

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140679.D
 Acq On : 27 Nov 2024 19:16
 Operator : RC/JU
 Sample : P5019-01 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-11262024

Quant Time: Nov 28 00:12:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

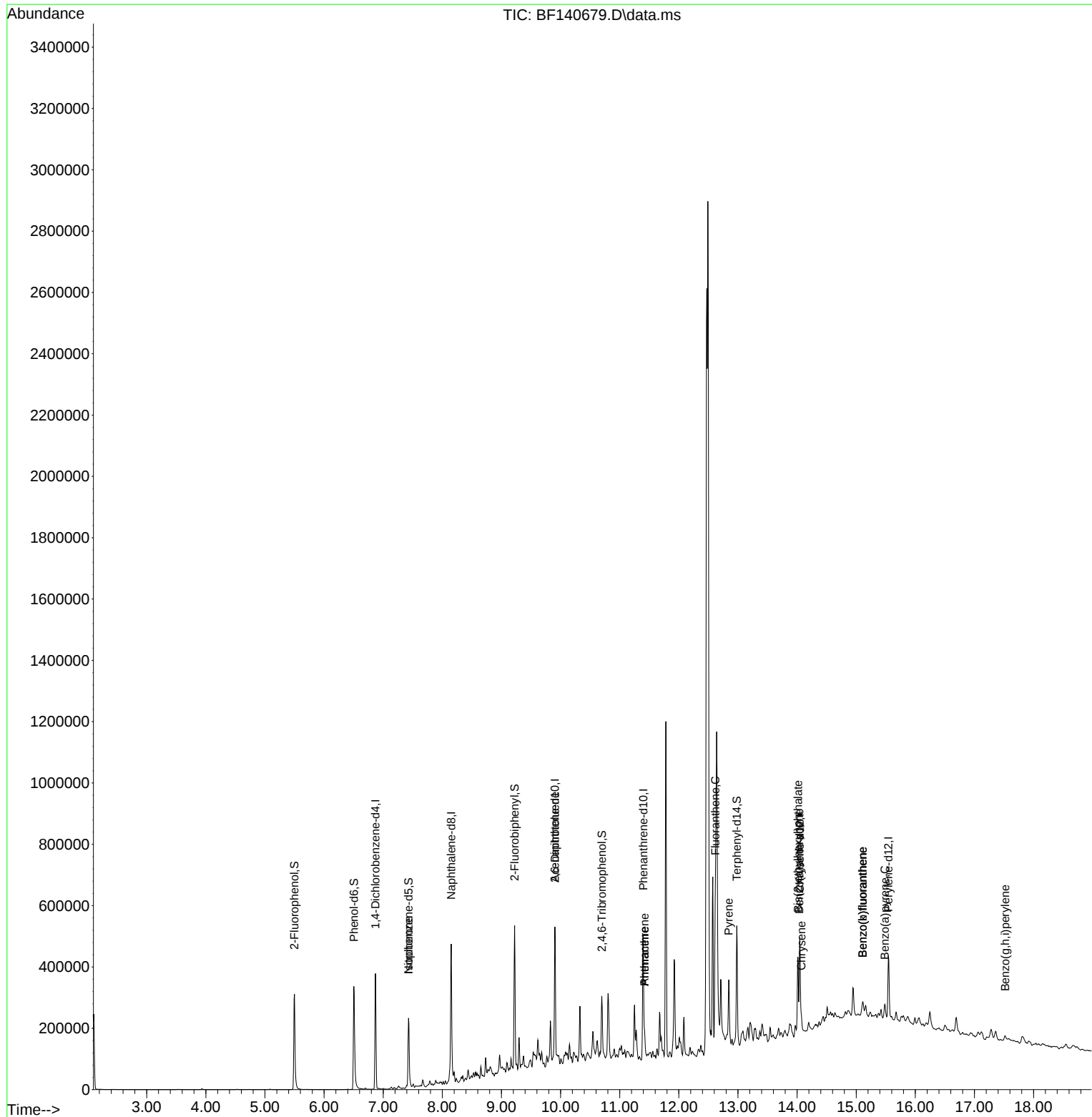
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	80532	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	281575	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	130939	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	217511	20.000	ng	0.00
76) Chrysene-d12	14.045	240	129301	20.000	ng	0.00
86) Perylene-d12	15.545	264	108880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	136602	28.941	ng	0.00
7) Phenol-d6	6.504	99	182693	29.278	ng	-0.01
23) Nitrobenzene-d5	7.428	82	112350	20.409	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	35442	25.308	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	213239	24.264	ng	-0.01
79) Terphenyl-d14	12.980	244	184315	22.196	ng	-0.01
Target Compounds						
25) Isophorone	7.428	82	109644	11.942	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	18405	9.411	ng	# 22
71) Phenanthrene	11.421	178	39157	3.745	ng	98
72) Anthracene	11.421	178	39157	3.829	ng	97
75) Fluoranthene	12.615	202	54260	4.780	ng	97
78) Pyrene	12.845	202	84256	7.047	ng	98
81) Benzo(a)anthracene	14.039	228	29675	3.467	ng	# 86
83) Chrysene	14.074	228	32266	4.123	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.015	149	107529	19.773	ng	99
88) Benzo(b)fluoranthene	15.109	252	33154	4.848	ng	# 74
89) Benzo(k)fluoranthene	15.109	252	33154	5.540	ng	# 74
90) Benzo(a)pyrene	15.486	252	20564	3.698	ng	# 86
92) Benzo(g,h,i)perylene	17.521	276	14282	2.409	ng	# 81

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

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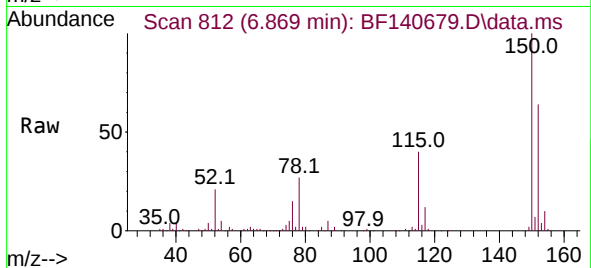
Quant Time: Nov 28 00:12:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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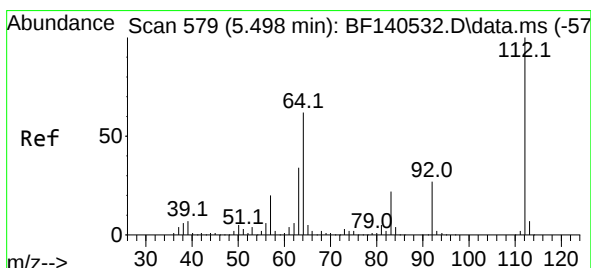
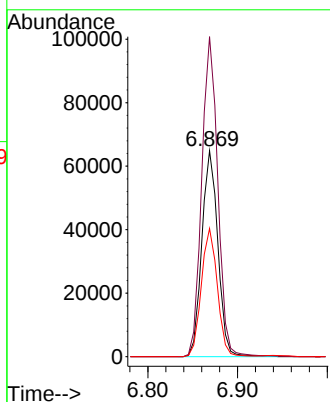
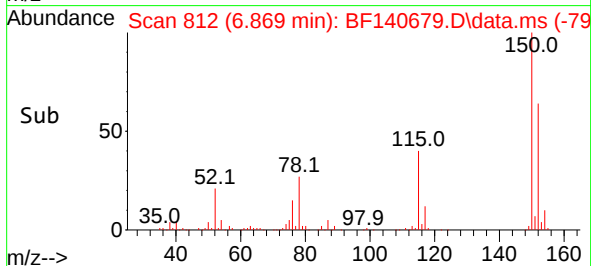


