

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
 Data File : BF138706.D
 Acq On : 31 Jul 2024 17:01
 Operator : RC/JU
 Sample : P3363-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-072524RE

Quant Time: Jul 31 17:30:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

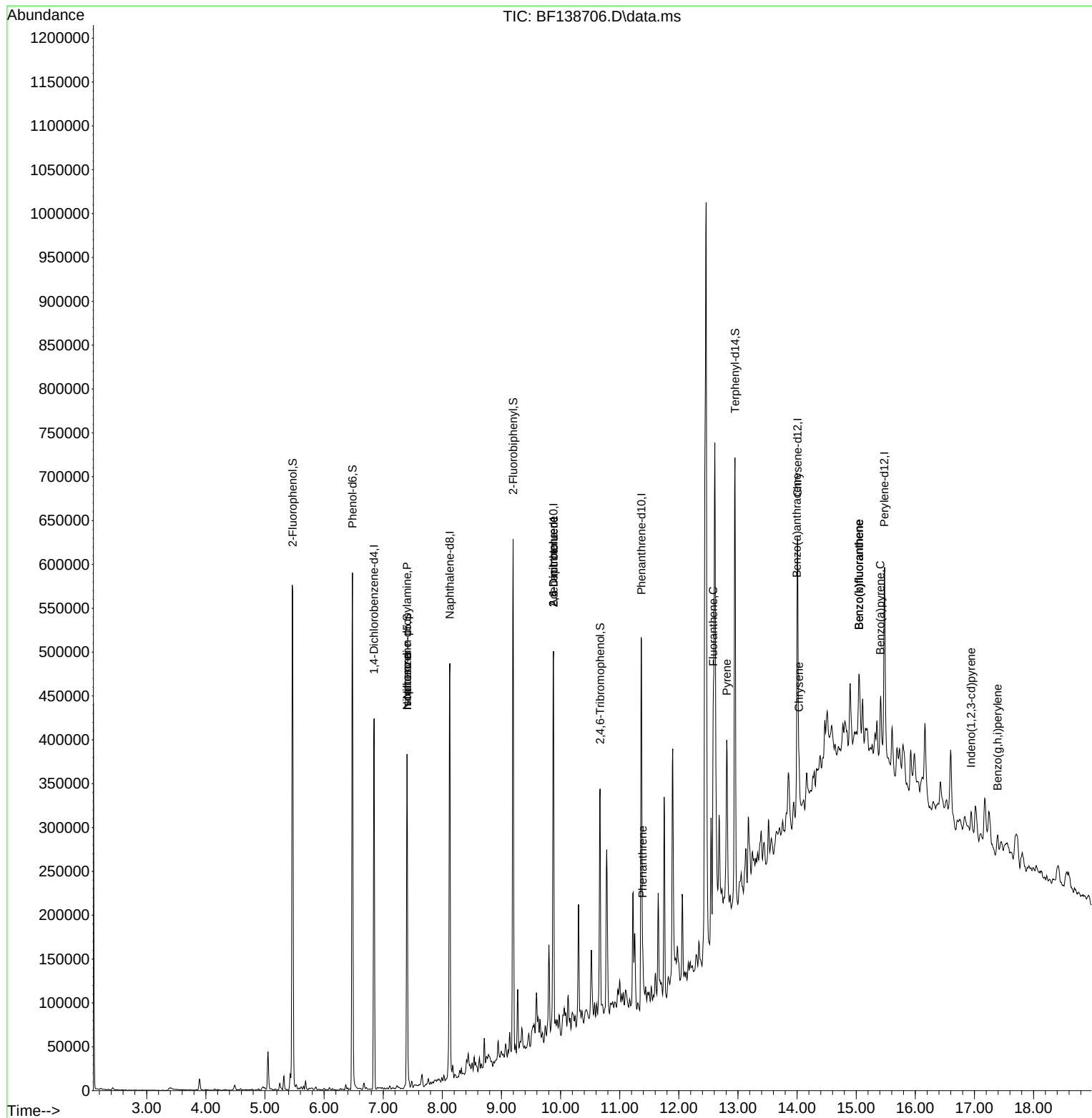
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	81481	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	280531	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	127744	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	214412	20.000	ng	0.00
76) Chrysene-d12	14.010	240	127468	20.000	ng	0.00
86) Perylene-d12	15.474	264	105460	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	202740	38.409	ng	0.00
7) Phenol-d6	6.481	99	254465	35.907	ng	0.00
23) Nitrobenzene-d5	7.404	82	153527	26.757	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	39005	37.276	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	236517	27.819	ng	0.00
79) Terphenyl-d14	12.951	244	237438	31.187	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.404	70	21271	4.969	ng	# 79
25) Isophorone	7.404	82	151295	15.442	ng	# 66
51) 2,6-Dinitrotoluene	9.880	165	16944	9.192	ng	# 22
57) 2,4-Dinitrotoluene	9.880	165	16944	7.204	ng	# 18
71) Phenanthrene	11.386	178	28153	2.550	ng	96
75) Fluoranthene	12.580	202	85301	8.276	ng	98
78) Pyrene	12.810	202	88384	7.364	ng	98
81) Benzo(a)anthracene	13.998	228	36854	4.199	ng	# 84
83) Chrysene	14.033	228	31705	4.004	ng	# 91
87) Indeno(1,2,3-cd)pyrene	16.945	276	17387	2.301	ng	92
88) Benzo(b)fluoranthene	15.051	252	52791	8.075	ng	# 79
89) Benzo(k)fluoranthene	15.051	252	52791	9.327	ng	# 78
90) Benzo(a)pyrene	15.410	252	27896	5.073	ng	# 80
92) Benzo(g,h,i)perylene	17.392	276	17695	2.749	ng	# 85

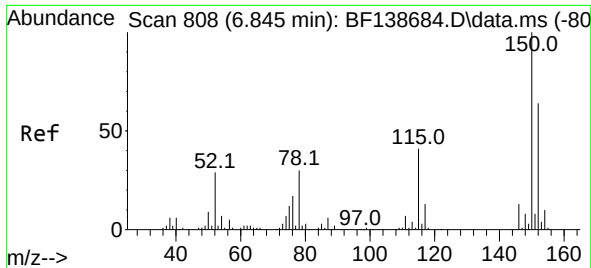
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 31 17:30:05 2024
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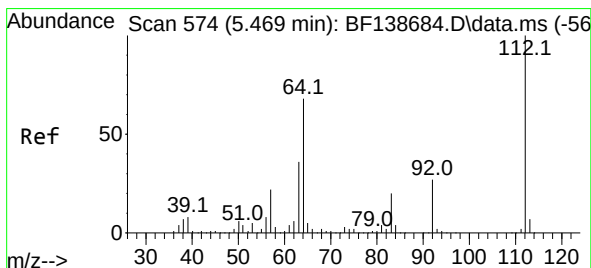
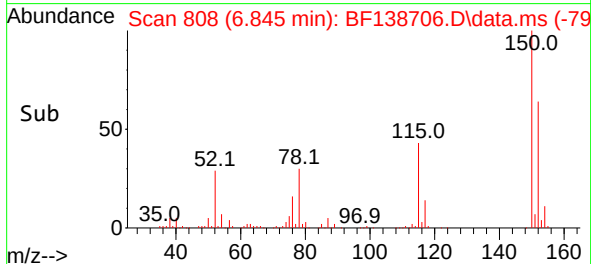
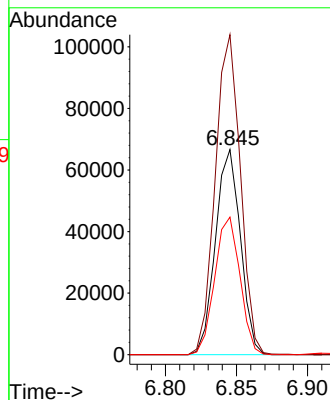
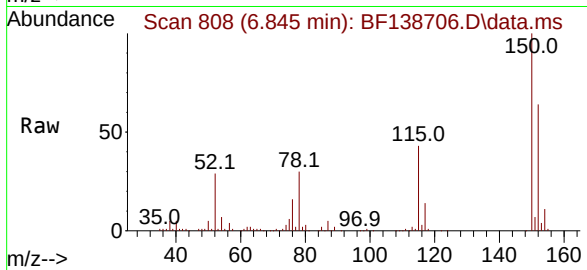




