

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
 Data File : BF140778.D
 Acq On : 06 Dec 2024 20:18
 Operator : RC/JU
 Sample : P5136-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Dec 06 21:56:51 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)

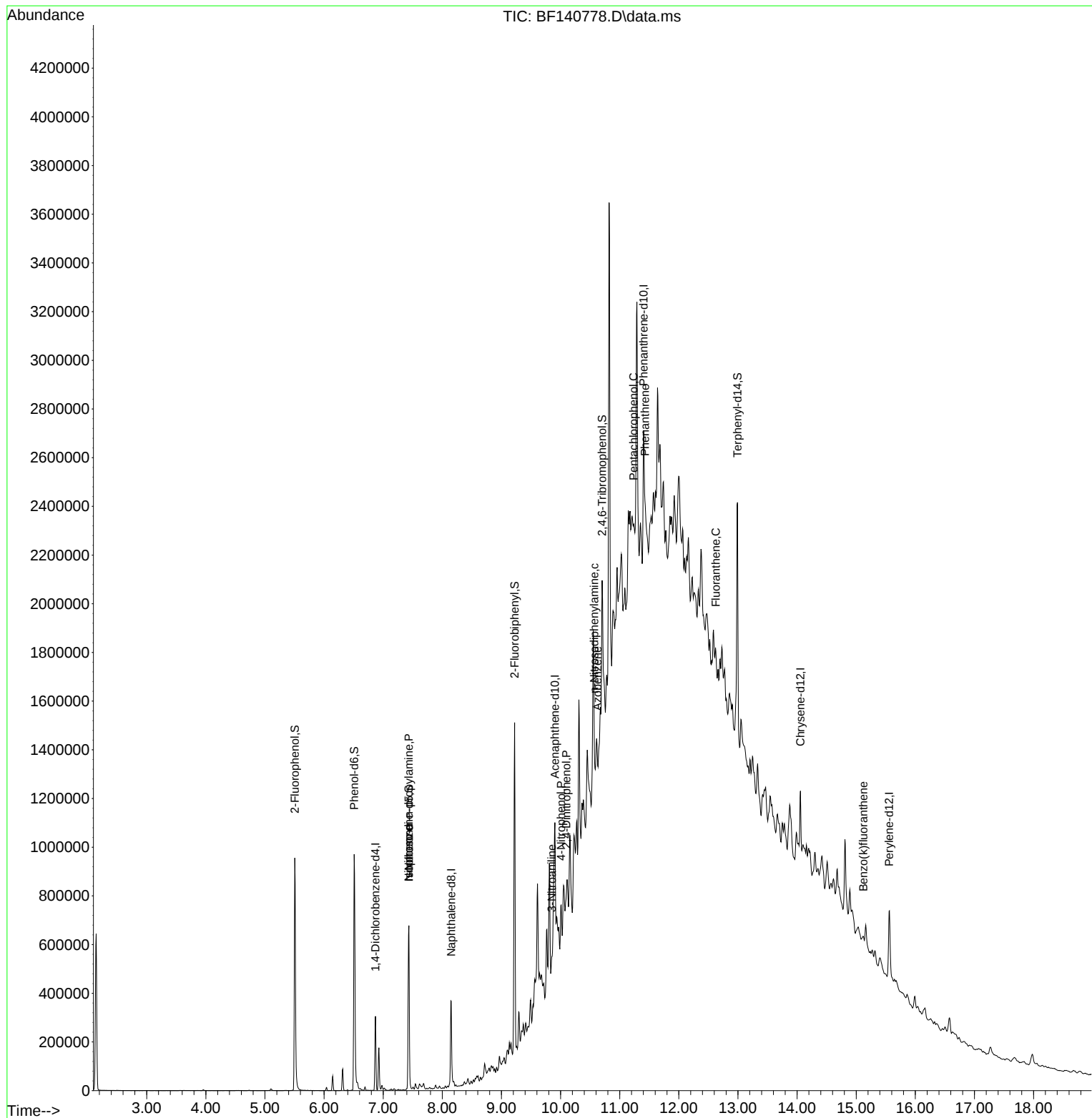
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	64905	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	236016	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	114166	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	159409	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	136931	20.000	ng	0.00
86) Perylene-d12	15.557	264	135401	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	391931	103.030	ng	0.00
7) Phenol-d6	6.510	99	499037	99.231	ng	0.00
23) Nitrobenzene-d5	7.434	82	321363	69.647	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	105599	86.485	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	595139	77.670	ng	-0.01
79) Terphenyl-d14	12.992	244	494242	56.203	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	44086	14.833	ng	# 74
25) Isophorone	7.434	82	314950	40.923	ng	# 66
53) 3-Nitroaniline	9.851	138	3451	2.069	ng	# 21
54) 2,4-Dinitrophenol	10.098	184	677	8.515	ng	# 1
56) 4-Nitrophenol	10.010	139	2500	2.198	ng	# 1
63) Azobenzene	10.622	77	23114	3.195	ng	# 3
66) n-Nitrosodiphenylamine	10.569	169	30690	6.510	ng	# 46
70) Pentachlorophenol	11.233	266	3773	4.510	ng	# 24
71) Phenanthrene	11.427	178	42338	5.525	ng	# 66
75) Fluoranthene	12.627	202	20832	2.504	ng	# 63
89) Benzo(k)fluoranthene	15.121	252	15482	2.080	ng	# 1

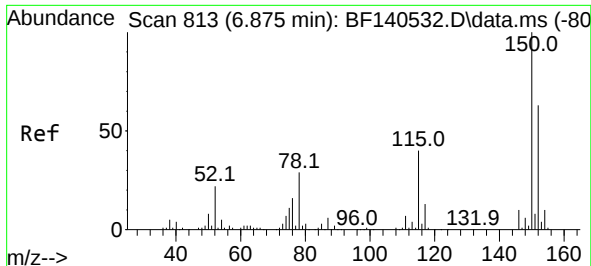
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
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Quant Time: Dec 06 21:56:51 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

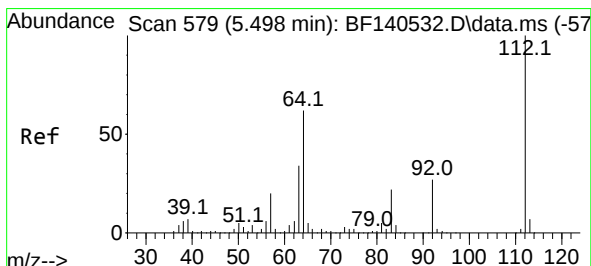
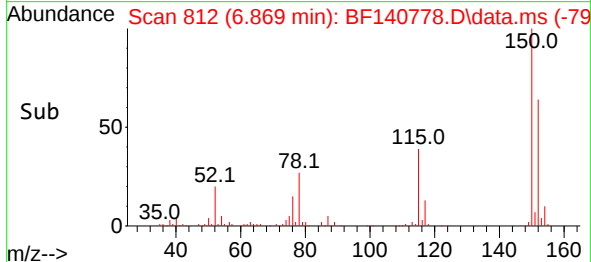
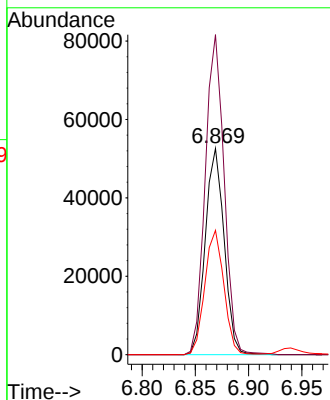
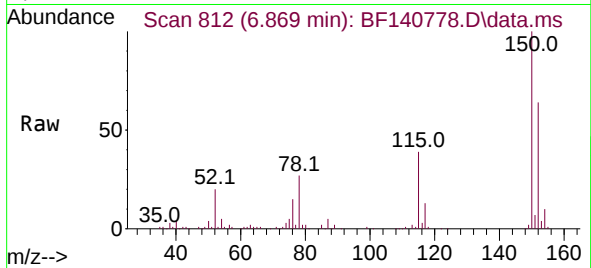




