

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
 Data File : BF140258.D
 Acq On : 06 Nov 2024 15:52
 Operator : RC/JU
 Sample : P4709-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-110424

Quant Time: Nov 06 16:30:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

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

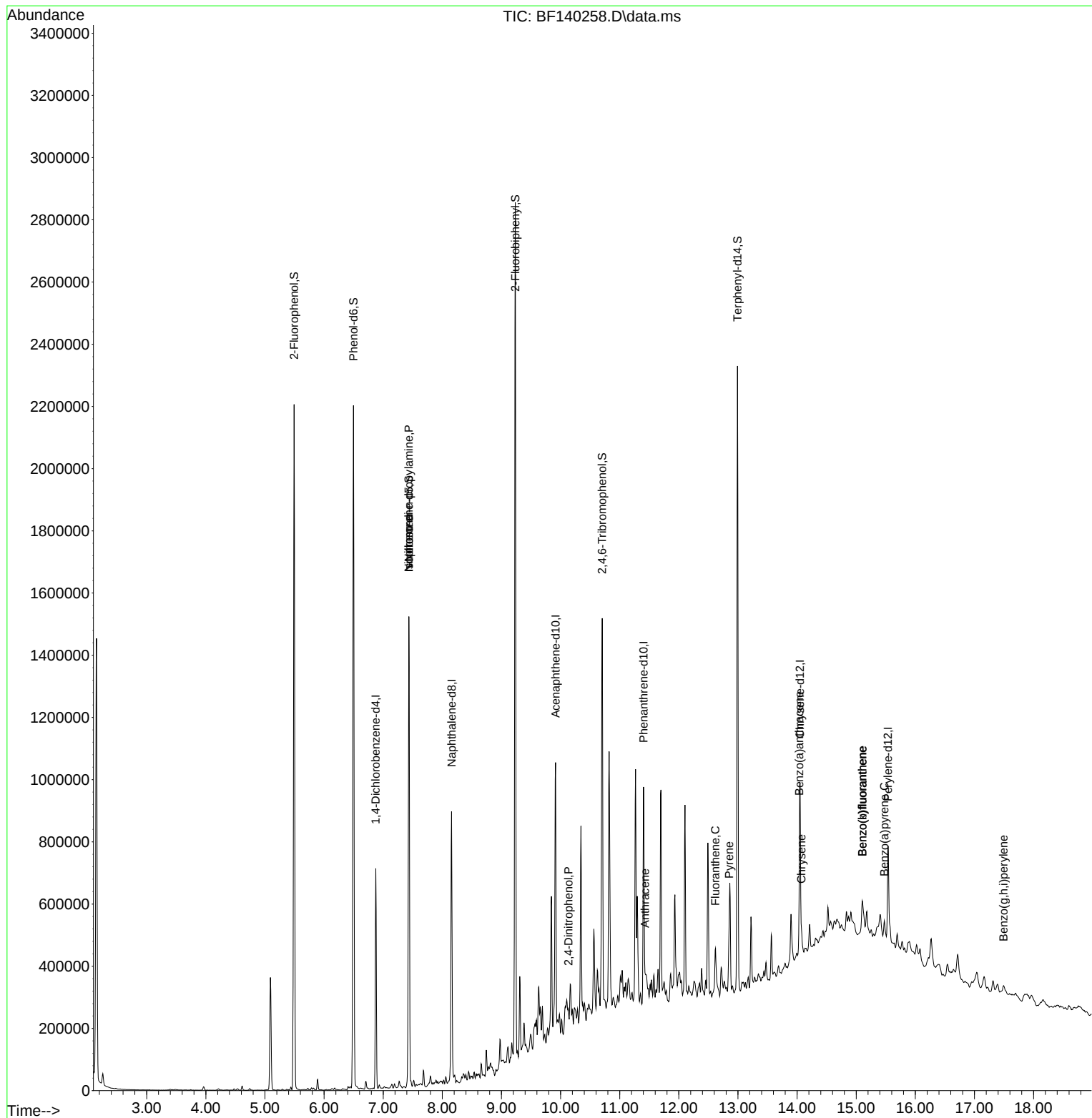
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	139386	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	507748	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	253554	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	353354	20.000	ng	0.00
76) Chrysene-d12	14.051	240	254542	20.000	ng	-0.01
86) Perylene-d12	15.539	264	194033	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	783824	93.192	ng	0.00
7) Phenol-d6	6.498	99	996012	92.066	ng	0.00
23) Nitrobenzene-d5	7.434	82	665028	65.119	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	208798	83.311	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1167343	73.516	ng	0.00
79) Terphenyl-d14	12.992	244	971285	62.508	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	92825	13.450	ng	# 76
25) Isophorone	7.434	82	655779	37.293	ng	# 67
54) 2,4-Dinitrophenol	10.133	184	119	6.192	ng	# 1
72) Anthracene	11.427	178	33421	2.021	ng	97
75) Fluoranthene	12.616	202	82480	4.678	ng	99
78) Pyrene	12.851	202	86643	4.123	ng	97
81) Benzo(a)anthracene	14.039	228	53118	3.252	ng	# 91
83) Chrysene	14.074	228	42989	2.810	ng	# 92
88) Benzo(b)fluoranthene	15.104	252	68937	5.874	ng	# 82
89) Benzo(k)fluoranthene	15.104	252	68937	6.401	ng	# 82
90) Benzo(a)pyrene	15.474	252	32847	3.394	ng	# 78
92) Benzo(g,h,i)perylene	17.492	276	21789	2.279	ng	# 89

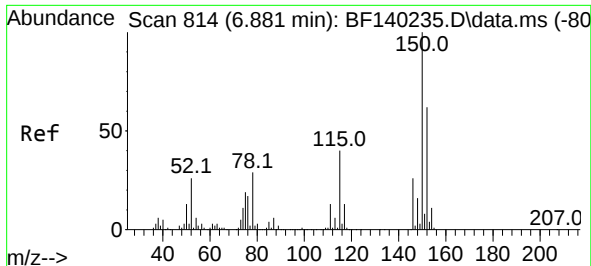
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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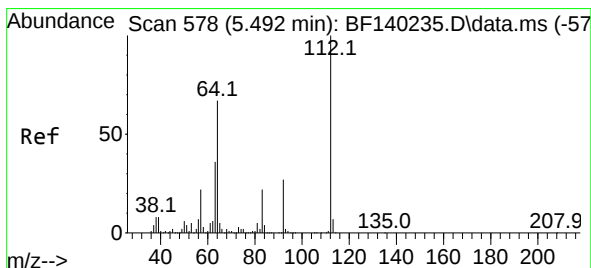
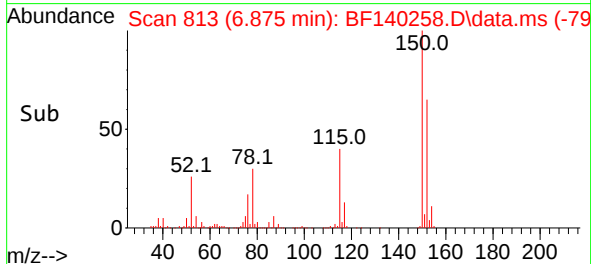
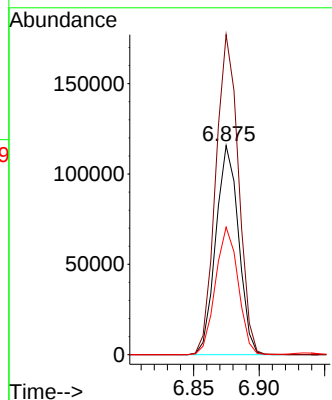
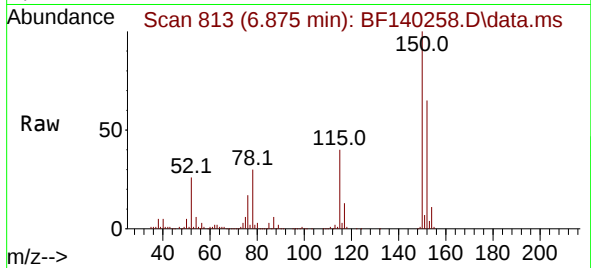




