

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
 Data File : BF131168.D
 Acq On : 11 Nov 2022 23:12
 Operator : CG\JU
 Sample : N5556-05 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RM-5

Quant Time: Nov 12 00:08:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 12 00:03:31 2022
 Response via : Initial Calibration

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

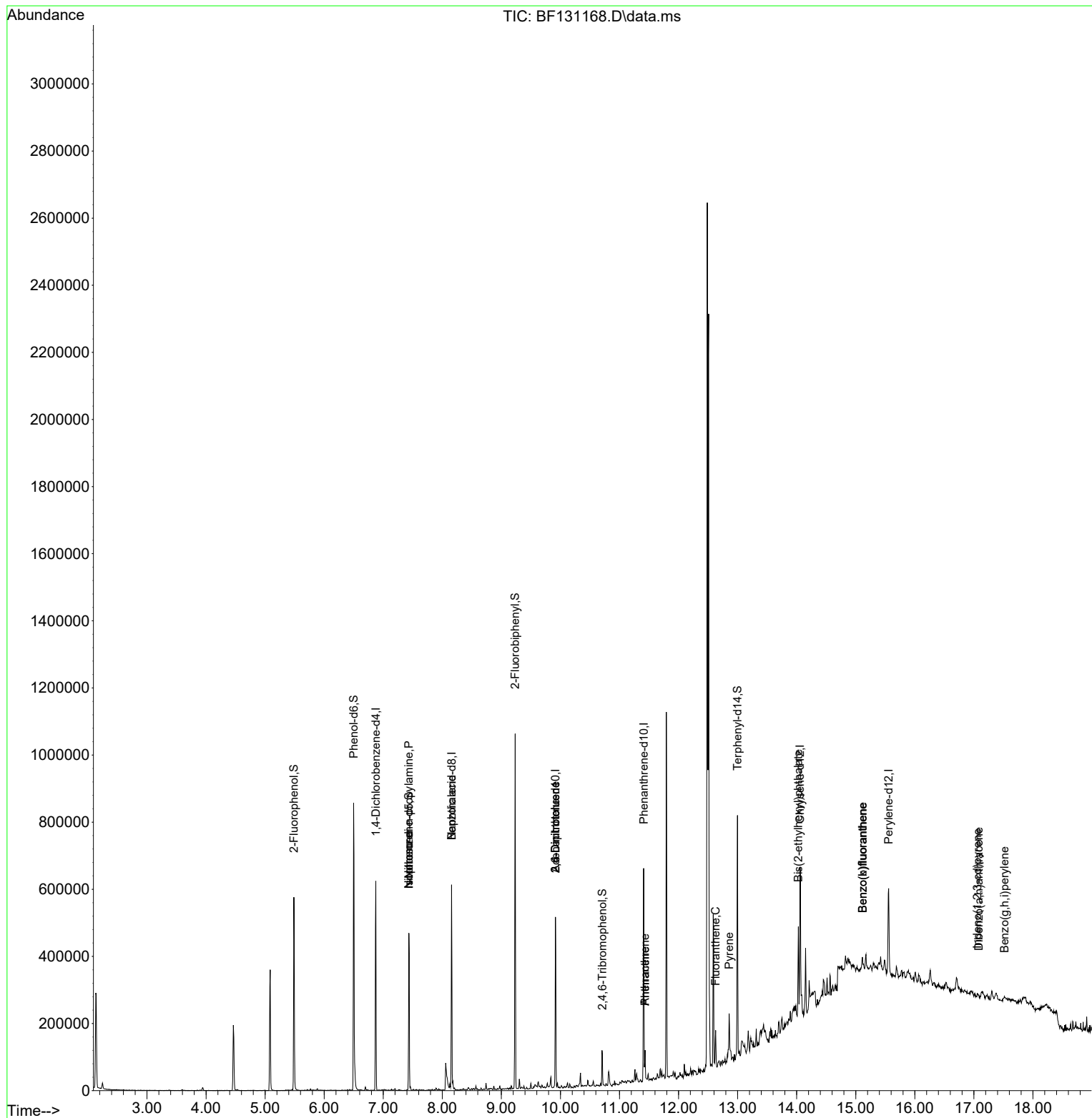
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	80309	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	217064	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	94863	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	196685	20.000	ng	0.00
76) Chrysene-d12	14.057	240	138419	20.000	ng	# 0.00
86) Perylene-d12	15.556	264	107602	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	133100	28.185	ng	0.00
7) Phenol-d6	6.498	99	250641	40.597	ng	0.00
23) Nitrobenzene-d5	7.433	82	134962	28.053	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	10445	10.654	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	264153	38.872	ng	0.00
79) Terphenyl-d14	12.998	244	213331	27.022	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	18401	4.539	ng	# 78
25) Isophorone	7.433	82	134906	18.136	ng	# 68
32) Benzoic acid	8.157	122	60	5.741	ng	# 1
51) 2,6-Dinitrotoluene	9.916	165	12220	8.240	ng	# 15
57) 2,4-Dinitrotoluene	9.916	165	12220	6.199	ng	# 17
71) Phenanthrene	11.433	178	28357	2.621	ng	98
72) Anthracene	11.433	178	28357	2.701	ng	99
75) Fluoranthene	12.627	202	34876	3.221	ng	98
78) Pyrene	12.857	202	37221	3.134	ng	96
84) Bis(2-ethylhexyl)phtha...	14.027	149	63321	13.796	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	8265	4.728	ng	# 85
88) Benzo(b)fluoranthene	15.115	252	21302	2.800	ng	# 71
89) Benzo(k)fluoranthene	15.115	252	21302	2.913	ng	# 72
91) Dibenzo(a,h)anthracene	17.080	278	2354	4.143	ng	# 1
92) Benzo(g,h,i)perylene	17.521	276	7507	5.268	ng	# 76

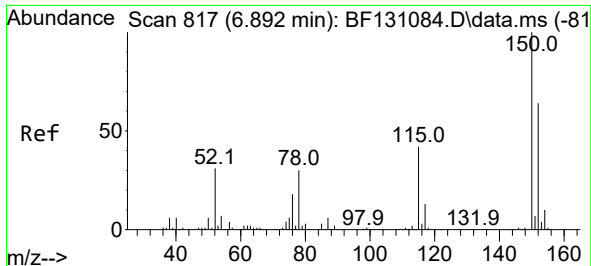
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
Data File : BF131168.D
Acq On : 11 Nov 2022 23:12
Operator : CG\JU
Sample : N5556-05 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RM-5

Quant Time: Nov 12 00:08:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 12 00:03:31 2022
Response via : Initial Calibration

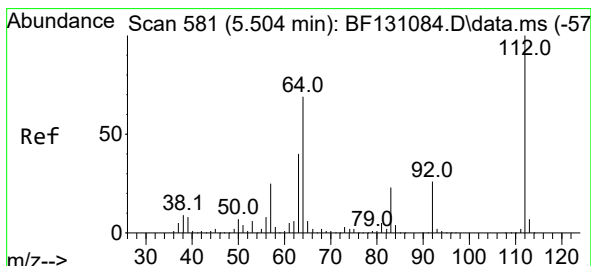
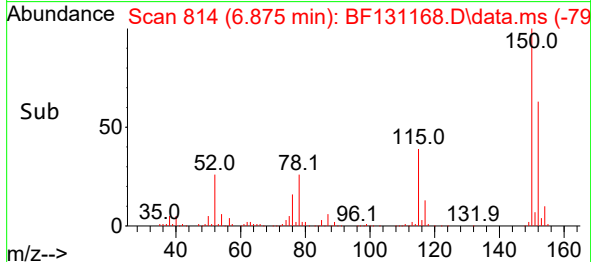
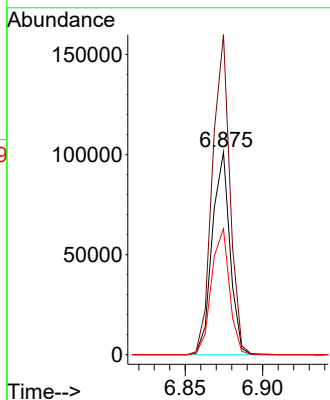
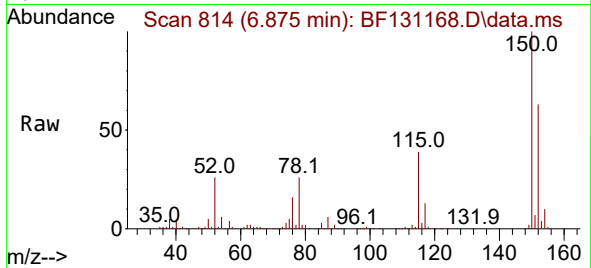




