

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070524\
 Data File : BF138468.D
 Acq On : 05 Jul 2024 15:02
 Operator : CG\JU
 Sample : P3141-02RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-140-SB01RE

Quant Time: Jul 05 15:28:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

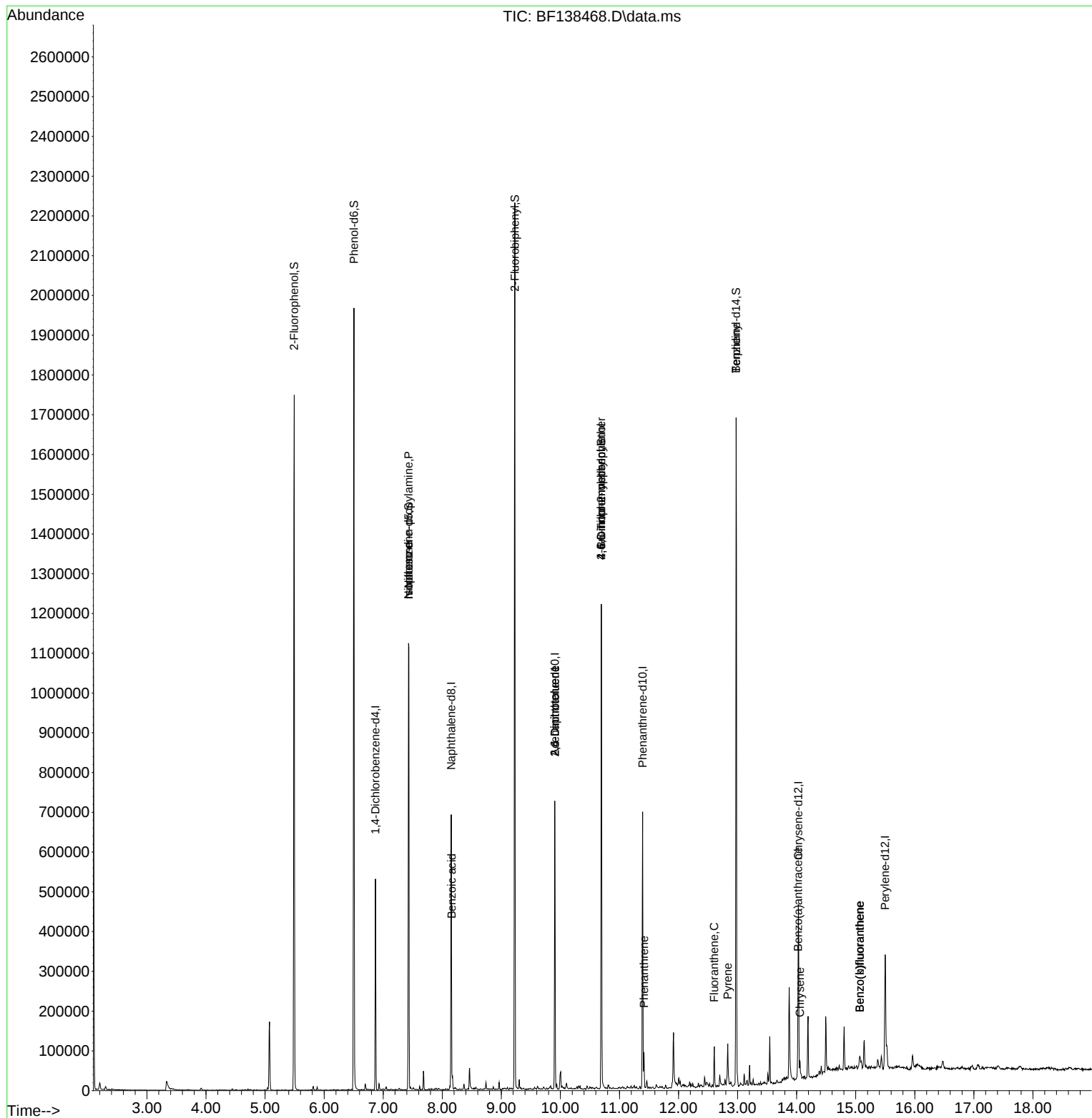
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	60243	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	238390	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	131244	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	224537	20.000	ng	0.00
76) Chrysene-d12	14.027	240	128825	20.000	ng	0.00
86) Perylene-d12	15.498	264	128402	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	394284	108.511	ng	0.00
7) Phenol-d6	6.504	99	517124	105.648	ng	-0.01
23) Nitrobenzene-d5	7.428	82	333079	72.581	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	116278	108.440	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	588269	71.333	ng	0.00
79) Terphenyl-d14	12.975	244	534897	56.901	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	43831	14.204	ng	# 79
25) Isophorone	7.428	82	333074	39.362	ng	# 67
32) Benzoic acid	8.157	122	57	4.121	ng	# 26
51) 2,6-Dinitrotoluene	9.904	165	17318	9.167	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	17318	7.445	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.692	198	187	5.937	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	7935	3.288	ng	# 1
71) Phenanthrene	11.416	178	27330	2.493	ng	98
75) Fluoranthene	12.604	202	35253	3.587	ng	97
77) Benzidine	12.975	184	7440	7.222	ng	# 95
78) Pyrene	12.833	202	40900	2.970	ng	99
81) Benzo(a)anthracene	14.022	228	16927	2.041	ng	95
83) Chrysene	14.057	228	16651	2.064	ng	97
88) Benzo(b)fluoranthene	15.069	252	22628	3.212	ng	# 91
89) Benzo(k)fluoranthene	15.069	252	22628	3.487	ng	# 90

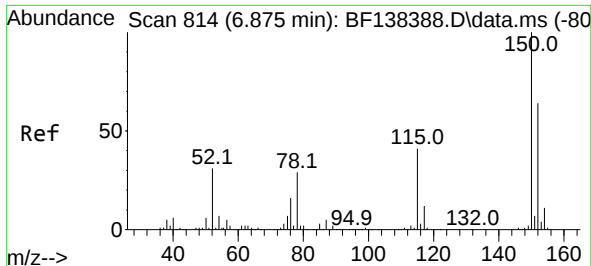
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070524\
Data File : BF138468.D
Acq On : 05 Jul 2024 15:02
Operator : CG\JU
Sample : P3141-02RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-140-SB01RE

Quant Time: Jul 05 15:28:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 02:44:30 2024
Response via : Initial Calibration

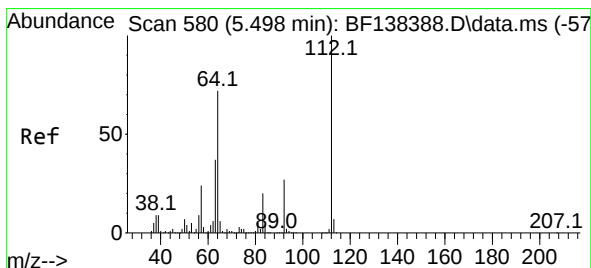
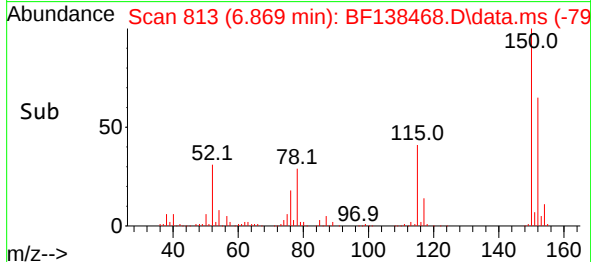
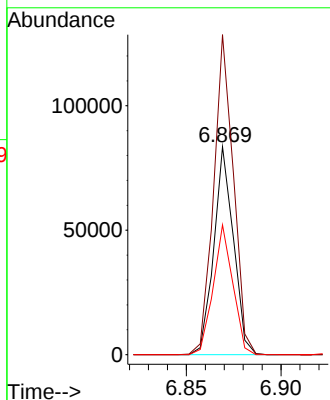
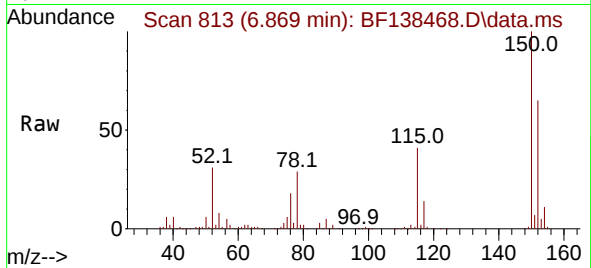




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF138468.D
Acq: 05 Jul 2024 15:02

