

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137933.D
 Acq On : 17 May 2024 15:49
 Operator : CG\JU
 Sample : P2482-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-02-229

Quant Time: May 17 16:36:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

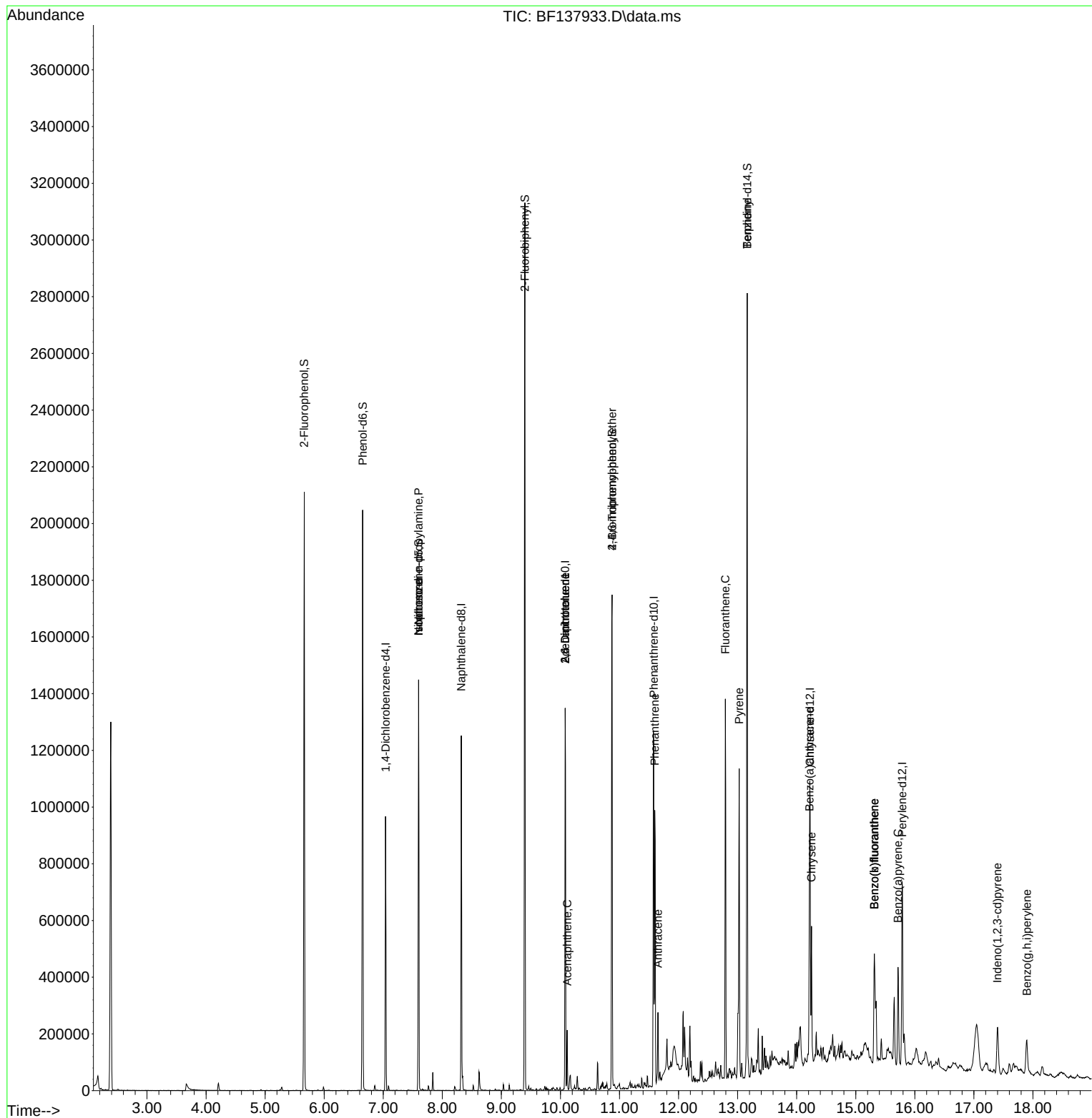
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	126959	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	487826	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	280827	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	478803	20.000	ng	0.00
76) Chrysene-d12	14.227	240	263173	20.000	ng	0.00
86) Perylene-d12	15.786	264	319225	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	574040	76.804	ng	0.00
7) Phenol-d6	6.651	99	723605	78.593	ng	0.00
23) Nitrobenzene-d5	7.598	82	433783	52.331	ng	-0.01
42) 2,4,6-Tribromophenol	10.874	330	224099	79.143	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	937803	51.440	ng	0.00
79) Terphenyl-d14	13.163	244	911873	51.066	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.598	70	57056	11.030	ng	# 75
25) Isophorone	7.598	82	433777	30.152	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	36854	9.118	ng	# 29
52) Acenaphthene	10.116	154	39472	2.642	ng	96
57) 2,4-Dinitrotoluene	10.080	165	36854	7.053	ng	# 33
67) 4-Bromophenyl-phenylether	10.874	248	14510	2.764	ng	# 1
71) Phenanthrene	11.598	178	351669	14.904	ng	100
72) Anthracene	11.651	178	86188	3.682	ng	100
75) Fluoranthene	12.792	202	512905	21.416	ng	98
77) Benzidine	13.163	184	11140	3.239	ng	# 91
78) Pyrene	13.027	202	418374	18.176	ng	99
81) Benzo(a)anthracene	14.215	228	193174	11.602	ng	99
83) Chrysene	14.251	228	168826	10.602	ng	97
87) Indeno(1,2,3-cd)pyrene	17.398	276	114143	5.565	ng	96
88) Benzo(b)fluoranthene	15.315	252	321167	17.376	ng	98
89) Benzo(k)fluoranthene	15.315	252	321167	17.687	ng	97
90) Benzo(a)pyrene	15.715	252	176978	11.213	ng	# 96
92) Benzo(g,h,i)perylene	17.897	276	106017	5.956	ng	99

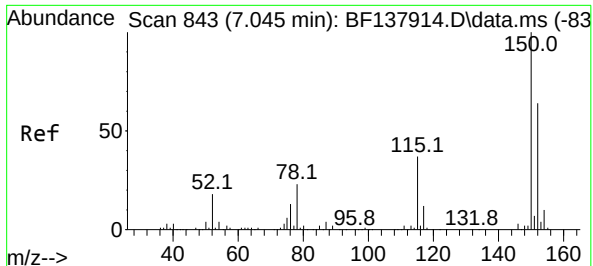
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
Data File : BF137933.D
Acq On : 17 May 2024 15:49
Operator : CG\JU
Sample : P2482-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-02-229

Quant Time: May 17 16:36:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

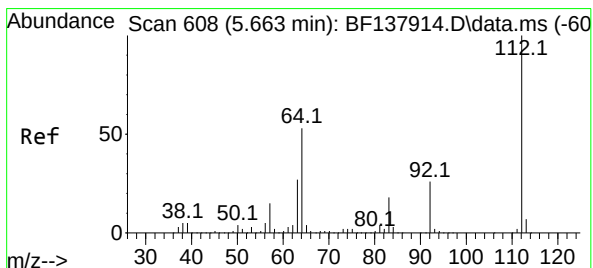
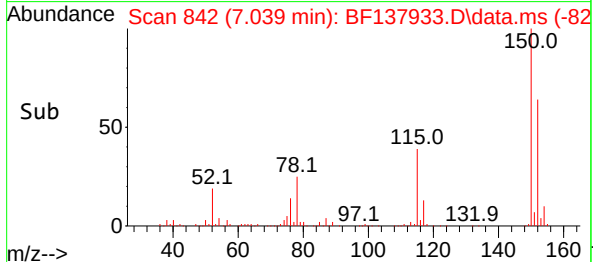
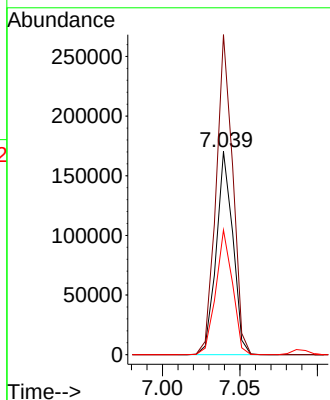
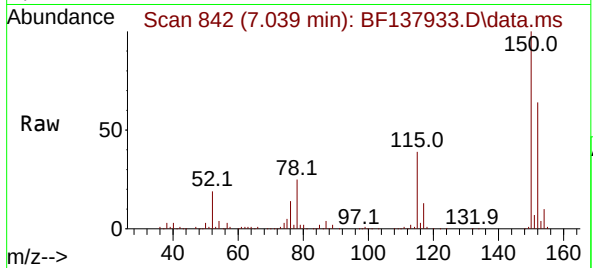




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF137933.D
Acq: 17 May 2024 15:49

