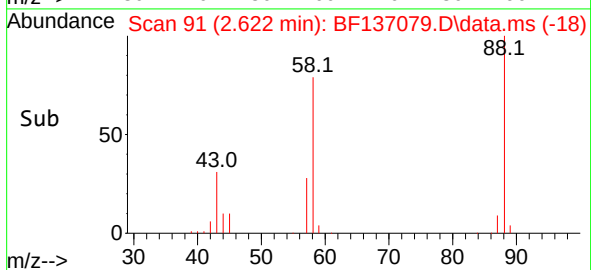
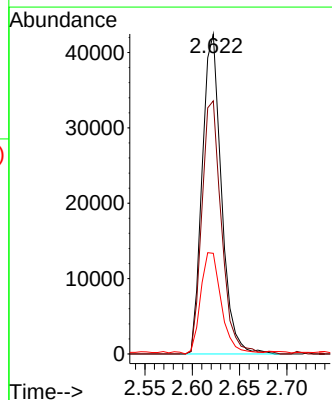
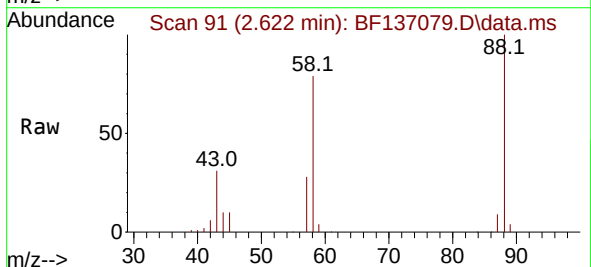
Instrument :
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 PB158434BS

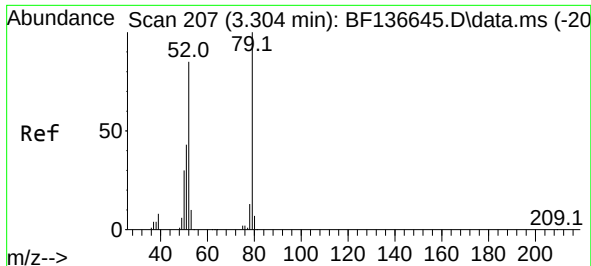
Tgt Ion:152 Resp: 67473
 Ion Ratio Lower Upper
 152 100
 150 155.8 127.0 190.6
 115 57.6 49.0 73.4



#2
 1,4-Dioxane
 Concen: 33.207 ng
 RT: 2.622 min Scan# 91
 Delta R.T. 0.077 min
 Lab File: BF137079.D
 Acq: 16 Jan 2024 15:07

Tgt Ion: 88 Resp: 59832
 Ion Ratio Lower Upper
 88 100
 58 80.9 67.4 101.0
 43 34.3 27.7 41.5

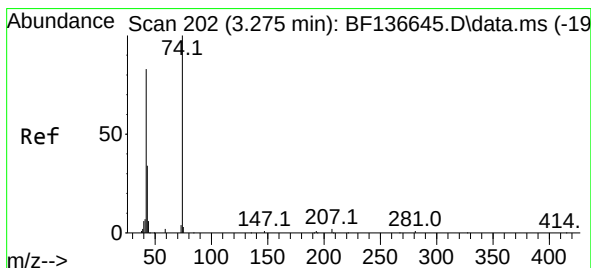
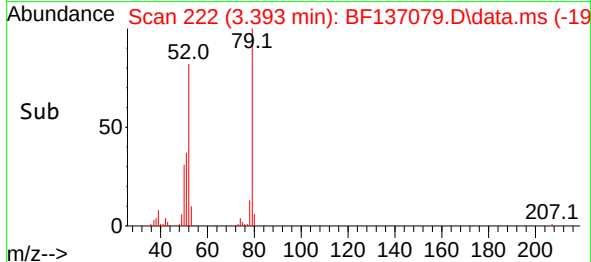
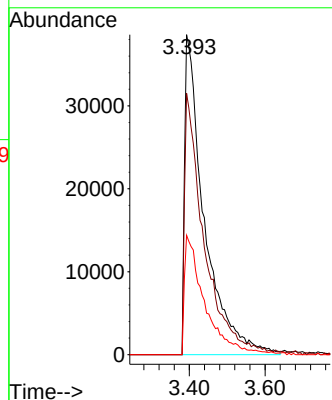
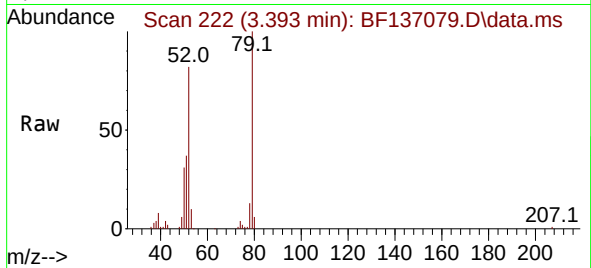




#3
Pyridine
Concen: 31.396 ng
RT: 3.393 min Scan# 216
Delta R.T. 0.088 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

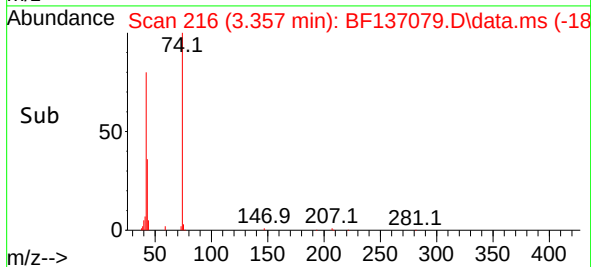
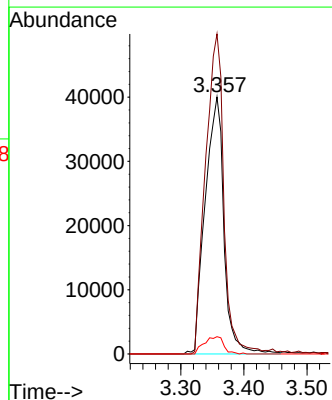
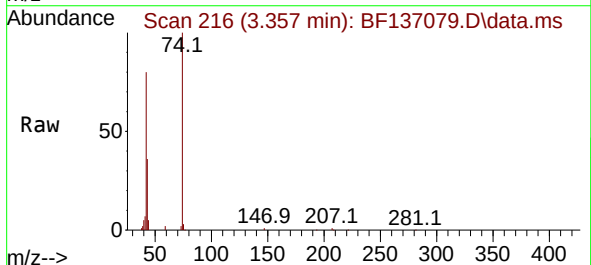
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ClientSampleId :
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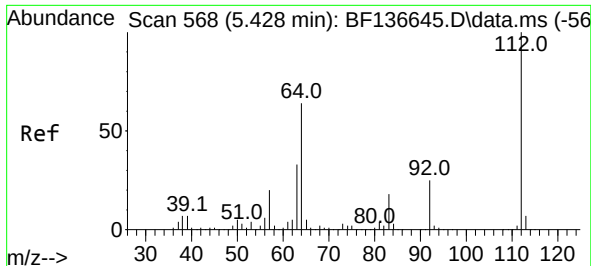
Tgt Ion: 79 Resp: 138022
Ion Ratio Lower Upper
79 100
52 81.7 67.7 101.5
51 37.3 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 35.221 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.083 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

Tgt Ion: 42 Resp: 82687
Ion Ratio Lower Upper
42 100
74 124.5 96.0 144.0
44 6.7 5.4 8.2

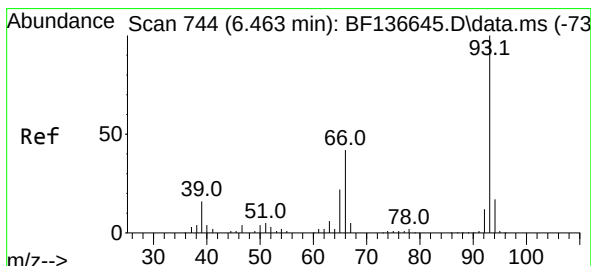
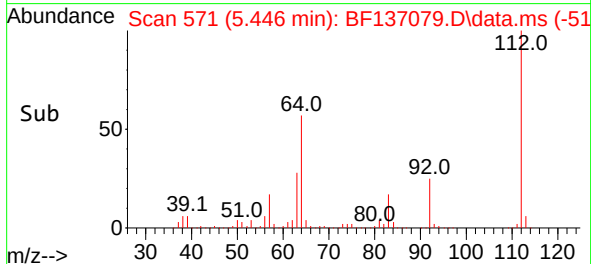
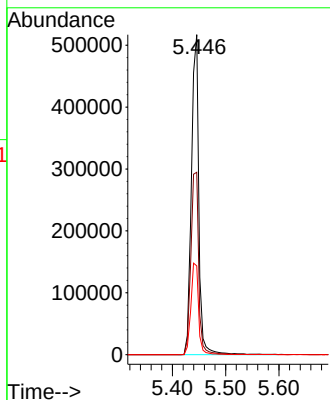
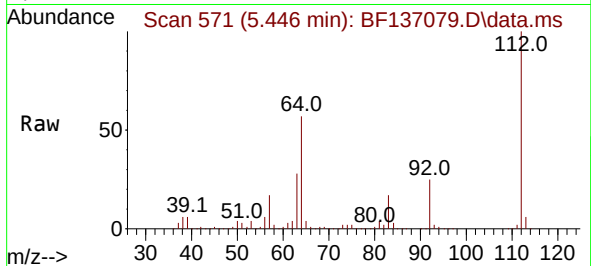




#5
2-Fluorophenol
Concen: 116.003 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

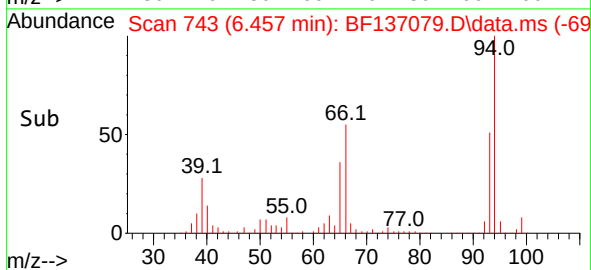
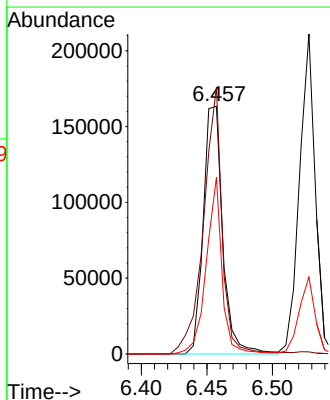
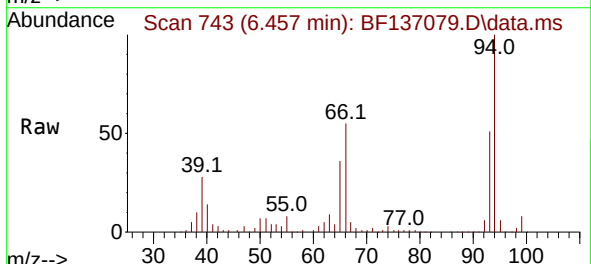
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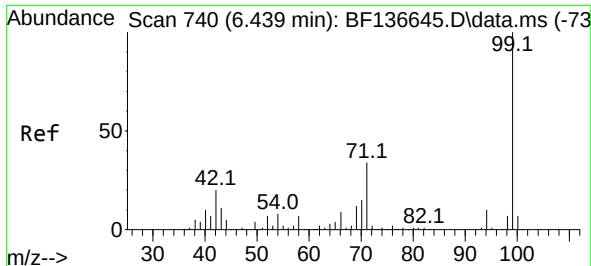
Tgt Ion:112 Resp: 501645
Ion Ratio Lower Upper
112 100
64 57.0 51.1 76.7
63 27.8 26.1 39.1



#6
Aniline
Concen: 30.267 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

Tgt Ion: 93 Resp: 169564
Ion Ratio Lower Upper
93 100
66 107.7 34.6 51.8#
65 71.4 17.8 26.8#

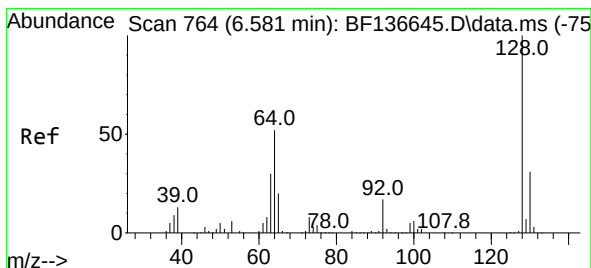
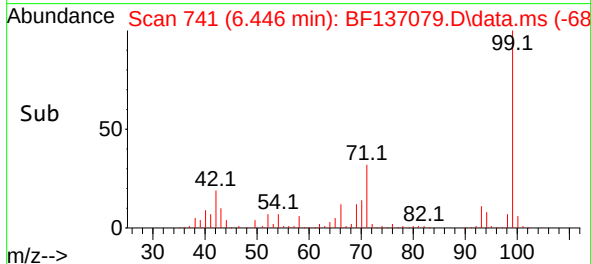
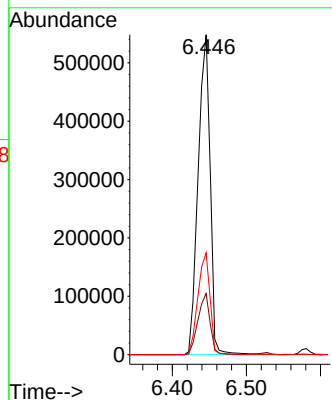
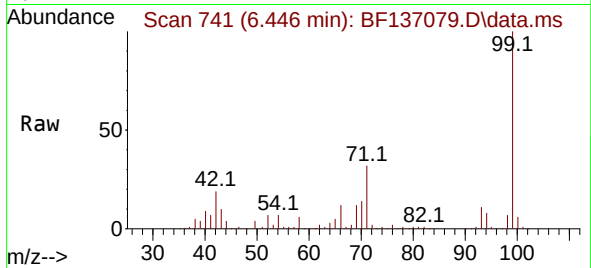




#7
Phenol-d6
Concen: 110.192 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

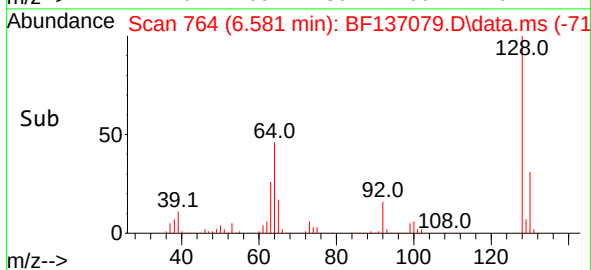
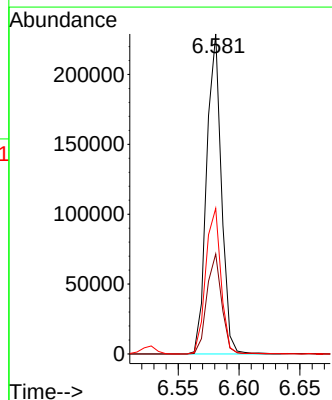
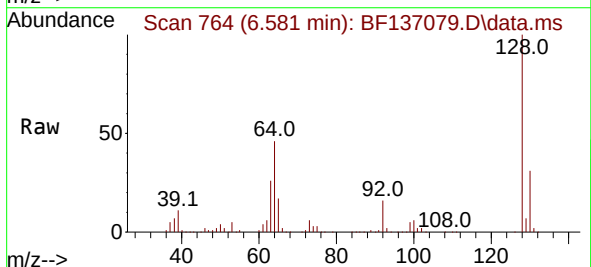
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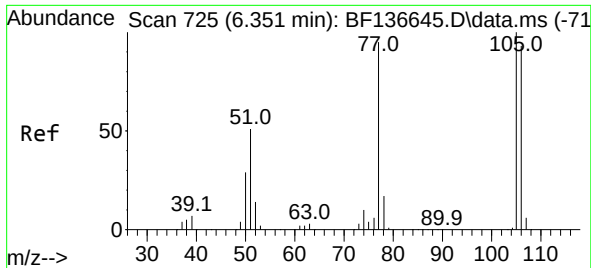
Tgt Ion: 99 Resp: 617445
Ion Ratio Lower Upper
99 100
42 19.1 16.1 24.1
71 31.8 27.4 41.2



#8
2-Chlorophenol
Concen: 40.858 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

Tgt Ion:128 Resp: 193353
Ion Ratio Lower Upper
128 100
130 31.2 11.3 51.3
64 45.5 32.5 72.5





#9

Benzaldehyde

Concen: 15.597 ng

RT: 6.346 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

Instrument :

BNA_F

ClientSampleId :

PB158434BS

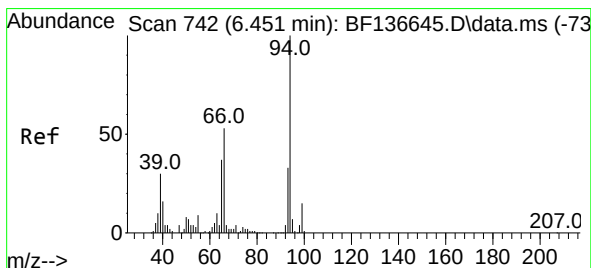
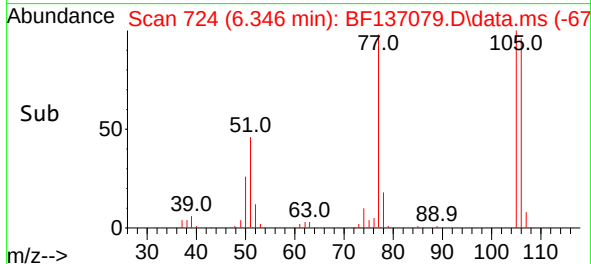
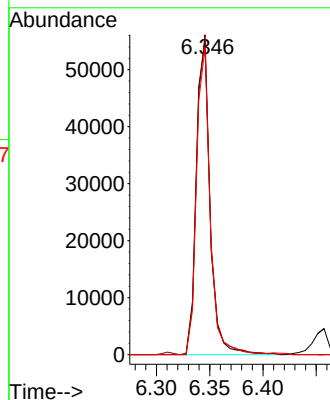
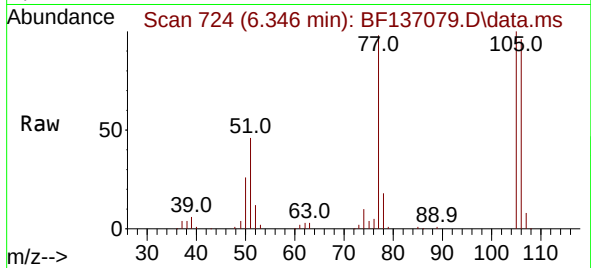
Tgt Ion: 77 Resp: 49711

Ion Ratio Lower Upper

77 100

105 102.1 84.8 124.8

106 98.0 77.8 117.8



#10

Phenol

Concen: 38.518 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

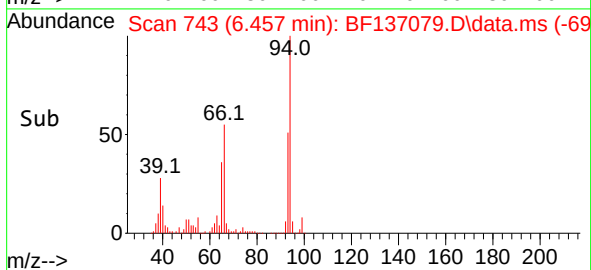
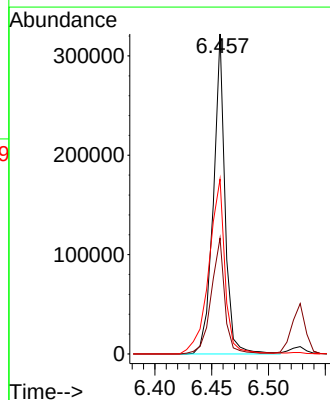
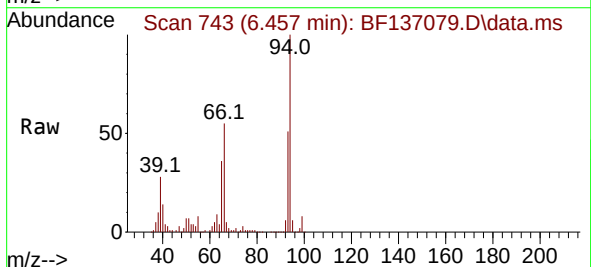
Tgt Ion: 94 Resp: 230401

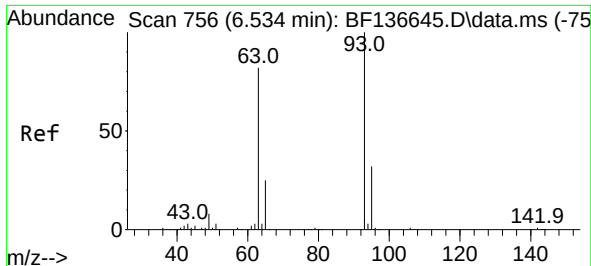
Ion Ratio Lower Upper

94 100

65 36.2 16.6 56.6

66 54.6 32.6 72.6

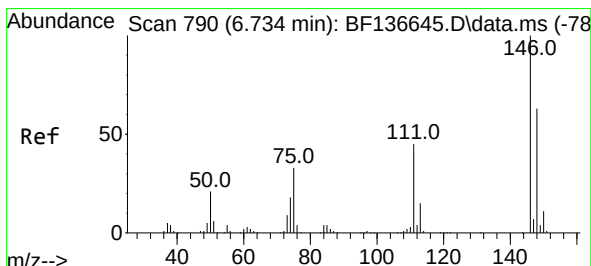
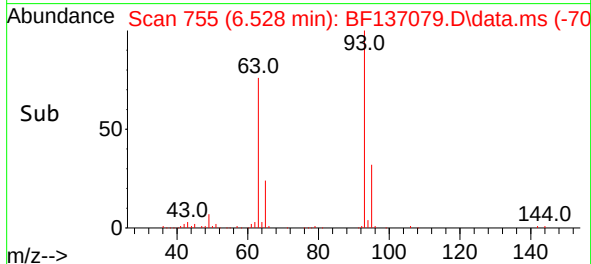
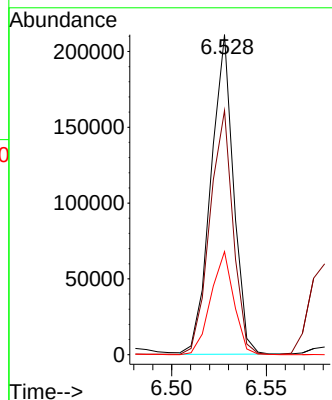
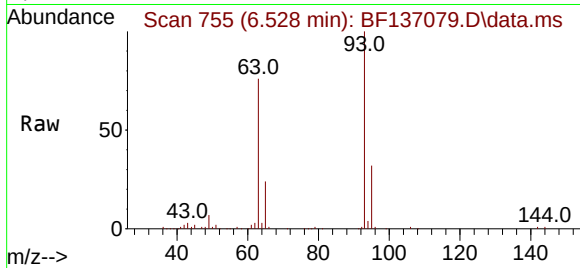




#11
bis(2-Chloroethyl)ether
Concen: 38.563 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

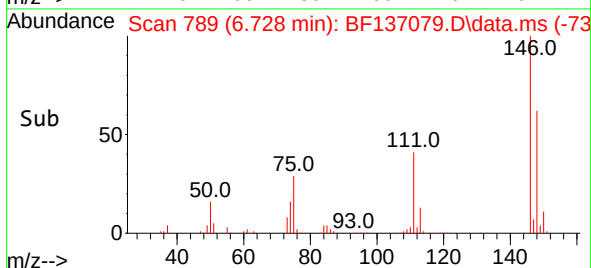
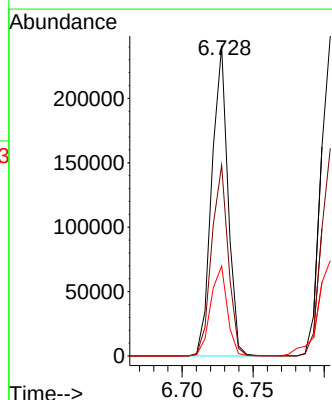
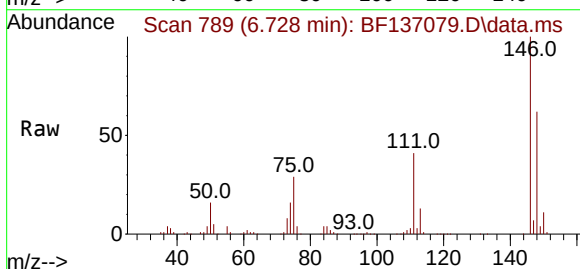
Instrument :
BNA_F
ClientSampleId :
PB158434BS

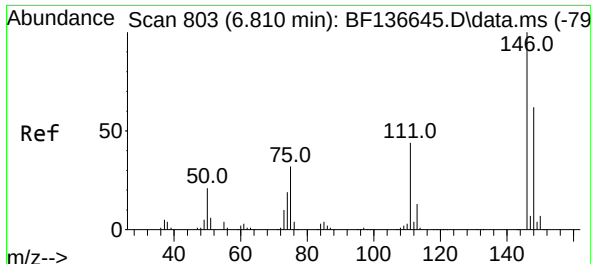
Tgt Ion: 93 Resp: 175423
Ion Ratio Lower Upper
93 100
63 76.3 61.2 101.2
95 32.2 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 36.827 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

Tgt Ion: 146 Resp: 190120
Ion Ratio Lower Upper
146 100
148 61.5 50.5 75.7
75 29.0 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 36.797 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

Instrument :

BNA_F

ClientSampleId :