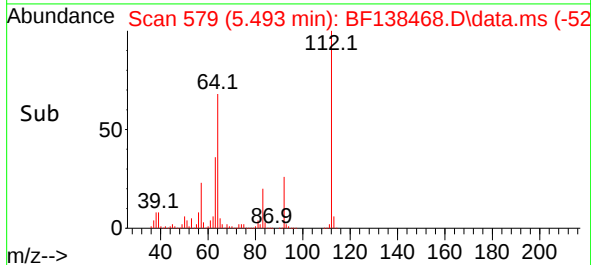
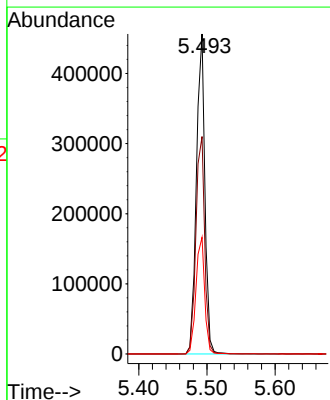
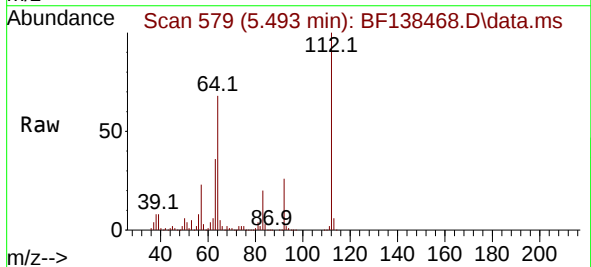
Instrument :
BNA_F
ClientSampleId :
B-140-SB01RE

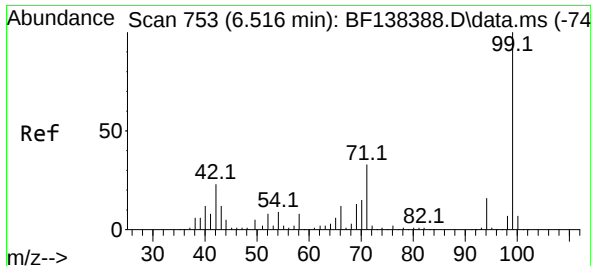
Tgt Ion:152 Resp: 60243
Ion Ratio Lower Upper
152 100
150 153.9 124.9 187.3
115 62.4 50.8 76.2



#5
2-Fluorophenol
Concen: 108.511 ng
RT: 5.493 min Scan# 579
Delta R.T. -0.006 min
Lab File: BF138468.D
Acq: 05 Jul 2024 15:02

Tgt Ion:112 Resp: 394284
Ion Ratio Lower Upper
112 100
64 67.9 57.2 85.8
63 36.4 29.4 44.0

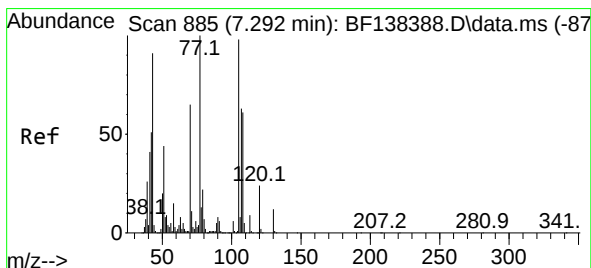
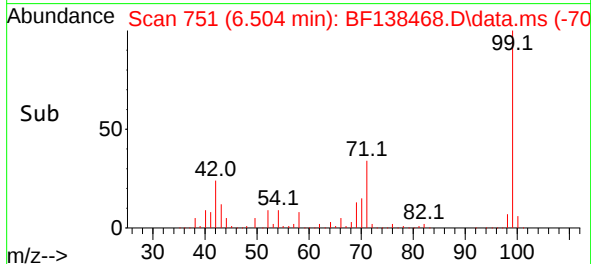
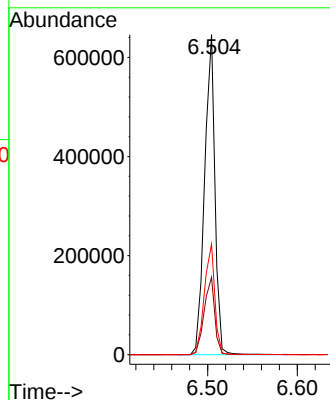
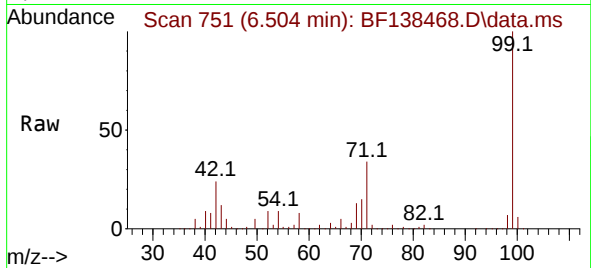




#7
Phenol-d6
Concen: 105.648 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138468.D
Acq: 05 Jul 2024 15:02

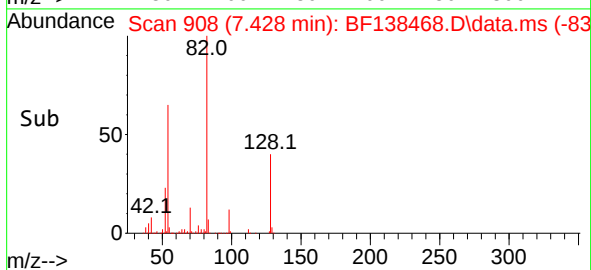
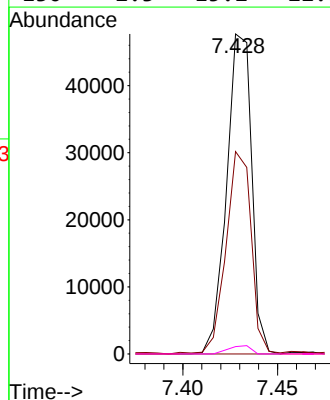
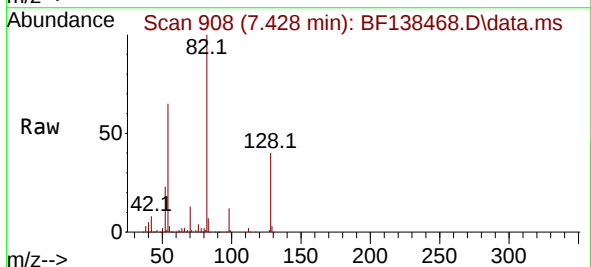
Instrument :
BNA_F
ClientSampleId :
B-140-SB01RE

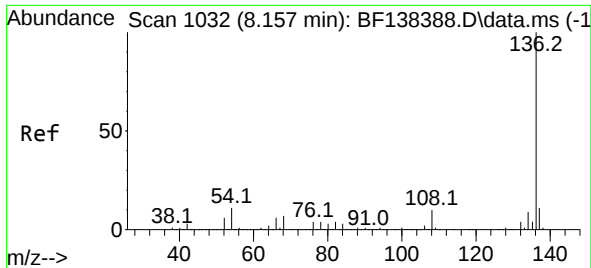
Tgt Ion: 99 Resp: 517124
Ion Ratio Lower Upper
99 100
42 24.2 18.5 27.7
71 34.5 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 14.204 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF138468.D
Acq: 05 Jul 2024 15:02

Tgt Ion: 70 Resp: 43831
Ion Ratio Lower Upper
70 100
42 63.3 62.5 93.7
101 0.0 7.0 10.4#
130 2.3 15.2 22.8#

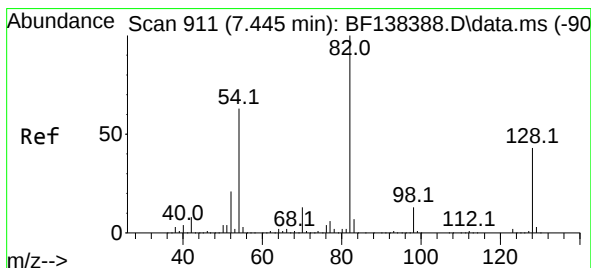
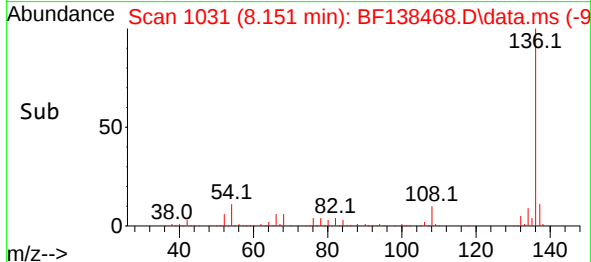
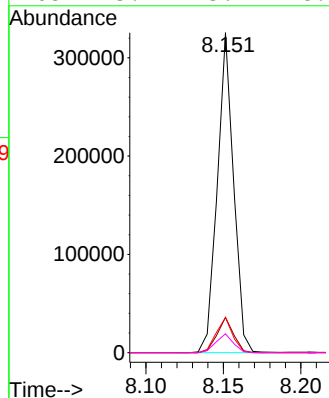
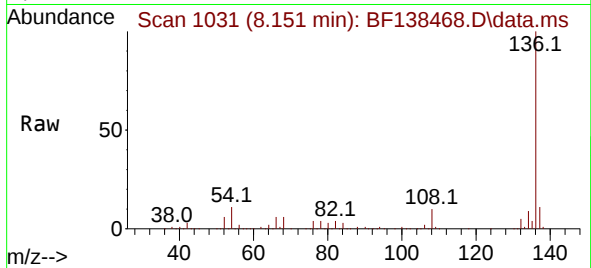




