

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140559.D
 Acq On : 22 Nov 2024 01:47
 Operator : RC/JU
 Sample : P4887-05RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-760RE

Quant Time: Nov 22 02:55:21 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)

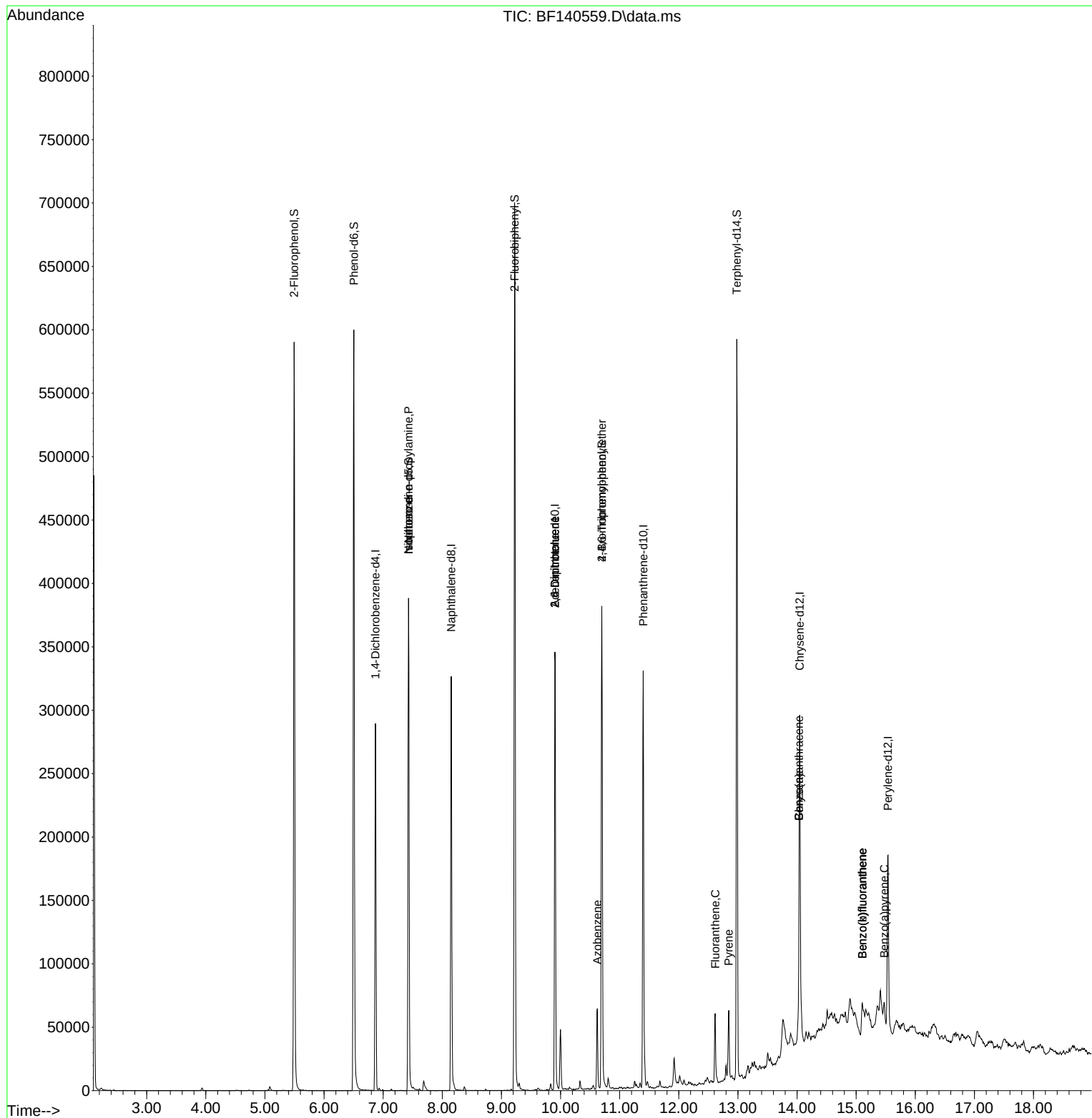
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	59971	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	207650	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	109059	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	178917	20.000	ng	0.00
76) Chrysene-d12	14.045	240	111658	20.000	ng	0.00
86) Perylene-d12	15.539	264	83146	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	221743	63.087	ng	0.00
7) Phenol-d6	6.504	99	278453	59.924	ng	-0.01
23) Nitrobenzene-d5	7.428	82	176123	43.384	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	65949	56.541	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	320040	43.723	ng	-0.01
79) Terphenyl-d14	12.980	244	278487	38.837	ng	-0.01
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.428	70	23935	8.716	ng	# 77
25) Isophorone	7.428	82	171441	25.320	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	13752	8.442	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	13752	6.352	ng	# 17
63) Azobenzene	10.622	77	18175	2.630	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	4365	2.369	ng	# 1
75) Fluoranthene	12.616	202	32337	3.463	ng	98
78) Pyrene	12.845	202	31833	3.083	ng	99
81) Benzo(a)anthracene	14.033	228	17009	2.301	ng	97
83) Chrysene	14.033	228	17009	2.517	ng	94
88) Benzo(b)fluoranthene	15.104	252	19693	3.771	ng	# 93
89) Benzo(k)fluoranthene	15.104	252	19693	4.309	ng	# 93
90) Benzo(a)pyrene	15.474	252	10275	2.420	ng	# 86

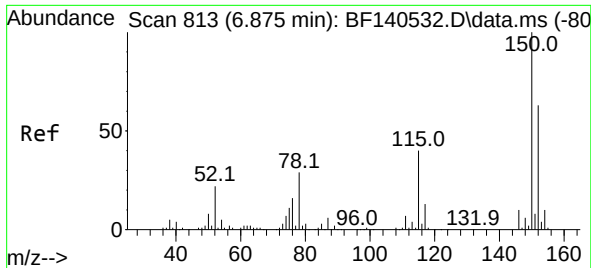
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140559.D
Acq On : 22 Nov 2024 01:47
Operator : RC/JU
Sample : P4887-05RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-760RE

Quant Time: Nov 22 02:55:21 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

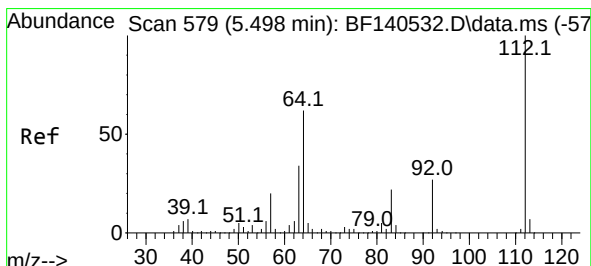
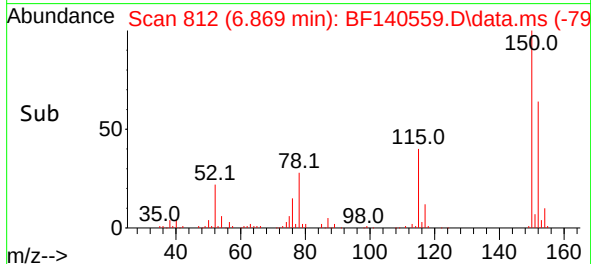
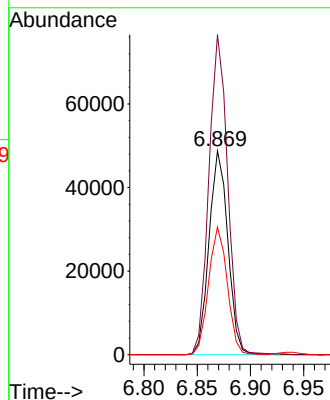
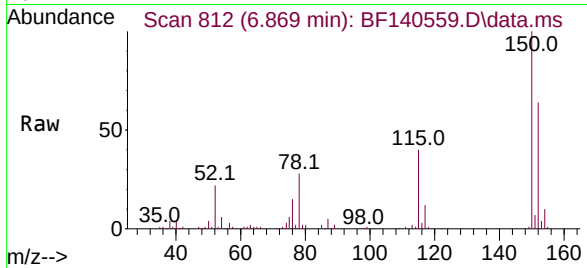