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16

Instrument :
BNA_F
ClientSampleId :
EO-02-11262024

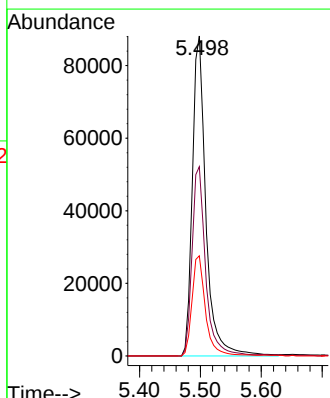
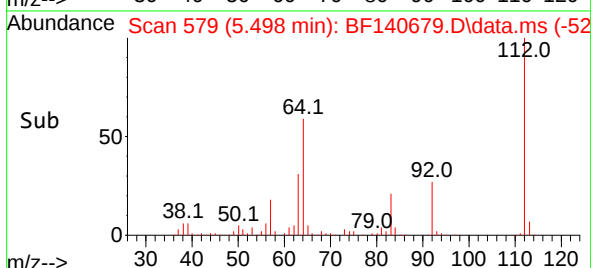
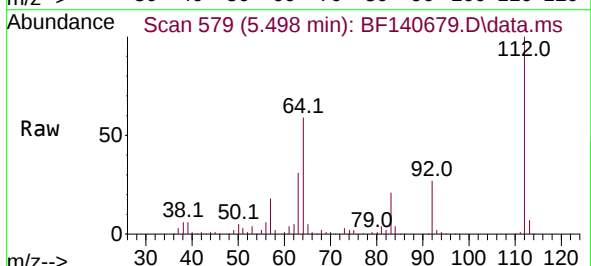


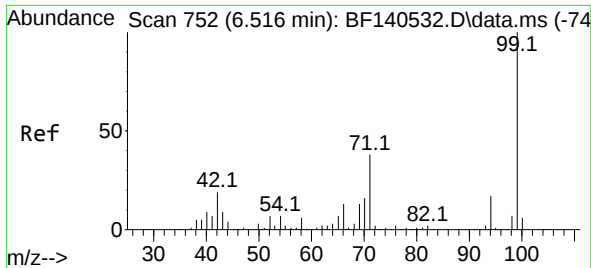
Tgt Ion:152 Resp: 80532
Ion Ratio Lower Upper
152 100
150 155.4 128.5 192.7
115 62.2 50.2 75.4



#5
2-Fluorophenol
Concen: 28.941 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16

Tgt Ion:112 Resp: 136602
Ion Ratio Lower Upper
112 100
64 59.2 49.2 73.8
63 31.3 27.0 40.4

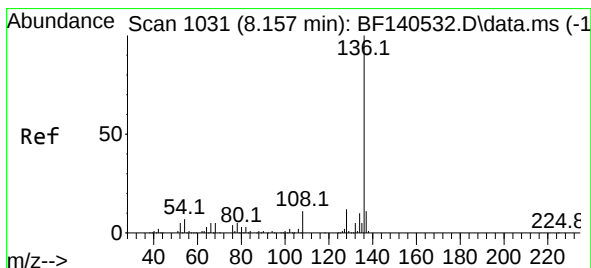
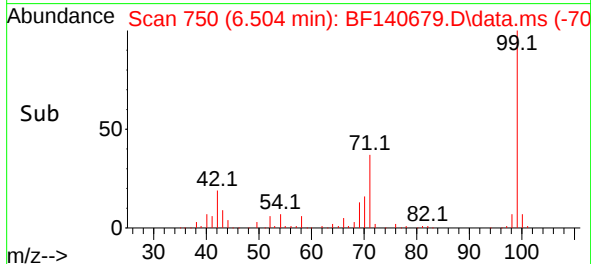
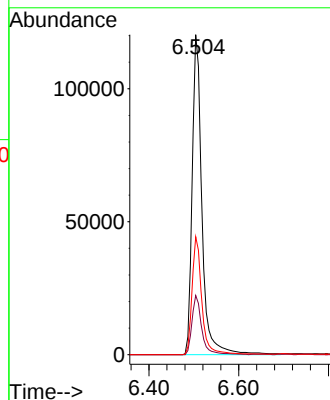
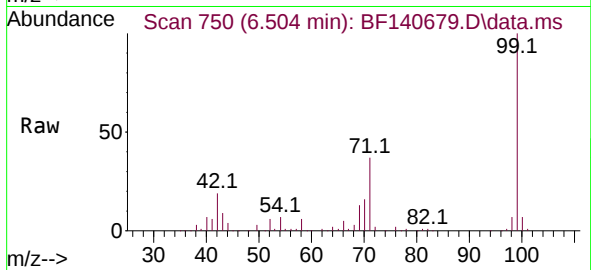




#7
Phenol-d6
Concen: 29.278 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16

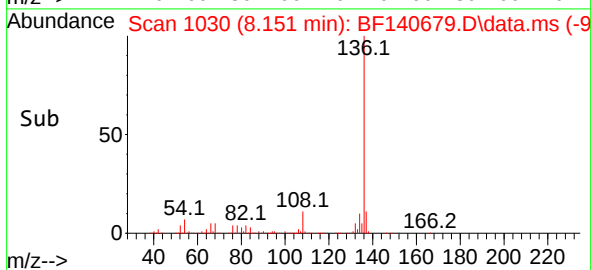
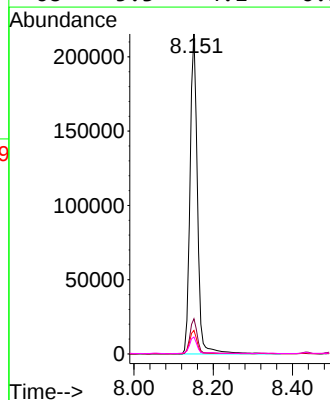
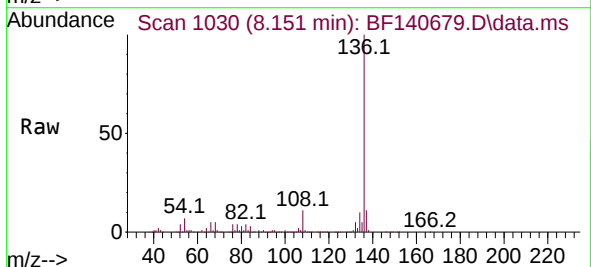
Instrument :
BNA_F
ClientSampleId :
EO-02-11262024

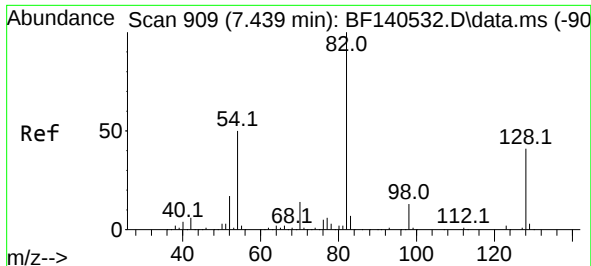
Tgt Ion: 99 Resp: 182693
Ion Ratio Lower Upper
99 100
42 18.5 15.4 23.0
71 36.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16

Tgt Ion: 136 Resp: 281575
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.4 5.8 8.8
68 5.3 4.1 6.1