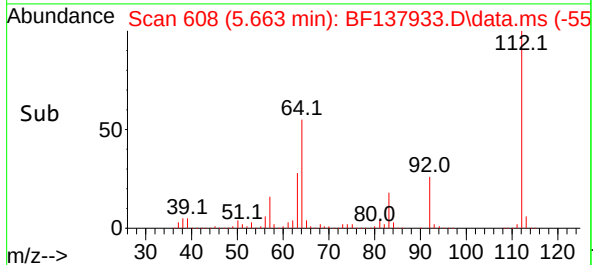
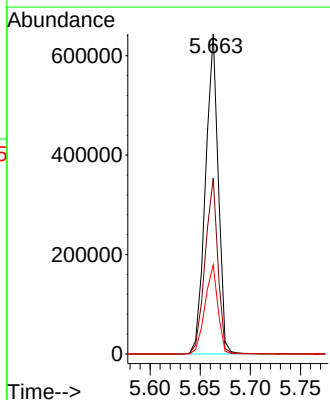
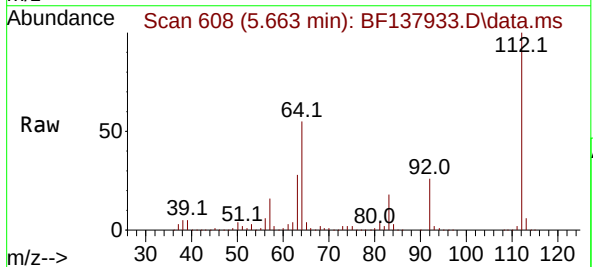
Instrument :
BNA_F
ClientSampleId :
SW-02-229

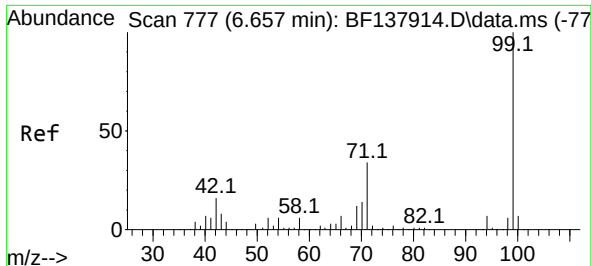
Tgt Ion:152 Resp: 126959
Ion Ratio Lower Upper
152 100
150 157.5 125.7 188.5
115 61.3 47.0 70.6



#5
2-Fluorophenol
Concen: 76.804 ng
RT: 5.663 min Scan# 608
Delta R.T. -0.000 min
Lab File: BF137933.D
Acq: 17 May 2024 15:49

Tgt Ion:112 Resp: 574040
Ion Ratio Lower Upper
112 100
64 55.0 42.4 63.6
63 27.8 21.4 32.2

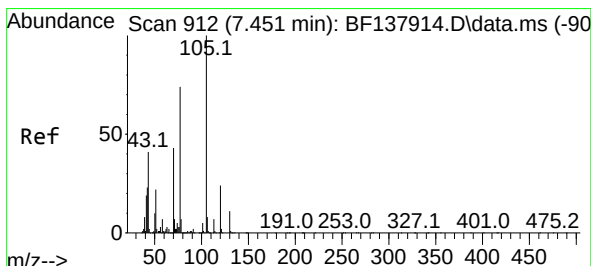
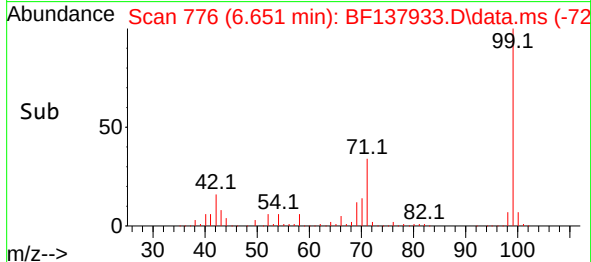
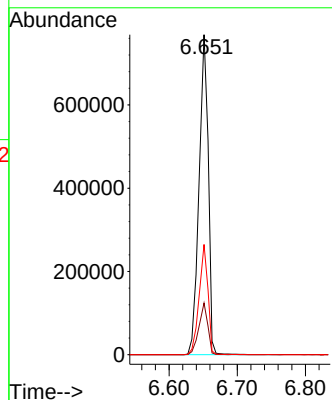
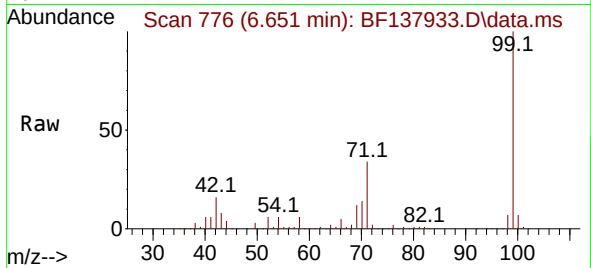




#7
Phenol-d6
Concen: 78.593 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137933.D
Acq: 17 May 2024 15:49

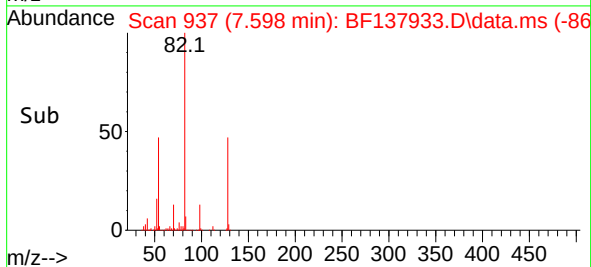
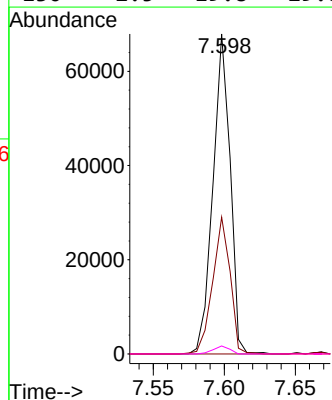
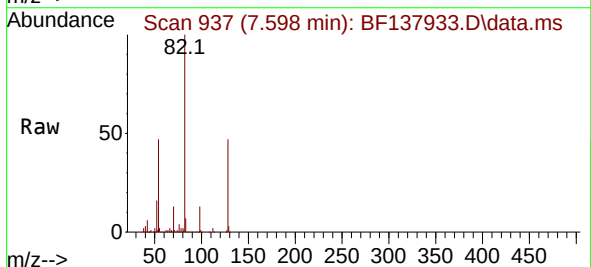
Instrument :
BNA_F
ClientSampleId :
SW-02-229

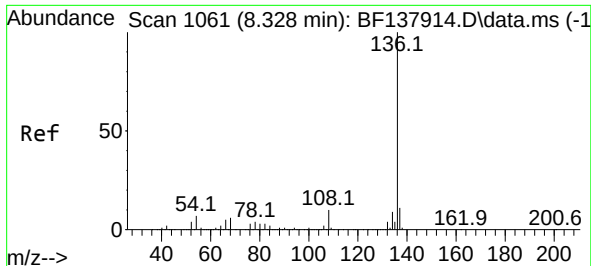
Tgt Ion: 99 Resp: 723605
Ion Ratio Lower Upper
99 100
42 16.2 12.6 18.8
71 34.4 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.030 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.147 min
Lab File: BF137933.D
Acq: 17 May 2024 15:49

Tgt Ion: 70 Resp: 57056
Ion Ratio Lower Upper
70 100
42 42.8 42.2 63.4
101 0.0 8.8 13.2#
130 2.5 19.8 29.8#



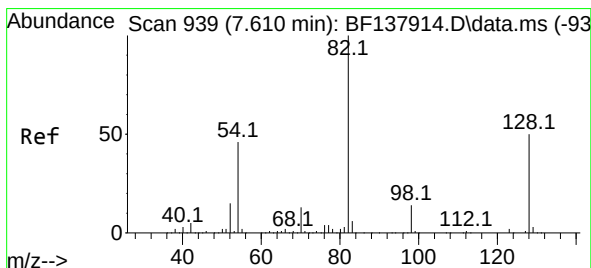
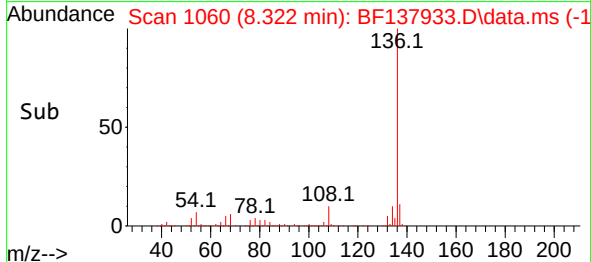
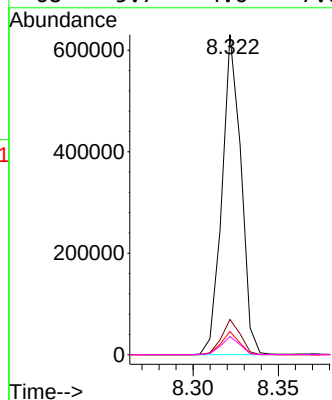
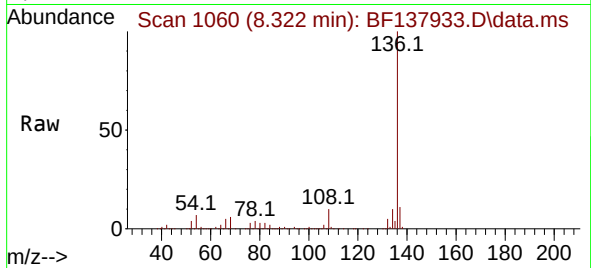


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF137933.D
Acq: 17 May 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SW-02-229

