

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
 Data File : BF138554.D
 Acq On : 12 Jul 2024 19:06
 Operator : CG\JU
 Sample : P3207-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR2520700

Quant Time: Jul 12 23:13:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

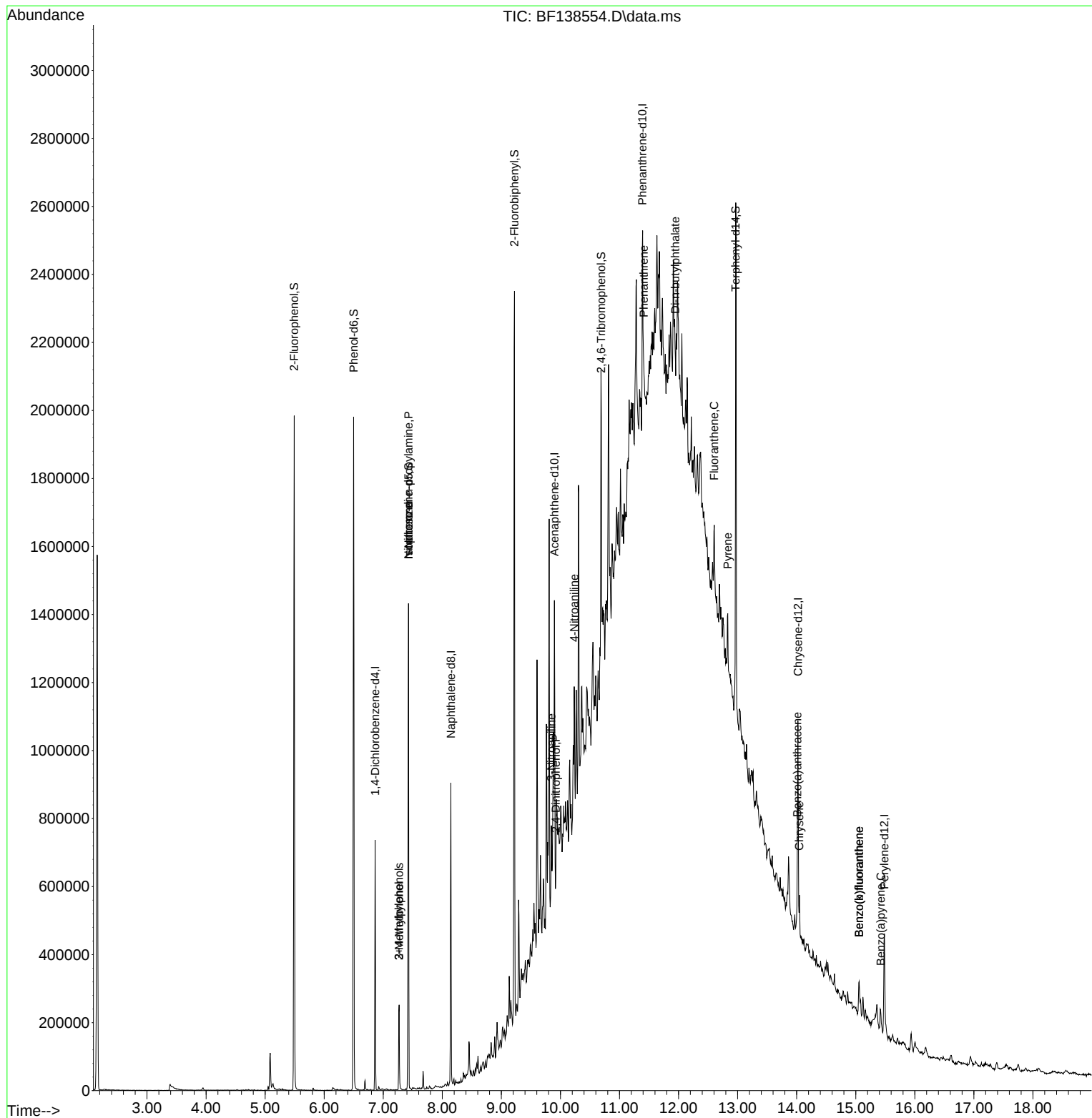
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	86718	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	319095	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	141938	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	176717	20.000	ng	# 0.00
76) Chrysene-d12	14.021	240	174775	20.000	ng	0.00
86) Perylene-d12	15.486	264	137625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	457847	83.618	ng	0.00
7) Phenol-d6	6.498	99	600401	82.428	ng	0.00
23) Nitrobenzene-d5	7.428	82	386847	59.522	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	93989	70.852	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	635454	69.971	ng	0.00
79) Terphenyl-d14	12.968	244	499204	46.532	ng	0.00
Target Compounds						
						Qvalue
17) 2-Methylphenol	7.269	107	58409	12.310	ng	# 73
19) n-Nitroso-di-n-propyla...	7.428	70	52907	11.755	ng	# 71
20) 3+4-Methylphenols	7.269	107	58409	9.775	ng	# 48
25) Isophorone	7.428	82	386842	34.660	ng	# 68
53) 3-Nitroaniline	9.845	138	5851	2.701	ng	# 19
54) 2,4-Dinitrophenol	9.922	184	56	4.714	ng	# 1
62) 4-Nitroaniline	10.233	138	4785	2.205	ng	88
71) Phenanthrene	11.410	178	33039	3.701	ng	# 72
74) Di-n-butylphthalate	11.945	149	24837	2.705	ng	# 53
75) Fluoranthene	12.604	202	77123	8.466	ng	95
78) Pyrene	12.833	202	74690	4.210	ng	# 95
81) Benzo(a)anthracene	14.010	228	47777	4.074	ng	# 91
83) Chrysene	14.045	228	45878	4.135	ng	95
88) Benzo(b)fluoranthene	15.057	252	66852	8.625	ng	# 92
89) Benzo(k)fluoranthene	15.057	252	66852	8.844	ng	# 92
90) Benzo(a)pyrene	15.421	252	30378	4.462	ng	# 91

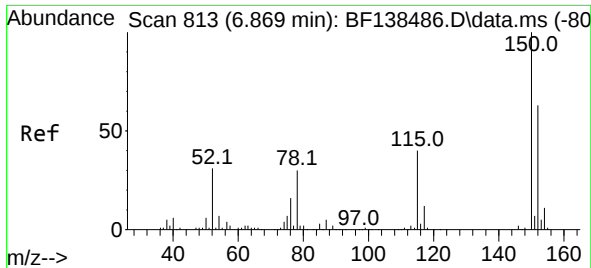
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
Data File : BF138554.D
Acq On : 12 Jul 2024 19:06
Operator : CG\JU
Sample : P3207-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR2520700

Quant Time: Jul 12 23:13:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

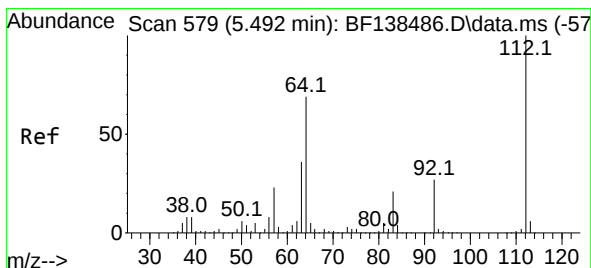
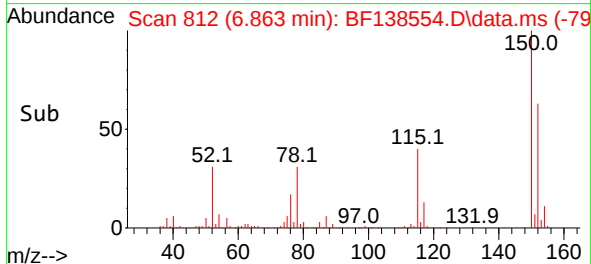
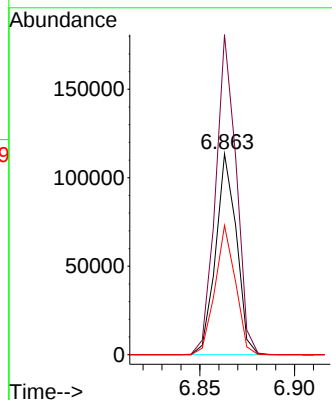
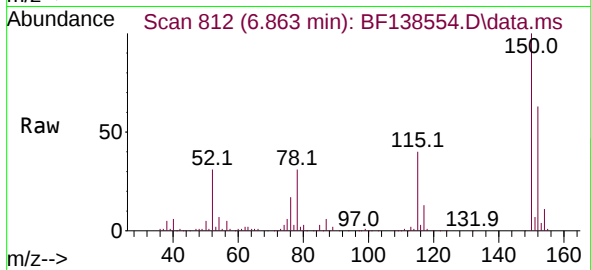