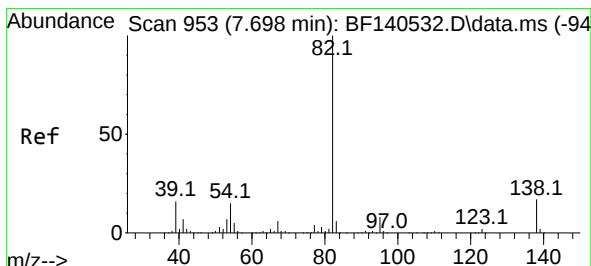
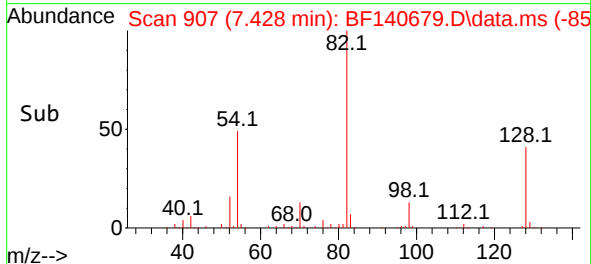
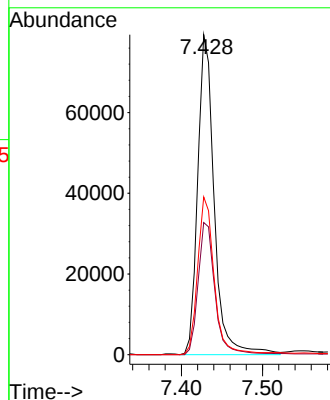
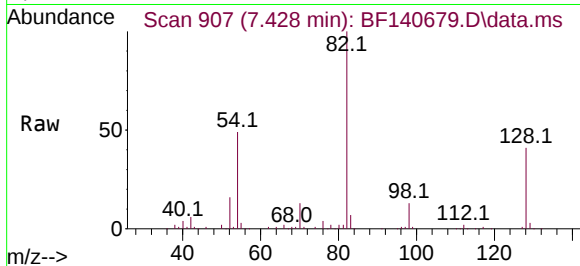




#23
Nitrobenzene-d5
Concen: 20.409 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16

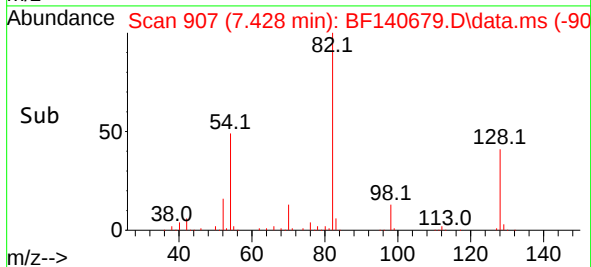
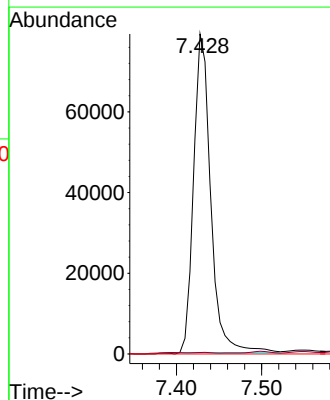
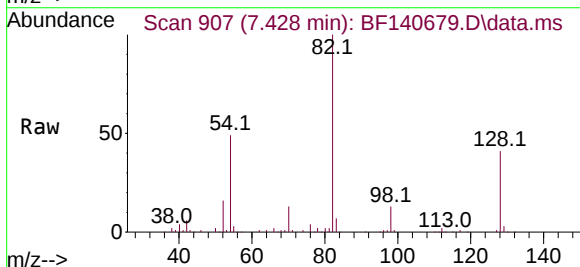
Instrument :
BNA_F
ClientSampleId :
EO-02-11262024

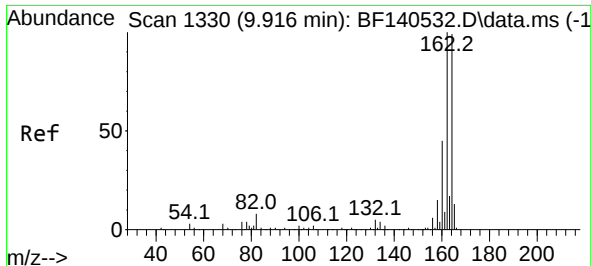
Tgt Ion: 82 Resp: 112350
Ion Ratio Lower Upper
82 100
128 41.3 33.0 49.4
54 49.3 39.5 59.3



#25
Isophorone
Concen: 11.942 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.271 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16

Tgt Ion: 82 Resp: 109644
Ion Ratio Lower Upper
82 100
95 0.5 6.4 9.6#
138 0.0 13.8 20.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140679.D

Acq: 27 Nov 2024 19:16

Instrument :

BNA_F

ClientSampleId :

EO-02-11262024

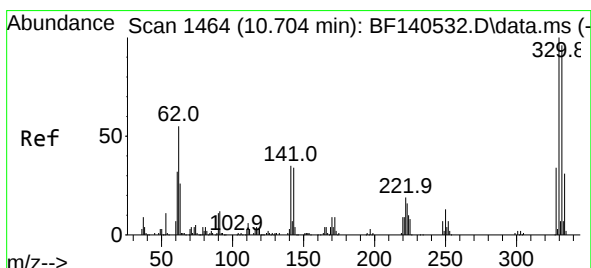
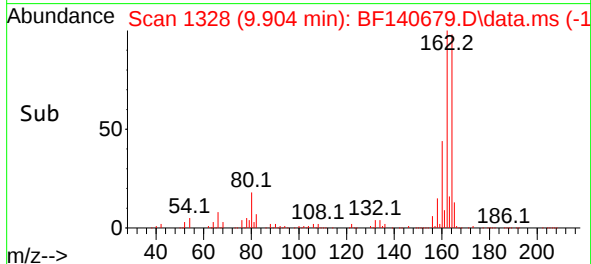
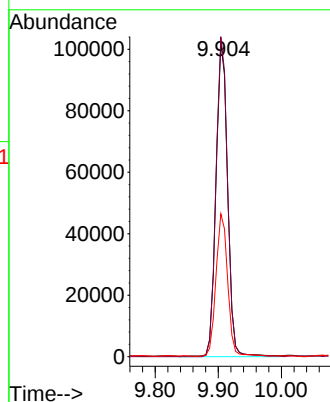
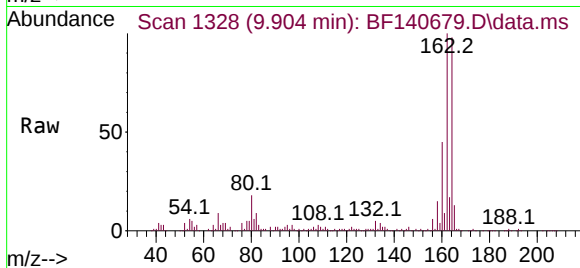
Tgt Ion:164 Resp: 130939

Ion Ratio Lower Upper

164 100

162 101.9 80.6 120.8

160 45.5 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 25.308 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140679.D

Acq: 27 Nov 2024 19:16

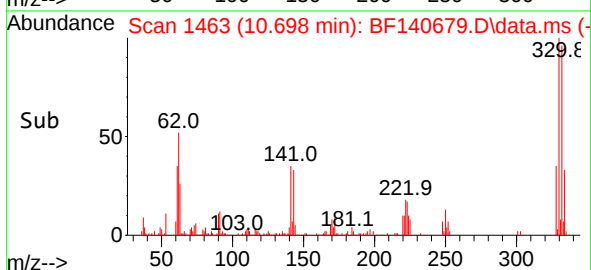
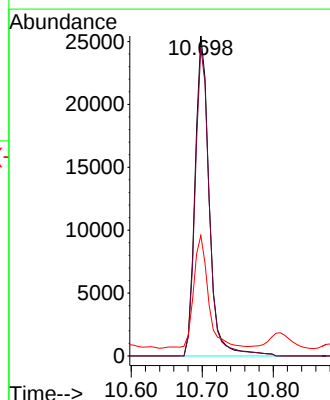
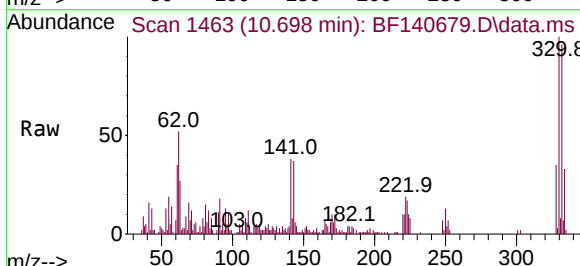
Tgt Ion:330 Resp: 35442

