

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
 Data File : BF137068.D
 Acq On : 15 Jan 2024 17:38
 Operator : CG\JU
 Sample : P1135-01DL 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 360DL

Quant Time: Jan 15 18:20:56 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)

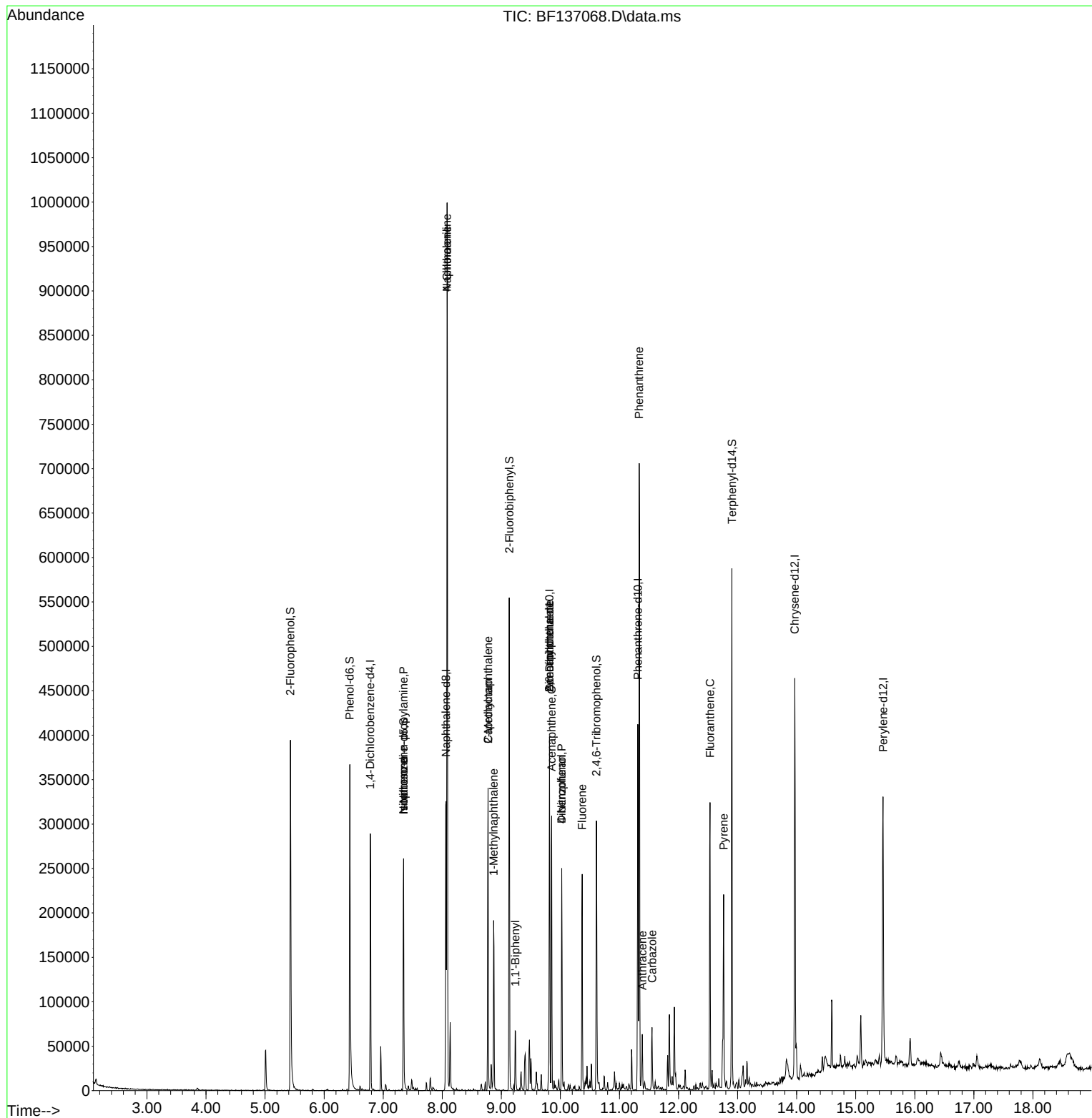
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	42075	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	154114	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	73288	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	144842	20.000	ng	0.00
76) Chrysene-d12	13.969	240	143959	20.000	ng	0.00
86) Perylene-d12	15.463	264	136899	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	116595	43.237	ng	0.00
7) Phenol-d6	6.434	99	137845	39.450	ng	0.00
23) Nitrobenzene-d5	7.345	82	81770	27.150	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	36289	42.044	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	155109	28.466	ng	-0.02
79) Terphenyl-d14	12.904	244	184682	17.928	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	10006	4.724	ng	# 74
25) Isophorone	7.345	82	81768	14.921	ng	# 65
31) Naphthalene	8.081	128	427939	50.544	ng	100
33) 4-Chloroaniline	8.081	127	55696	17.817	ng	# 34
35) Caprolactam	8.775	113	1909	2.558	ng	# 1
37) 2-Methylnaphthalene	8.775	142	85306	15.656	ng	100
38) 1-Methylnaphthalene	8.869	142	49359	9.233	ng	96
46) 1,1'-Biphenyl	9.239	154	23211	3.774	ng	96
50) Dimethylphthalate	9.816	163	14604	2.728	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	10507	8.648	ng	# 30
52) Acenaphthene	9.851	154	66987	15.122	ng	98
55) Dibenzofuran	10.022	168	95260	14.186	ng	95
56) 4-Nitrophenol	10.022	139	31995	36.828	ng	# 8
58) Fluorene	10.369	166	67879	12.740	ng	98
71) Phenanthrene	11.333	178	263237	35.420	ng	99
72) Anthracene	11.386	178	23386	3.107	ng	99
73) Carbazole	11.551	167	30846	4.347	ng	99
75) Fluoranthene	12.533	202	130169	16.374	ng	99
78) Pyrene	12.763	202	89805	6.355	ng	97

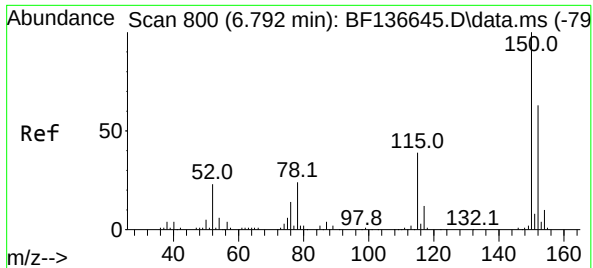
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
Data File : BF137068.D
Acq On : 15 Jan 2024 17:38
Operator : CG\JU
Sample : P1135-01DL 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
360DL

Quant Time: Jan 15 18:20:56 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

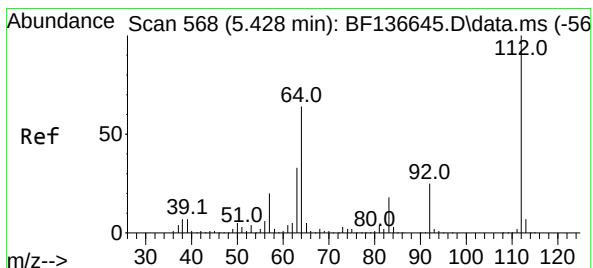
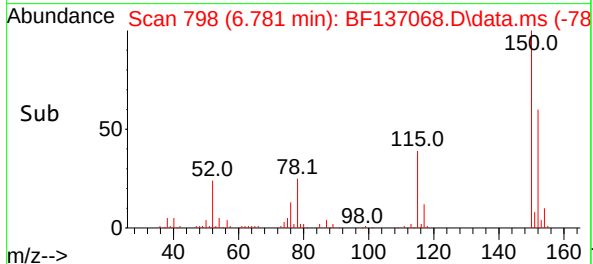
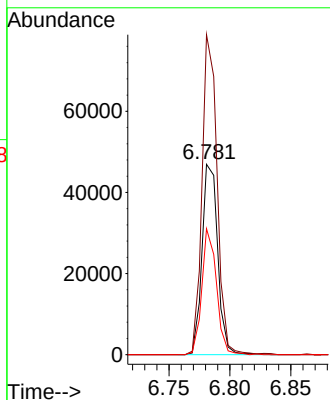
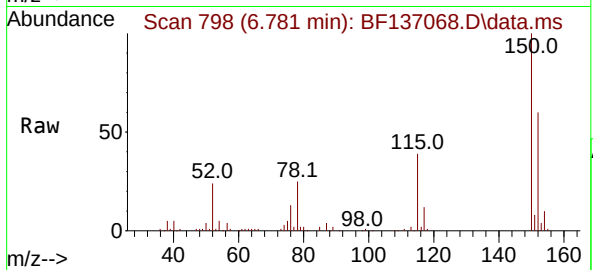




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137068.D
Acq: 15 Jan 2024 17:38

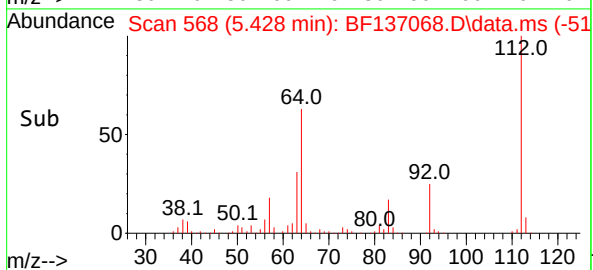
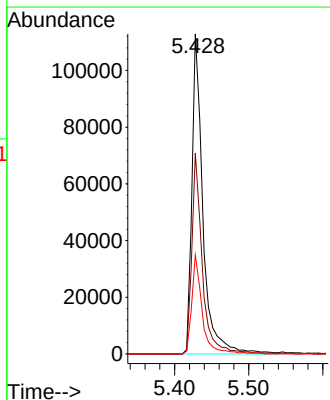
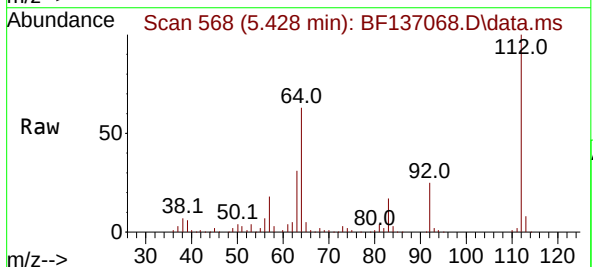
Instrument :
BNA_F
ClientSampleId :
360DL