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

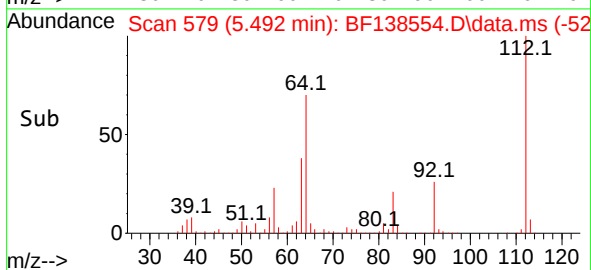
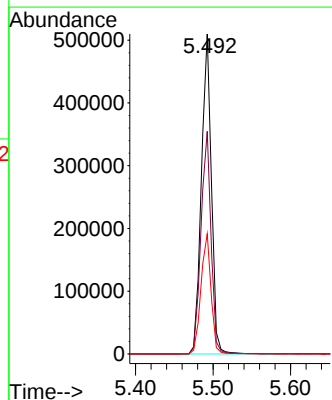
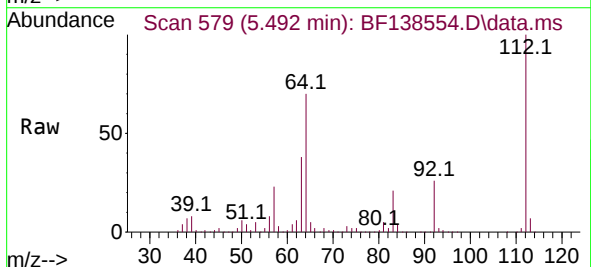
Instrument :
BNA_F
ClientSampleId :
RBR2520700

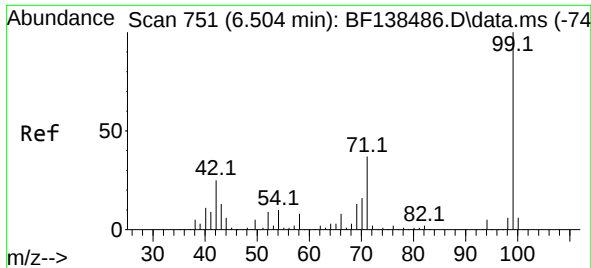
Tgt Ion:152 Resp: 86718
Ion Ratio Lower Upper
152 100
150 159.4 126.2 189.4
115 64.4 50.3 75.5



#5
2-Fluorophenol
Concen: 83.618 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

Tgt Ion:112 Resp: 457847
Ion Ratio Lower Upper
112 100
64 69.6 55.1 82.7
63 37.5 29.0 43.6





#7

Phenol-d6

Concen: 82.428 ng

RT: 6.498 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138554.D

Acq: 12 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

RBR2520700

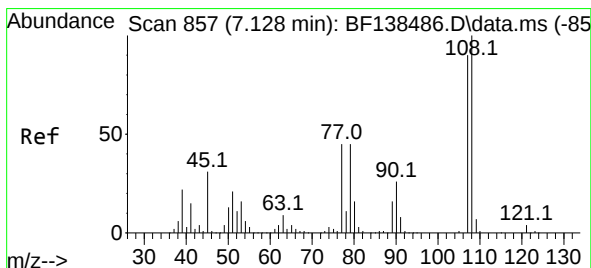
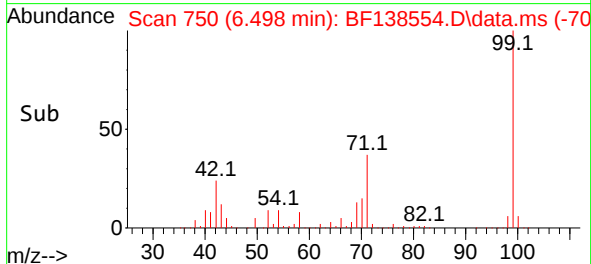
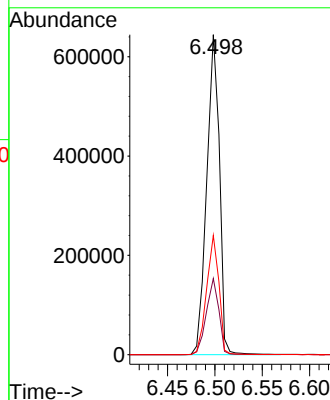
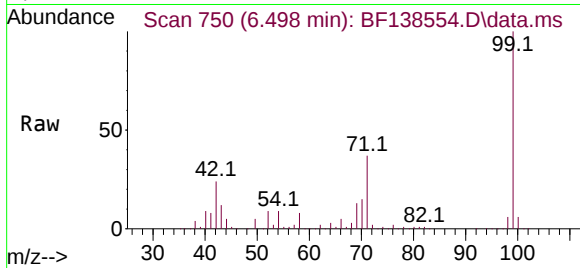
Tgt Ion: 99 Resp: 600401

Ion Ratio Lower Upper

99 100

42 23.8 19.7 29.5

71 37.2 29.9 44.9



#17

2-Methylphenol

Concen: 12.310 ng

RT: 7.269 min Scan# 881

Delta R.T. 0.141 min

Lab File: BF138554.D

Acq: 12 Jul 2024 19:06

Tgt Ion:107 Resp: 58409

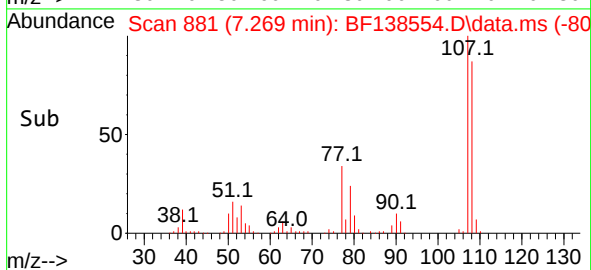
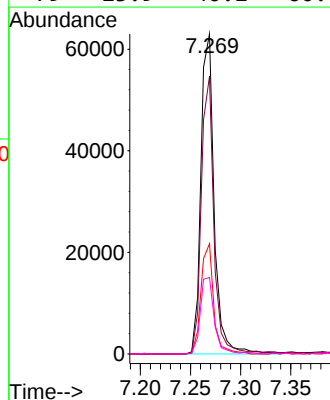
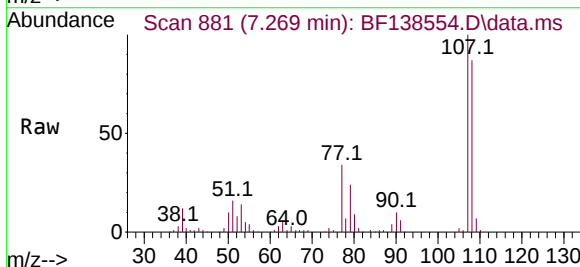
Ion Ratio Lower Upper

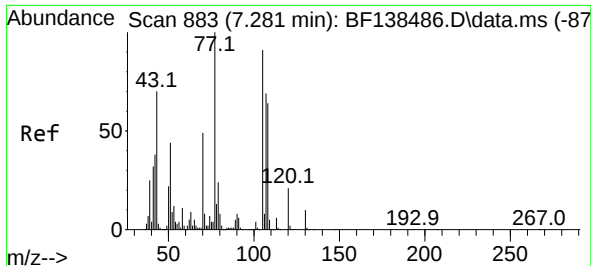
107 100

108 86.8 89.0 133.4#

77 34.5 40.3 60.5#

79 23.9 40.2 60.4#

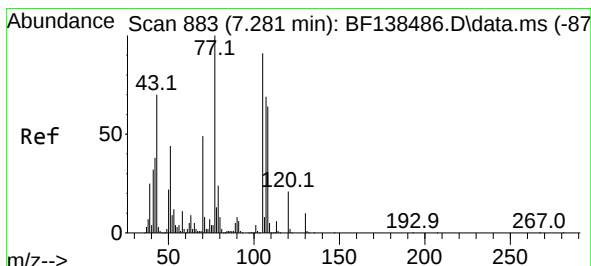
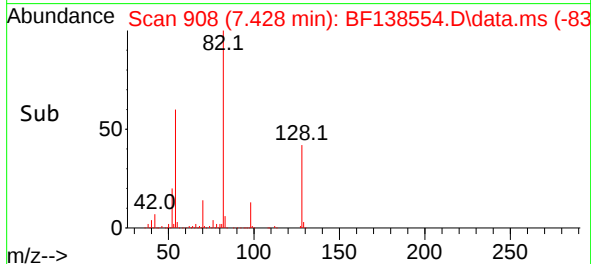
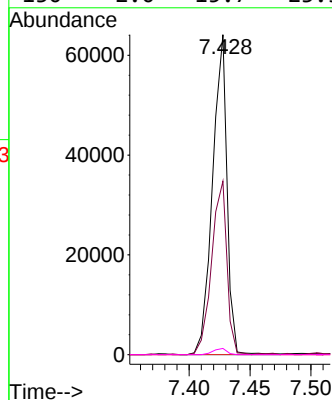
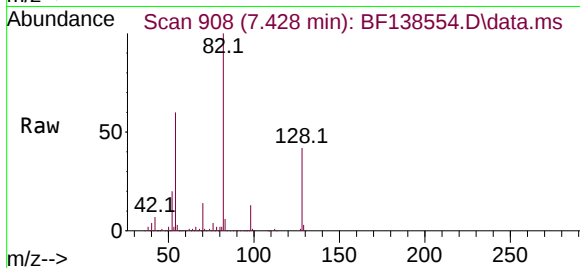