PB158434BS

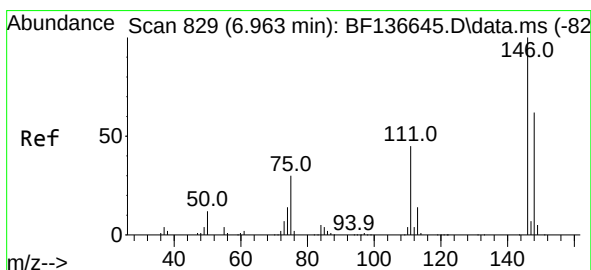
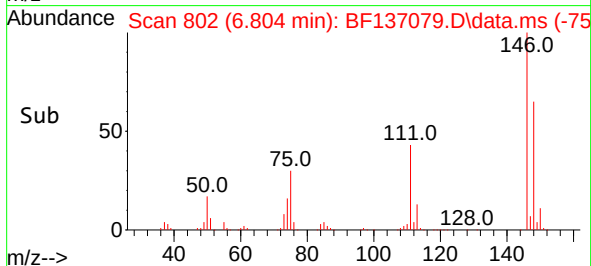
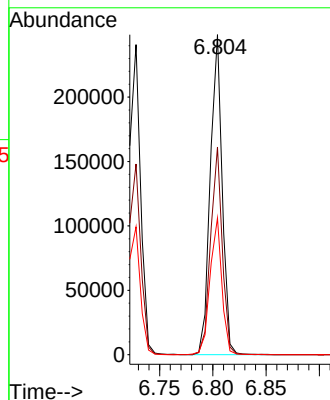
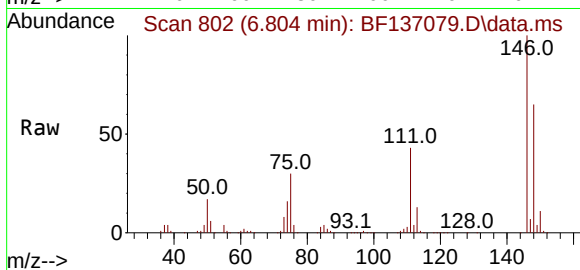
Tgt Ion:146 Resp: 194099

Ion Ratio Lower Upper

146 100

148 64.9 49.2 73.8

111 42.7 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 38.334 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

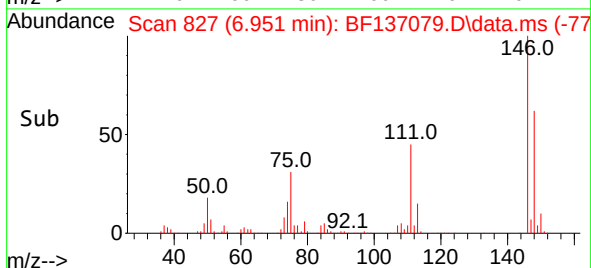
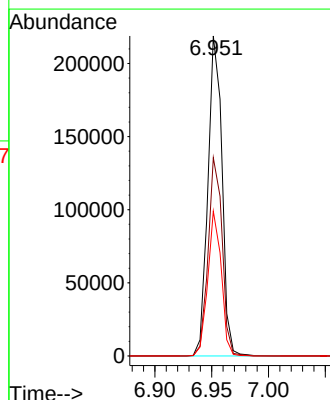
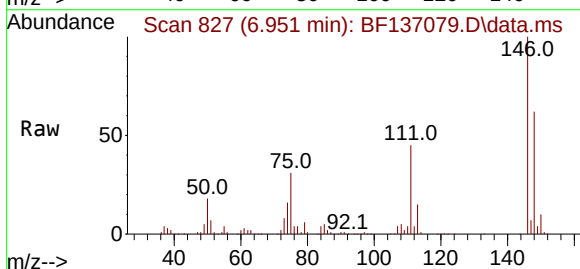
Tgt Ion:146 Resp: 188158

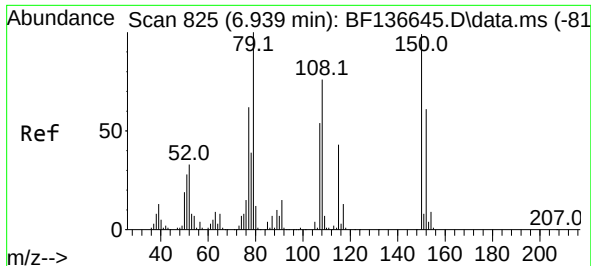
Ion Ratio Lower Upper

146 100

148 61.9 49.6 74.4

111 45.3 36.2 54.2

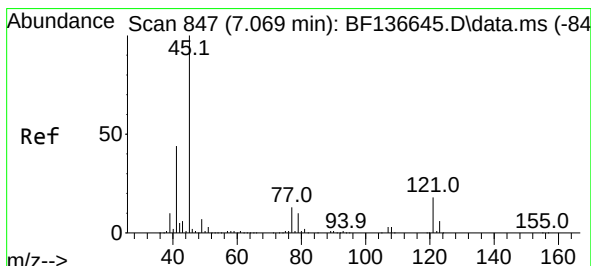
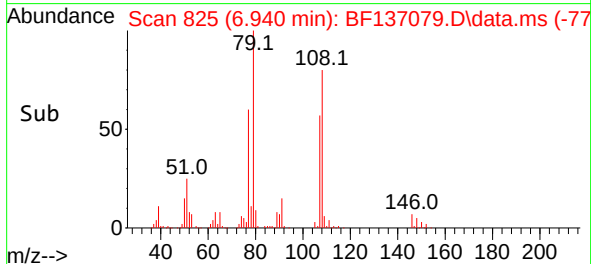
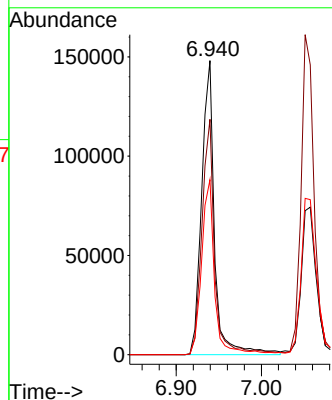
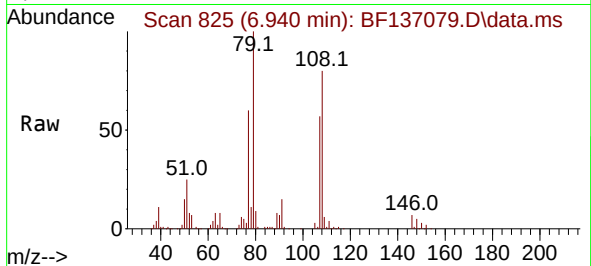




#15
Benzyl Alcohol
Concen: 41.209 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

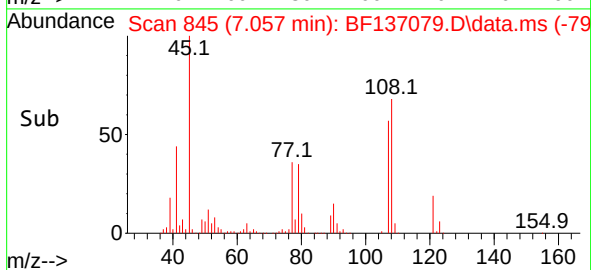
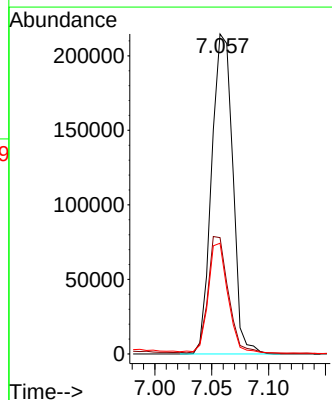
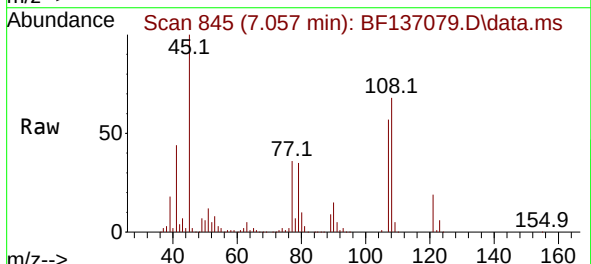
Instrument :
BNA_F
ClientSampleId :
PB158434BS

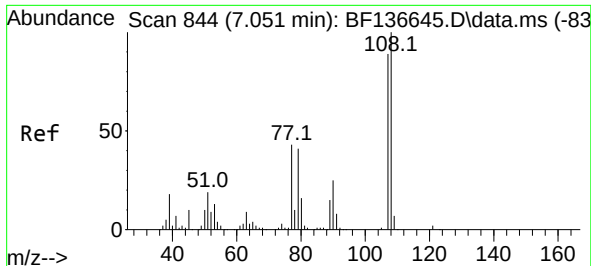
Tgt Ion: 79 Resp: 155780
Ion Ratio Lower Upper
79 100
108 80.0 61.0 91.6
77 59.5 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.215 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

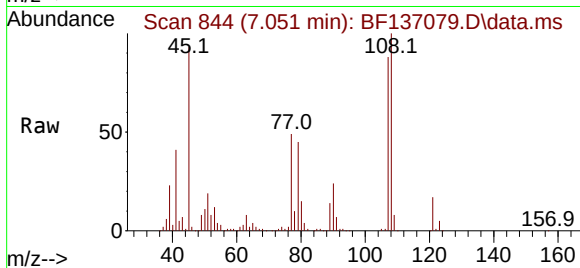
Tgt Ion: 45 Resp: 276777
Ion Ratio Lower Upper
45 100
77 36.4 0.0 34.3#
79 34.6 0.0 31.4#



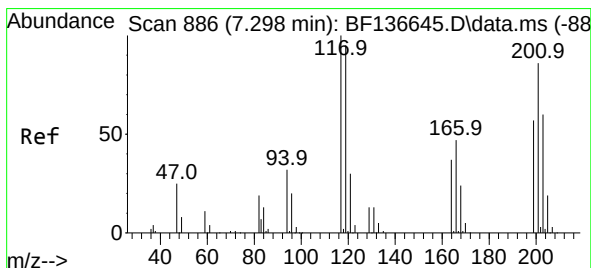
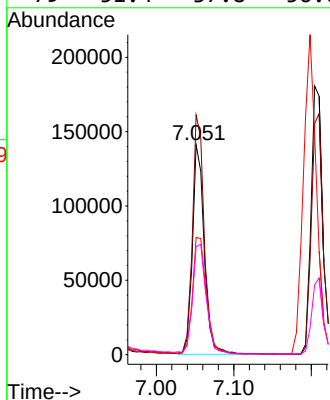
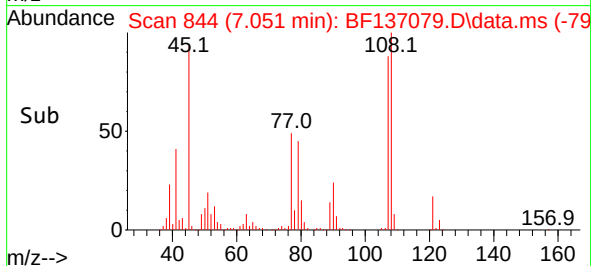


#17
2-Methylphenol
Concen: 38.116 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

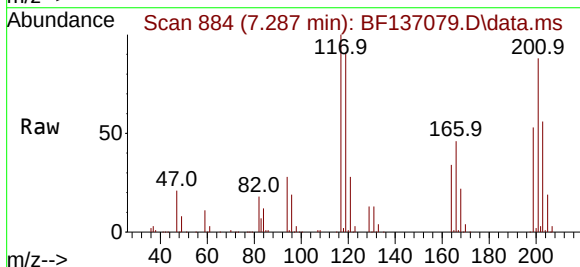
Instrument :
BNA_F
ClientSampleId :
PB158434BS



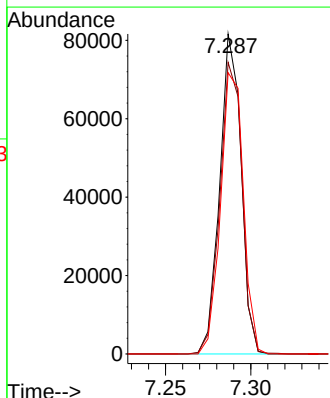
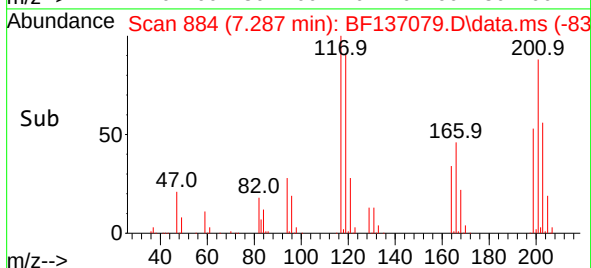
Tgt Ion:	107	Resp:	149430
Ion	Ratio	Lower	Upper
107	100		
108	114.2	90.3	135.5
77	55.8	38.7	58.1
79	51.4	37.8	56.6

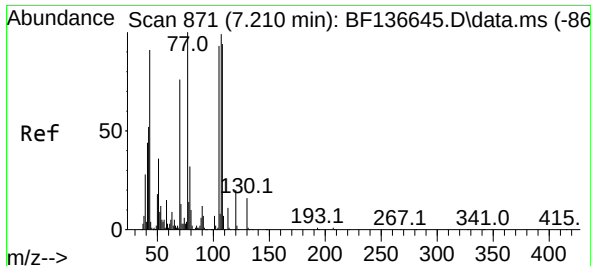


#18
Hexachloroethane
Concen: 37.224 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07



Tgt Ion:	117	Resp:	71310
Ion	Ratio	Lower	Upper
117	100		
119	91.1	75.8	113.6
201	87.9	69.1	103.7



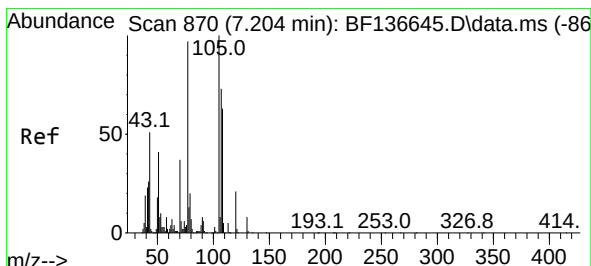
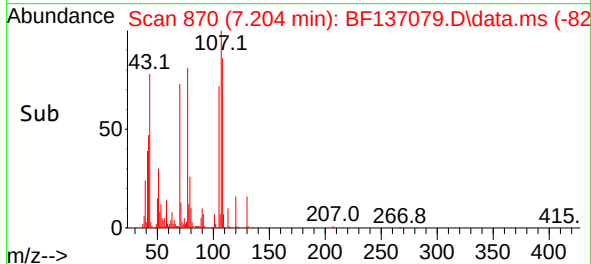
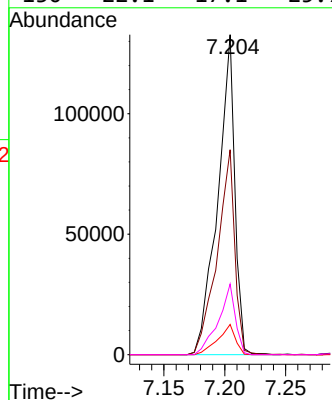
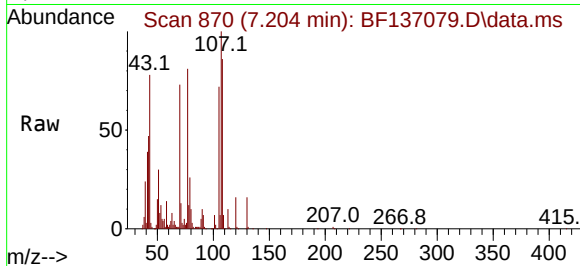


#19
n-Nitroso-di-n-propylamine
Concen: 38.171 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

Instrument :
BNA_F
ClientSampleId :
PB158434BS

Tgt Ion: 70 Resp: 129655

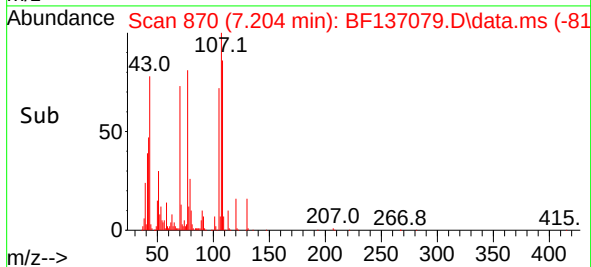
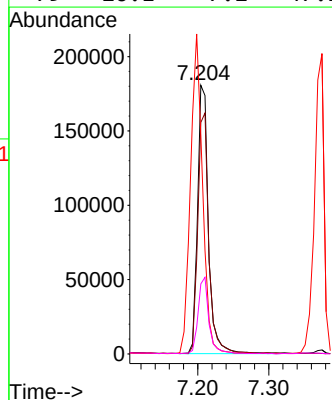
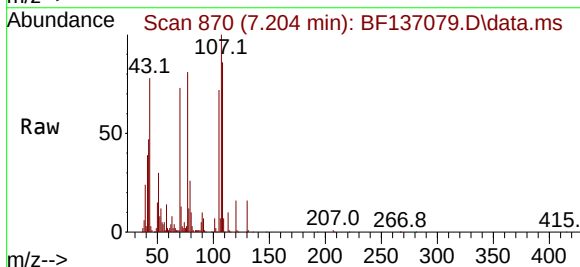
Ion	Ratio	Lower	Upper
70	100		
42	64.1	54.2	81.4
101	9.5	7.6	11.4
130	22.1	17.1	25.7

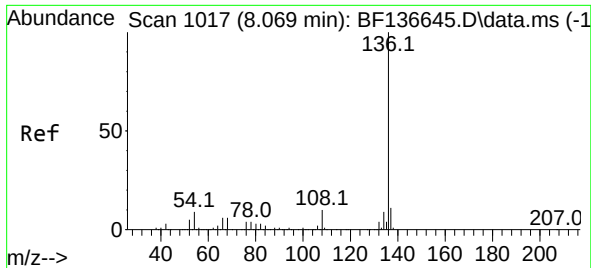


#20
3+4-Methylphenols
Concen: 39.464 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

Tgt Ion: 107 Resp: 193287

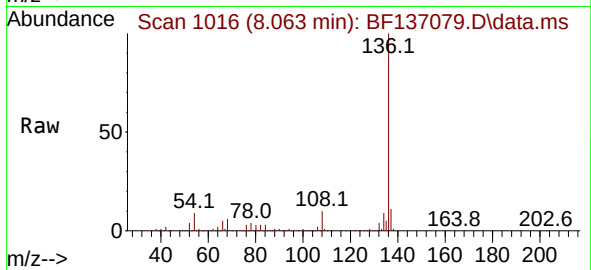
Ion	Ratio	Lower	Upper
107	100		
108	86.2	66.0	106.0
77	81.3	114.2	154.2#
79	26.1	7.2	47.2



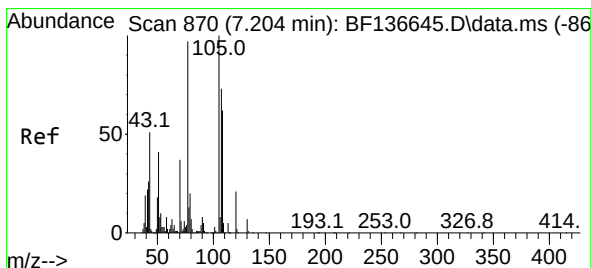
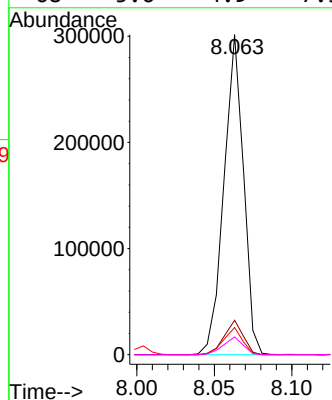
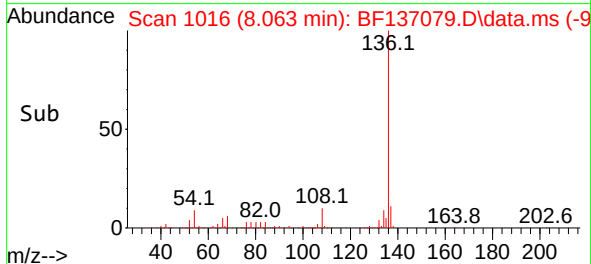


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

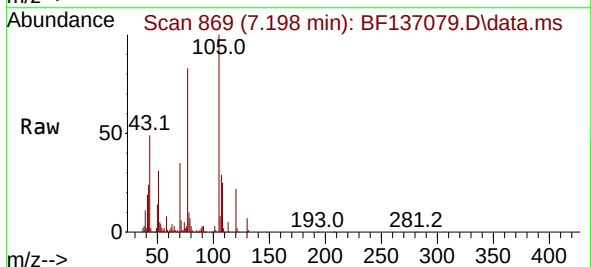
Instrument :
BNA_F
ClientSampleId :
PB158434BS



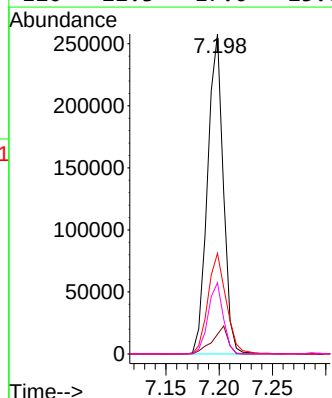
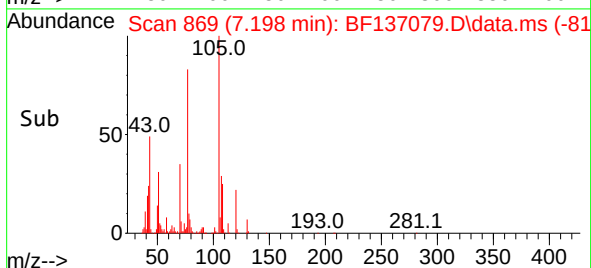
Tgt	Ion:136	Resp:	264384
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.5	7.2	10.8
68	5.6	4.9	7.3

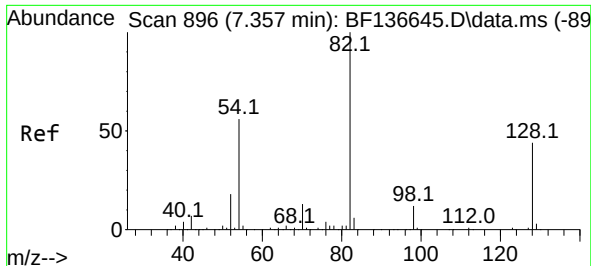


#22
Acetophenone
Concen: 40.010 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07



Tgt	Ion:105	Resp:	265135
Ion	Ratio	Lower	Upper
105	100		
71	6.2	4.8	7.2
51	31.5	32.8	49.2#
120	22.3	17.0	25.6





#23

Nitrobenzene-d5

Concen: 73.124 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

Instrument :

BNA_F

ClientSampleId :

PB158434BS

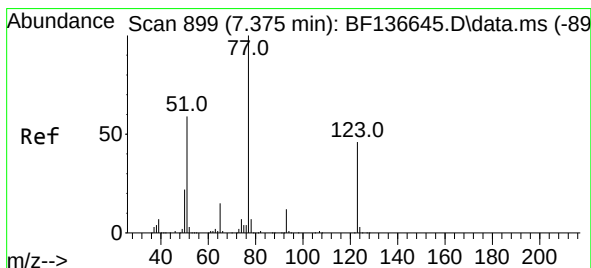
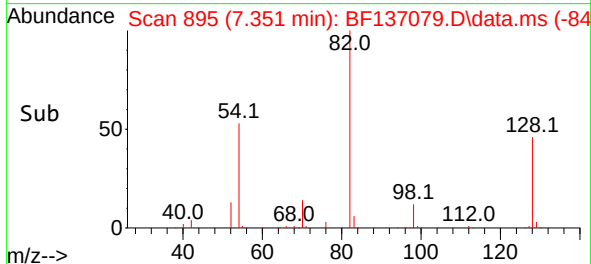
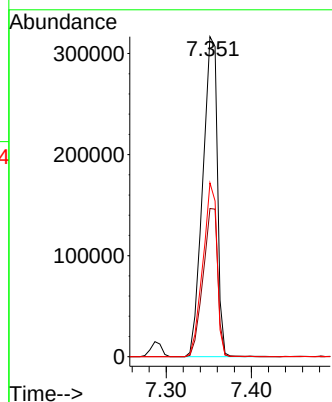
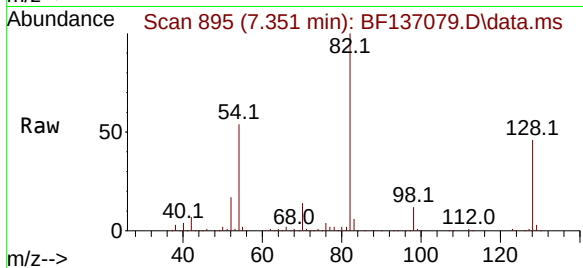
Tgt Ion: 82 Resp: 377808

Ion Ratio Lower Upper

82 100

128 46.3 35.3 52.9

54 54.3 44.5 66.7



#24

Nitrobenzene

Concen: 36.321 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

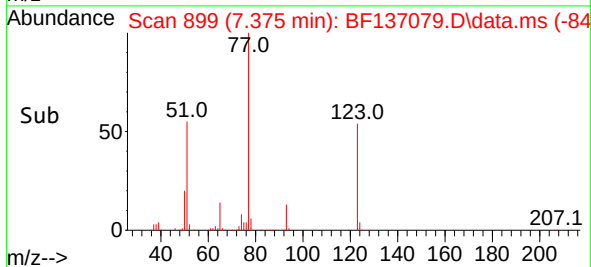
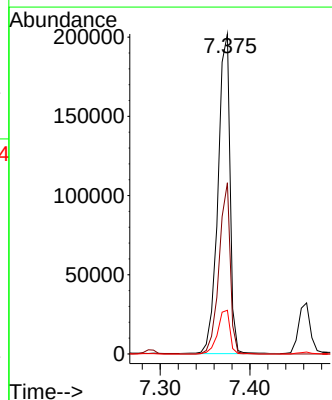
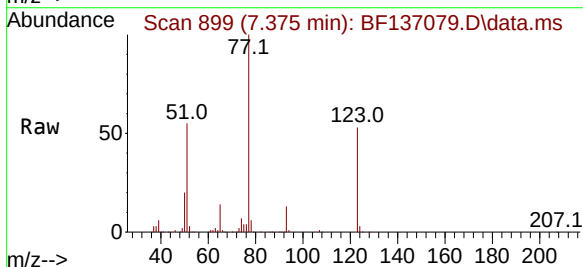
Tgt Ion: 77 Resp: 187985