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

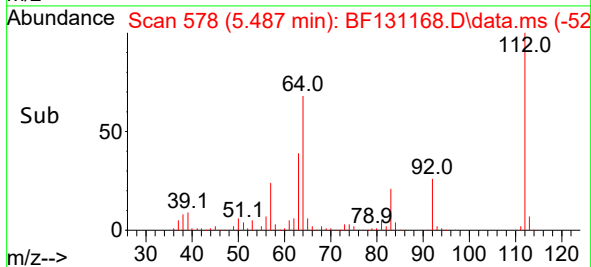
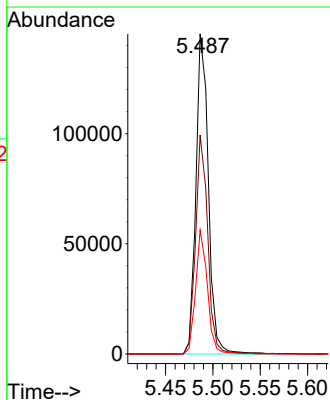
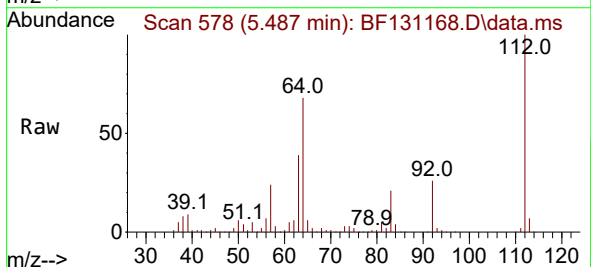
Instrument :
BNA_F
ClientSampleId :
RM-5

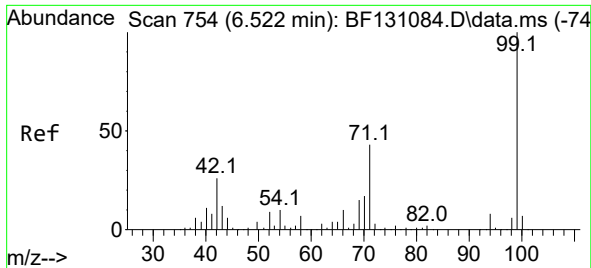
Tgt Ion:152 Resp: 80309
Ion Ratio Lower Upper
152 100
150 157.9 125.5 188.3
115 62.2 52.2 78.2



#5
2-Fluorophenol
Concen: 28.185 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

Tgt Ion:112 Resp: 133100
Ion Ratio Lower Upper
112 100
64 68.4 55.1 82.7
63 38.7 32.4 48.6

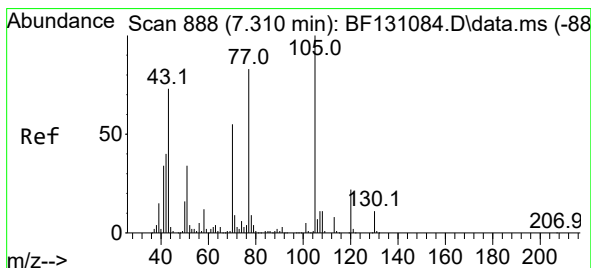
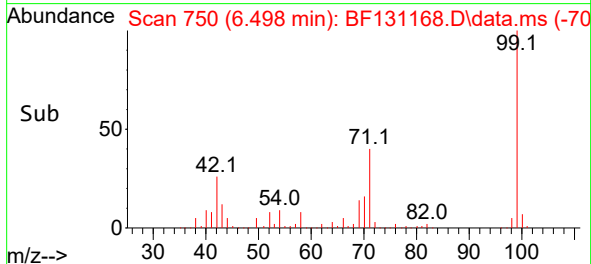
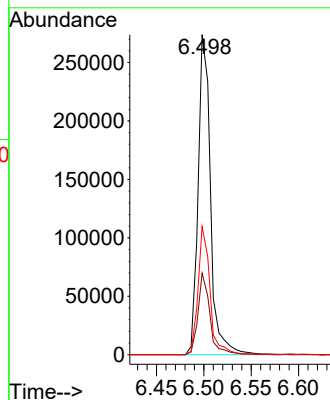
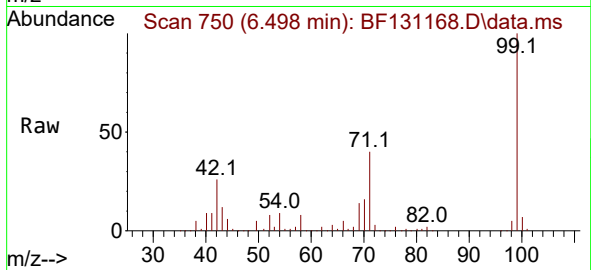




#7
Phenol-d6
Concen: 40.597 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

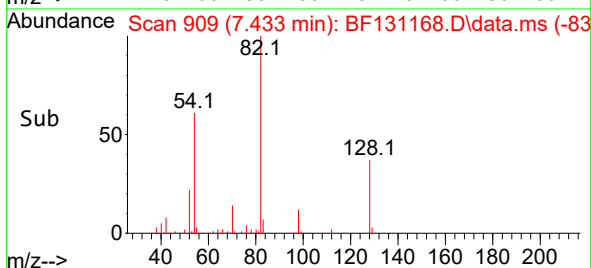
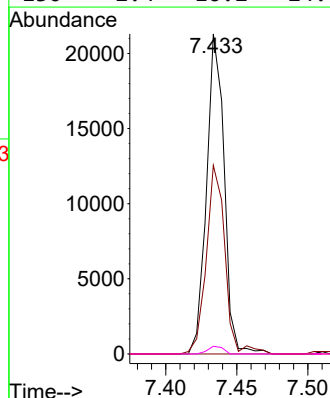
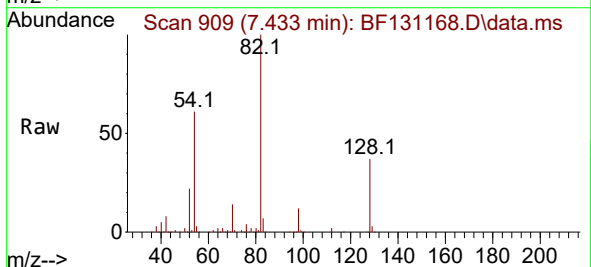
Instrument :
BNA_F
ClientSampleId :
RM-5

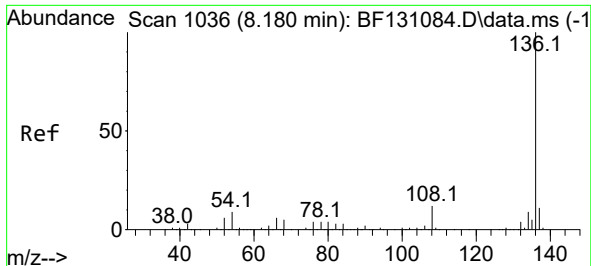
Tgt Ion: 99 Resp: 250641
Ion Ratio Lower Upper
99 100
42 25.5 20.8 31.2
71 40.1 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 4.539 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

Tgt Ion: 70 Resp: 18401
Ion Ratio Lower Upper
70 100
42 59.0 58.3 87.5
101 0.0 7.4 11.2#
130 2.4 16.2 24.4#

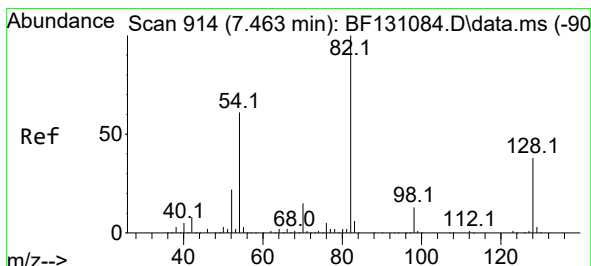
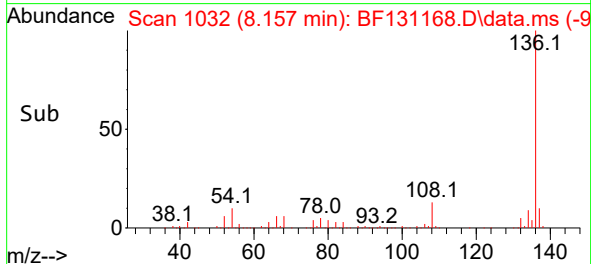
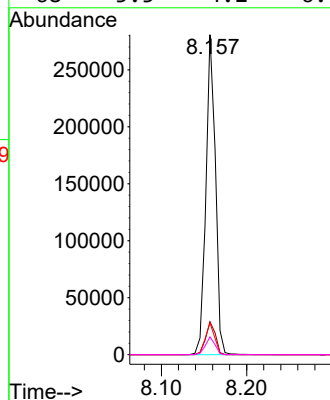
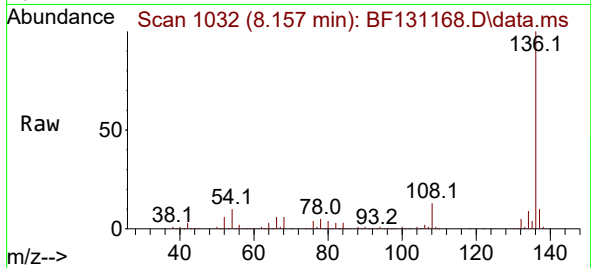