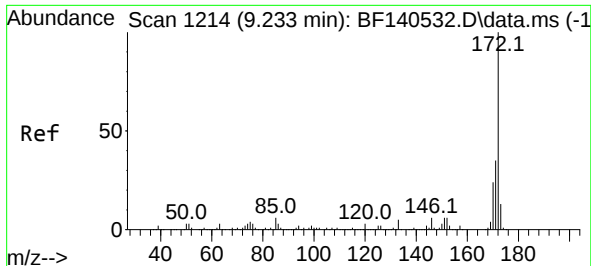
Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

141 36.7 26.7 40.1

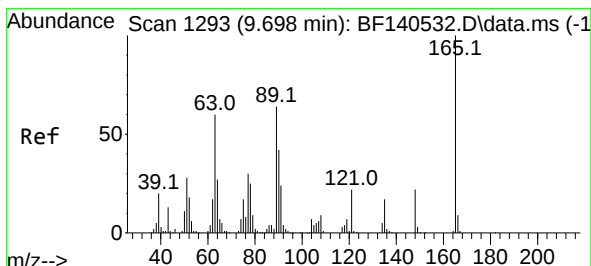
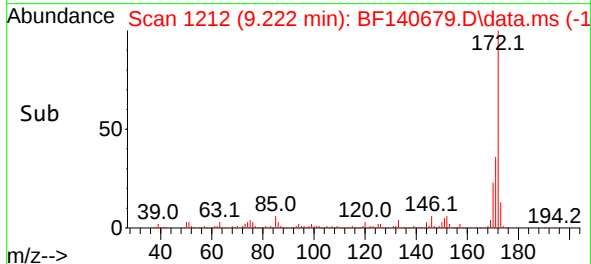
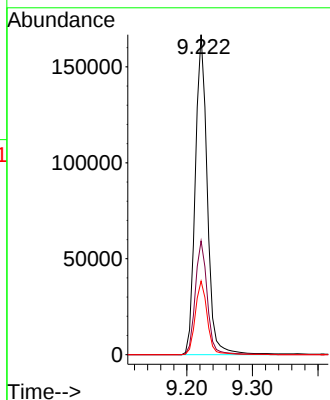
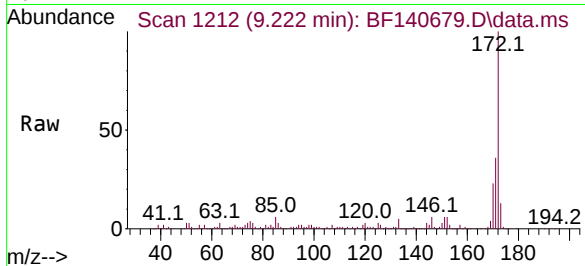




#45
2-Fluorobiphenyl
Concen: 24.264 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16

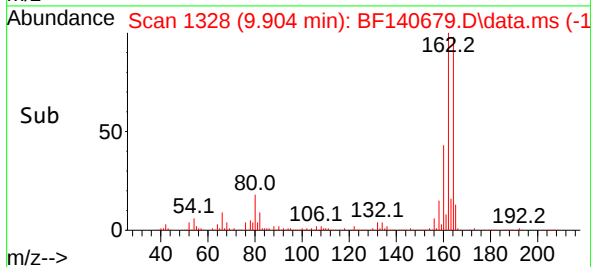
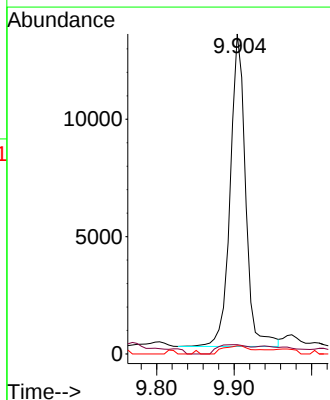
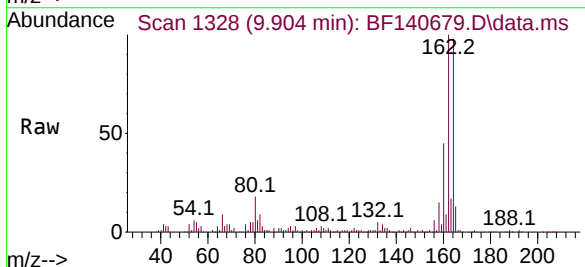
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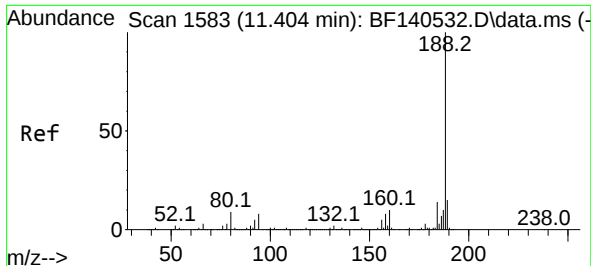
Tgt Ion:172 Resp: 213239
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.0 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 9.411 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16

Tgt Ion:165 Resp: 18405
Ion Ratio Lower Upper
165 100
63 2.9 49.9 74.9#
89 2.5 50.9 76.3#

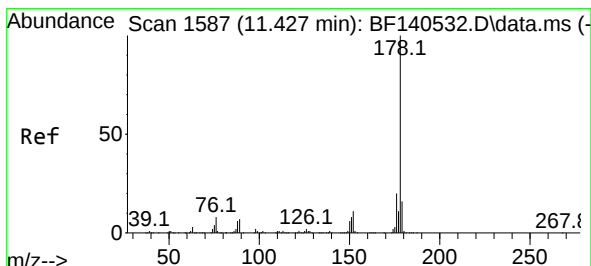
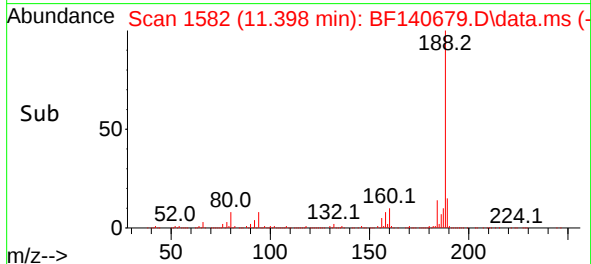
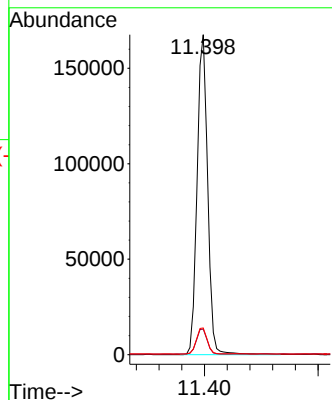
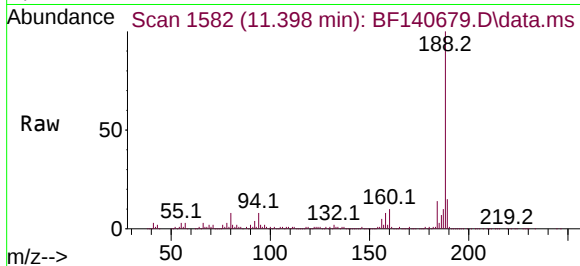