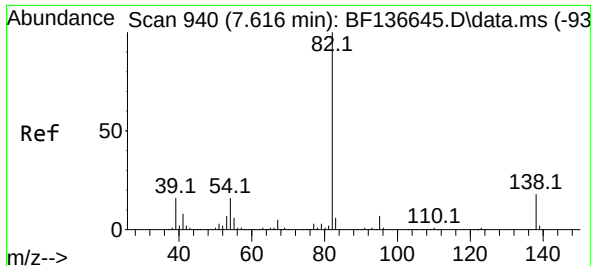
Ion Ratio Lower Upper

77 100

123 53.5 36.7 55.1

65 13.7 11.8 17.6

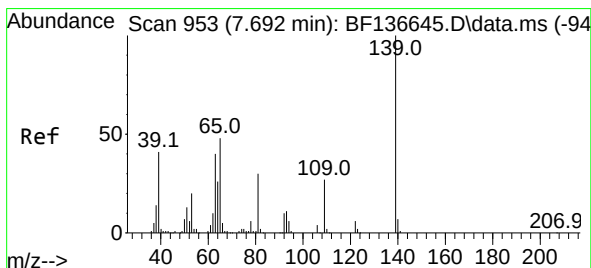
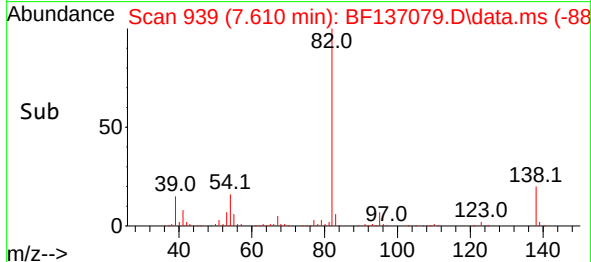
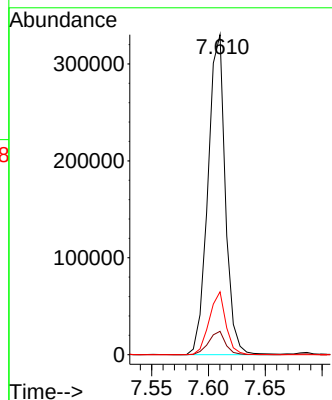
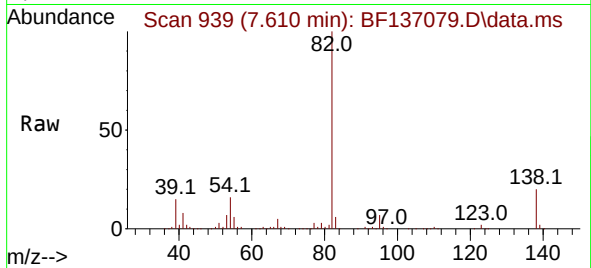




#25
Isophorone
Concen: 37.321 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

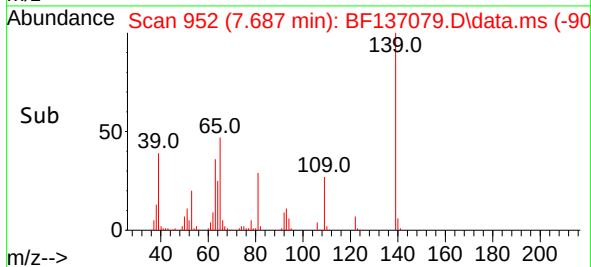
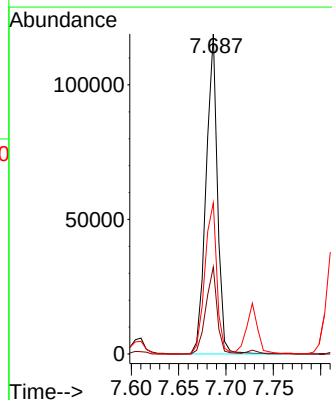
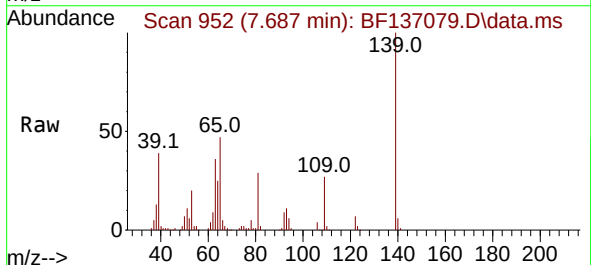
Instrument :
BNA_F
ClientSampleId :
PB158434BS

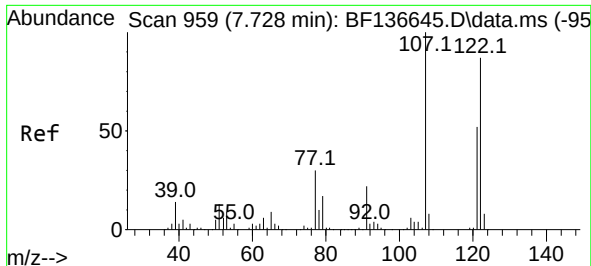
Tgt Ion: 82 Resp: 350867
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 19.7 14.5 21.7



#26
2-Nitrophenol
Concen: 40.150 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

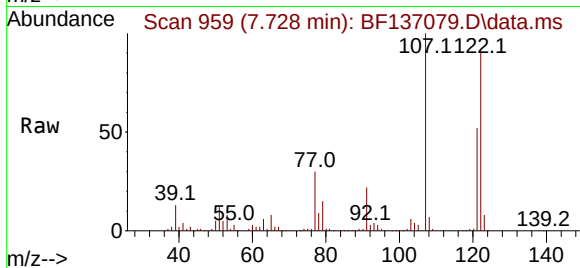
Tgt Ion:139 Resp: 99421
Ion Ratio Lower Upper
139 100
109 27.2 21.9 32.9
65 47.2 38.6 58.0



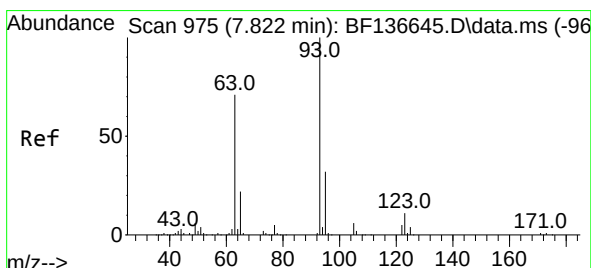
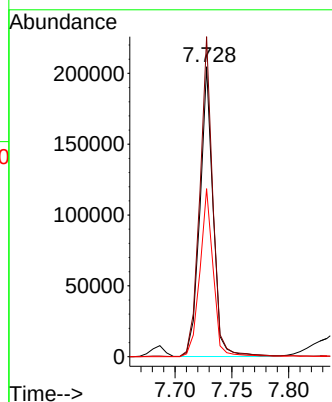
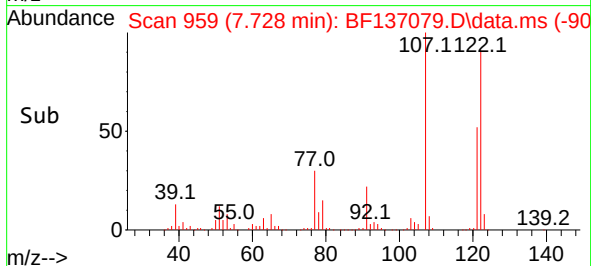


#27
2,4-Dimethylphenol
Concen: 54.896 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

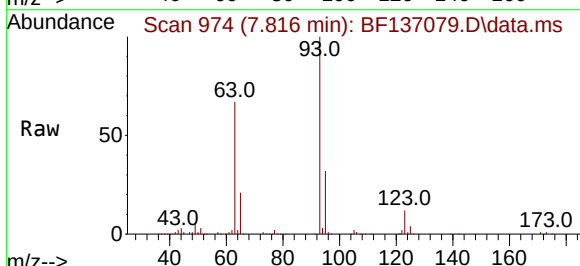
Instrument :
BNA_F
ClientSampleId :
PB158434BS



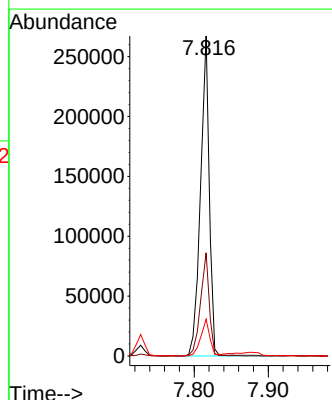
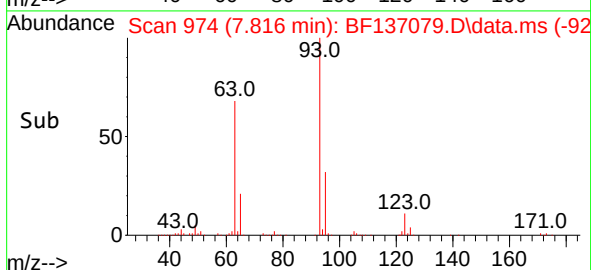
Tgt Ion:122 Resp: 165495
Ion Ratio Lower Upper
122 100
107 110.3 92.0 138.0
121 57.9 47.5 71.3

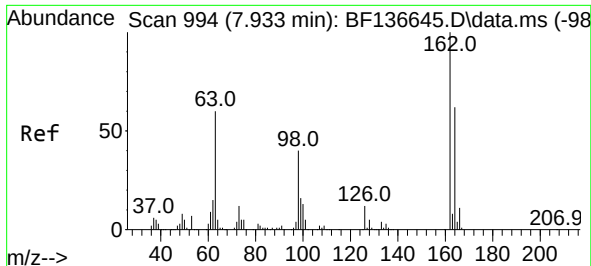


#28
bis(2-Chloroethoxy)methane
Concen: 38.600 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07



Tgt Ion: 93 Resp: 220584
Ion Ratio Lower Upper
93 100
95 32.3 25.5 38.3
123 11.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.625 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

Instrument :

BNA_F

ClientSampleId :

PB158434BS

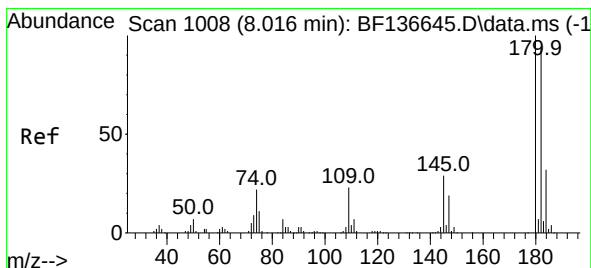
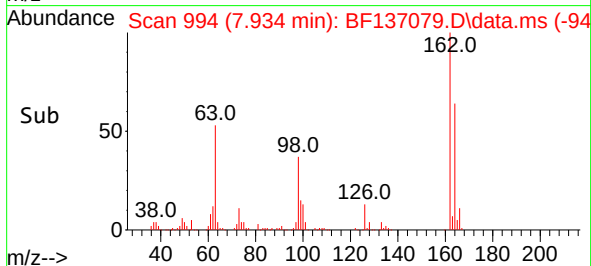
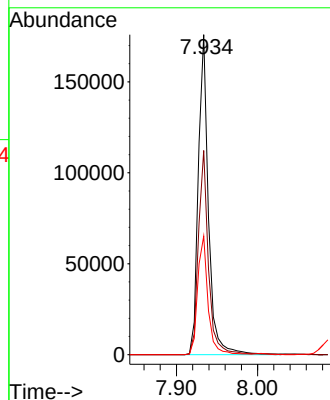
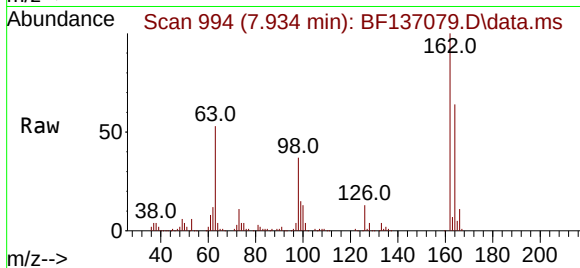
Tgt Ion:162 Resp: 153790

Ion Ratio Lower Upper

162 100

164 63.8 41.7 81.7

98 37.1 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 37.801 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

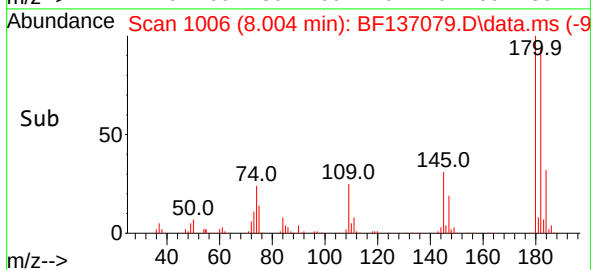
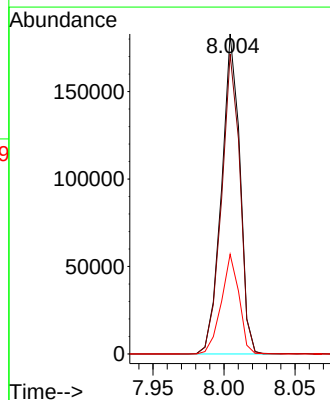
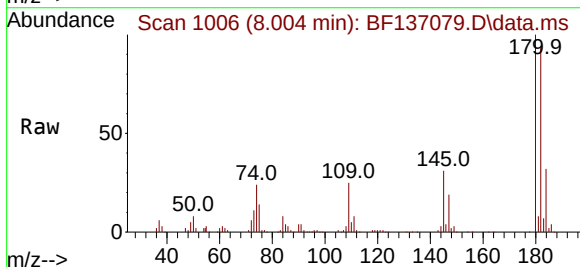
Tgt Ion:180 Resp: 163467

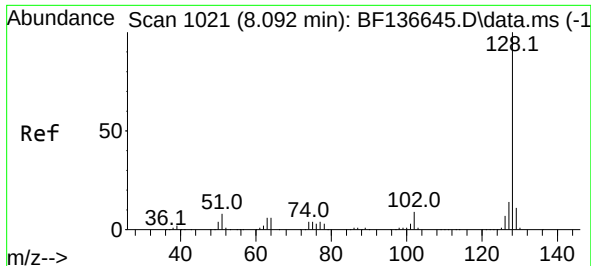
Ion Ratio Lower Upper

180 100

182 93.8 75.4 113.0

145 31.1 23.1 34.7

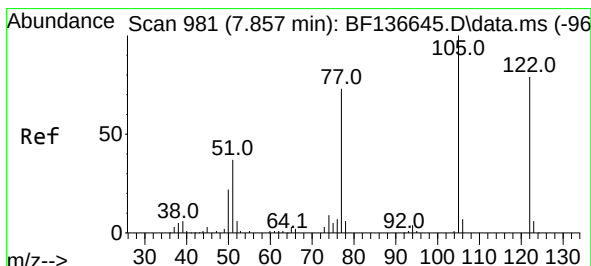
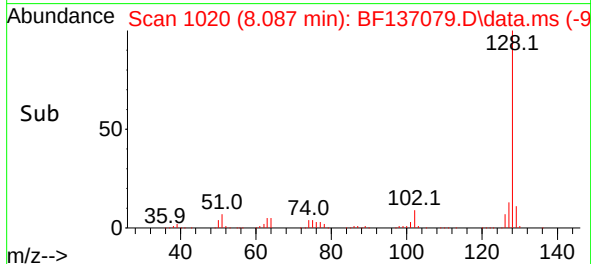
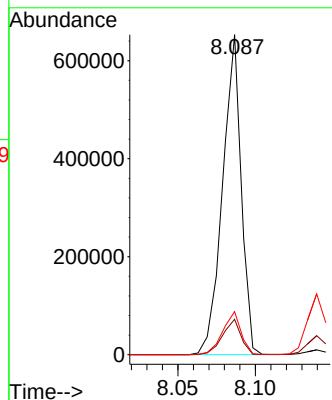
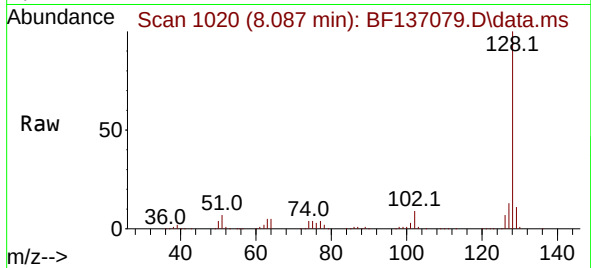




#31
Naphthalene
Concen: 37.532 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

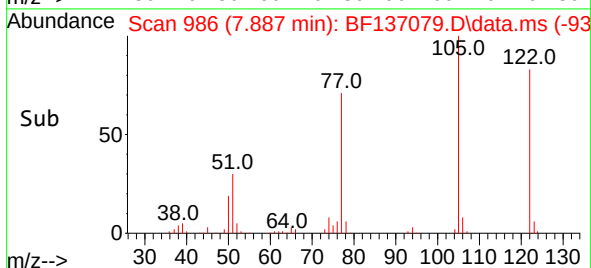
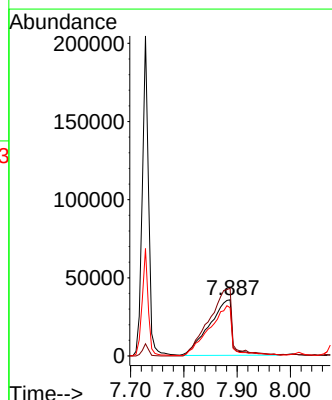
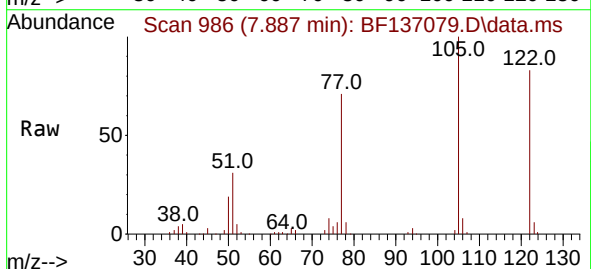
Instrument :
BNA_F
ClientSampleId :
PB158434BS

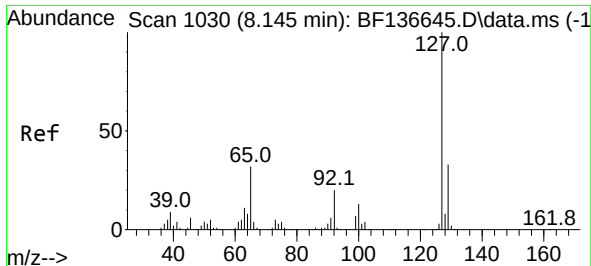
Tgt Ion:128 Resp: 545139
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 37.230 ng
RT: 7.887 min Scan# 986
Delta R.T. 0.030 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

Tgt Ion:122 Resp: 108597
Ion Ratio Lower Upper
122 100
105 120.5 100.8 140.8
77 86.1 70.9 110.9

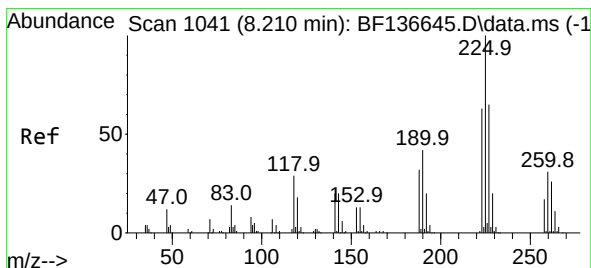
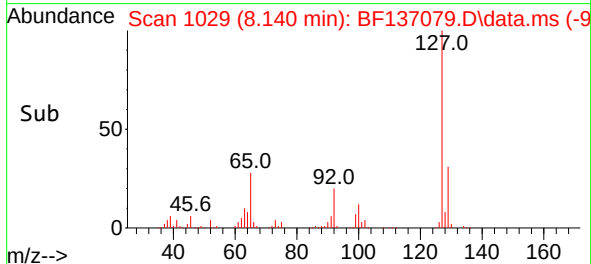
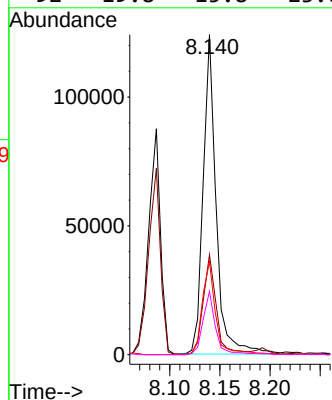
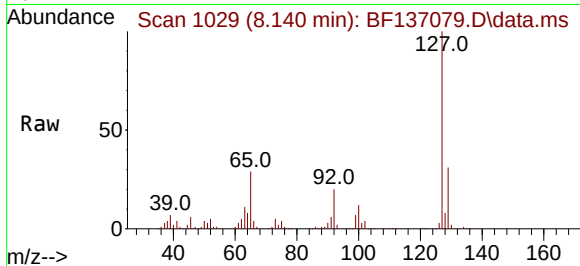




#33
4-Chloroaniline
Concen: 20.966 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

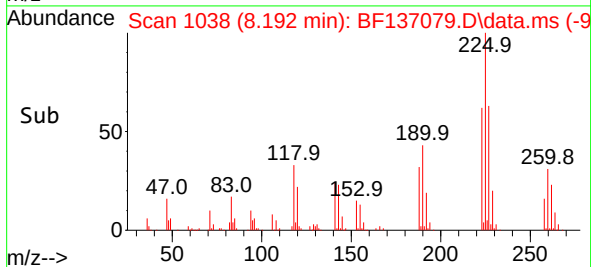
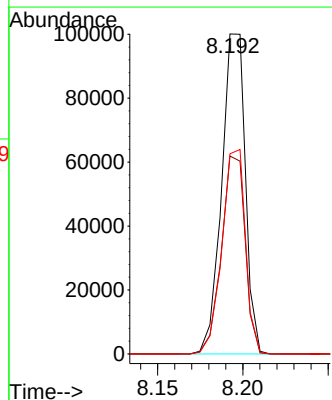
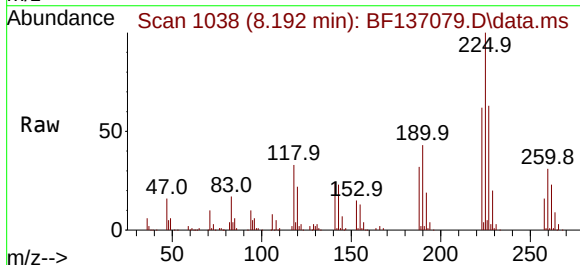
Instrument :
BNA_F
ClientSampleId :
PB158434BS

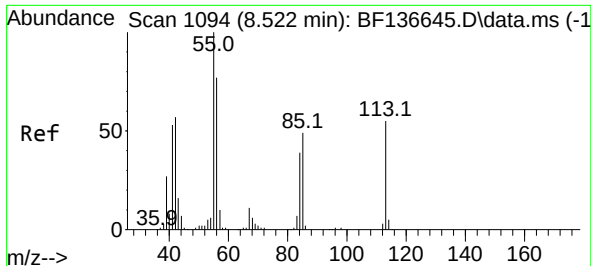
Tgt Ion:127	Resp: 112435
Ion Ratio	Lower Upper
127 100	
129 31.3	26.3 39.5
65 29.1	25.8 38.8
92 19.8	15.8 23.6



#34
Hexachlorobutadiene
Concen: 36.786 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.017 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

Tgt Ion:225	Resp: 96650
Ion Ratio	Lower Upper
225 100	
223 61.9	50.6 76.0
227 62.6	51.9 77.9

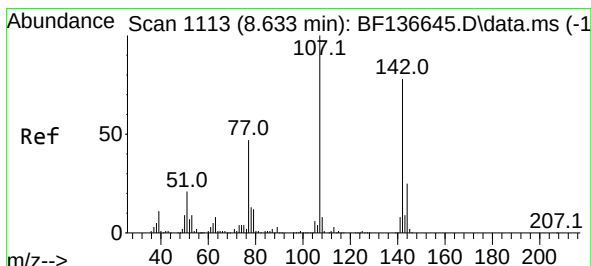
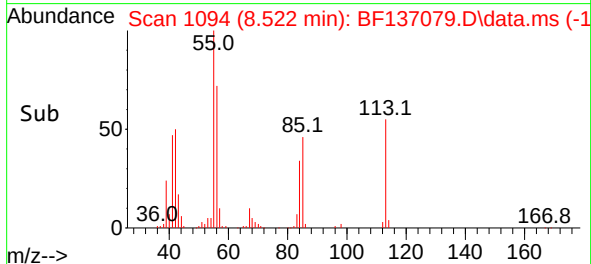
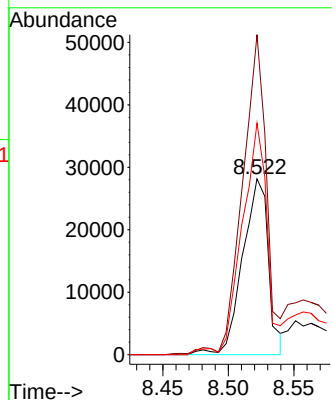
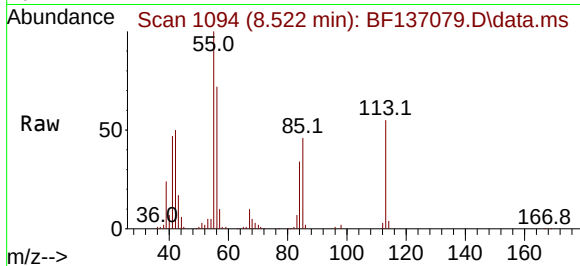