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF138468.D
Acq: 05 Jul 2024 15:02

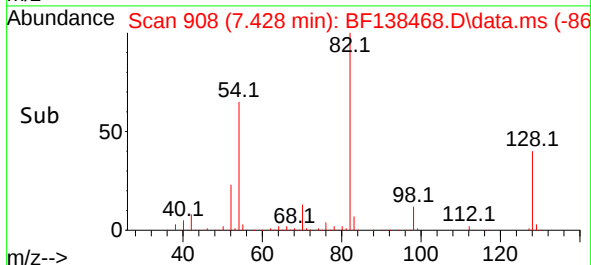
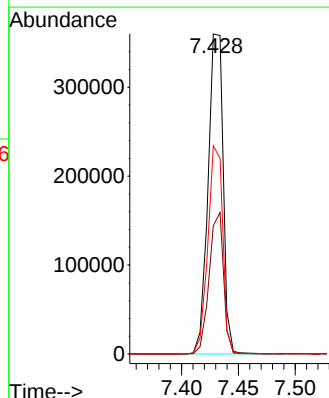
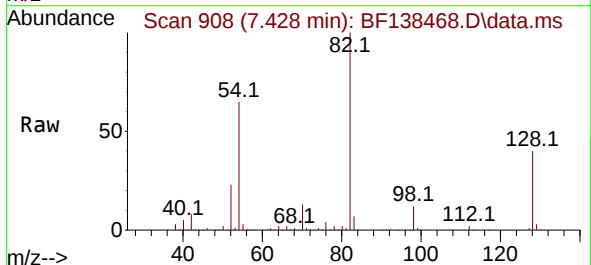
Instrument :
BNA_F
ClientSampleId :
B-140-SB01RE

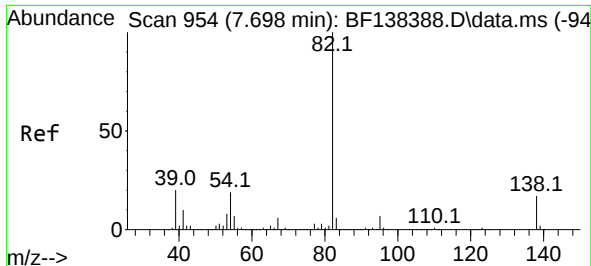
Tgt Ion:136	Resp: 238390
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 11.0	9.0 13.4
68 5.9	5.4 8.0



#23
Nitrobenzene-d5
Concen: 72.581 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.017 min
Lab File: BF138468.D
Acq: 05 Jul 2024 15:02

Tgt Ion: 82	Resp: 333079
Ion Ratio	Lower Upper
82 100	
128 40.1	34.6 52.0
54 65.0	50.5 75.7

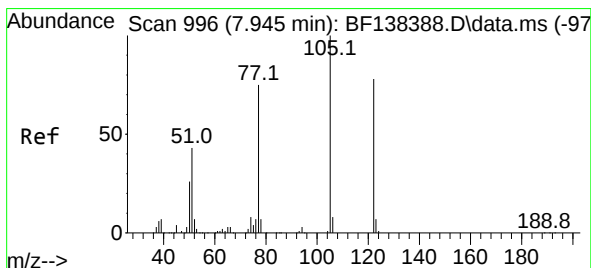
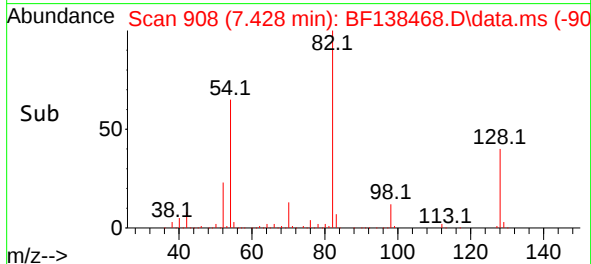
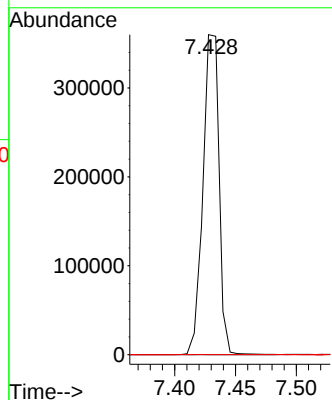
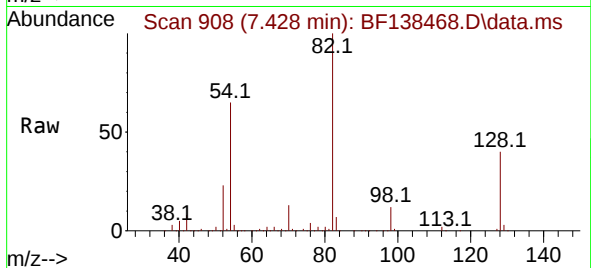




#25
Isophorone
Concen: 39.362 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF138468.D
Acq: 05 Jul 2024 15:02

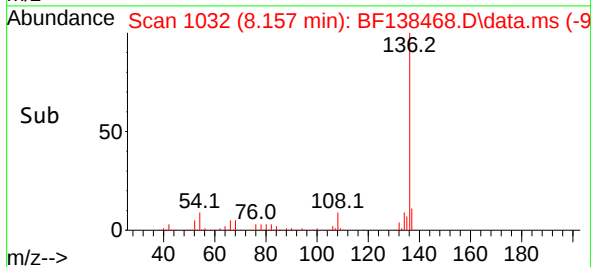
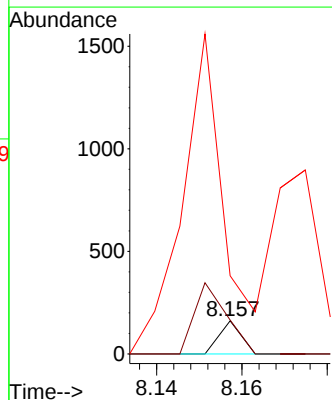
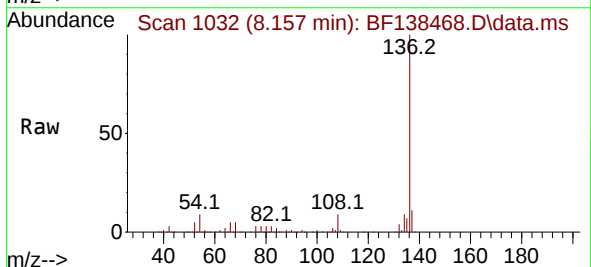
Instrument :
BNA_F
ClientSampleId :
B-140-SB01RE

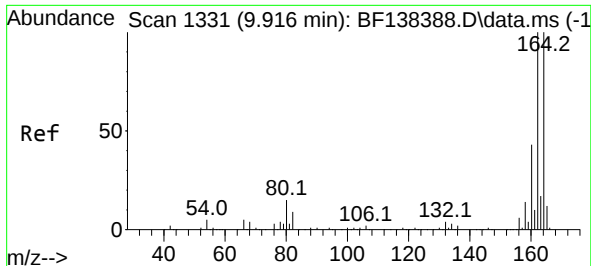
Tgt Ion: 82 Resp: 333074
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.2#



#32
Benzoic acid
Concen: 4.121 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.212 min
Lab File: BF138468.D
Acq: 05 Jul 2024 15:02

Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 102.5 103.8 143.8#
77 236.6 74.3 114.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138468.D

Acq: 05 Jul 2024 15:02

Instrument :

BNA_F

ClientSampleId :