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16

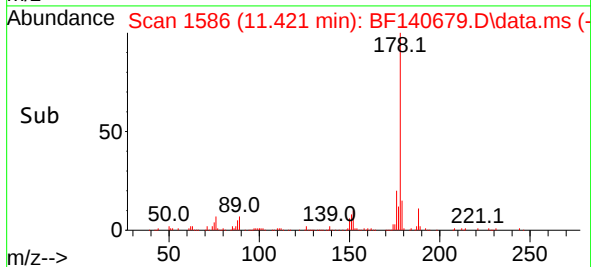
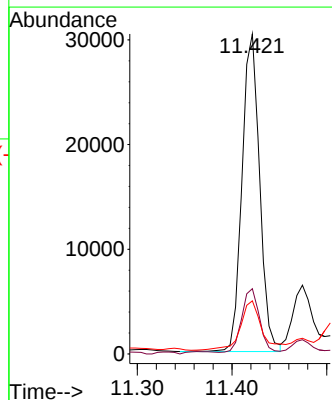
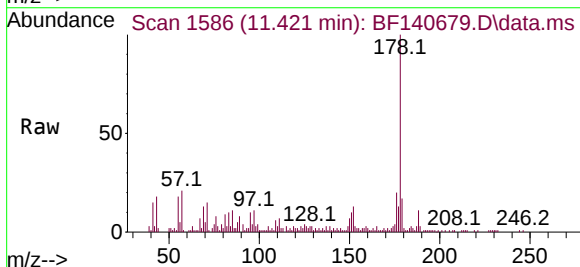
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ClientSampleId :
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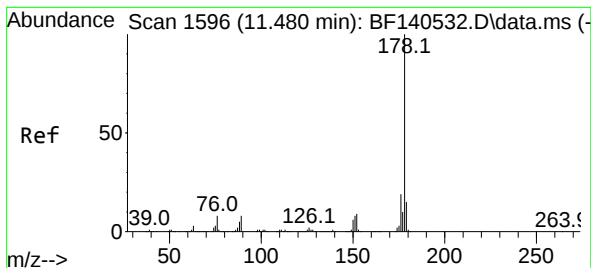
Tgt Ion:188 Resp: 217511
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.4 6.9 10.3



#71
Phenanthrene
Concen: 3.745 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16

Tgt Ion:178 Resp: 39157
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.6
179 16.6 12.4 18.6





#72

Anthracene

Concen: 3.829 ng

RT: 11.421 min Scan# 11

Delta R.T. -0.059 min

Lab File: BF140679.D

Acq: 27 Nov 2024 19:16

Instrument :

BNA_F

ClientSampleId :

EO-02-11262024

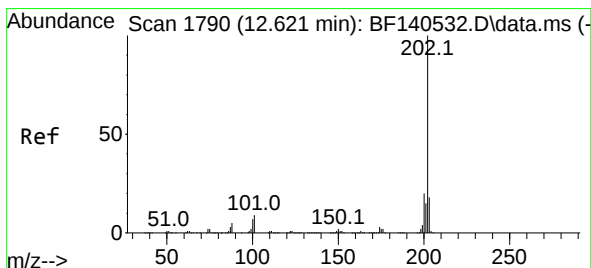
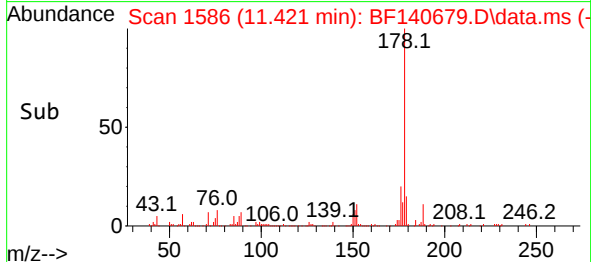
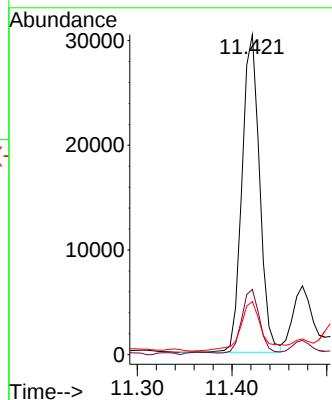
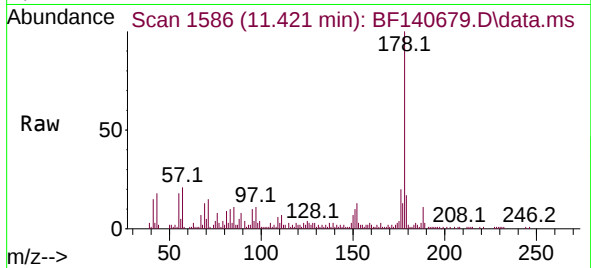
Tgt Ion:178 Resp: 39157

Ion Ratio Lower Upper

178 100

176 20.4 15.0 22.4

179 16.6 12.2 18.4



#75

Fluoranthene

Concen: 4.780 ng

RT: 12.615 min Scan# 1789

Delta R.T. -0.006 min

Lab File: BF140679.D

Acq: 27 Nov 2024 19:16

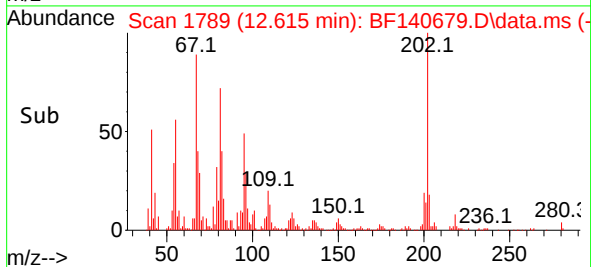
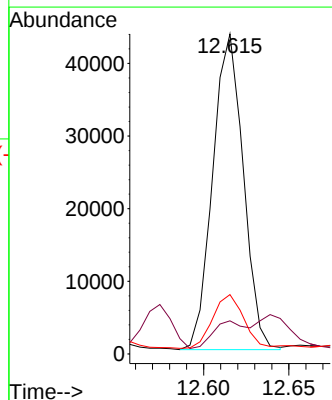
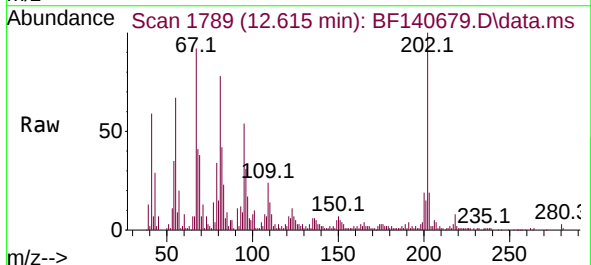
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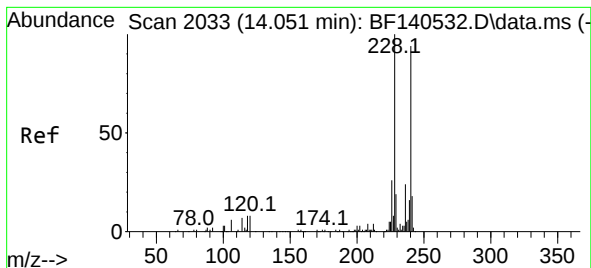
Ion Ratio Lower Upper

202 100

101 10.3 0.0 28.9

203 18.6 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF140679.D

Acq: 27 Nov 2024 19:16

Instrument :

BNA_F

ClientSampleId :

EO-02-11262024

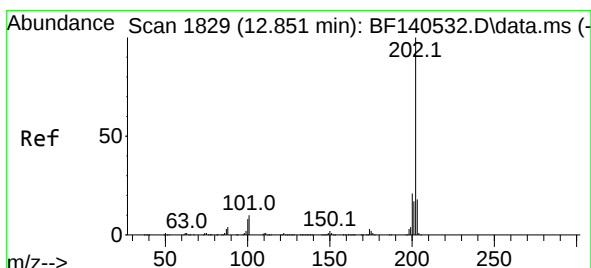
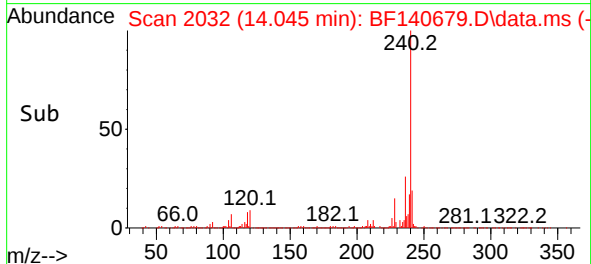
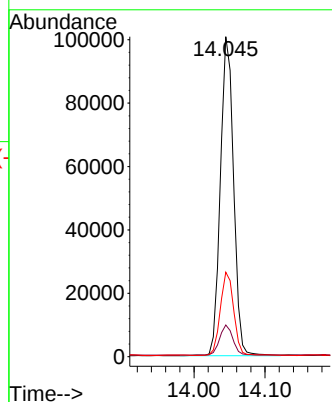
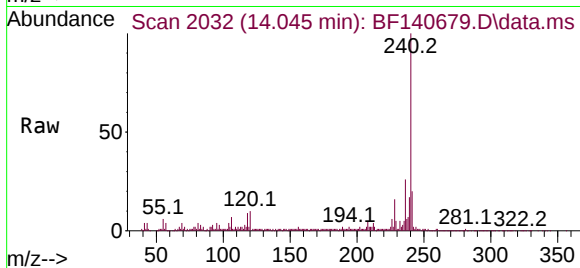
Tgt Ion:240 Resp: 129301