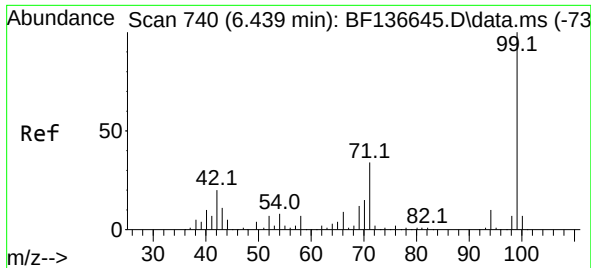
Tgt Ion:152 Resp: 42075
Ion Ratio Lower Upper
152 100
150 168.0 127.0 190.6
115 66.2 49.0 73.4



#5
2-Fluorophenol
Concen: 43.237 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF137068.D
Acq: 15 Jan 2024 17:38

Tgt Ion:112 Resp: 116595
Ion Ratio Lower Upper
112 100
64 62.7 51.1 76.7
63 30.9 26.1 39.1

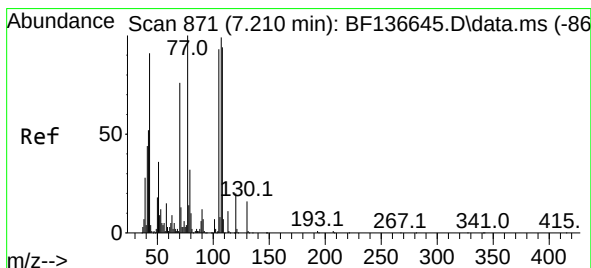
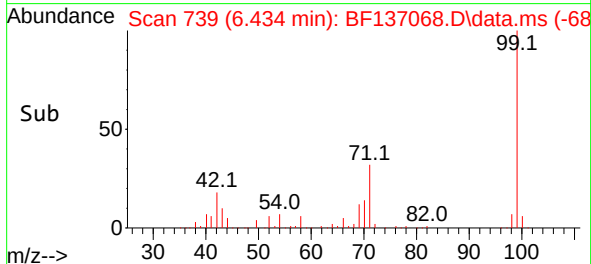
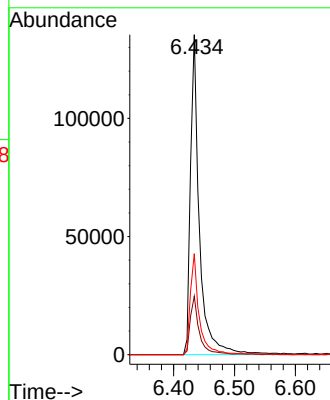
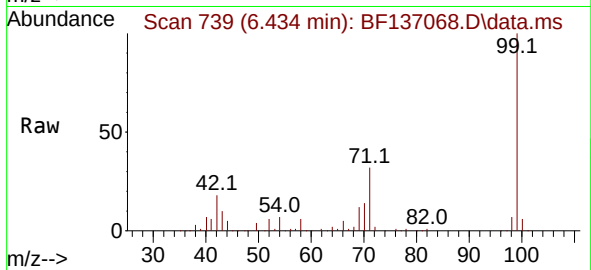




#7
Phenol-d6
Concen: 39.450 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137068.D
Acq: 15 Jan 2024 17:38

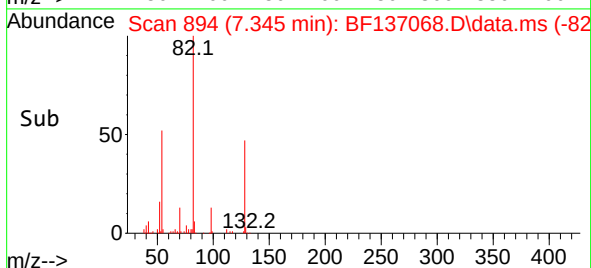
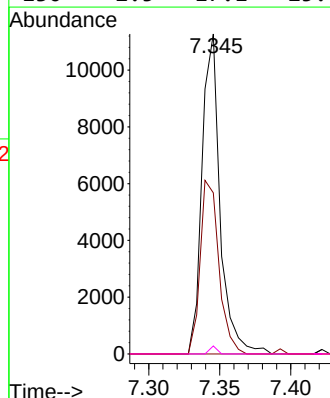
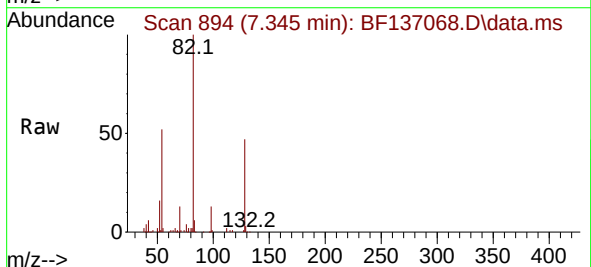
Instrument :
BNA_F
ClientSampleId :
360DL

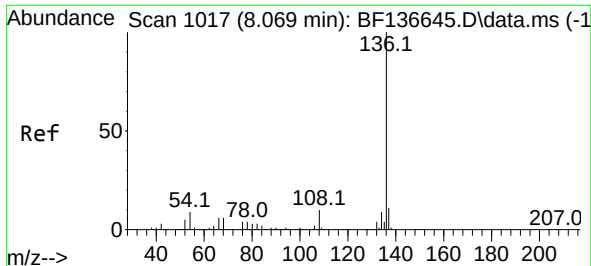
Tgt Ion: 99 Resp: 137845
Ion Ratio Lower Upper
99 100
42 18.3 16.1 24.1
71 31.6 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 4.724 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF137068.D
Acq: 15 Jan 2024 17:38

Tgt Ion: 70 Resp: 10006
Ion Ratio Lower Upper
70 100
42 50.4 54.2 81.4#
101 0.0 7.6 11.4#
130 2.5 17.1 25.7#

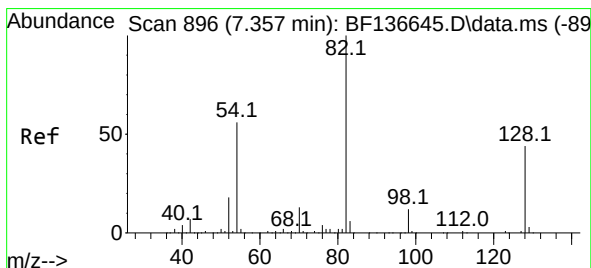
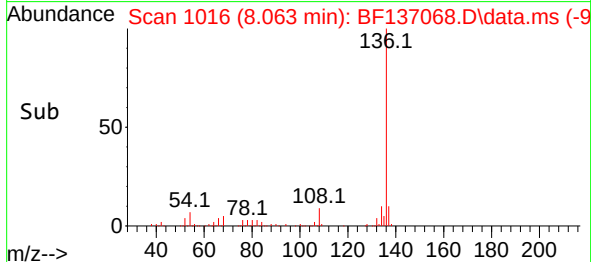
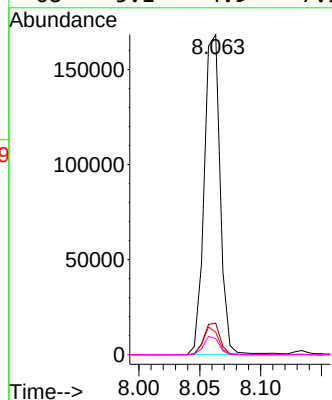
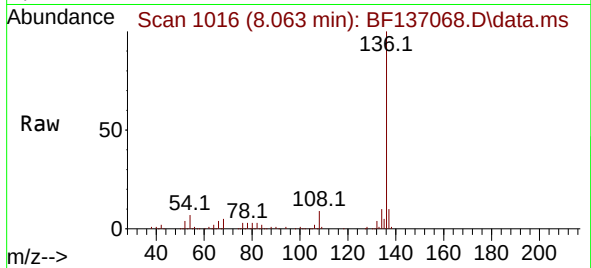




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137068.D
Acq: 15 Jan 2024 17:38

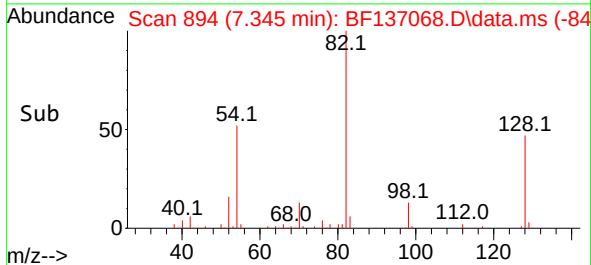
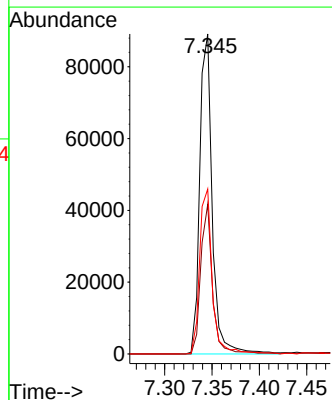
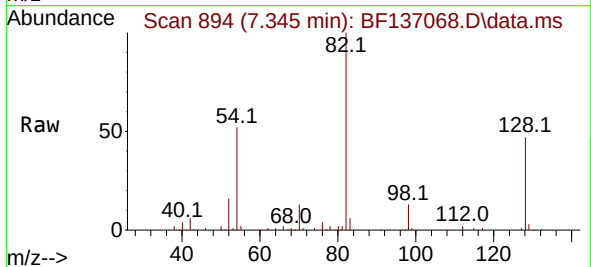
Instrument :
BNA_F
ClientSampleId :
360DL