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140258.D
Acq: 06 Nov 2024 15:52

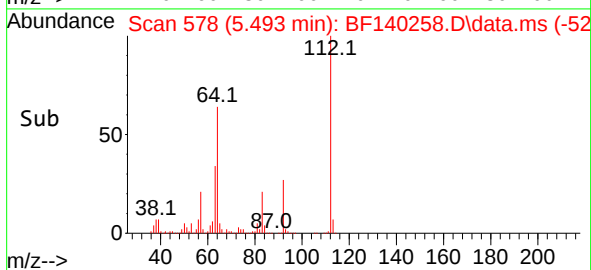
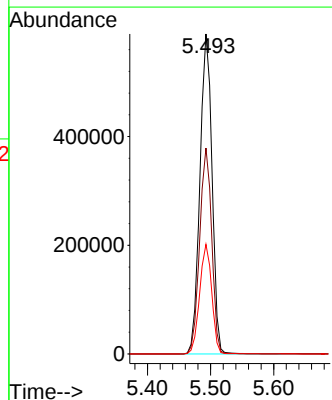
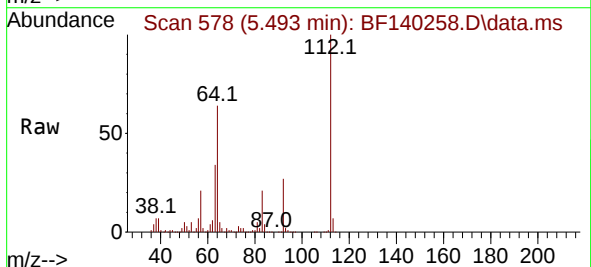
Instrument :
BNA_F
ClientSampleId :
HR-03-110424

Tgt Ion:152 Resp: 139386
Ion Ratio Lower Upper
152 100
150 153.0 129.4 194.2
115 61.0 51.5 77.3



#5
2-Fluorophenol
Concen: 93.192 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF140258.D
Acq: 06 Nov 2024 15:52

Tgt Ion:112 Resp: 783824
Ion Ratio Lower Upper
112 100
64 64.3 53.4 80.2
63 34.2 28.9 43.3

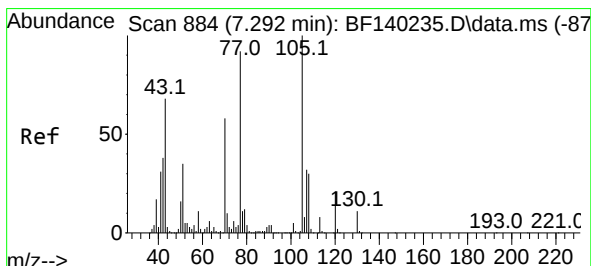
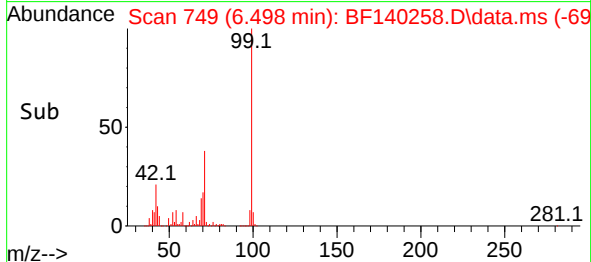
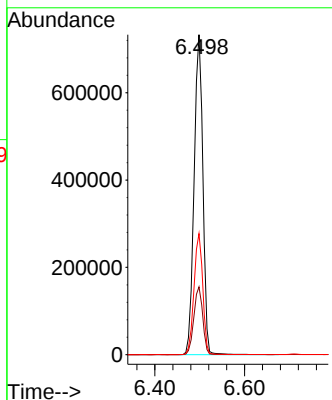
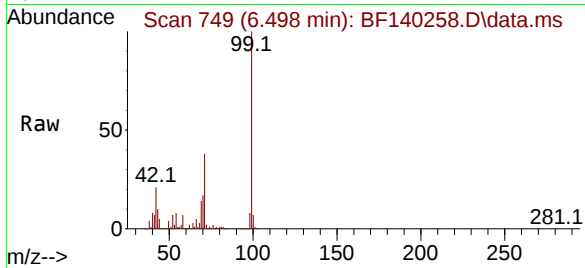




#7
Phenol-d6
Concen: 92.066 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF140258.D
Acq: 06 Nov 2024 15:52

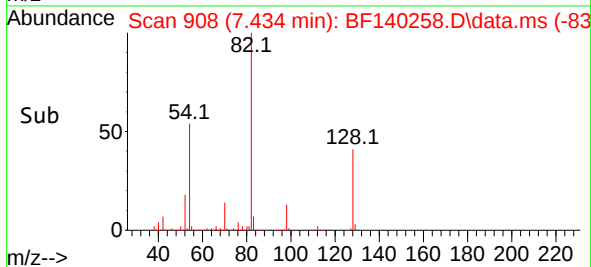
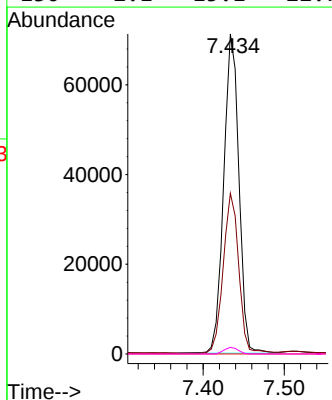
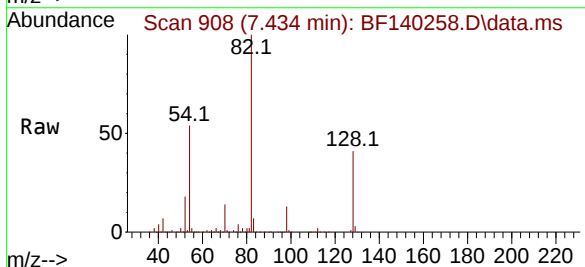
Instrument :
BNA_F
ClientSampleId :
HR-03-110424

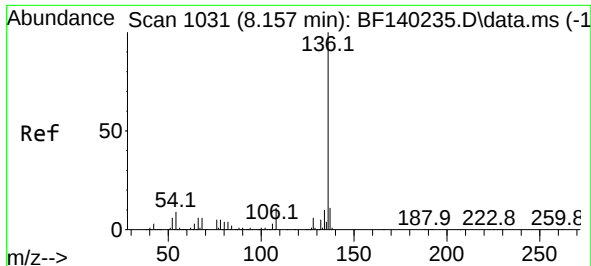
Tgt Ion: 99 Resp: 996012
Ion Ratio Lower Upper
99 100
42 21.2 18.2 27.2
71 37.9 30.9 46.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.450 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140258.D
Acq: 06 Nov 2024 15:52

Tgt Ion: 70 Resp: 92825
Ion Ratio Lower Upper
70 100
42 50.2 52.8 79.2#
101 0.0 7.4 11.2#
130 2.1 15.1 22.7#