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140778.D
Acq: 06 Dec 2024 20:18

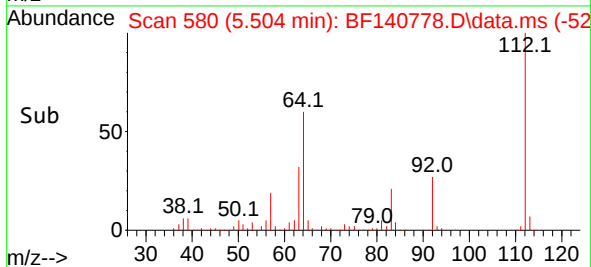
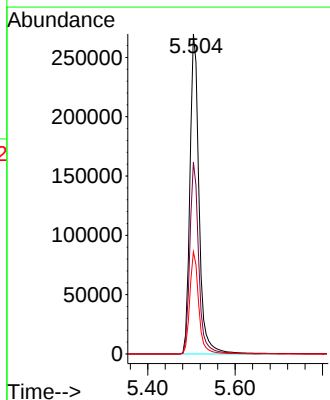
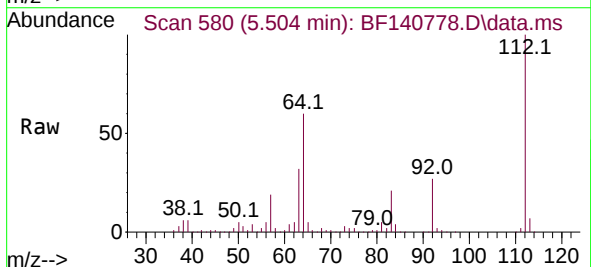
Instrument :
BNA_F
ClientSampleId :
COMP-1

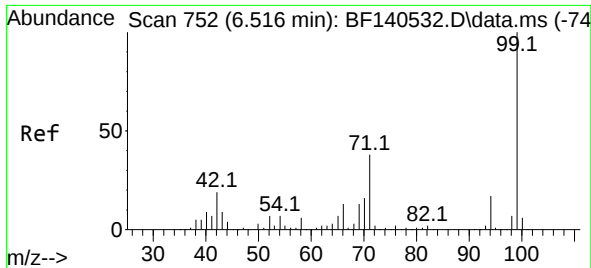
Tgt Ion:152 Resp: 64905
Ion Ratio Lower Upper
152 100
150 155.1 128.5 192.7
115 60.2 50.2 75.4



#5
2-Fluorophenol
Concen: 103.030 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140778.D
Acq: 06 Dec 2024 20:18

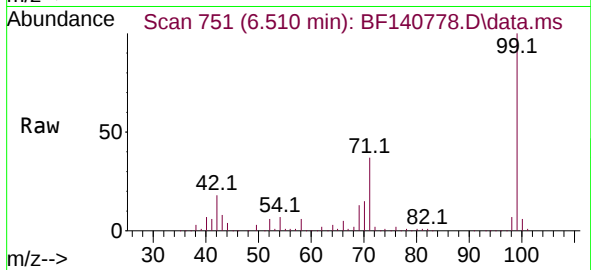
Tgt Ion:112 Resp: 391931
Ion Ratio Lower Upper
112 100
64 60.0 49.2 73.8
63 31.9 27.0 40.4



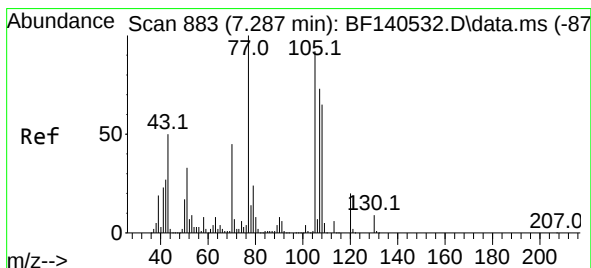
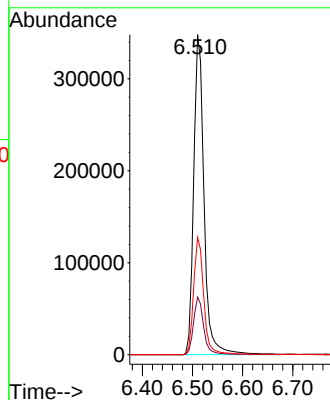
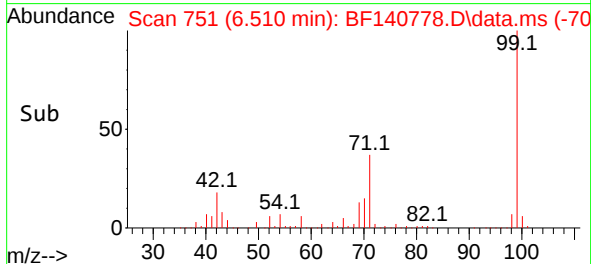


#7
Phenol-d6
Concen: 99.231 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140778.D
Acq: 06 Dec 2024 20:18

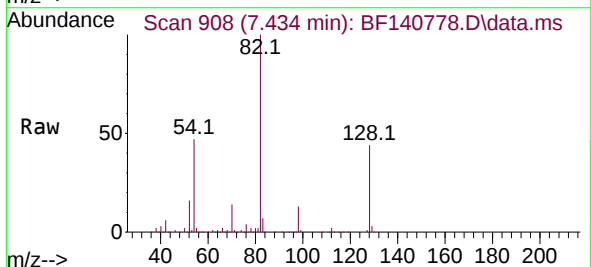
Instrument :
BNA_F
ClientSampleId :
COMP-1



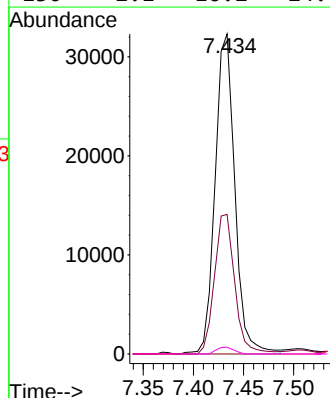
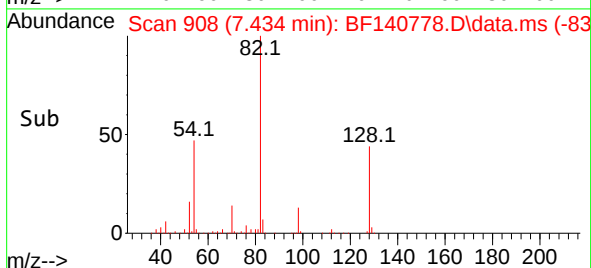
Tgt Ion: 99 Resp: 499037
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 36.6 30.6 46.0