Tgt Ion:136 Resp: 487826

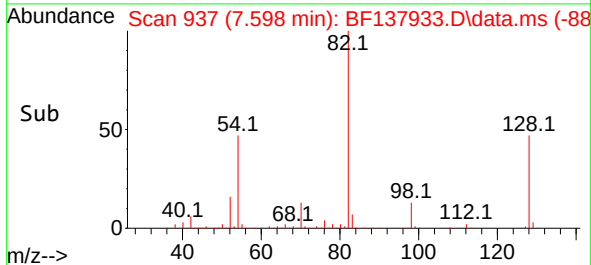
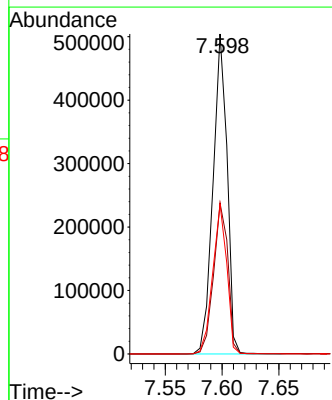
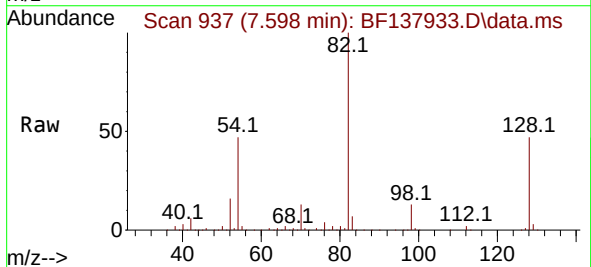
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.2	5.4	8.2
68	5.7	4.6	7.0

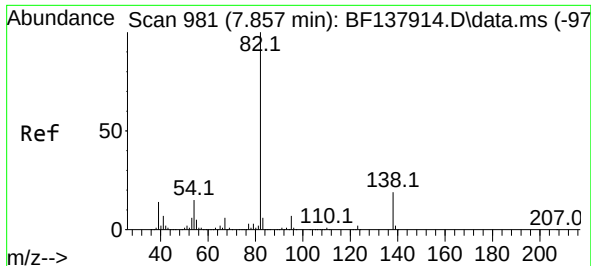


#23
Nitrobenzene-d5
Concen: 52.331 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF137933.D
Acq: 17 May 2024 15:49

Tgt Ion: 82 Resp: 433783

Ion	Ratio	Lower	Upper
82	100		
128	47.2	40.3	60.5
54	46.8	36.8	55.2

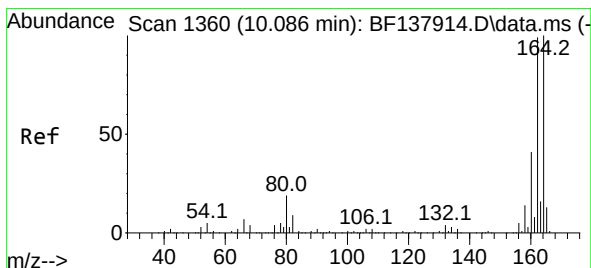
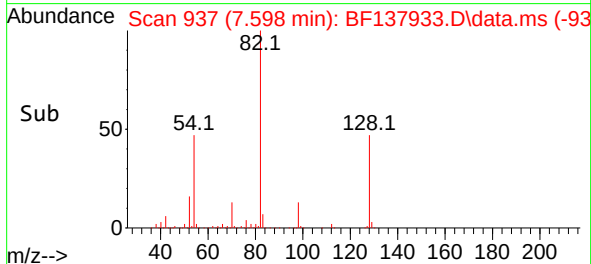
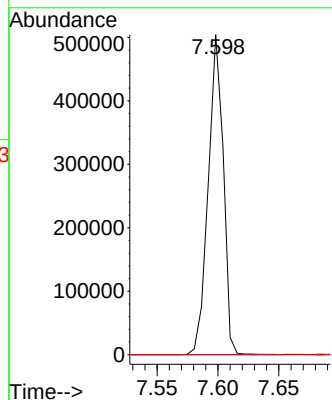
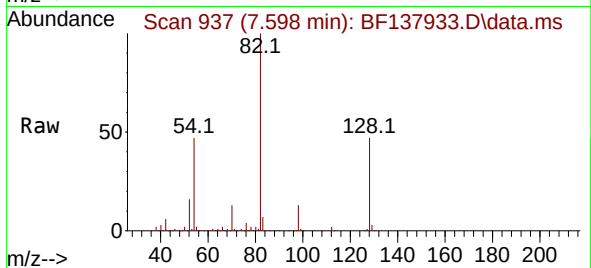




#25
Isophorone
Concen: 30.152 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF137933.D
Acq: 17 May 2024 15:49

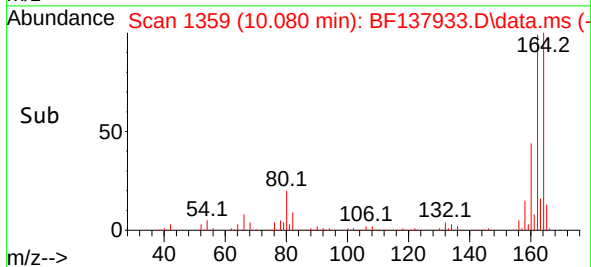
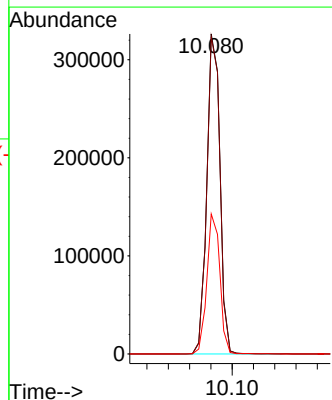
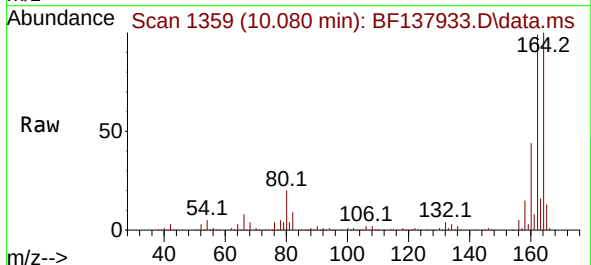
Instrument :
BNA_F
ClientSampleId :
SW-02-229

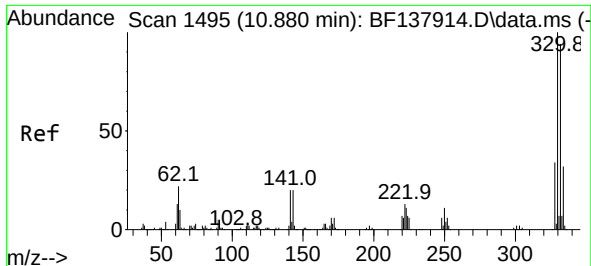
Tgt Ion: 82 Resp: 433777
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF137933.D
Acq: 17 May 2024 15:49

Tgt Ion:164 Resp: 280827
Ion Ratio Lower Upper
164 100
162 99.1 79.4 119.2
160 43.8 33.1 49.7

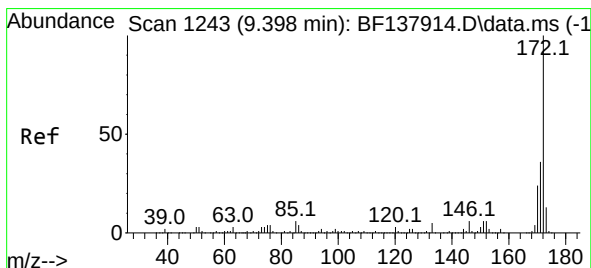
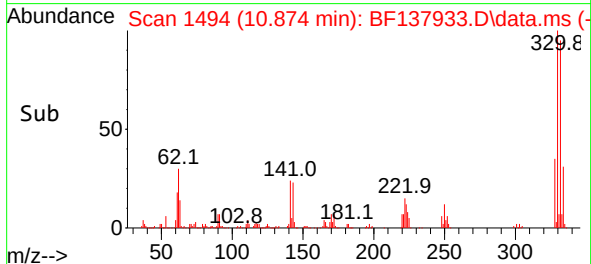
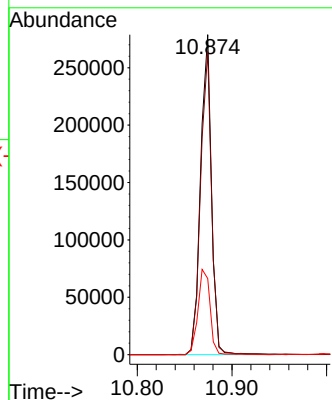
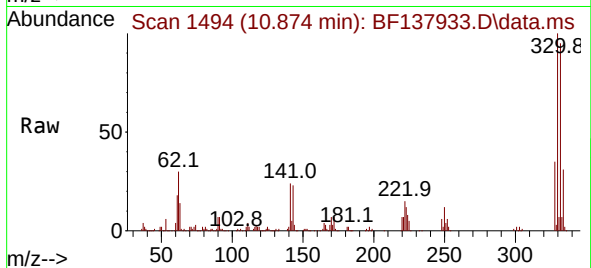




#42
2,4,6-Tribromophenol
Concen: 79.143 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137933.D
Acq: 17 May 2024 15:49