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

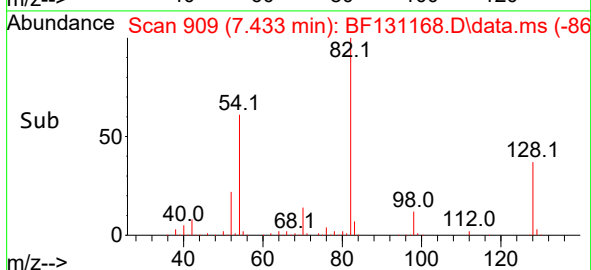
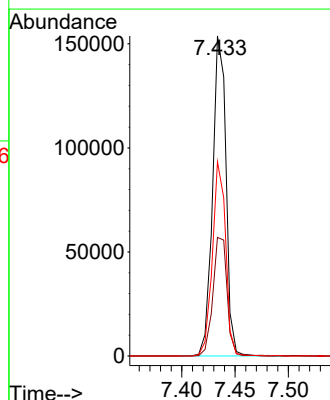
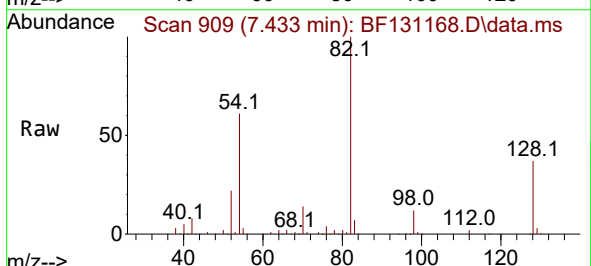
Instrument :
BNA_F
ClientSampleId :
RM-5

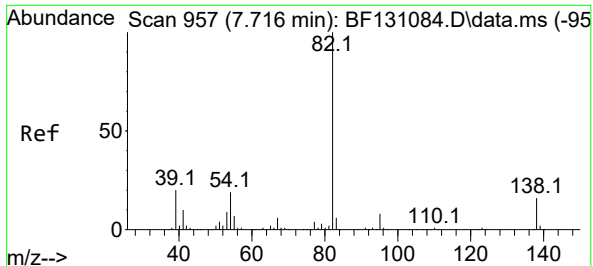
Tgt Ion:136	Resp:	217064	
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	12.8
54	10.0	7.2	10.8
68	5.5	4.2	6.4



#23
Nitrobenzene-d5
Concen: 28.053 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

Tgt Ion: 82	Resp: 134962
Ion Ratio	Lower Upper
82 100	
128 37.1	30.5 45.7
54 60.7	49.1 73.7

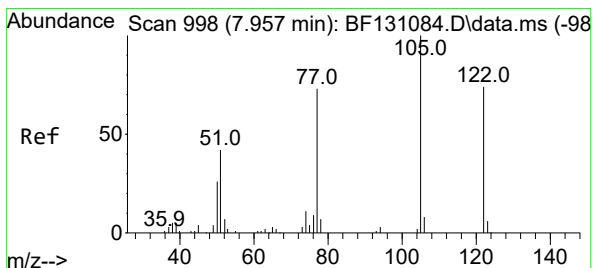
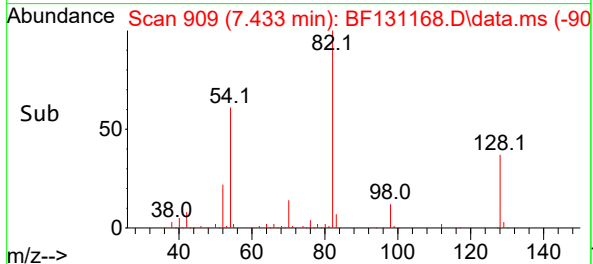
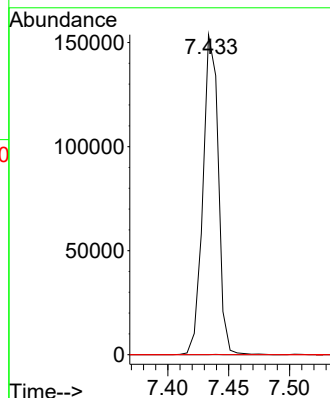
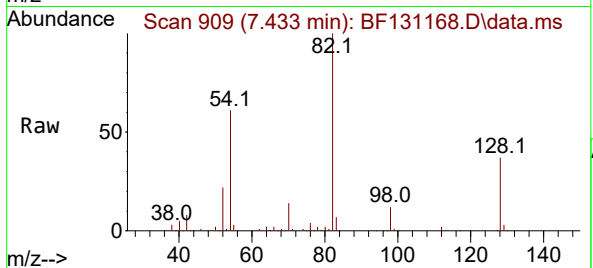




#25
Isophorone
Concen: 18.136 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

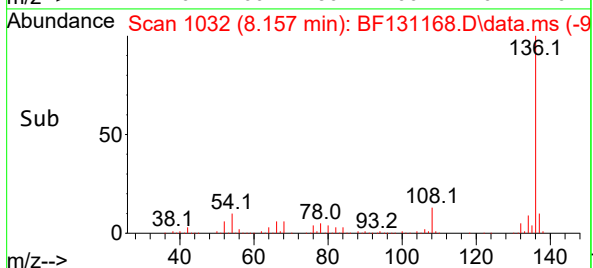
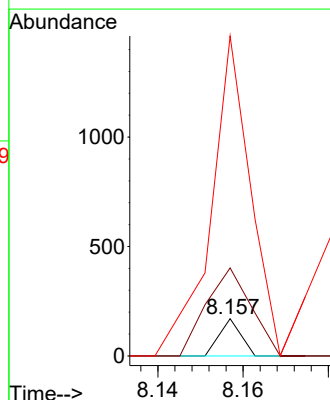
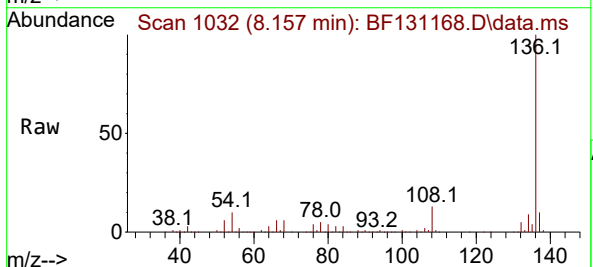
Instrument :
BNA_F
ClientSampleId :
RM-5

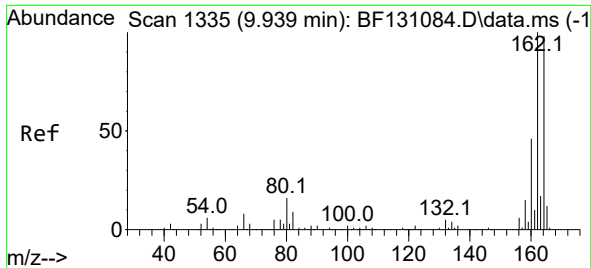
Tgt Ion: 82 Resp: 134906
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#32
Benzoic acid
Concen: 5.741 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.217 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 236.5 113.0 153.0#
77 860.0 78.7 118.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131168.D

Acq: 11 Nov 2022 23:12

Instrument :

BNA_F

ClientSampleId :