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140559.D
Acq: 22 Nov 2024 01:47

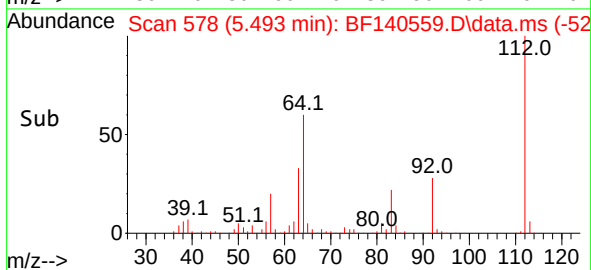
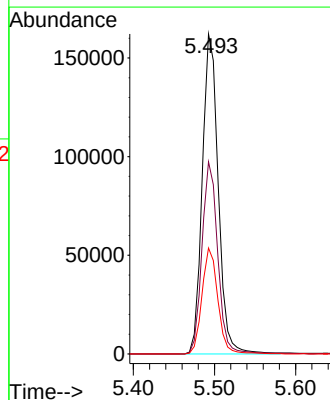
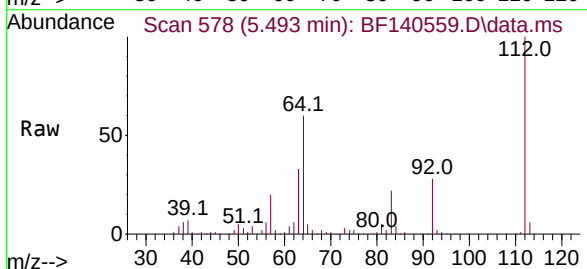
Instrument :
BNA_F
ClientSampleId :
MH-760RE

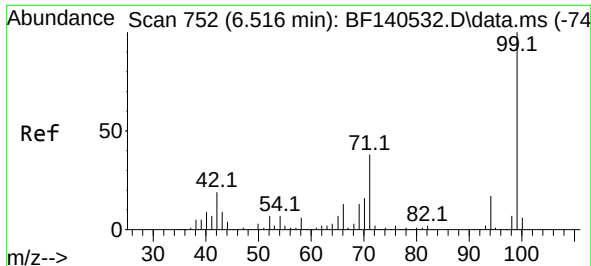
Tgt Ion:152 Resp: 59971
Ion Ratio Lower Upper
152 100
150 157.0 128.5 192.7
115 62.6 50.2 75.4



#5
2-Fluorophenol
Concen: 63.087 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF140559.D
Acq: 22 Nov 2024 01:47

Tgt Ion:112 Resp: 221743
Ion Ratio Lower Upper
112 100
64 60.1 49.2 73.8
63 33.1 27.0 40.4

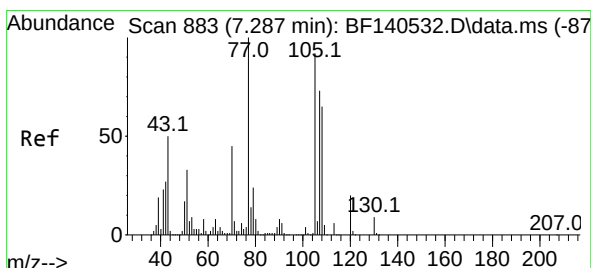
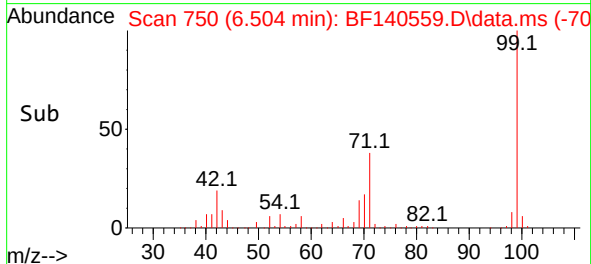
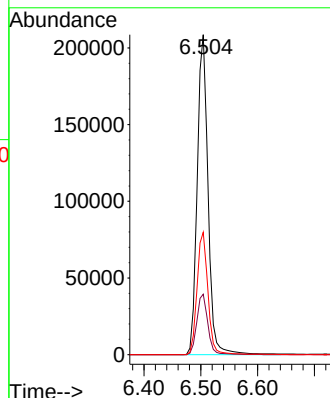
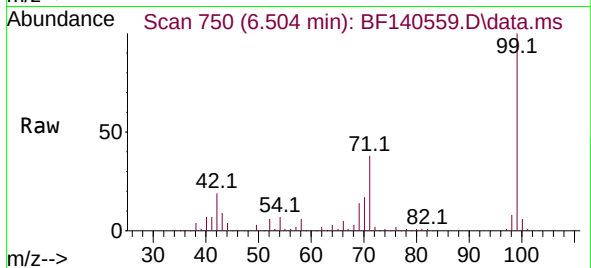




#7
Phenol-d6
Concen: 59.924 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140559.D
Acq: 22 Nov 2024 01:47

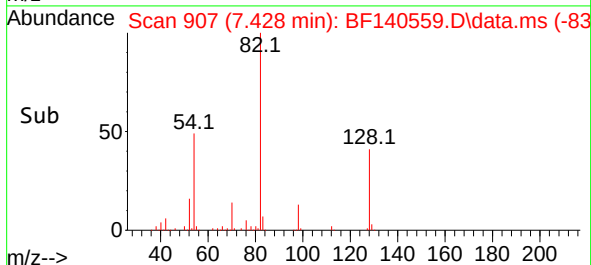
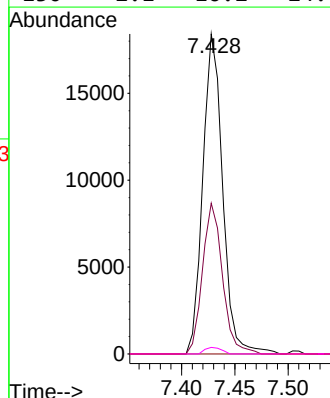
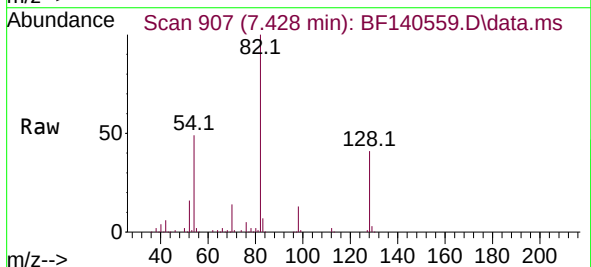
Instrument :
BNA_F
ClientSampleId :
MH-760RE

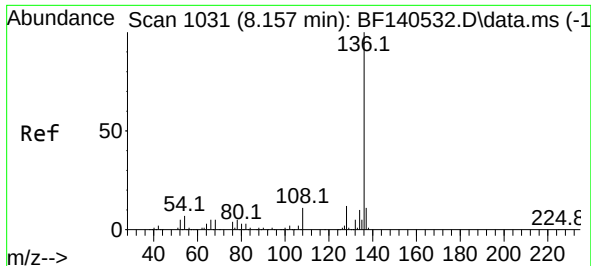
Tgt Ion: 99 Resp: 278453
Ion Ratio Lower Upper
99 100
42 18.9 15.4 23.0
71 38.3 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 8.716 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140559.D
Acq: 22 Nov 2024 01:47

Tgt Ion: 70 Resp: 23935
Ion Ratio Lower Upper
70 100
42 47.1 47.6 71.4#
101 0.0 7.6 11.4#
130 2.1 16.2 24.4#