#19
n-Nitroso-di-n-propylamine
Concen: 11.755 ng
RT: 7.428 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

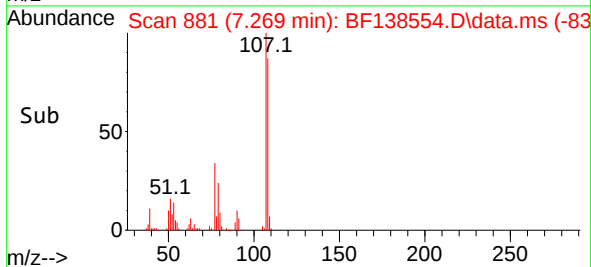
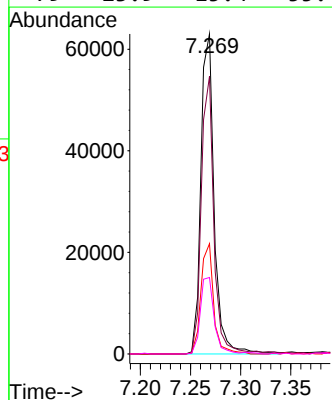
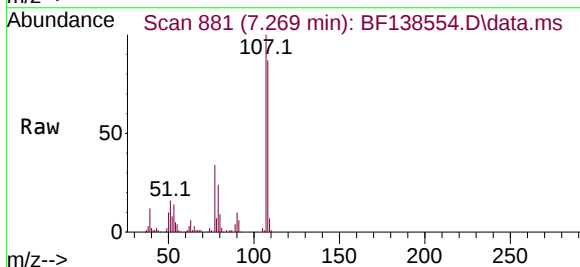
Instrument :
BNA_F
ClientSampleId :
RBR2520700

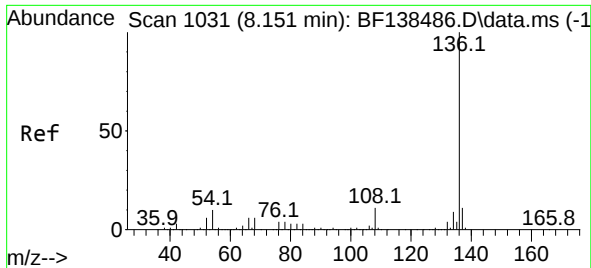
Tgt Ion: 70 Resp: 52907
Ion Ratio Lower Upper
70 100
42 54.2 62.4 93.6#
101 0.0 7.2 10.8#
130 2.0 15.7 23.5#



#20
3+4-Methylphenols
Concen: 9.775 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

Tgt Ion: 107 Resp: 58409
Ion Ratio Lower Upper
107 100
108 86.8 73.7 113.7
77 34.5 126.0 166.0#
79 23.9 15.4 55.4



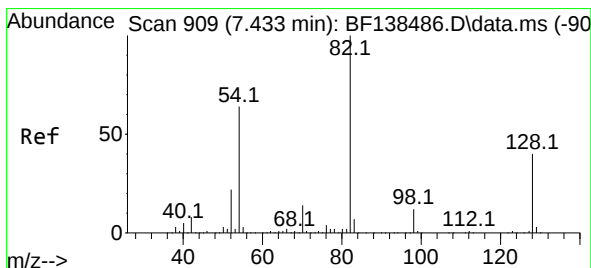
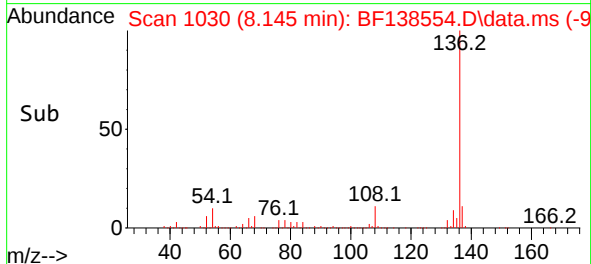
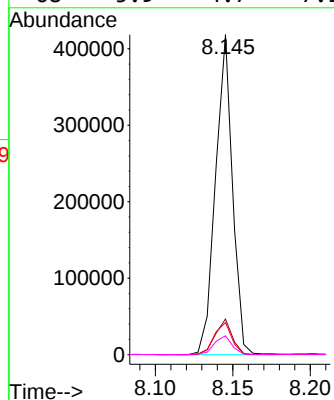
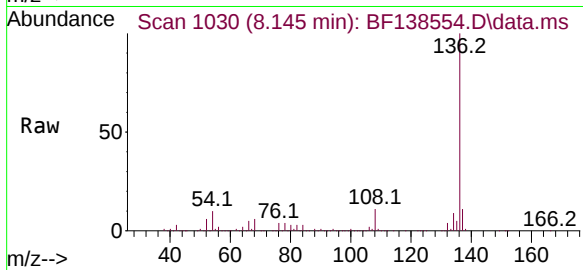


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

Instrument :
BNA_F
ClientSampleId :
RBR2520700

Tgt Ion:136 Resp: 319095

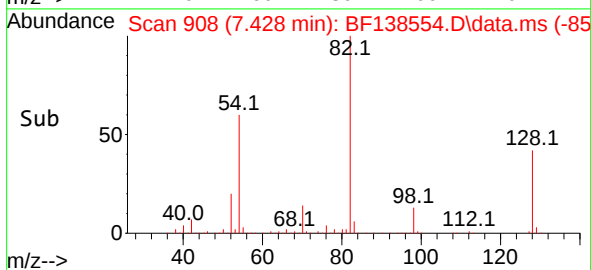
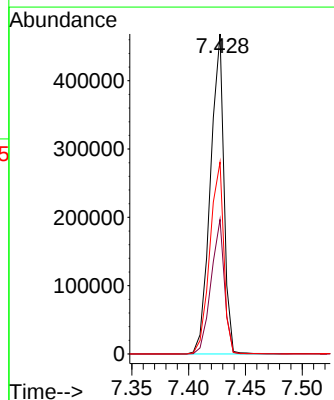
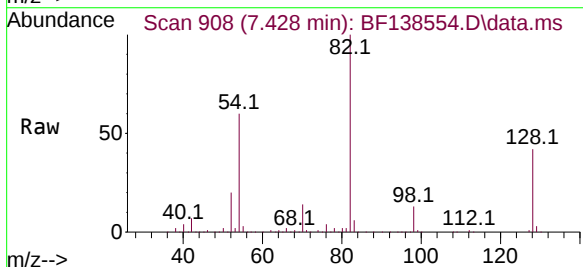
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.0	8.1	12.1
68	5.9	4.7	7.1

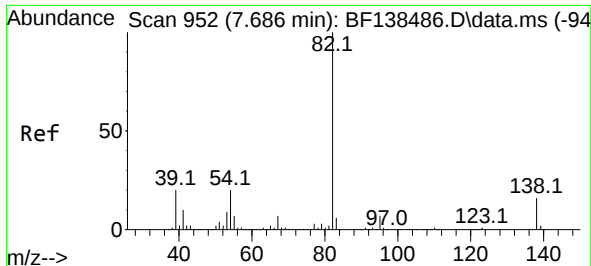


#23
Nitrobenzene-d5
Concen: 59.522 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