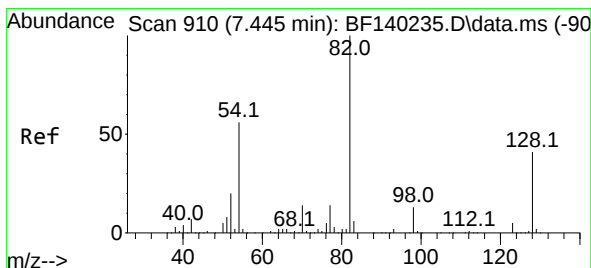
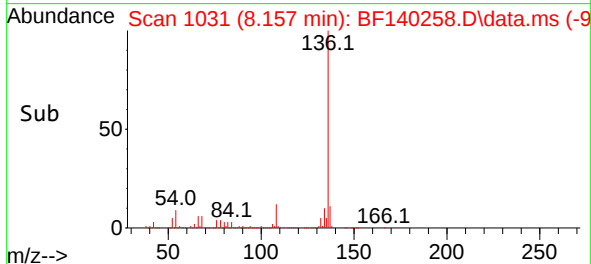
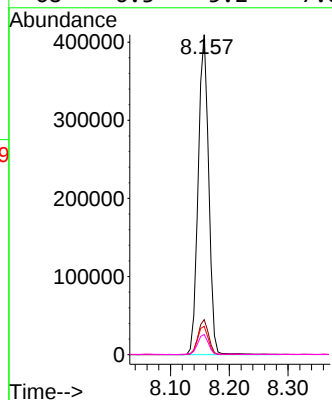
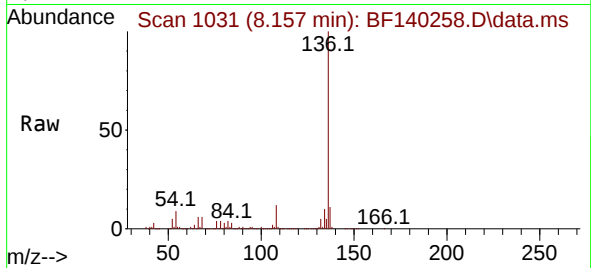


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140258.D
Acq: 06 Nov 2024 15:52

Instrument :
BNA_F
ClientSampleId :
HR-03-110424

Tgt Ion:136 Resp: 507748

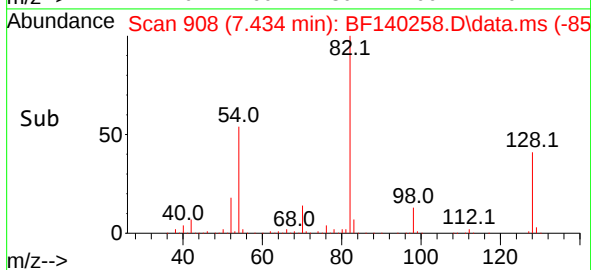
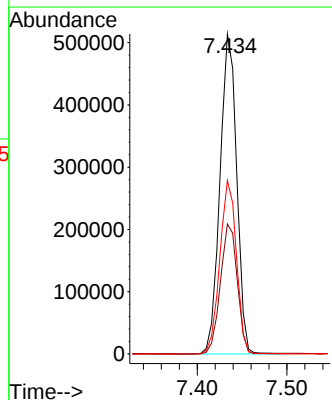
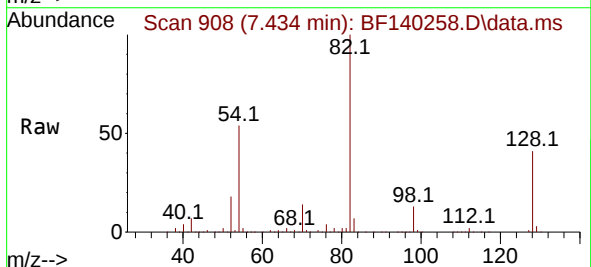
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	8.9	7.7	11.5
68	6.3	5.2	7.8

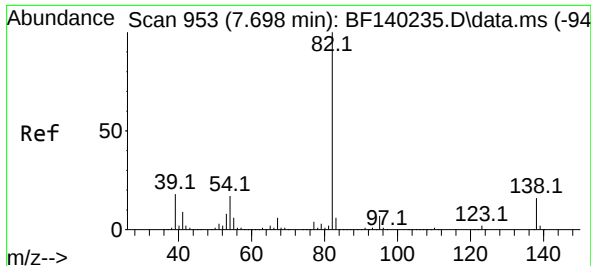


#23
Nitrobenzene-d5
Concen: 65.119 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF140258.D
Acq: 06 Nov 2024 15:52

Tgt Ion: 82 Resp: 665028

Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.8	49.2
54	54.2	44.3	66.5

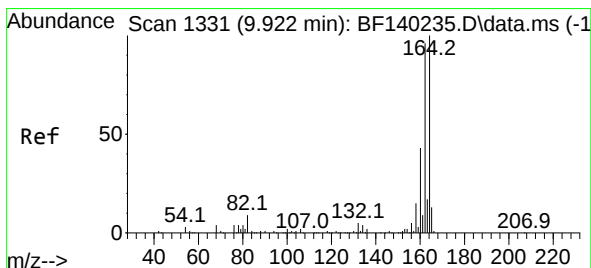
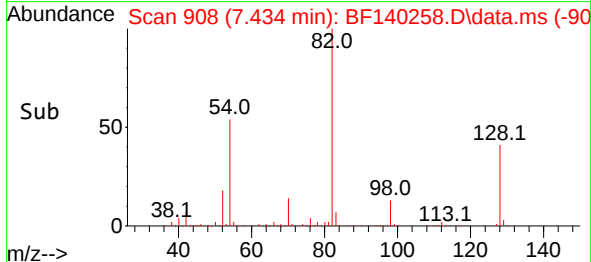
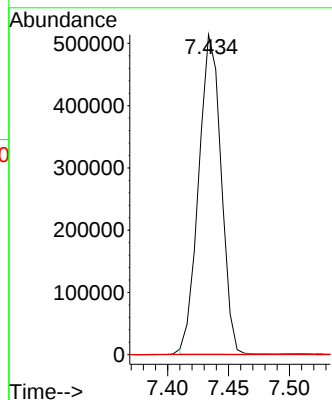
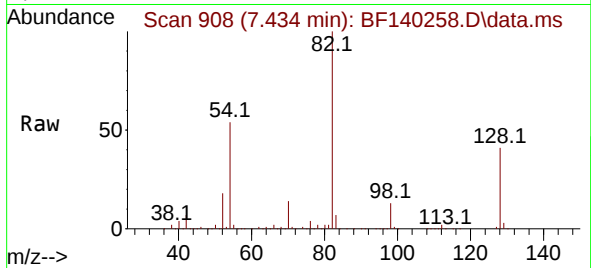




#25
Isophorone
Concen: 37.293 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140258.D
Acq: 06 Nov 2024 15:52