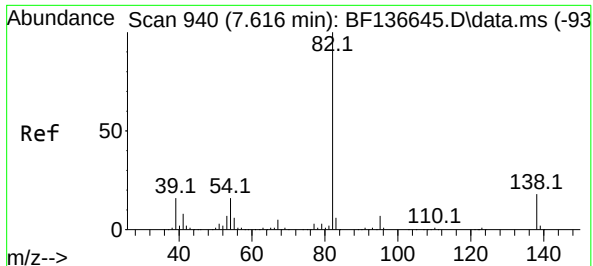
Tgt Ion:136	Resp:	154114
Ion	Ratio	Lower Upper
136	100	
137	9.9	9.0 13.4
54	7.0	7.2 10.8#
68	5.1	4.9 7.3



#23
Nitrobenzene-d5
Concen: 27.150 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF137068.D
Acq: 15 Jan 2024 17:38

Tgt Ion: 82	Resp:	81770
Ion	Ratio	Lower Upper
82	100	
128	46.8	35.3 52.9
54	51.6	44.5 66.7

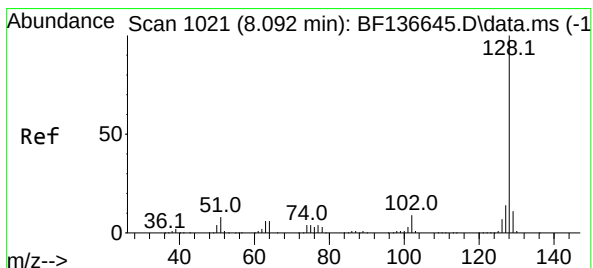
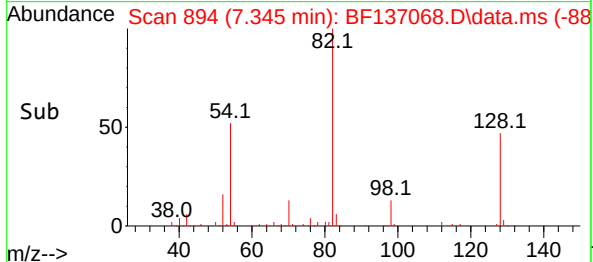
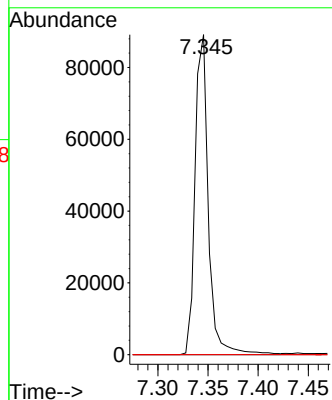
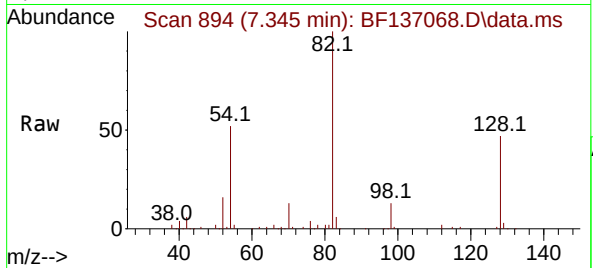




#25
Isophorone
Concen: 14.921 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF137068.D
Acq: 15 Jan 2024 17:38

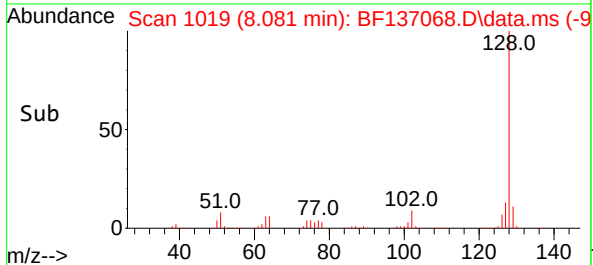
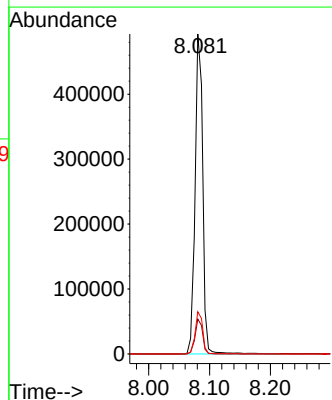
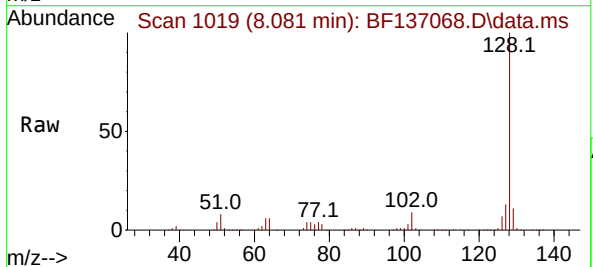
Instrument :
BNA_F
ClientSampleId :
360DL

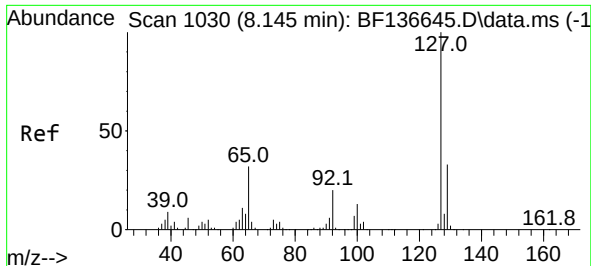
Tgt Ion: 82 Resp: 81768
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#31
Naphthalene
Concen: 50.544 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF137068.D
Acq: 15 Jan 2024 17:38

Tgt Ion: 128 Resp: 427939
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 10.8 16.2

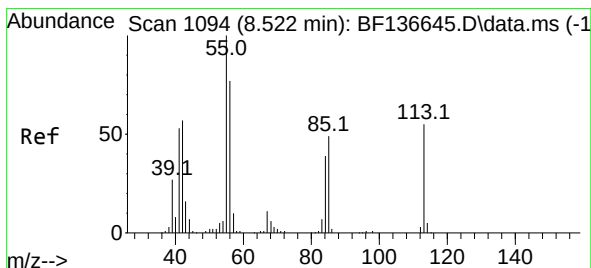
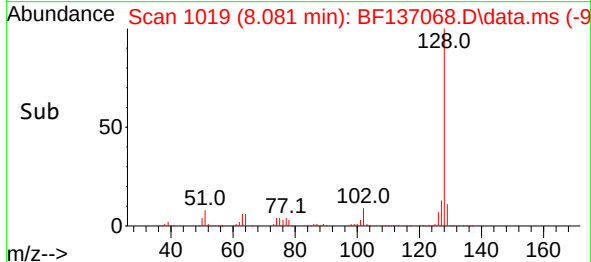
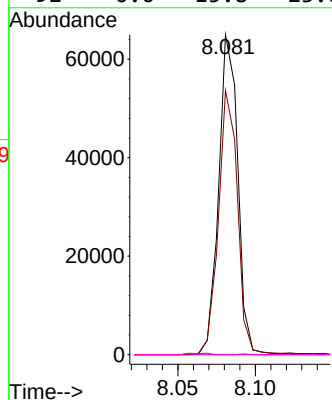
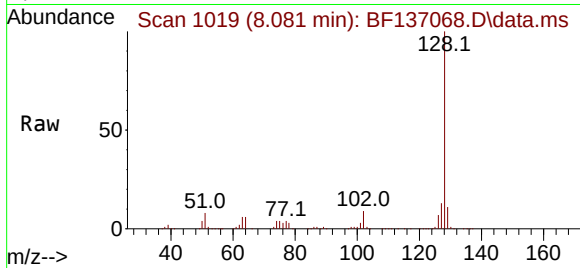




#33
4-Chloroaniline
Concen: 17.817 ng
RT: 8.081 min Scan# 1137
Delta R.T. -0.064 min
Lab File: BF137068.D
Acq: 15 Jan 2024 17:38

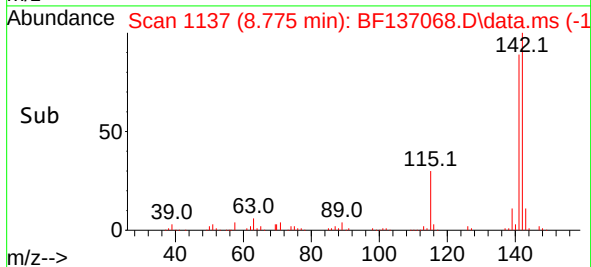
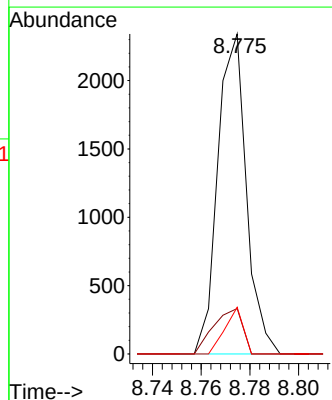
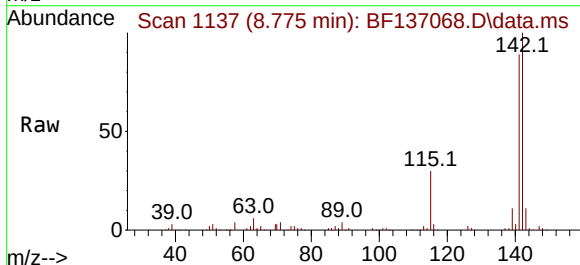
Instrument :
BNA_F
ClientSampleId :
360DL