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

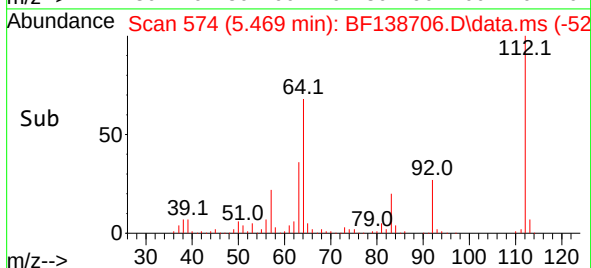
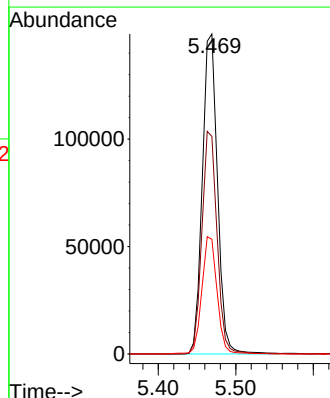
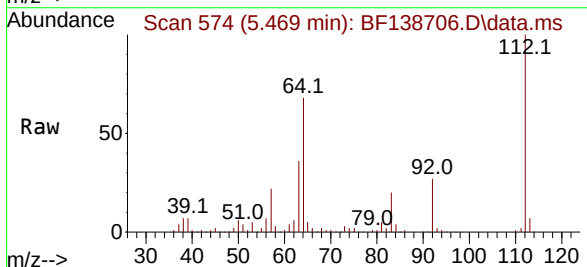
Instrument :
BNA_F
ClientSampleId :
EO-01-072524RE

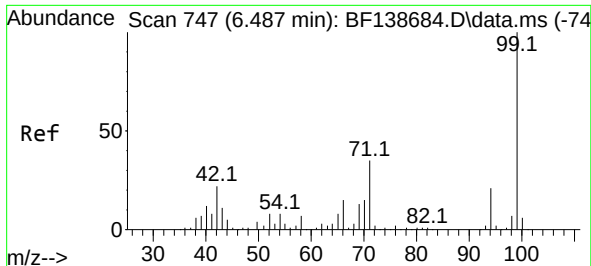
Tgt Ion:152 Resp: 81481
Ion Ratio Lower Upper
152 100
150 156.1 126.0 189.0
115 67.1 51.7 77.5



#5
2-Fluorophenol
Concen: 38.409 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

Tgt Ion:112 Resp: 202740
Ion Ratio Lower Upper
112 100
64 68.0 54.2 81.4
63 35.9 28.7 43.1

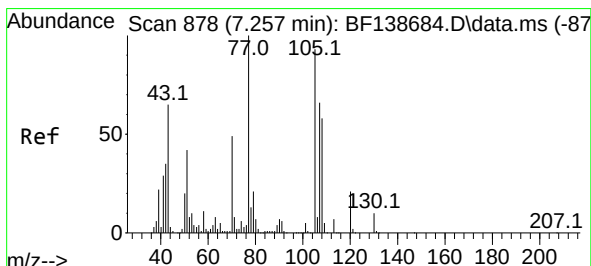
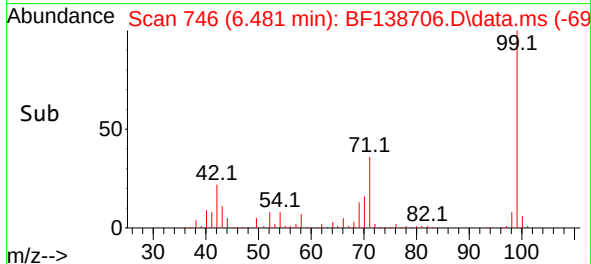
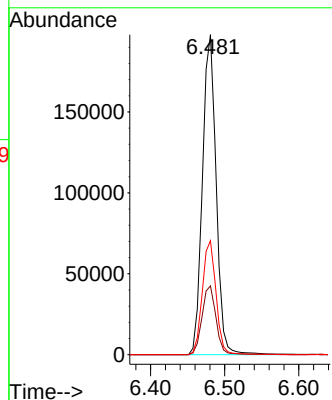
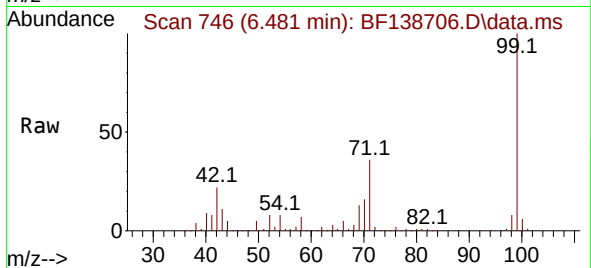




#7
Phenol-d6
Concen: 35.907 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

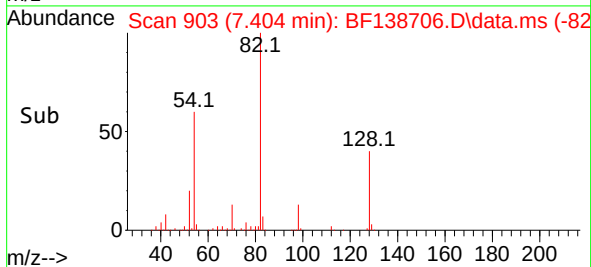
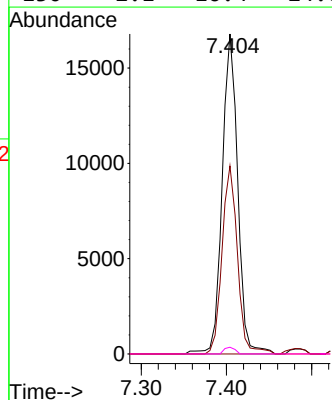
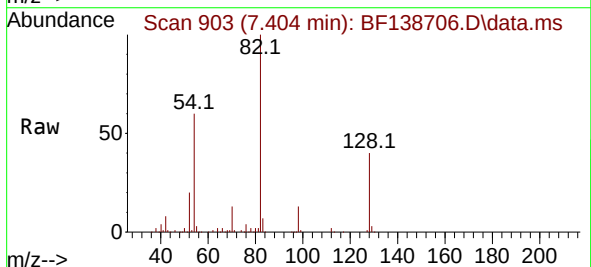
Instrument :
BNA_F
ClientSampleId :
EO-01-072524RE

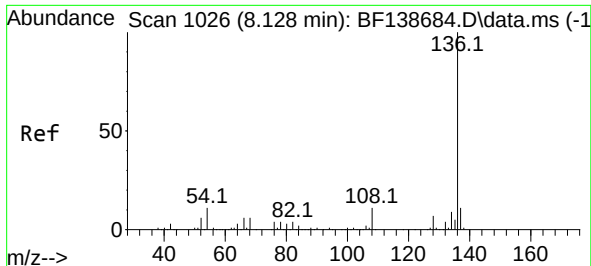
Tgt Ion: 99 Resp: 254465
Ion Ratio Lower Upper
99 100
42 21.5 17.4 26.0
71 35.6 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 4.969 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

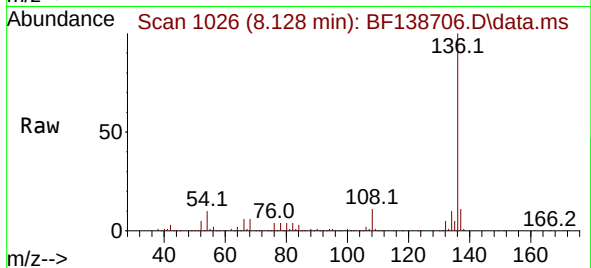
Tgt Ion: 70 Resp: 21271
Ion Ratio Lower Upper
70 100
42 58.7 57.4 86.0
101 0.0 7.5 11.3#
130 2.1 16.4 24.6#