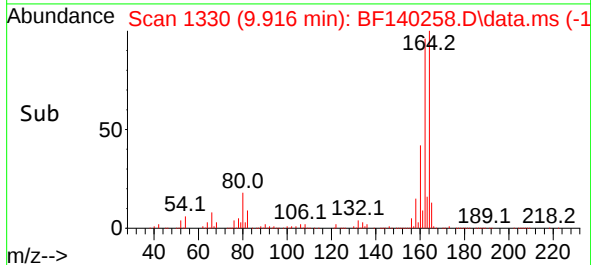
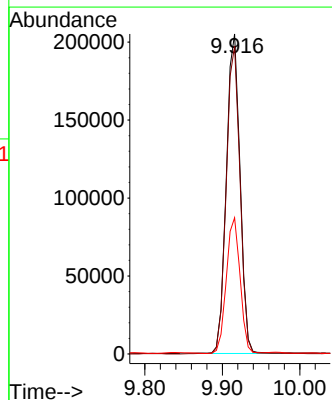
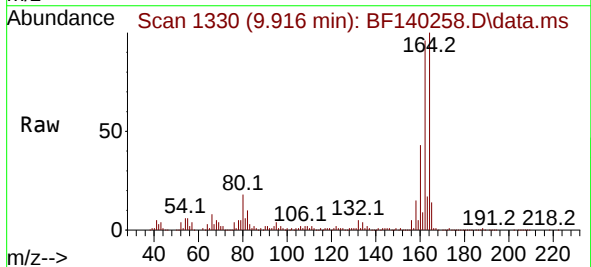
Instrument :
BNA_F
ClientSampleId :
HR-03-110424

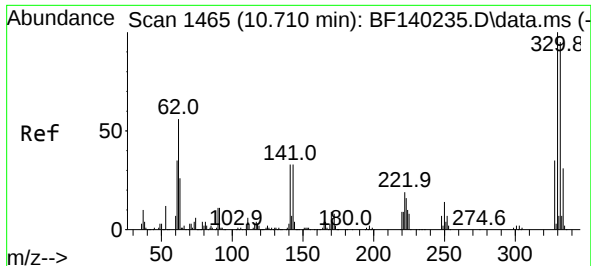
Tgt Ion: 82 Resp: 655779
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 12.9 19.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF140258.D
Acq: 06 Nov 2024 15:52

Tgt Ion:164 Resp: 253554
Ion Ratio Lower Upper
164 100
162 96.3 77.0 115.4
160 42.5 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 83.311 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF140258.D

Acq: 06 Nov 2024 15:52

Instrument :

BNA_F

ClientSampleId :

HR-03-110424

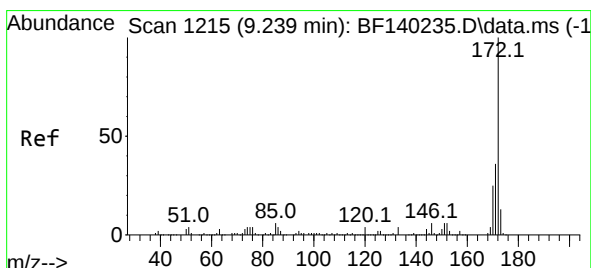
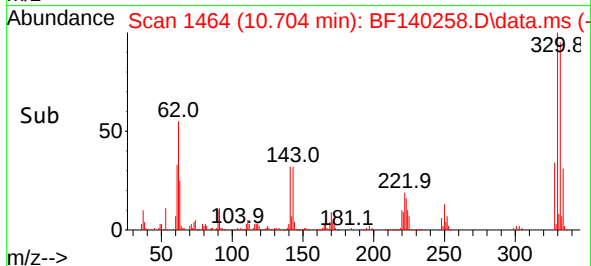
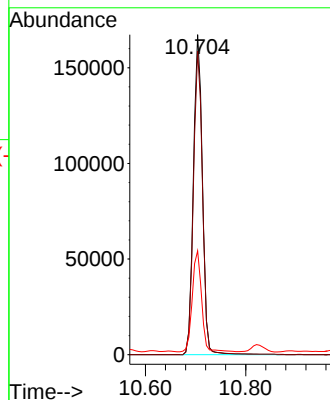
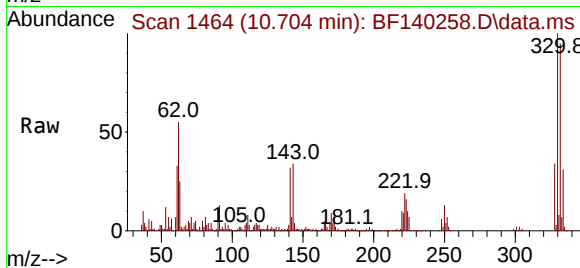
Tgt Ion:330 Resp: 208798

Ion Ratio Lower Upper

330 100

332 95.2 76.4 114.6

141 32.6 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 73.516 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF140258.D

Acq: 06 Nov 2024 15:52

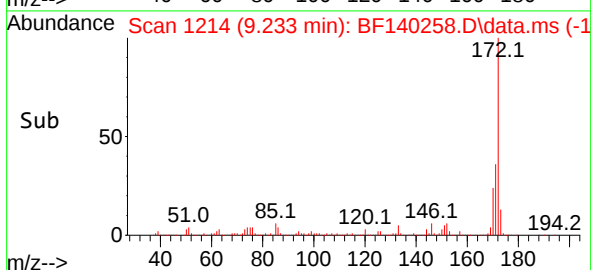
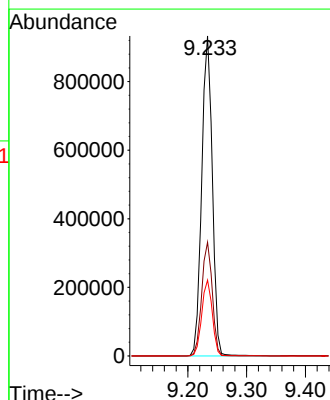
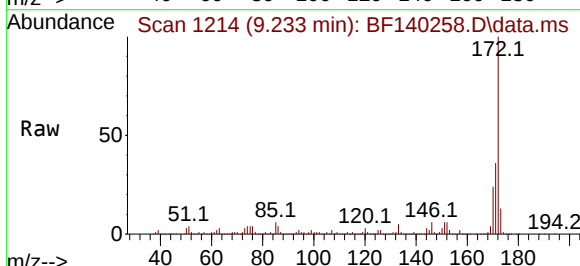
Tgt Ion:172 Resp: 1167343

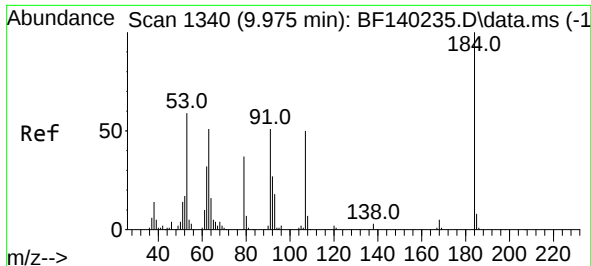
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.7 19.6 29.4

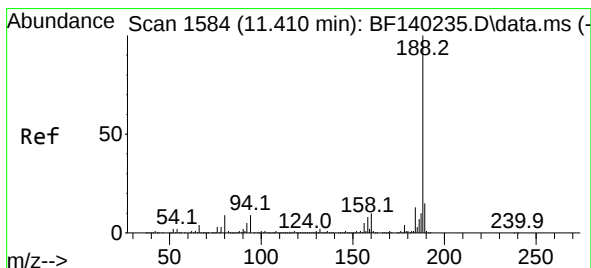
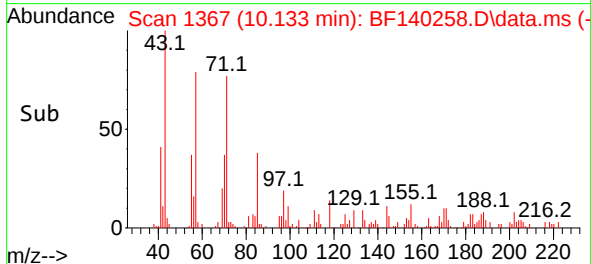
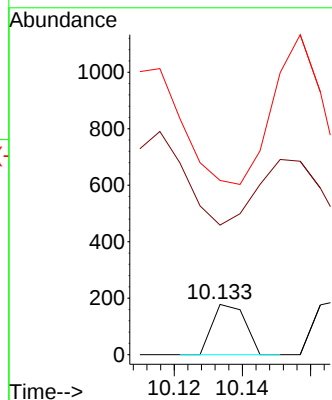
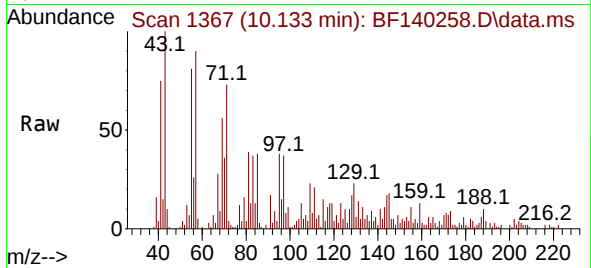