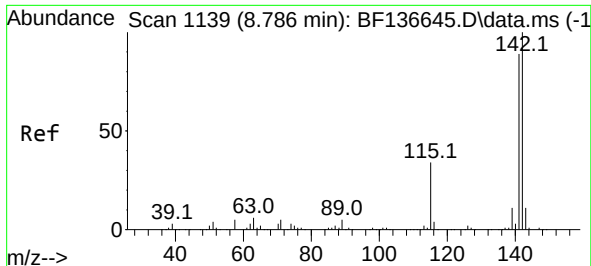
Tgt Ion:127	Resp:	55696
Ion Ratio	Lower	Upper
127	100	
129	82.6	26.3 39.5#
65	0.0	25.8 38.8#
92	0.0	15.8 23.6#



#35
Caprolactam
Concen: 2.558 ng
RT: 8.775 min Scan# 1137
Delta R.T. 0.253 min
Lab File: BF137068.D
Acq: 15 Jan 2024 17:38

Tgt Ion:113	Resp:	1909
Ion Ratio	Lower	Upper
113	100	
55	21.2	163.1 203.1#
56	14.6	121.7 161.7#





#37

2-Methylnaphthalene

Concen: 15.656 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF137068.D

Acq: 15 Jan 2024 17:38

Instrument :

BNA_F

ClientSampleId :

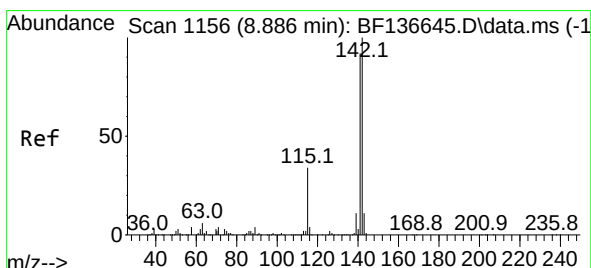
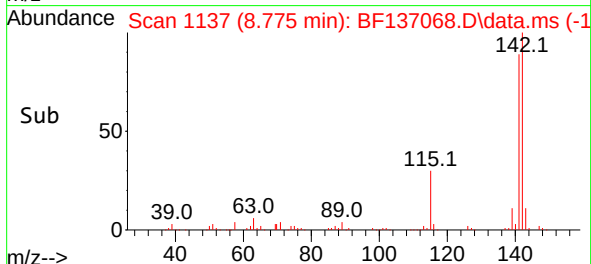
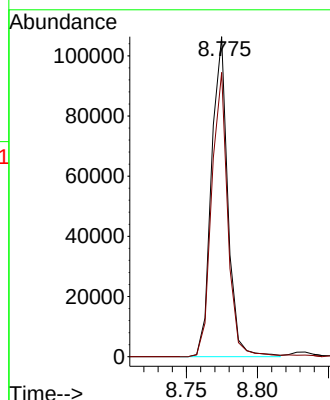
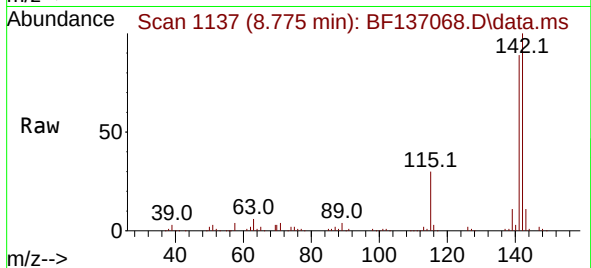
360DL

Tgt Ion:142 Resp: 85306

Ion Ratio Lower Upper

142 100

141 88.8 71.1 106.7



#38

1-Methylnaphthalene

Concen: 9.233 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.017 min

Lab File: BF137068.D

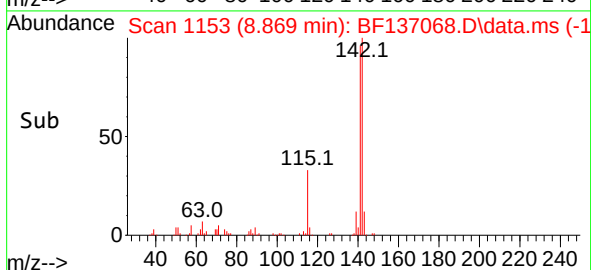
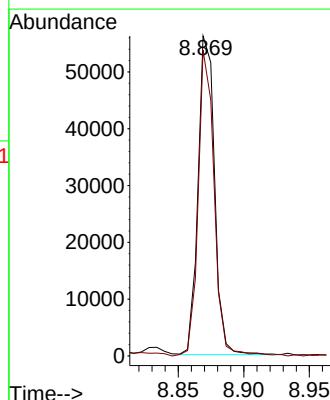
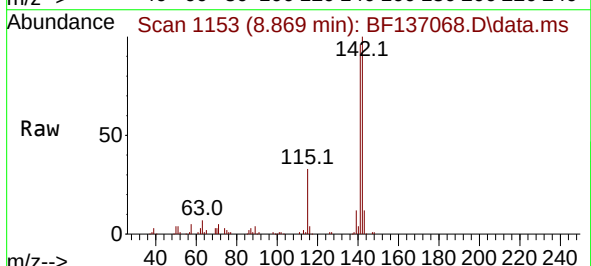
Acq: 15 Jan 2024 17:38

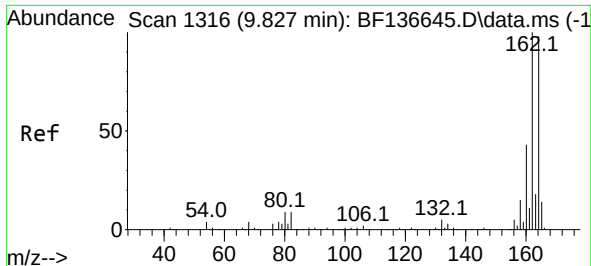
Tgt Ion:142 Resp: 49359

Ion Ratio Lower Upper

142 100

141 95.6 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137068.D

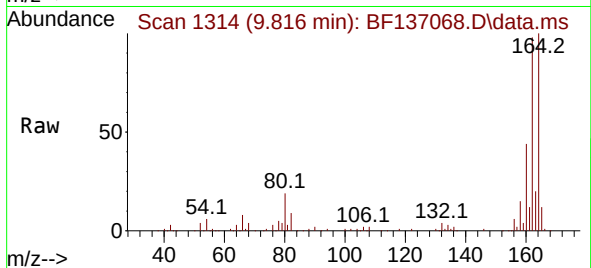
Acq: 15 Jan 2024 17:38

Instrument :

BNA_F

ClientSampleId :

360DL



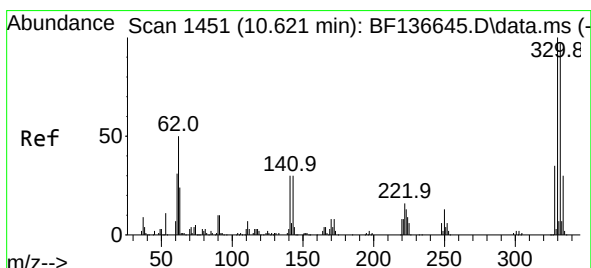
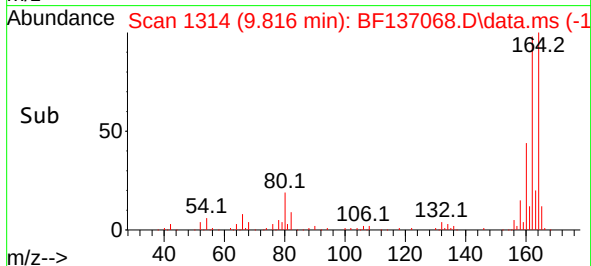
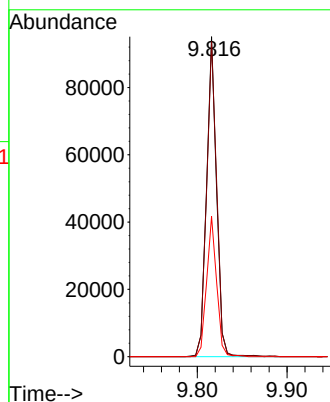
Tgt Ion:164 Resp: 73288

Ion Ratio Lower Upper

164 100

162 98.4 81.6 122.4

160 43.8 34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 42.044 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF137068.D

Acq: 15 Jan 2024 17:38

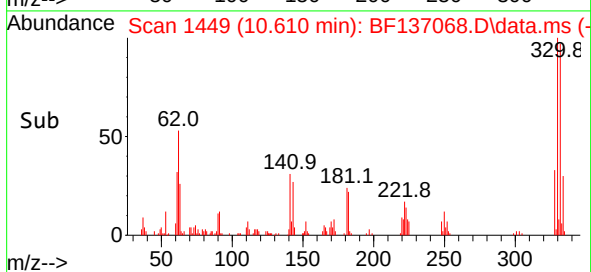
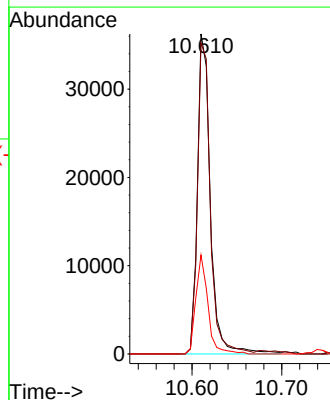
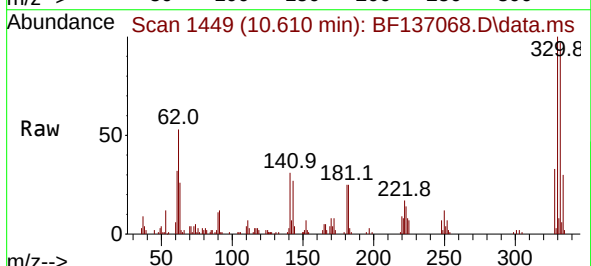
Tgt Ion:330 Resp: 36289