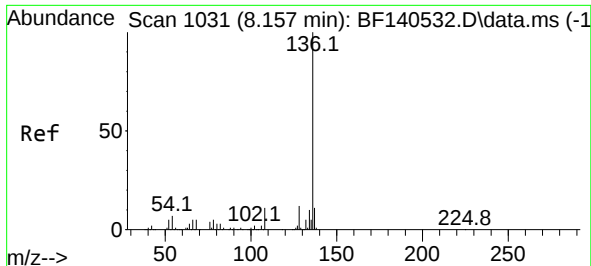


#19
n-Nitroso-di-n-propylamine
Concen: 14.833 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140778.D
Acq: 06 Dec 2024 20:18



Tgt Ion: 70 Resp: 44086
Ion Ratio Lower Upper
70 100
42 43.6 47.6 71.4#
101 0.0 7.6 11.4#
130 2.1 16.2 24.4#



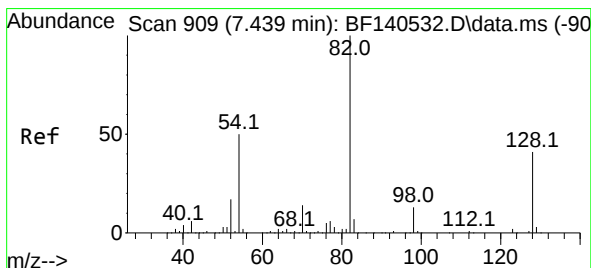
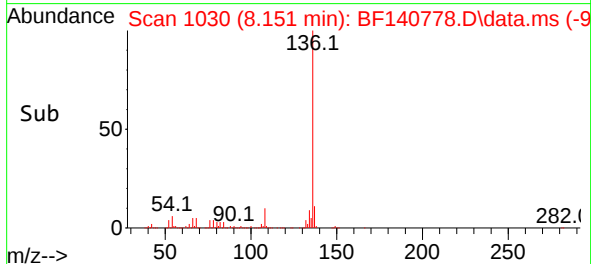
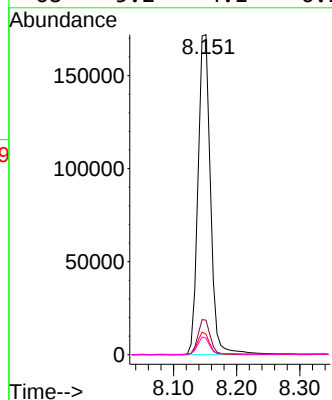
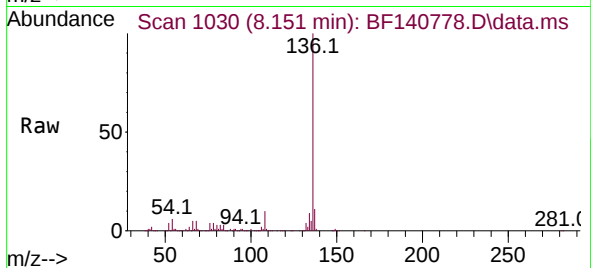


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140778.D
Acq: 06 Dec 2024 20:18

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:136 Resp: 236016

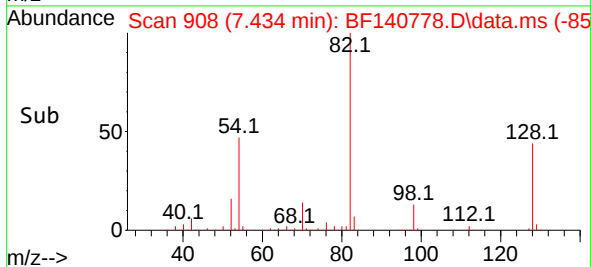
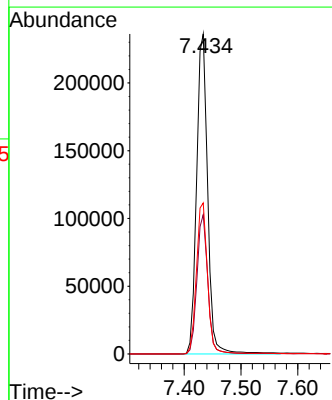
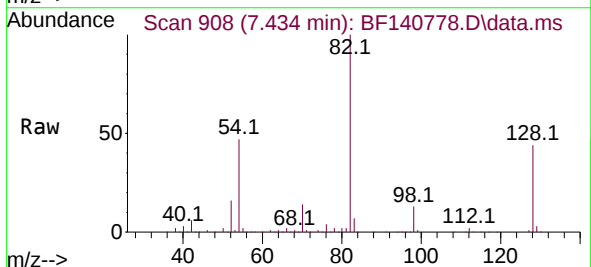
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.5	5.8	8.8
68	5.2	4.1	6.1

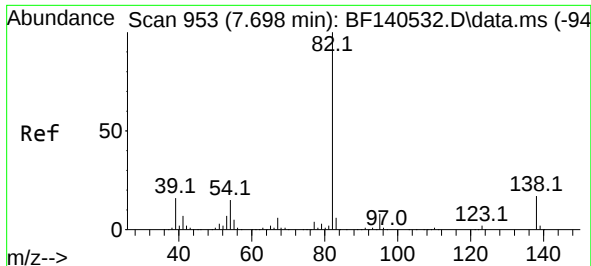


#23
Nitrobenzene-d5
Concen: 69.647 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140778.D
Acq: 06 Dec 2024 20:18

Tgt Ion: 82 Resp: 321363

Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.0	49.4
54	47.2	39.5	59.3

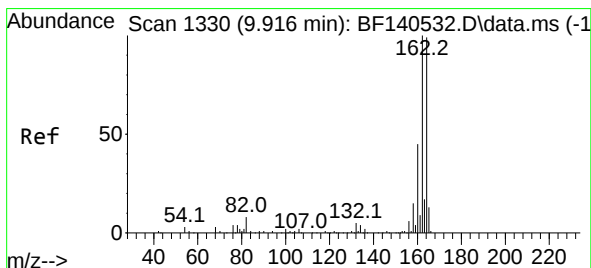
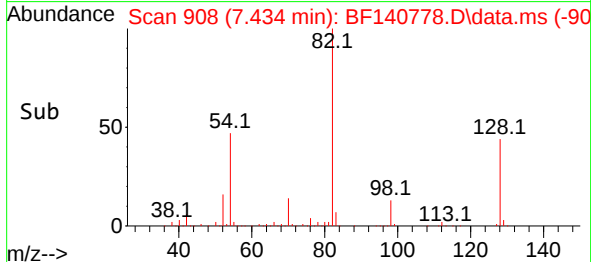
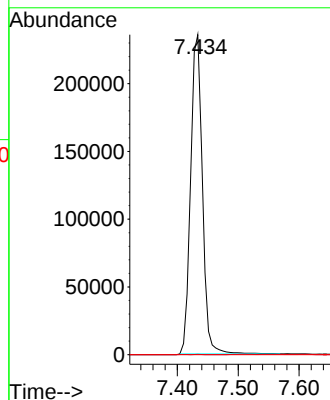
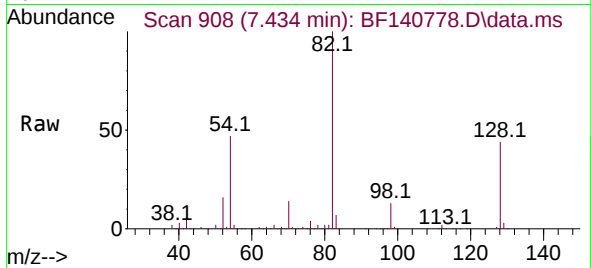