B-140-SB01RE

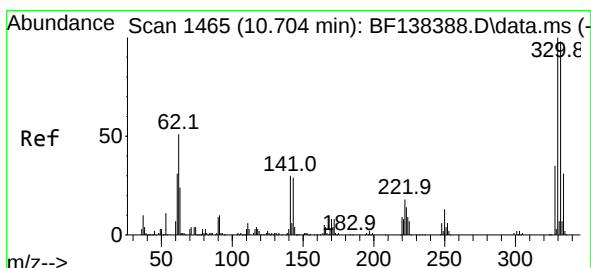
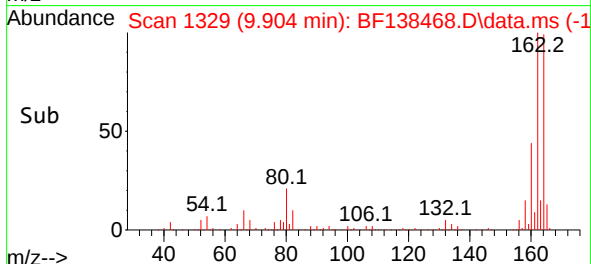
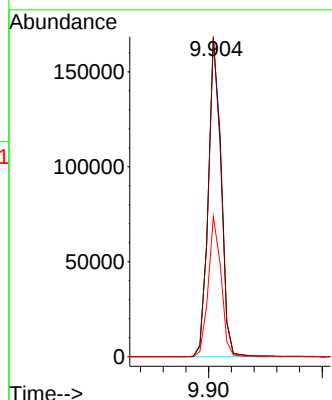
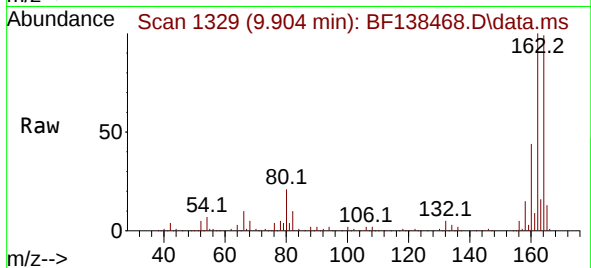
Tgt Ion:164 Resp: 131244

Ion Ratio Lower Upper

164 100

162 100.6 80.1 120.1

160 44.1 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 108.440 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.012 min

Lab File: BF138468.D

Acq: 05 Jul 2024 15:02

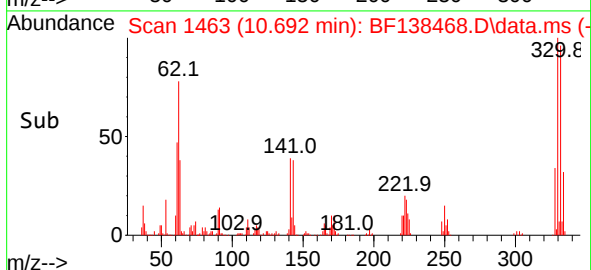
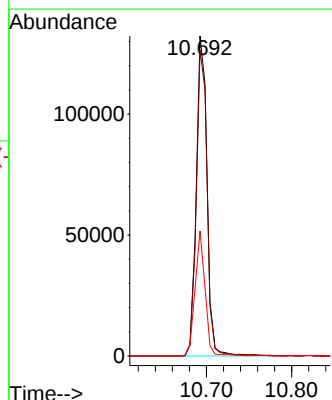
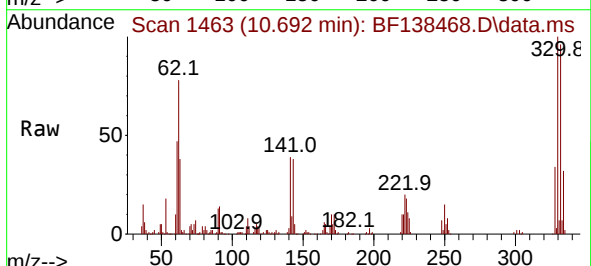
Tgt Ion:330 Resp: 116278

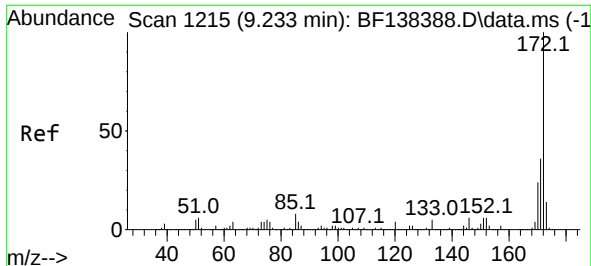
Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

141 36.3 28.1 42.1





#45

2-Fluorobiphenyl

Concen: 71.333 ng

RT: 9.228 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF138468.D

Acq: 05 Jul 2024 15:02

Instrument :

BNA_F

ClientSampleId :

B-140-SB01RE

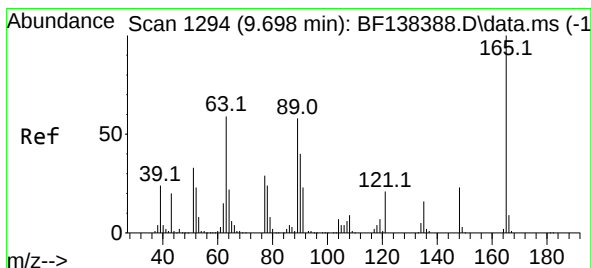
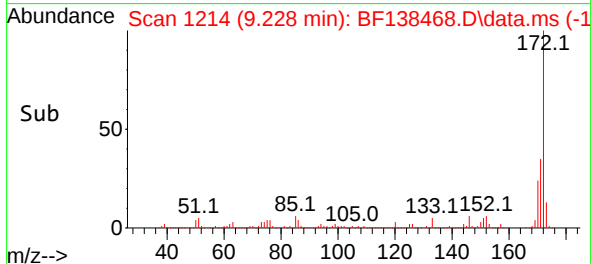
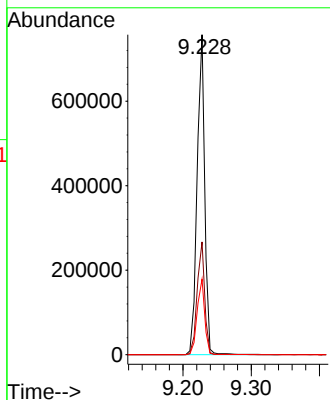
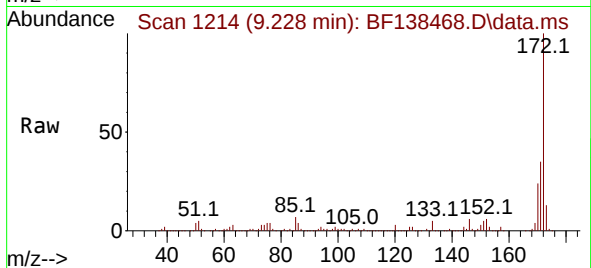
Tgt Ion:172 Resp: 588269

Ion Ratio Lower Upper

172 100

171 35.2 29.0 43.4

170 23.6 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.167 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.206 min

Lab File: BF138468.D

Acq: 05 Jul 2024 15:02

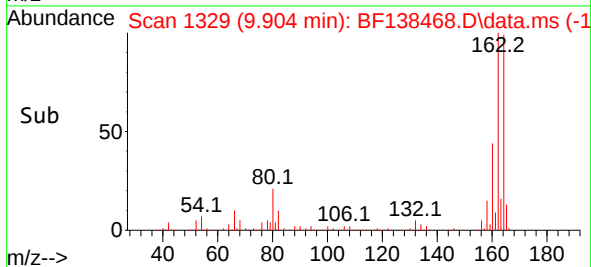
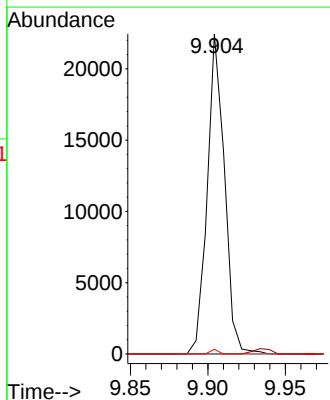
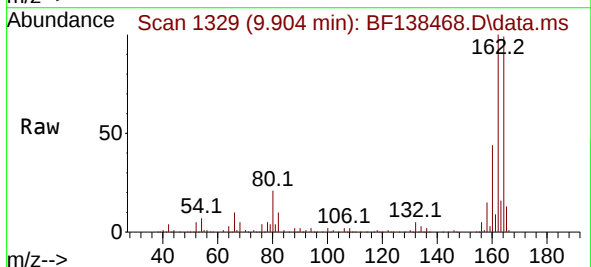
Tgt Ion:165 Resp: 17318