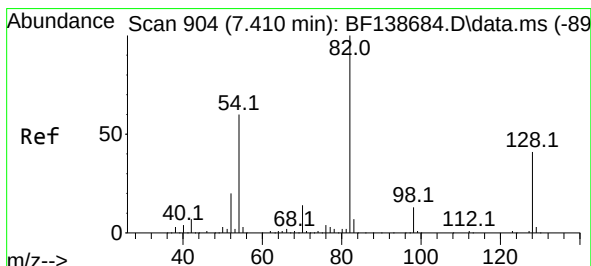
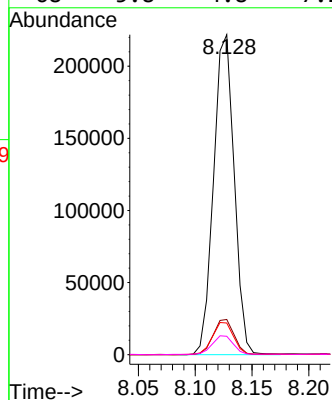
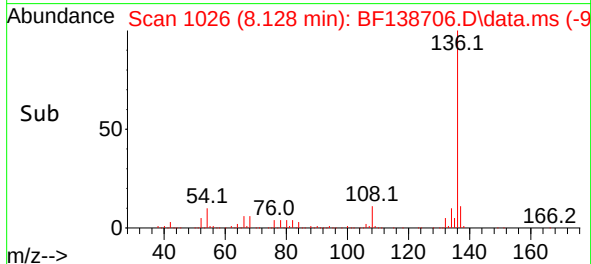


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

Instrument :
BNA_F
ClientSampleId :
EO-01-072524RE

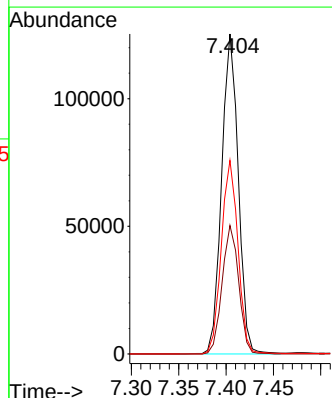
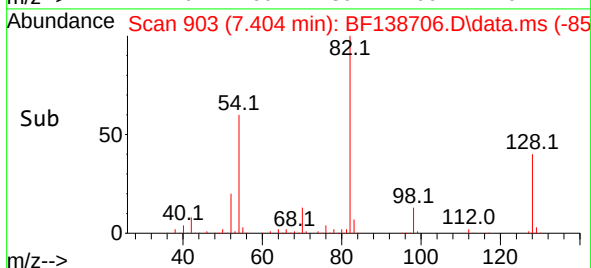
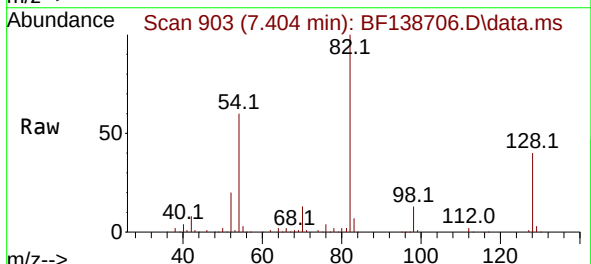


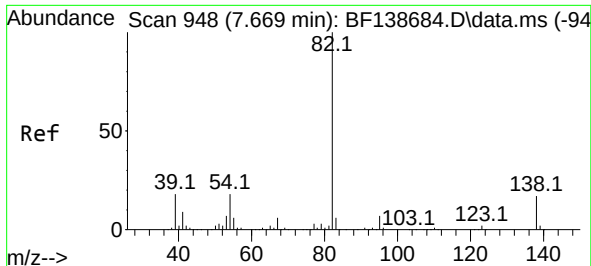
Tgt Ion:	136	Resp:	280531
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	9.9	8.6	12.8
68	5.8	4.8	7.2



#23
Nitrobenzene-d5
Concen: 26.757 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

Tgt Ion:	82	Resp:	153527
Ion Ratio	Lower	Upper	
82	100		
128	40.1	32.8	49.2
54	60.5	48.3	72.5

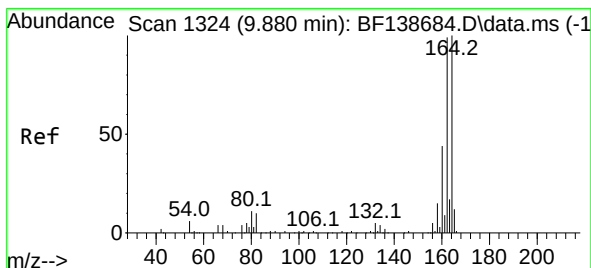
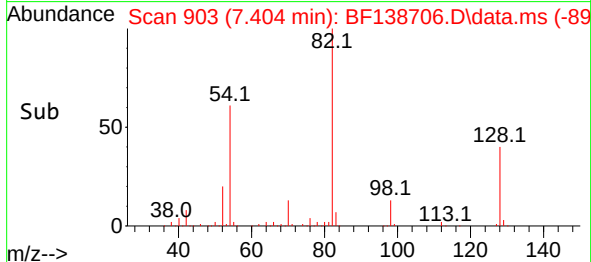
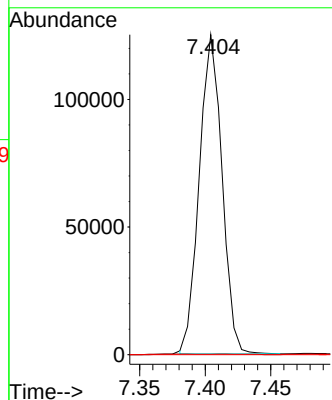
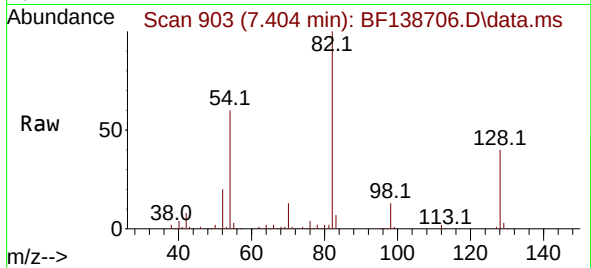




#25
Isophorone
Concen: 15.442 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

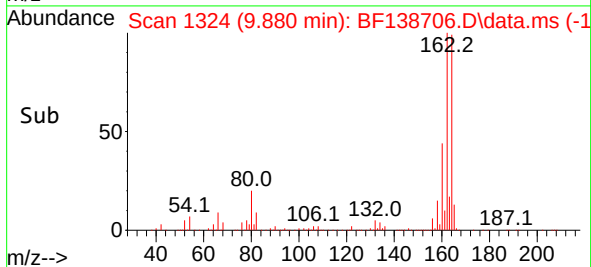
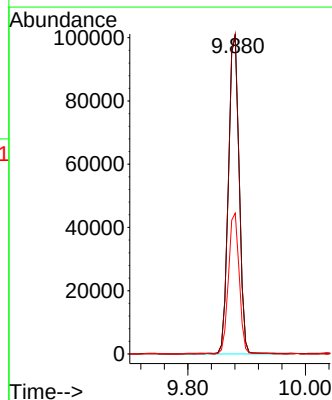
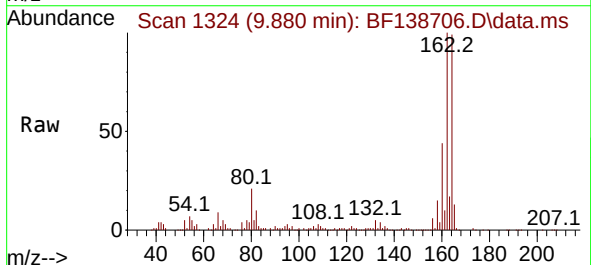
Instrument :
BNA_F
ClientSampleId :
EO-01-072524RE

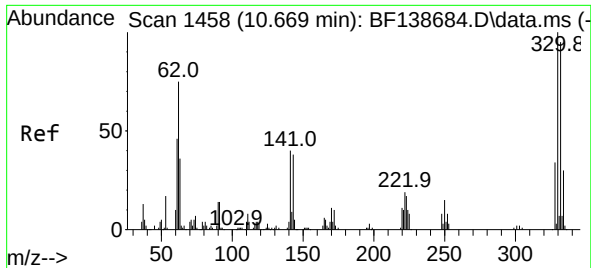
Tgt Ion: 82 Resp: 151295
Ion Ratio Lower Upper
82 100
95 0.2 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