Tgt Ion: 82 Resp: 386847

Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.3	48.5
54	59.9	51.4	77.0

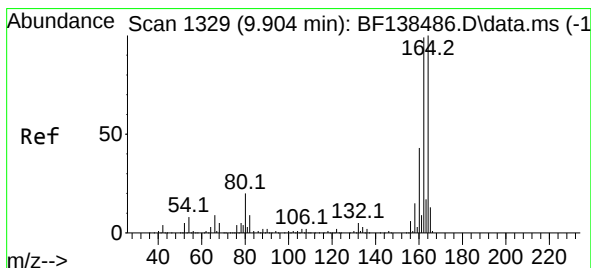
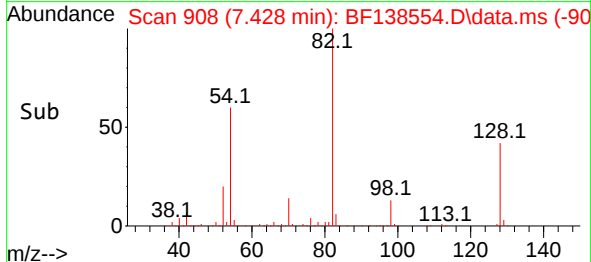
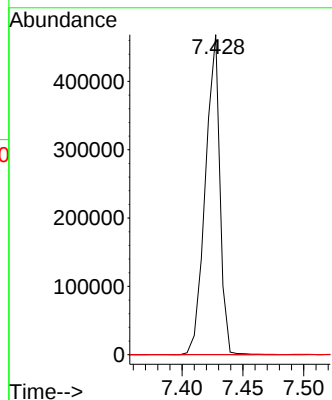
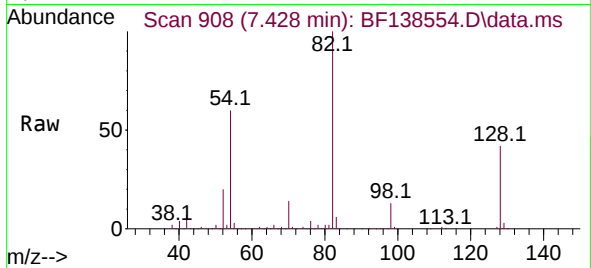




#25
Isophorone
Concen: 34.660 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

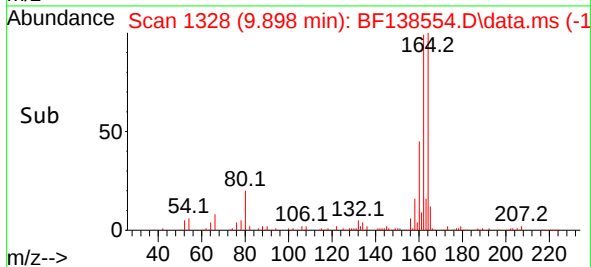
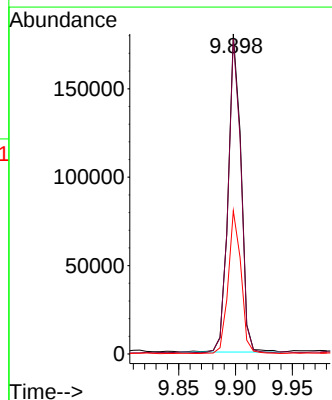
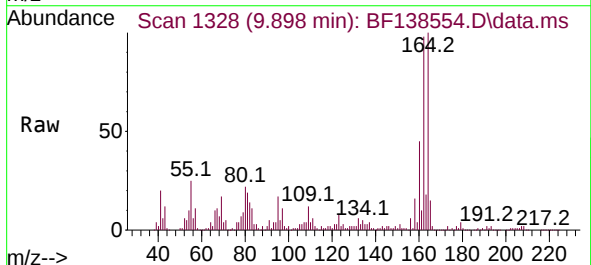
Instrument :
BNA_F
ClientSampleId :
RBR2520700

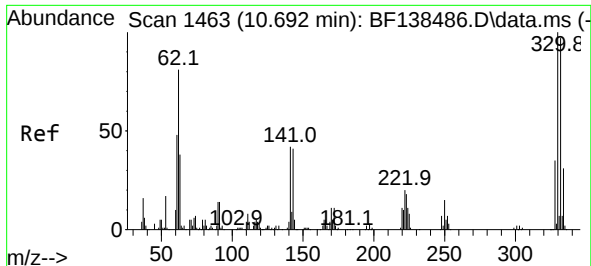
Tgt Ion: 82 Resp: 386842
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

Tgt Ion:164 Resp: 141938
Ion Ratio Lower Upper
164 100
162 98.4 79.0 118.6
160 44.7 34.4 51.6

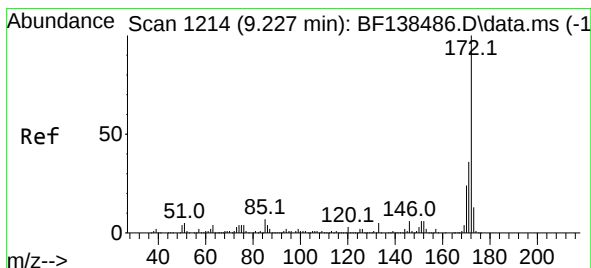
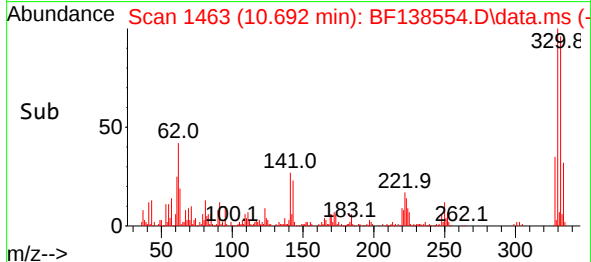
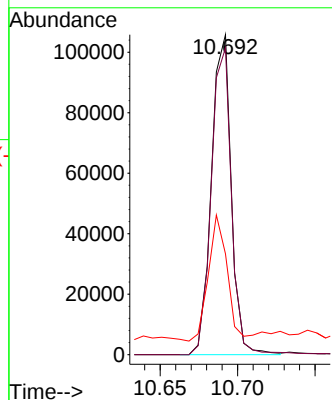
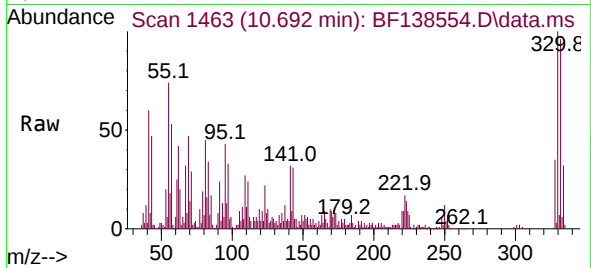




#42
2,4,6-Tribromophenol
Concen: 70.852 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

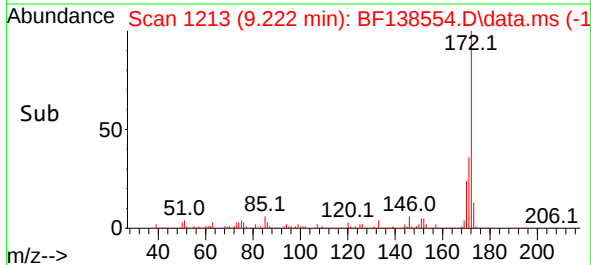
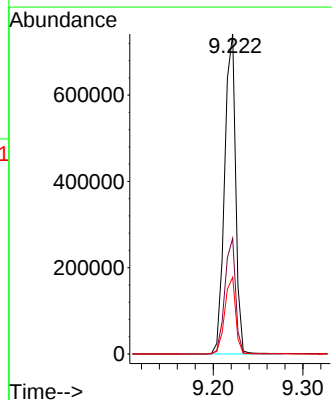
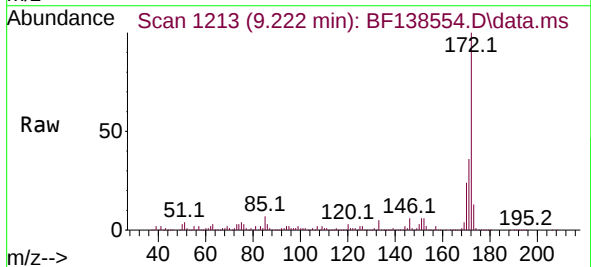
Instrument :
BNA_F
ClientSampleId :
RBR2520700

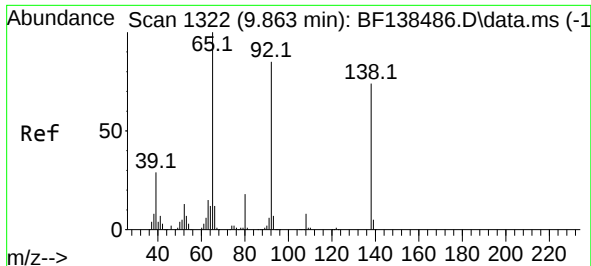
Tgt Ion:330 Resp: 93989
Ion Ratio Lower Upper
330 100
332 98.3 76.8 115.2
141 37.8 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 69.971 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

Tgt Ion:172 Resp: 635454
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 24.0 18.9 28.3