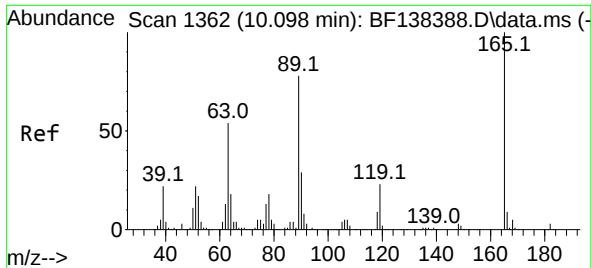
Ion Ratio Lower Upper

165 100

63 0.0 53.8 80.8#

89 1.4 46.4 69.6#

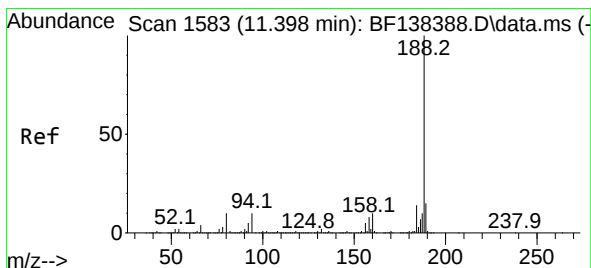
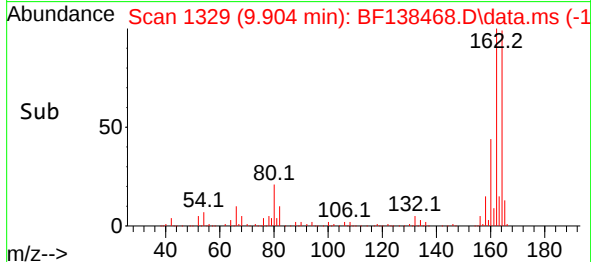
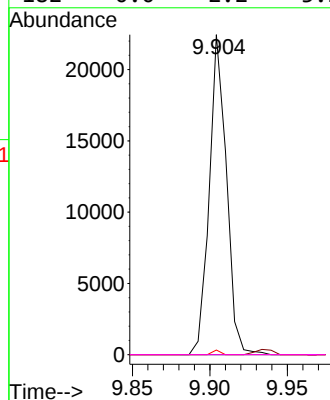
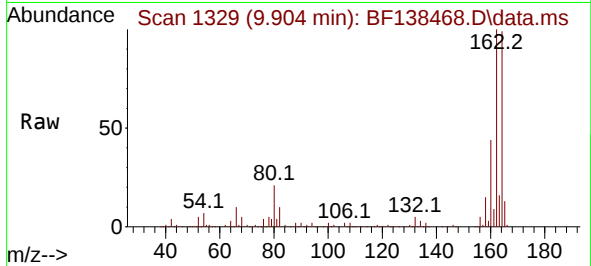




#57
2,4-Dinitrotoluene
Concen: 7.445 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF138468.D
Acq: 05 Jul 2024 15:02

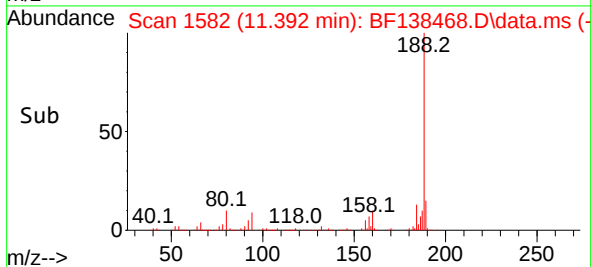
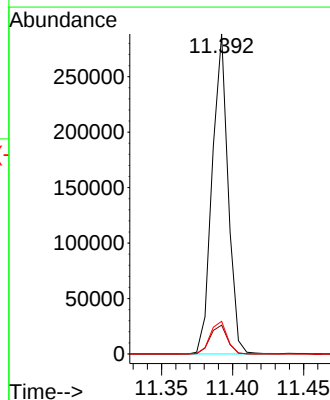
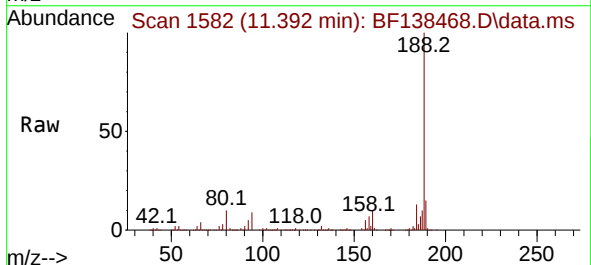
Instrument :
BNA_F
ClientSampleId :
B-140-SB01RE

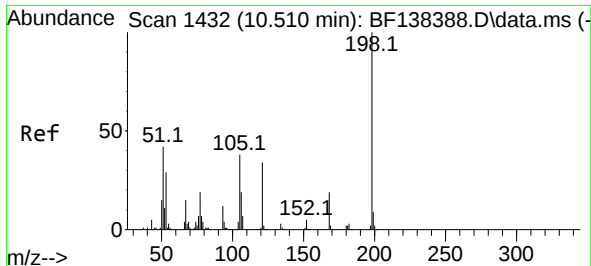
Tgt Ion:165 Resp: 17318
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 1.4 62.6 93.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF138468.D
Acq: 05 Jul 2024 15:02

Tgt Ion:188 Resp: 224537
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 10.2 8.2 12.4

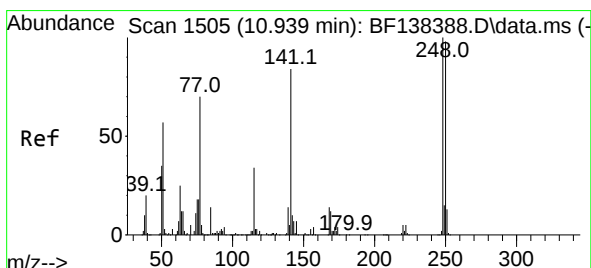
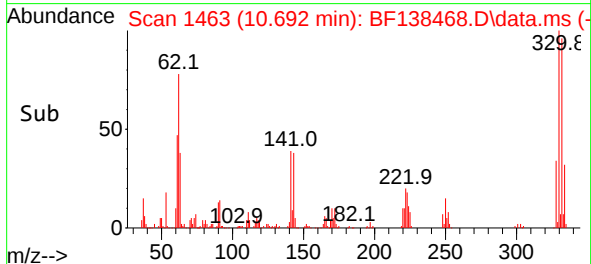
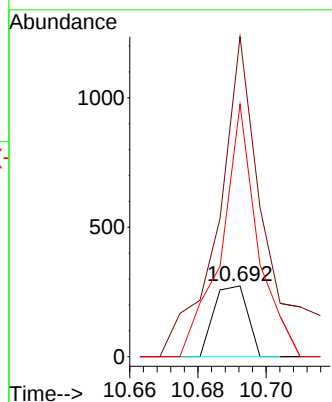
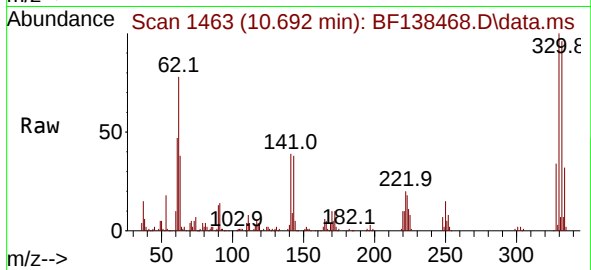




#65
4,6-Dinitro-2-methylphenol
Concen: 5.937 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.182 min
Lab File: BF138468.D
Acq: 05 Jul 2024 15:02

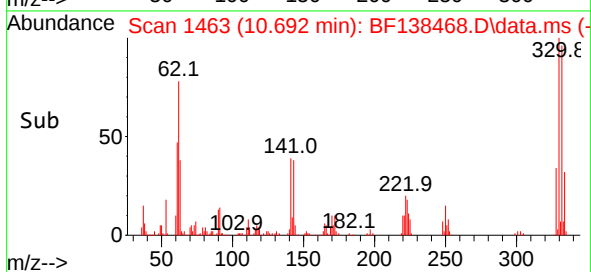
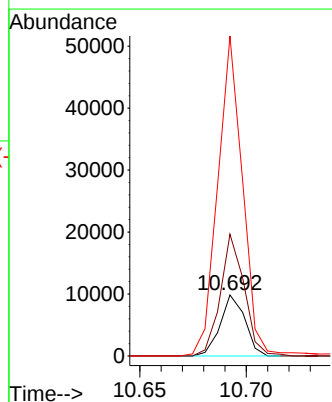
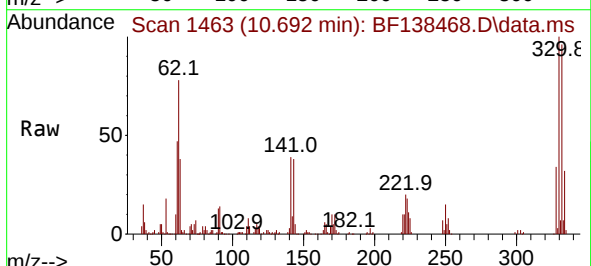
Instrument :
BNA_F
ClientSampleId :
B-140-SB01RE