#54
2,4-Dinitrophenol
Concen: 6.192 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.158 min
Lab File: BF140258.D
Acq: 06 Nov 2024 15:52

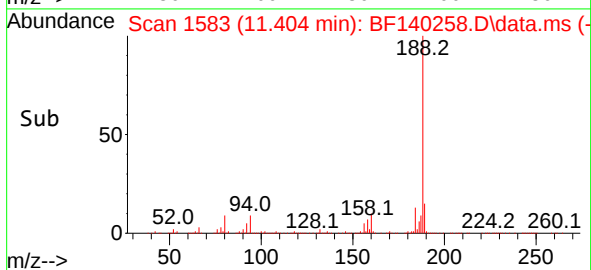
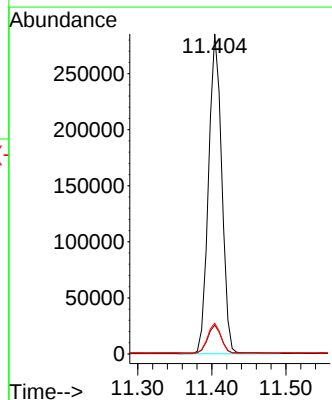
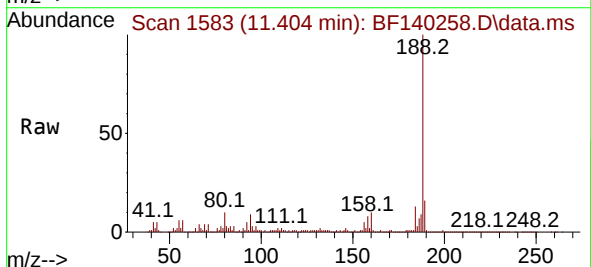
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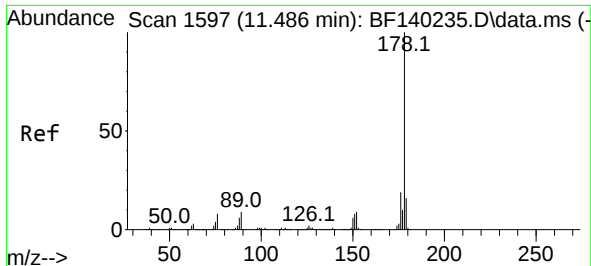
Tgt Ion:184 Resp: 119
Ion Ratio Lower Upper
184 100
63 257.9 60.1 90.1#
154 346.6 66.3 99.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF140258.D
Acq: 06 Nov 2024 15:52

Tgt Ion:188 Resp: 353354
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 9.6 7.5 11.3

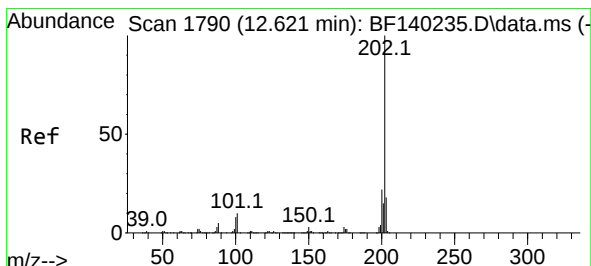
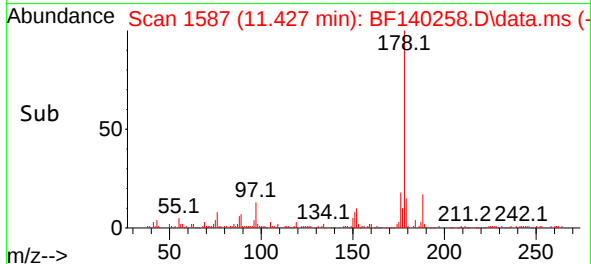
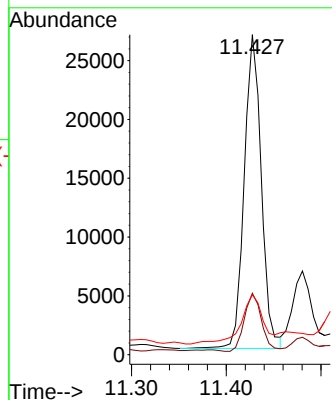
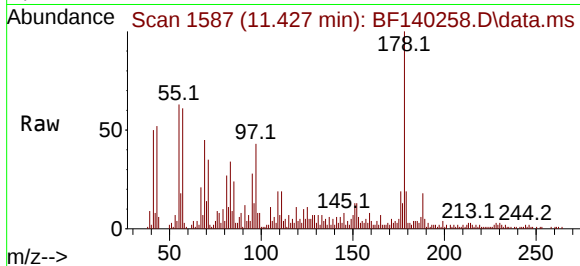




#72
 Anthracene
 Concen: 2.021 ng
 RT: 11.427 min Scan# 11
 Delta R.T. -0.059 min
 Lab File: BF140258.D
 Acq: 06 Nov 2024 15:52

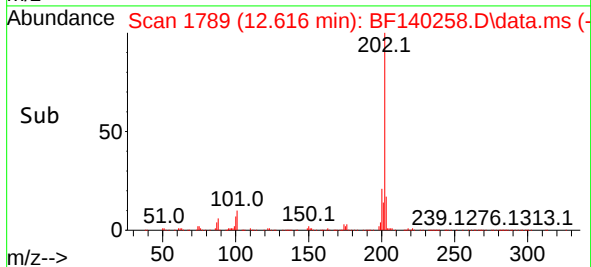
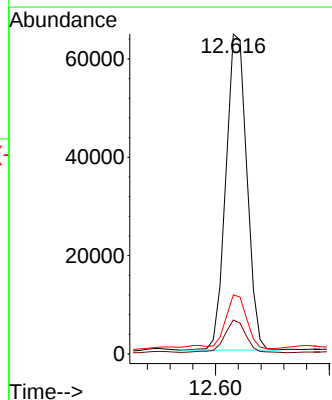
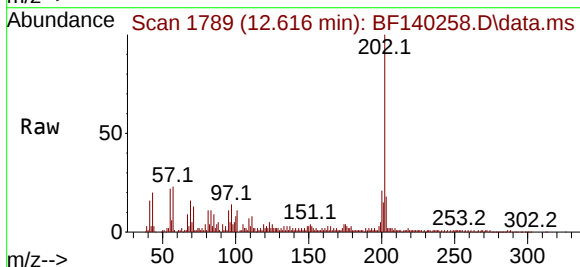
Instrument :
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 HR-03-110424