#25
Isophorone
Concen: 40.923 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140778.D
Acq: 06 Dec 2024 20:18

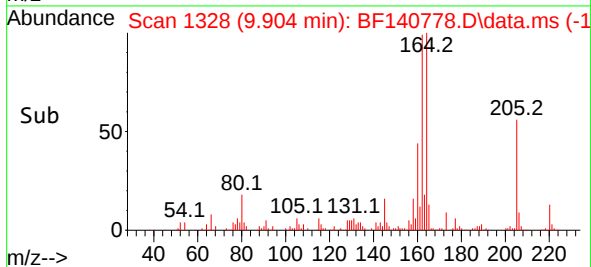
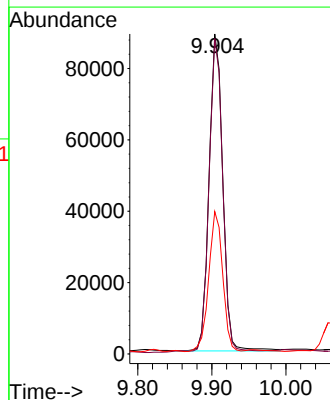
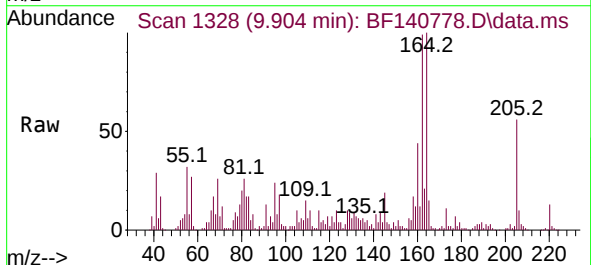
Instrument :
BNA_F
ClientSampleId :
COMP-1

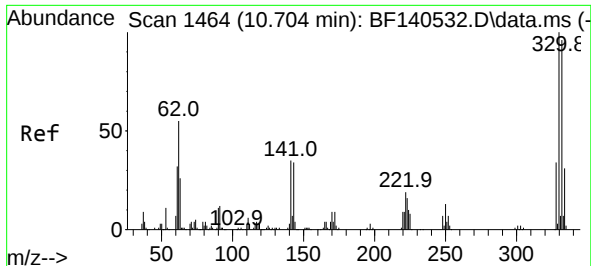
Tgt Ion: 82 Resp: 314950
Ion Ratio Lower Upper
82 100
95 0.1 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140778.D
Acq: 06 Dec 2024 20:18

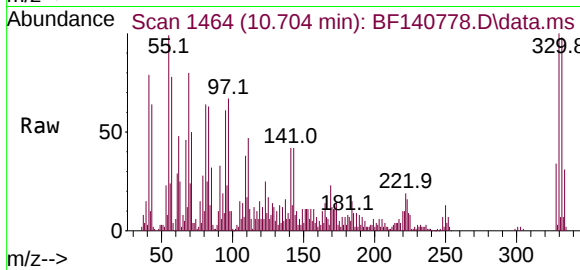
Tgt Ion: 164 Resp: 114166
Ion Ratio Lower Upper
164 100
162 98.6 80.6 120.8
160 44.5 36.2 54.4



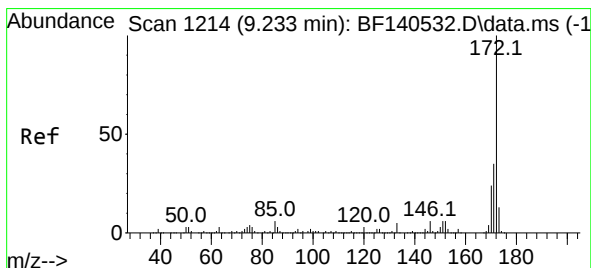
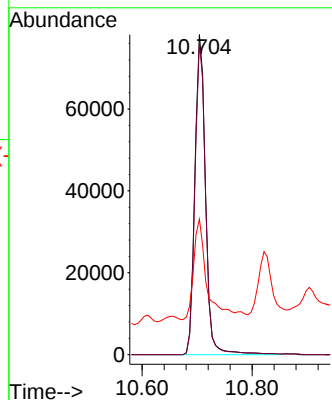
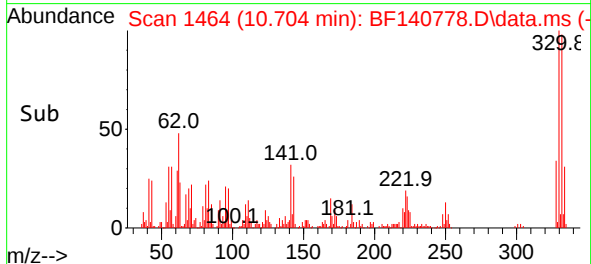


#42
2,4,6-Tribromophenol
Concen: 86.485 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140778.D
Acq: 06 Dec 2024 20:18

Instrument :
BNA_F
ClientSampleId :
COMP-1

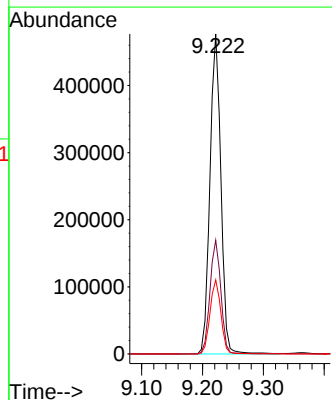
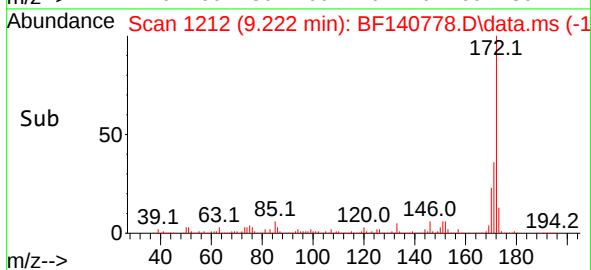
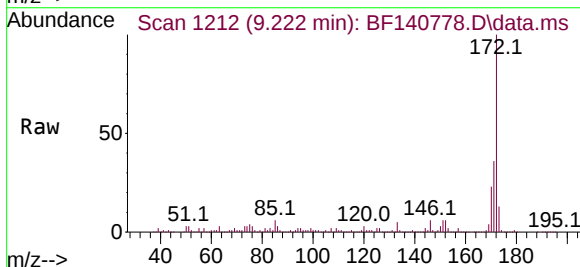


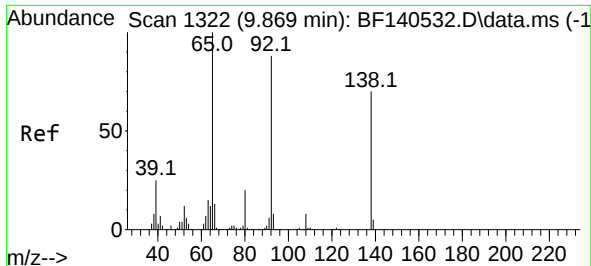
Tgt Ion:330 Resp: 105599
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 38.4 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 77.670 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140778.D
Acq: 06 Dec 2024 20:18

Tgt Ion:172 Resp: 595139
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.1 19.0 28.6