Ion Ratio Lower Upper

240 100

120 9.9 7.3 10.9

236 26.4 20.6 31.0



#78

Pyrene

Concen: 7.047 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF140679.D

Acq: 27 Nov 2024 19:16

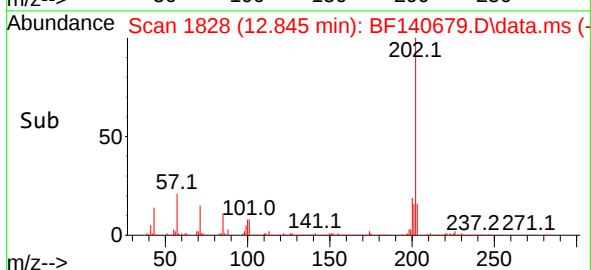
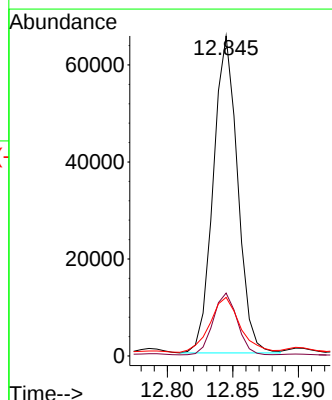
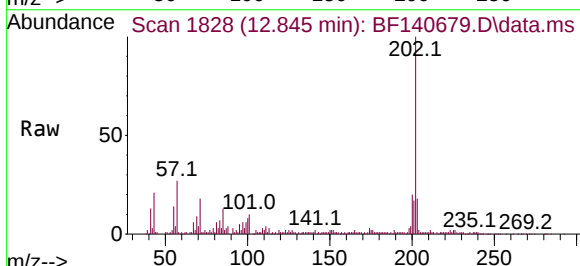
Tgt Ion:202 Resp: 84256

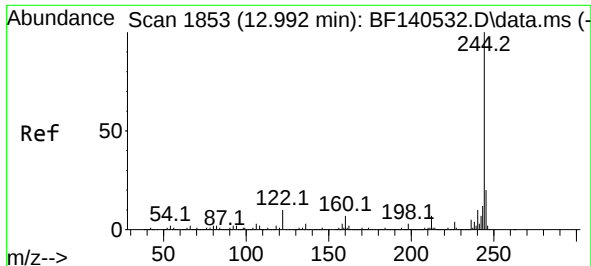
Ion Ratio Lower Upper

202 100

200 19.7 16.5 24.7

203 18.3 14.2 21.4

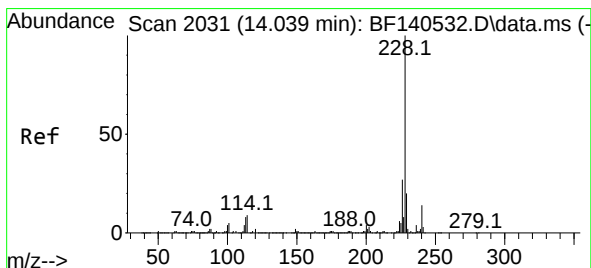
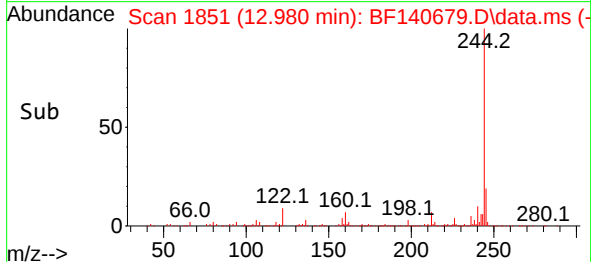
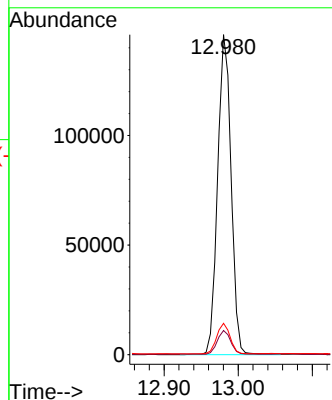
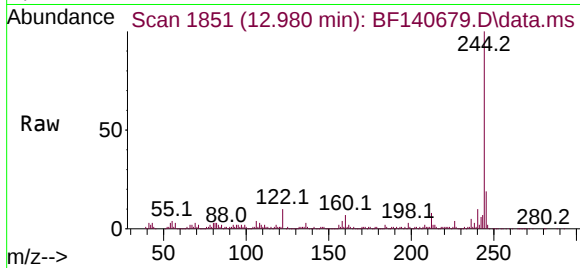




#79
 Terphenyl-d14
 Concen: 22.196 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140679.D
 Acq: 27 Nov 2024 19:16

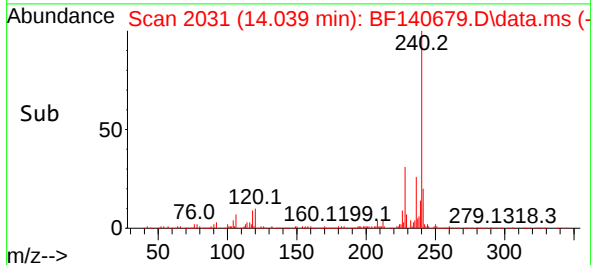
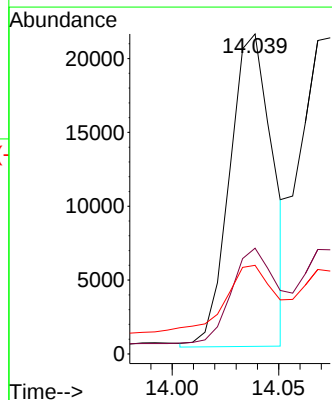
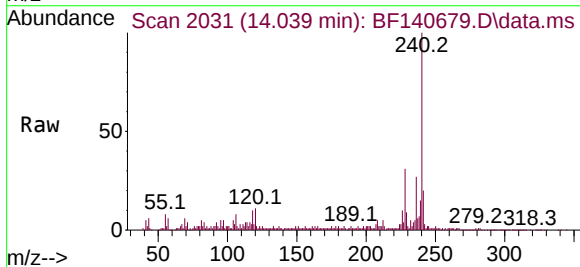
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-11262024

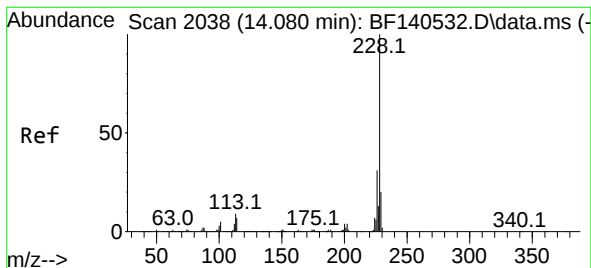
Tgt Ion:244 Resp: 184315
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 9.8 8.0 12.0



#81
 Benzo(a)anthracene
 Concen: 3.467 ng
 RT: 14.039 min Scan# 2031
 Delta R.T. -0.000 min
 Lab File: BF140679.D
 Acq: 27 Nov 2024 19:16