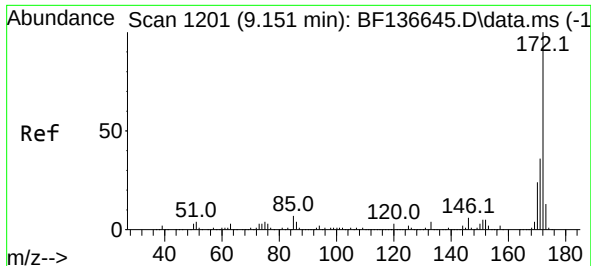
Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

141 28.9 23.4 35.2

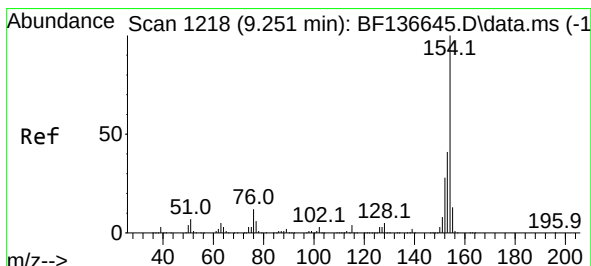
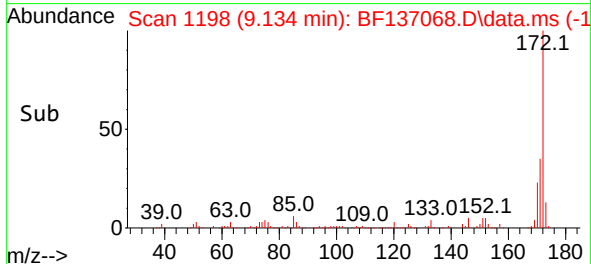
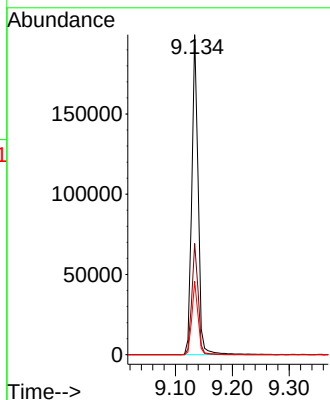
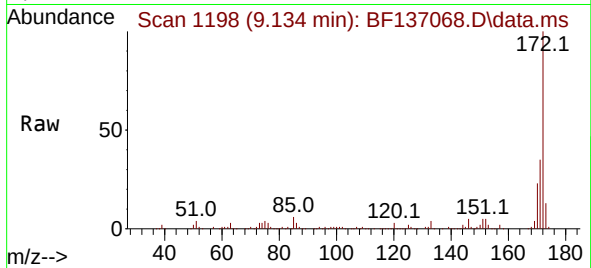




#45
2-Fluorobiphenyl
Concen: 28.466 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BF137068.D
Acq: 15 Jan 2024 17:38

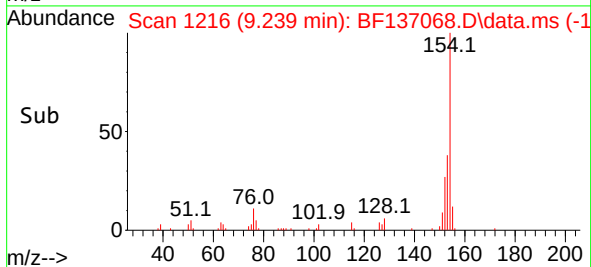
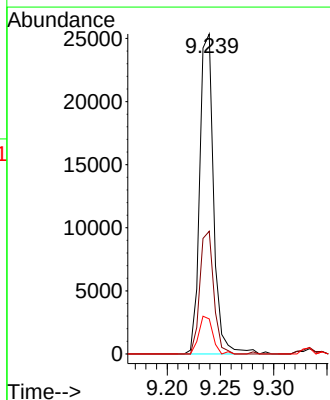
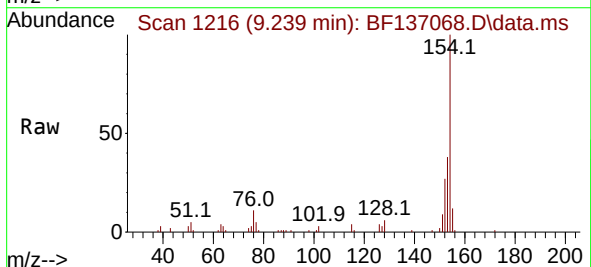
Instrument :
BNA_F
ClientSampleId :
360DL

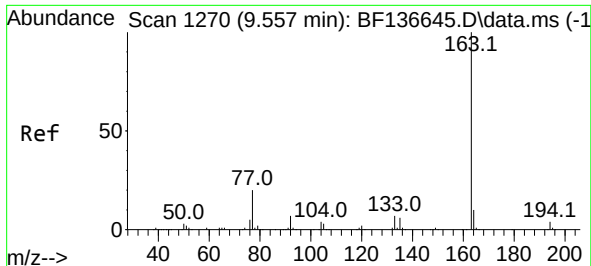
Tgt Ion:172 Resp: 155109
Ion Ratio Lower Upper
172 100
171 34.8 29.0 43.6
170 22.9 19.0 28.4



#46
1,1'-Biphenyl
Concen: 3.774 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF137068.D
Acq: 15 Jan 2024 17:38

Tgt Ion:154 Resp: 23211
Ion Ratio Lower Upper
154 100
153 38.4 21.1 61.1
76 10.9 0.0 31.7

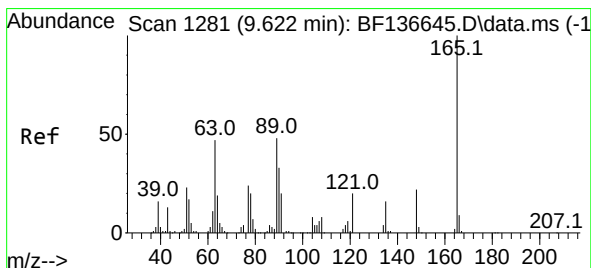
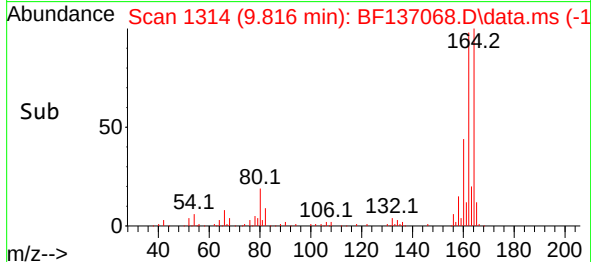
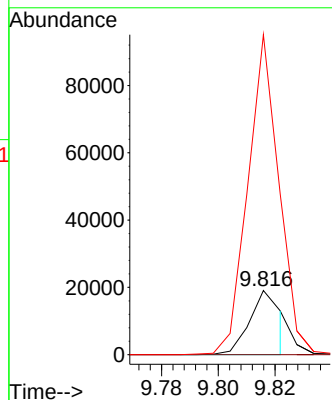
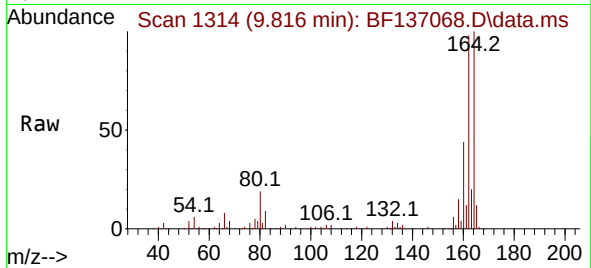




#50
Dimethylphthalate
Concen: 2.728 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF137068.D
Acq: 15 Jan 2024 17:38

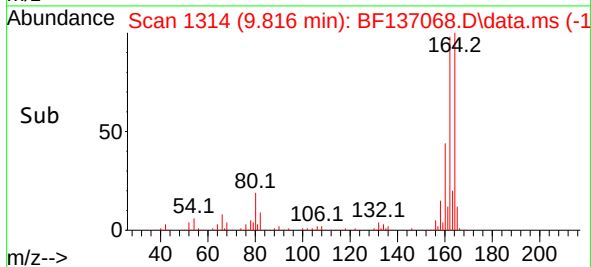
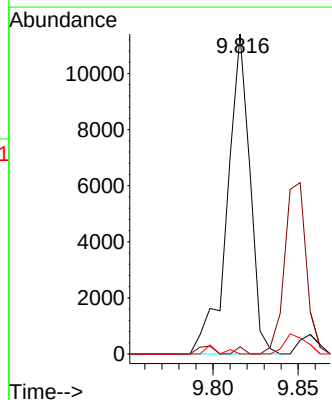
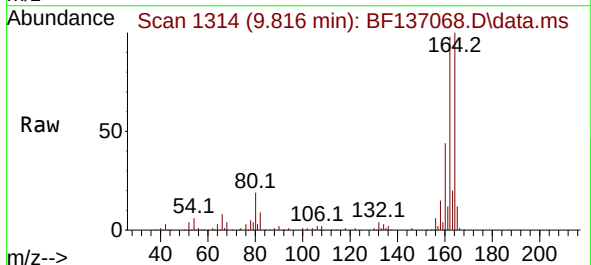
Instrument :
BNA_F
ClientSampleId :
360DL

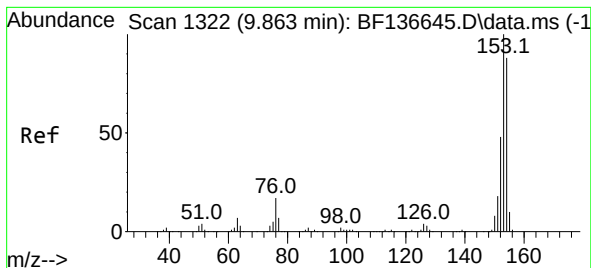
Tgt Ion:163 Resp: 14604
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 498.3 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 8.648 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF137068.D
Acq: 15 Jan 2024 17:38