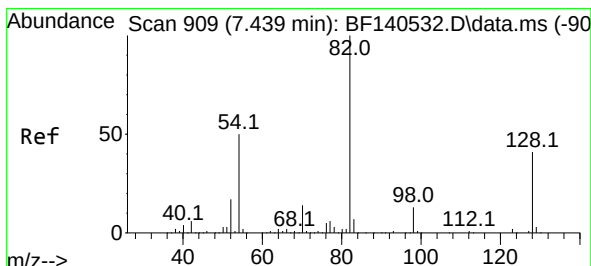
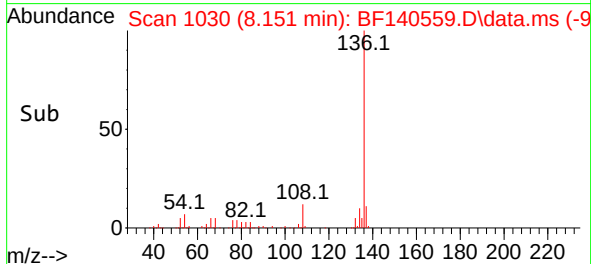
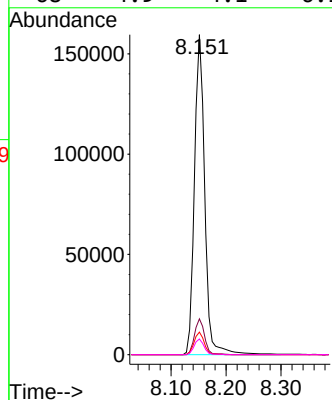
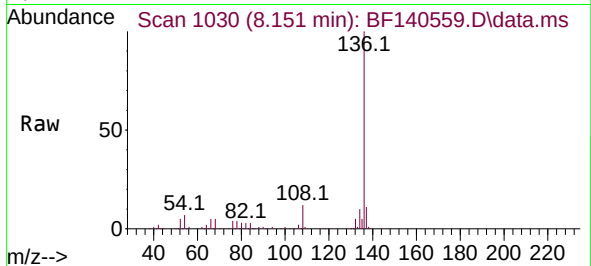


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140559.D
Acq: 22 Nov 2024 01:47

Instrument :
BNA_F
ClientSampleId :
MH-760RE

Tgt Ion:136 Resp: 207650

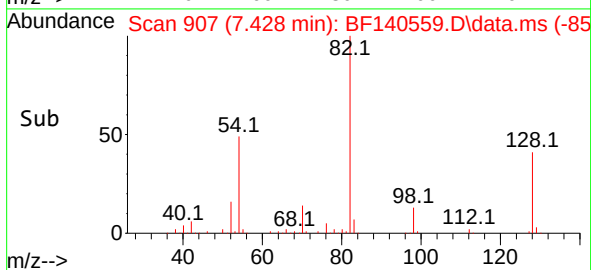
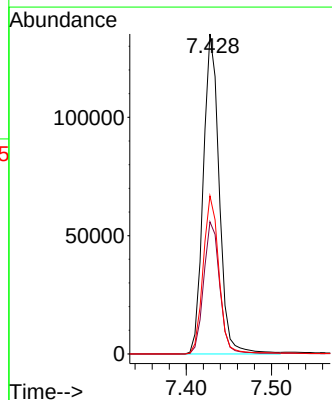
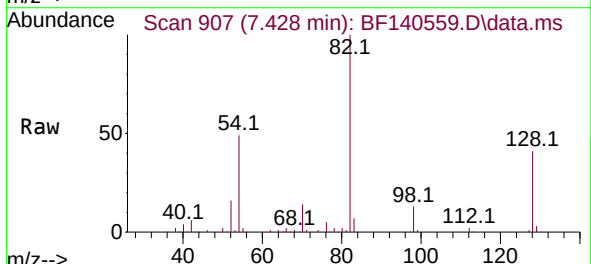
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.1	5.8	8.8
68	4.9	4.1	6.1

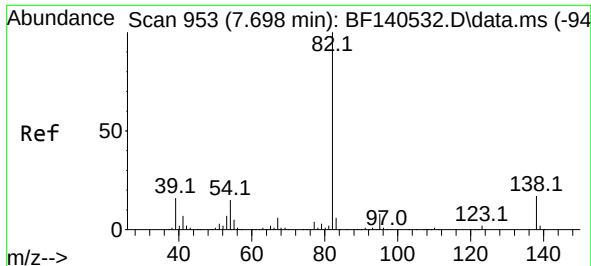


#23
Nitrobenzene-d5
Concen: 43.384 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140559.D
Acq: 22 Nov 2024 01:47

Tgt Ion: 82 Resp: 176123

Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.0	49.4
54	49.4	39.5	59.3

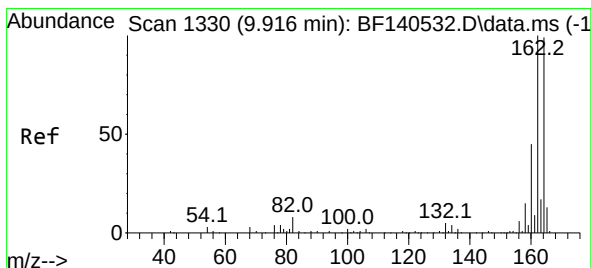
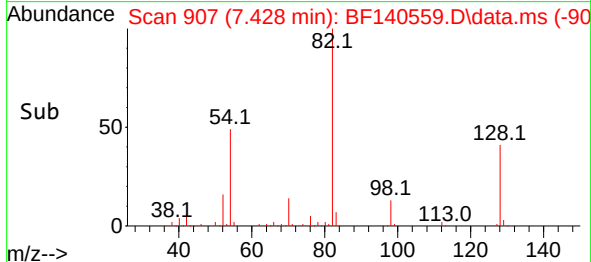
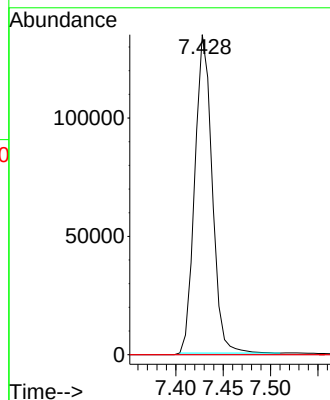
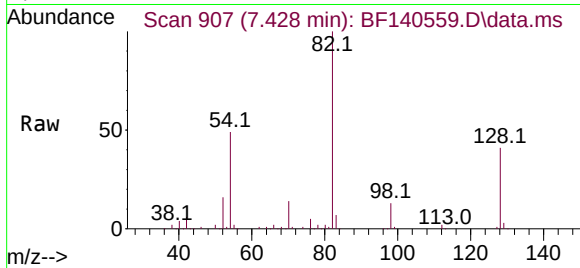




#25
Isophorone
Concen: 25.320 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF140559.D
Acq: 22 Nov 2024 01:47

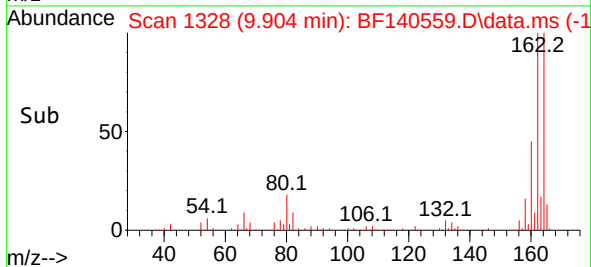
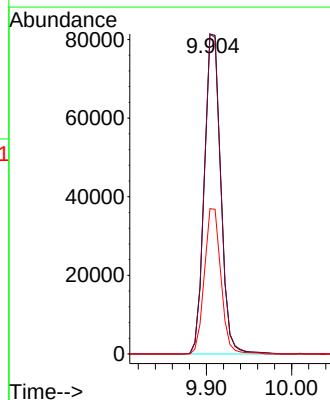
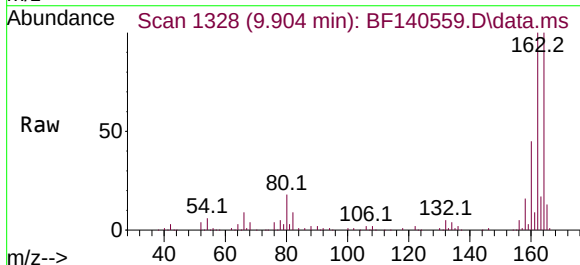
Instrument :
BNA_F
ClientSampleId :
MH-760RE