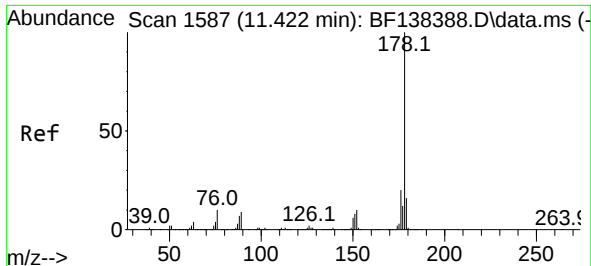
Tgt Ion:198 Resp: 187
Ion Ratio Lower Upper
198 100
51 452.7 27.9 67.9#
105 357.1 18.2 58.2#



#67
4-Bromophenyl-phenylether
Concen: 3.288 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF138468.D
Acq: 05 Jul 2024 15:02

Tgt Ion:248 Resp: 7935
Ion Ratio Lower Upper
248 100
250 199.6 78.2 117.4#
141 524.2 67.6 101.4#

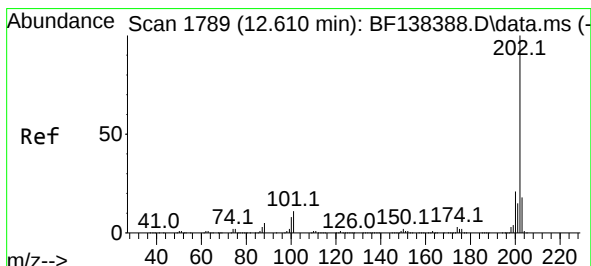
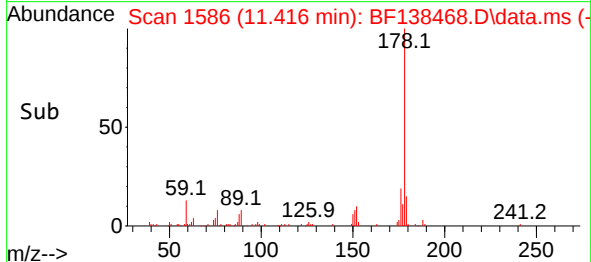
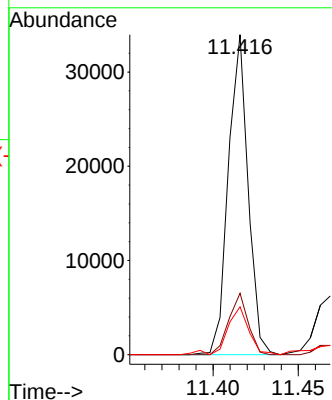
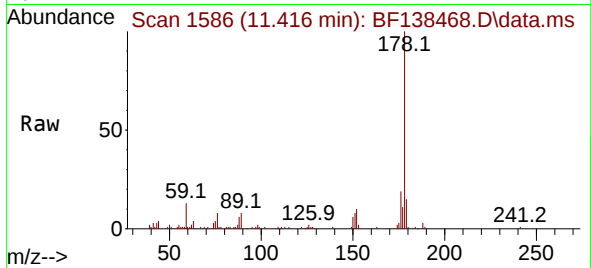




#71
Phenanthrene
Concen: 2.493 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138468.D
Acq: 05 Jul 2024 15:02

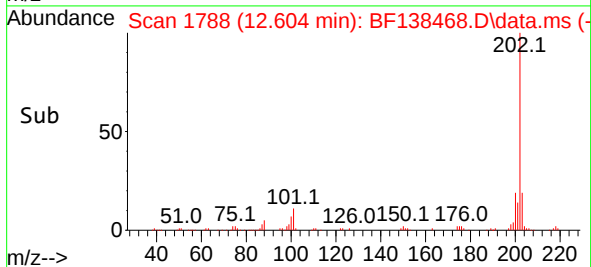
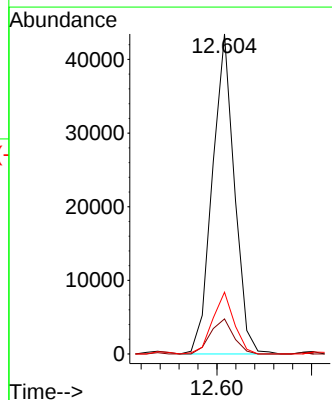
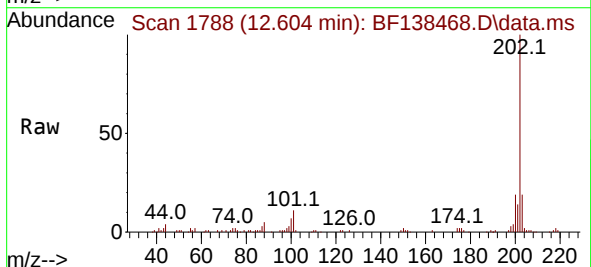
Instrument :
BNA_F
ClientSampleId :
B-140-SB01RE

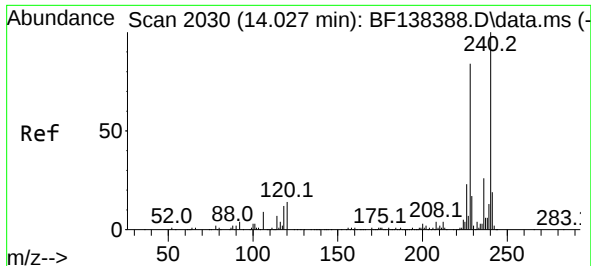
Tgt Ion:178 Resp: 27330
Ion Ratio Lower Upper
178 100
176 19.2 16.1 24.1
179 14.9 12.6 18.8



#75
Fluoranthene
Concen: 3.587 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF138468.D
Acq: 05 Jul 2024 15:02

Tgt Ion:202 Resp: 35253
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.5
203 19.3 0.0 37.6

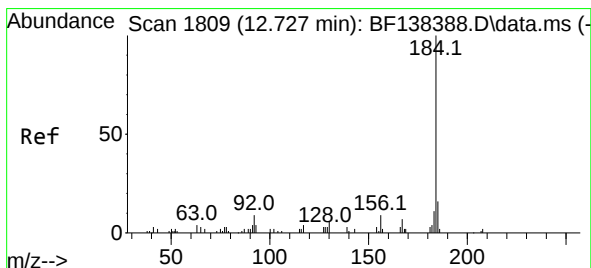
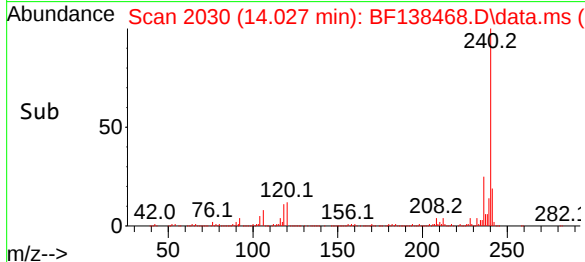
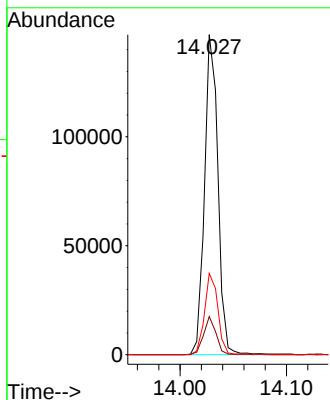
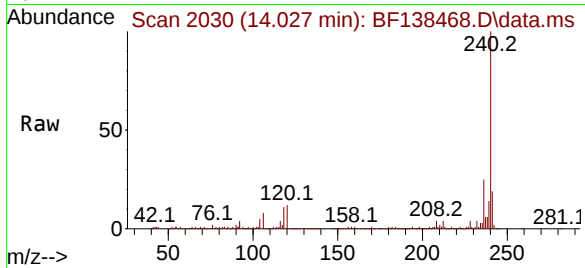




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138468.D
Acq: 05 Jul 2024 15:02