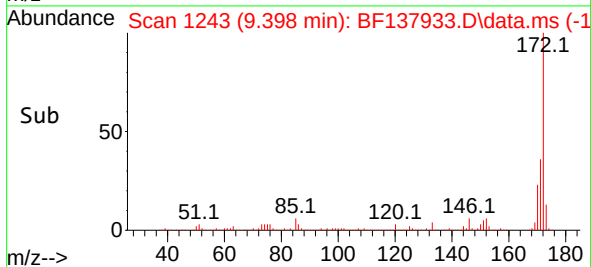
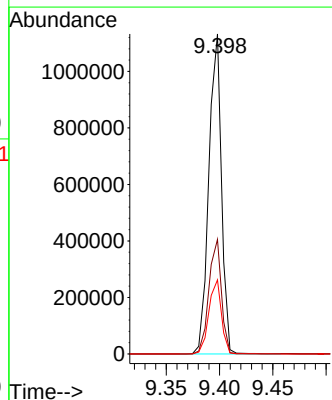
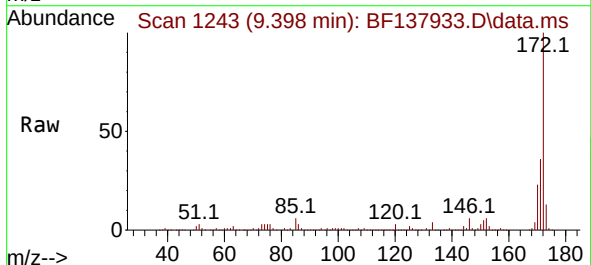
Instrument :
BNA_F
ClientSampleId :
SW-02-229

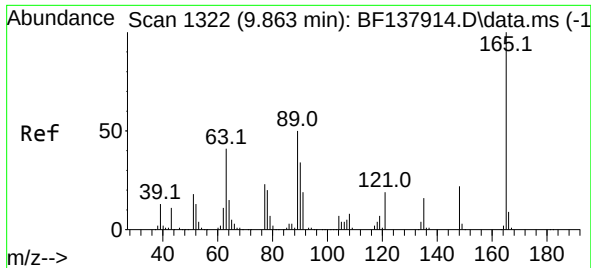
Tgt Ion:330 Resp: 224099
Ion Ratio Lower Upper
330 100
332 95.2 75.8 113.8
141 29.6 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 51.440 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BF137933.D
Acq: 17 May 2024 15:49

Tgt Ion:172 Resp: 937803
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 23.2 18.9 28.3

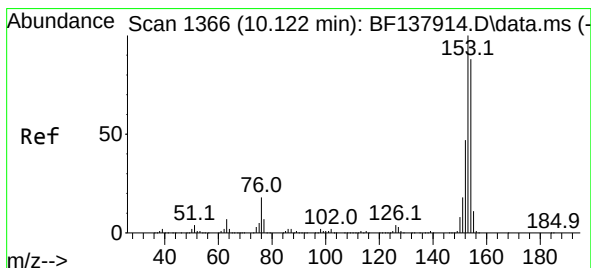
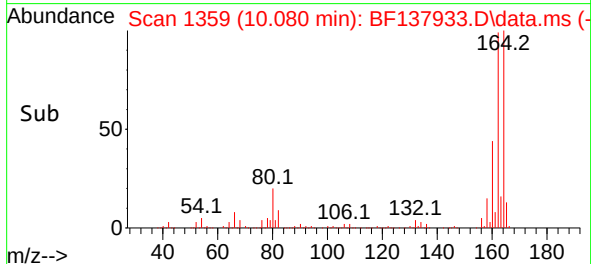
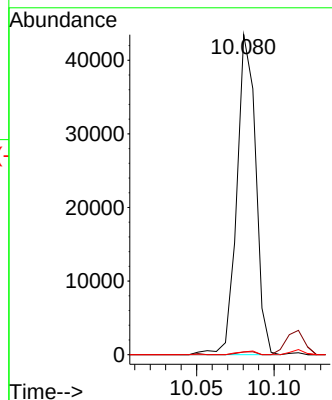
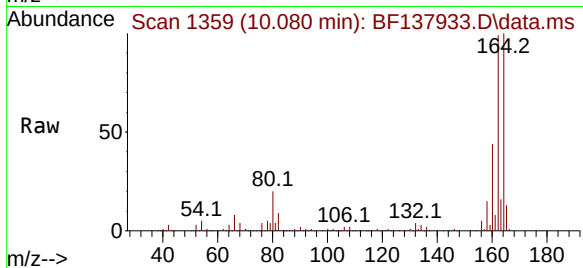




#51
2,6-Dinitrotoluene
Concen: 9.118 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF137933.D
Acq: 17 May 2024 15:49

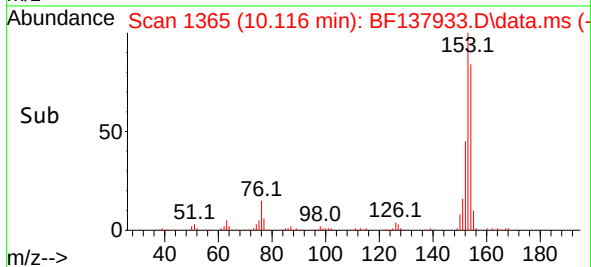
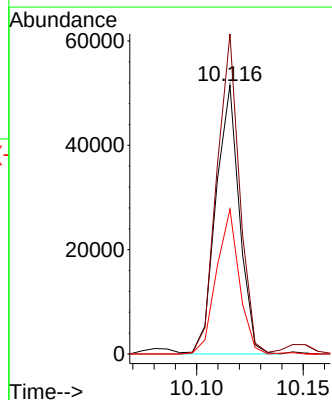
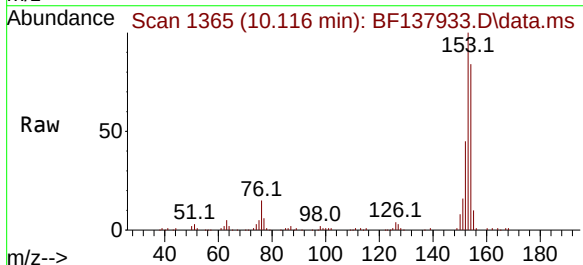
Instrument :
BNA_F
ClientSampleId :
SW-02-229

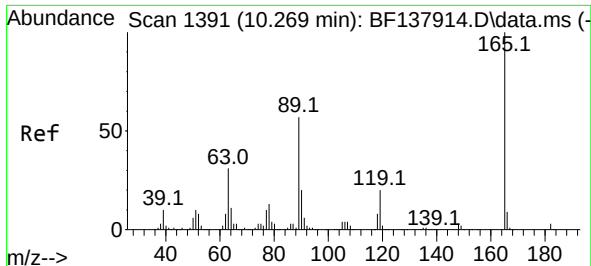
Tgt Ion:165 Resp: 36854
Ion Ratio Lower Upper
165 100
63 0.9 38.9 58.3#
89 0.9 40.4 60.6#



#52
Acenaphthene
Concen: 2.642 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF137933.D
Acq: 17 May 2024 15:49

Tgt Ion:154 Resp: 39472
Ion Ratio Lower Upper
154 100
153 119.1 90.4 135.6
152 53.9 42.3 63.5

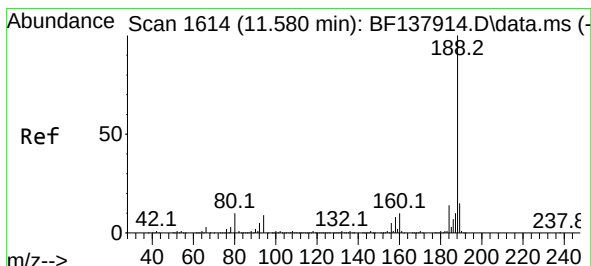
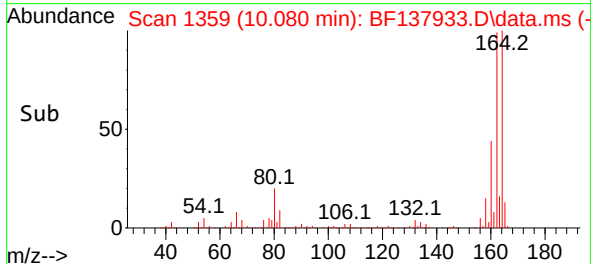
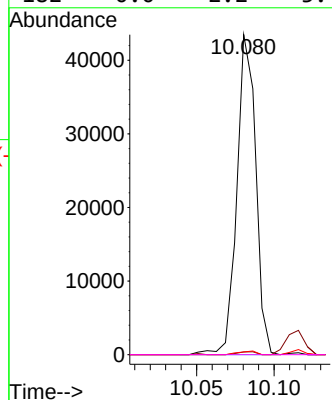
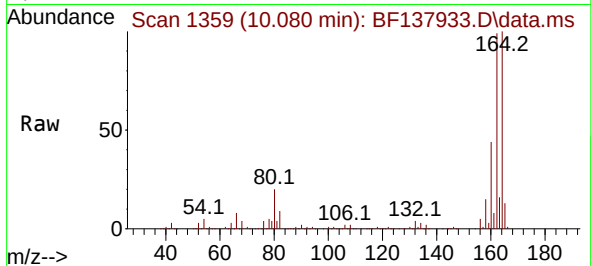




#57
2,4-Dinitrotoluene
Concen: 7.053 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF137933.D
Acq: 17 May 2024 15:49