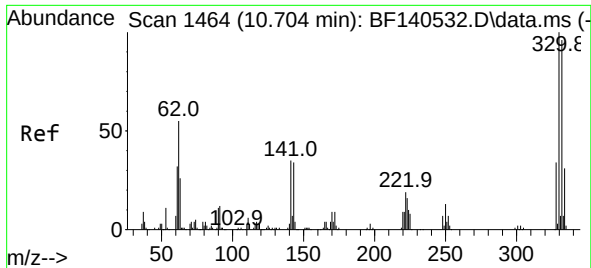
Tgt Ion: 82 Resp: 171441
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140559.D
Acq: 22 Nov 2024 01:47

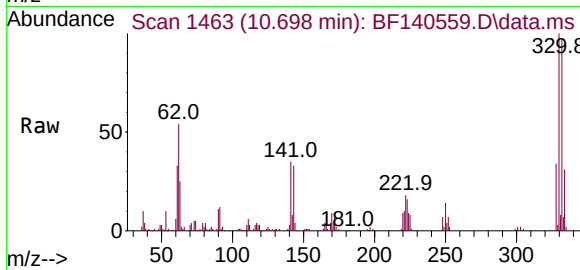
Tgt Ion:164 Resp: 109059
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 45.4 36.2 54.4



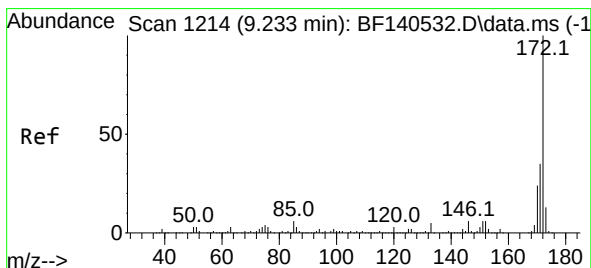
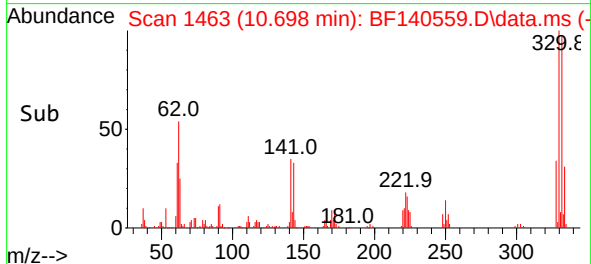
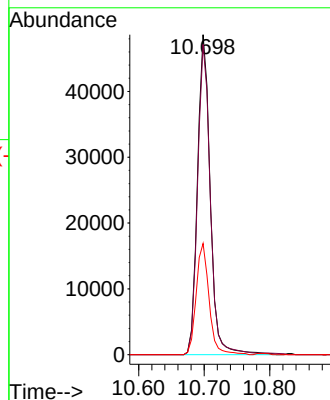


#42
2,4,6-Tribromophenol
Concen: 56.541 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140559.D
Acq: 22 Nov 2024 01:47

Instrument :
BNA_F
ClientSampleId :
MH-760RE

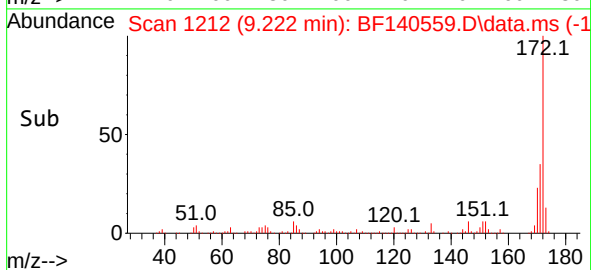
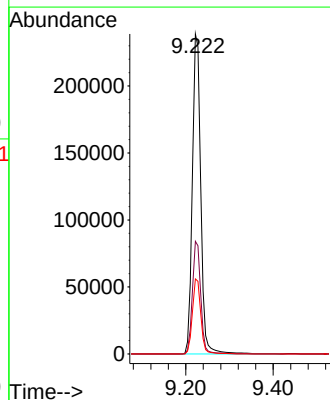
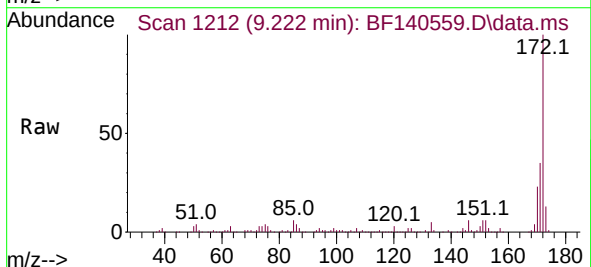


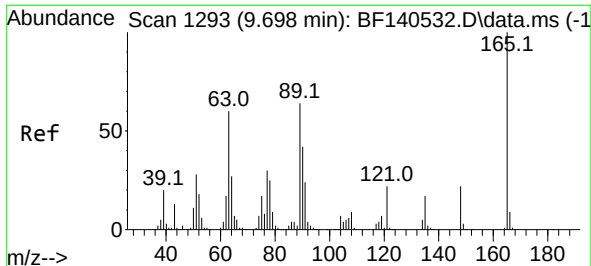
Tgt Ion:330 Resp: 65949
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 35.1 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 43.723 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140559.D
Acq: 22 Nov 2024 01:47

Tgt Ion:172 Resp: 320040
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.5 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.442 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF140559.D

Acq: 22 Nov 2024 01:47

Instrument :

BNA_F

ClientSampleId :

MH-760RE

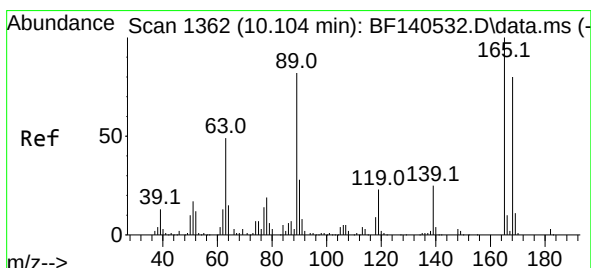
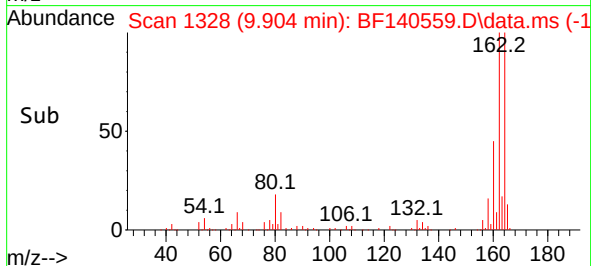
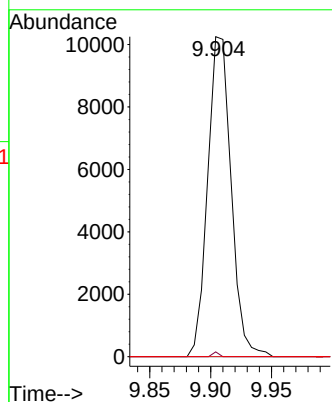
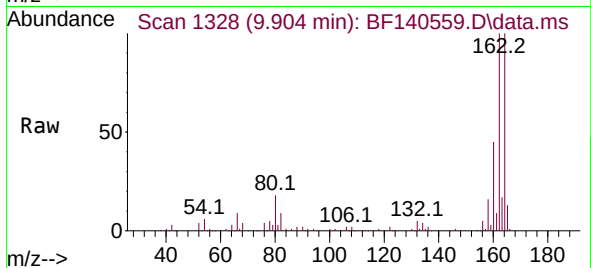
Tgt Ion:165 Resp: 13752