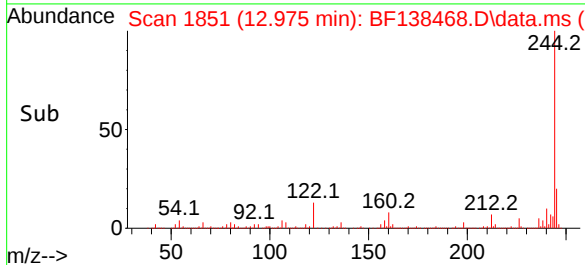
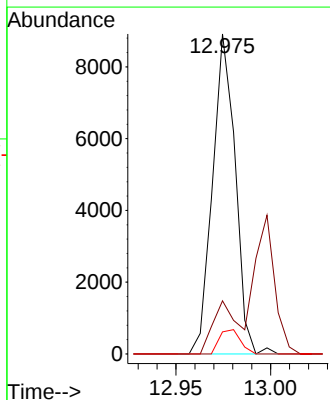
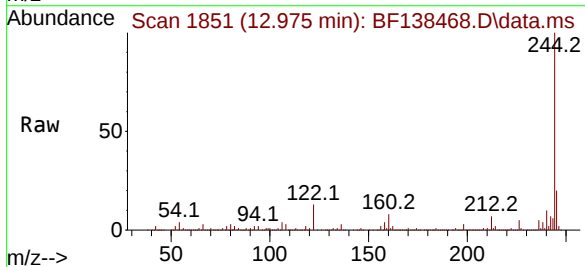
Instrument :
BNA_F
ClientSampleId :
B-140-SB01RE

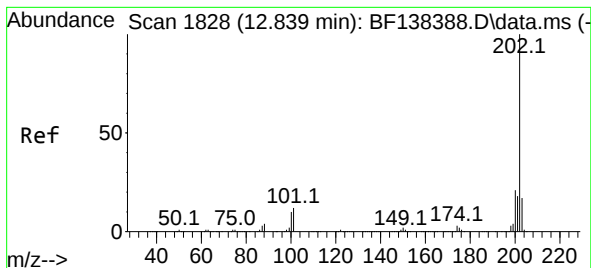
Tgt Ion:240 Resp: 128825
Ion Ratio Lower Upper
240 100
120 11.9 10.9 16.3
236 25.4 20.6 30.8



#77
Benzidine
Concen: 7.222 ng
RT: 12.975 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF138468.D
Acq: 05 Jul 2024 15:02

Tgt Ion:184 Resp: 7440
Ion Ratio Lower Upper
184 100
185 16.6 13.0 19.4
183 6.9 9.0 13.6#





#78

Pyrene

Concen: 2.970 ng

RT: 12.833 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF138468.D

Acq: 05 Jul 2024 15:02

Instrument :

BNA_F

ClientSampleId :

B-140-SB01RE

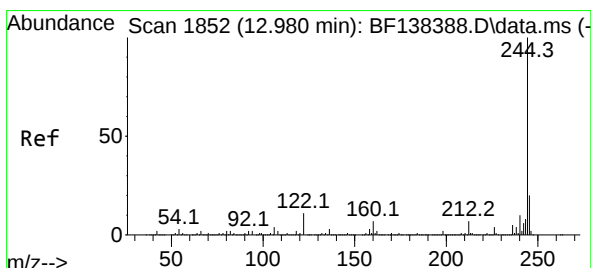
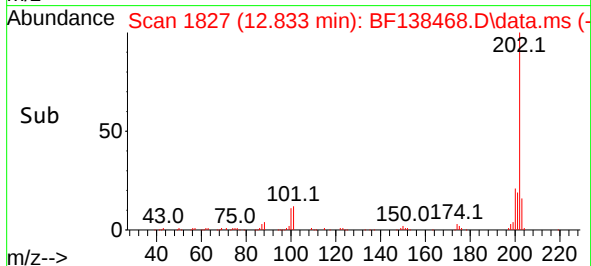
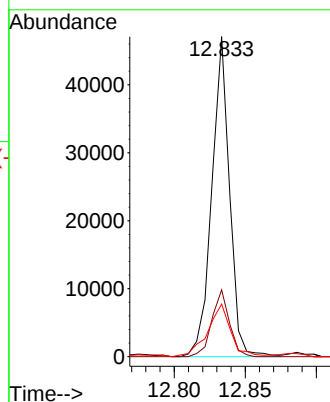
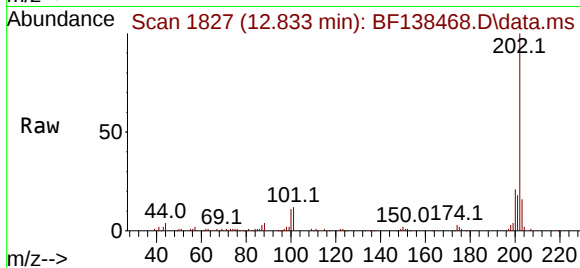
Tgt Ion:202 Resp: 40900

Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

203 16.4 13.8 20.8



#79

Terphenyl-d14

Concen: 56.901 ng

RT: 12.975 min Scan# 1851

Delta R.T. -0.005 min

Lab File: BF138468.D

Acq: 05 Jul 2024 15:02

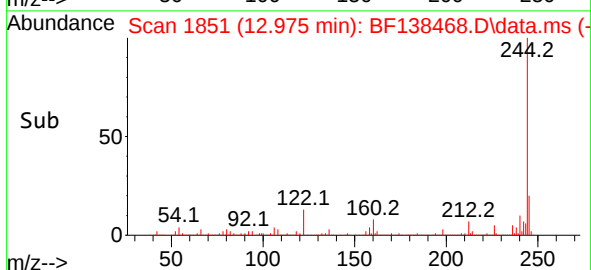
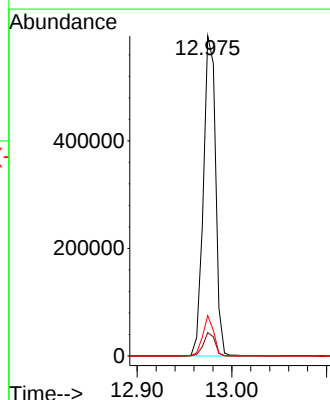
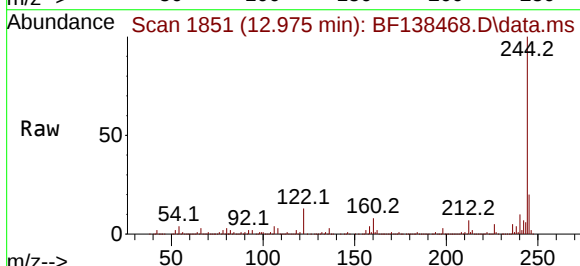
Tgt Ion:244 Resp: 534897

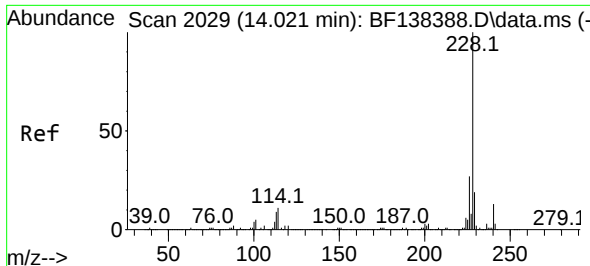
Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 12.6 9.0 13.4

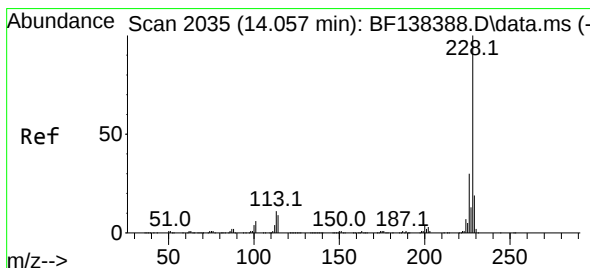
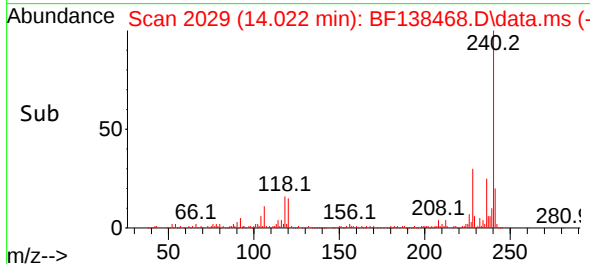
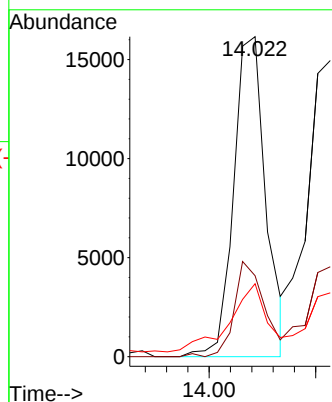
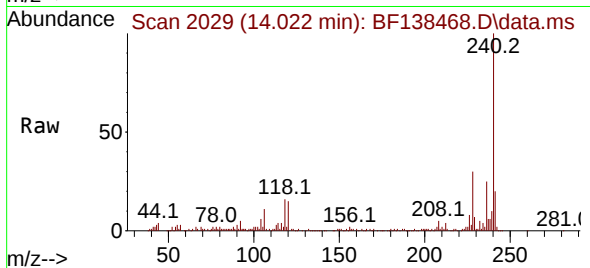