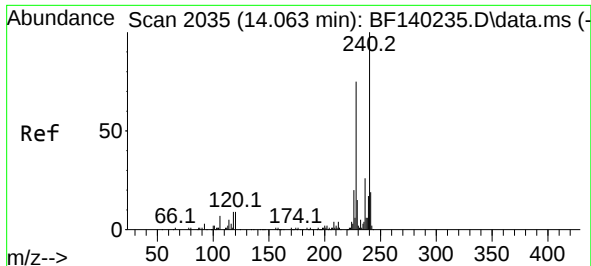
Tgt Ion:178 Resp: 33421
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 18.7 12.7 19.1



#75
 Fluoranthene
 Concen: 4.678 ng
 RT: 12.616 min Scan# 1789
 Delta R.T. -0.006 min
 Lab File: BF140258.D
 Acq: 06 Nov 2024 15:52

Tgt Ion:202 Resp: 82480
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 30.4
 203 18.4 0.0 38.0

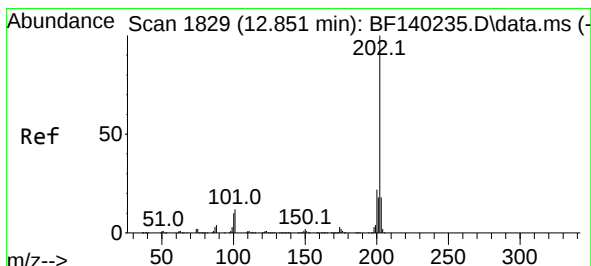
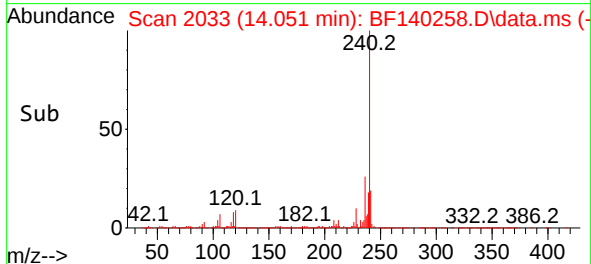
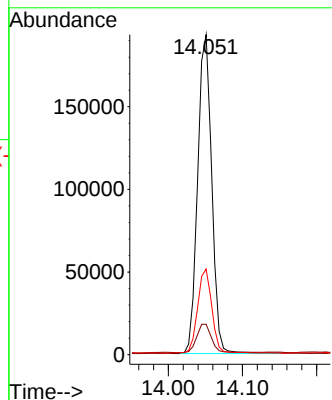
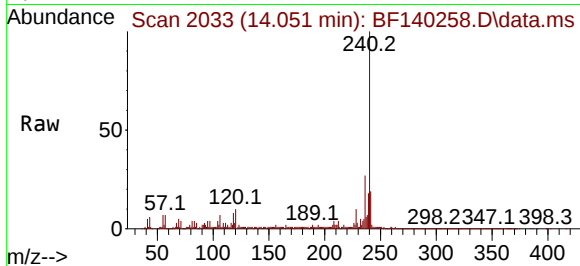




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF140258.D
Acq: 06 Nov 2024 15:52

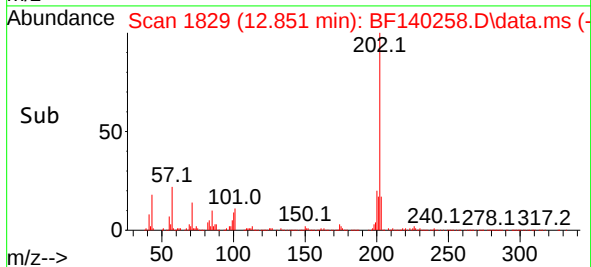
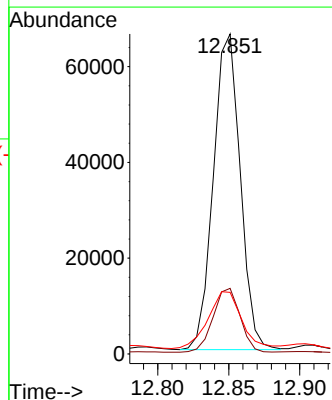
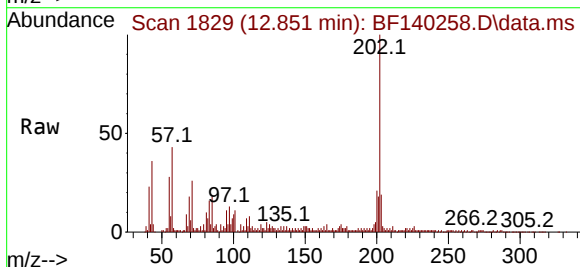
Instrument :
BNA_F
ClientSampleId :
HR-03-110424

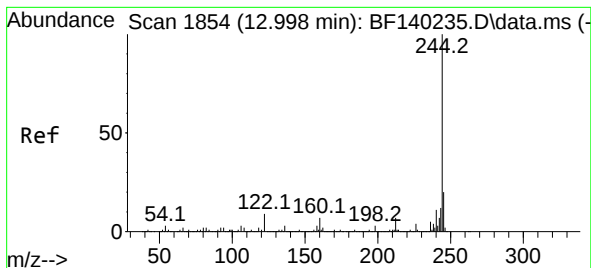
Tgt Ion:240 Resp: 254542
Ion Ratio Lower Upper
240 100
120 9.5 7.5 11.3
236 26.7 20.9 31.3



#78
Pyrene
Concen: 4.123 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BF140258.D
Acq: 06 Nov 2024 15:52

Tgt Ion:202 Resp: 86643
Ion Ratio Lower Upper
202 100
200 20.5 17.5 26.3
203 19.2 14.4 21.6





#79

Terphenyl-d14

Concen: 62.508 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF140258.D

Acq: 06 Nov 2024 15:52

Instrument :

BNA_F

ClientSampleId :

HR-03-110424

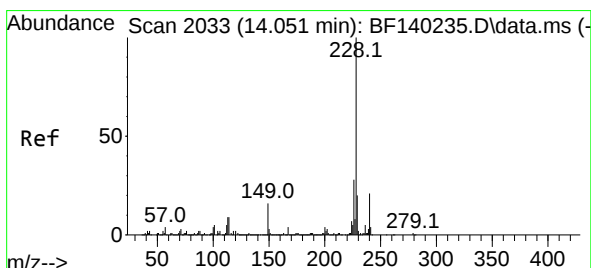
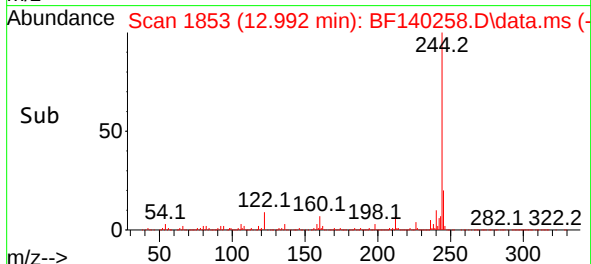
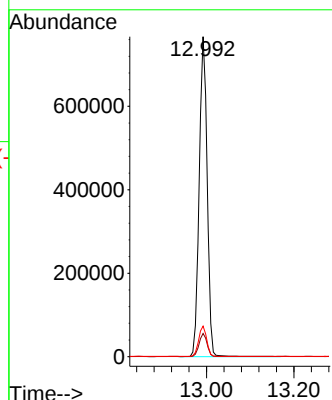
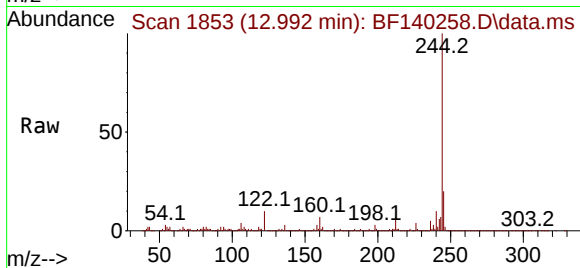
Tgt Ion:244 Resp: 971285