Tgt Ion:228 Resp: 29675
 Ion Ratio Lower Upper
 228 100
 226 33.0 21.8 32.8#
 229 27.7 15.8 23.6#





#83

Chrysene

Concen: 4.123 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140679.D

Acq: 27 Nov 2024 19:16

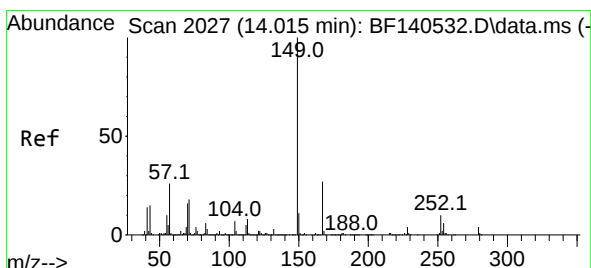
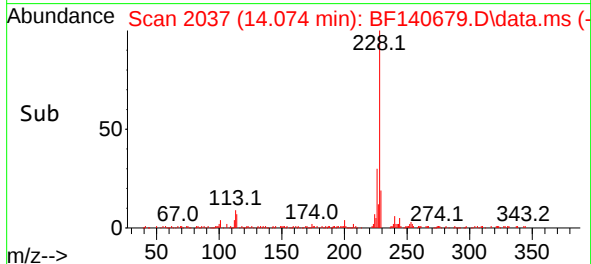
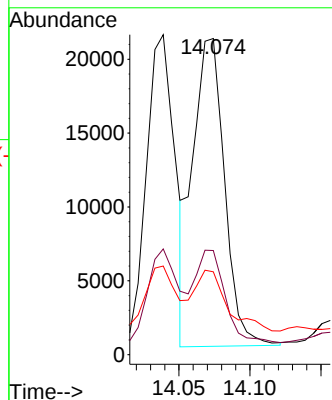
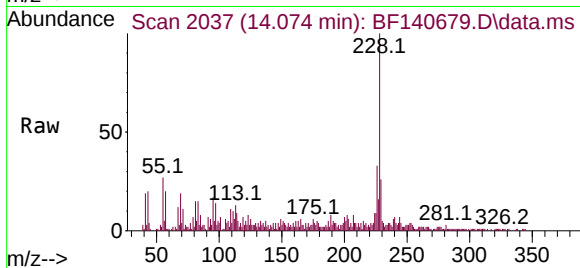
Instrument :

BNA_F

ClientSampleId :

EO-02-11262024

Tgt Ion:228	Resp:	32266
Ion Ratio	Lower	Upper
228	100	
226	32.9	24.4 36.6
229	26.2	15.8 23.6#



#84

Bis(2-ethylhexyl)phthalate

Concen: 19.773 ng

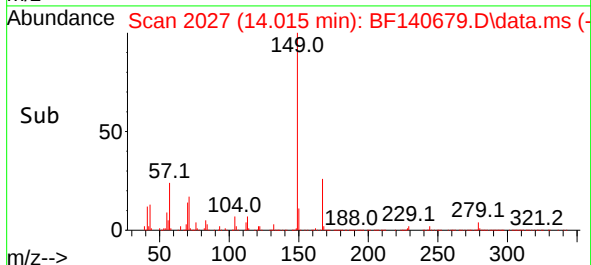
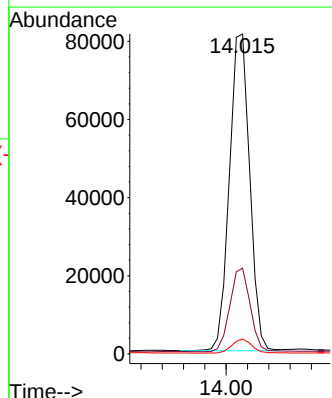
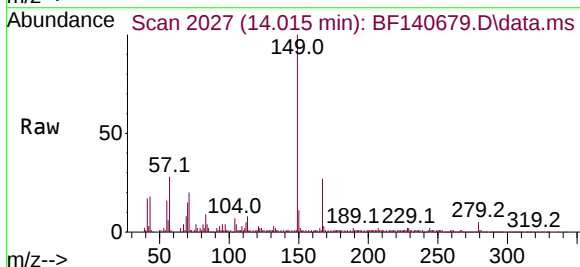
RT: 14.015 min Scan# 2027

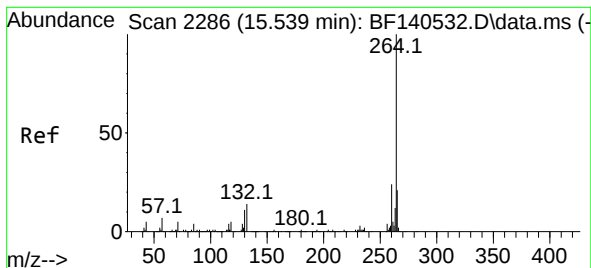
Delta R.T. -0.000 min

Lab File: BF140679.D

Acq: 27 Nov 2024 19:16

Tgt Ion:149	Resp:	107529
Ion Ratio	Lower	Upper
149	100	
167	26.8	21.2 31.8
279	4.7	3.2 4.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140679.D

Acq: 27 Nov 2024 19:16

Instrument :

BNA_F

ClientSampleId :

EO-02-11262024

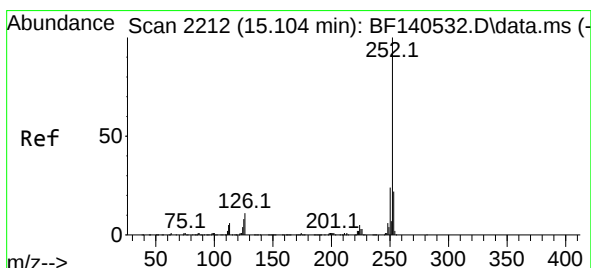
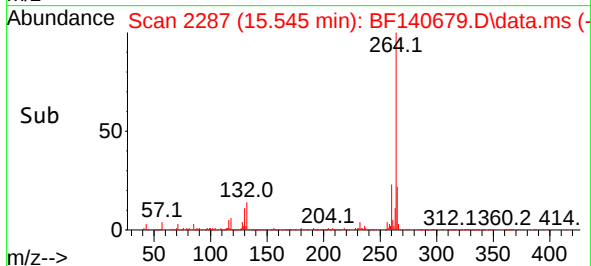
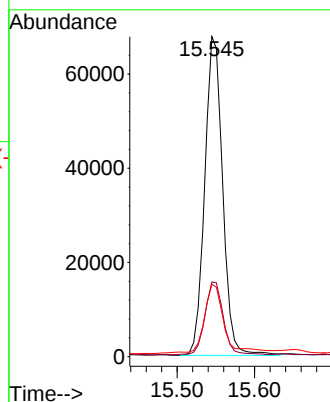
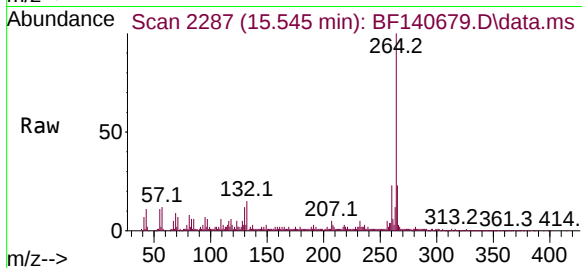
Tgt Ion:264 Resp: 108880