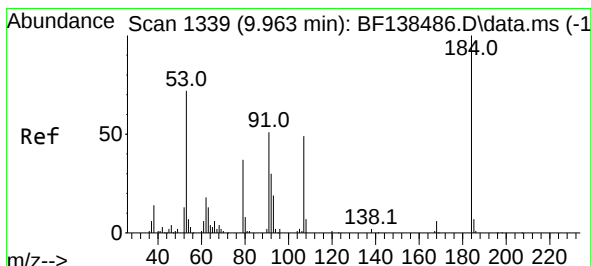
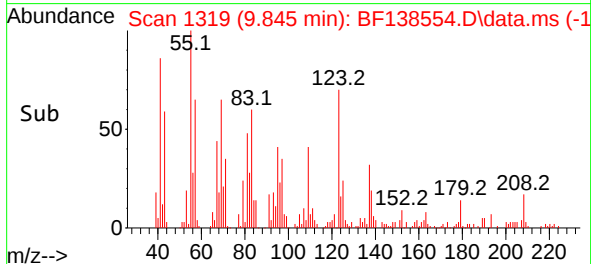
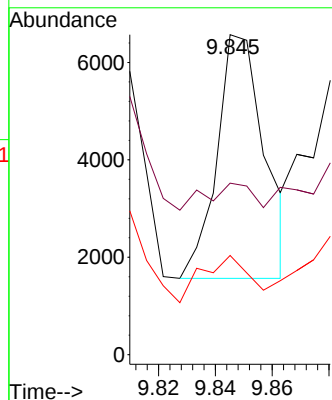
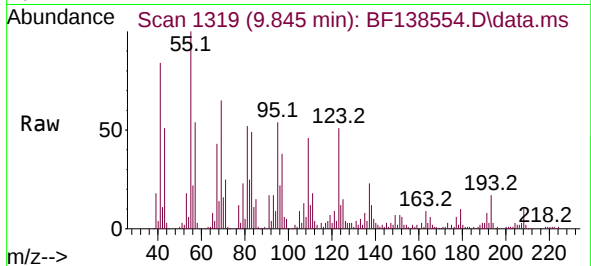




#53
3-Nitroaniline
Concen: 2.701 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

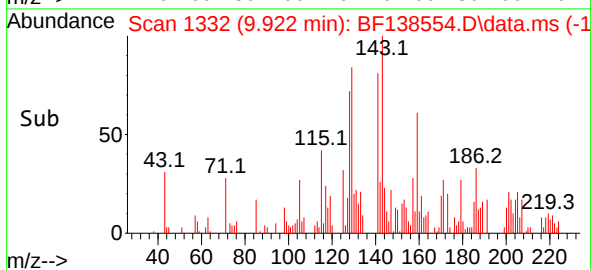
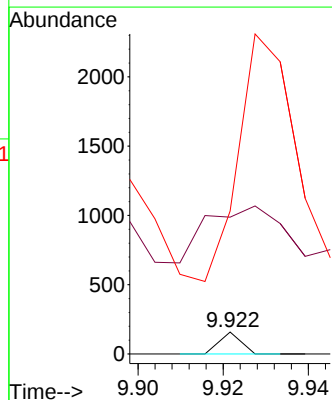
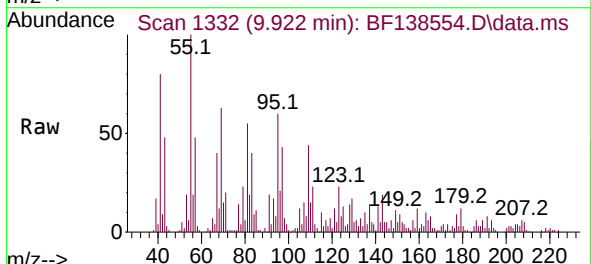
Instrument :
BNA_F
ClientSampleId :
RBR2520700

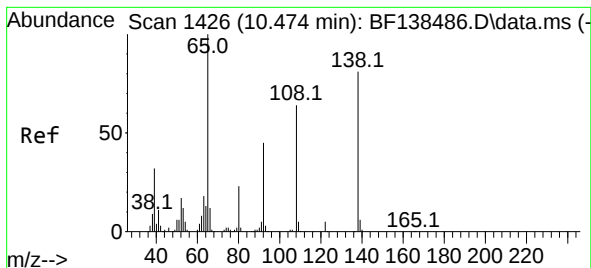
Tgt Ion:138 Resp: 5851
Ion Ratio Lower Upper
138 100
108 53.6 8.3 12.5#
92 31.0 92.6 138.8#



#54
2,4-Dinitrophenol
Concen: 4.714 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.041 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 621.4 70.6 106.0#
154 649.1 53.8 80.6#

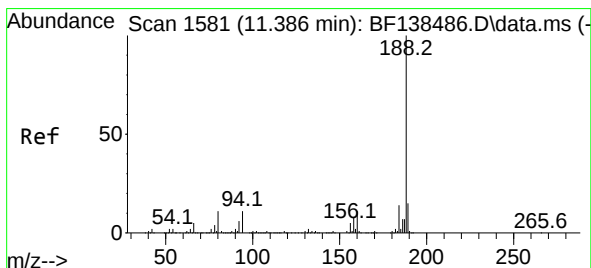
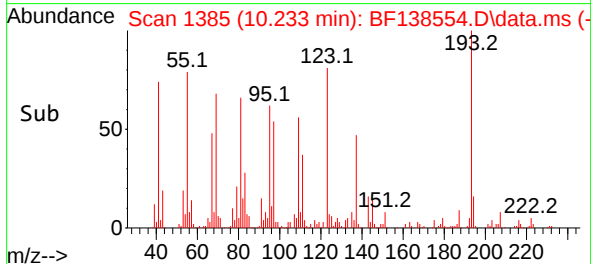
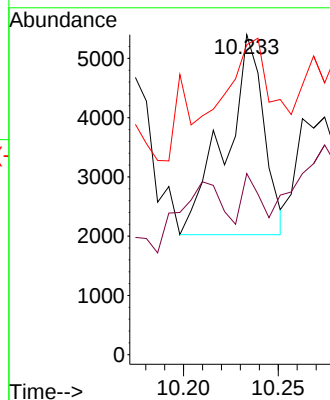
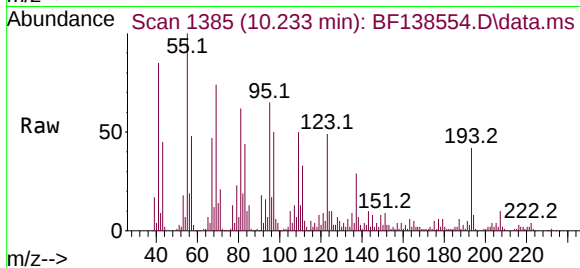




#62
4-Nitroaniline
Concen: 2.205 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

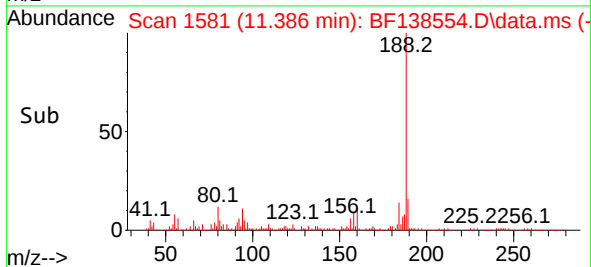
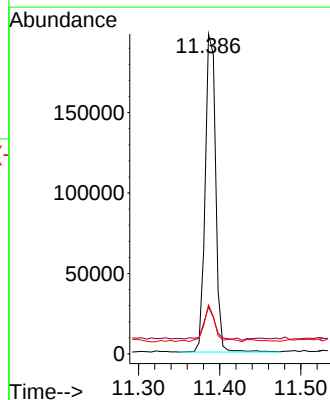
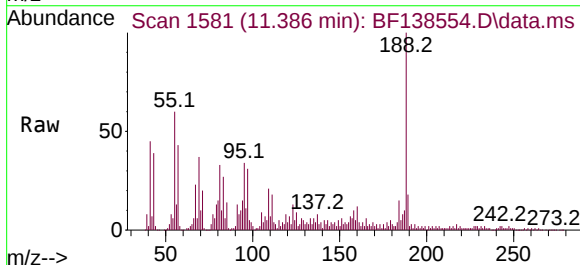
Instrument :
BNA_F
ClientSampleId :
RBR2520700

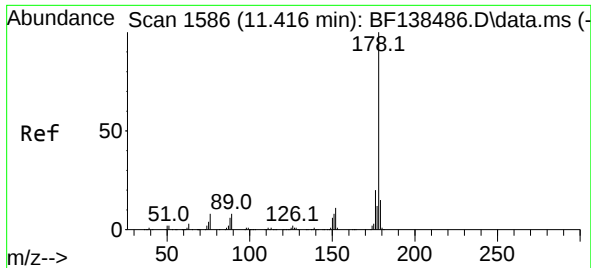
Tgt Ion:138 Resp: 4785
Ion Ratio Lower Upper
138 100
92 56.6 35.8 75.8
108 96.9 59.8 99.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

Tgt Ion:188 Resp: 176717
Ion Ratio Lower Upper
188 100
94 14.7 8.7 13.1#
80 15.4 9.0 13.4#