Tgt Ion:164 Resp: 127744
Ion Ratio Lower Upper
164 100
162 100.9 79.4 119.0
160 44.4 35.1 52.7

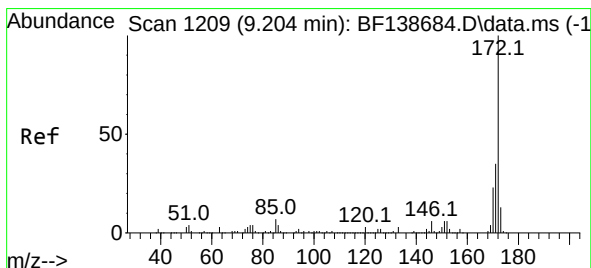
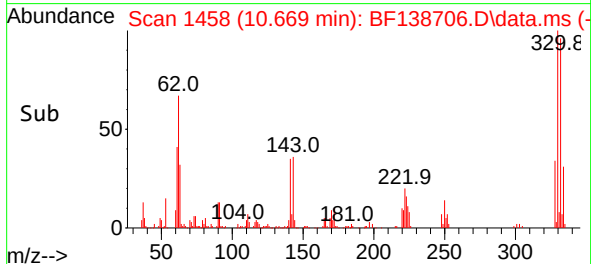
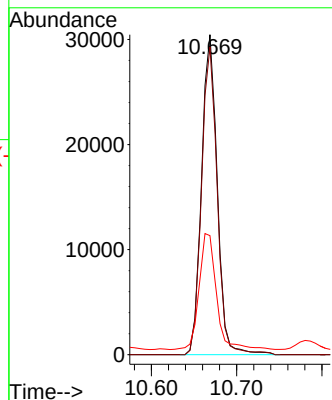
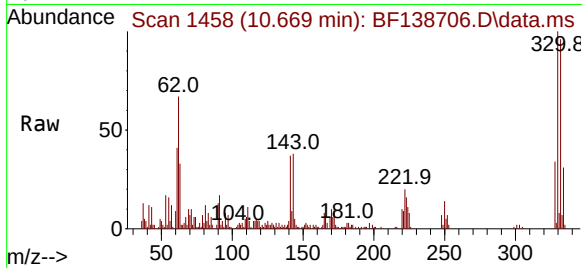




#42
2,4,6-Tribromophenol
Concen: 37.276 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

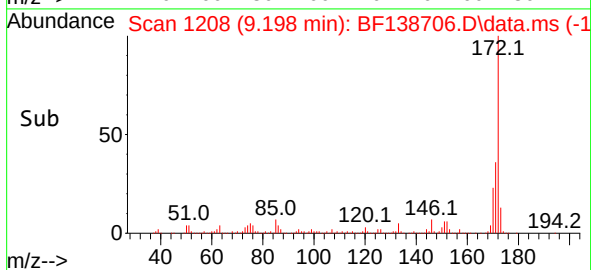
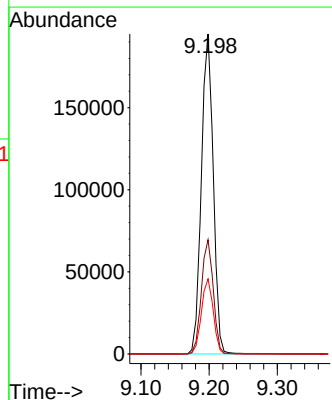
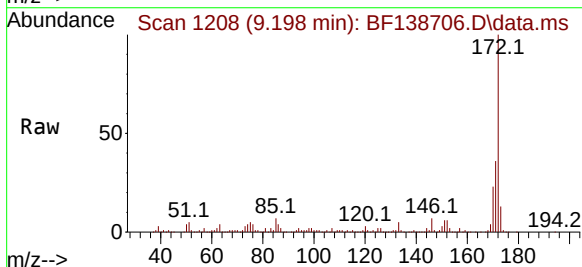
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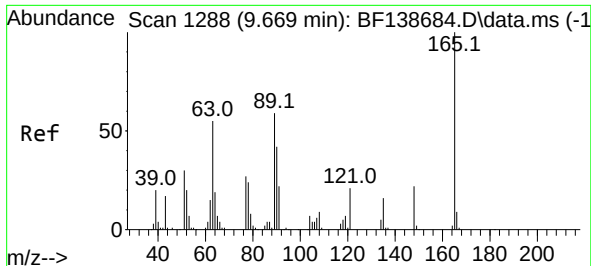
Tgt Ion:330 Resp: 39005
Ion Ratio Lower Upper
330 100
332 95.9 76.4 114.6
141 39.9 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 27.819 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

Tgt Ion:172 Resp: 236517
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.4 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.192 ng

RT: 9.880 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF138706.D

Acq: 31 Jul 2024 17:01

Instrument :

BNA_F

ClientSampleId :

EO-01-072524RE

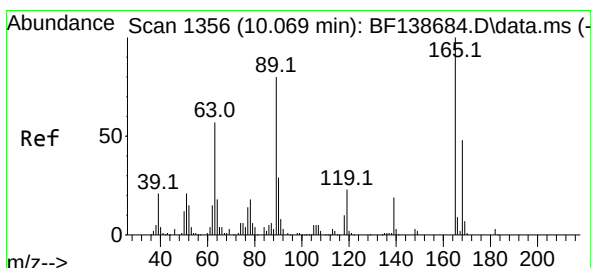
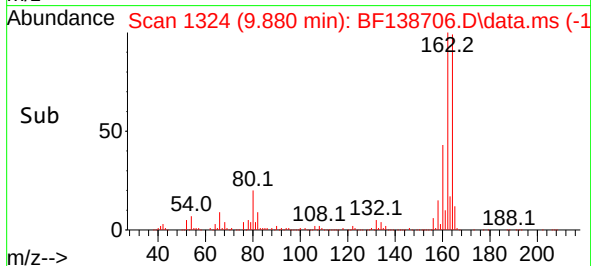
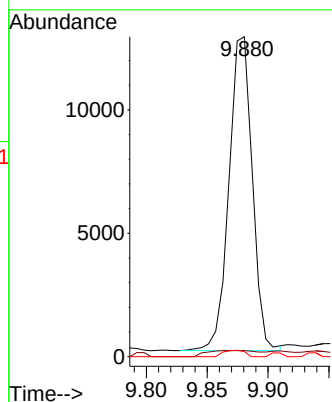
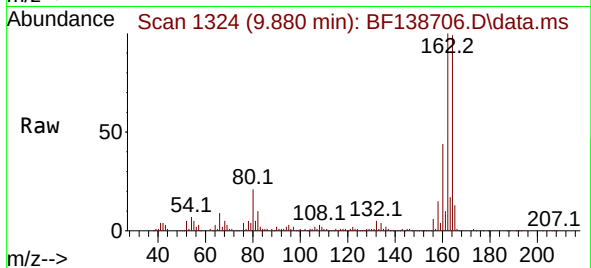
Tgt Ion:165 Resp: 16944