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 22.6 16.6 25.0



#88

Benzo(b)fluoranthene

Concen: 4.848 ng

RT: 15.109 min Scan# 2213

Delta R.T. 0.006 min

Lab File: BF140679.D

Acq: 27 Nov 2024 19:16

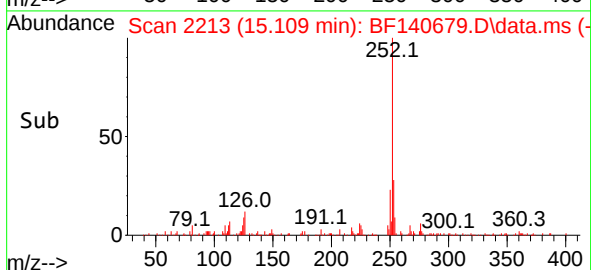
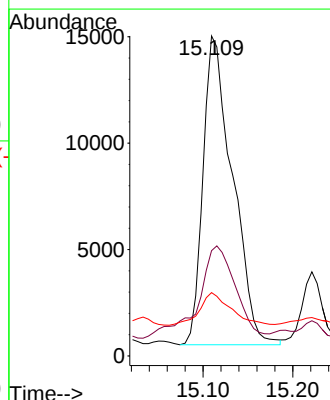
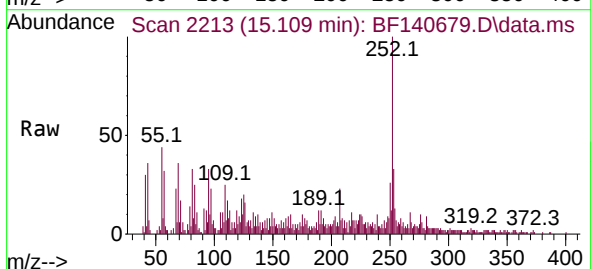
Tgt Ion:252 Resp: 33154

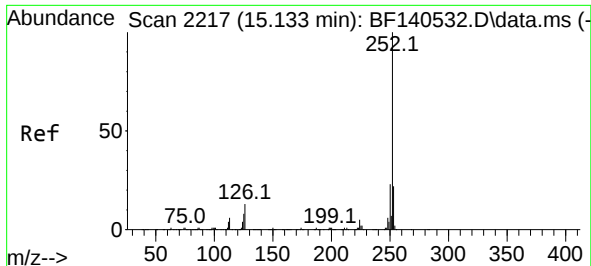
Ion Ratio Lower Upper

252 100

253 32.9 17.2 25.8#

125 19.8 6.7 10.1#





#89

Benzo(k)fluoranthene

Concen: 5.540 ng

RT: 15.109 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF140679.D

Acq: 27 Nov 2024 19:16

Instrument :

BNA_F

ClientSampleId :

EO-02-11262024

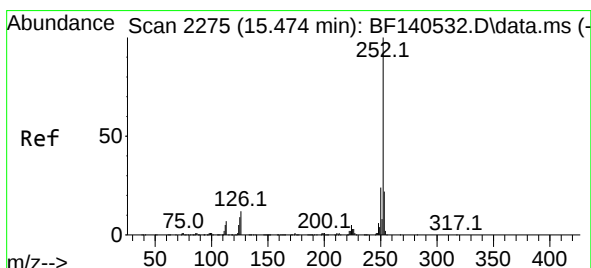
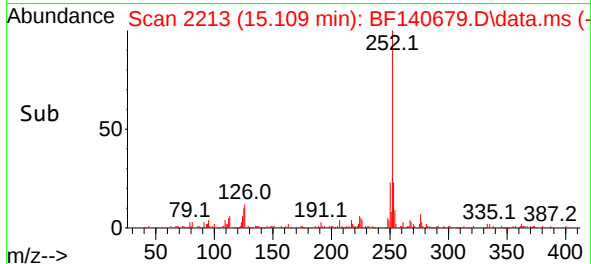
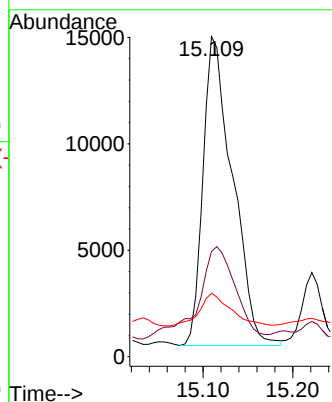
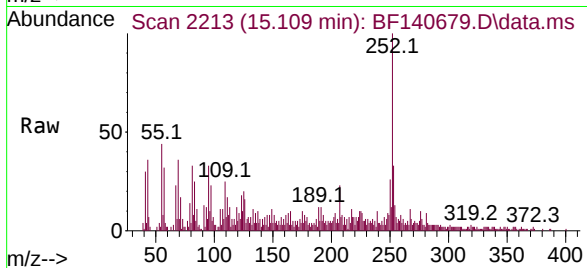
Tgt Ion:252 Resp: 33154

Ion Ratio Lower Upper

252 100

253 32.9 17.5 26.3#

125 19.8 6.5 9.7#



#90

Benzo(a)pyrene

Concen: 3.698 ng

RT: 15.486 min Scan# 2277

Delta R.T. 0.012 min

Lab File: BF140679.D

Acq: 27 Nov 2024 19:16

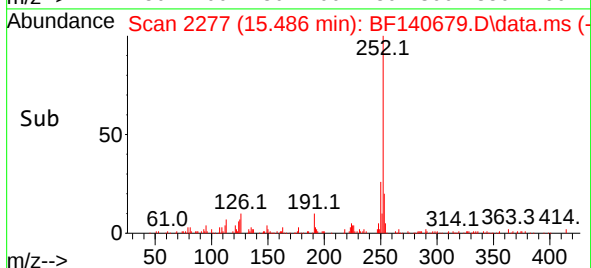
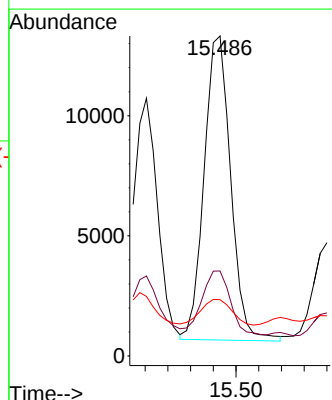
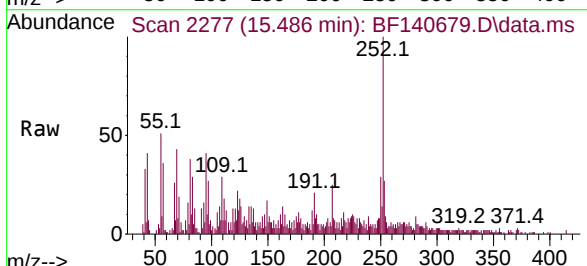
Tgt Ion:252 Resp: 20564

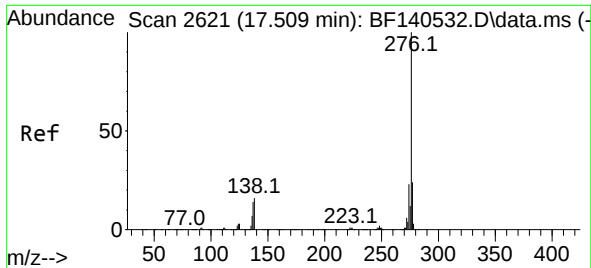
Ion Ratio Lower Upper

252 100

253 26.5 17.3 25.9#

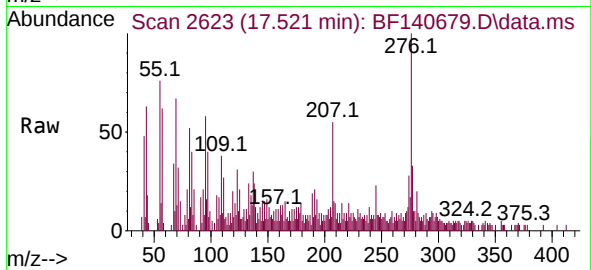
125 17.6 7.0 10.6#





#92
 Benzo(g,h,i)perylene
 Concen: 2.409 ng
 RT: 17.521 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: BF140679.D
 Acq: 27 Nov 2024 19:16

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-11262024



Tgt Ion:	276	Resp:	14282
Ion Ratio	Lower	Upper	
276	100		
277	33.0	18.9	28.3#
138	24.4	13.2	19.8#