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 9.6 7.6 11.4



#81

Benzo(a)anthracene

Concen: 3.252 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF140258.D

Acq: 06 Nov 2024 15:52

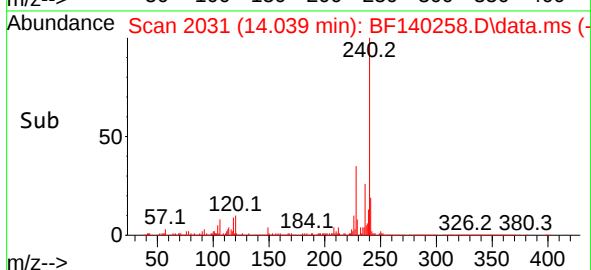
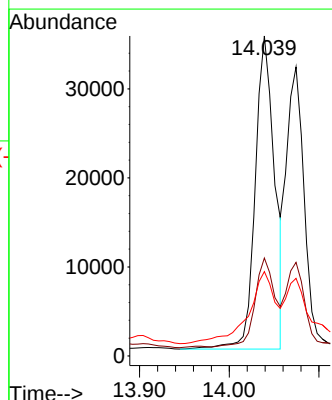
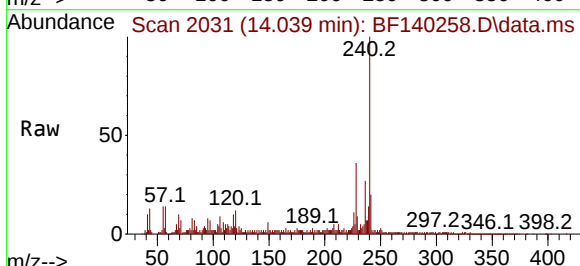
Tgt Ion:228 Resp: 53118

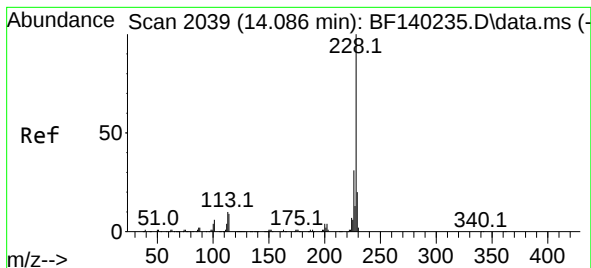
Ion Ratio Lower Upper

228 100

226 30.6 22.3 33.5

229 26.3 16.1 24.1#





#83

Chrysene

Concen: 2.810 ng

RT: 14.074 min Scan# 2039

Delta R.T. -0.012 min

Lab File: BF140258.D

Acq: 06 Nov 2024 15:52

Instrument :

BNA_F

ClientSampleId :

HR-03-110424

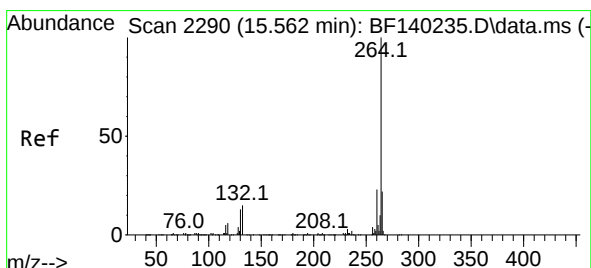
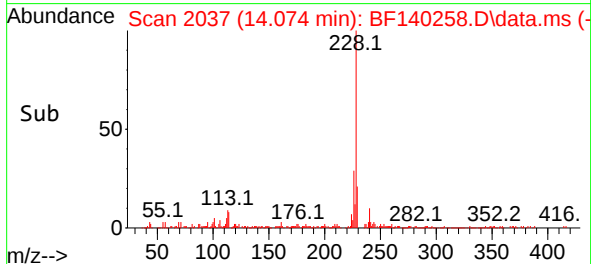
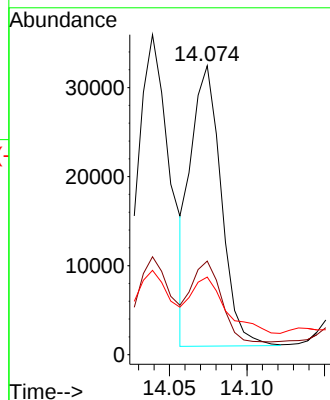
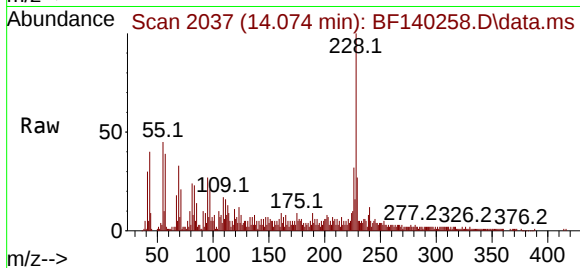
Tgt Ion:228 Resp: 42989

Ion Ratio Lower Upper

228 100

226 32.4 24.6 36.8

229 26.8 16.1 24.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. -0.023 min

Lab File: BF140258.D

Acq: 06 Nov 2024 15:52

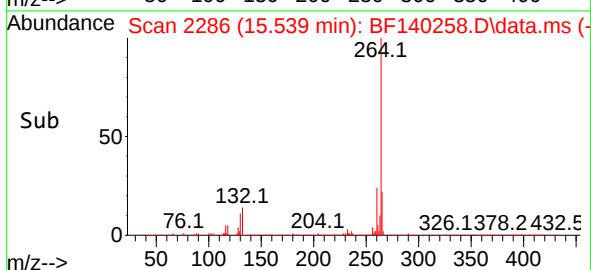
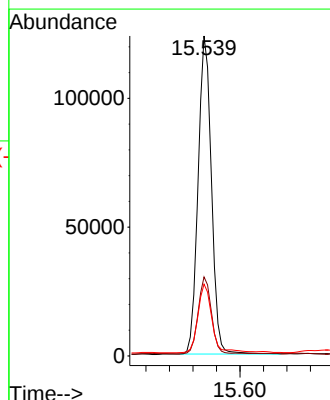
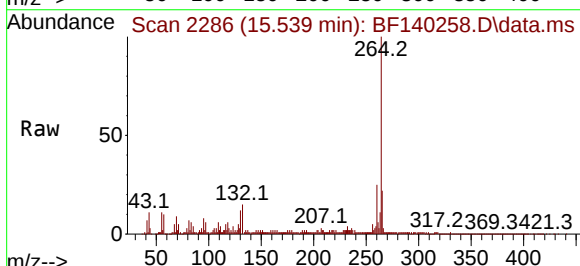
Tgt Ion:264 Resp: 194033

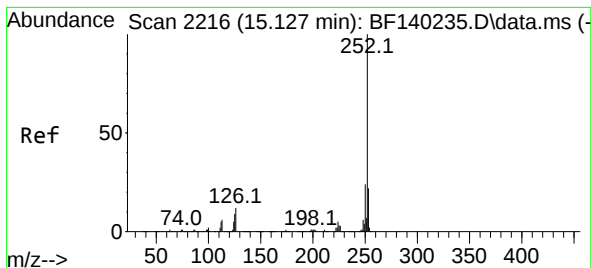
Ion Ratio Lower Upper

264 100

260 24.7 18.8 28.2

265 22.5 17.3 25.9





#88

Benzo(b)fluoranthene

Concen: 5.874 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF140258.D

Acq: 06 Nov 2024 15:52

Instrument :