RM-5

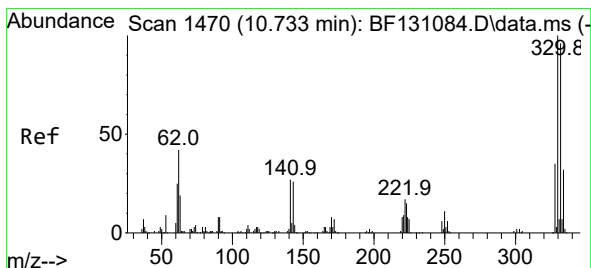
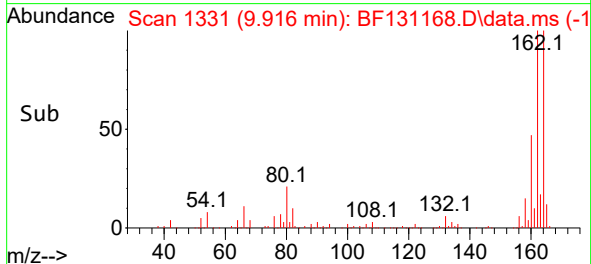
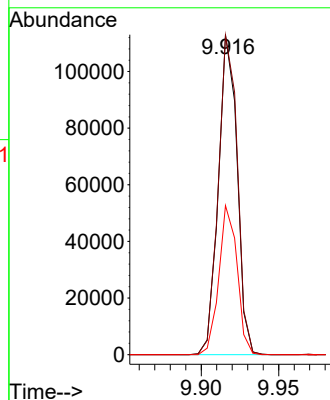
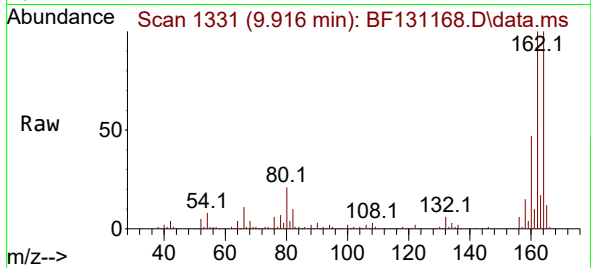
Tgt Ion:164 Resp: 94863

Ion Ratio Lower Upper

164 100

162 99.8 81.7 122.5

160 46.6 37.4 56.2



#42

2,4,6-Tribromophenol

Concen: 10.654 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BF131168.D

Acq: 11 Nov 2022 23:12

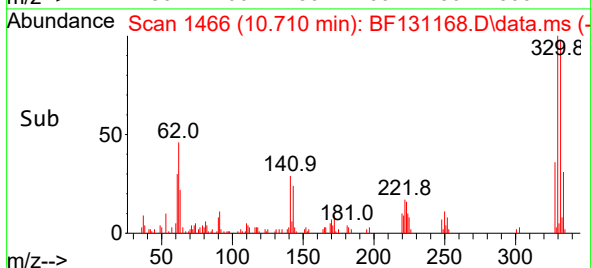
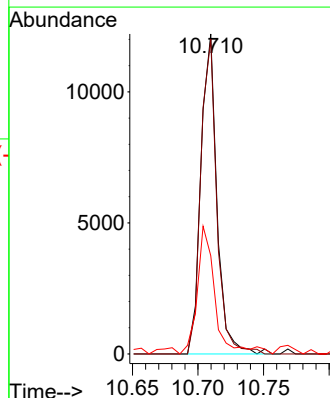
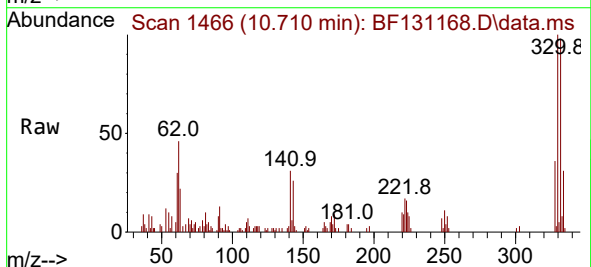
Tgt Ion:330 Resp: 10445

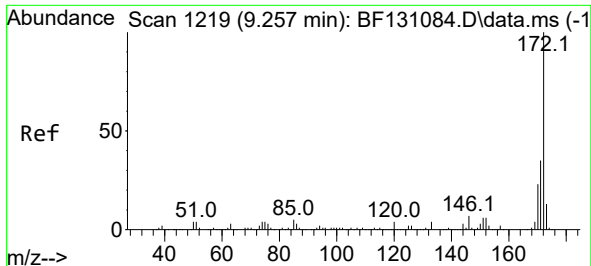
Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.4

141 43.8 28.5 42.7#





#45

2-Fluorobiphenyl

Concen: 38.872 ng

RT: 9.233 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131168.D

Acq: 11 Nov 2022 23:12

Instrument :

BNA_F

ClientSampleId :

RM-5

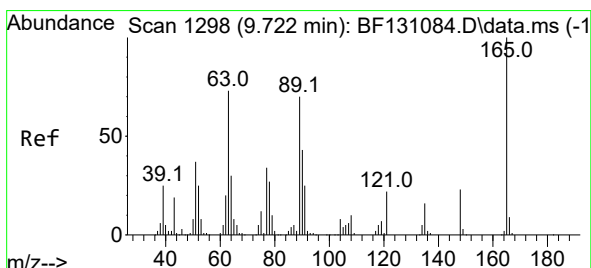
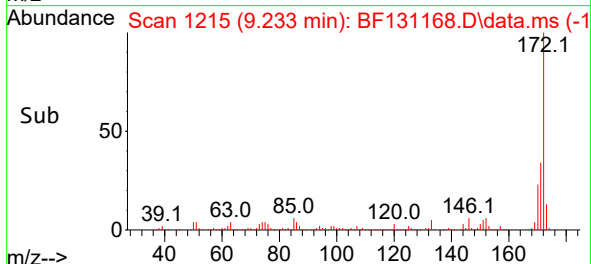
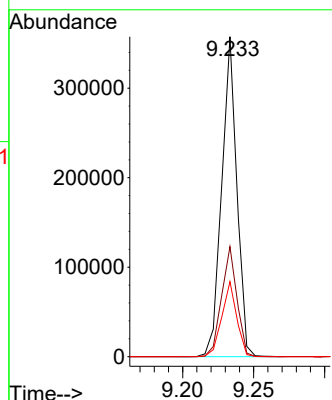
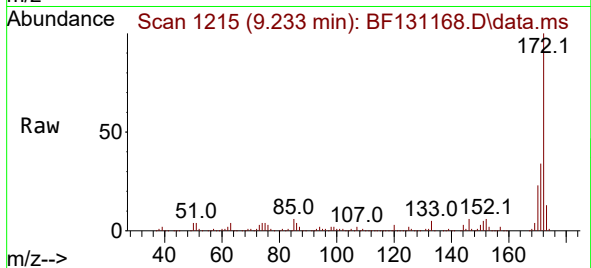
Tgt Ion:172 Resp: 264153

Ion Ratio Lower Upper

172 100

171 34.4 27.7 41.5

170 23.5 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 8.240 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.212 min

Lab File: BF131168.D

Acq: 11 Nov 2022 23:12

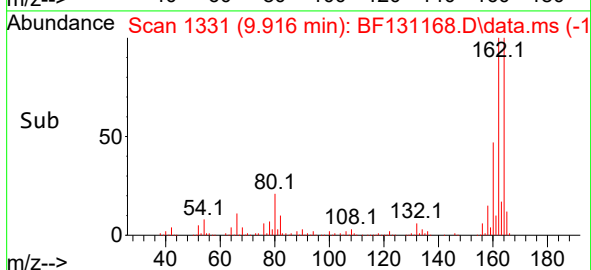
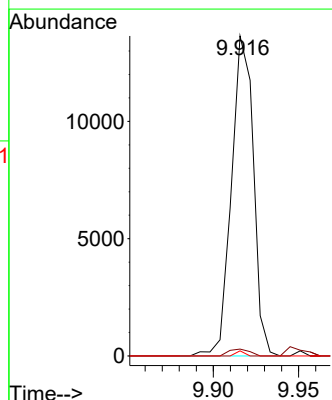
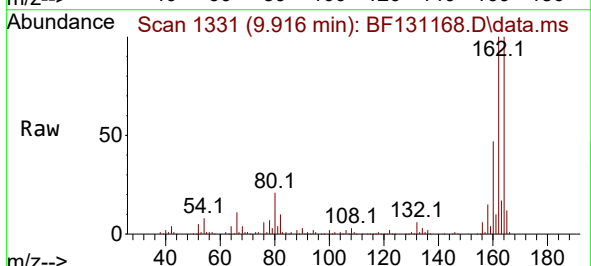
Tgt Ion:165 Resp: 12220