Ion Ratio Lower Upper

165 100

63 1.5 49.9 74.9#

89 0.0 50.9 76.3#



#57

2,4-Dinitrotoluene

Concen: 6.352 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140559.D

Acq: 22 Nov 2024 01:47

Tgt Ion:165 Resp: 13752

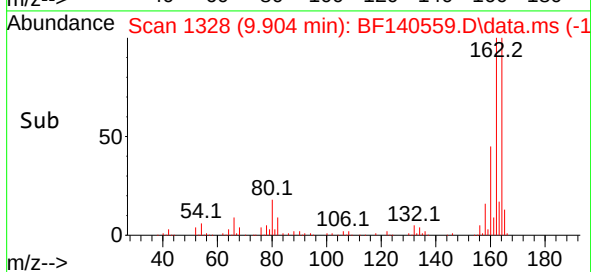
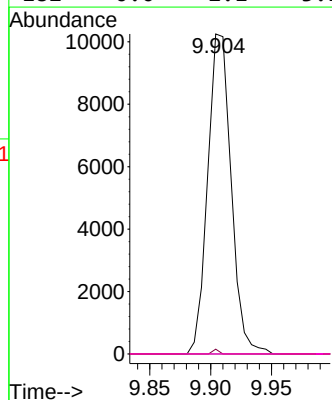
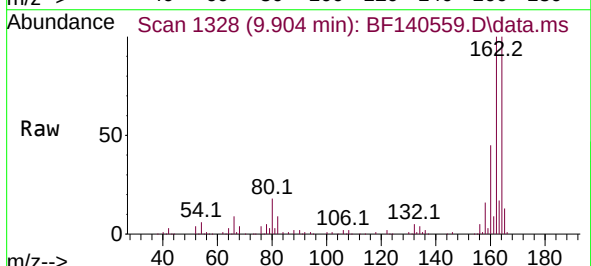
Ion Ratio Lower Upper

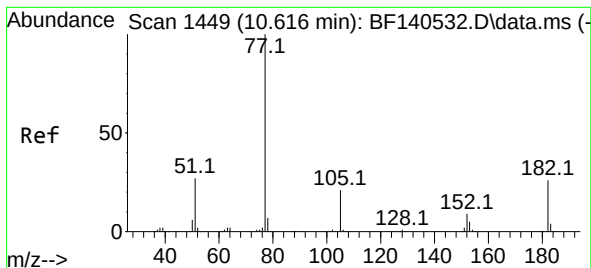
165 100

63 1.5 41.7 62.5#

89 0.0 65.8 98.8#

182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 2.630 ng

RT: 10.622 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF140559.D

Acq: 22 Nov 2024 01:47

Instrument :

BNA_F

ClientSampleId :

MH-760RE

Tgt Ion: 77 Resp: 18175

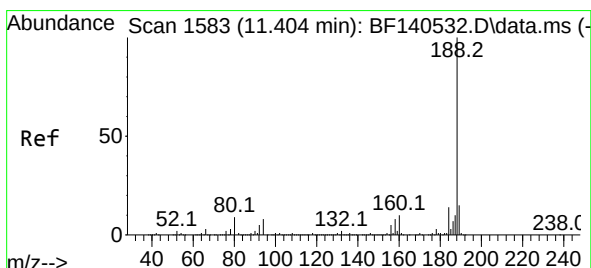
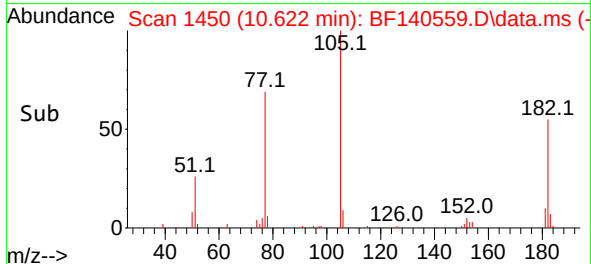
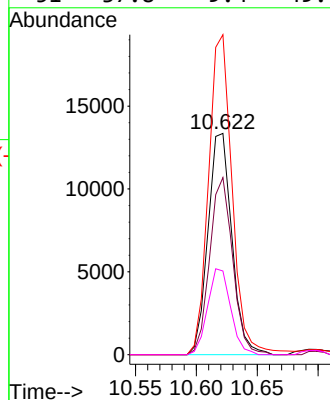
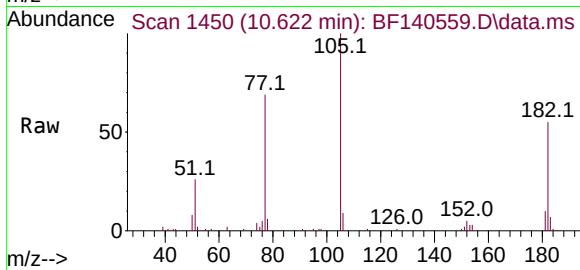
Ion Ratio Lower Upper

77 100

182 80.0 5.3 45.3#

105 144.6 0.3 40.3#

51 37.8 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140559.D

Acq: 22 Nov 2024 01:47

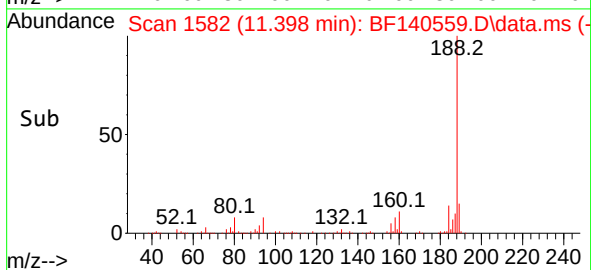
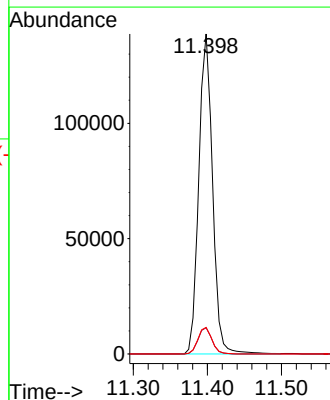
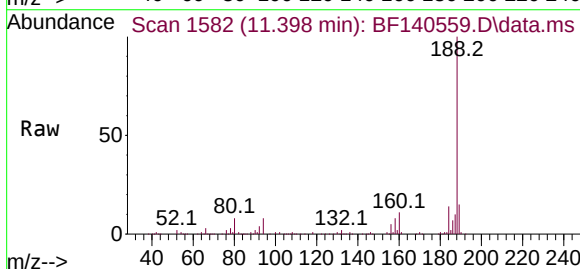
Tgt Ion: 188 Resp: 178917

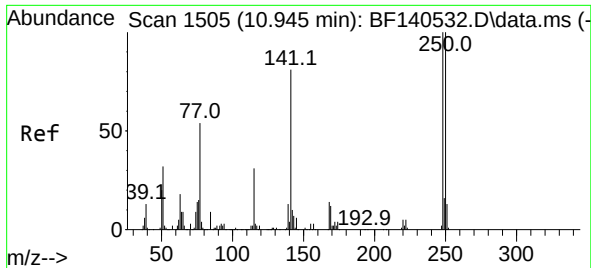
Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.3 6.9 10.3