BNA_F

ClientSampleId :

HR-03-110424

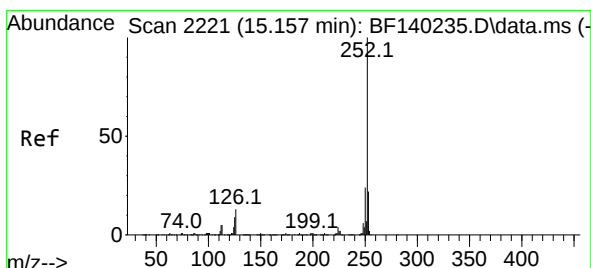
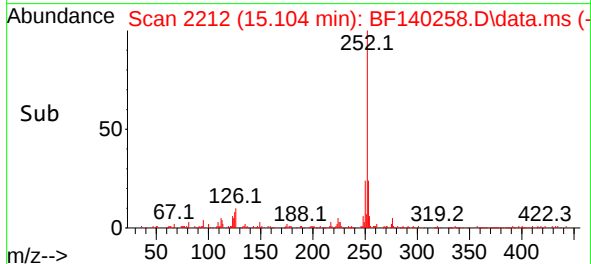
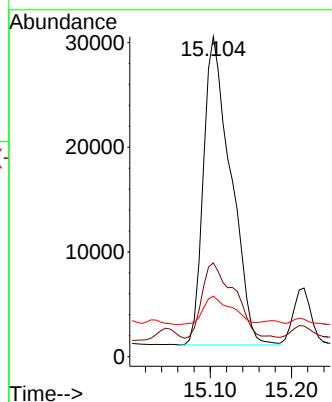
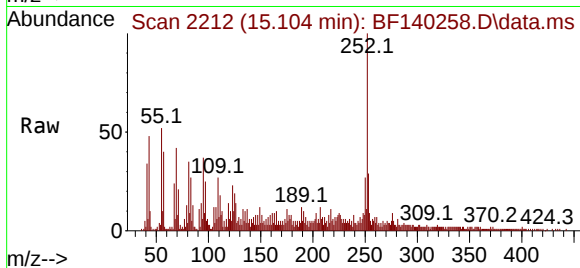
Tgt Ion:252 Resp: 68937

Ion Ratio Lower Upper

252 100

253 29.3 17.9 26.9#

125 18.9 7.0 10.6#



#89

Benzo(k)fluoranthene

Concen: 6.401 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.053 min

Lab File: BF140258.D

Acq: 06 Nov 2024 15:52

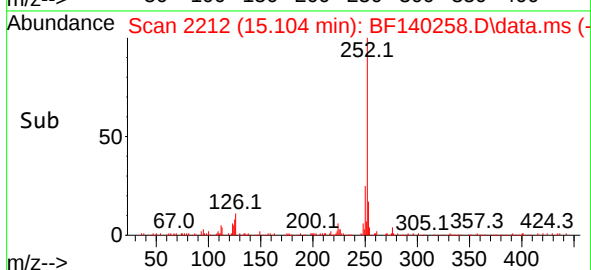
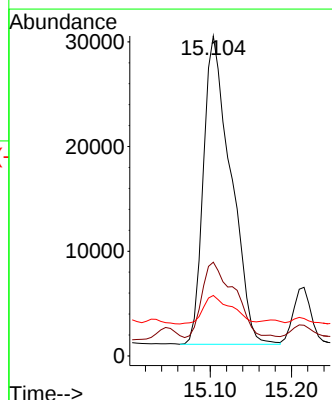
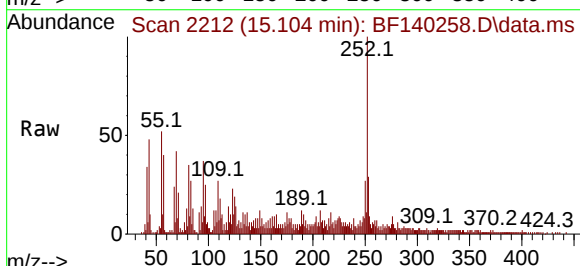
Tgt Ion:252 Resp: 68937

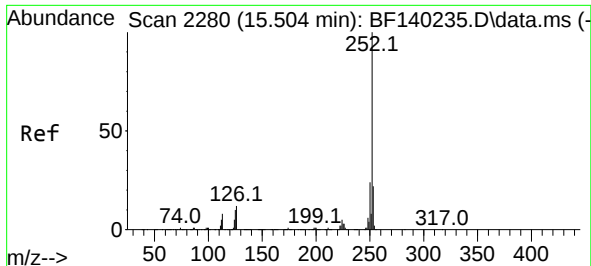
Ion Ratio Lower Upper

252 100

253 29.3 17.8 26.8#

125 18.9 7.2 10.8#

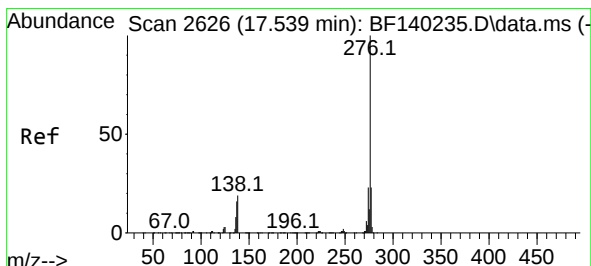
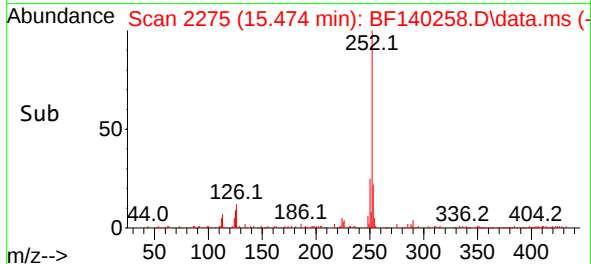
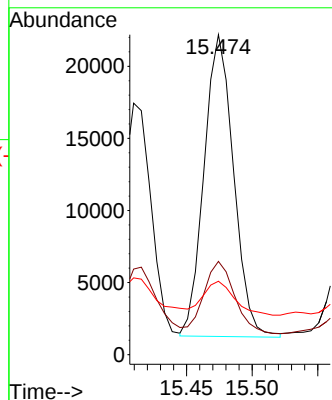
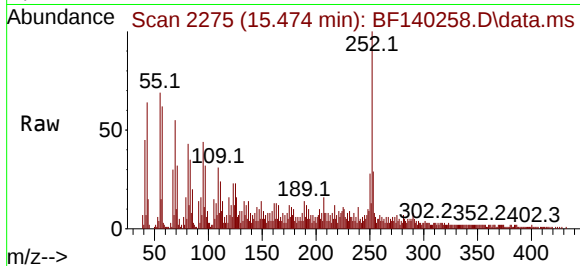




#90
Benzo(a)pyrene
Concen: 3.394 ng
RT: 15.474 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF140258.D
Acq: 06 Nov 2024 15:52

Instrument :
BNA_F
ClientSampleId :
HR-03-110424

Tgt Ion:252 Resp: 32847
Ion Ratio Lower Upper
252 100
253 29.1 17.4 26.0#
125 22.9 7.6 11.4#



#92
Benzo(g,h,i)perylene
Concen: 2.279 ng
RT: 17.492 min Scan# 2618
Delta R.T. -0.047 min
Lab File: BF140258.D
Acq: 06 Nov 2024 15:52

Tgt Ion:276 Resp: 21789
Ion Ratio Lower Upper
276 100
277 28.3 18.8 28.2#
138 24.7 15.3 22.9#