Tgt Ion:165 Resp: 10507
Ion Ratio Lower Upper
165 100
63 2.3 39.8 59.6#
89 0.0 38.8 58.2#





#52

Acenaphthene

Concen: 15.122 ng

RT: 9.851 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137068.D

Acq: 15 Jan 2024 17:38

Instrument :

BNA_F

ClientSampleId :

360DL

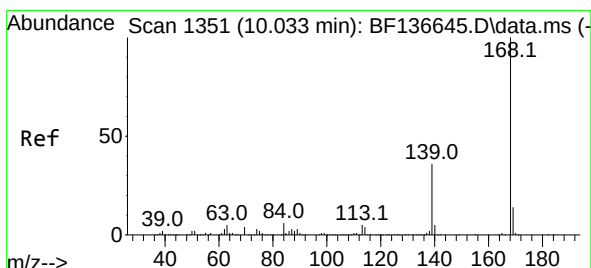
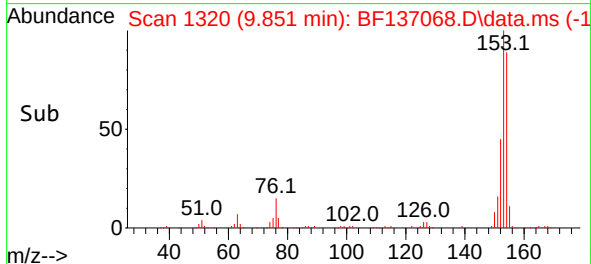
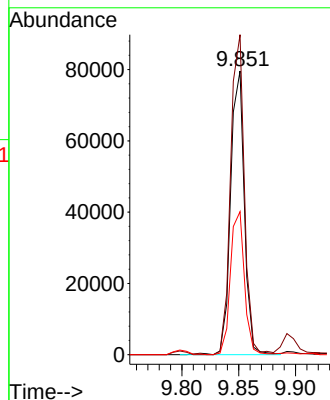
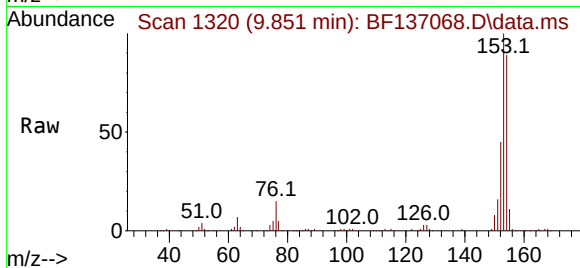
Tgt Ion:154 Resp: 66987

Ion Ratio Lower Upper

154 100

153 112.8 90.7 136.1

152 50.4 43.7 65.5



#55

Dibenzofuran

Concen: 14.186 ng

RT: 10.022 min Scan# 1349

Delta R.T. -0.012 min

Lab File: BF137068.D

Acq: 15 Jan 2024 17:38

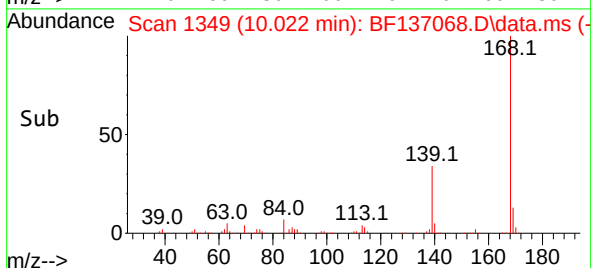
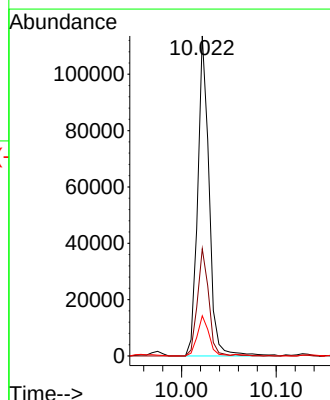
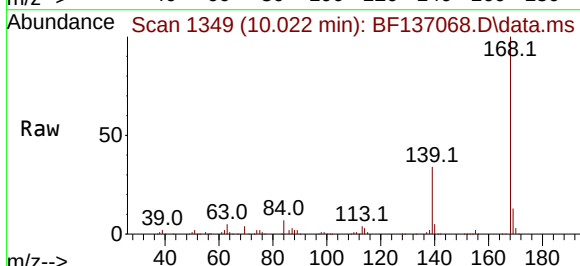
Tgt Ion:168 Resp: 95260

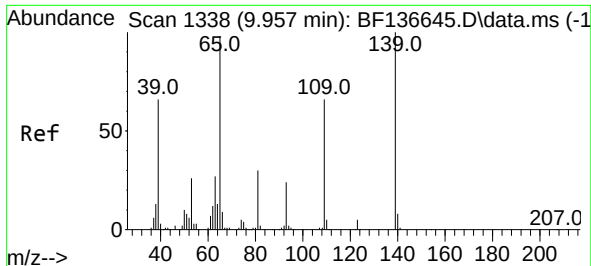
Ion Ratio Lower Upper

168 100

139 33.5 29.3 43.9

169 12.6 11.0 16.4

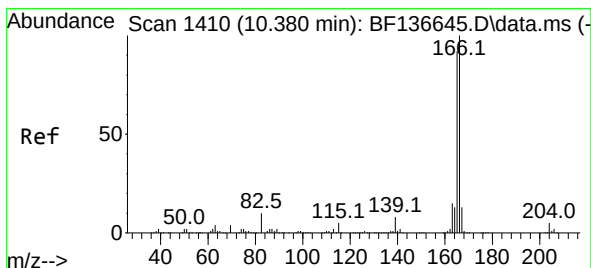
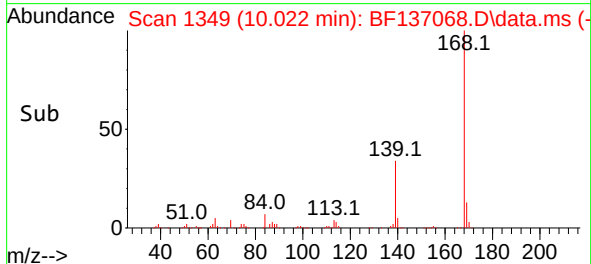
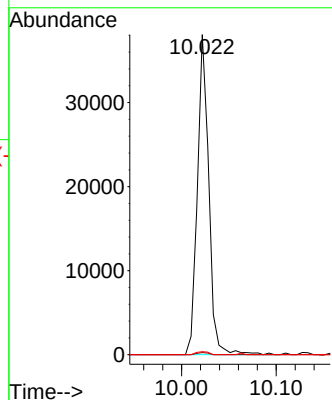
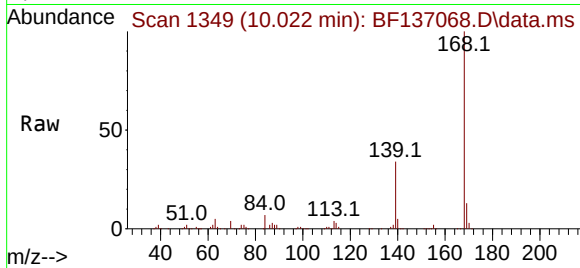




#56
4-Nitrophenol
Concen: 36.828 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.065 min
Lab File: BF137068.D
Acq: 15 Jan 2024 17:38

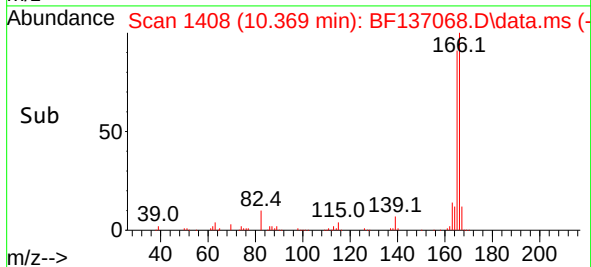
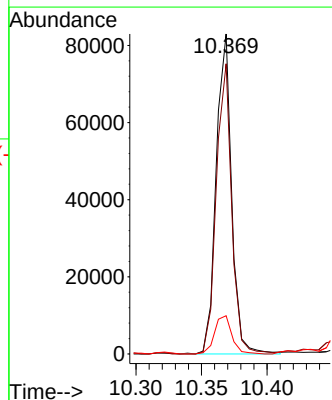
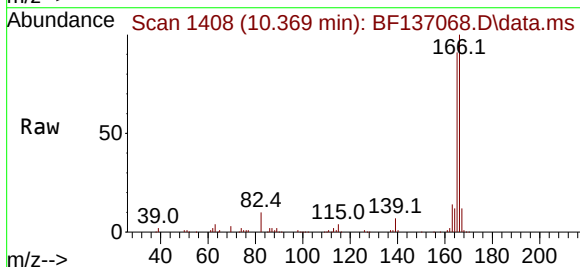
Instrument :
BNA_F
ClientSampleId :
360DL

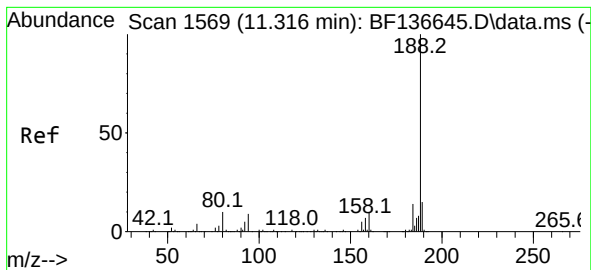
Tgt Ion:139 Resp: 31995
Ion Ratio Lower Upper
139 100
109 0.7 45.8 85.8#
65 0.9 77.8 117.8#



#58
Fluorene
Concen: 12.740 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF137068.D
Acq: 15 Jan 2024 17:38