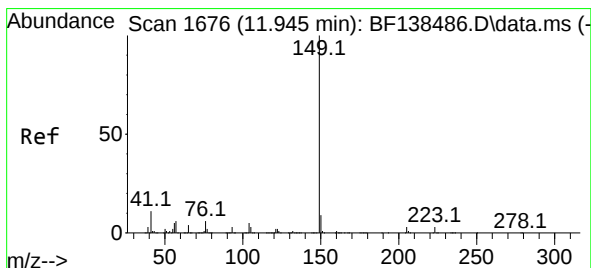
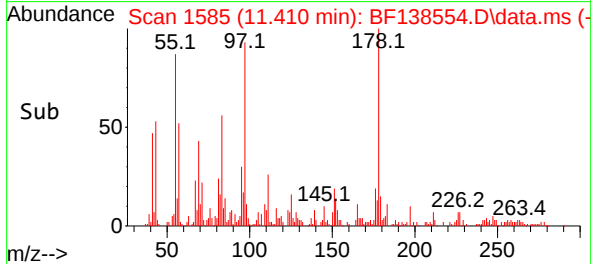
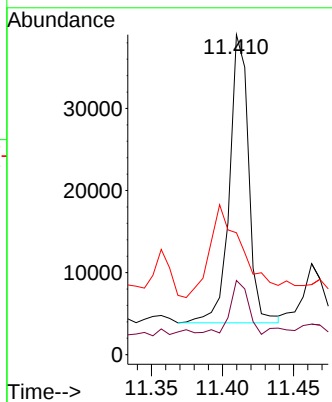
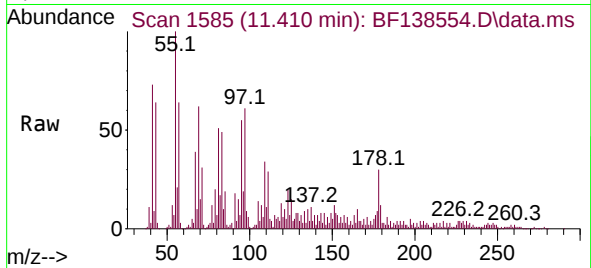




#71
Phenanthrene
Concen: 3.701 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

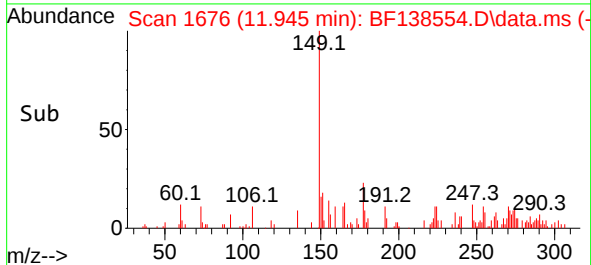
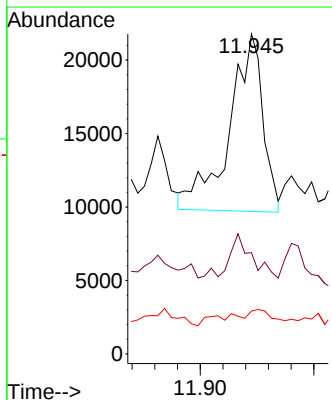
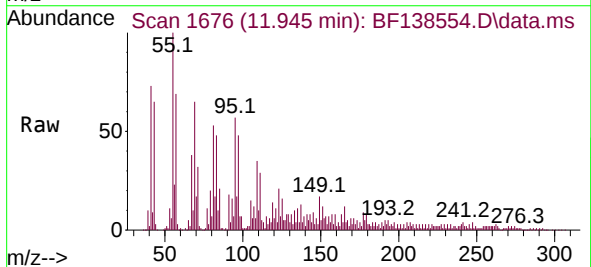
Instrument :
BNA_F
ClientSampleId :
RBR2520700

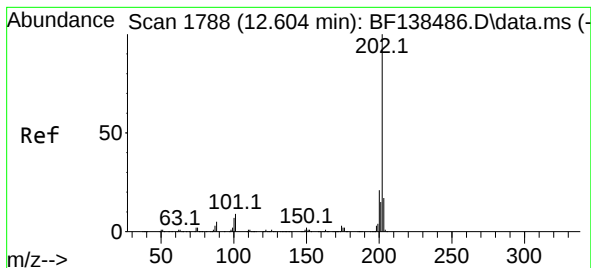
Tgt Ion:178 Resp: 33039
Ion Ratio Lower Upper
178 100
176 23.2 15.7 23.5
179 38.1 12.2 18.2#



#74
Di-n-butylphthalate
Concen: 2.705 ng
RT: 11.945 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

Tgt Ion:149 Resp: 24837
Ion Ratio Lower Upper
149 100
150 31.6 7.4 11.0#
104 13.4 4.4 6.6#





#75

Fluoranthene

Concen: 8.466 ng

RT: 12.604 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138554.D

Acq: 12 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

RBR2520700

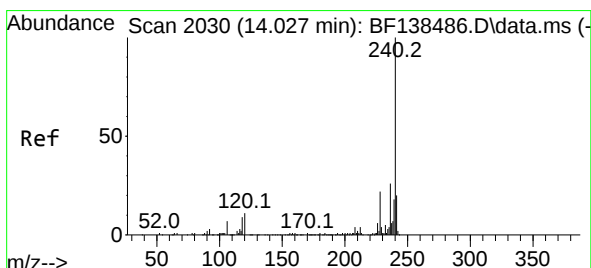
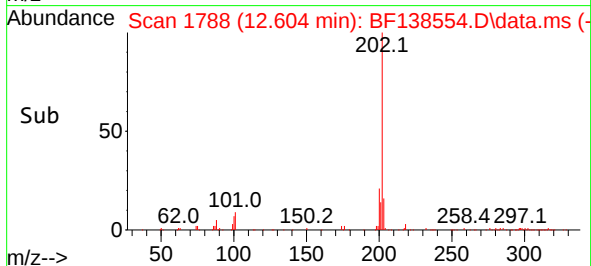
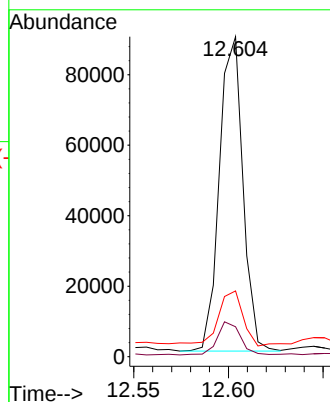
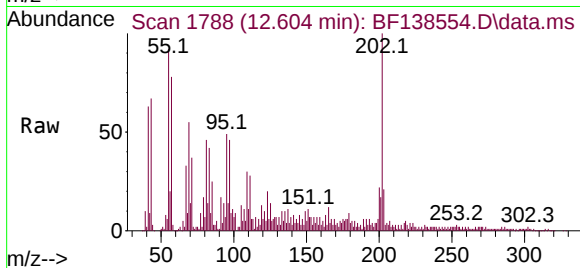
Tgt Ion:202 Resp: 77123

Ion Ratio Lower Upper

202 100

101 9.3 0.0 29.2

203 20.6 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF138554.D

Acq: 12 Jul 2024 19:06

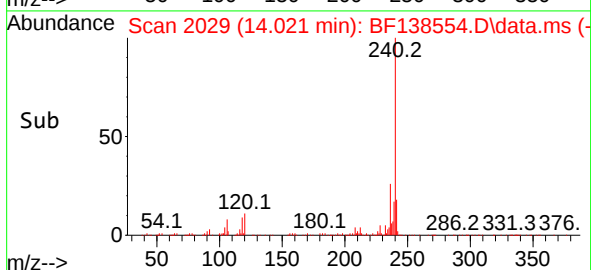
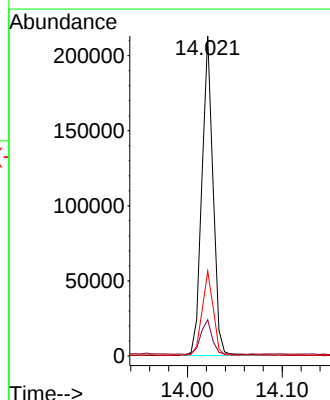
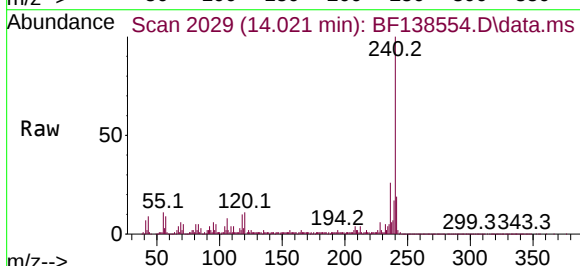
Tgt Ion:240 Resp: 174775