#35
 Caprolactam
 Concen: 29.939 ng
 RT: 8.522 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF137079.D
 Acq: 16 Jan 2024 15:07

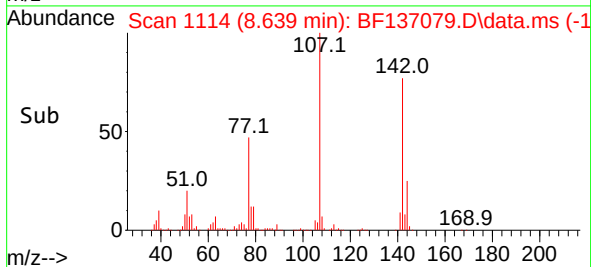
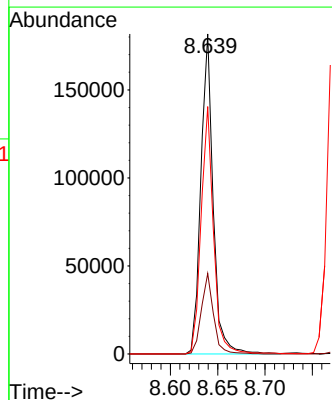
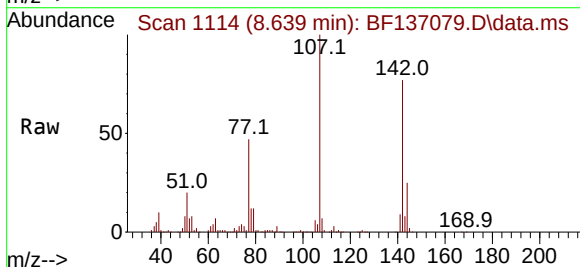
Instrument :
 BNA_F
 ClientSampleId :
 PB158434BS

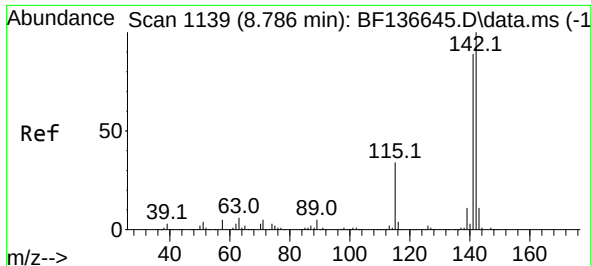
Tgt Ion:113 Resp: 38333
 Ion Ratio Lower Upper
 113 100
 55 181.9 163.1 203.1
 56 131.6 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 37.705 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF137079.D
 Acq: 16 Jan 2024 15:07

Tgt Ion:107 Resp: 164748
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.2 30.2
 142 77.3 62.3 93.5





#37

2-Methylnaphthalene

Concen: 38.332 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

Instrument :

BNA_F

ClientSampleId :

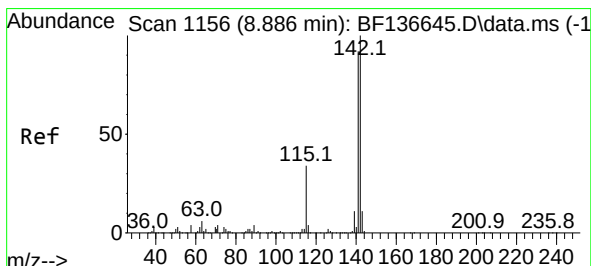
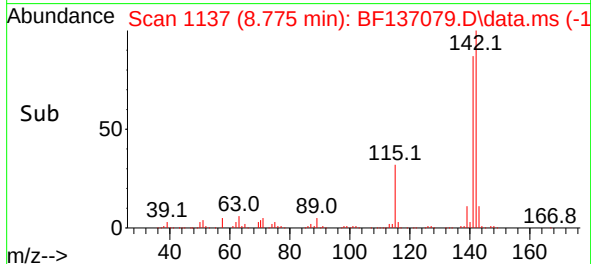
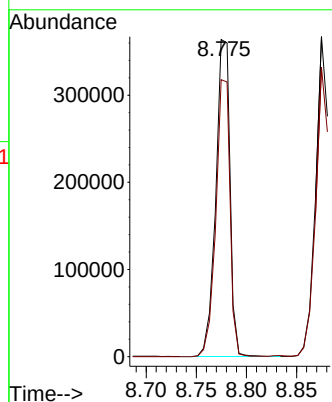
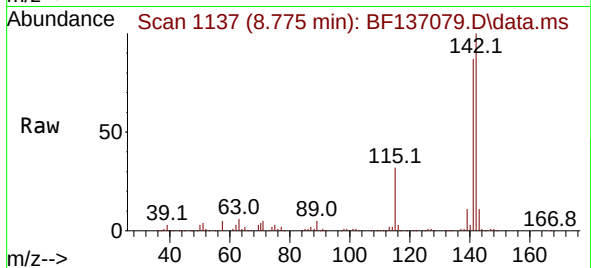
PB158434BS

Tgt Ion:142 Resp: 358314

Ion Ratio Lower Upper

142 100

141 87.4 71.1 106.7



#38

1-Methylnaphthalene

Concen: 35.593 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF137079.D

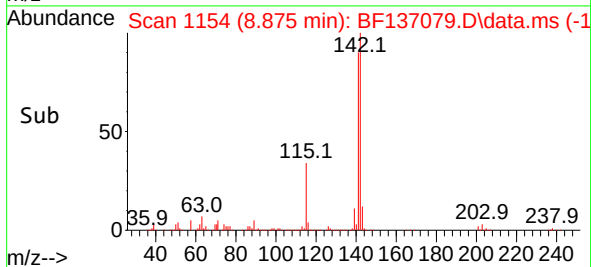
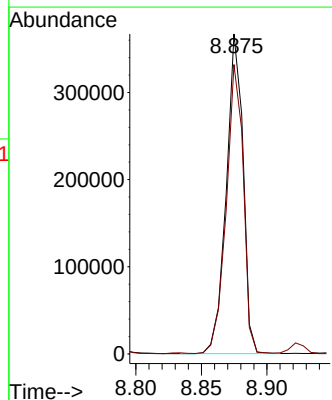
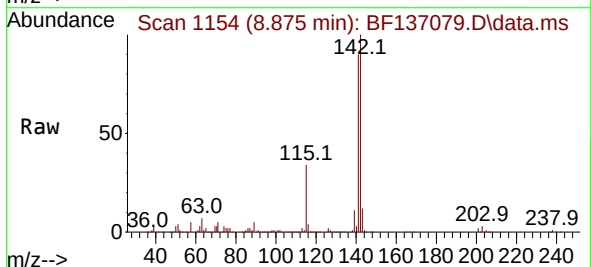
Acq: 16 Jan 2024 15:07

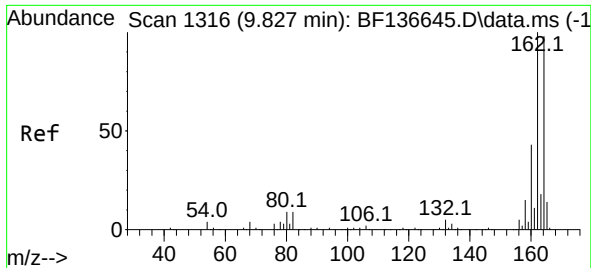
Tgt Ion:142 Resp: 326416

Ion Ratio Lower Upper

142 100

141 90.5 73.6 110.4

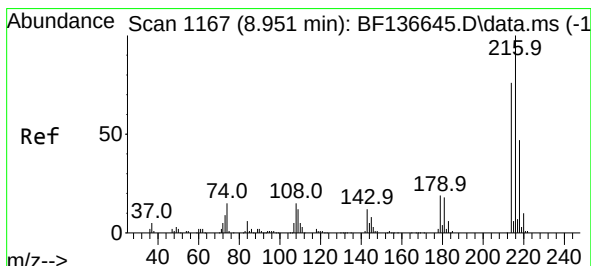
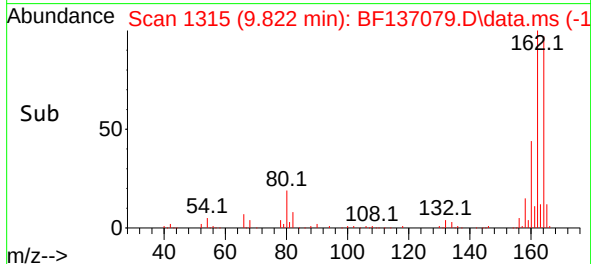
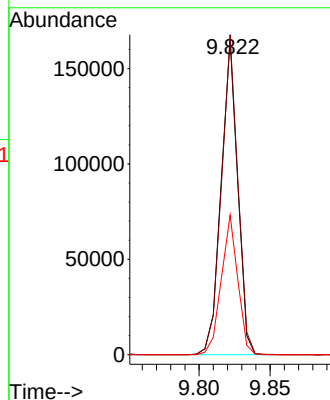
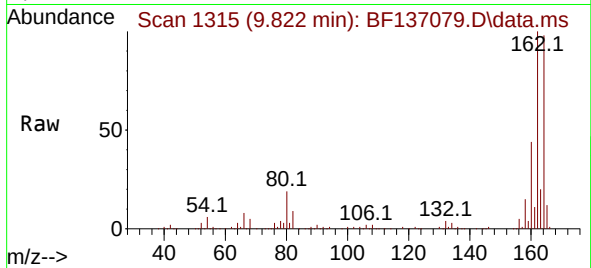




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

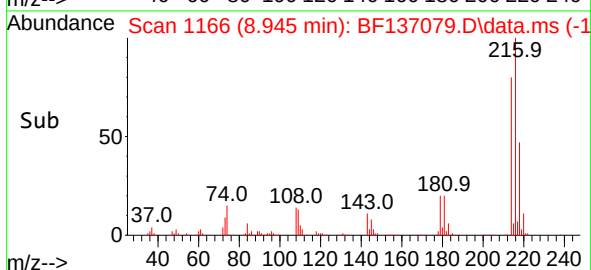
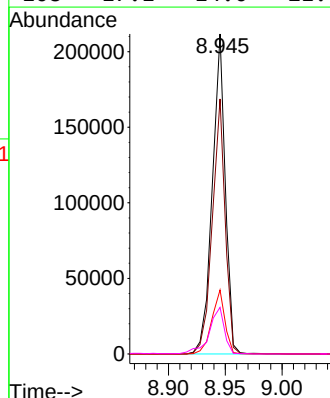
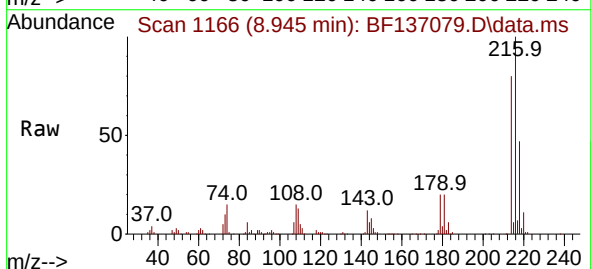
Instrument :
BNA_F
ClientSampleId :
PB158434BS

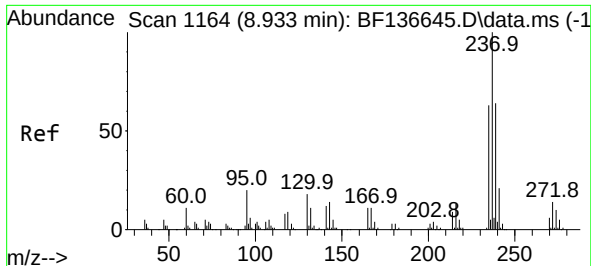
Tgt Ion:164 Resp: 133481
Ion Ratio Lower Upper
164 100
162 101.6 81.6 122.4
160 44.3 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.609 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

Tgt Ion:216 Resp: 167870
Ion Ratio Lower Upper
216 100
214 78.9 62.3 93.5
179 20.1 16.4 24.6
108 17.1 14.0 21.0

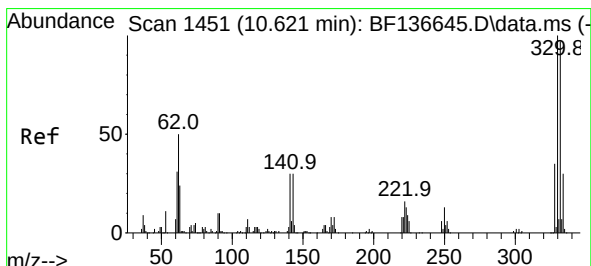
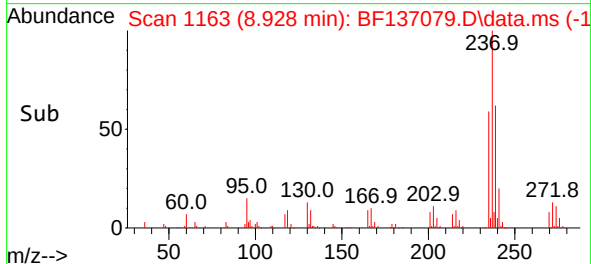
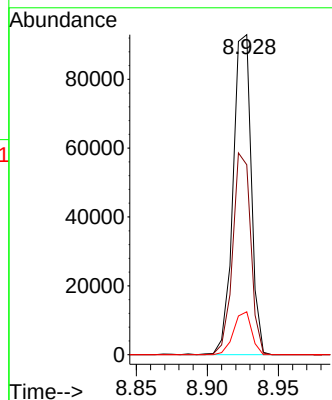
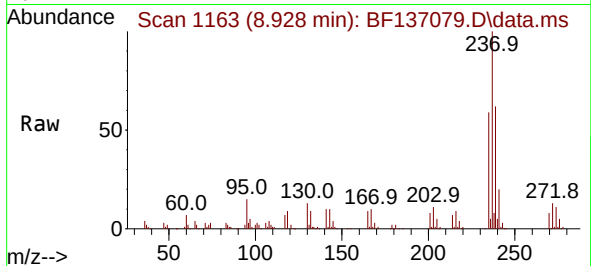




#41
Hexachlorocyclopentadiene
Concen: 63.838 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

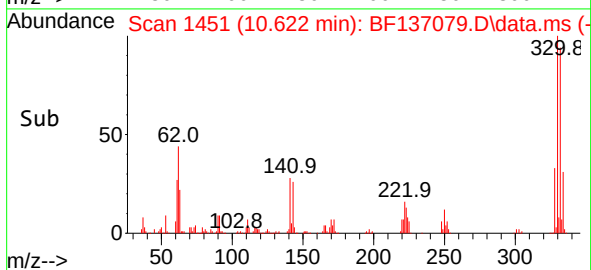
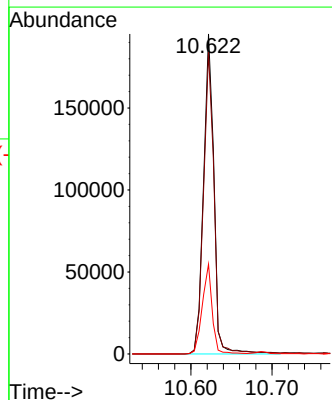
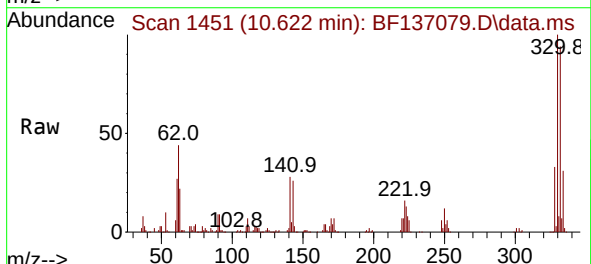
Instrument :
BNA_F
ClientSampleId :
PB158434BS

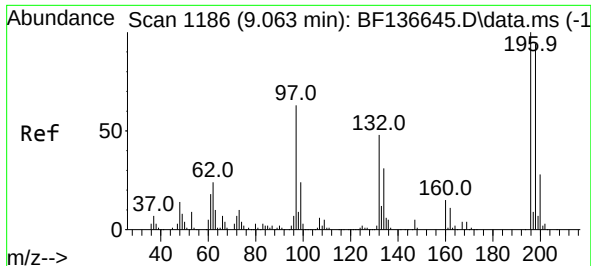
Tgt Ion:237 Resp: 82752
Ion Ratio Lower Upper
237 100
235 59.3 43.2 83.2
272 13.4 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 110.461 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

Tgt Ion:330 Resp: 173648
Ion Ratio Lower Upper
330 100
332 95.7 77.4 116.0
141 26.8 23.4 35.2

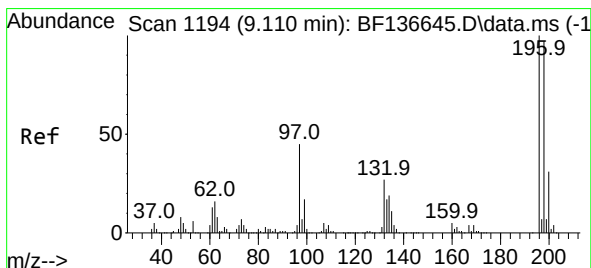
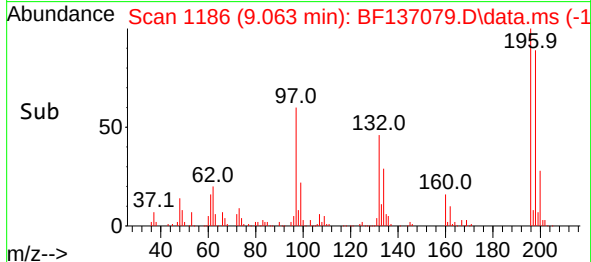
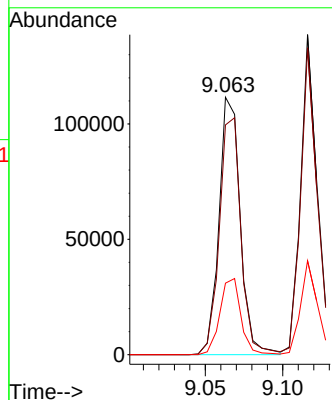
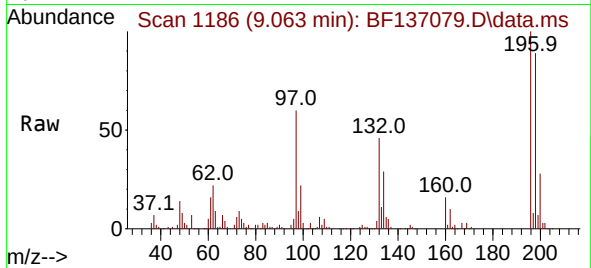




#43
2,4,6-Trichlorophenol
Concen: 40.165 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

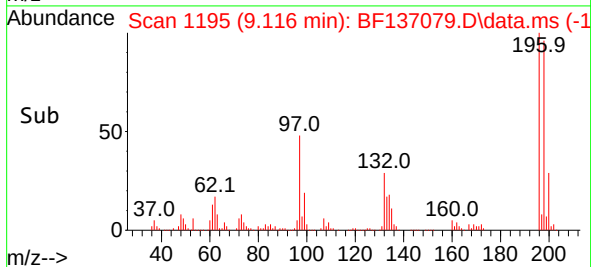
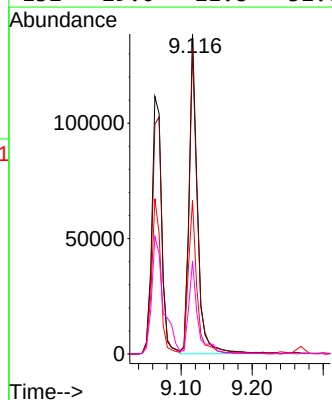
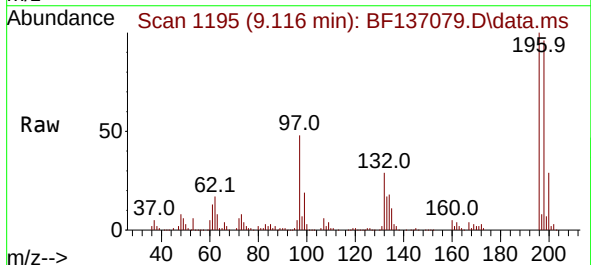
Instrument :
BNA_F
ClientSampleId :
PB158434BS

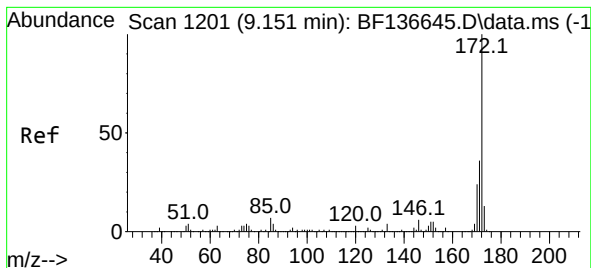
Tgt Ion:196 Resp: 106481
Ion Ratio Lower Upper
196 100
198 89.2 75.1 112.7
200 27.8 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 37.979 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

Tgt Ion:196 Resp: 112200
Ion Ratio Lower Upper
196 100
198 95.9 77.0 115.6
97 48.0 36.1 54.1
132 29.0 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 77.122 ng

RT: 9.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

Instrument :

BNA_F

ClientSampleId :

PB158434BS

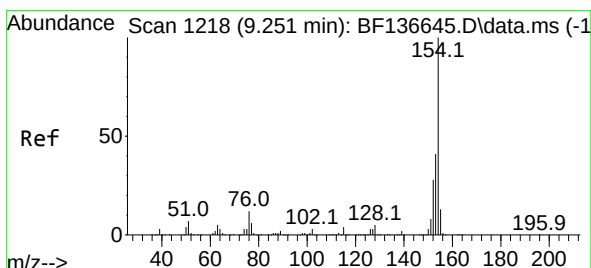
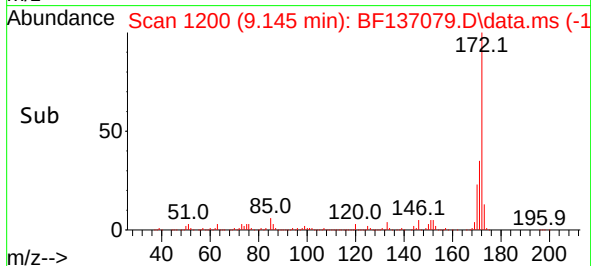
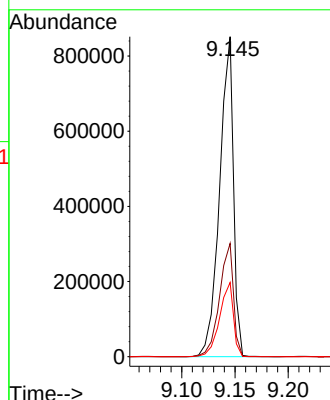
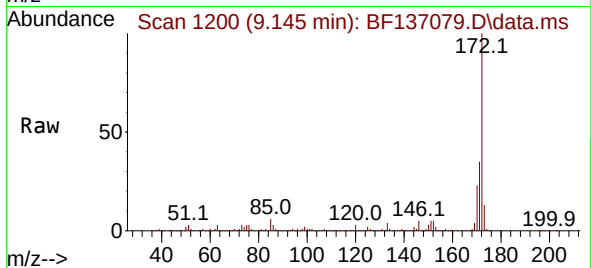
Tgt Ion:172 Resp: 765385

Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.6

170 23.2 19.0 28.4



#46

1,1'-Biphenyl

Concen: 40.141 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

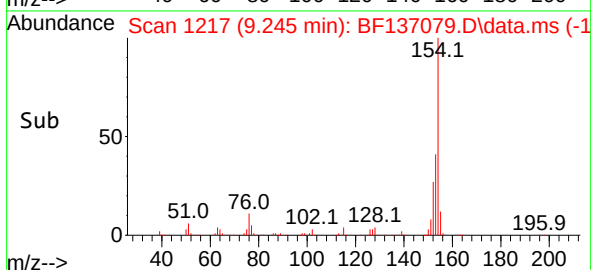
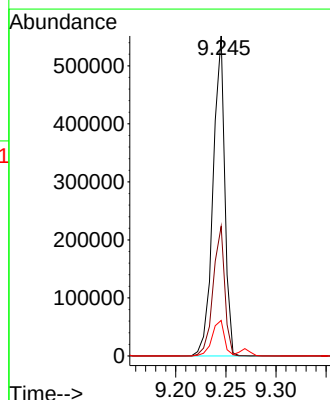
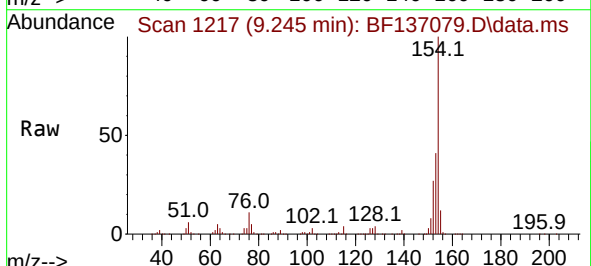
Tgt Ion:154 Resp: 449622

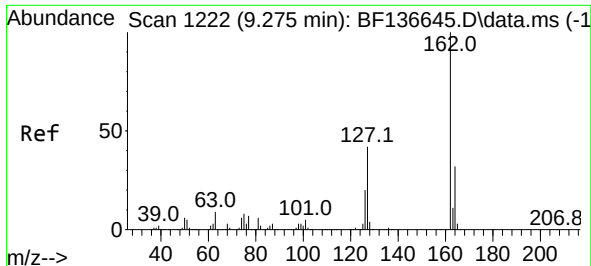
Ion Ratio Lower Upper

154 100

153 40.5 21.1 61.1

76 11.1 0.0 31.7





#47

2-Chloronaphthalene

Concen: 38.559 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

Instrument :