Tgt Ion:166 Resp: 67879
Ion Ratio Lower Upper
166 100
165 90.7 73.7 110.5
167 12.0 10.4 15.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137068.D

Acq: 15 Jan 2024 17:38

Instrument :

BNA_F

ClientSampleId :

360DL

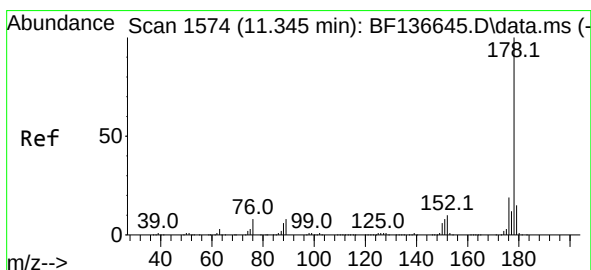
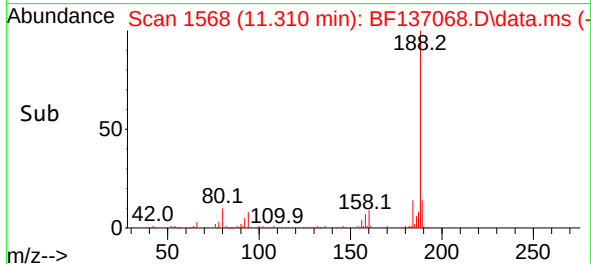
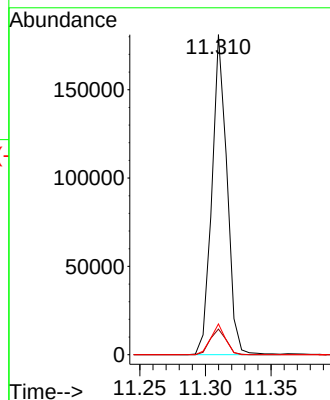
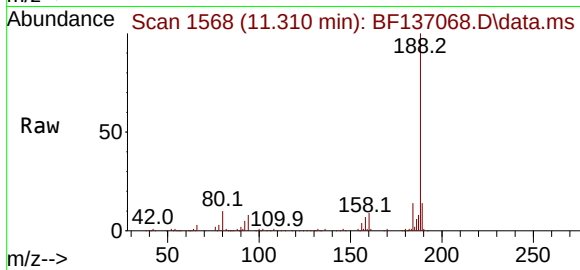
Tgt Ion:188 Resp: 144842

Ion Ratio Lower Upper

188 100

94 8.0 7.5 11.3

80 9.6 8.1 12.1



#71

Phenanthrene

Concen: 35.420 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF137068.D

Acq: 15 Jan 2024 17:38

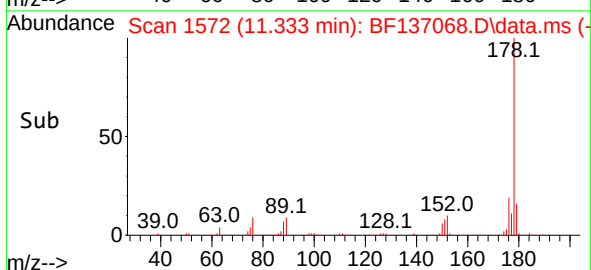
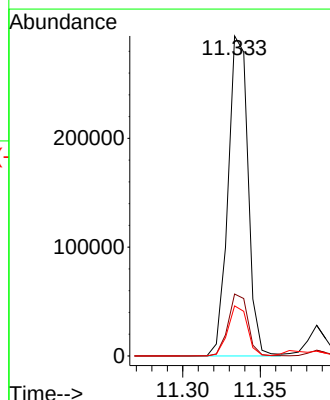
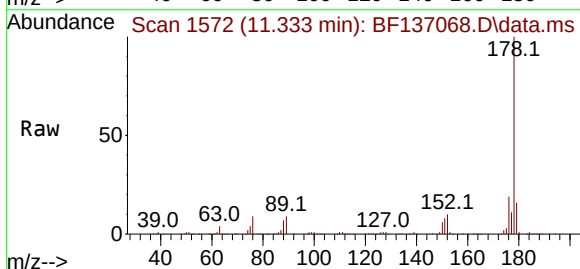
Tgt Ion:178 Resp: 263237

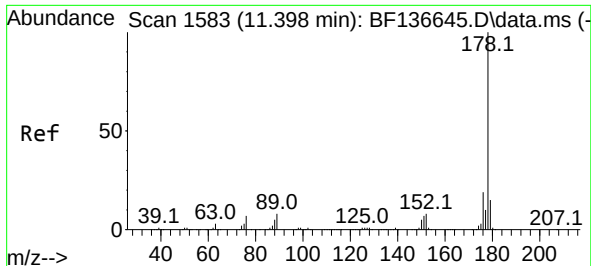
Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.6 11.9 17.9

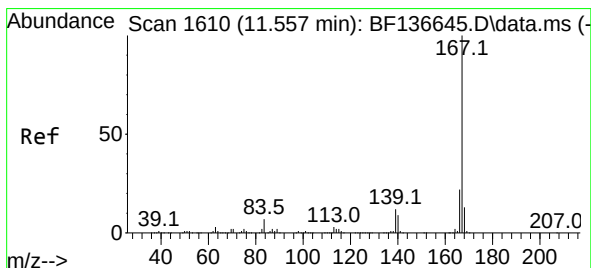
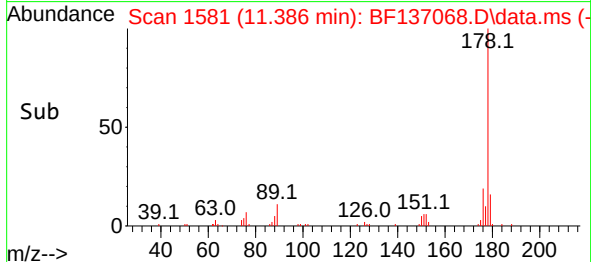
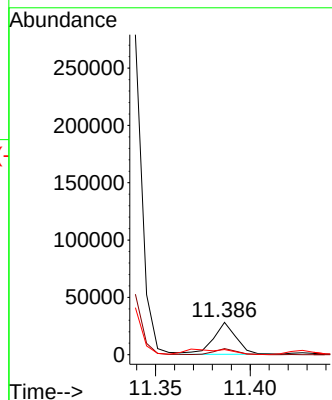
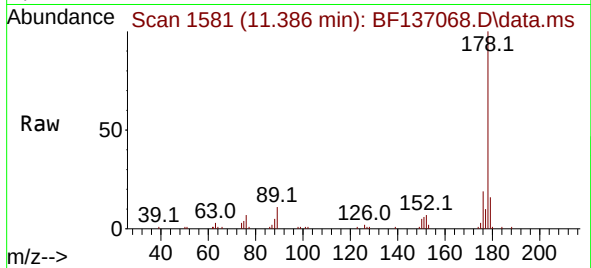




#72
Anthracene
Concen: 3.107 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137068.D
Acq: 15 Jan 2024 17:38

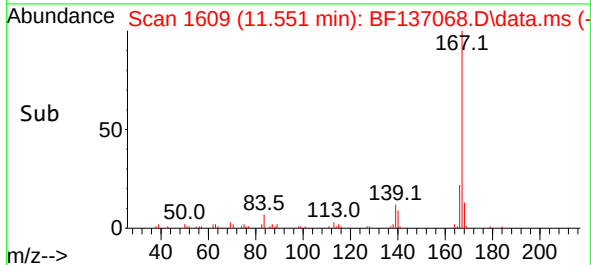
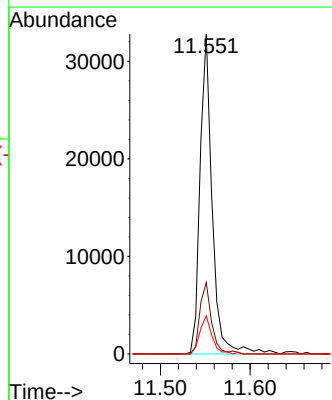
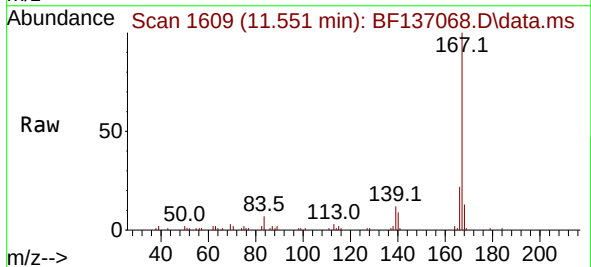
Instrument :
BNA_F
ClientSampleId :
360DL

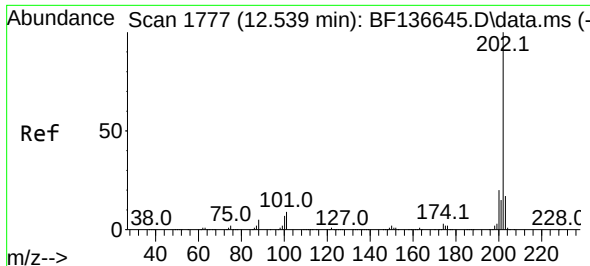
Tgt Ion:178 Resp: 23386
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.8 11.8 17.6



#73
Carbazole
Concen: 4.347 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF137068.D
Acq: 15 Jan 2024 17:38

Tgt Ion:167 Resp: 30846
Ion Ratio Lower Upper
167 100
166 22.4 17.3 25.9
139 12.0 9.8 14.6