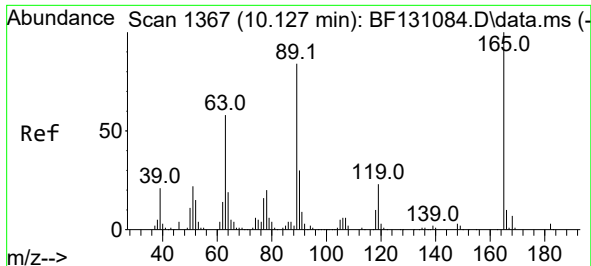
Ion Ratio Lower Upper

165 100

63 2.1 61.4 92.2#

89 1.6 56.0 84.0#

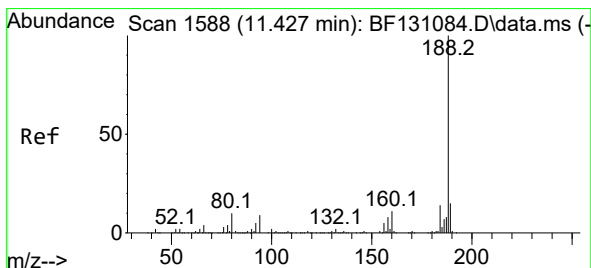
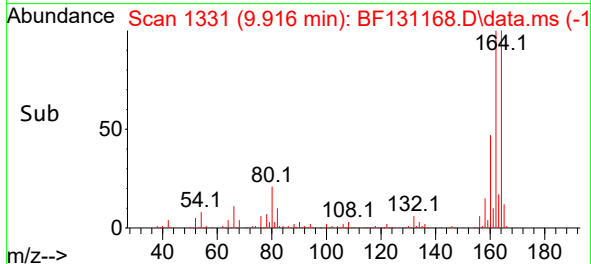
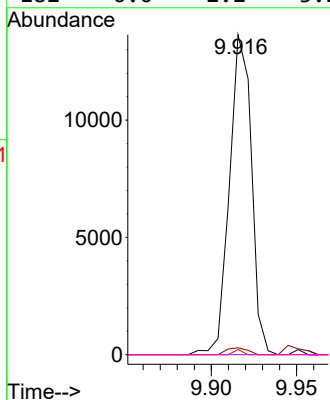
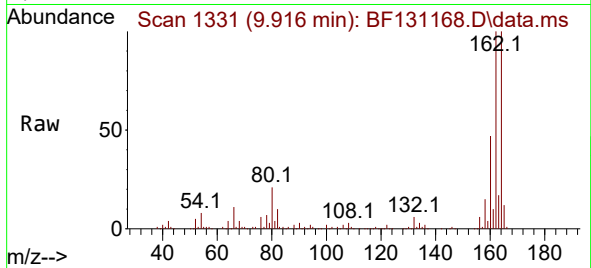




#57
2,4-Dinitrotoluene
Concen: 6.199 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

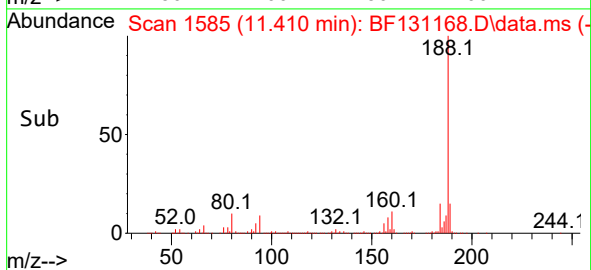
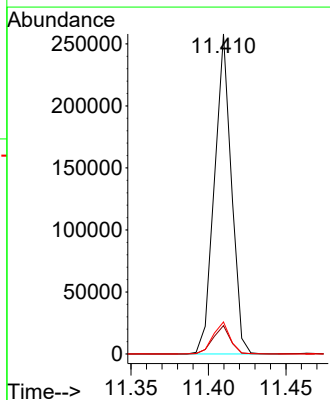
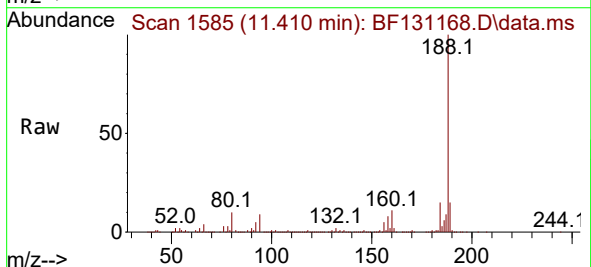
Instrument :
BNA_F
ClientSampleId :
RM-5

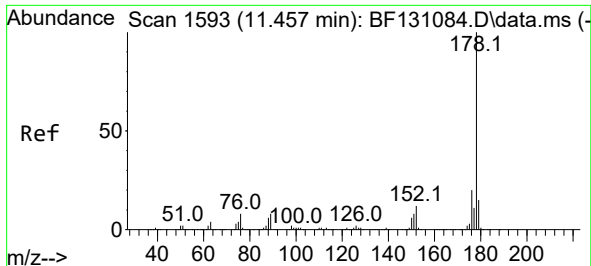
Tgt Ion:165 Resp: 12220
Ion Ratio Lower Upper
165 100
63 2.1 46.9 70.3#
89 1.6 66.9 100.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

Tgt Ion:188 Resp: 196685
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 10.0 7.9 11.9

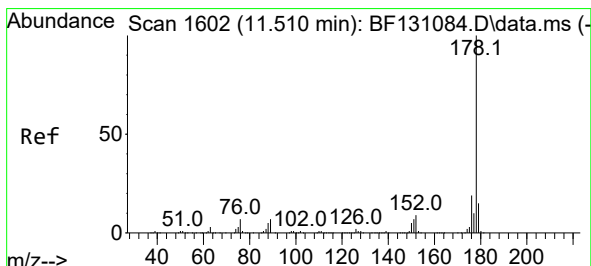
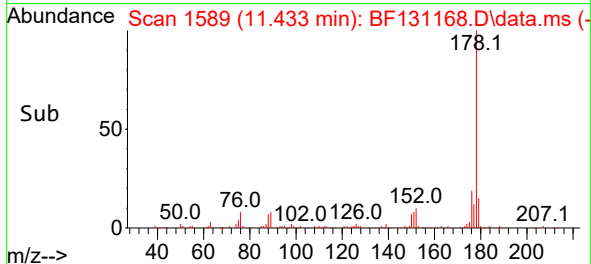
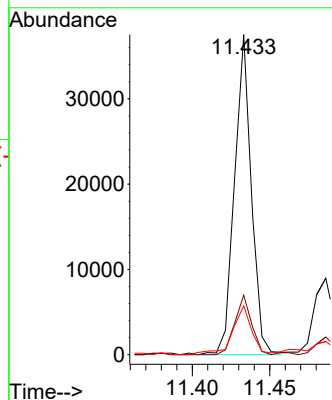
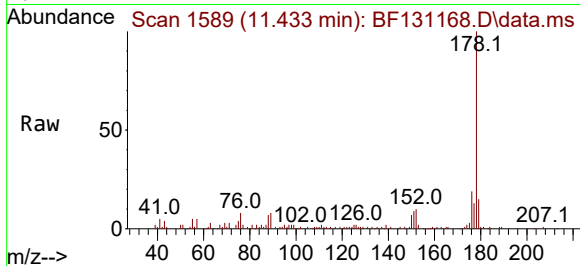




#71
Phenanthrene
Concen: 2.621 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

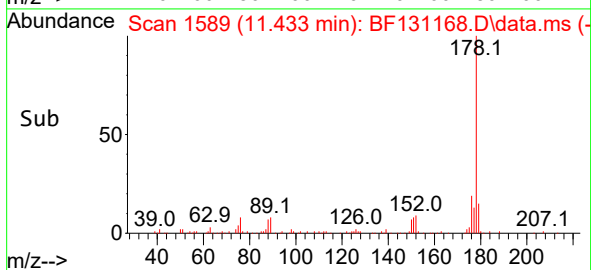
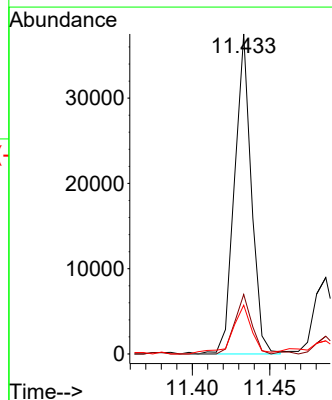
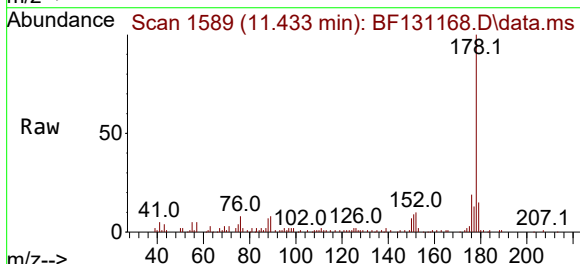
Instrument :
BNA_F
ClientSampleId :
RM-5