BNA_F

ClientSampleId :

PB158434BS

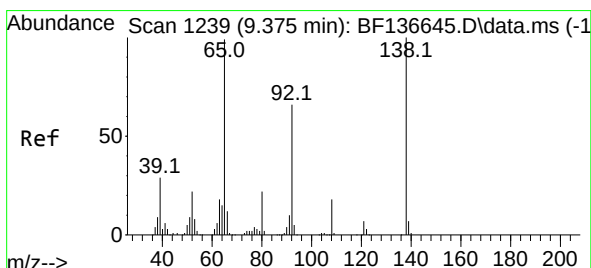
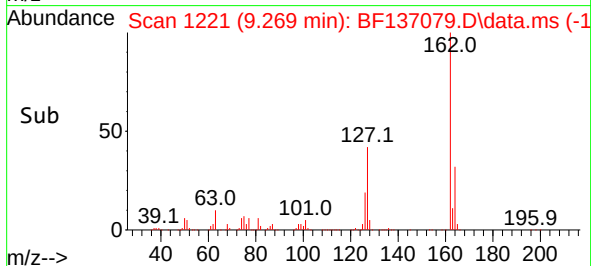
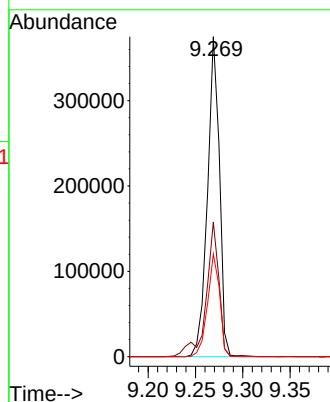
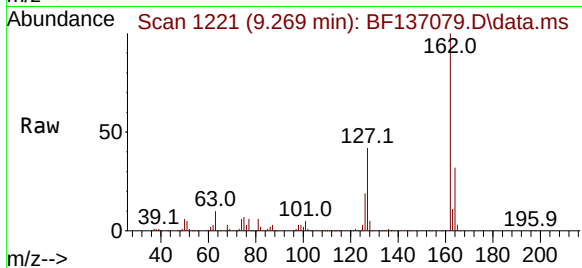
Tgt Ion:162 Resp: 328337

Ion Ratio Lower Upper

162 100

127 42.1 33.6 50.4

164 32.1 25.7 38.5



#48

2-Nitroaniline

Concen: 37.695 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

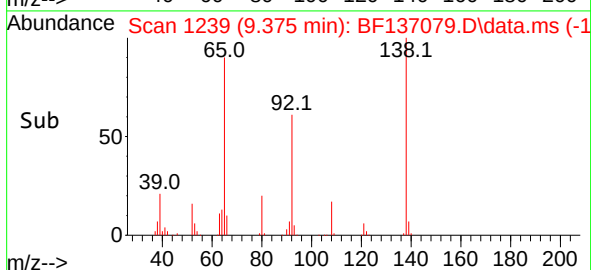
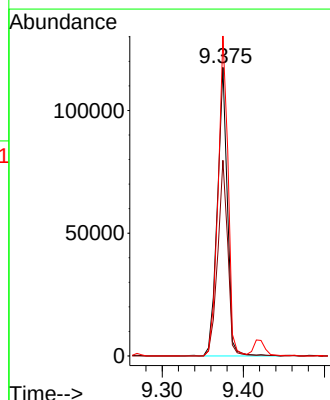
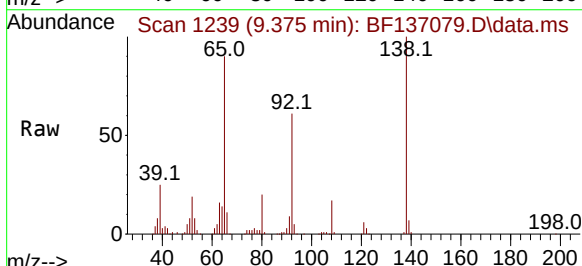
Tgt Ion: 65 Resp: 100514

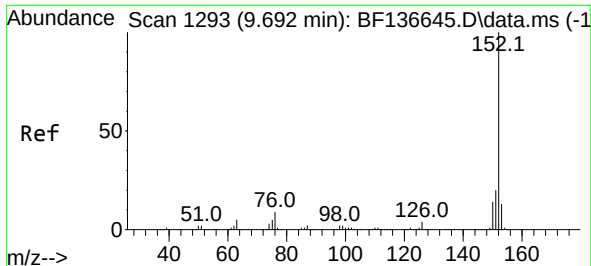
Ion Ratio Lower Upper

65 100

92 67.8 53.2 79.8

138 110.9 81.1 121.7

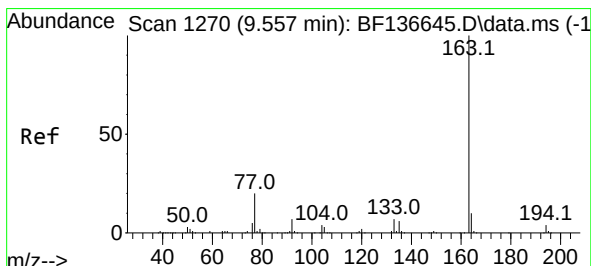
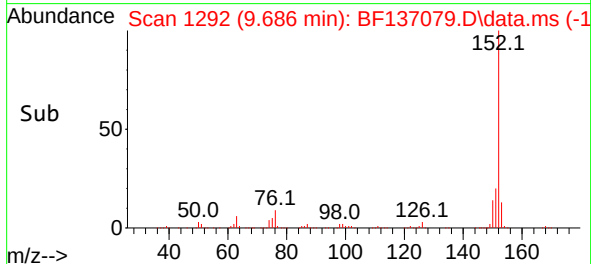
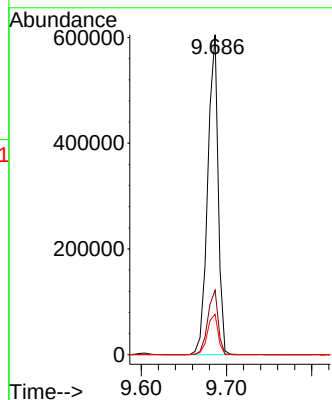
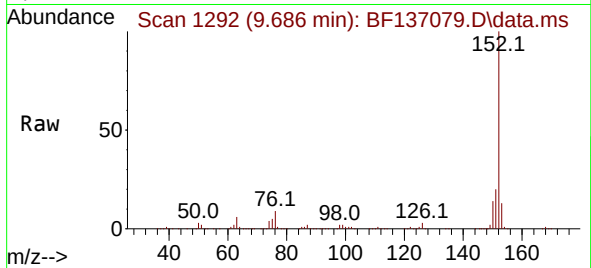




#49
Acenaphthylene
Concen: 39.295 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

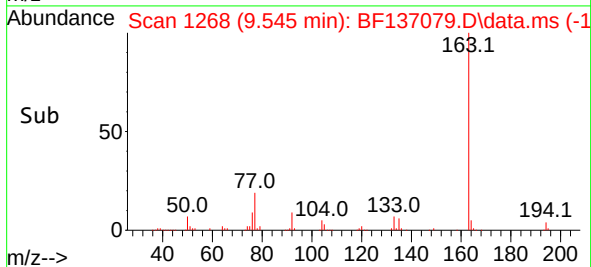
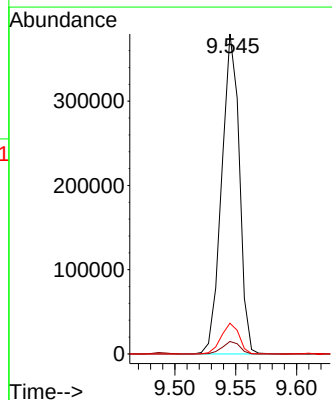
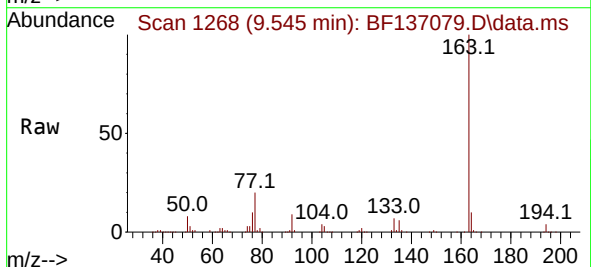
Instrument :
BNA_F
ClientSampleId :
PB158434BS

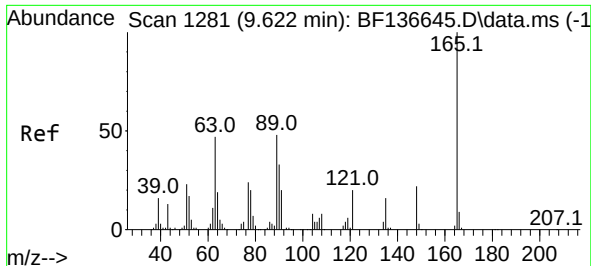
Tgt Ion:152 Resp: 511441
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 12.7 10.2 15.2



#50
Dimethylphthalate
Concen: 39.354 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

Tgt Ion:163 Resp: 383694
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.6 7.8 11.6

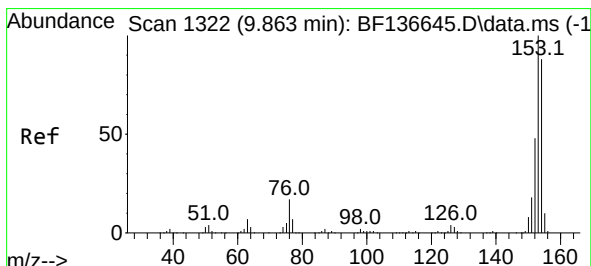
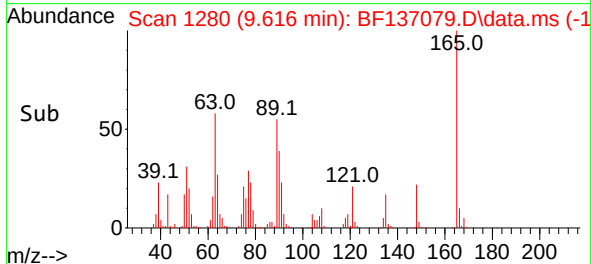
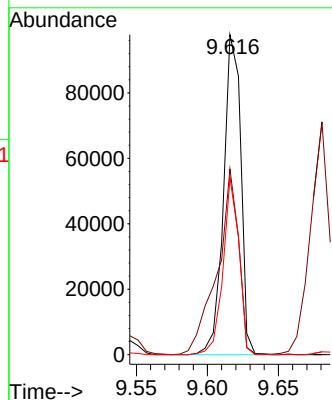
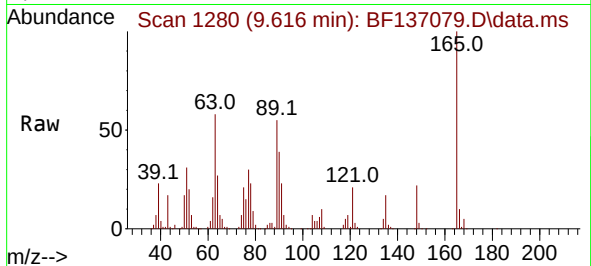




#51
2,6-Dinitrotoluene
Concen: 37.180 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

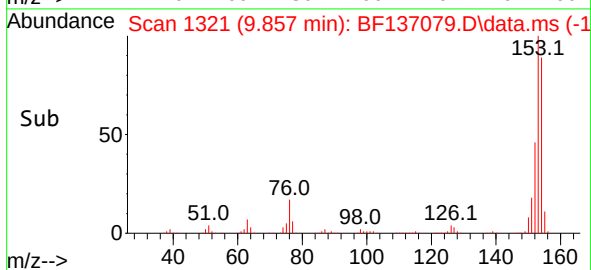
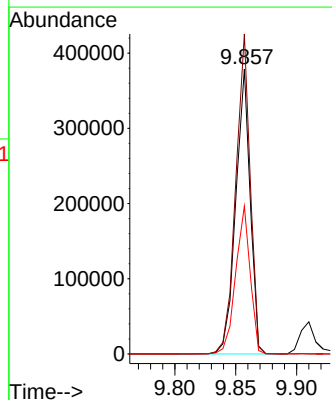
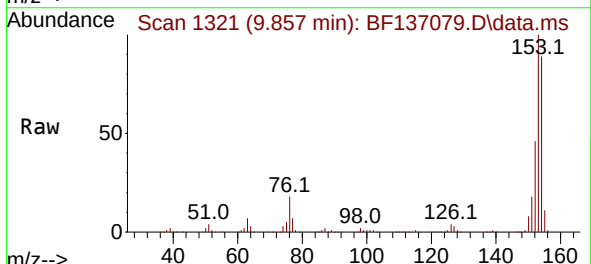
Instrument :
BNA_F
ClientSampleId :
PB158434BS

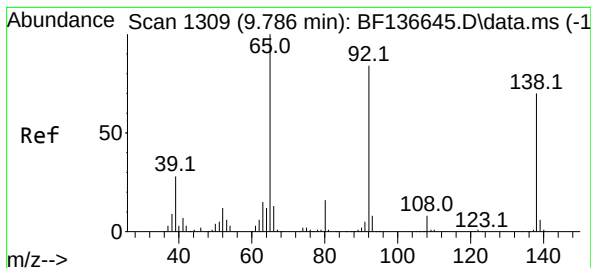
Tgt Ion:165 Resp: 82269
Ion Ratio Lower Upper
165 100
63 58.0 39.8 59.6
89 55.3 38.8 58.2



#52
Acenaphthene
Concen: 38.599 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

Tgt Ion:154 Resp: 311421
Ion Ratio Lower Upper
154 100
153 112.3 90.7 136.1
152 51.9 43.7 65.5





#53

3-Nitroaniline

Concen: 28.059 ng

RT: 9.786 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

Instrument :

BNA_F

ClientSampleId :

PB158434BS

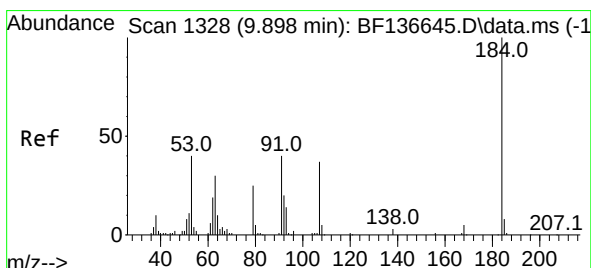
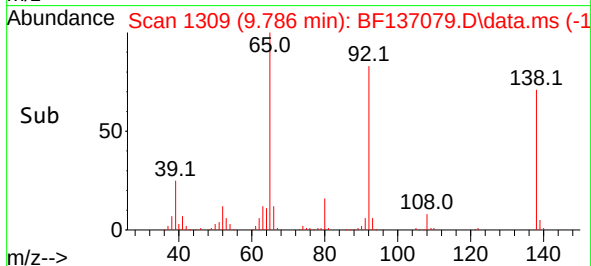
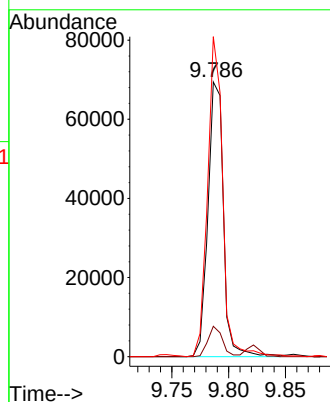
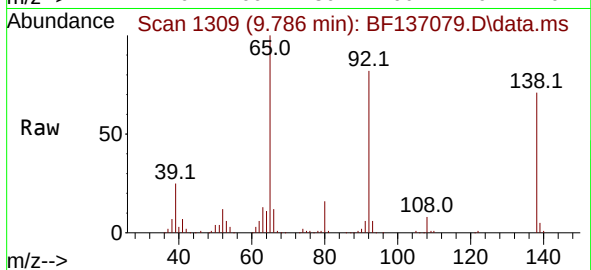
Tgt Ion:138 Resp: 65770

Ion Ratio Lower Upper

138 100

108 11.1 8.6 12.8

92 116.5 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 60.734 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.012 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

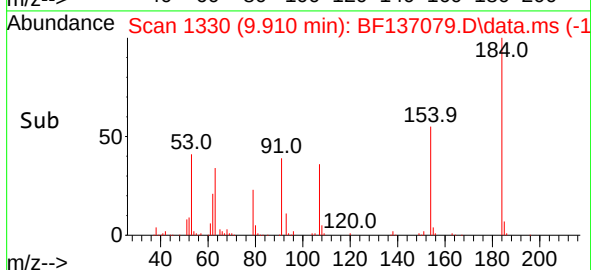
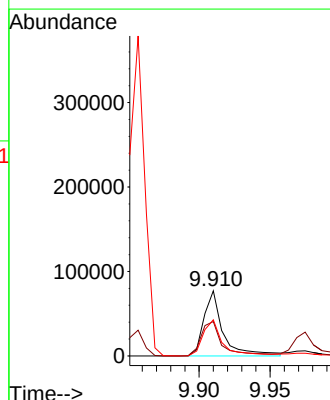
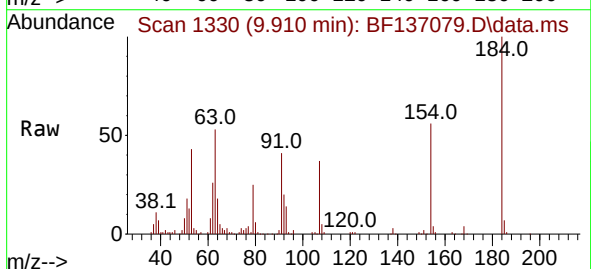
Tgt Ion:184 Resp: 73324

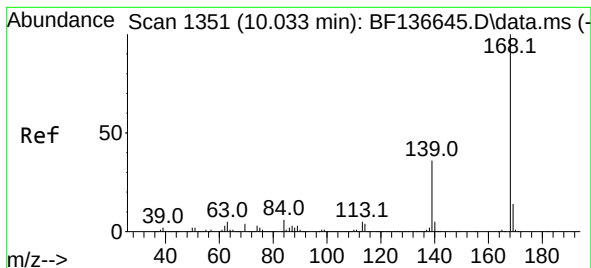
Ion Ratio Lower Upper

184 100

63 52.8 40.9 61.3

154 55.5 42.7 64.1





#55

Dibenzofuran

Concen: 38.797 ng

RT: 10.034 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

Instrument :

BNA_F

ClientSampleId :

PB158434BS

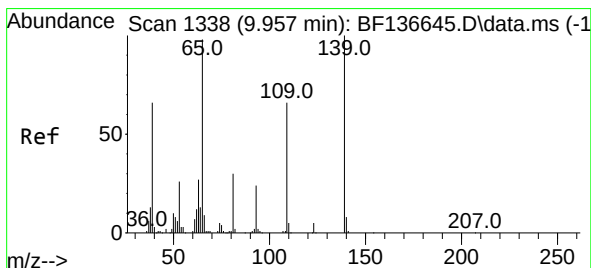
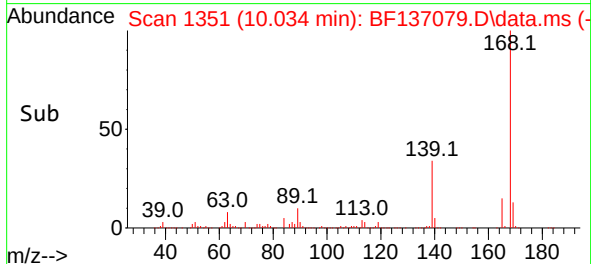
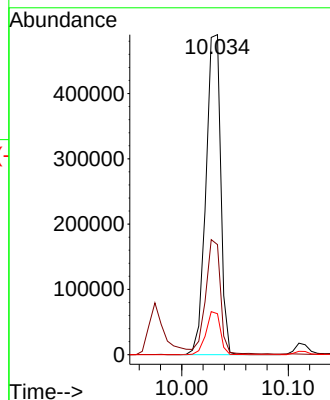
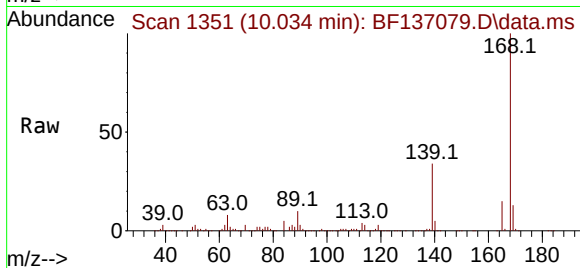
Tgt Ion:168 Resp: 474489

Ion Ratio Lower Upper

168 100

139 34.4 29.3 43.9

169 12.8 11.0 16.4



#56

4-Nitrophenol

Concen: 52.724 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.018 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

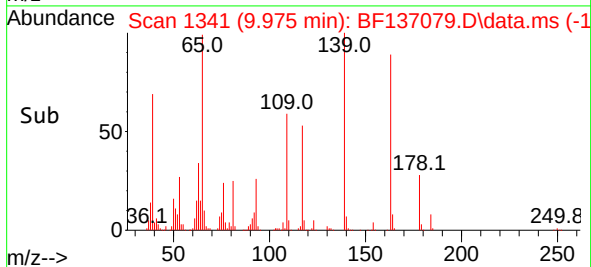
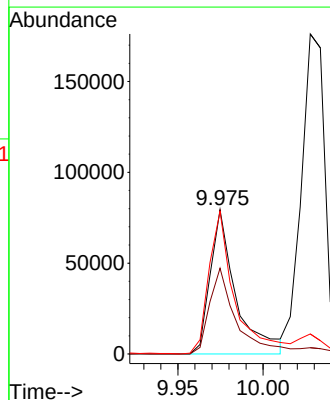
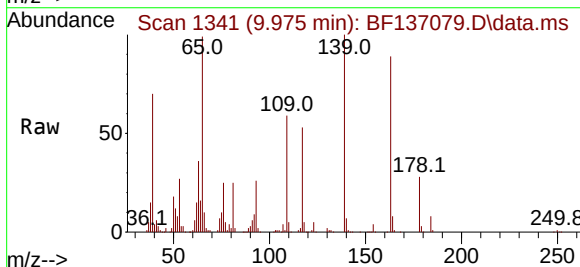
Tgt Ion:139 Resp: 83427

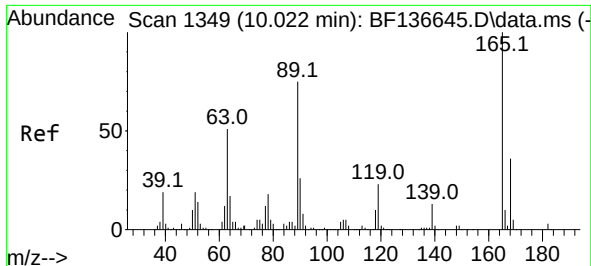
Ion Ratio Lower Upper

139 100

109 59.5 45.8 85.8

65 98.9 77.8 117.8

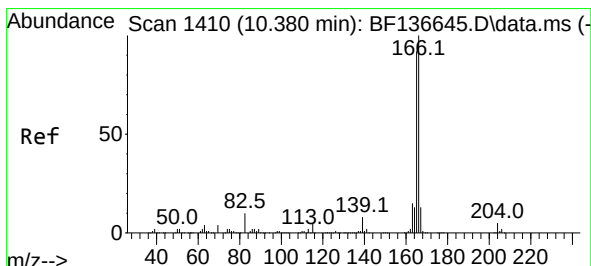
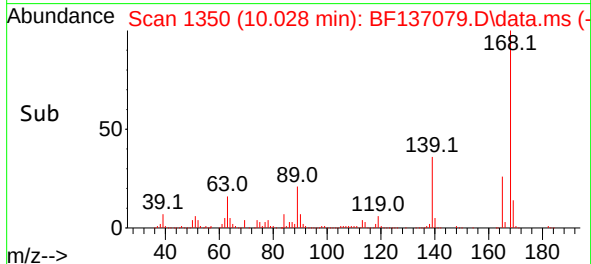
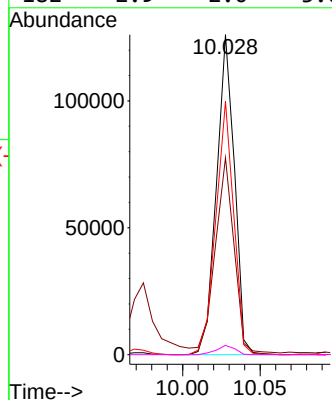
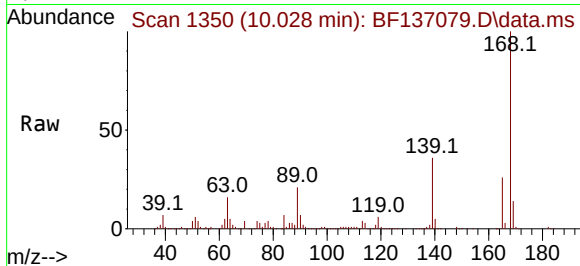




#57
2,4-Dinitrotoluene
Concen: 35.327 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