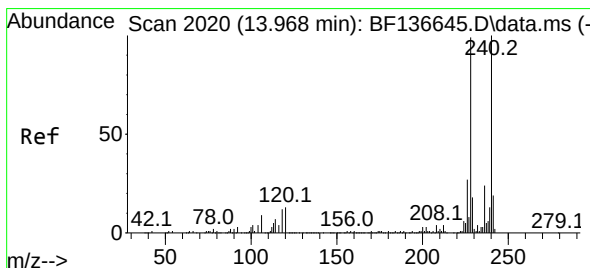
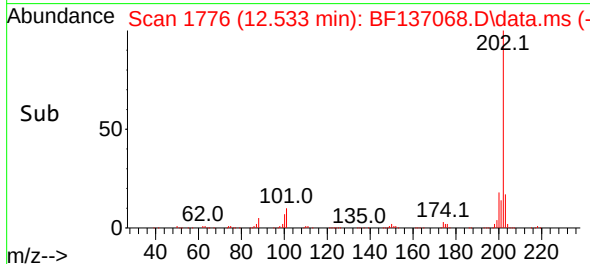
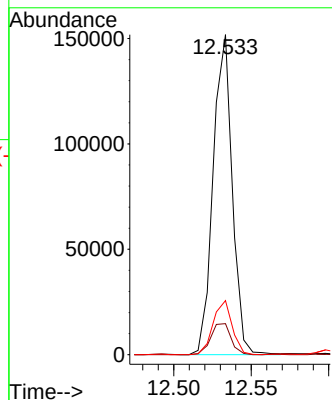
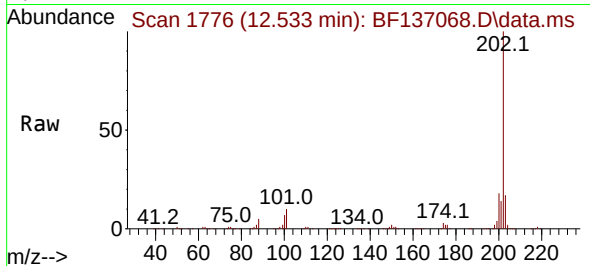




#75
Fluoranthene
Concen: 16.374 ng
RT: 12.533 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF137068.D
Acq: 15 Jan 2024 17:38

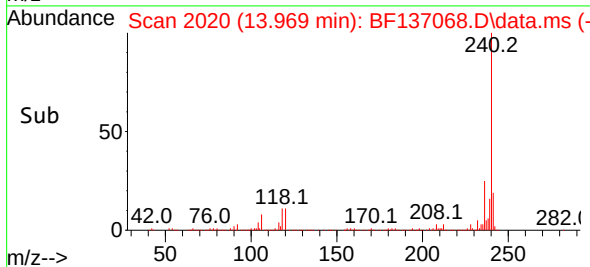
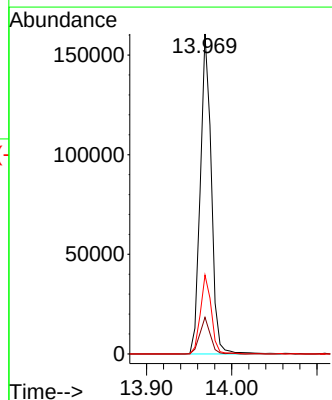
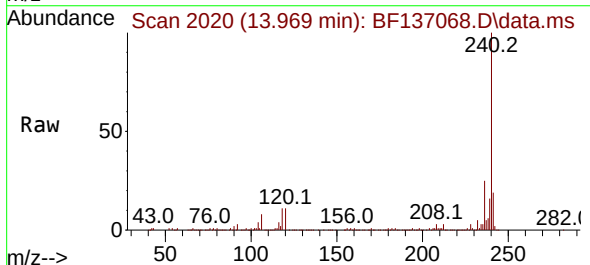
Instrument :
BNA_F
ClientSampleId :
360DL

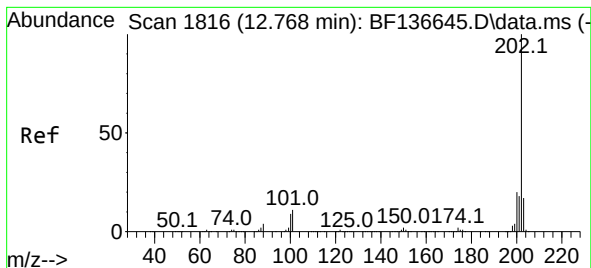
Tgt Ion:202 Resp: 130169
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.3
203 16.9 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF137068.D
Acq: 15 Jan 2024 17:38

Tgt Ion:240 Resp: 143959
Ion Ratio Lower Upper
240 100
120 11.4 10.3 15.5
236 24.6 19.4 29.2





#78

Pyrene

Concen: 6.355 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF137068.D

Acq: 15 Jan 2024 17:38

Instrument :

BNA_F

ClientSampleId :

360DL

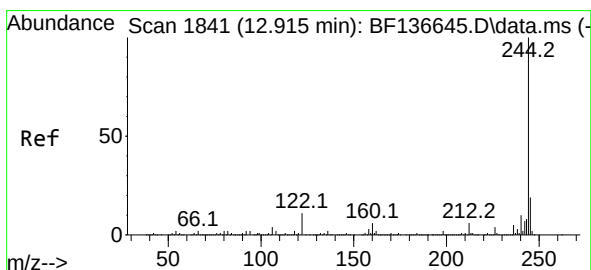
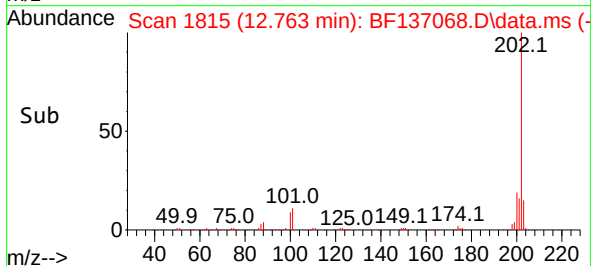
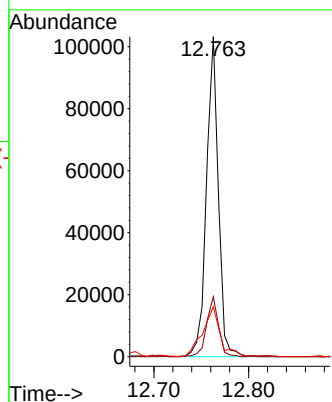
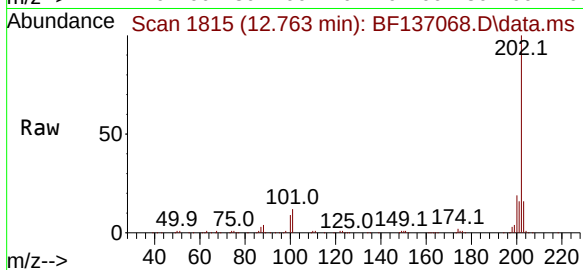
Tgt Ion:202 Resp: 89805

Ion Ratio Lower Upper

202 100

200 18.7 15.9 23.9

203 15.6 13.8 20.6



#79

Terphenyl-d14

Concen: 17.928 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF137068.D

Acq: 15 Jan 2024 17:38

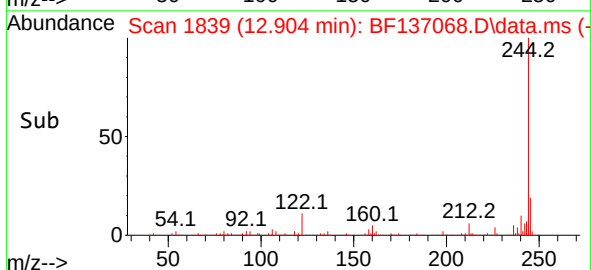
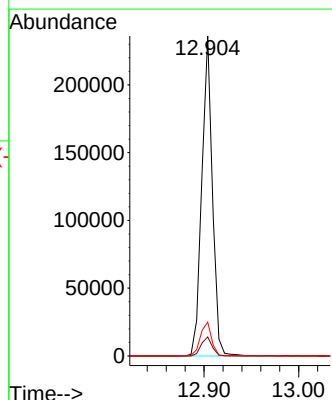
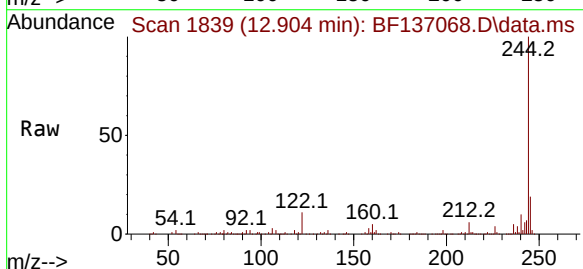
Tgt Ion:244 Resp: 184682

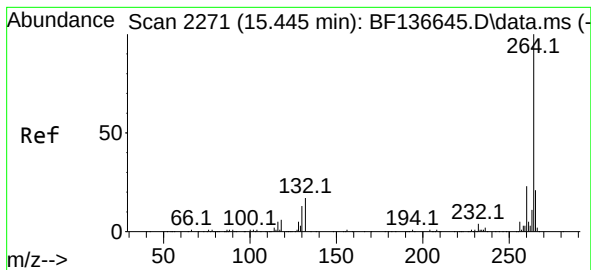
Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 10.6 9.0 13.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF137068.D

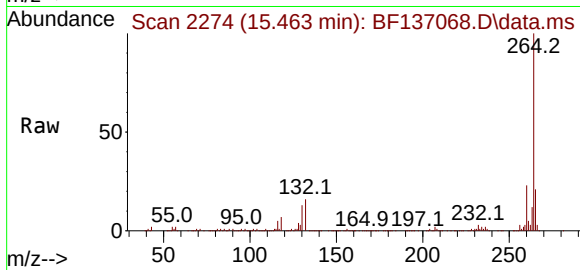
Acq: 15 Jan 2024 17:38

Instrument :

BNA_F

ClientSampleId :

360DL



Tgt Ion:264 Resp: 136899

Ion Ratio Lower Upper

264 100

260 22.9 18.3 27.5

265 21.4 17.0 25.6