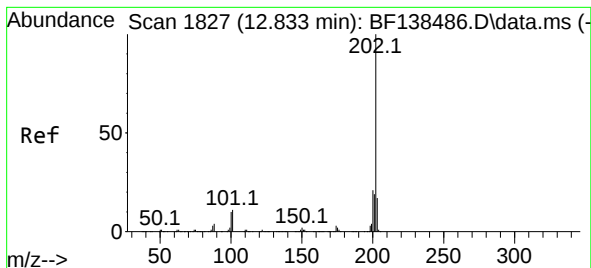
Ion Ratio Lower Upper

240 100

120 11.3 8.6 12.8

236 26.5 21.0 31.6





#78

Pyrene

Concen: 4.210 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF138554.D

Acq: 12 Jul 2024 19:06

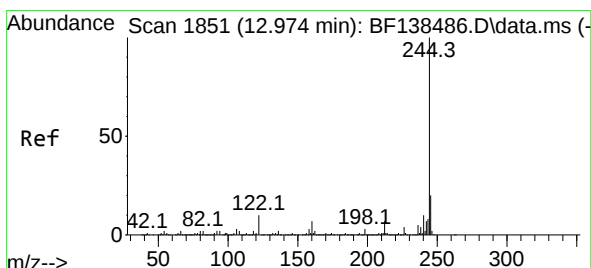
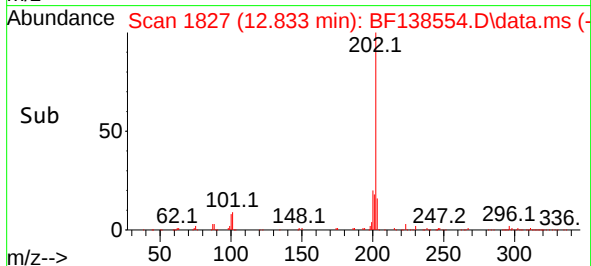
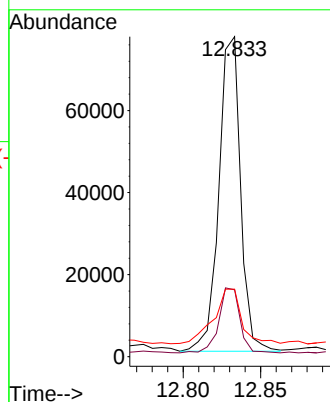
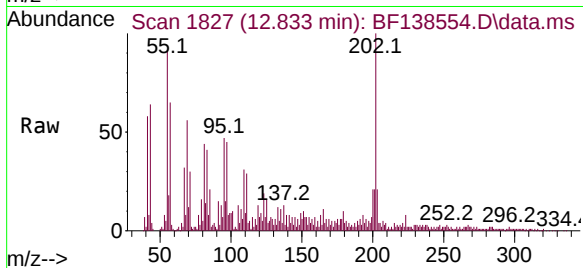
Instrument :

BNA_F

ClientSampleId :

RBR2520700

Tgt Ion:	202	Resp:	74690
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.0	25.6
203	21.1	13.7	20.5#



#79

Terphenyl-d14

Concen: 46.532 ng

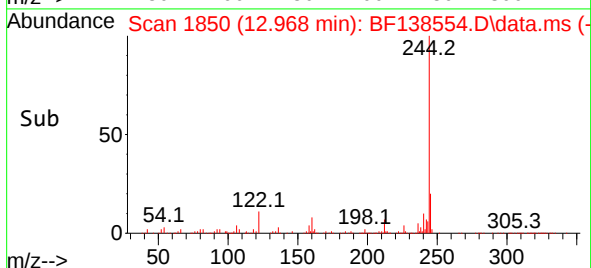
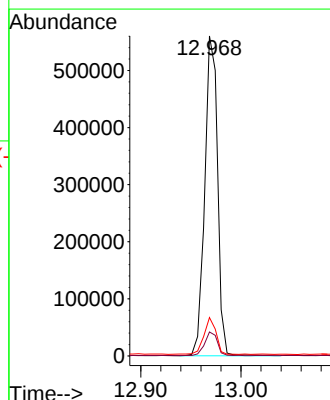
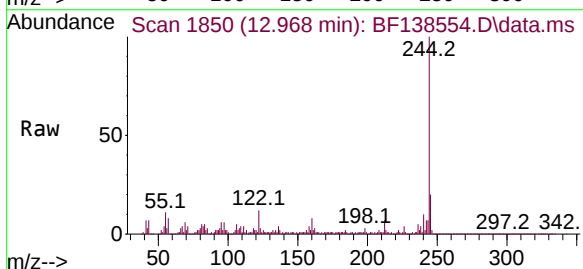
RT: 12.968 min Scan# 1850

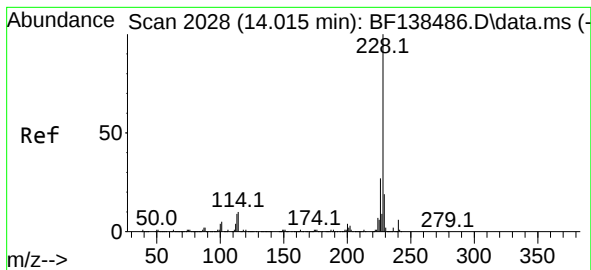
Delta R.T. -0.006 min

Lab File: BF138554.D

Acq: 12 Jul 2024 19:06

Tgt Ion:	244	Resp:	499204
Ion Ratio	Lower	Upper	
244	100		
212	7.5	5.5	8.3
122	12.0	7.8	11.8#





#81

Benzo(a)anthracene

Concen: 4.074 ng

RT: 14.010 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF138554.D

Acq: 12 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

RBR2520700

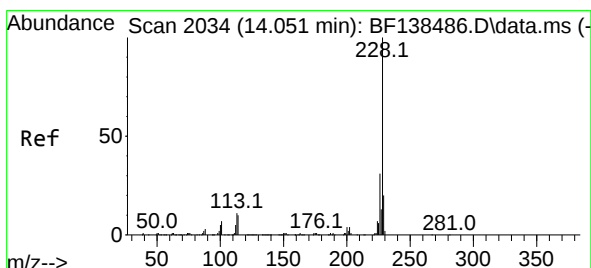
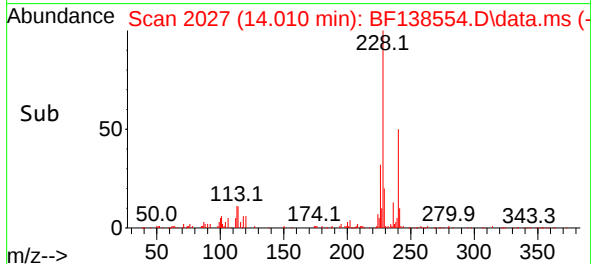
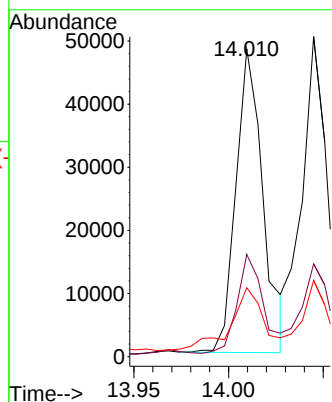
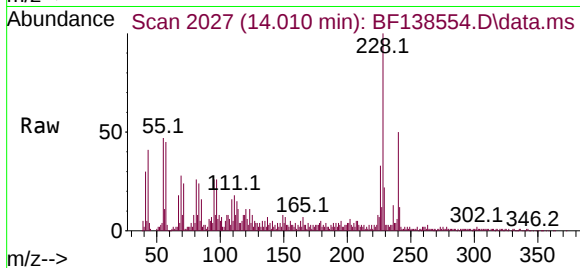
Tgt Ion:228 Resp: 47777

Ion Ratio Lower Upper

228 100

226 33.2 21.9 32.9#

229 22.4 15.5 23.3



#83

Chrysene

Concen: 4.135 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF138554.D

Acq: 12 Jul 2024 19:06

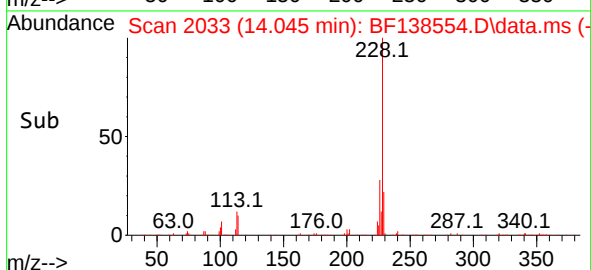
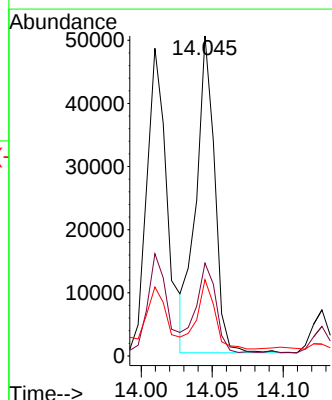
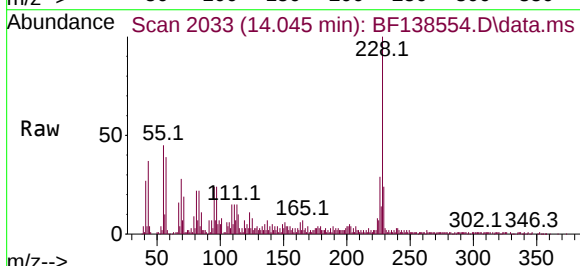
Tgt Ion:228 Resp: 45878