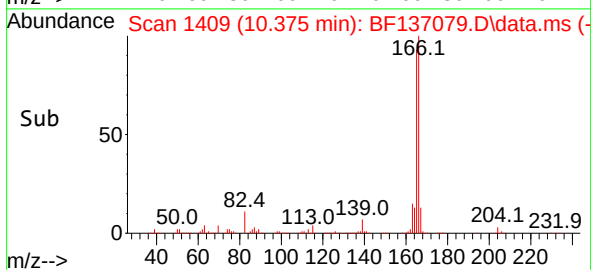
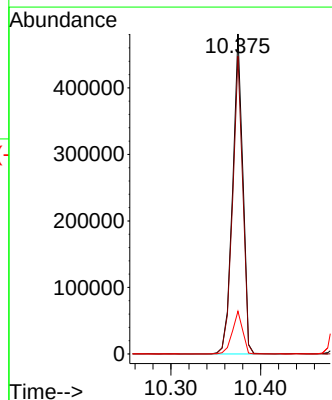
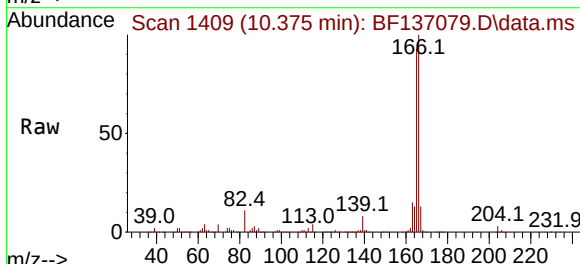
Instrument :
BNA_F
ClientSampleId :
PB158434BS

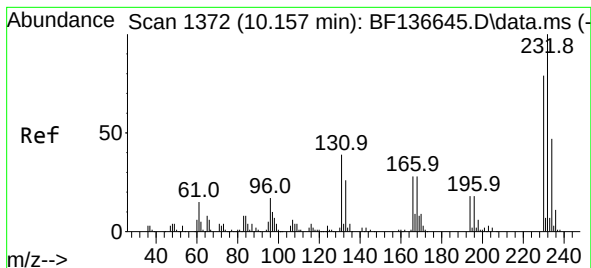
Tgt Ion:165 Resp: 101477
Ion Ratio Lower Upper
165 100
63 61.6 41.0 61.6
89 79.2 59.9 89.9
182 2.9 2.0 3.0



#58
Fluorene
Concen: 39.185 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

Tgt Ion:166 Resp: 380257
Ion Ratio Lower Upper
166 100
165 93.0 73.7 110.5
167 13.4 10.4 15.6

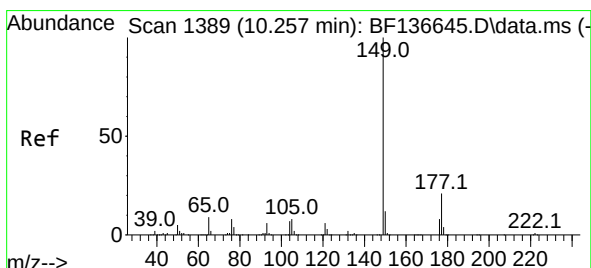
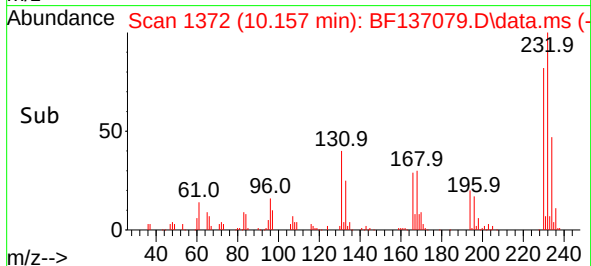
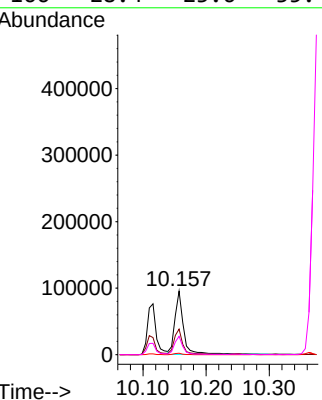
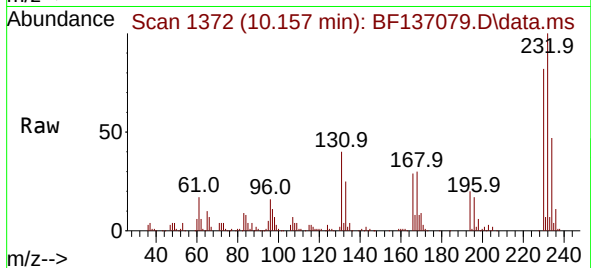




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.046 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

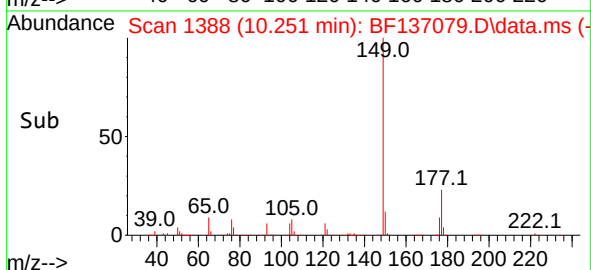
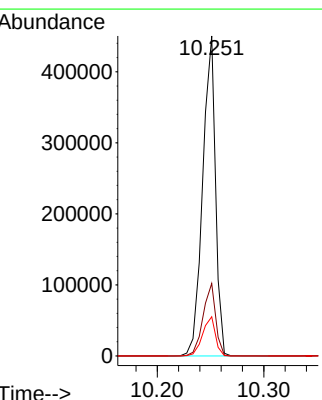
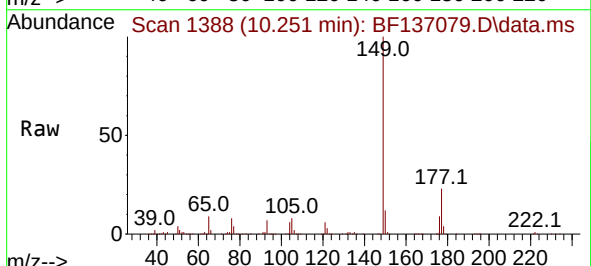
Instrument :
BNA_F
ClientSampleId :
PB158434BS

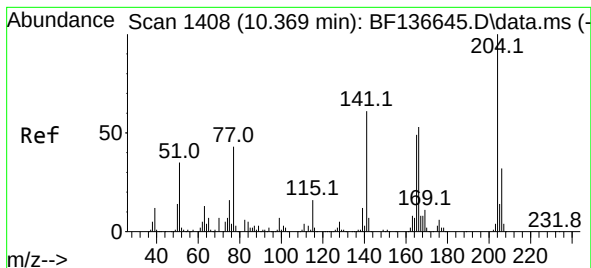
Tgt Ion:232 Resp: 91070
Ion Ratio Lower Upper
232 100
131 40.4 35.1 52.7
130 2.2 1.6 2.4
166 28.4 23.6 35.4



#60
Diethylphthalate
Concen: 37.224 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

Tgt Ion:149 Resp: 376559
Ion Ratio Lower Upper
149 100
177 22.7 16.9 25.3
150 12.2 9.3 13.9

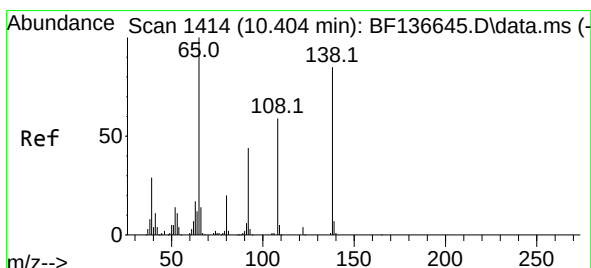
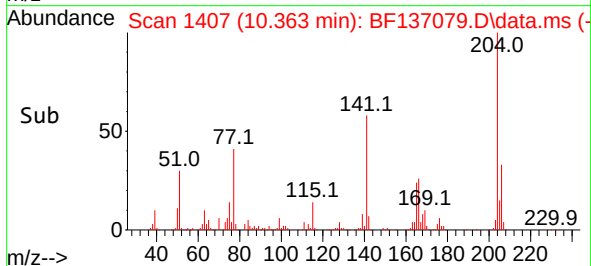
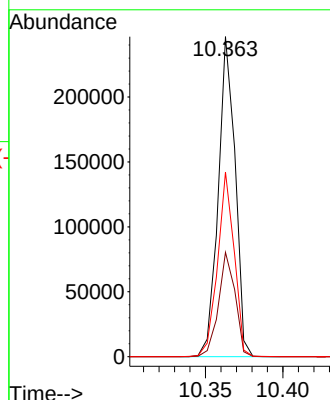
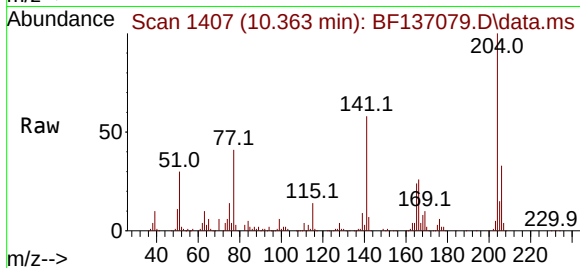




#61
4-Chlorophenyl-phenylether
Concen: 39.539 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

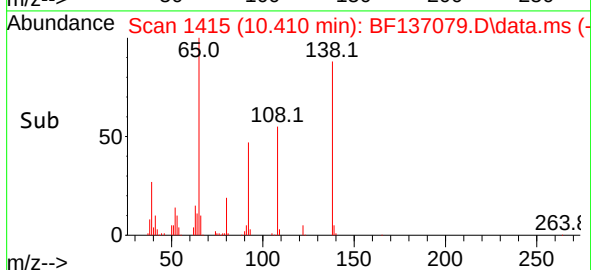
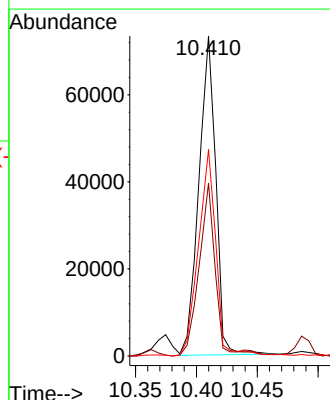
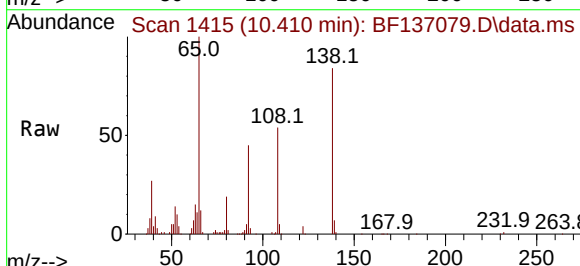
Instrument :
BNA_F
ClientSampleId :
PB158434BS

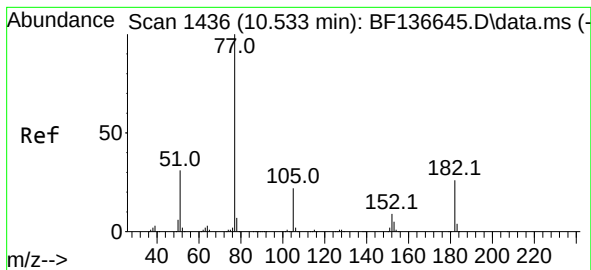
Tgt Ion:204 Resp: 186498
Ion Ratio Lower Upper
204 100
206 32.6 25.6 38.4
141 57.7 48.4 72.6



#62
4-Nitroaniline
Concen: 31.403 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

Tgt Ion:138 Resp: 70959
Ion Ratio Lower Upper
138 100
92 54.0 32.1 72.1
108 64.5 50.1 90.1

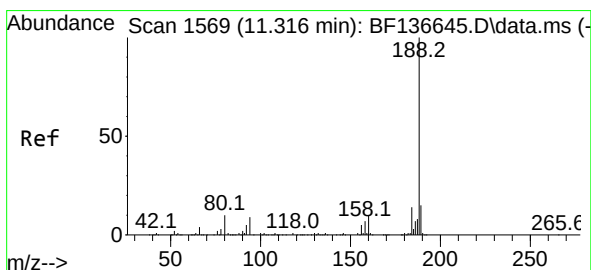
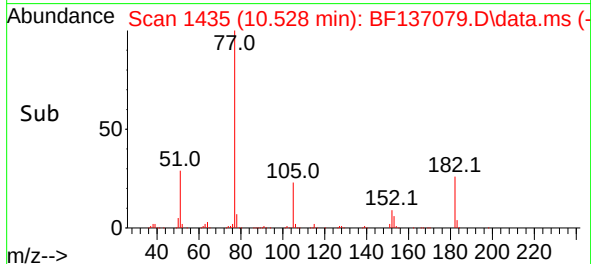
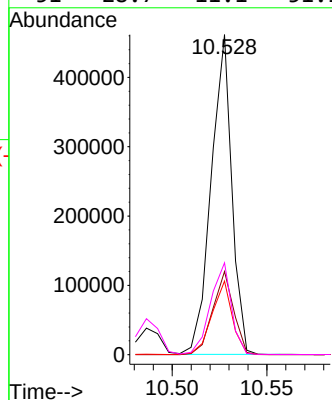
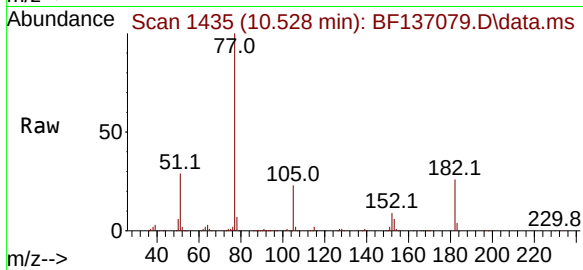




#63
Azobenzene
Concen: 36.993 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

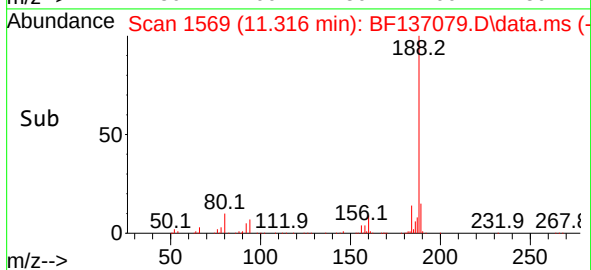
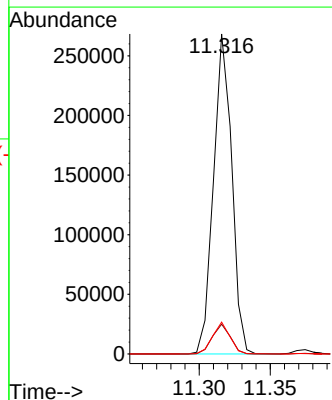
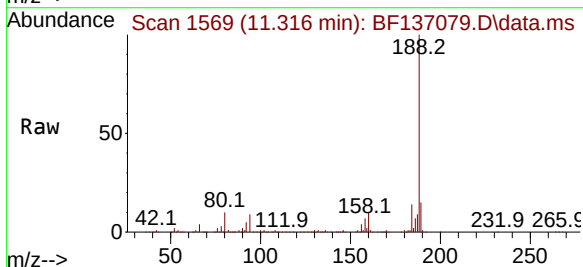
Instrument :
BNA_F
ClientSampleId :
PB158434BS

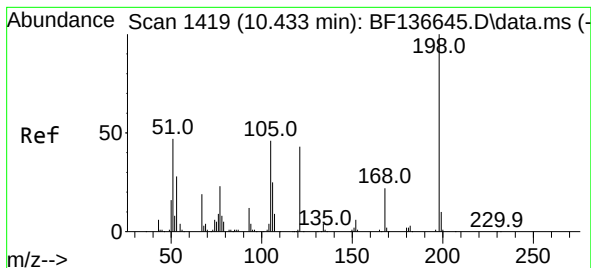
Tgt Ion: 77	Resp: 349522
Ion Ratio	Lower Upper
77 100	
182 26.0	6.0 46.0
105 23.0	2.3 42.3
51 28.7	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

Tgt Ion:188	Resp: 239446
Ion Ratio	Lower Upper
188 100	
94 9.3	7.5 11.3
80 10.0	8.1 12.1

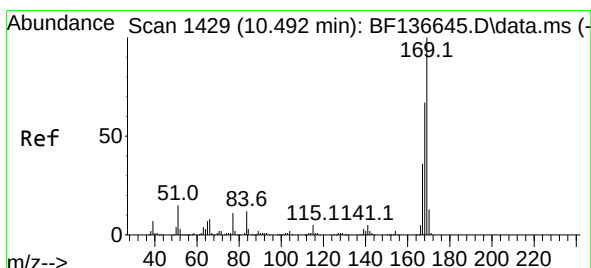
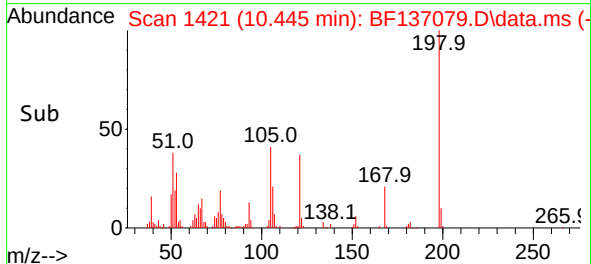
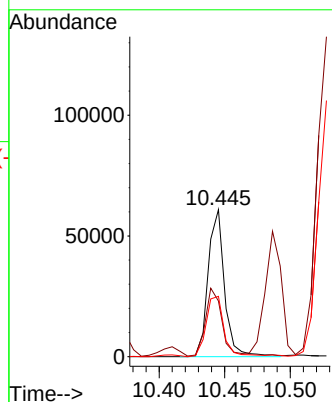
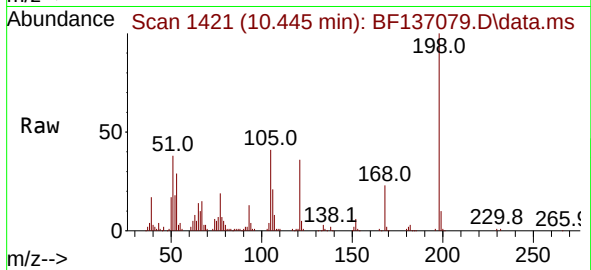




#65
4,6-Dinitro-2-methylphenol
Concen: 38.697 ng
RT: 10.445 min Scan# 1419
Delta R.T. 0.012 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

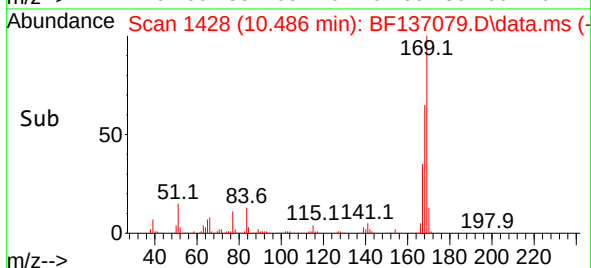
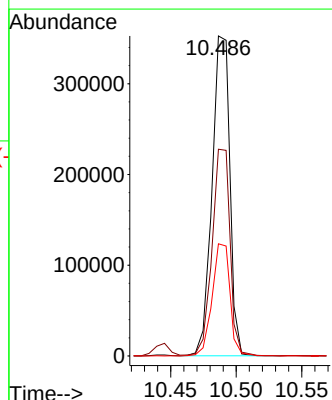
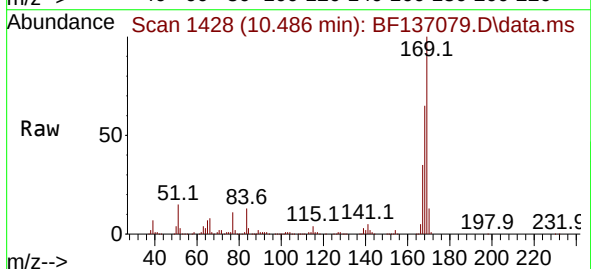
Instrument :
BNA_F
ClientSampleId :
PB158434BS

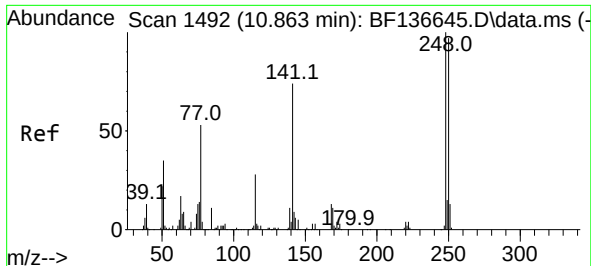
Tgt Ion:198 Resp: 53103
Ion Ratio Lower Upper
198 100
51 37.8 34.1 74.1
105 41.0 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 42.764 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

Tgt Ion:169 Resp: 332629
Ion Ratio Lower Upper
169 100
168 64.6 53.8 80.6
167 35.1 28.7 43.1

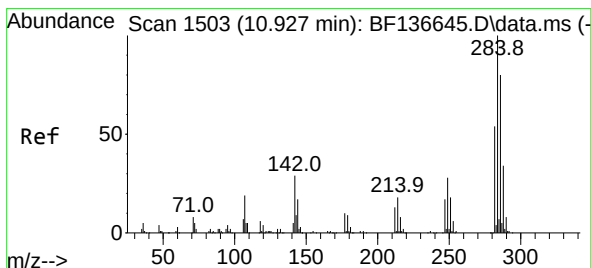
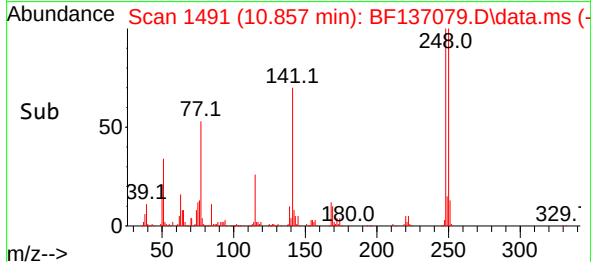
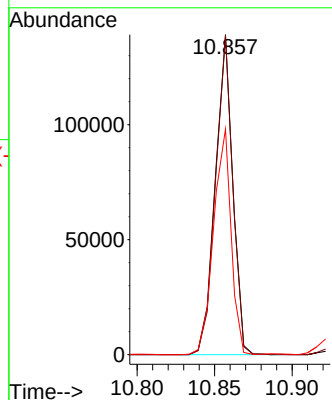
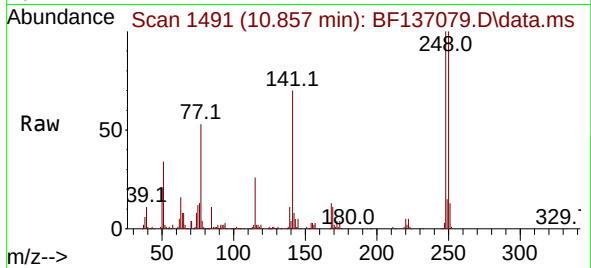




#67
4-Bromophenyl-phenylether
Concen: 41.022 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

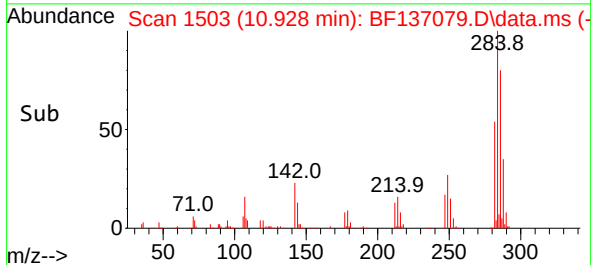
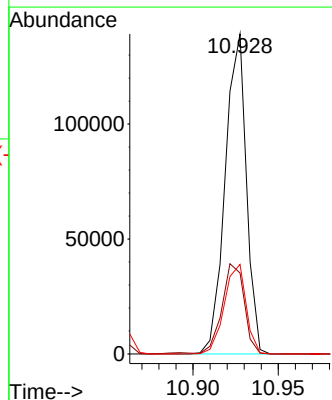
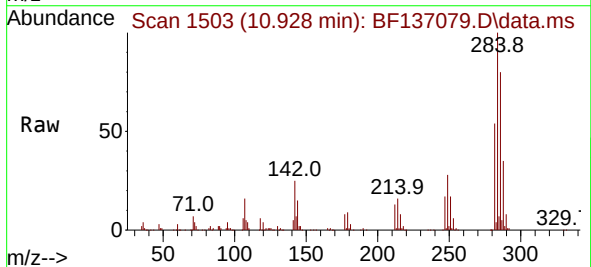
Instrument :
BNA_F
ClientSampleId :
PB158434BS

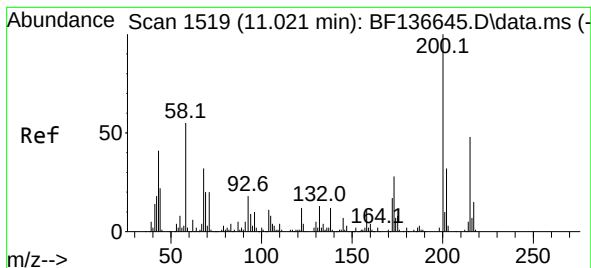
Tgt Ion:248 Resp: 109087
Ion Ratio Lower Upper
248 100
250 99.8 77.8 116.6
141 70.5 59.2 88.8



#68
Hexachlorobenzene
Concen: 40.590 ng
RT: 10.928 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

Tgt Ion:284 Resp: 120288
Ion Ratio Lower Upper
284 100
142 25.3 23.4 35.0
249 28.0 22.3 33.5





#69

Atrazine

Concen: 67.422 ng

RT: 11.028 min Scan# 1519

Delta R.T. 0.006 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

Instrument :

BNA_F

ClientSampleId :