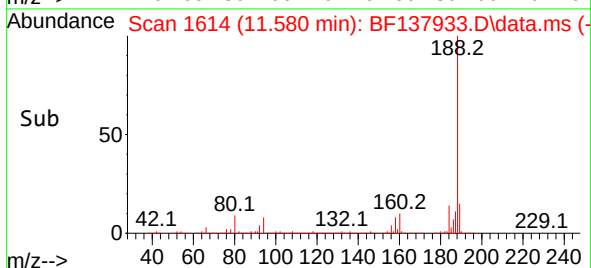
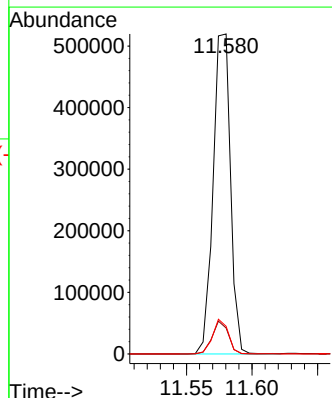
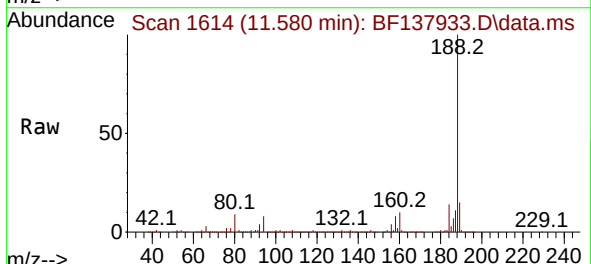
Instrument :
BNA_F
ClientSampleId :
SW-02-229

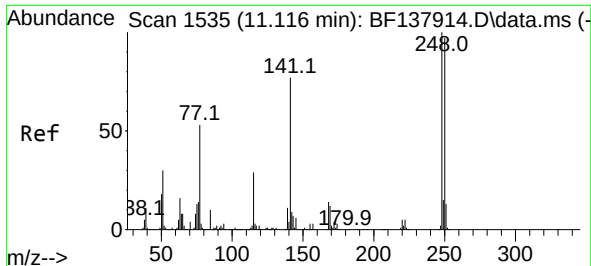
Tgt Ion:165 Resp: 36854
Ion Ratio Lower Upper
165 100
63 0.9 25.3 37.9#
89 0.9 45.9 68.9#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.580 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BF137933.D
Acq: 17 May 2024 15:49

Tgt Ion:188 Resp: 478803
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.4
80 8.6 7.7 11.5

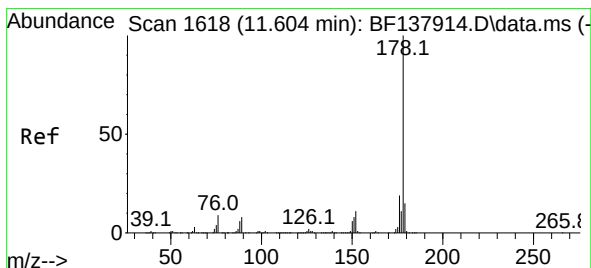
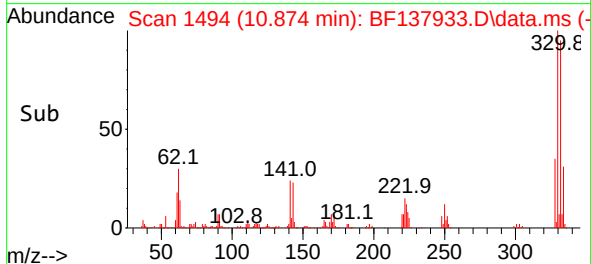
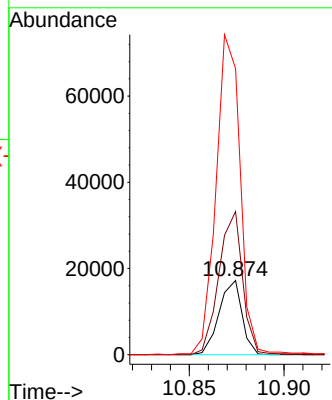
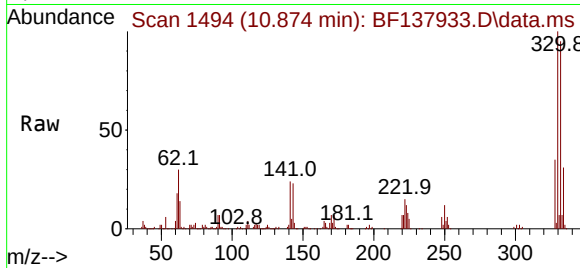




#67
4-Bromophenyl-phenylether
Concen: 2.764 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.241 min
Lab File: BF137933.D
Acq: 17 May 2024 15:49

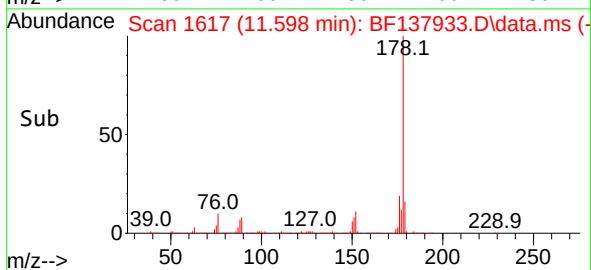
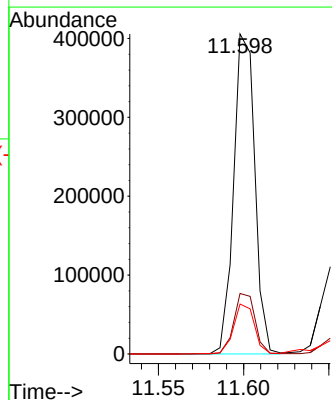
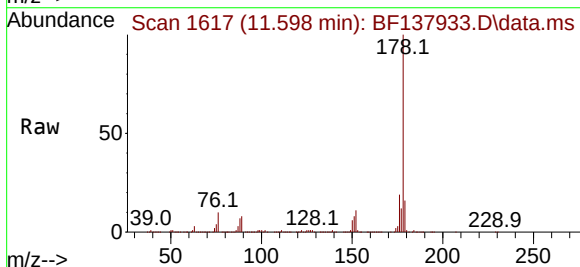
Instrument :
BNA_F
ClientSampleId :
SW-02-229

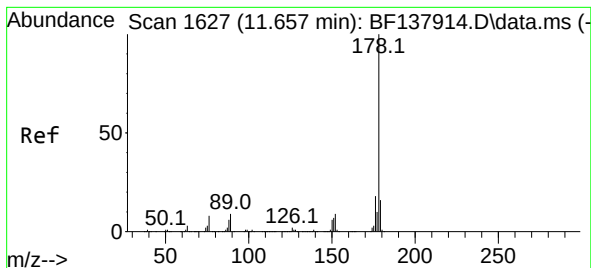
Tgt Ion:248 Resp: 14510
Ion Ratio Lower Upper
248 100
250 192.9 77.6 116.4#
141 385.5 61.4 92.2#



#71
Phenanthrene
Concen: 14.904 ng
RT: 11.598 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BF137933.D
Acq: 17 May 2024 15:49

Tgt Ion:178 Resp: 351669
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.6 12.2 18.4





#72

Anthracene

Concen: 3.682 ng

RT: 11.651 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137933.D

Acq: 17 May 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SW-02-229

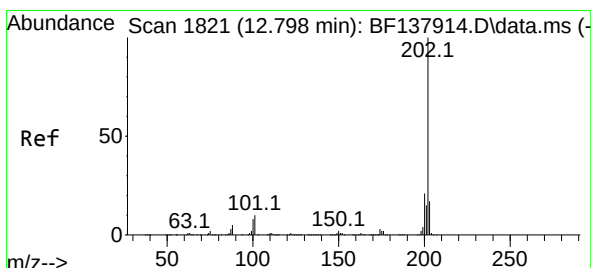
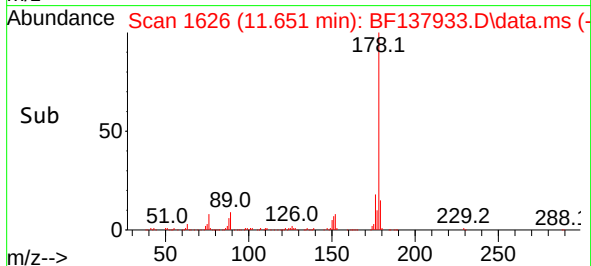
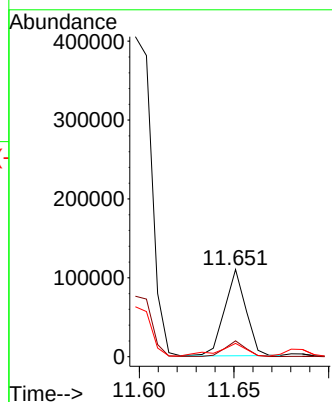
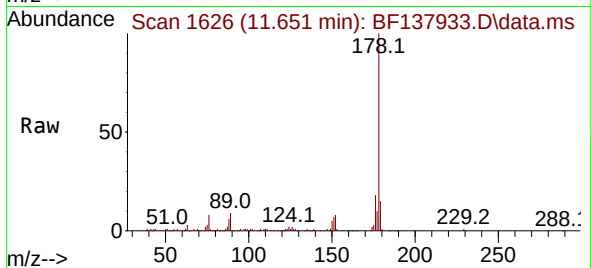
Tgt Ion:178 Resp: 86188

Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

179 15.3 12.4 18.6



#75

Fluoranthene

Concen: 21.416 ng

RT: 12.792 min Scan# 1820

Delta R.T. -0.006 min

Lab File: BF137933.D

Acq: 17 May 2024 15:49

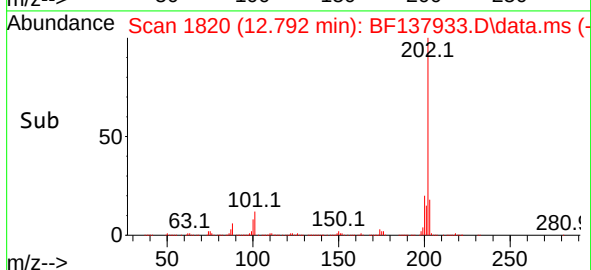
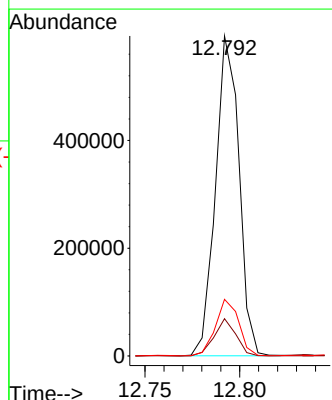
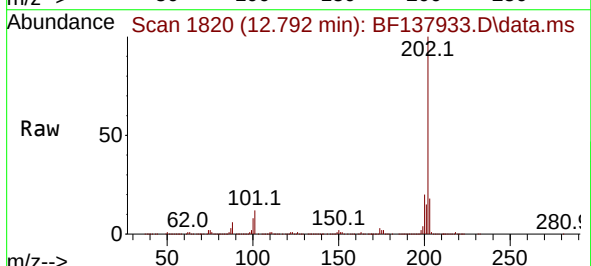
Tgt Ion:202 Resp: 512905

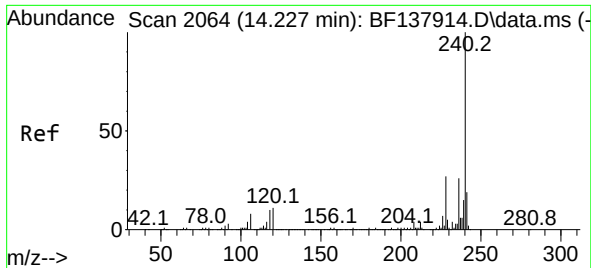
Ion Ratio Lower Upper

202 100

101 11.6 0.0 30.5

203 17.7 0.0 37.3

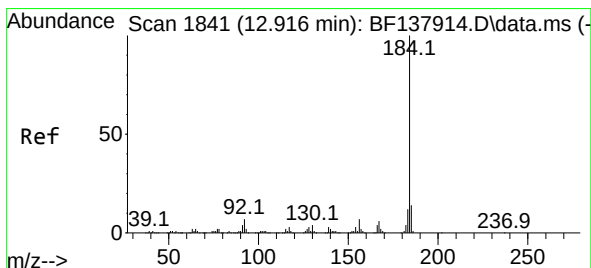
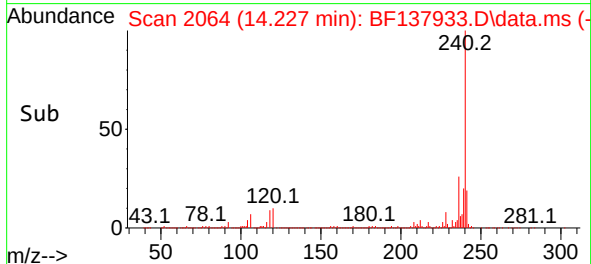
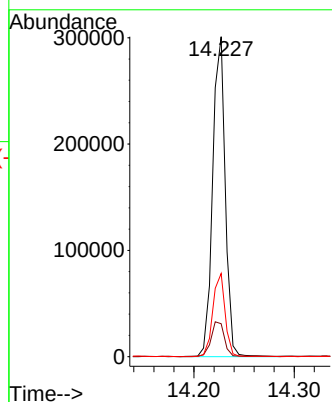
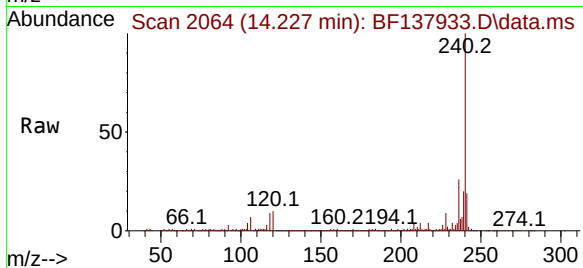




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BF137933.D
Acq: 17 May 2024 15:49

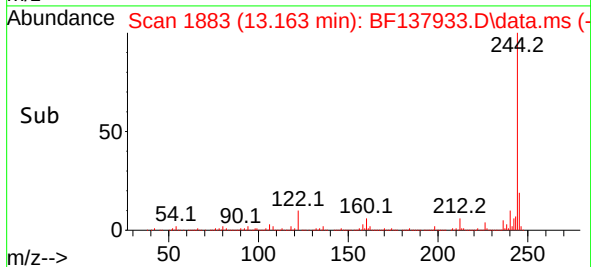
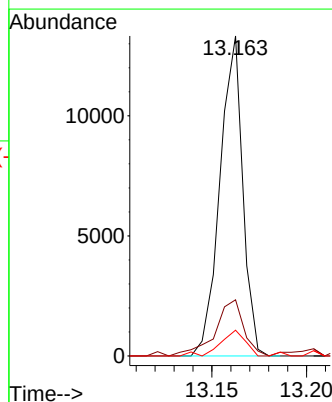
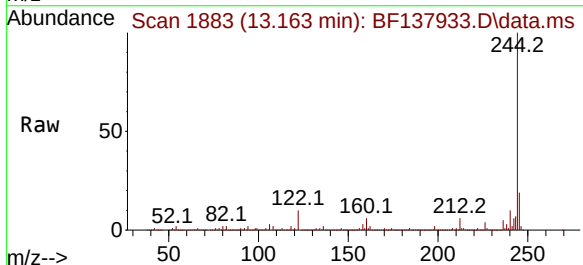
Instrument :
BNA_F
ClientSampleId :
SW-02-229

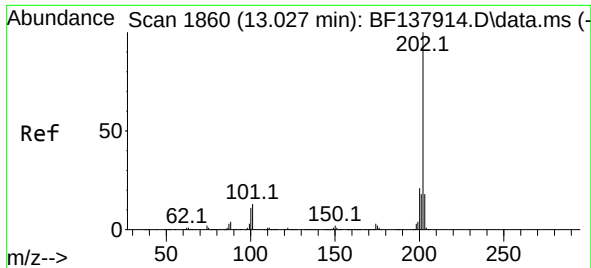
Tgt Ion:240 Resp: 263173
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 26.0 21.0 31.4



#77
Benzidine
Concen: 3.239 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.246 min
Lab File: BF137933.D
Acq: 17 May 2024 15:49

Tgt Ion:184 Resp: 11140
Ion Ratio Lower Upper
184 100
185 17.6 11.4 17.2#
183 8.0 9.5 14.3#

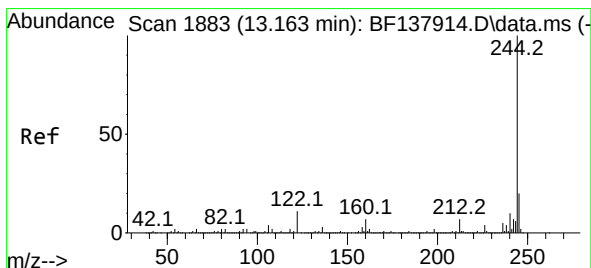
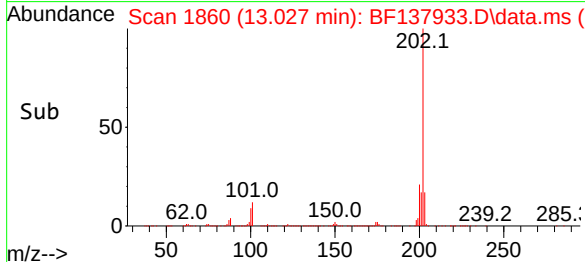
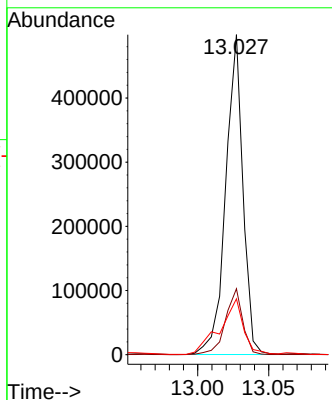
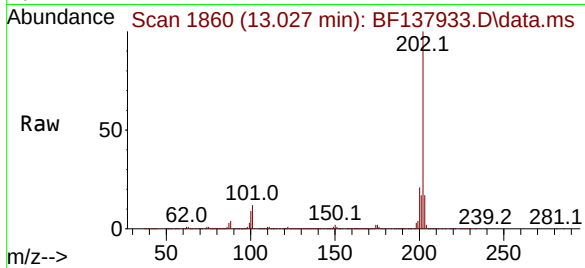




#78
Pyrene
Concen: 18.176 ng
RT: 13.027 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BF137933.D
Acq: 17 May 2024 15:49