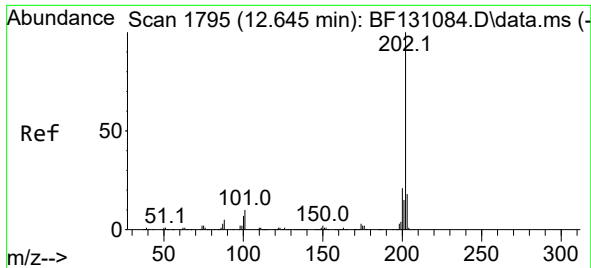
Tgt Ion:178 Resp: 28357
Ion Ratio Lower Upper
178 100
176 18.6 15.8 23.8
179 15.3 12.2 18.2



#72
Anthracene
Concen: 2.701 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.053 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

Tgt Ion:178 Resp: 28357
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.3 11.8 17.8

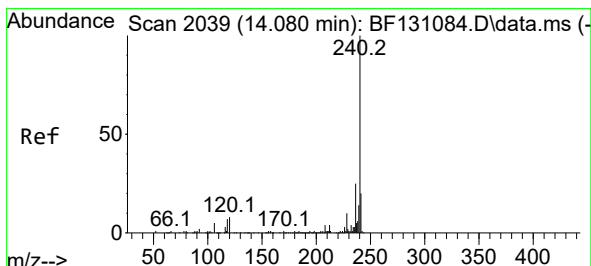
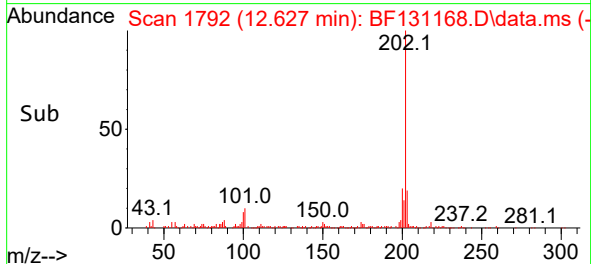
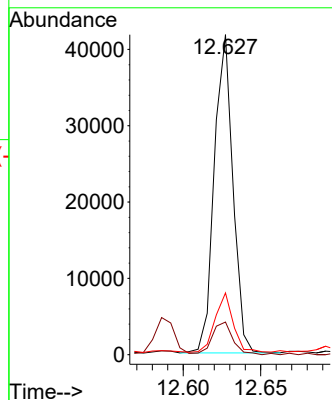
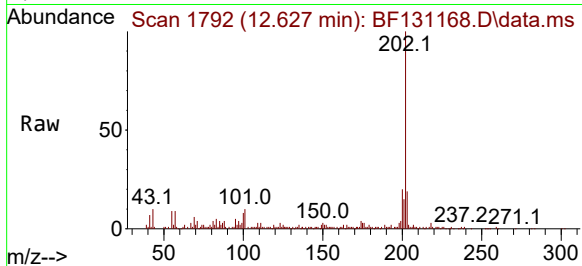




#75
Fluoranthene
Concen: 3.221 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

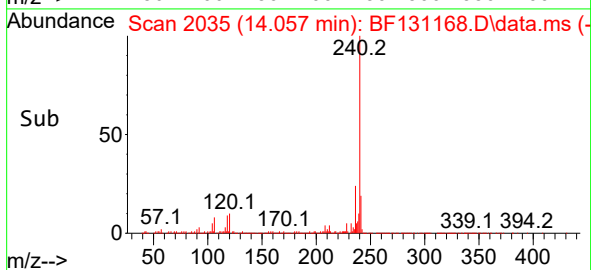
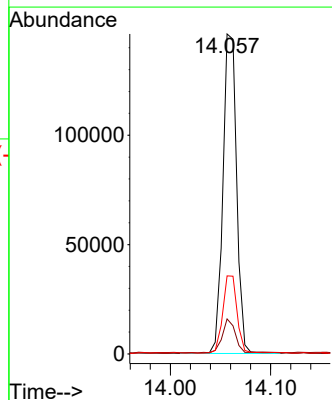
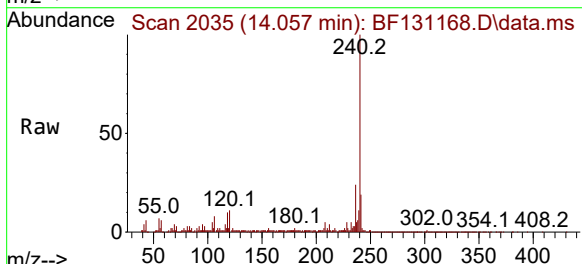
Instrument :
BNA_F
ClientSampleId :
RM-5

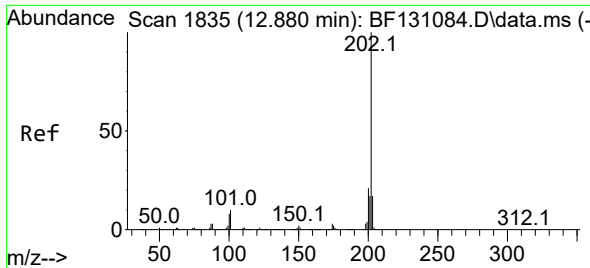
Tgt Ion:202 Resp: 34876
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.0
203 19.3 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

Tgt Ion:240 Resp: 138419
Ion Ratio Lower Upper
240 100
120 10.9 6.5 9.7#
236 24.4 19.7 29.5

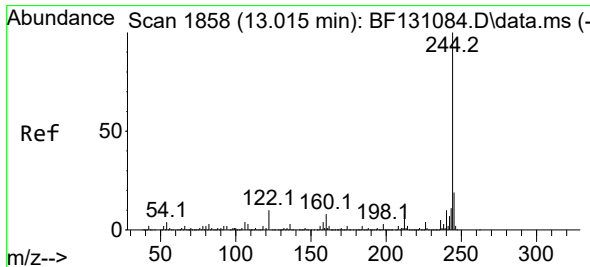
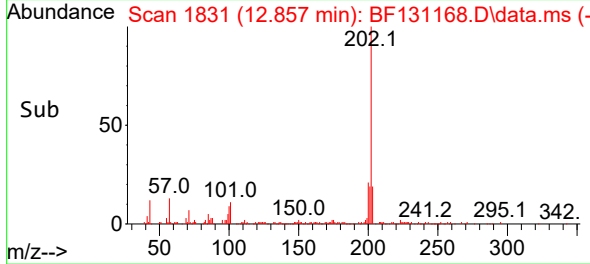
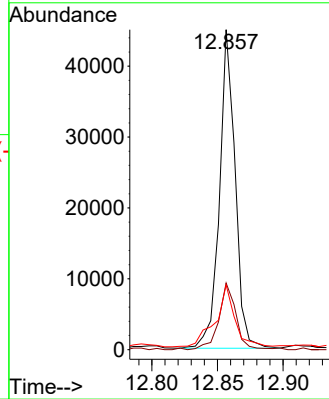
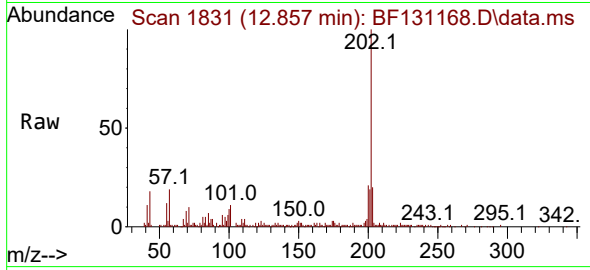




#78
 Pyrene
 Concen: 3.134 ng
 RT: 12.857 min Scan# 1831
 Delta R.T. -0.000 min
 Lab File: BF131168.D
 Acq: 11 Nov 2022 23:12