PB158434BS

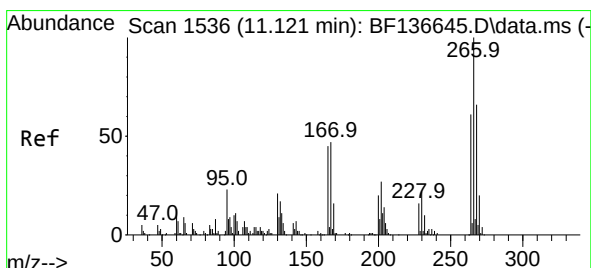
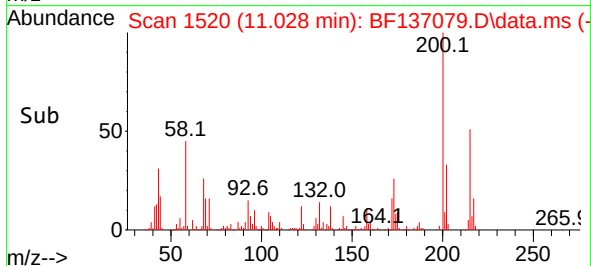
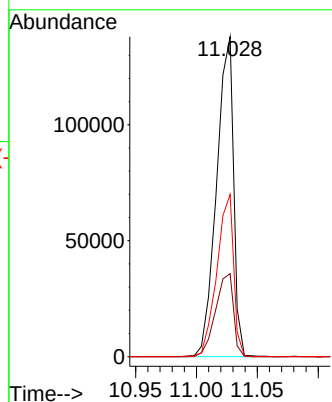
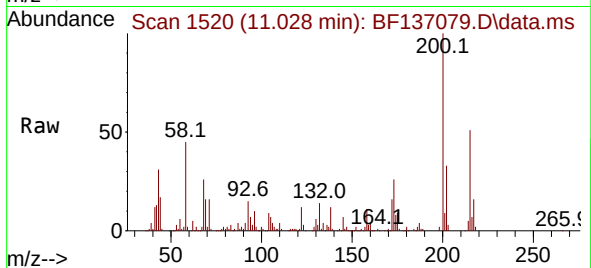
Tgt Ion:200 Resp: 134134

Ion Ratio Lower Upper

200 100

173 25.9 7.6 47.6

215 50.7 28.3 68.3



#70

Pentachlorophenol

Concen: 66.040 ng

RT: 11.128 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

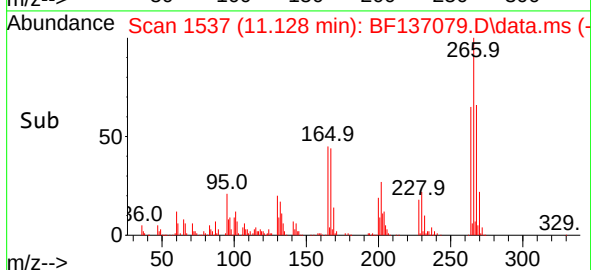
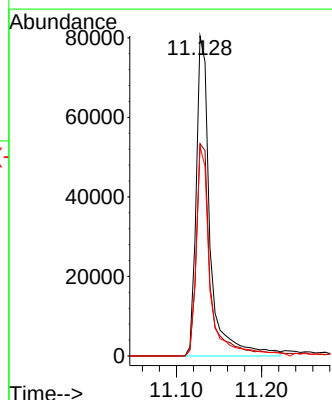
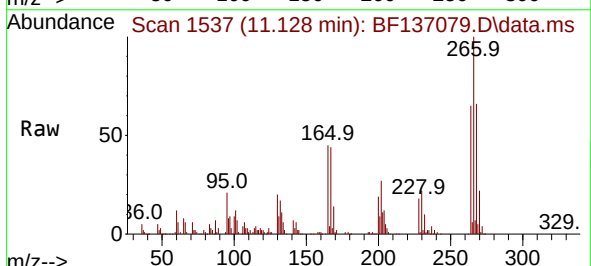
Tgt Ion:266 Resp: 91222

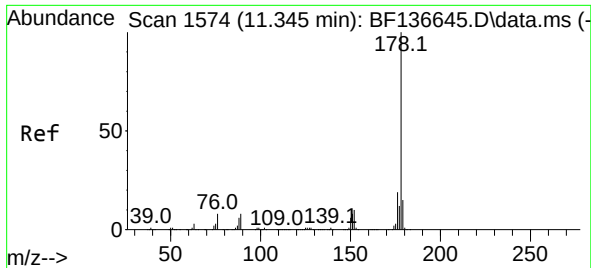
Ion Ratio Lower Upper

266 100

268 66.3 52.6 78.8

264 65.4 49.0 73.4

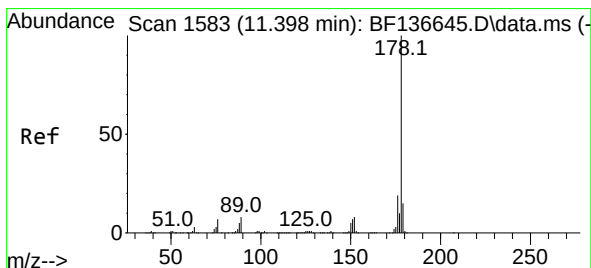
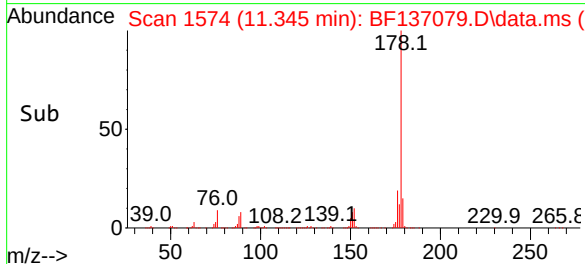
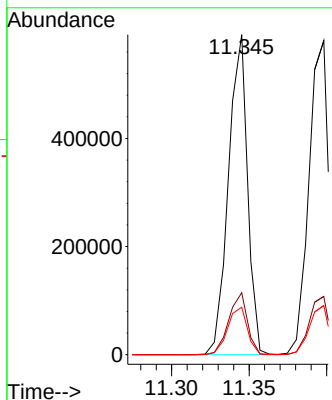
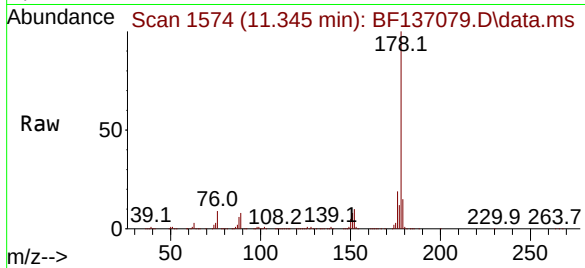




#71
Phenanthrene
Concen: 41.240 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

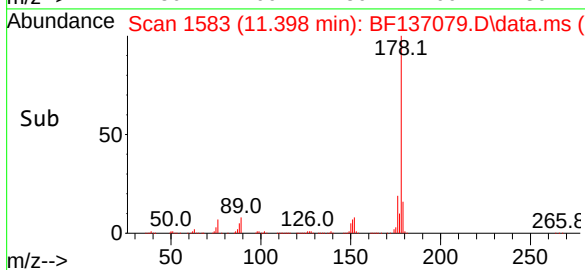
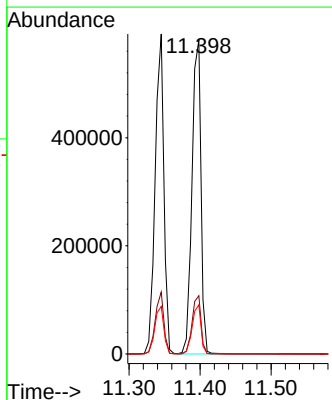
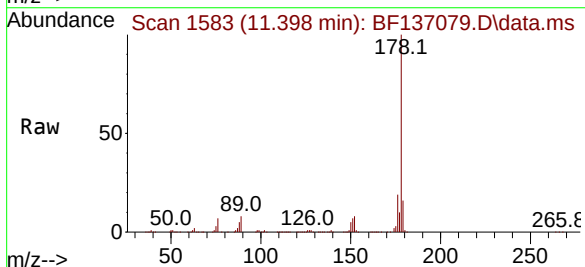
Instrument :
BNA_F
ClientSampleId :
PB158434BS

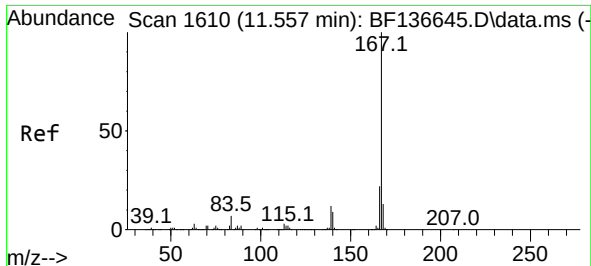
Tgt Ion:178 Resp: 506685
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 14.9 11.9 17.9



#72
Anthracene
Concen: 41.271 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

Tgt Ion:178 Resp: 513520
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.6 11.8 17.6

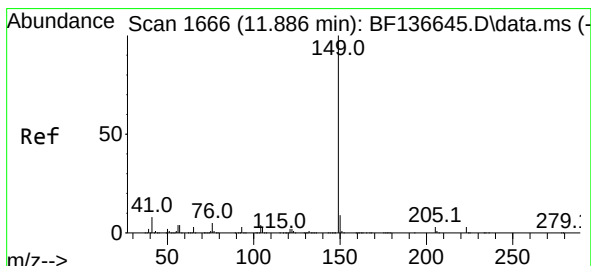
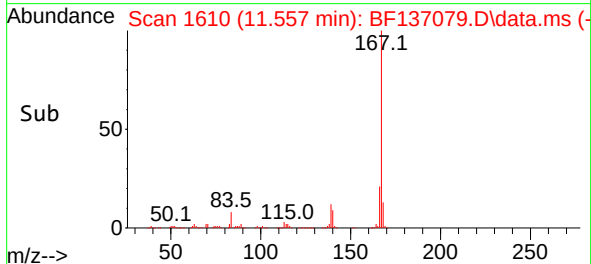
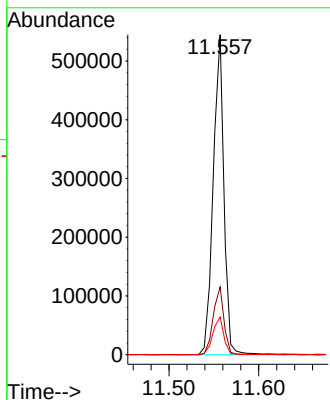
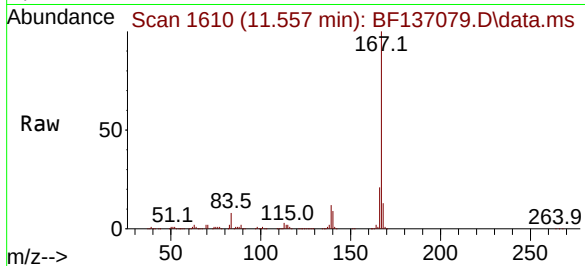




#73
 Carbazole
 Concen: 38.488 ng
 RT: 11.557 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF137079.D
 Acq: 16 Jan 2024 15:07

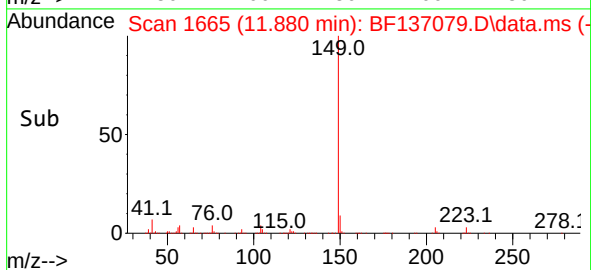
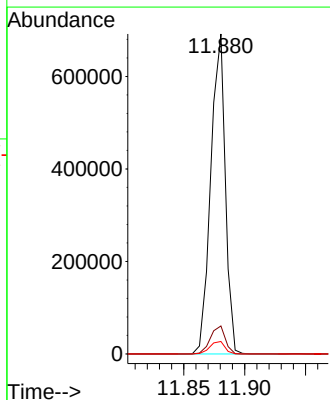
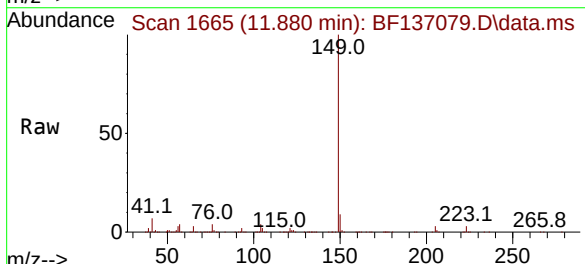
Instrument :
 BNA_F
 ClientSampleId :
 PB158434BS

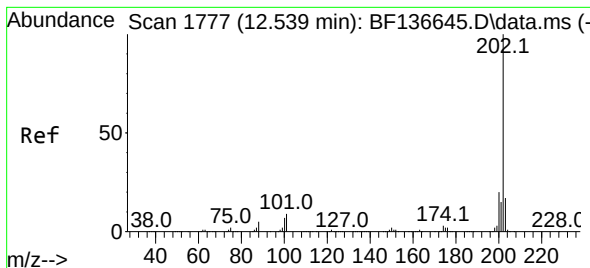
Tgt Ion:167 Resp: 451504
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.3 25.9
 139 11.7 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 40.100 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF137079.D
 Acq: 16 Jan 2024 15:07

Tgt Ion:149 Resp: 574015
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.2
 104 3.9 3.6 5.4





#75

Fluoranthene

Concen: 37.485 ng

RT: 12.539 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

Instrument :

BNA_F

ClientSampleId :

PB158434BS

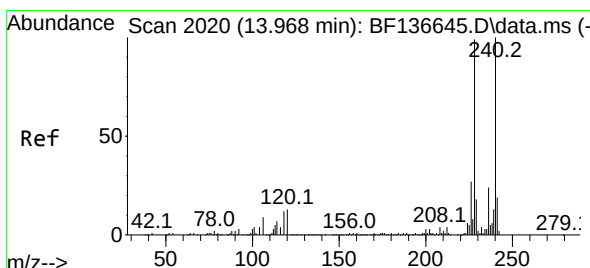
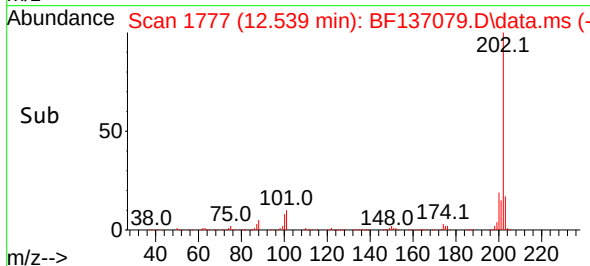
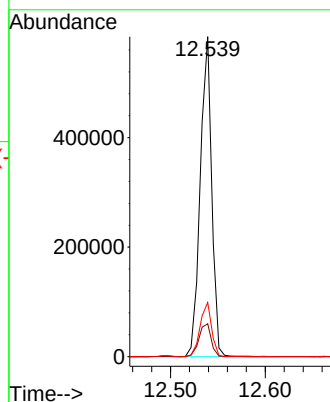
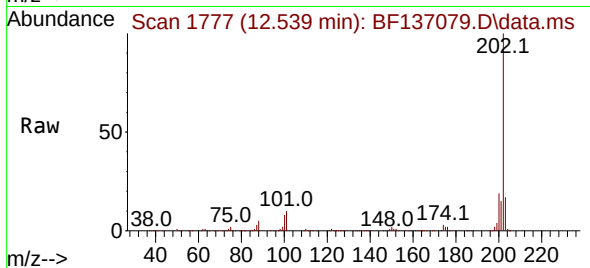
Tgt Ion:202 Resp: 492631

Ion Ratio Lower Upper

202 100

101 10.3 0.0 29.3

203 16.9 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

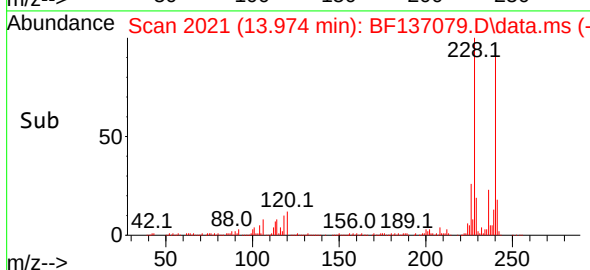
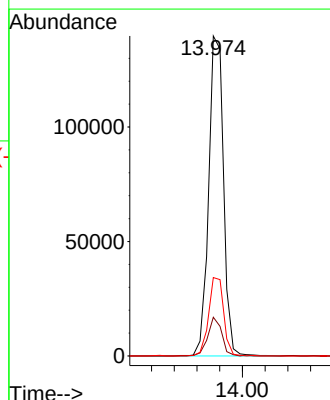
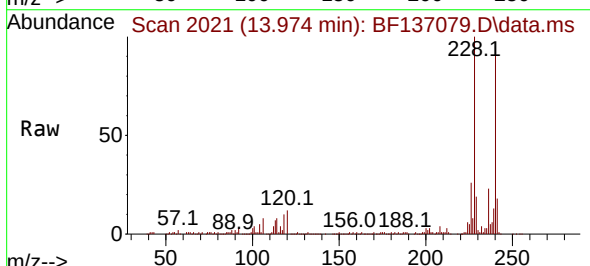
Tgt Ion:240 Resp: 126638

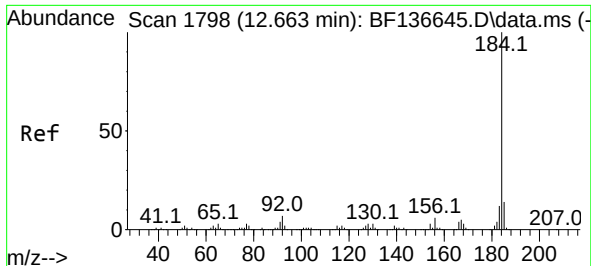
Ion Ratio Lower Upper

240 100

120 12.1 10.3 15.5

236 24.5 19.4 29.2

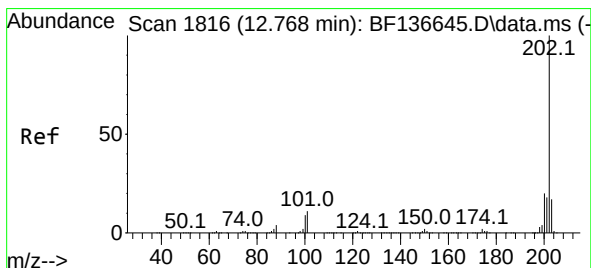
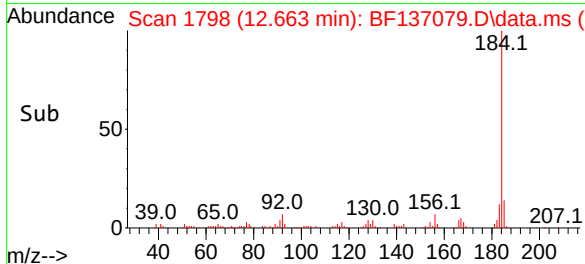
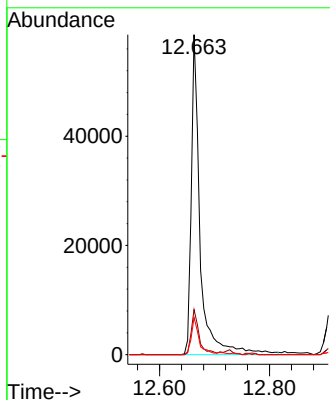
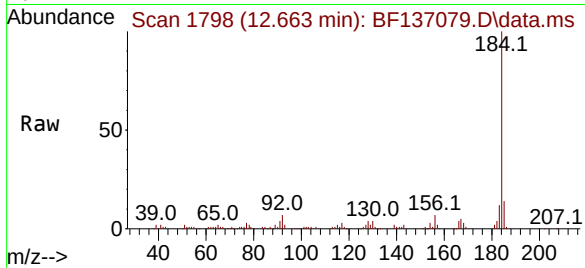




#77
Benzidine
Concen: 17.451 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

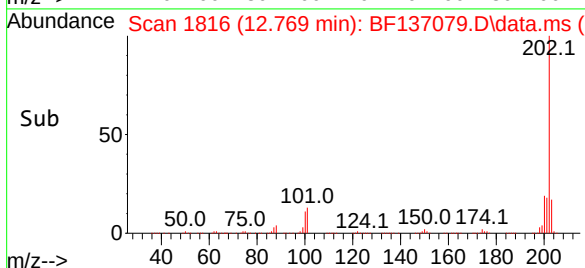
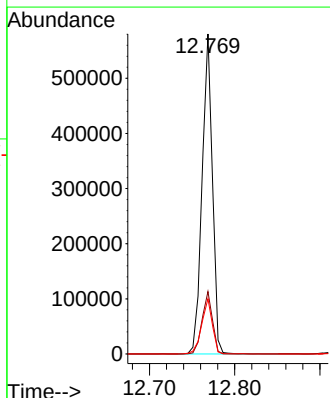
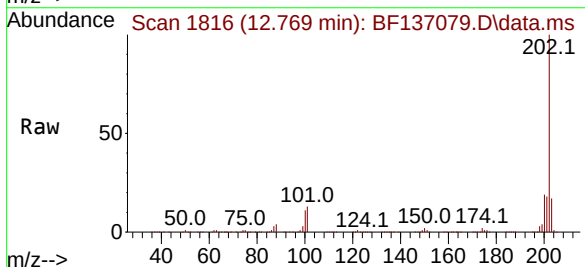
Instrument :
BNA_F
ClientSampleId :
PB158434BS

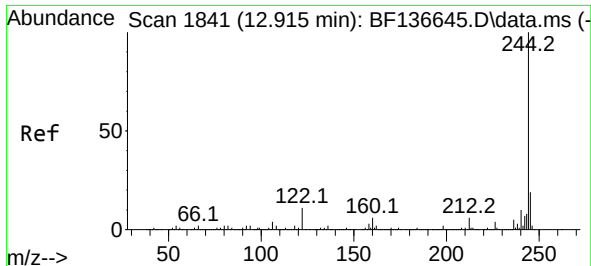
Tgt Ion:184 Resp: 65164
Ion Ratio Lower Upper
184 100
185 14.1 11.2 16.8
183 11.6 9.3 13.9



#78
Pyrene
Concen: 39.270 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

Tgt Ion:202 Resp: 488196
Ion Ratio Lower Upper
202 100
200 19.5 15.9 23.9
203 17.2 13.8 20.6

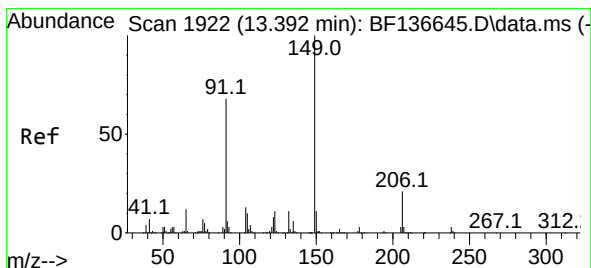
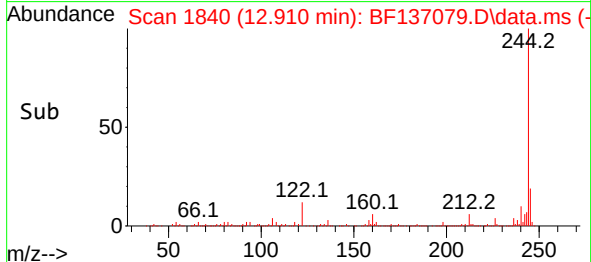
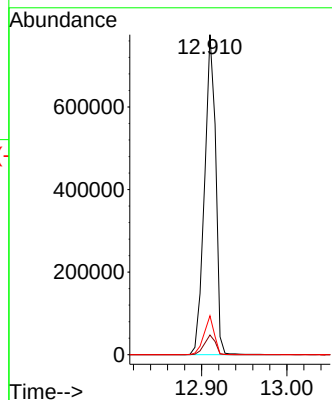
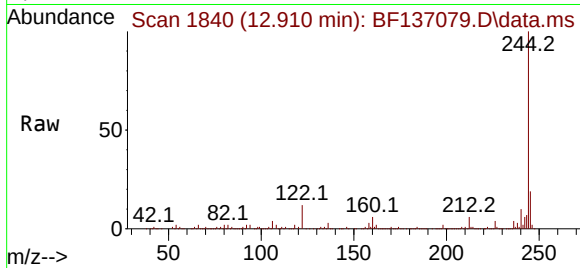




#79
 Terphenyl-d14
 Concen: 77.665 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137079.D
 Acq: 16 Jan 2024 15:07

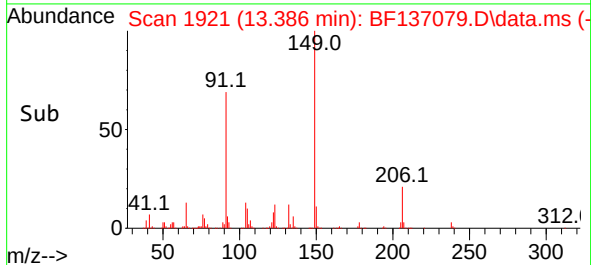
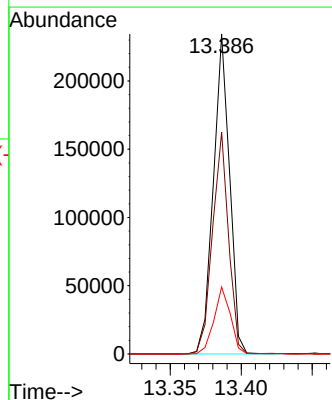
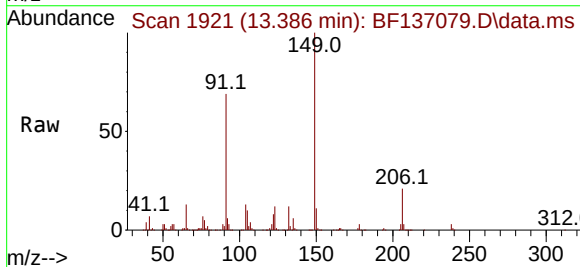
Instrument :
 BNA_F
 ClientSampleId :
 PB158434BS