Ion Ratio Lower Upper

165 100

63 1.9 52.0 78.0#

89 1.6 47.0 70.6#



#57

2,4-Dinitrotoluene

Concen: 7.204 ng

RT: 9.880 min Scan# 1324

Delta R.T. -0.188 min

Lab File: BF138706.D

Acq: 31 Jul 2024 17:01

Tgt Ion:165 Resp: 16944

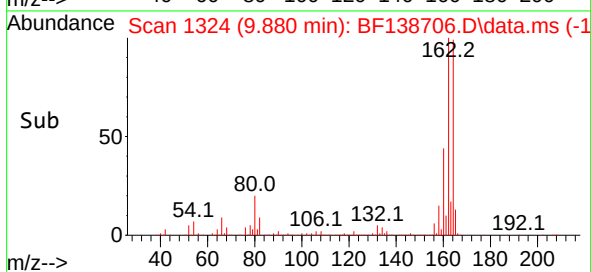
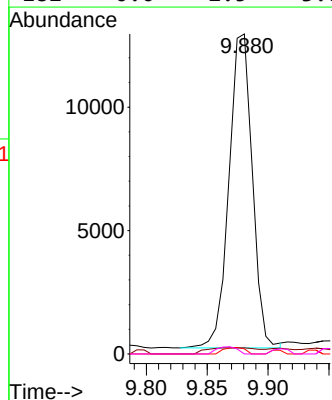
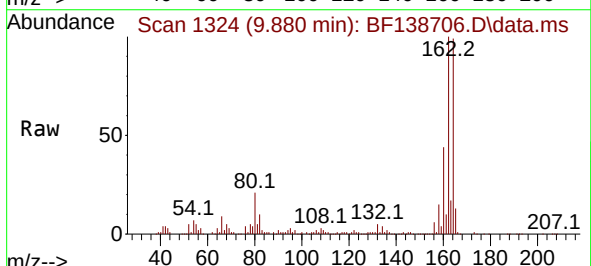
Ion Ratio Lower Upper

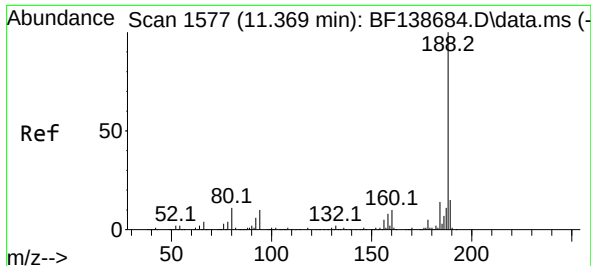
165 100

63 1.9 46.3 69.5#

89 1.6 64.2 96.4#

182 0.0 2.5 3.7#

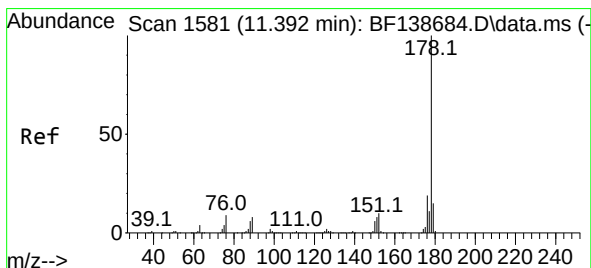
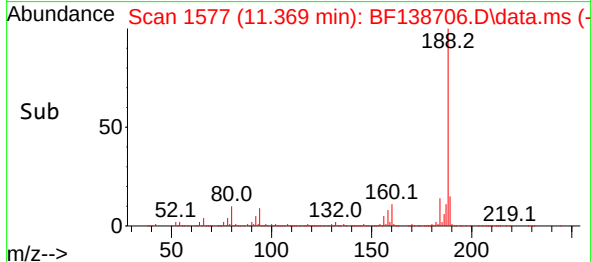
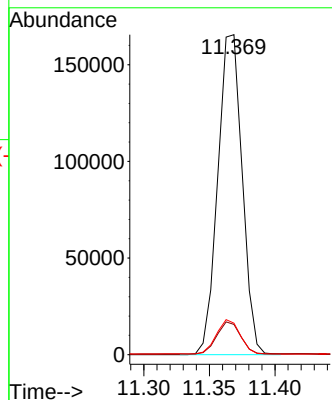
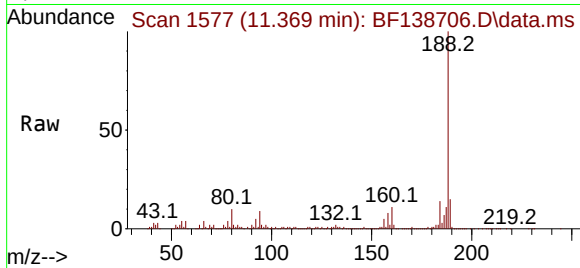




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

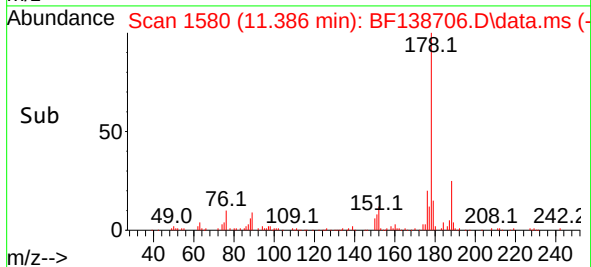
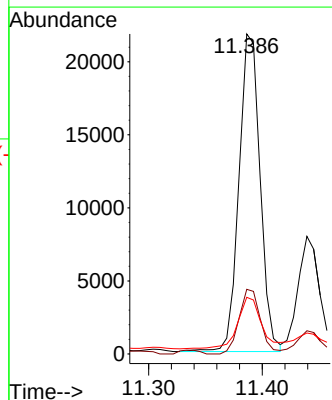
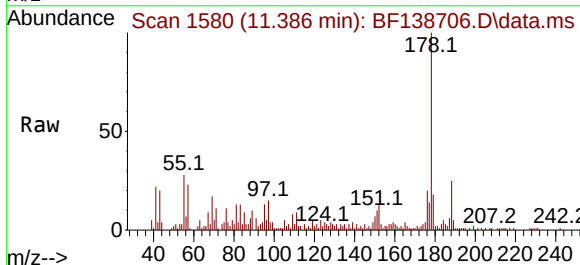
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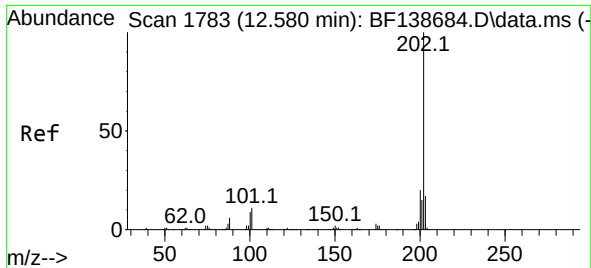
Tgt Ion:188 Resp: 214412
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 9.9 8.6 12.8



#71
Phenanthrene
Concen: 2.550 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

Tgt Ion:178 Resp: 28153
Ion Ratio Lower Upper
178 100
176 20.2 15.4 23.0
179 17.7 12.2 18.2

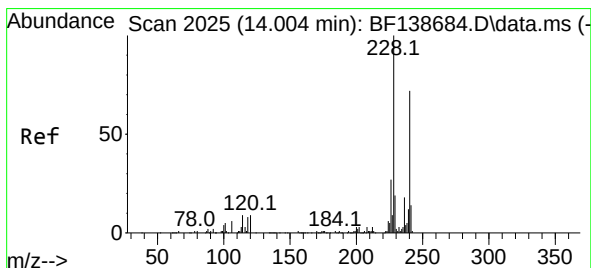
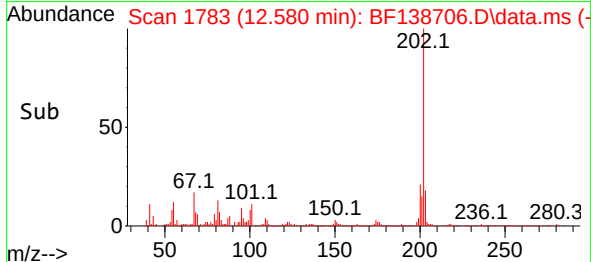
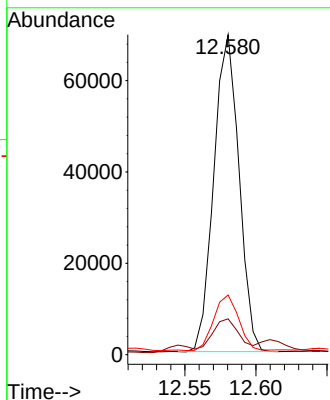
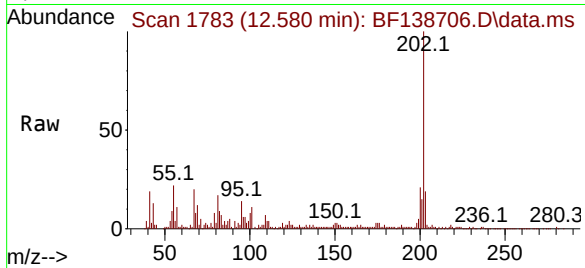