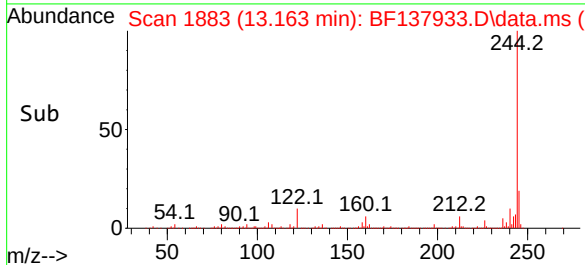
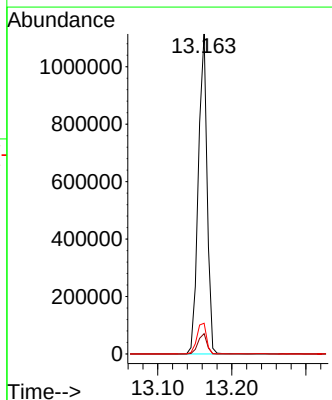
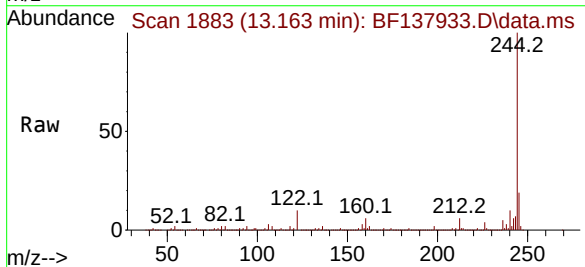
Instrument :
BNA_F
ClientSampleId :
SW-02-229

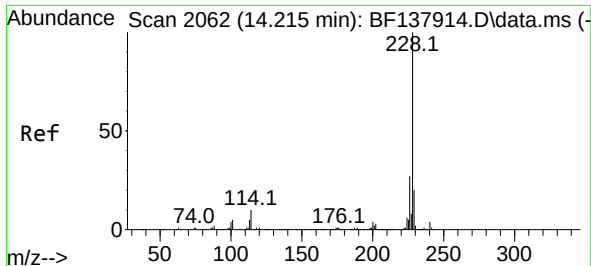
Tgt Ion:202 Resp: 418374
Ion Ratio Lower Upper
202 100
200 20.6 17.0 25.4
203 17.5 14.1 21.1



#79
Terphenyl-d14
Concen: 51.066 ng
RT: 13.163 min Scan# 1883
Delta R.T. -0.000 min
Lab File: BF137933.D
Acq: 17 May 2024 15:49

Tgt Ion:244 Resp: 911873
Ion Ratio Lower Upper
244 100
212 6.3 5.6 8.4
122 9.6 8.8 13.2

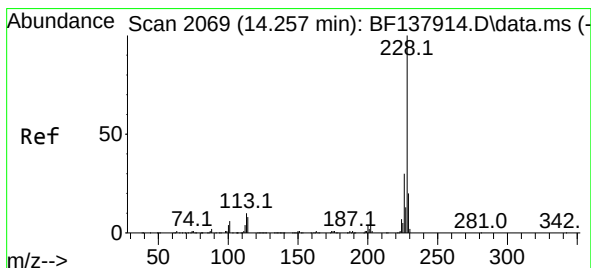
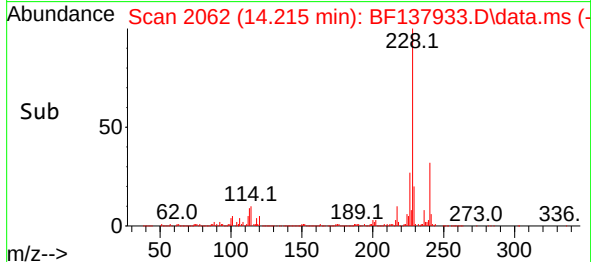
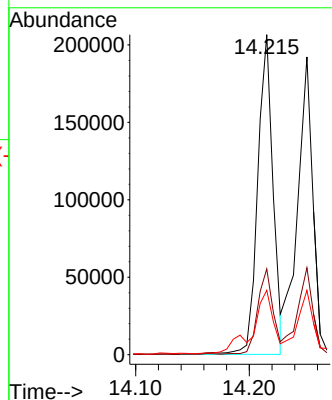
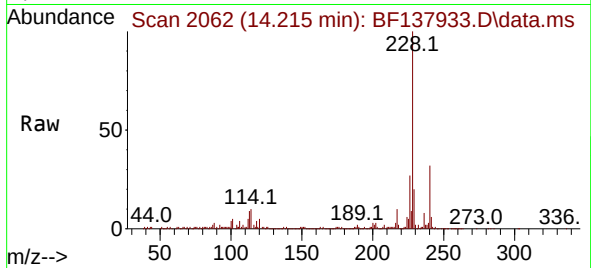




#81
Benzo(a)anthracene
Concen: 11.602 ng
RT: 14.215 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BF137933.D
Acq: 17 May 2024 15:49

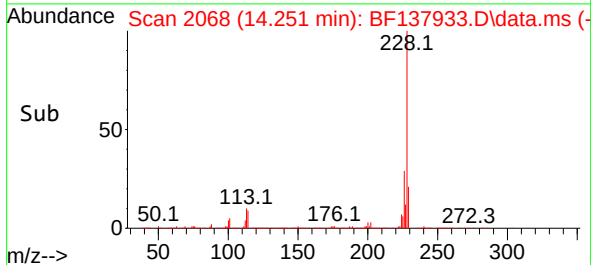
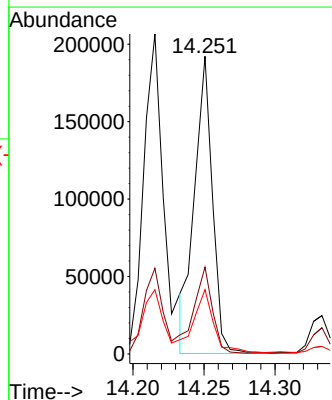
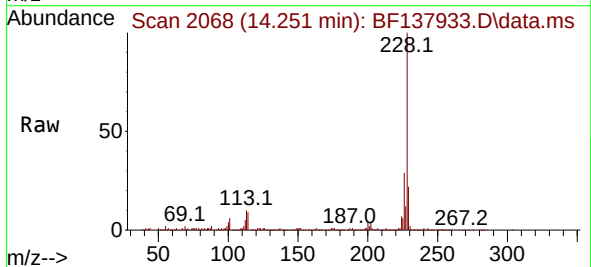
Instrument :
BNA_F
ClientSampleId :
SW-02-229

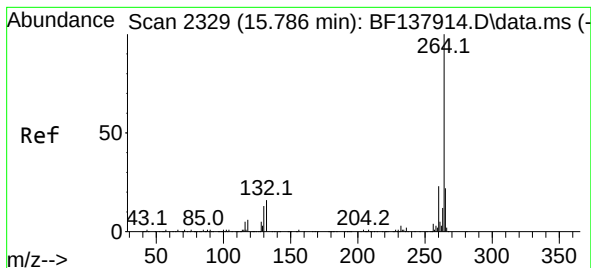
Tgt Ion:228 Resp: 193174
Ion Ratio Lower Upper
228 100
226 26.8 21.3 31.9
229 20.1 15.7 23.5



#83
Chrysene
Concen: 10.602 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF137933.D
Acq: 17 May 2024 15:49

Tgt Ion:228 Resp: 168826
Ion Ratio Lower Upper
228 100
226 29.2 23.8 35.8
229 21.6 15.6 23.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.786 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137933.D

Acq: 17 May 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SW-02-229

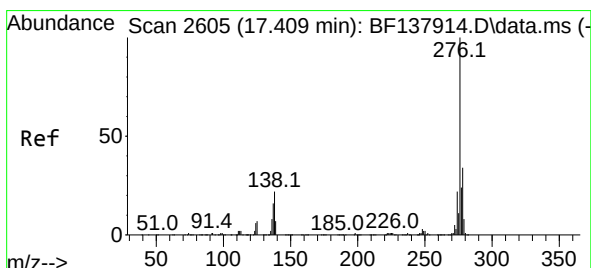
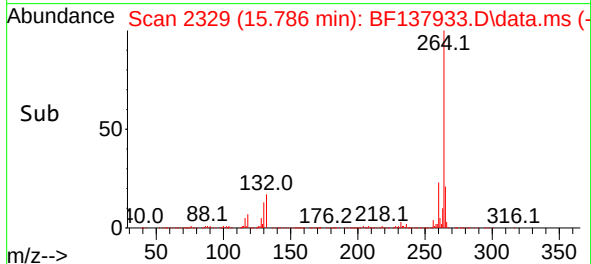
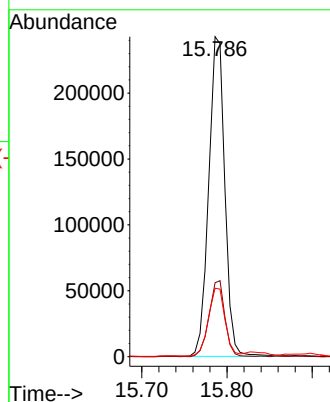
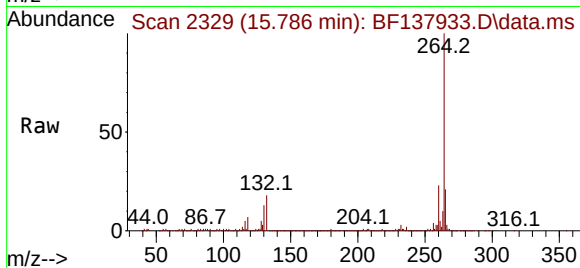
Tgt Ion:264 Resp: 319225

Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

265 21.4 17.6 26.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 5.565 ng

RT: 17.398 min Scan# 2603

Delta R.T. -0.012 min

Lab File: BF137933.D

Acq: 17 May 2024 15:49

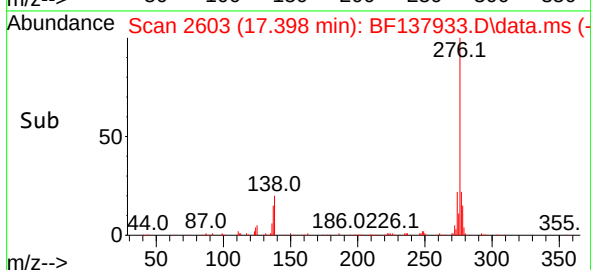
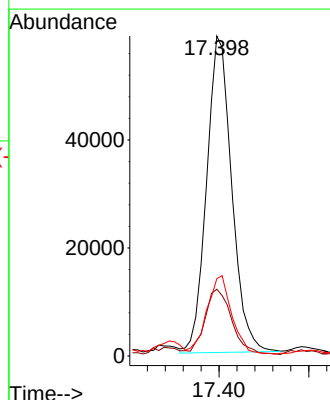
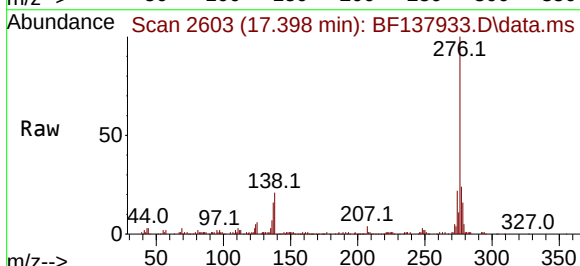
Tgt Ion:276 Resp: 114143

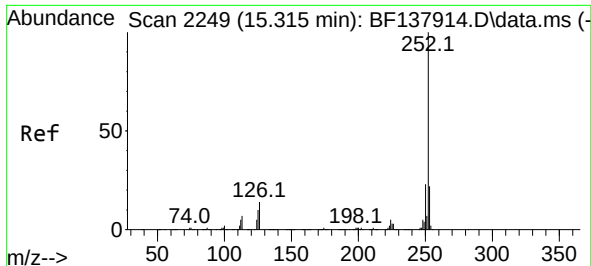
Ion Ratio Lower Upper

276 100

138 22.3 20.6 30.8

277 24.6 20.2 30.2

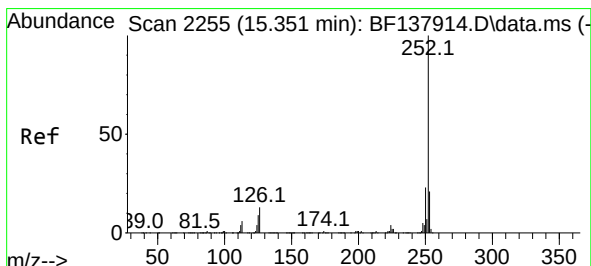
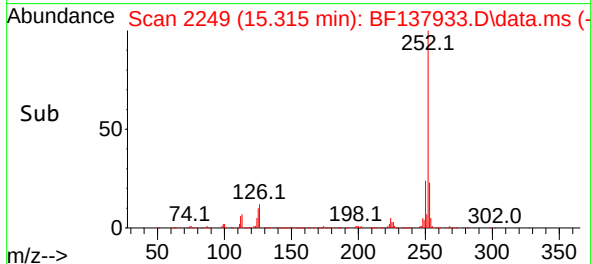
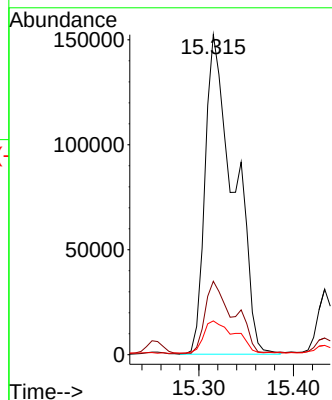
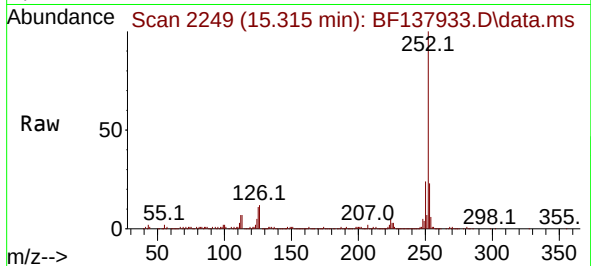




#88
Benzo(b)fluoranthene
Concen: 17.376 ng
RT: 15.315 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF137933.D
Acq: 17 May 2024 15:49

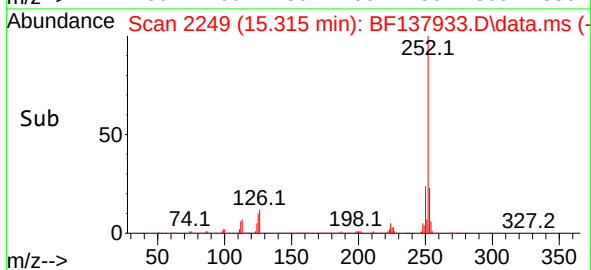
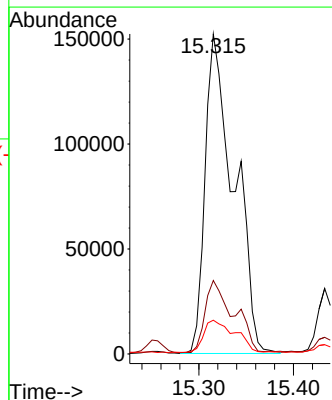
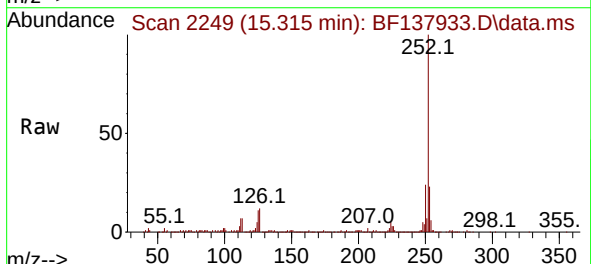
Instrument :
BNA_F
ClientSampleId :
SW-02-229

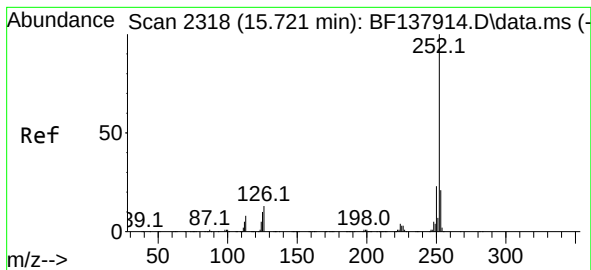
Tgt Ion:252 Resp: 321167
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 10.6 8.2 12.4



#89
Benzo(k)fluoranthene
Concen: 17.687 ng
RT: 15.315 min Scan# 2249
Delta R.T. -0.035 min
Lab File: BF137933.D
Acq: 17 May 2024 15:49

Tgt Ion:252 Resp: 321167
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 10.6 7.7 11.5





#90

Benzo(a)pyrene

Concen: 11.213 ng

RT: 15.715 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137933.D

Acq: 17 May 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SW-02-229

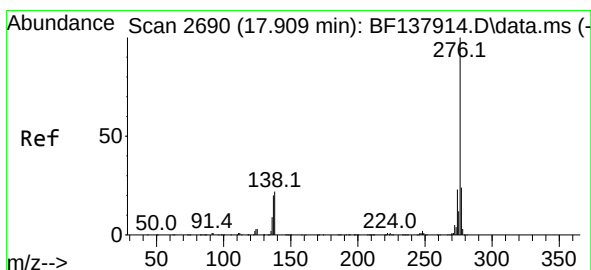
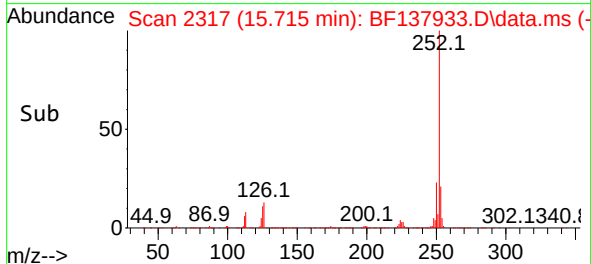
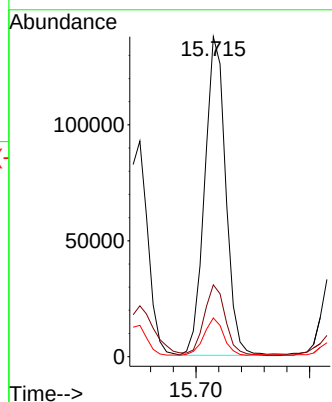
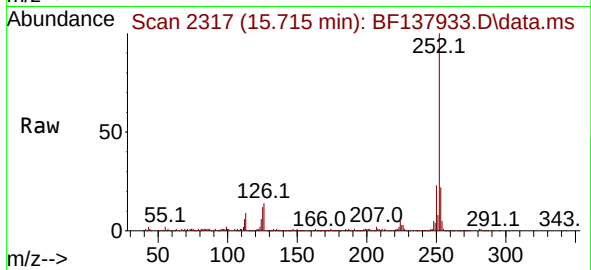
Tgt Ion:252 Resp: 176978

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

125 12.1 7.8 11.8#



#92

Benzo(g,h,i)perylene

Concen: 5.956 ng

RT: 17.897 min Scan# 2688

Delta R.T. -0.012 min

Lab File: BF137933.D

Acq: 17 May 2024 15:49

Tgt Ion:276 Resp: 106017

Ion Ratio Lower Upper

276 100

277 23.0 18.9 28.3

138 21.3 17.6 26.4