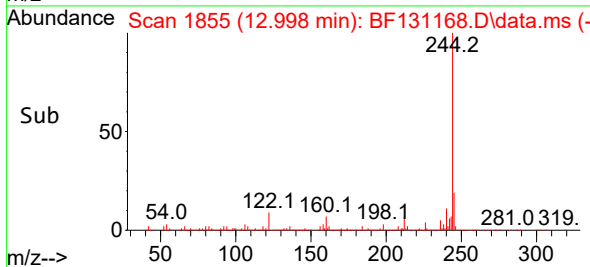
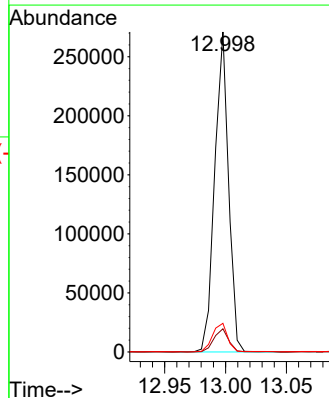
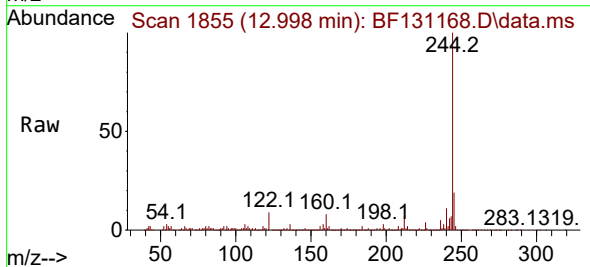
Instrument :
 BNA_F
 ClientSampleId :
 RM-5

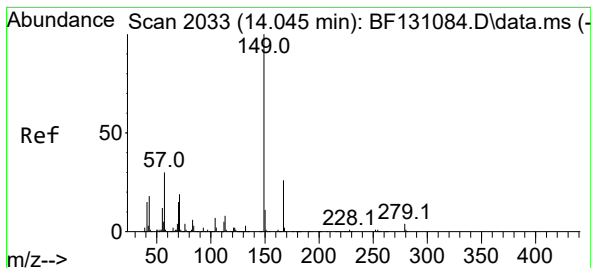
Tgt Ion:202 Resp: 37221
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.8 25.2
 203 20.2 13.6 20.4



#79
 Terphenyl-d14
 Concen: 27.022 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. -0.000 min
 Lab File: BF131168.D
 Acq: 11 Nov 2022 23:12

Tgt Ion:244 Resp: 213331
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 9.0 7.8 11.8

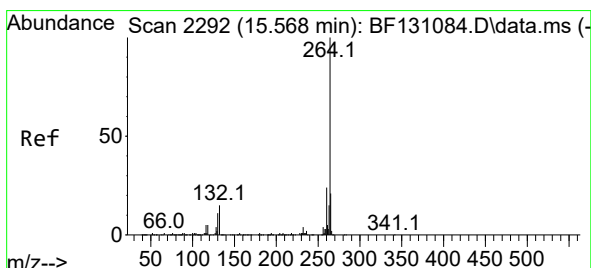
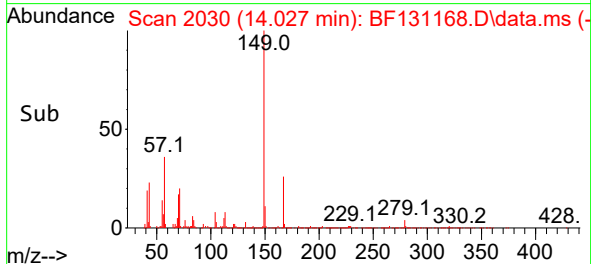
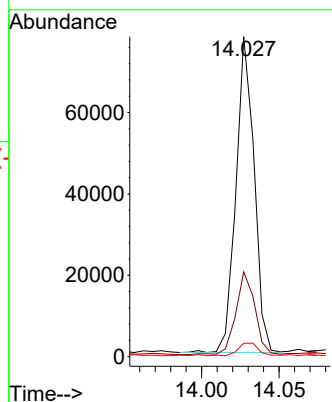
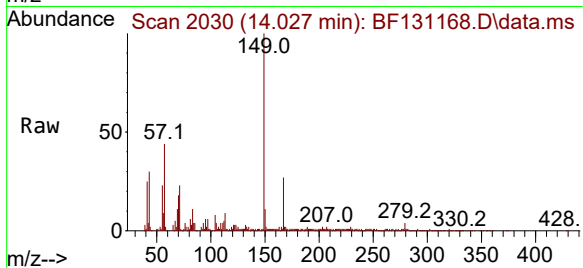




#84
Bis(2-ethylhexyl)phthalate
Concen: 13.796 ng
RT: 14.027 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

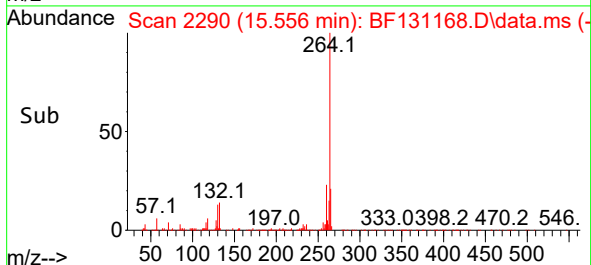
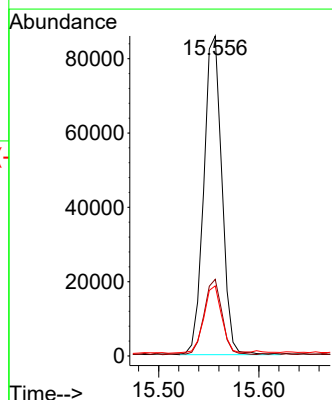
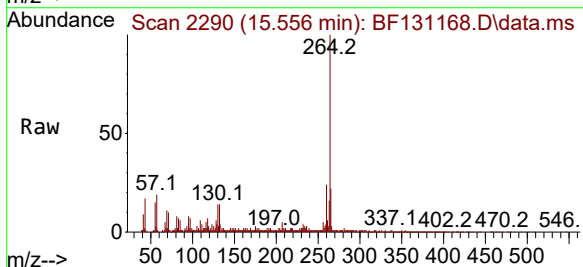
Instrument :
BNA_F
ClientSampleId :
RM-5

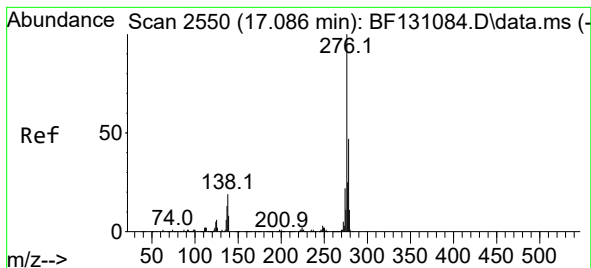
Tgt Ion:149 Resp: 63321
Ion Ratio Lower Upper
149 100
167 26.5 20.8 31.2
279 4.1 3.4 5.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 2290
Delta R.T. 0.012 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

Tgt Ion:264 Resp: 107602
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 21.9 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.728 ng

RT: 17.056 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF131168.D

Acq: 11 Nov 2022 23:12

Instrument :

BNA_F

ClientSampleId :

RM-5

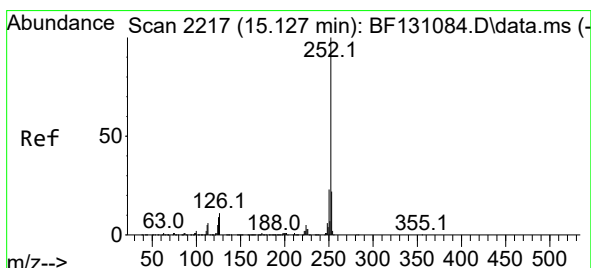
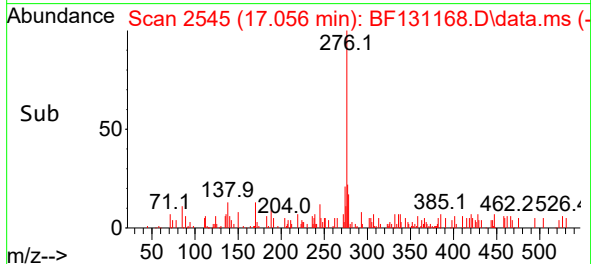
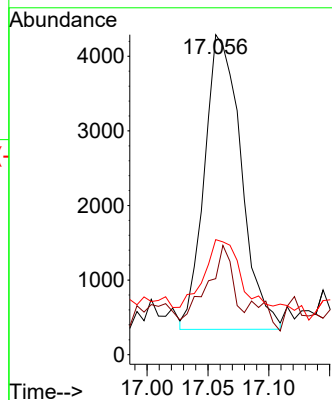
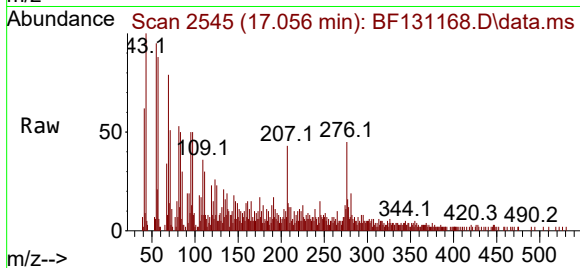
Tgt Ion:276 Resp: 8265