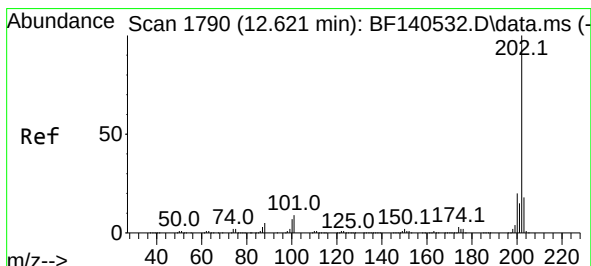
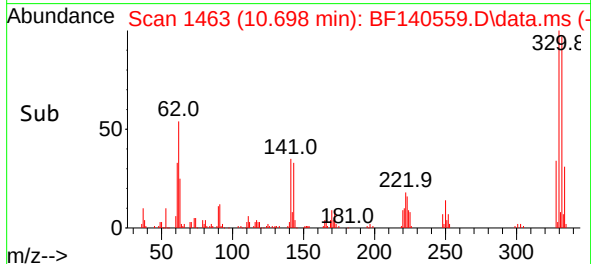
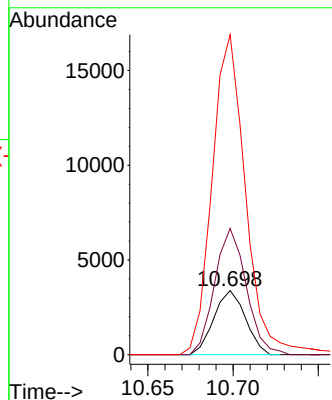
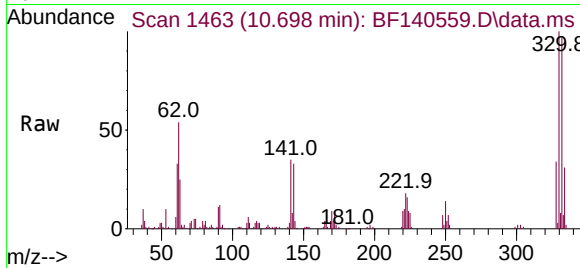




#67
4-Bromophenyl-phenylether
Concen: 2.369 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140559.D
Acq: 22 Nov 2024 01:47

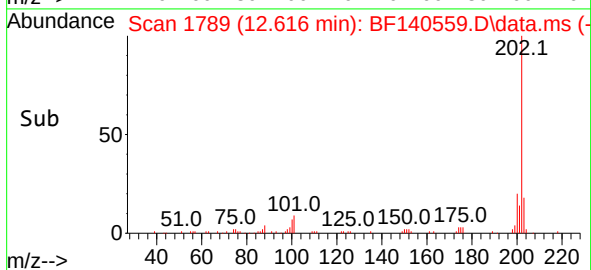
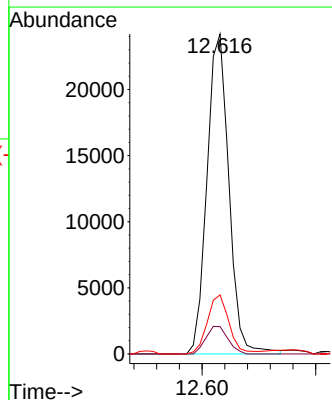
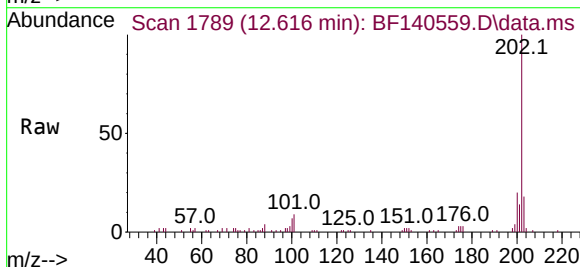
Instrument :
BNA_F
ClientSampleId :
MH-760RE

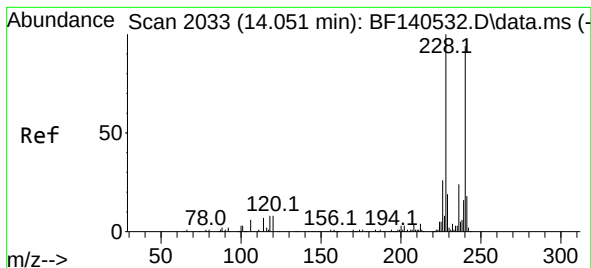
Tgt Ion:248 Resp: 4365
Ion Ratio Lower Upper
248 100
250 196.8 79.8 119.8#
141 498.6 64.7 97.1#



#75
Fluoranthene
Concen: 3.463 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140559.D
Acq: 22 Nov 2024 01:47

Tgt Ion:202 Resp: 32337
Ion Ratio Lower Upper
202 100
101 8.5 0.0 28.9
203 18.5 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140559.D

Acq: 22 Nov 2024 01:47

Instrument :

BNA_F

ClientSampleId :

MH-760RE

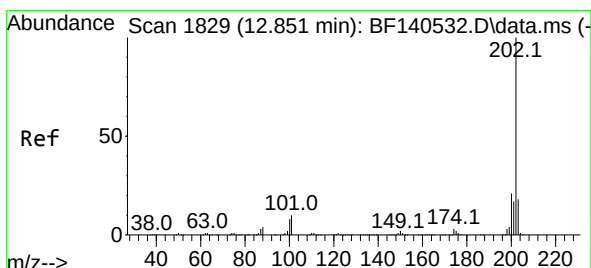
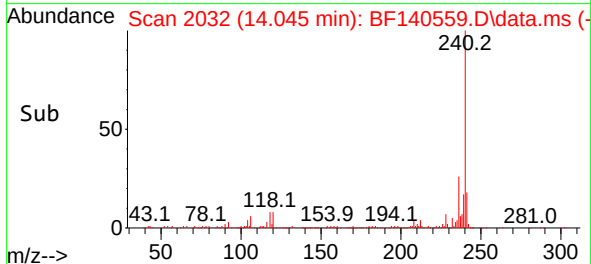
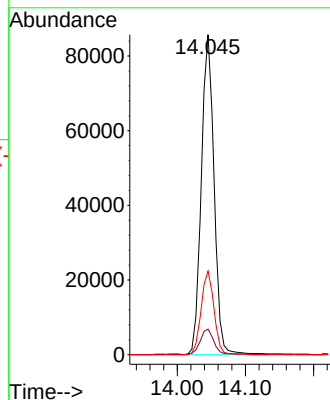
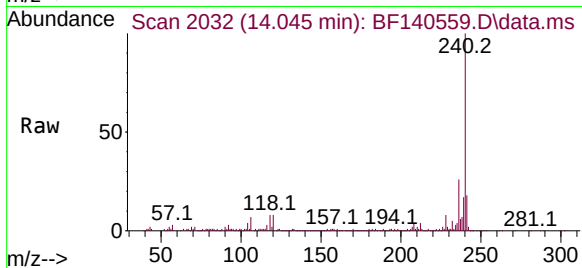
Tgt Ion:240 Resp: 111658

Ion Ratio Lower Upper

240 100

120 8.0 7.3 10.9

236 26.1 20.6 31.0



#78

Pyrene

Concen: 3.083 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF140559.D

Acq: 22 Nov 2024 01:47

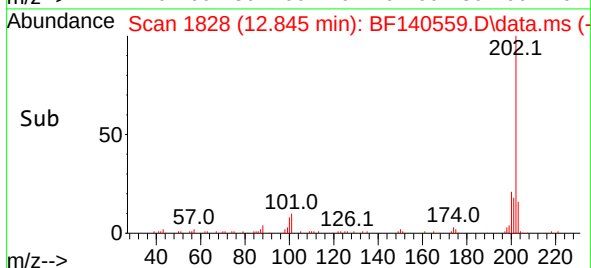
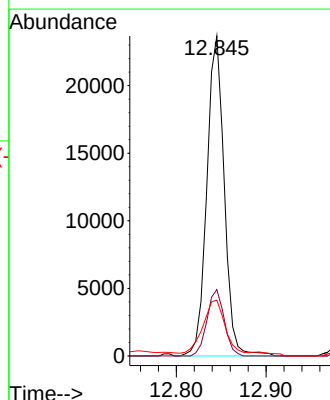
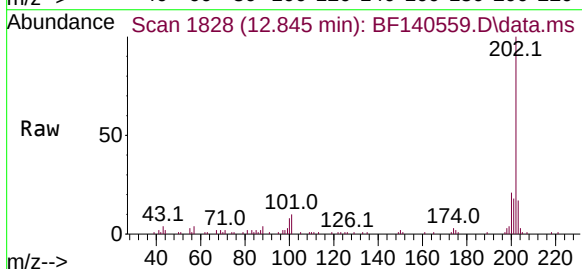
Tgt Ion:202 Resp: 31833