#75
Fluoranthene
Concen: 8.276 ng
RT: 12.580 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

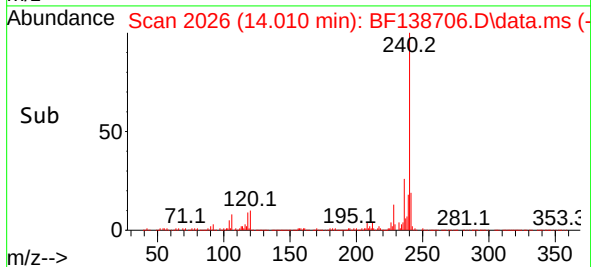
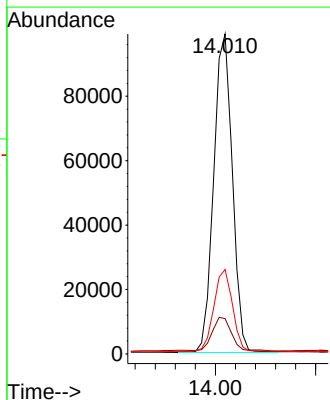
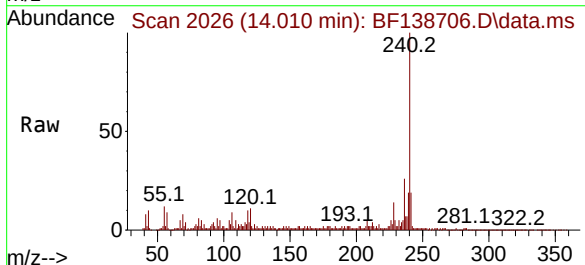
Instrument :
BNA_F
ClientSampleId :
EO-01-072524RE

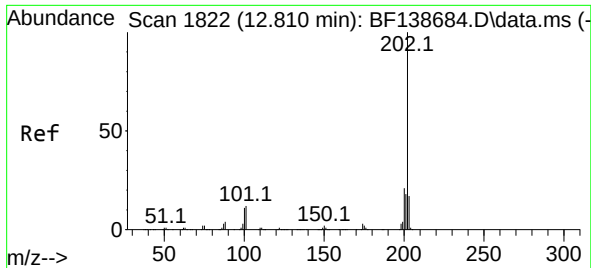
Tgt Ion:	202	Resp:	85301
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	31.2
203	18.7	0.0	37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

Tgt Ion:	240	Resp:	127468
Ion Ratio	Lower	Upper	
240	100		
120	11.1	10.2	15.4
236	26.4	19.8	29.8

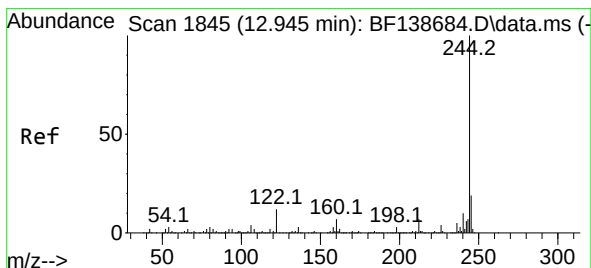
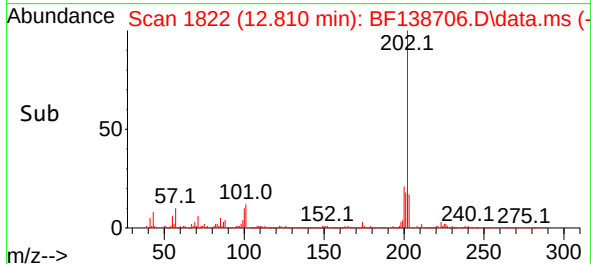
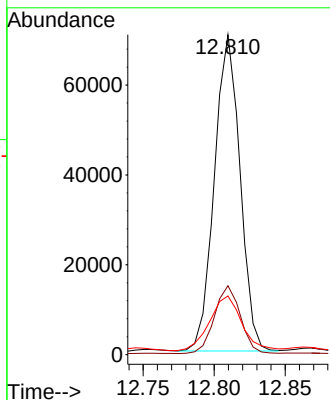
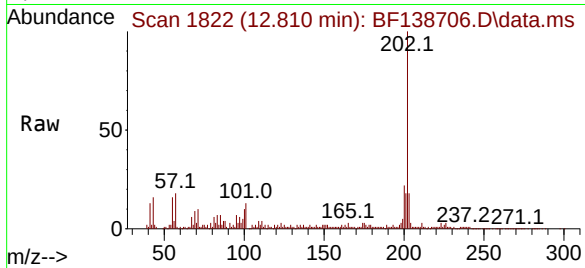




#78
Pyrene
Concen: 7.364 ng
RT: 12.810 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

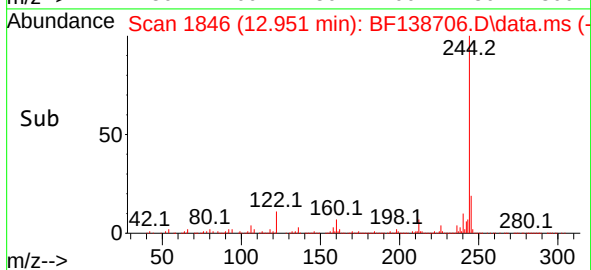
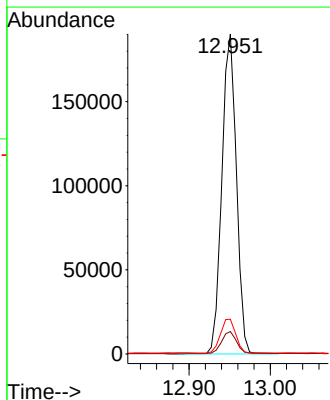
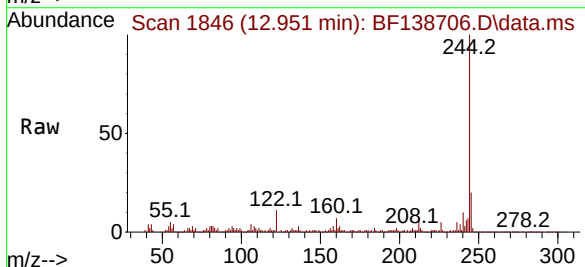
Instrument :
BNA_F
ClientSampleId :
EO-01-072524RE

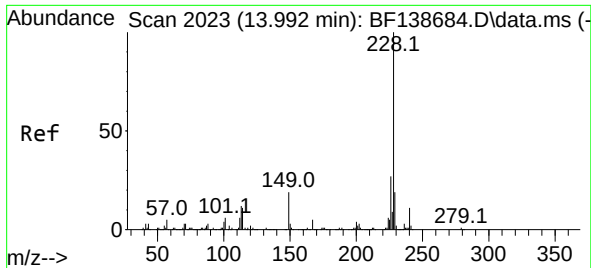
Tgt Ion:	202	Resp:	88384
Ion Ratio	Lower	Upper	
202	100		
200	21.5	16.8	25.2
203	18.3	13.8	20.6



#79
Terphenyl-d14
Concen: 31.187 ng
RT: 12.951 min Scan# 1846
Delta R.T. 0.006 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

Tgt Ion:	244	Resp:	237438
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.2
122	10.8	9.6	14.4