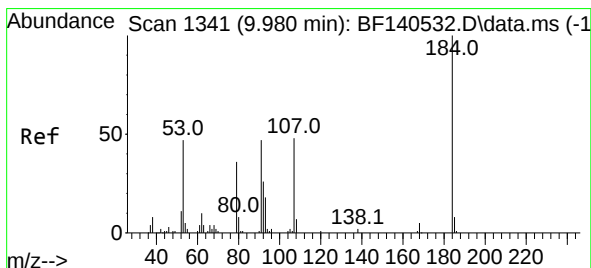
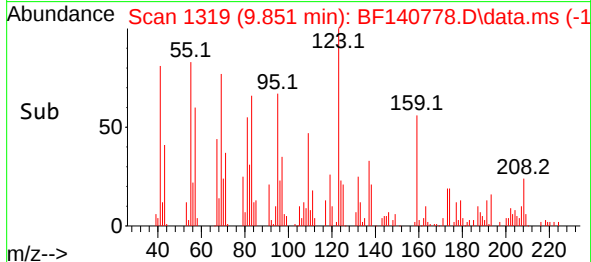
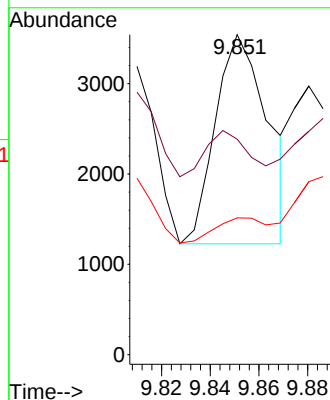
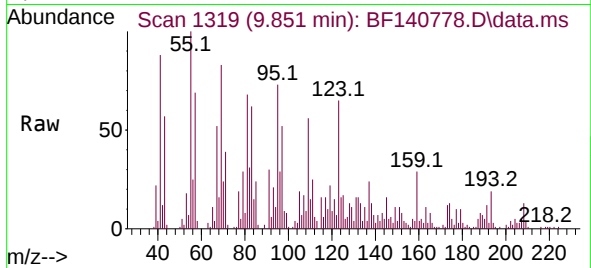




#53
3-Nitroaniline
Concen: 2.069 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF140778.D
Acq: 06 Dec 2024 20:18

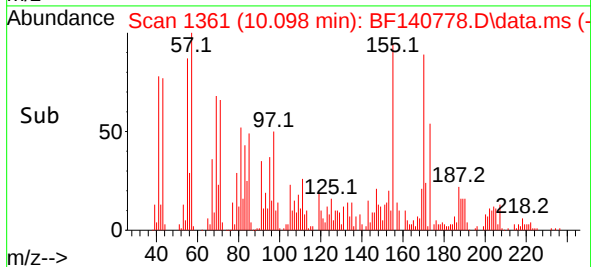
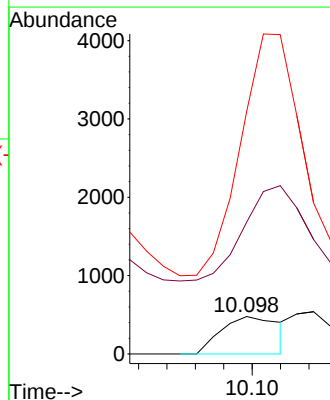
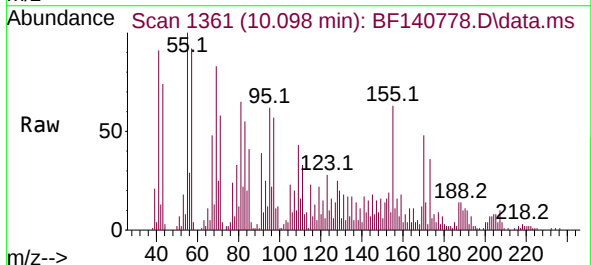
Instrument :
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ClientSampleId :
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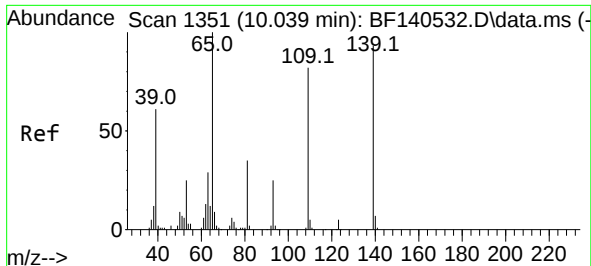
Tgt Ion:138 Resp: 3451
Ion Ratio Lower Upper
138 100
108 67.3 9.2 13.8#
92 42.8 100.6 150.8#



#54
2,4-Dinitrophenol
Concen: 8.515 ng
RT: 10.098 min Scan# 1361
Delta R.T. 0.118 min
Lab File: BF140778.D
Acq: 06 Dec 2024 20:18

Tgt Ion:184 Resp: 677
Ion Ratio Lower Upper
184 100
63 353.2 54.1 81.1#
154 649.9 57.4 86.0#

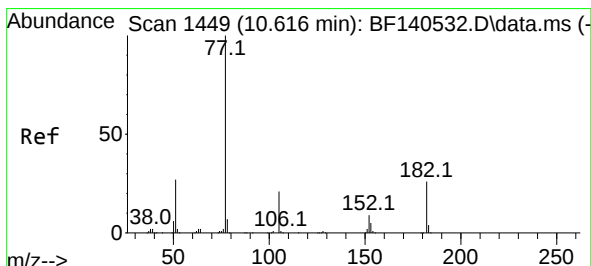
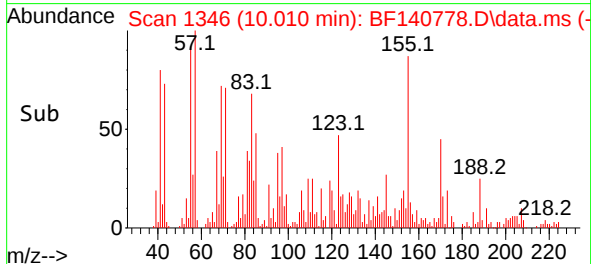
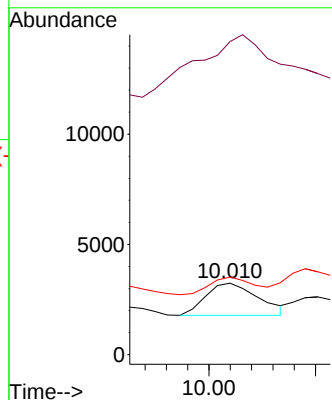
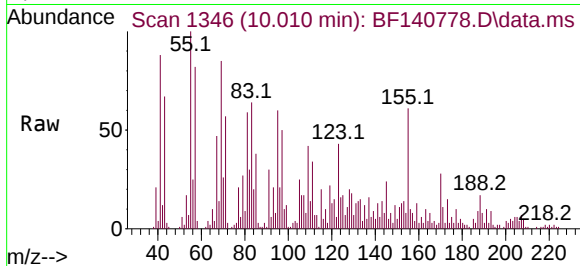




#56
4-Nitrophenol
Concen: 2.198 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.029 min
Lab File: BF140778.D
Acq: 06 Dec 2024 20:18