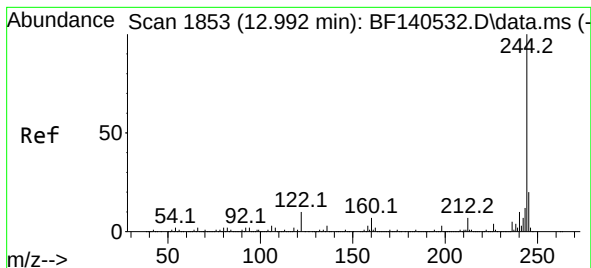
Ion Ratio Lower Upper

202 100

200 20.8 16.5 24.7

203 17.4 14.2 21.4





#79

Terphenyl-d14

Concen: 38.837 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140559.D

Acq: 22 Nov 2024 01:47

Instrument :

BNA_F

ClientSampleId :

MH-760RE

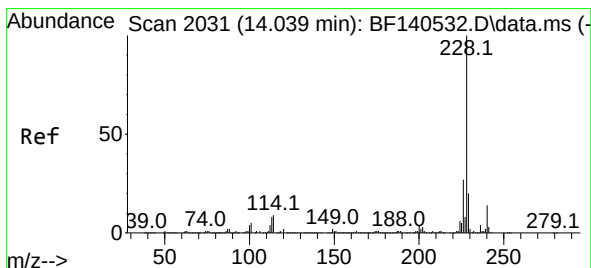
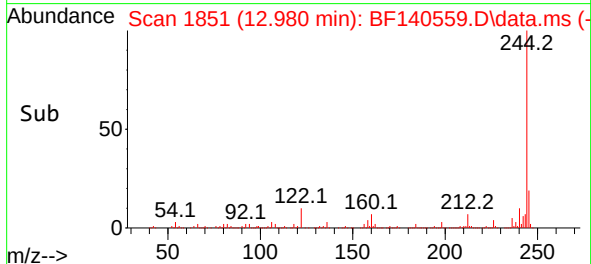
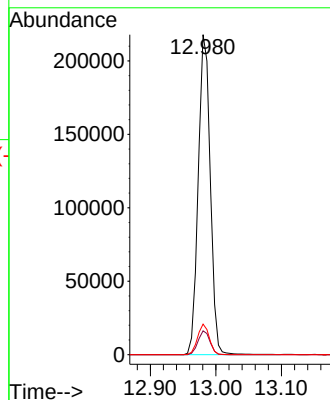
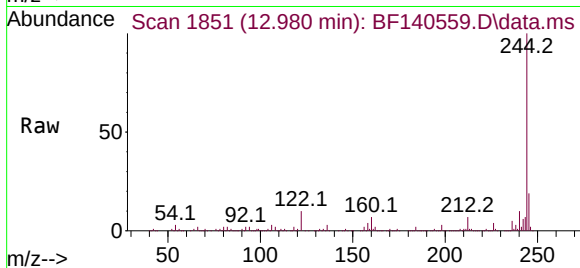
Tgt Ion:244 Resp: 278487

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

122 9.5 8.0 12.0



#81

Benzo(a)anthracene

Concen: 2.301 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF140559.D

Acq: 22 Nov 2024 01:47

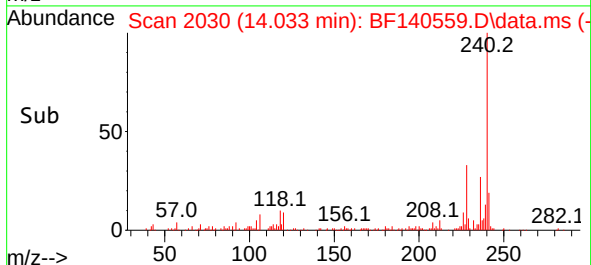
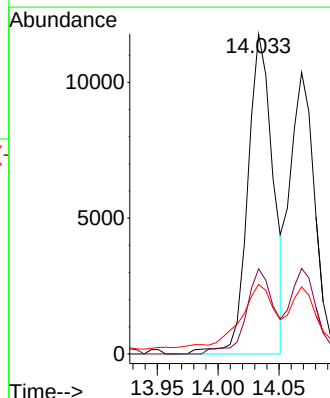
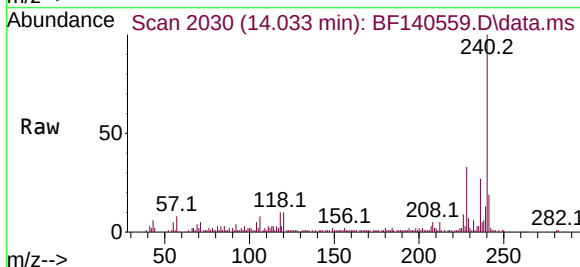
Tgt Ion:228 Resp: 17009

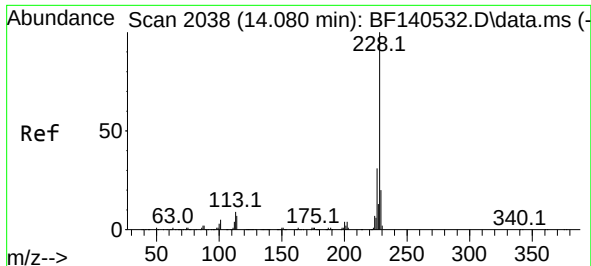
Ion Ratio Lower Upper

228 100

226 26.6 21.8 32.8

229 21.7 15.8 23.6

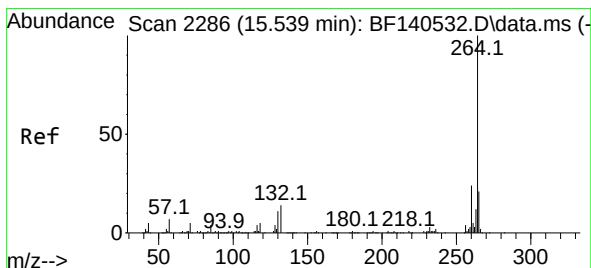
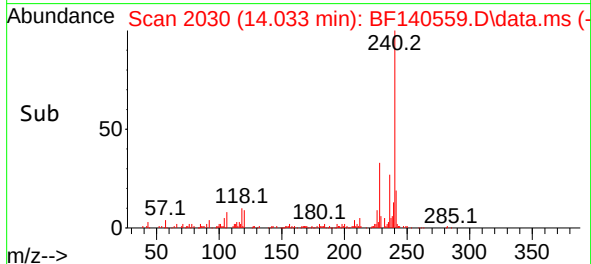
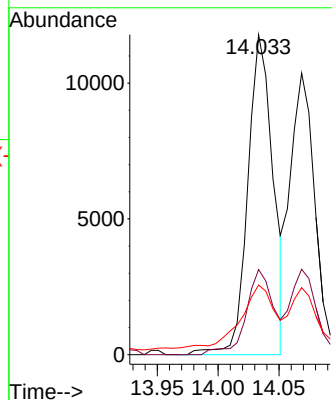
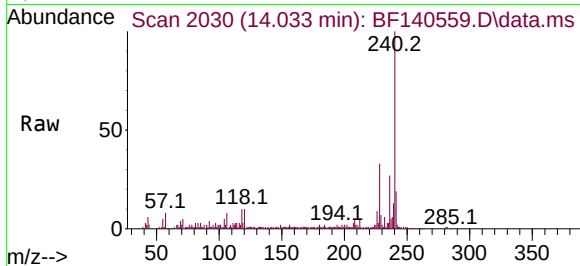




#83
Chrysene
Concen: 2.517 ng
RT: 14.033 min Scan# 2038
Delta R.T. -0.047 min
Lab File: BF140559.D
Acq: 22 Nov 2024 01:47