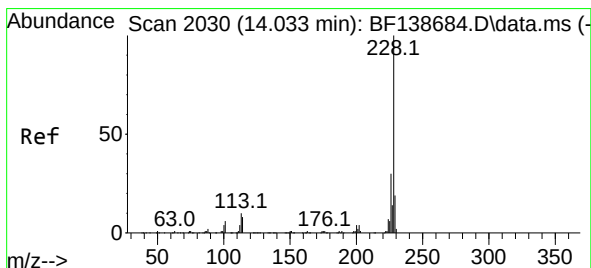
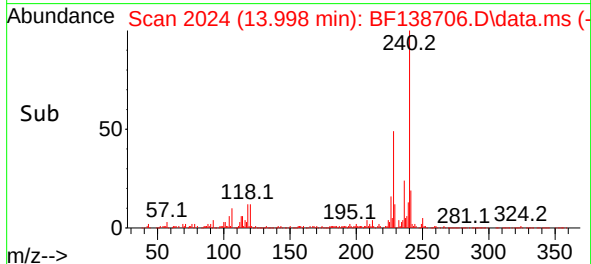
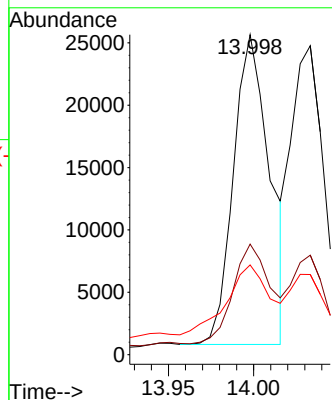
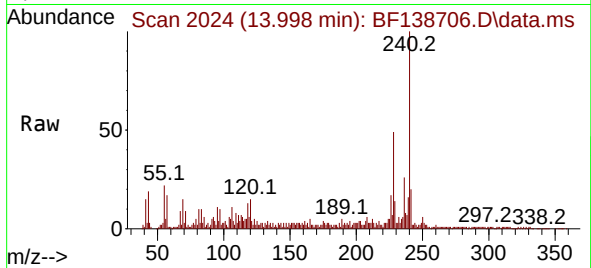




#81
Benzo(a)anthracene
Concen: 4.199 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

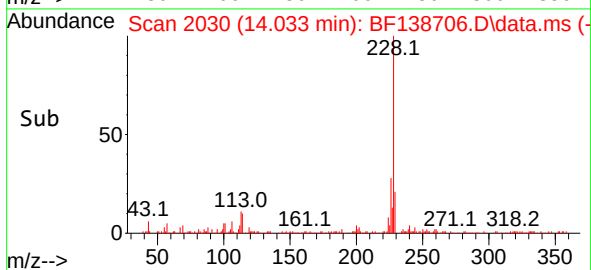
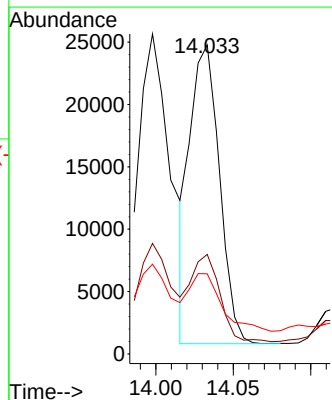
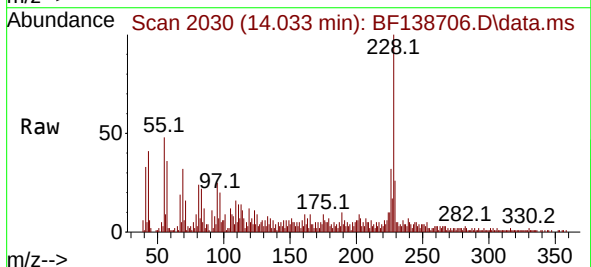
Instrument :
BNA_F
ClientSampleId :
EO-01-072524RE

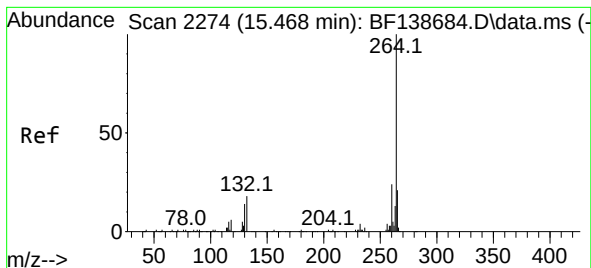
Tgt Ion:228 Resp: 36854
Ion Ratio Lower Upper
228 100
226 34.6 22.1 33.1#
229 28.1 15.4 23.0#



#83
Chrysene
Concen: 4.004 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

Tgt Ion:228 Resp: 31705
Ion Ratio Lower Upper
228 100
226 32.2 23.7 35.5
229 25.9 15.0 22.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138706.D

Acq: 31 Jul 2024 17:01

Instrument :

BNA_F

ClientSampleId :

EO-01-072524RE

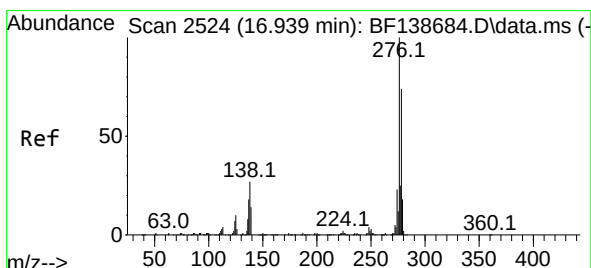
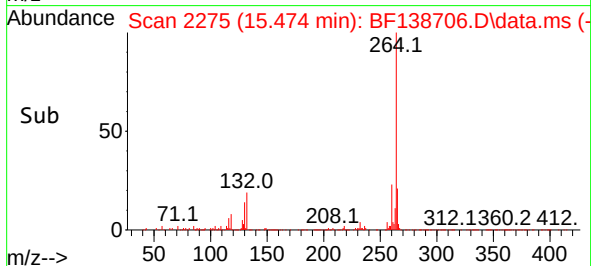
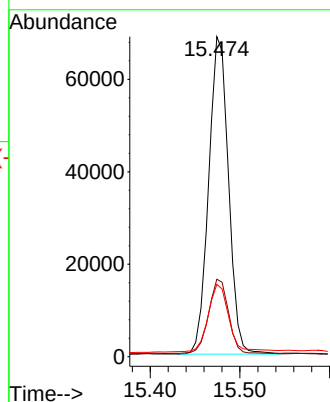
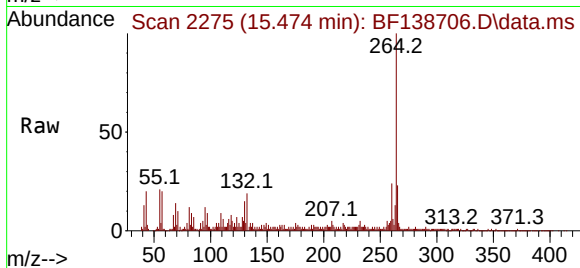
Tgt Ion:264 Resp: 105460

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 22.6 17.0 25.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.301 ng

RT: 16.945 min Scan# 2525

Delta R.T. 0.006 min

Lab File: BF138706.D

Acq: 31 Jul 2024 17:01

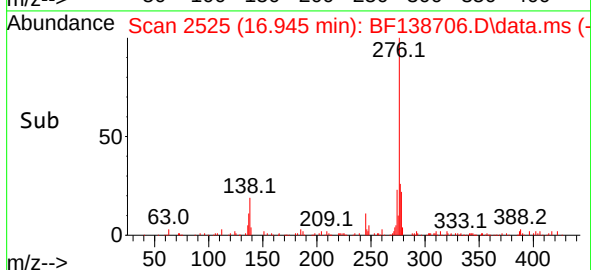
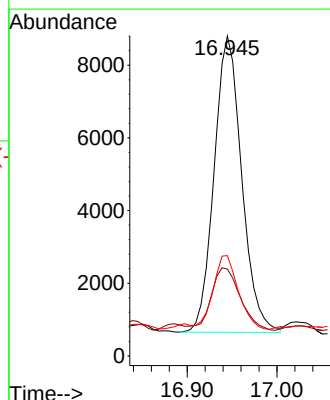
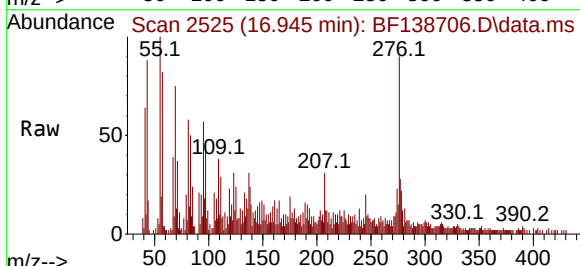
Tgt Ion:276 Resp: 17387