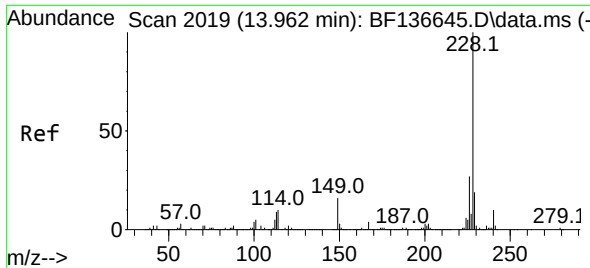
Tgt Ion:244 Resp: 703794
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 12.2 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 41.164 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF137079.D
 Acq: 16 Jan 2024 15:07

Tgt Ion:149 Resp: 186208
 Ion Ratio Lower Upper
 149 100
 91 69.3 54.1 81.1
 206 20.9 17.1 25.7

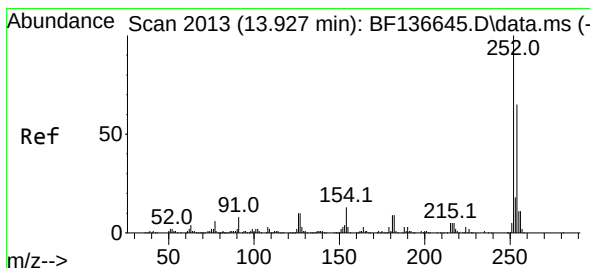
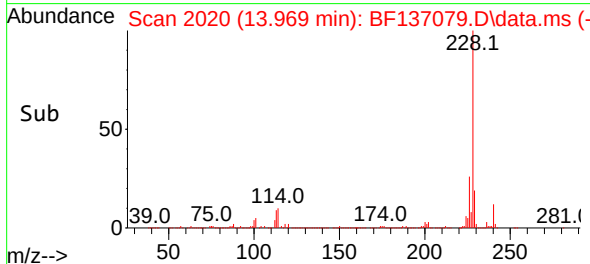
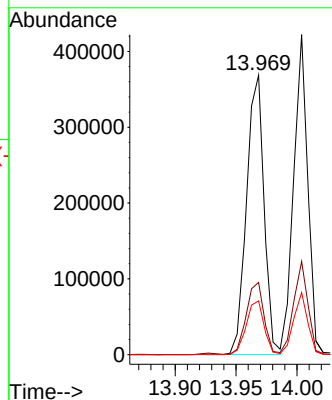
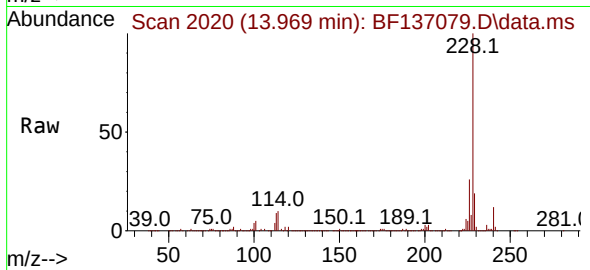




#81
Benzo(a)anthracene
Concen: 42.008 ng
RT: 13.969 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

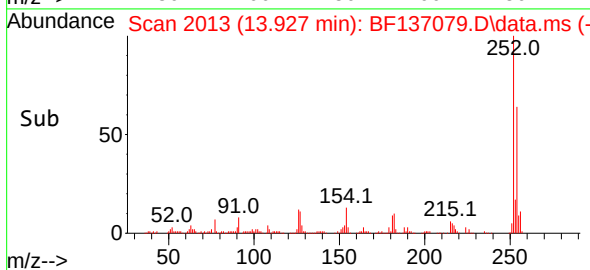
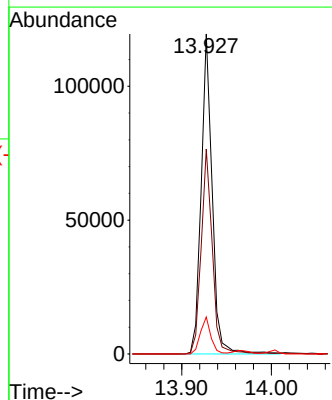
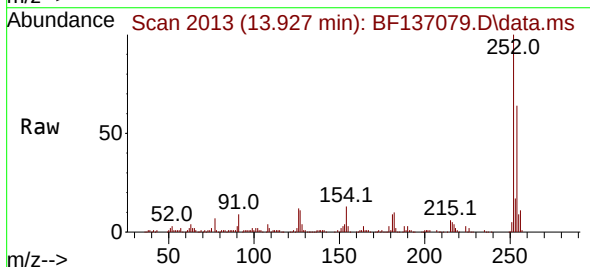
Instrument :
BNA_F
ClientSampleId :
PB158434BS

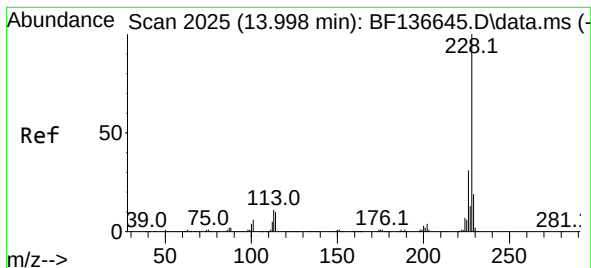
Tgt Ion:228 Resp: 369399
Ion Ratio Lower Upper
228 100
226 25.9 21.4 32.0
229 19.2 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 40.838 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

Tgt Ion:252 Resp: 101985
Ion Ratio Lower Upper
252 100
254 64.1 52.2 78.4
126 11.6 8.0 12.0





#83

Chrysene

Concen: 39.725 ng

RT: 14.004 min Scan# 2016

Delta R.T. 0.006 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

Instrument :

BNA_F

ClientSampleId :

PB158434BS

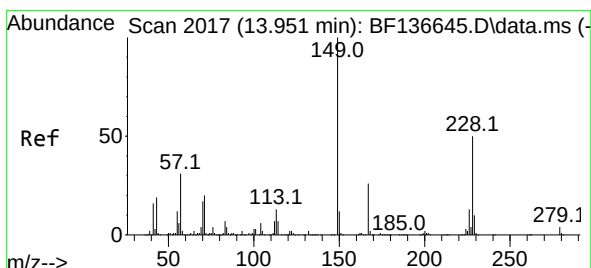
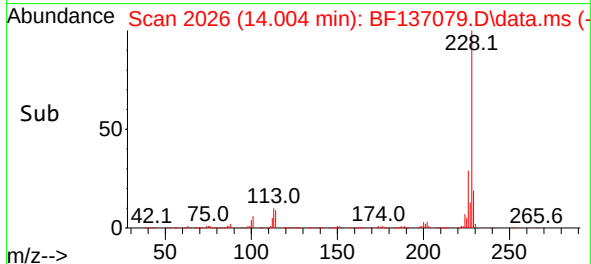
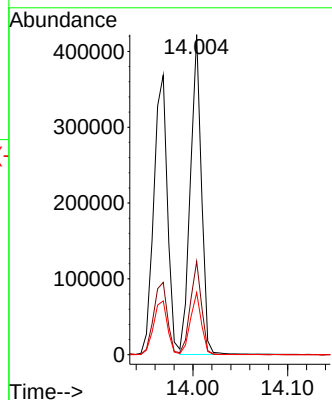
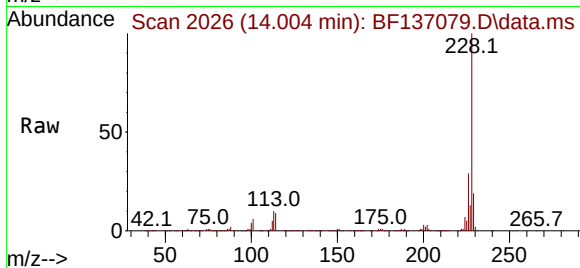
Tgt Ion:228 Resp: 341606

Ion Ratio Lower Upper

228 100

226 29.1 24.7 37.1

229 19.4 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.535 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

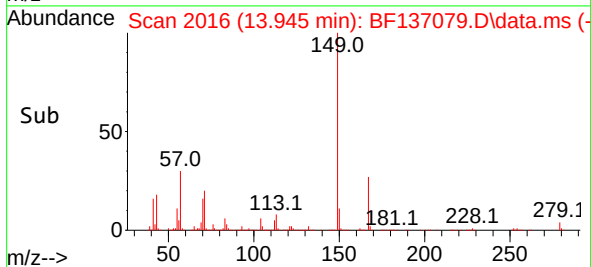
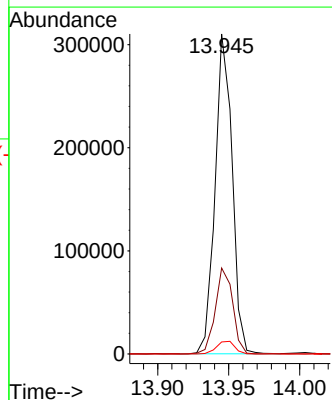
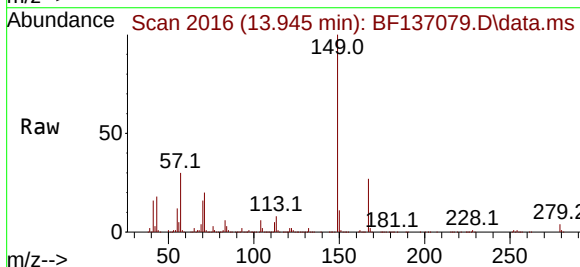
Tgt Ion:149 Resp: 259158

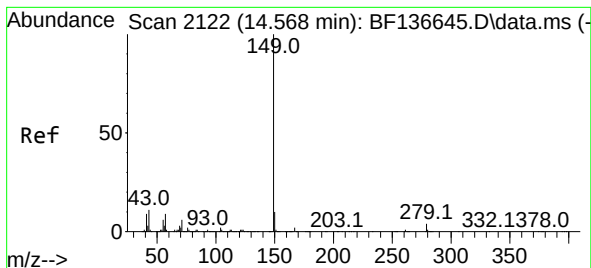
Ion Ratio Lower Upper

149 100

167 26.9 20.9 31.3

279 3.8 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 47.312 ng

RT: 14.563 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

Instrument :

BNA_F

ClientSampleId :

PB158434BS

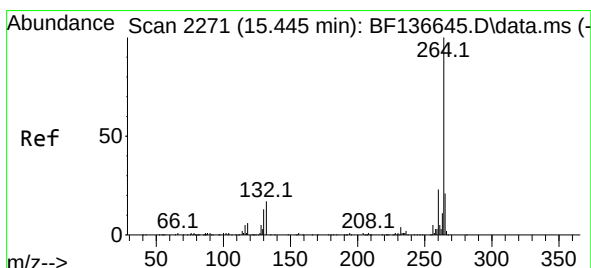
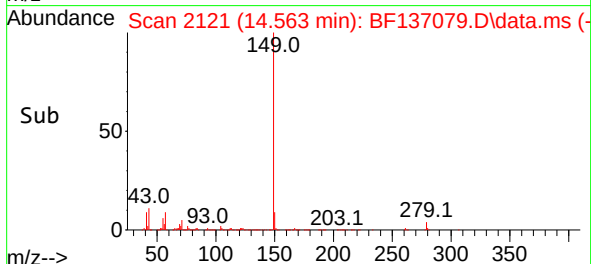
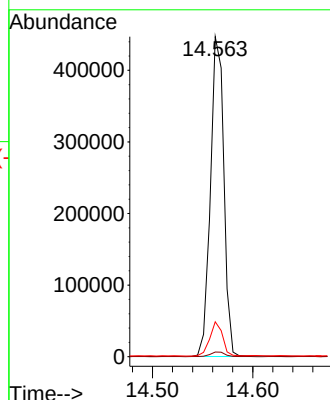
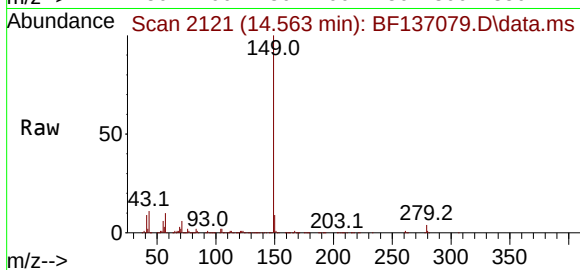
Tgt Ion:149 Resp: 416524

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.2 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. 0.018 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

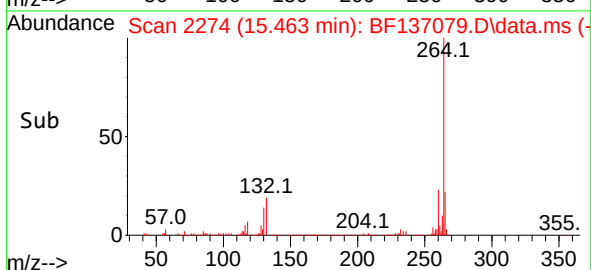
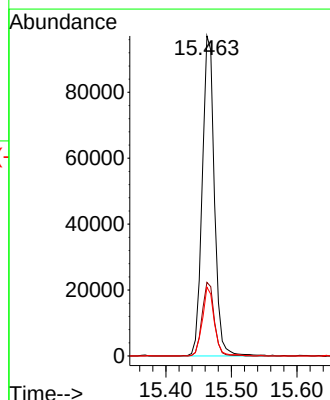
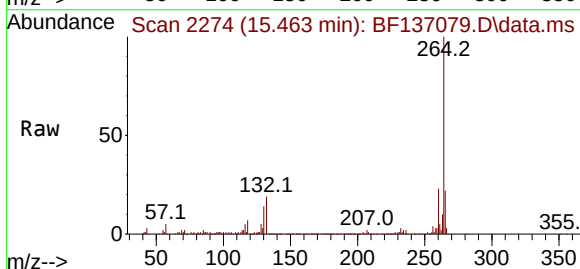
Tgt Ion:264 Resp: 125226

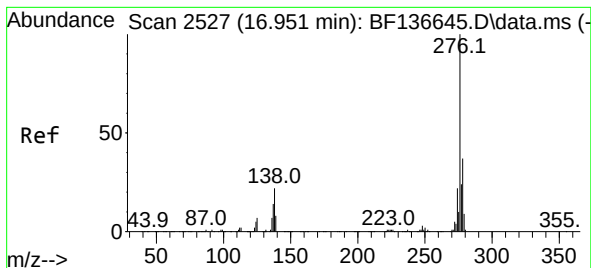
Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 21.5 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.342 ng

RT: 17.004 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

Instrument :

BNA_F

ClientSampleId :

PB158434BS

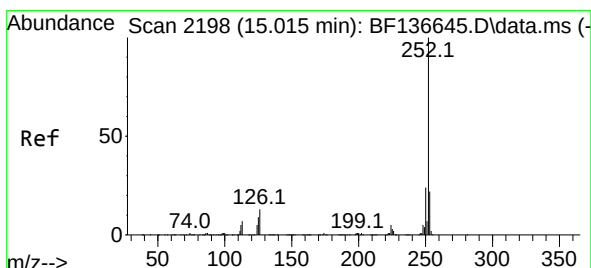
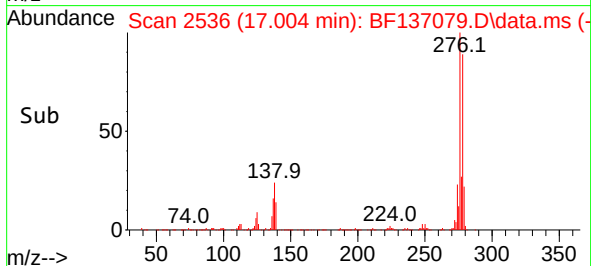
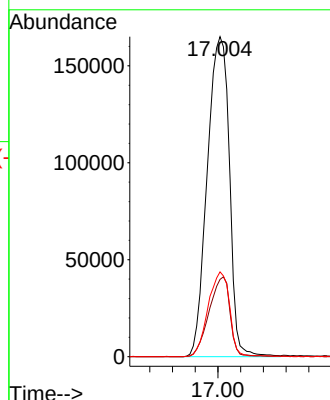
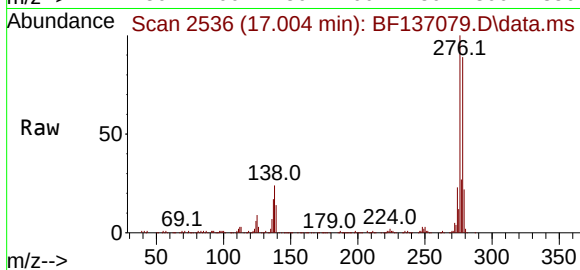
Tgt Ion:276 Resp: 446122

Ion Ratio Lower Upper

276 100

138 23.4 18.7 28.1

277 25.8 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.460 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

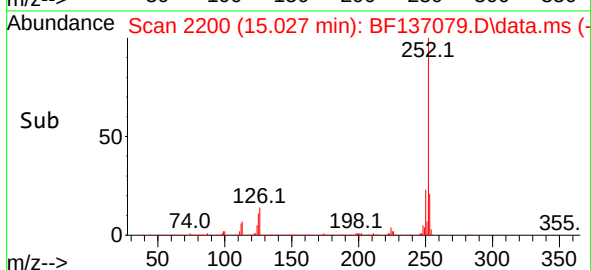
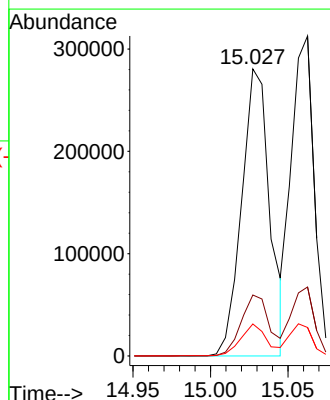
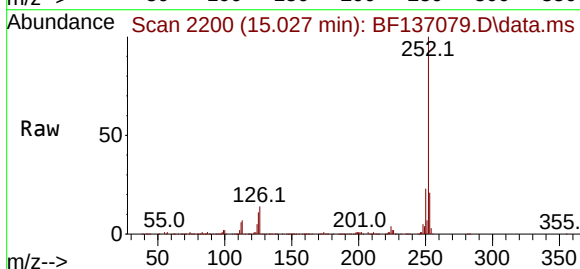
Tgt Ion:252 Resp: 355135

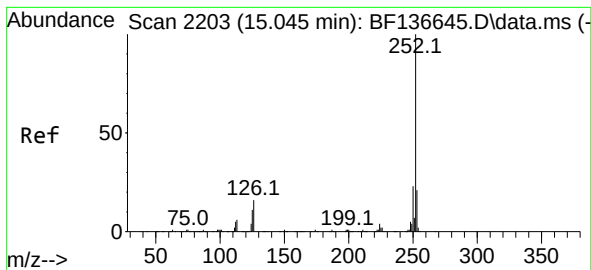
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 11.2 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 40.756 ng

RT: 15.063 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

Instrument :

BNA_F

ClientSampleId :

PB158434BS

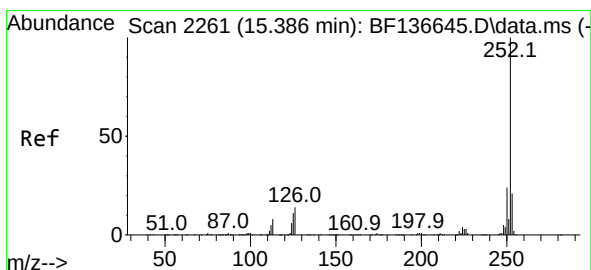
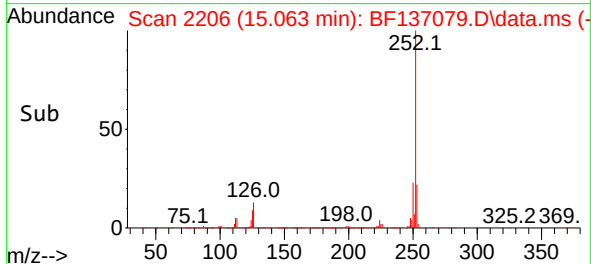
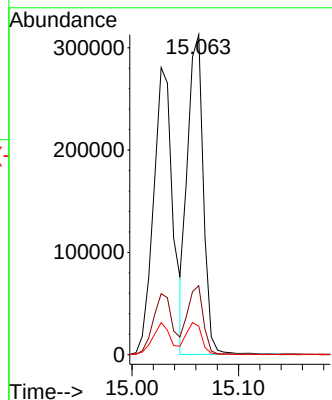
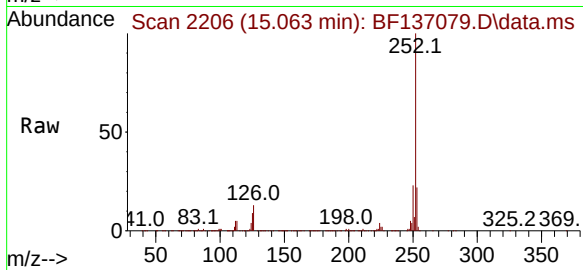
Tgt Ion:252 Resp: 322099

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

125 8.9 8.2 12.4



#90

Benzo(a)pyrene

Concen: 42.882 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.018 min

Lab File: BF137079.D

Acq: 16 Jan 2024 15:07

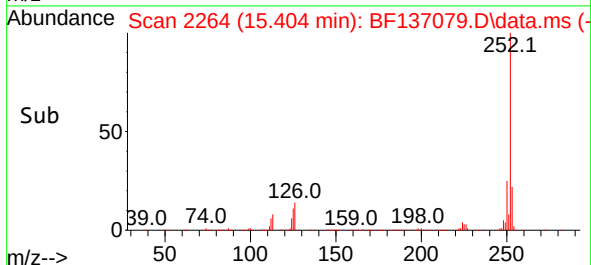
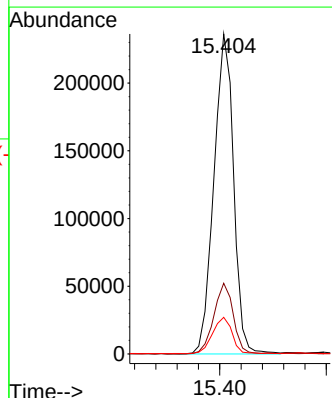
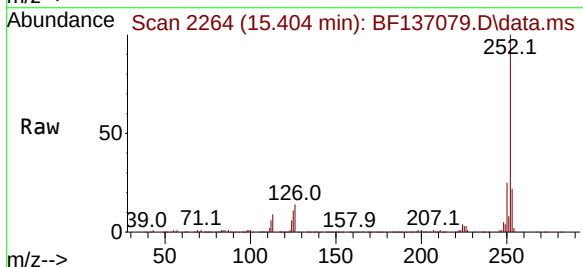
Tgt Ion:252 Resp: 302748

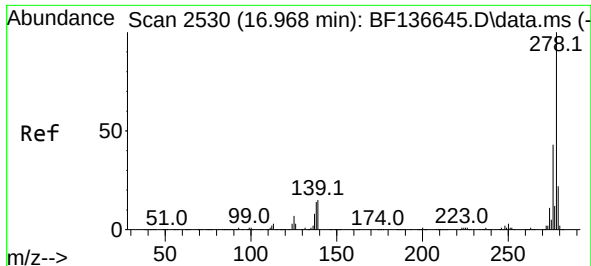
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 11.5 8.8 13.2

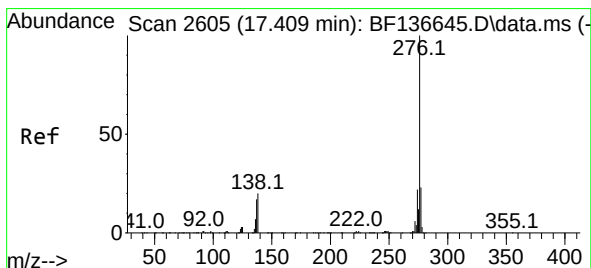
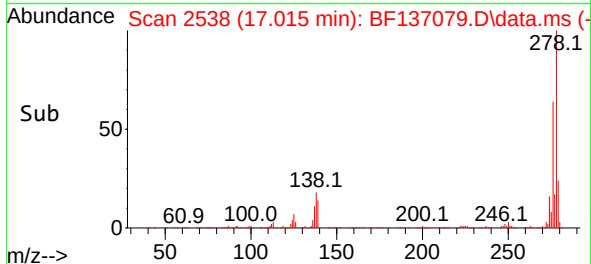
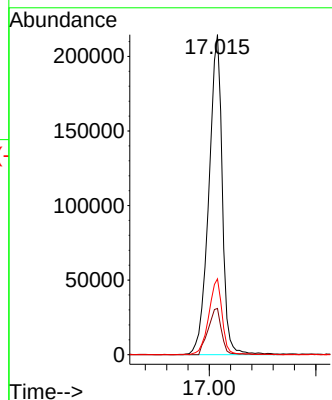
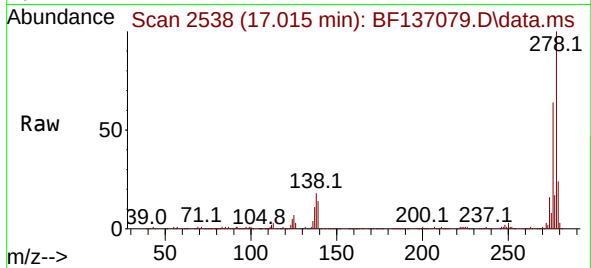




#91
Dibenzo(a,h)anthracene
Concen: 50.618 ng
RT: 17.015 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

Instrument :
BNA_F
ClientSampleId :
PB158434BS

Tgt Ion:278 Resp: 375469
Ion Ratio Lower Upper
278 100
139 14.4 12.2 18.4
279 23.7 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 49.547 ng
RT: 17.468 min Scan# 2615
Delta R.T. 0.059 min
Lab File: BF137079.D
Acq: 16 Jan 2024 15:07

Tgt Ion:276 Resp: 376420
Ion Ratio Lower Upper
276 100
277 23.6 18.3 27.5
138 19.0 15.6 23.4