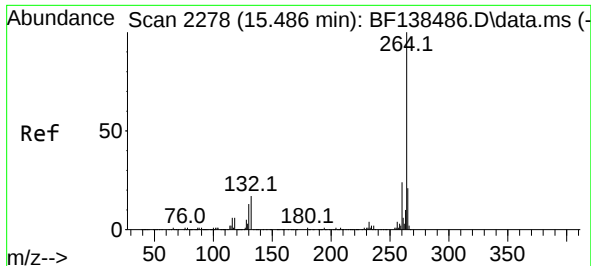
Ion Ratio Lower Upper

228 100

226 29.0 24.4 36.6

229 23.8 16.0 24.0

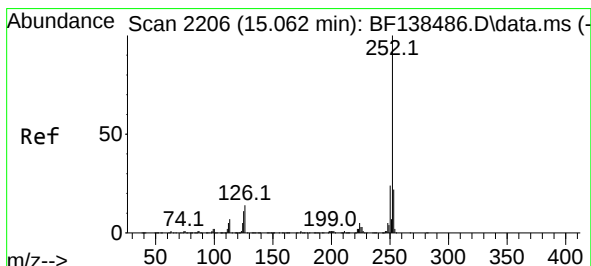
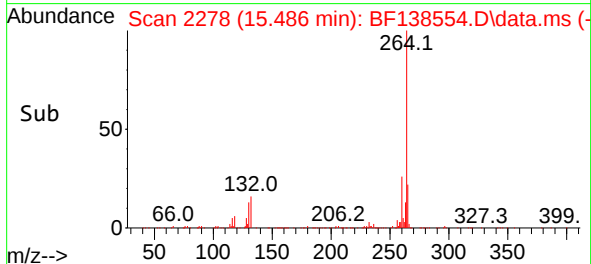
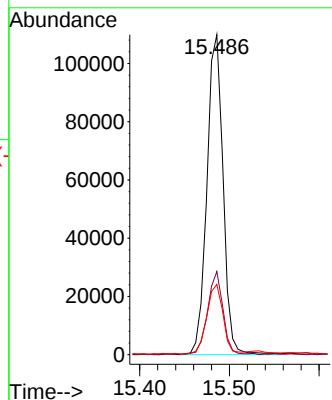
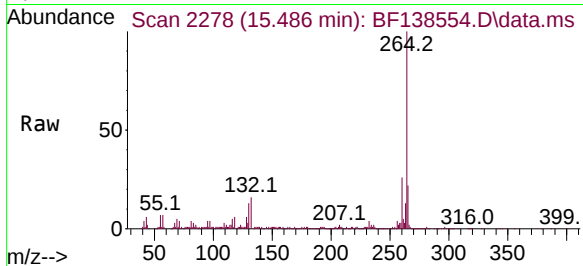




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

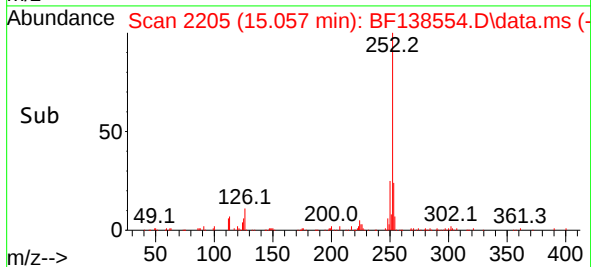
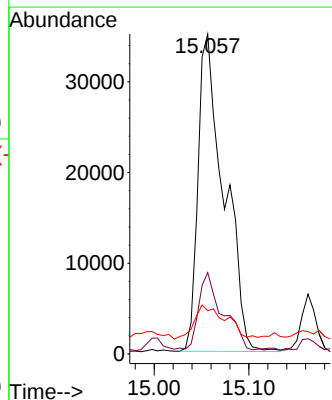
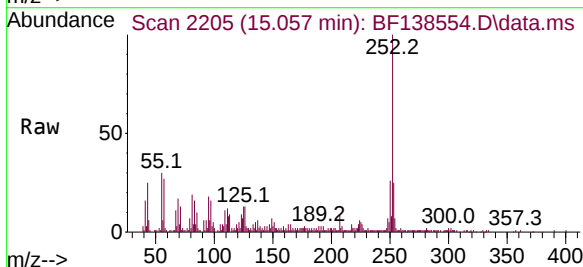
Instrument :
BNA_F
ClientSampleId :
RBR2520700

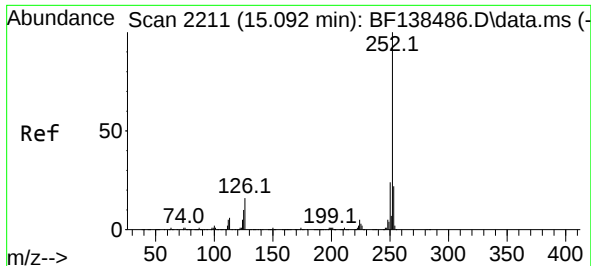
Tgt Ion:264 Resp: 137625
Ion Ratio Lower Upper
264 100
260 26.0 19.0 28.6
265 22.0 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 8.625 ng
RT: 15.057 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

Tgt Ion:252 Resp: 66852
Ion Ratio Lower Upper
252 100
253 25.5 17.3 25.9
125 13.5 8.6 13.0#





#89

Benzo(k)fluoranthene

Concen: 8.844 ng

RT: 15.057 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF138554.D

Acq: 12 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

RBR2520700

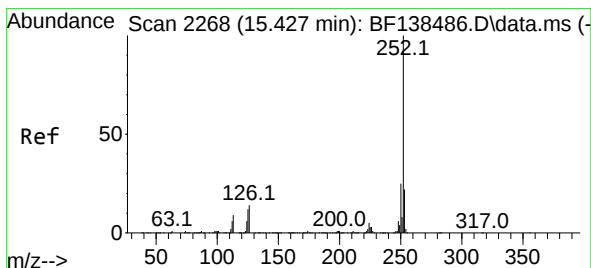
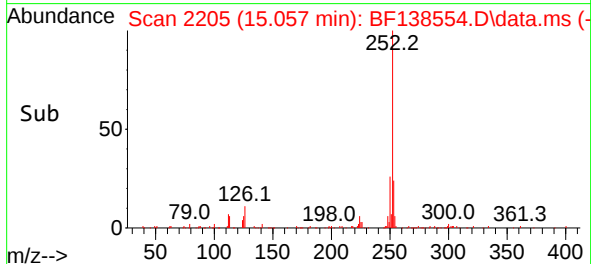
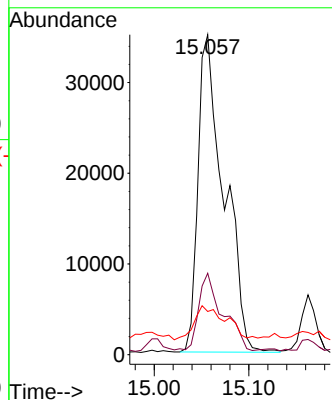
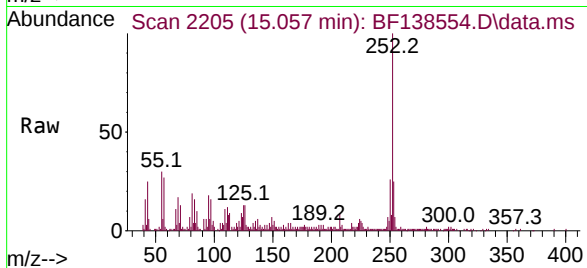
Tgt Ion:252 Resp: 66852

Ion Ratio Lower Upper

252 100

253 25.5 17.7 26.5

125 13.5 8.1 12.1#



#90

Benzo(a)pyrene

Concen: 4.462 ng

RT: 15.421 min Scan# 2267

Delta R.T. -0.006 min

Lab File: BF138554.D

Acq: 12 Jul 2024 19:06

Tgt Ion:252 Resp: 30378

Ion Ratio Lower Upper

252 100

253 24.6 17.4 26.0

125 16.9 9.4 14.2#