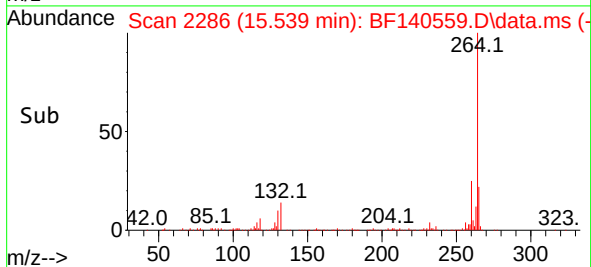
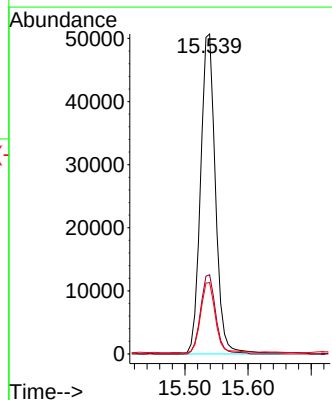
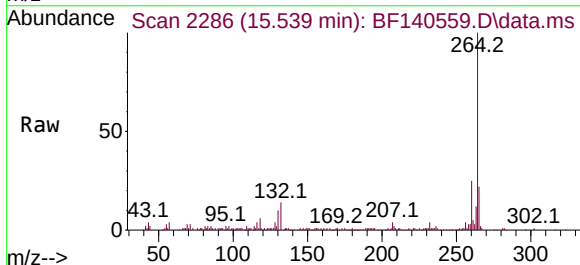
Instrument :
BNA_F
ClientSampleId :
MH-760RE

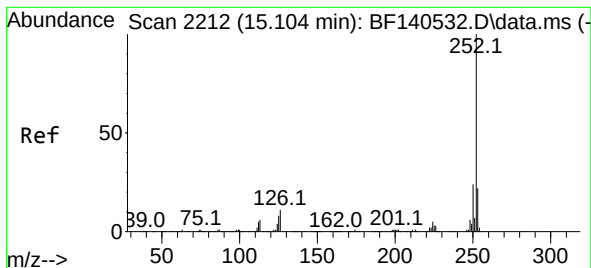
Tgt Ion:228	Resp:	17009
Ion Ratio	Lower	Upper
228	100	
226	26.6	24.4 36.6
229	21.7	15.8 23.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. 0.000 min
Lab File: BF140559.D
Acq: 22 Nov 2024 01:47

Tgt Ion:264	Resp:	83146
Ion Ratio	Lower	Upper
264	100	
260	24.8	19.0 28.6
265	22.3	16.6 25.0





#88

Benzo(b)fluoranthene

Concen: 3.771 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140559.D

Acq: 22 Nov 2024 01:47

Instrument :

BNA_F

ClientSampleId :

MH-760RE

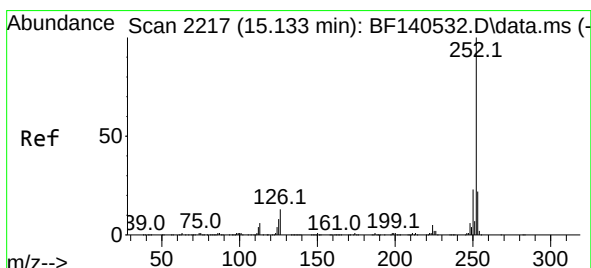
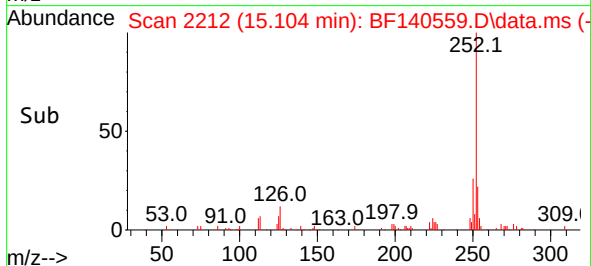
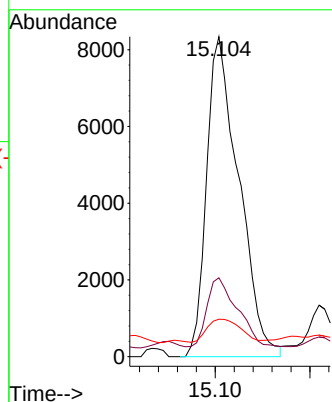
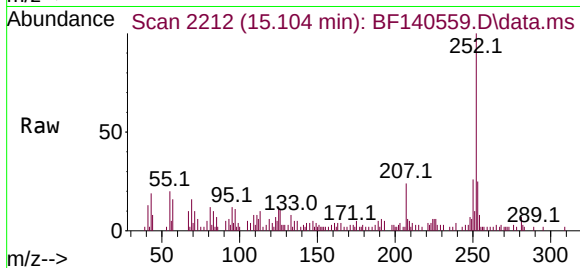
Tgt Ion:252 Resp: 19693

Ion Ratio Lower Upper

252 100

253 24.7 17.2 25.8

125 11.7 6.7 10.1#



#89

Benzo(k)fluoranthene

Concen: 4.309 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.029 min

Lab File: BF140559.D

Acq: 22 Nov 2024 01:47

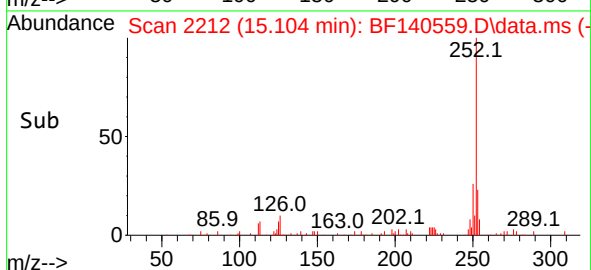
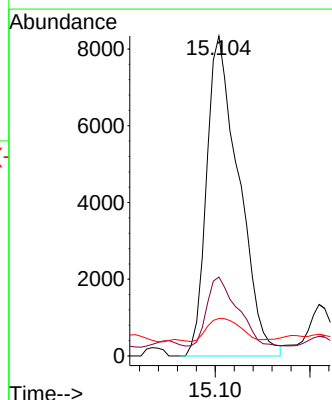
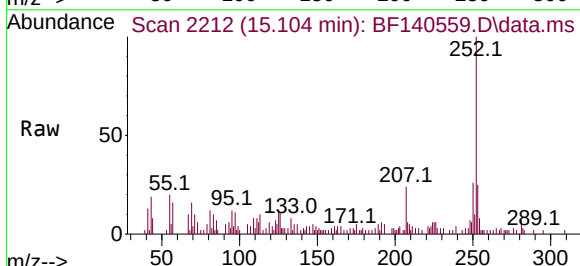
Tgt Ion:252 Resp: 19693

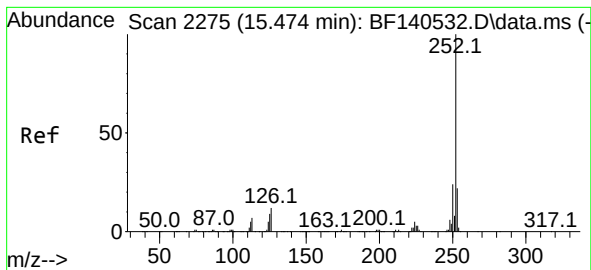
Ion Ratio Lower Upper

252 100

253 24.7 17.5 26.3

125 11.7 6.5 9.7#





#90

Benzo(a)pyrene

Concen: 2.420 ng

RT: 15.474 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140559.D

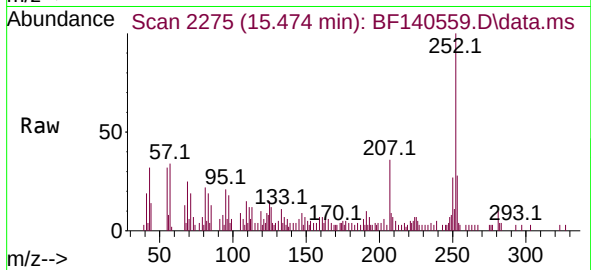
Acq: 22 Nov 2024 01:47

Instrument :

BNA_F

ClientSampleId :

MH-760RE



Tgt Ion:252 Resp: 10275

Ion Ratio Lower Upper

252 100

253 27.5 17.3 25.9#

125 15.3 7.0 10.6#