Ion Ratio Lower Upper

276 100

138 16.5 16.9 25.3#

277 34.9 20.3 30.5#



#88

Benzo(b)fluoranthene

Concen: 2.800 ng

RT: 15.115 min Scan# 2215

Delta R.T. 0.012 min

Lab File: BF131168.D

Acq: 11 Nov 2022 23:12

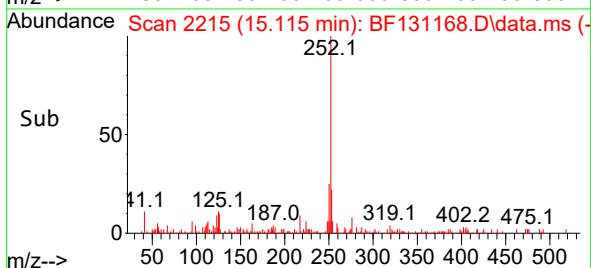
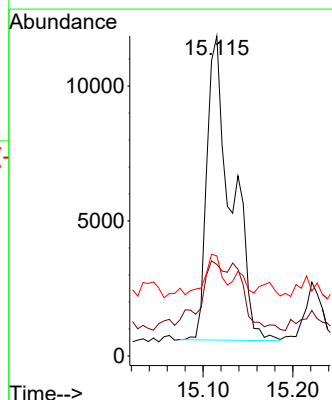
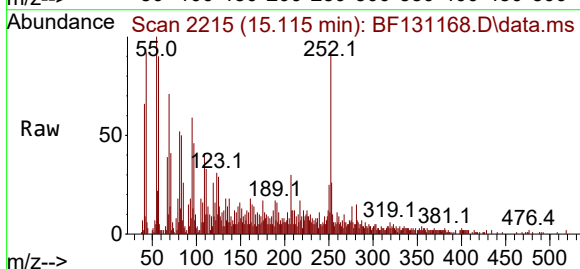
Tgt Ion:252 Resp: 21302

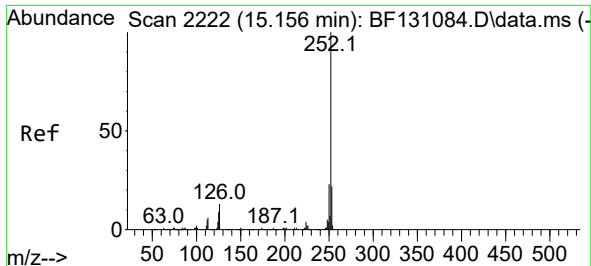
Ion Ratio Lower Upper

252 100

253 28.6 17.3 25.9#

125 31.3 7.2 10.8#

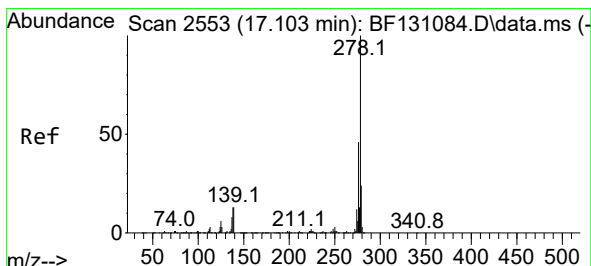
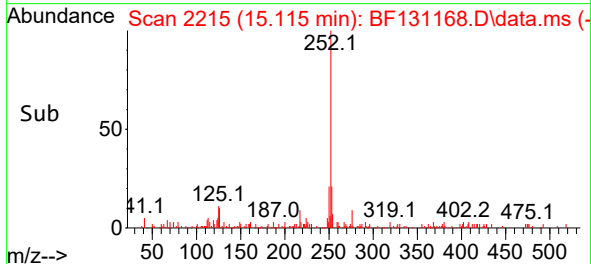
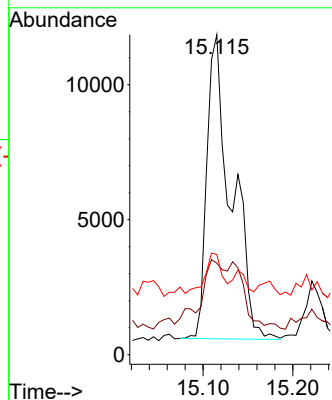
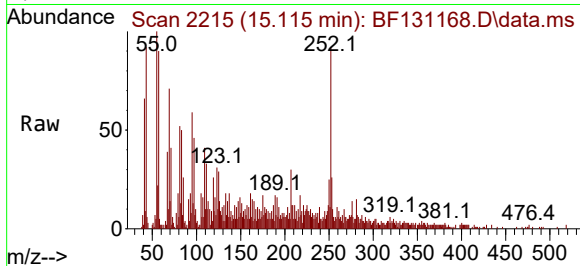




#89
Benzo(k)fluoranthene
Concen: 2.913 ng
RT: 15.115 min Scan# 21302
Delta R.T. -0.024 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

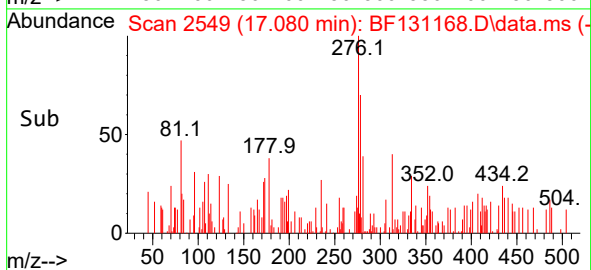
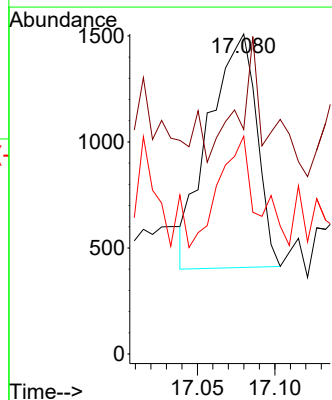
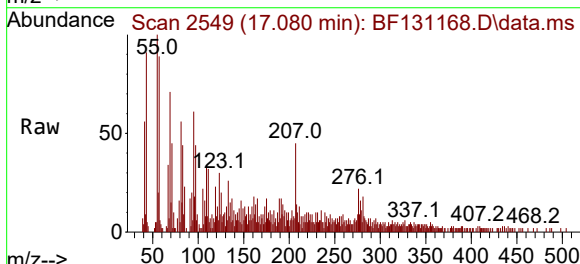
Instrument :
BNA_F
ClientSampleId :
RM-5

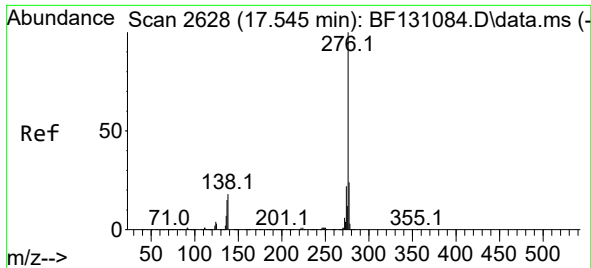
Tgt Ion:252 Resp: 21302
Ion Ratio Lower Upper
252 100
253 28.6 17.6 26.4#
125 31.3 7.5 11.3#



#91
Dibenzo(a,h)anthracene
Concen: 4.143 ng
RT: 17.080 min Scan# 2549
Delta R.T. 0.006 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

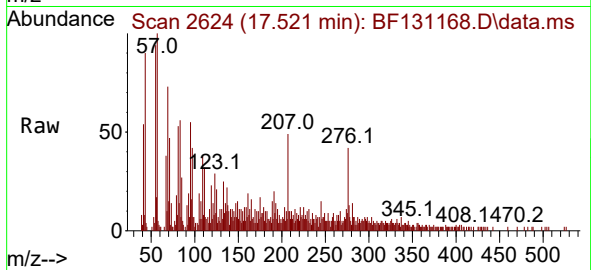
Tgt Ion:278 Resp: 2354
Ion Ratio Lower Upper
278 100
139 70.2 10.8 16.2#
279 68.1 19.2 28.8#





#92
 Benzo(g,h,i)perylene
 Concen: 5.268 ng
 RT: 17.521 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: BF131168.D
 Acq: 11 Nov 2022 23:12

Instrument :
 BNA_F
 ClientSampleId :
 RM-5



Tgt Ion: 276 Resp: 7507
 Ion Ratio Lower Upper
 276 100
 277 32.2 19.0 28.4#
 138 32.3 14.6 21.8#