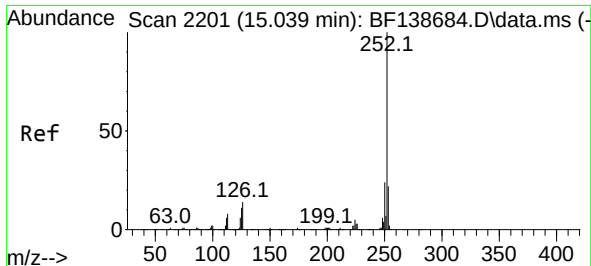
Ion Ratio Lower Upper

276 100

138 22.1 21.8 32.8

277 22.8 20.6 30.8

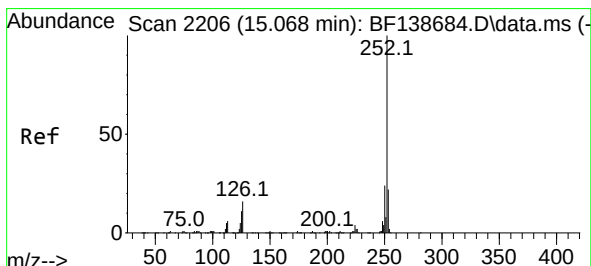
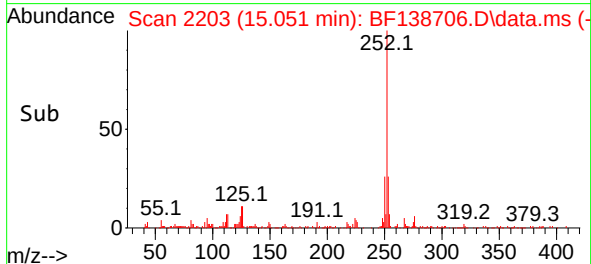
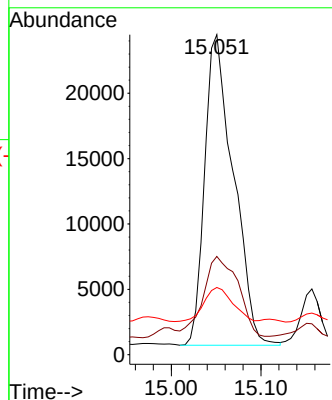
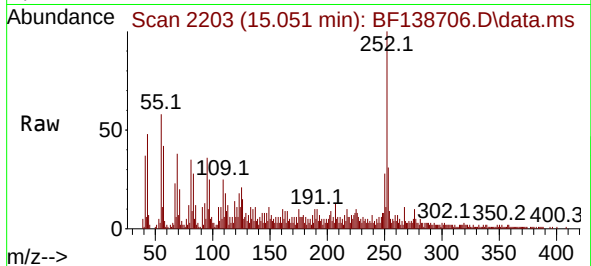




#88
Benzo(b)fluoranthene
Concen: 8.075 ng
RT: 15.051 min Scan# 2201
Delta R.T. 0.012 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

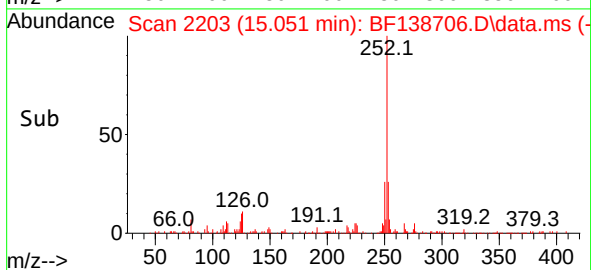
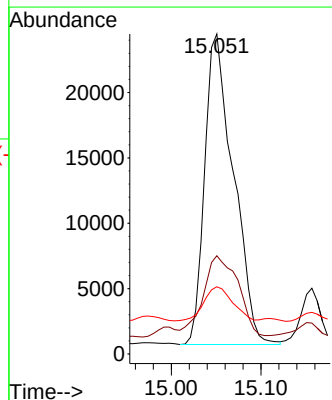
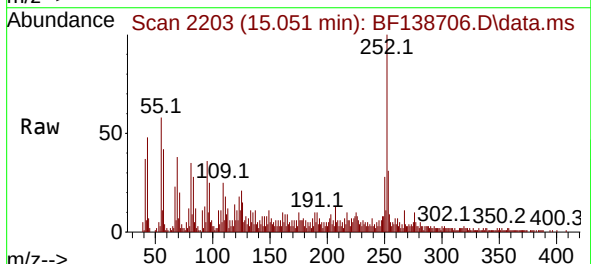
Instrument :
BNA_F
ClientSampleId :
EO-01-072524RE

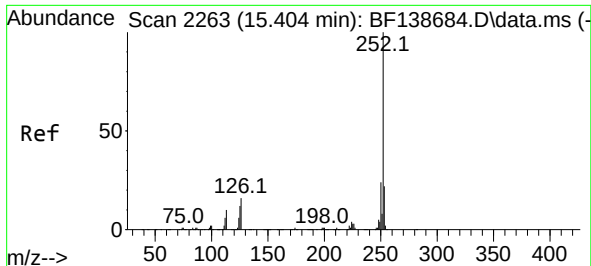
Tgt Ion:252 Resp: 52791
Ion Ratio Lower Upper
252 100
253 30.7 17.5 26.3#
125 21.0 8.9 13.3#



#89
Benzo(k)fluoranthene
Concen: 9.327 ng
RT: 15.051 min Scan# 2203
Delta R.T. -0.018 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

Tgt Ion:252 Resp: 52791
Ion Ratio Lower Upper
252 100
253 30.7 17.4 26.0#
125 21.0 8.6 13.0#

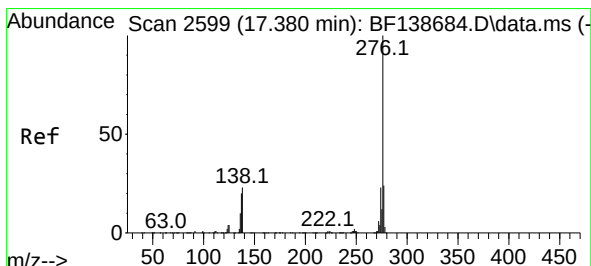
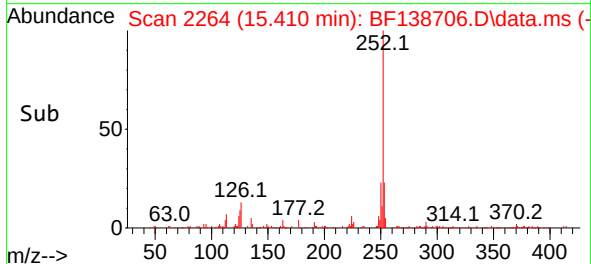
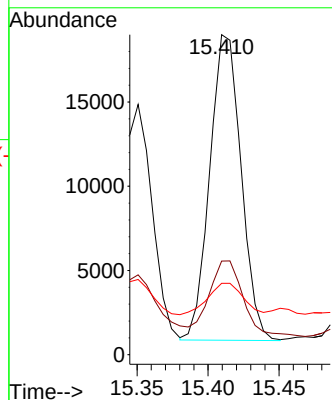
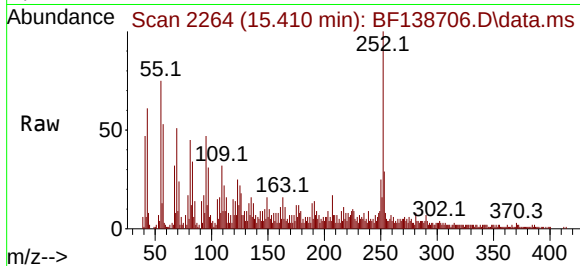




#90
Benzo(a)pyrene
Concen: 5.073 ng
RT: 15.410 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

Instrument :
BNA_F
ClientSampleId :
EO-01-072524RE

Tgt Ion:252 Resp: 27896
Ion Ratio Lower Upper
252 100
253 29.2 17.3 25.9#
125 22.3 9.5 14.3#



#92
Benzo(g,h,i)perylene
Concen: 2.749 ng
RT: 17.392 min Scan# 2601
Delta R.T. 0.012 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

Tgt Ion:276 Resp: 17695
Ion Ratio Lower Upper
276 100
277 30.8 19.0 28.4#
138 30.6 18.5 27.7#