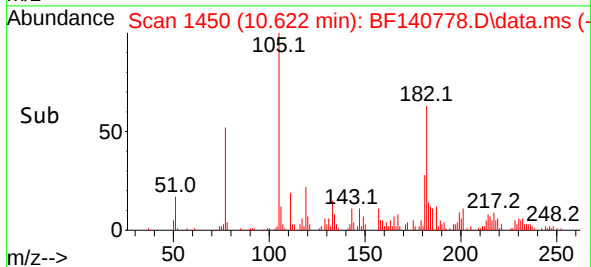
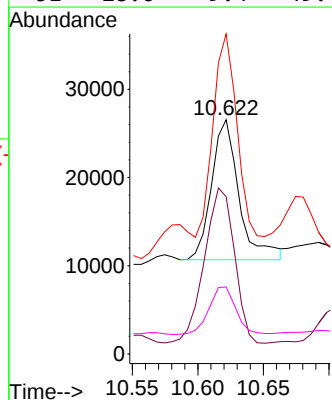
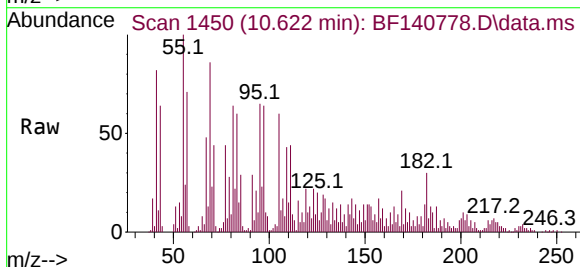
Instrument :
BNA_F
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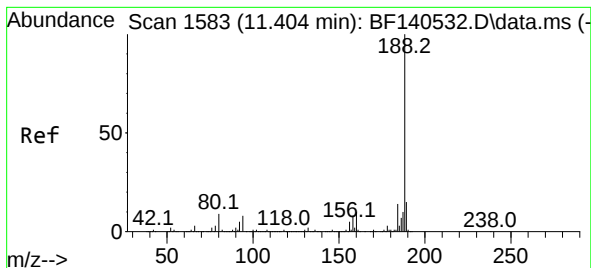
Tgt Ion:139 Resp: 2500
Ion Ratio Lower Upper
139 100
109 437.9 68.4 108.4#
65 108.5 88.6 128.6



#63
Azobenzene
Concen: 3.195 ng
RT: 10.622 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF140778.D
Acq: 06 Dec 2024 20:18

Tgt Ion: 77 Resp: 23114
Ion Ratio Lower Upper
77 100
182 67.2 5.3 45.3#
105 136.6 0.3 40.3#
51 28.6 9.4 49.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140778.D

Acq: 06 Dec 2024 20:18

Instrument :

BNA_F

ClientSampleId :

COMP-1

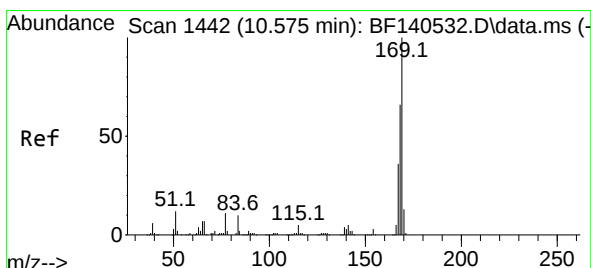
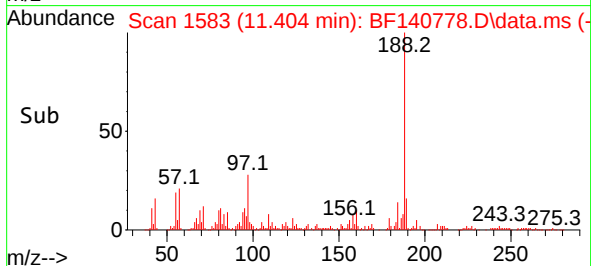
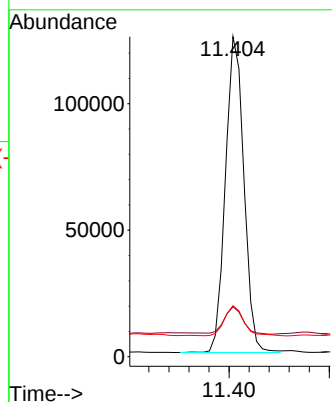
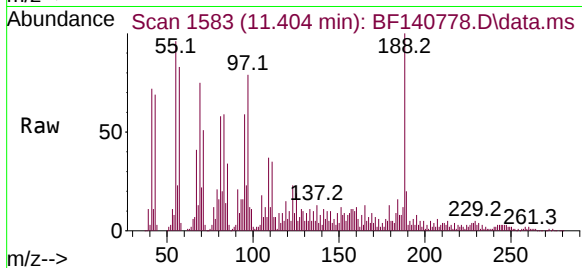
Tgt Ion:188 Resp: 159409

Ion Ratio Lower Upper

188 100

94 15.6 6.4 9.6#

80 16.0 6.9 10.3#



#66

n-Nitrosodiphenylamine

Concen: 6.510 ng

RT: 10.569 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF140778.D

Acq: 06 Dec 2024 20:18

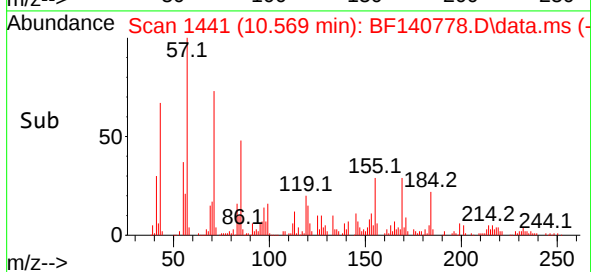
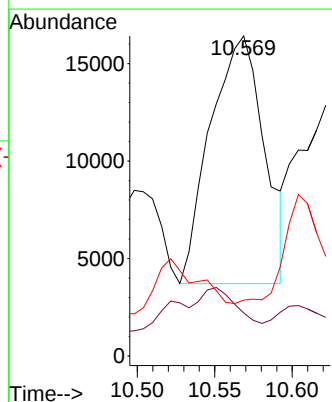
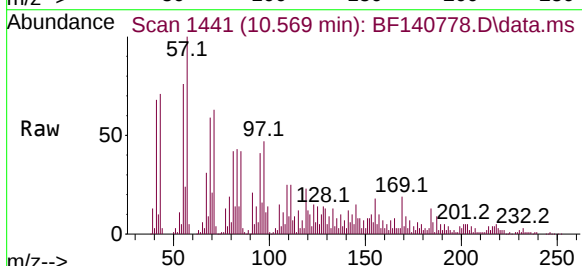
Tgt Ion:169 Resp: 30690

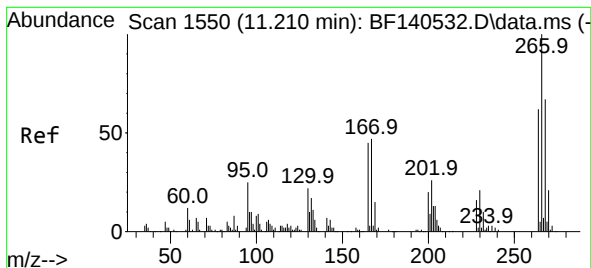
Ion Ratio Lower Upper

169 100

168 13.5 53.2 79.8#

167 17.5 29.0 43.6#





#70

Pentachlorophenol

Concen: 4.510 ng

RT: 11.233 min Scan# 1554

Delta R.T. 0.023 min

Lab File: BF140778.D

Acq: 06 Dec 2024 20:18

Instrument :

BNA_F

ClientSampleId :