#81
Benzo(a)anthracene
Concen: 2.041 ng
RT: 14.022 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF138468.D
Acq: 05 Jul 2024 15:02

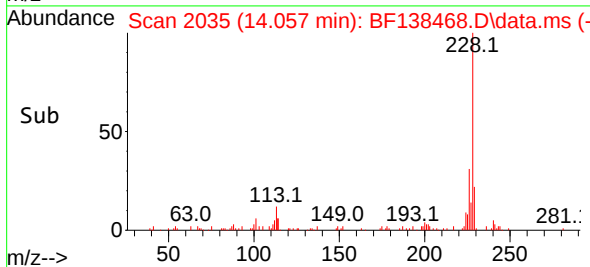
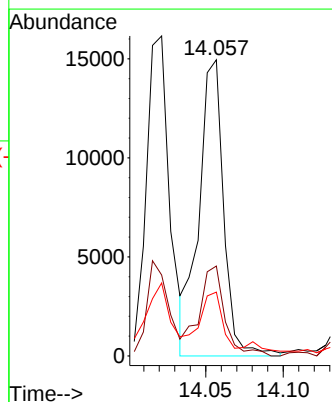
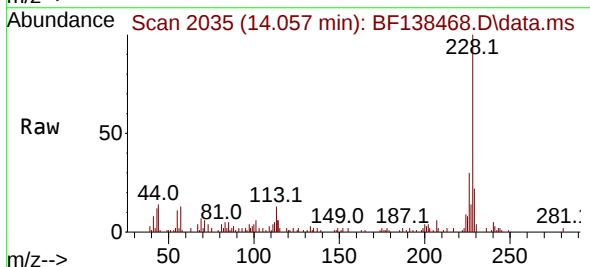
Instrument :
BNA_F
ClientSampleId :
B-140-SB01RE

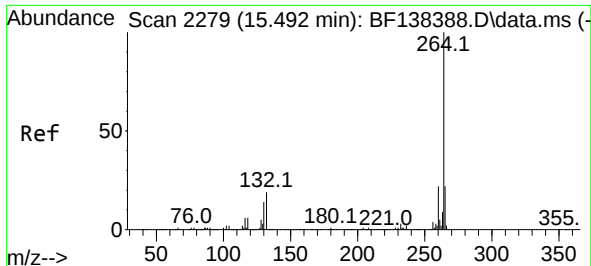
Tgt Ion:228 Resp: 16927
Ion Ratio Lower Upper
228 100
226 25.3 21.7 32.5
229 22.8 15.5 23.3



#83
Chrysene
Concen: 2.064 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF138468.D
Acq: 05 Jul 2024 15:02

Tgt Ion:228 Resp: 16651
Ion Ratio Lower Upper
228 100
226 30.4 23.8 35.6
229 21.5 15.2 22.8

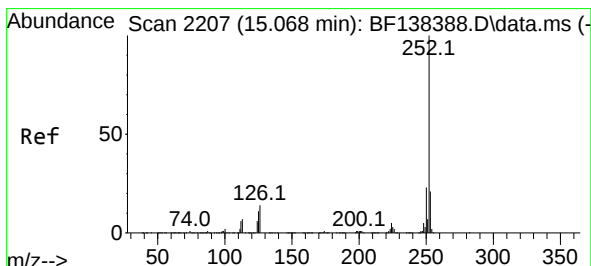
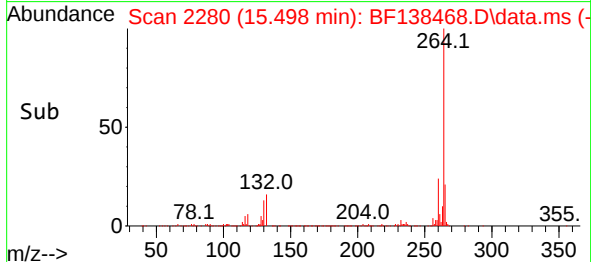
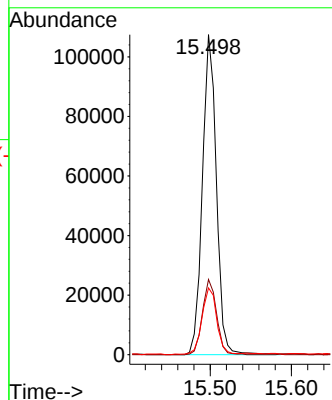
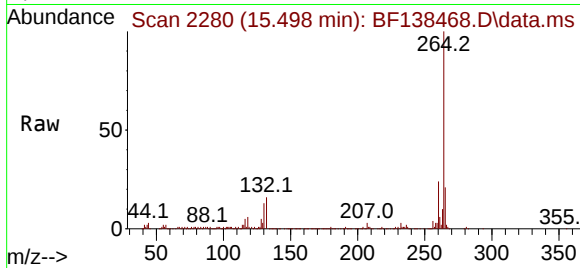




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF138468.D
 Acq: 05 Jul 2024 15:02

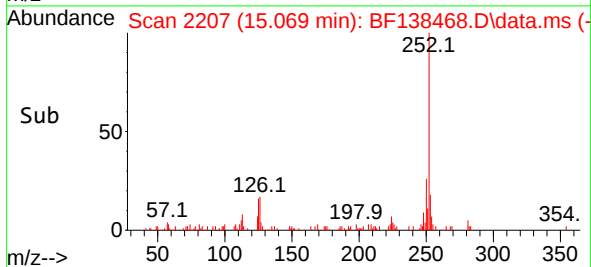
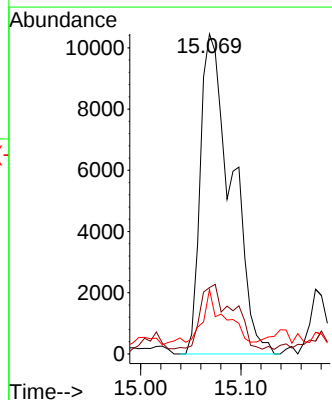
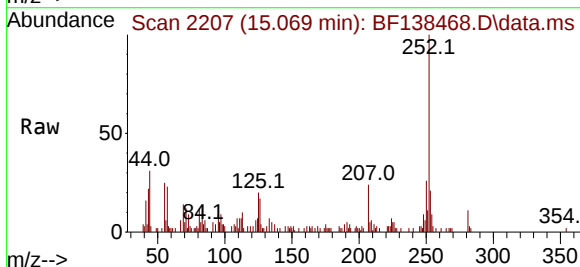
Instrument :
 BNA_F
 ClientSampleId :
 B-140-SB01RE

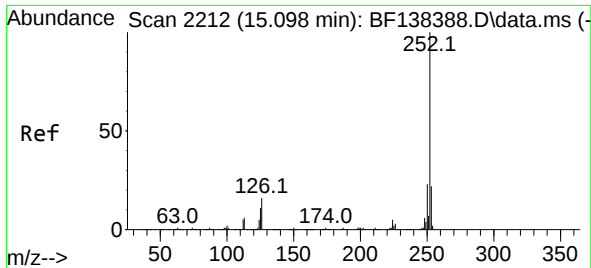
Tgt Ion:264 Resp: 128402
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.8 26.6
 265 20.9 17.5 26.3



#88
 Benzo(b)fluoranthene
 Concen: 3.212 ng
 RT: 15.069 min Scan# 2207
 Delta R.T. 0.000 min
 Lab File: BF138468.D
 Acq: 05 Jul 2024 15:02

Tgt Ion:252 Resp: 22628
 Ion Ratio Lower Upper
 252 100
 253 20.7 17.0 25.4
 125 20.1 8.6 12.8#





#89

Benzo(k)fluoranthene

Concen: 3.487 ng

RT: 15.069 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF138468.D

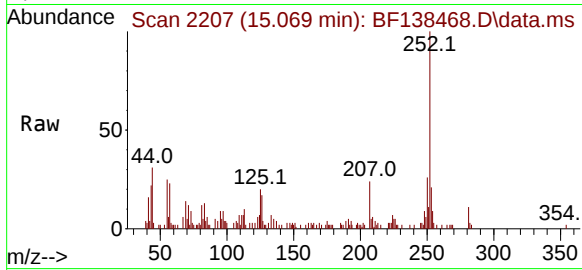
Acq: 05 Jul 2024 15:02

Instrument :

BNA_F

ClientSampleId :

B-140-SB01RE



Tgt Ion:252 Resp: 22628

Ion Ratio Lower Upper

252 100

253 20.7 17.4 26.2

125 20.1 8.7 13.1#