COMP-1

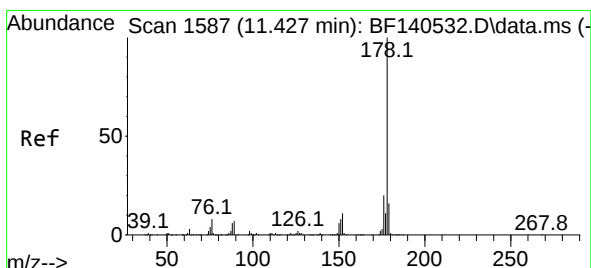
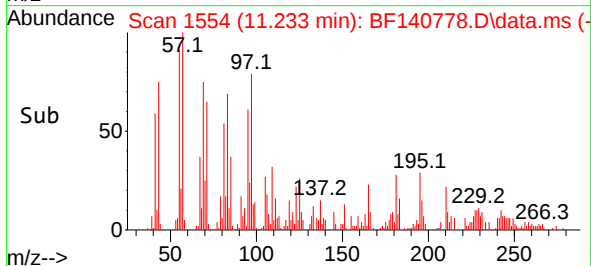
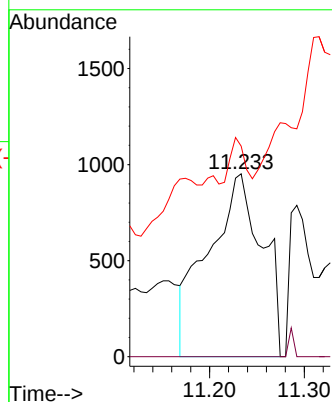
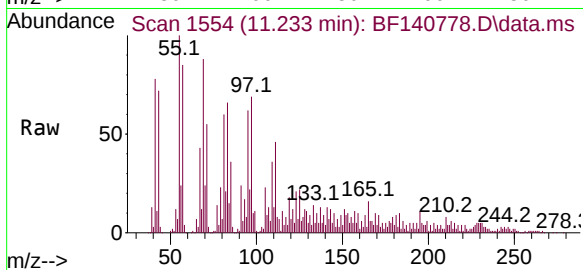
Tgt Ion:266 Resp: 3773

Ion Ratio Lower Upper

266 100

268 0.0 53.7 80.5#

264 115.1 49.8 74.8#



#71

Phenanthrene

Concen: 5.525 ng

RT: 11.427 min Scan# 1587

Delta R.T. -0.000 min

Lab File: BF140778.D

Acq: 06 Dec 2024 20:18

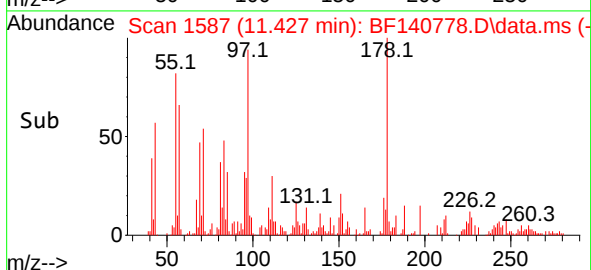
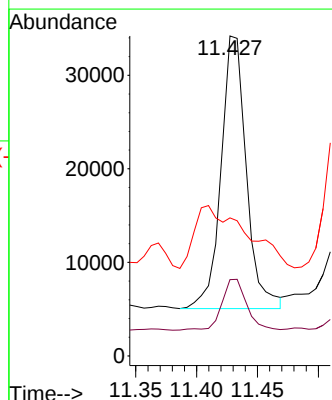
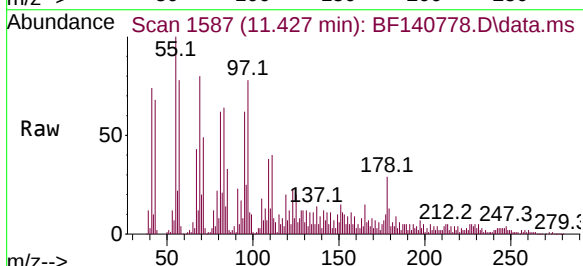
Tgt Ion:178 Resp: 42338

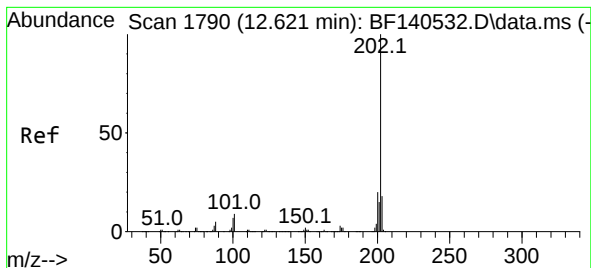
Ion Ratio Lower Upper

178 100

176 23.9 15.8 23.6#

179 43.2 12.4 18.6#





#75

Fluoranthene

Concen: 2.504 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140778.D

Acq: 06 Dec 2024 20:18

Instrument :

BNA_F

ClientSampleId :

COMP-1

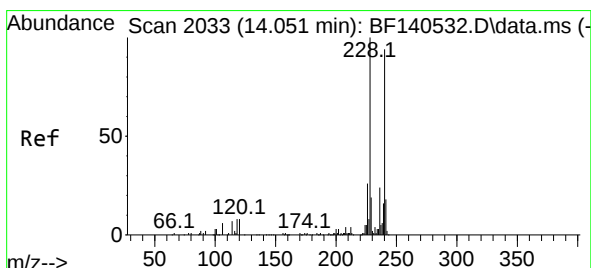
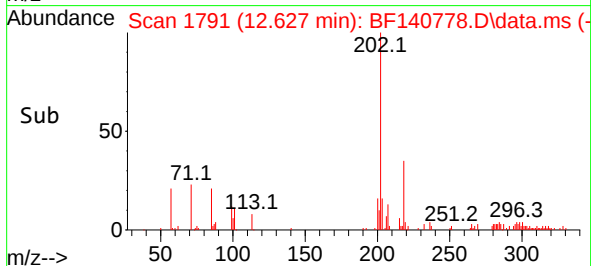
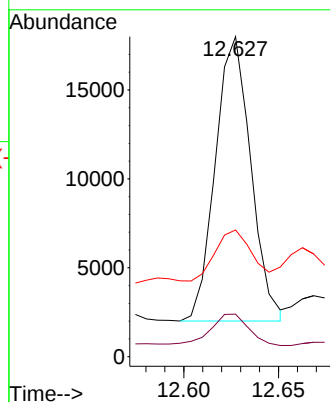
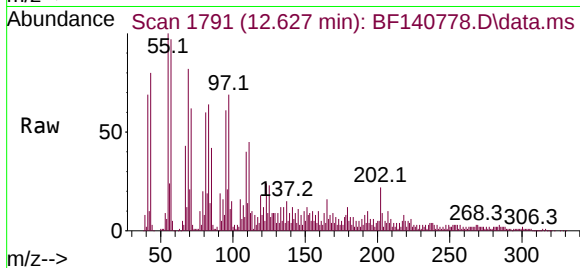
Tgt Ion:202 Resp: 20832

Ion Ratio Lower Upper

202 100

101 13.3 0.0 28.9

203 39.6 0.0 37.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140778.D

Acq: 06 Dec 2024 20:18

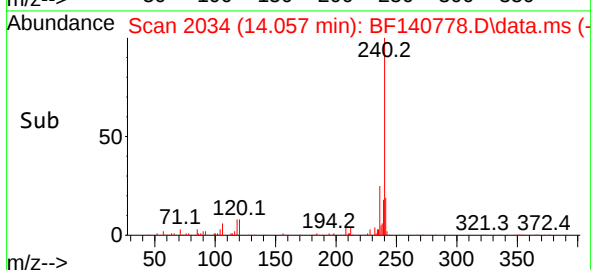
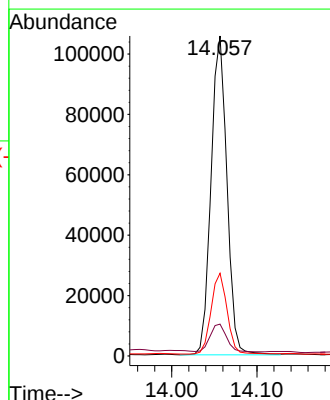
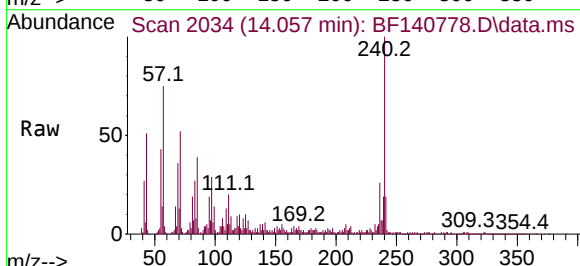
Tgt Ion:240 Resp: 136931

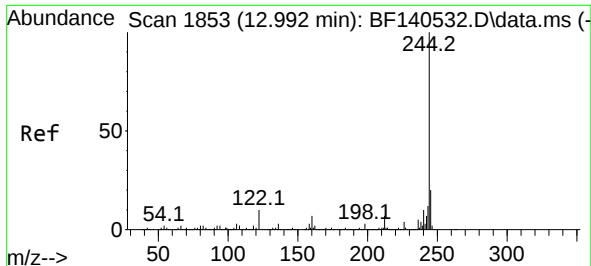
Ion Ratio Lower Upper

240 100

120 9.9 7.3 10.9

236 25.9 20.6 31.0

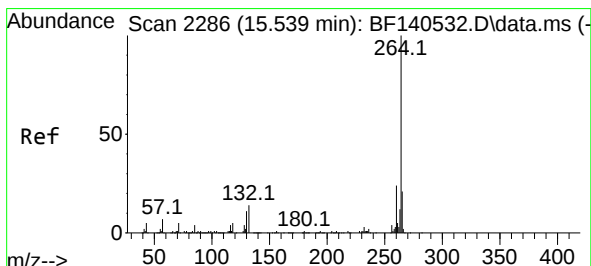
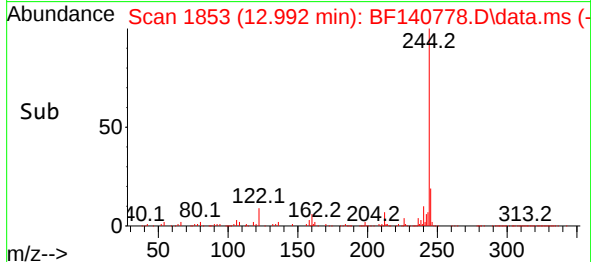
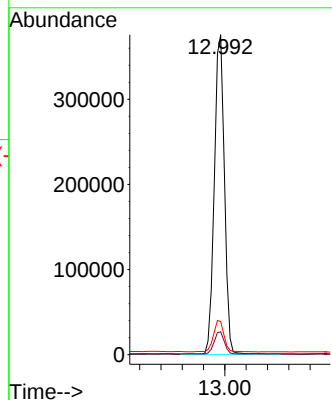
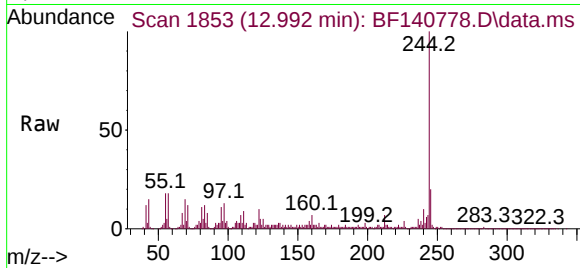




#79
 Terphenyl-d14
 Concen: 56.203 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140778.D
 Acq: 06 Dec 2024 20:18

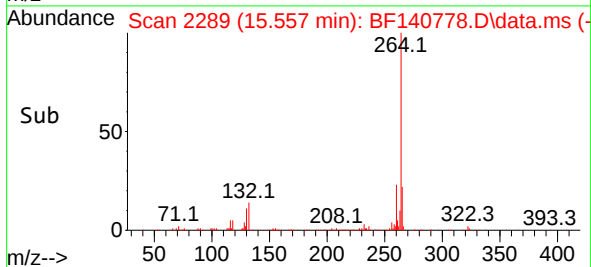
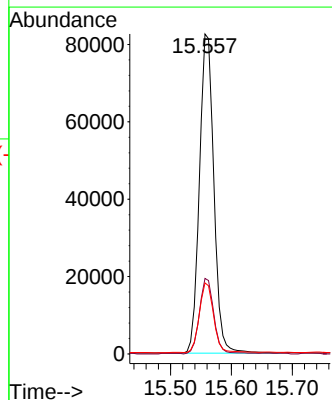
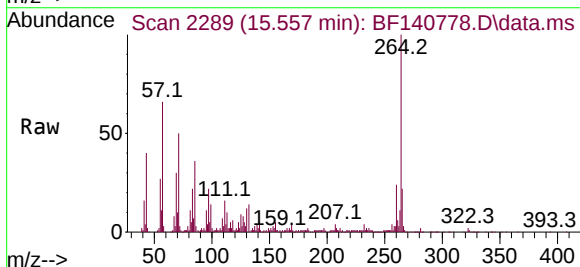
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

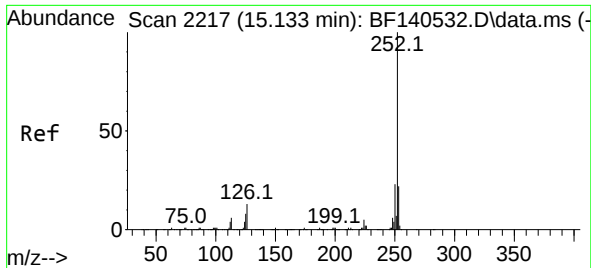
Tgt Ion:244 Resp: 494242
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.3 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2289
 Delta R.T. 0.018 min
 Lab File: BF140778.D
 Acq: 06 Dec 2024 20:18

Tgt Ion:264 Resp: 135401
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 22.2 16.6 25.0





#89

Benzo(k)fluoranthene

Concen: 2.080 ng

RT: 15.121 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140778.D

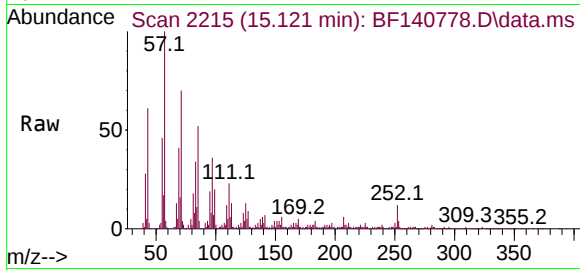
Acq: 06 Dec 2024 20:18

Instrument :

BNA_F

ClientSampleId :

COMP-1



Tgt Ion:252 Resp: 15482

Ion Ratio Lower Upper

252 100

253 34.3 17.5 26.3#

125 114.5 6.5 9.7#

