

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140925.D
 Acq On : 19 Dec 2024 14:47
 Operator : RC/JU
 Sample : P5337-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-357

Quant Time: Dec 19 15:16:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

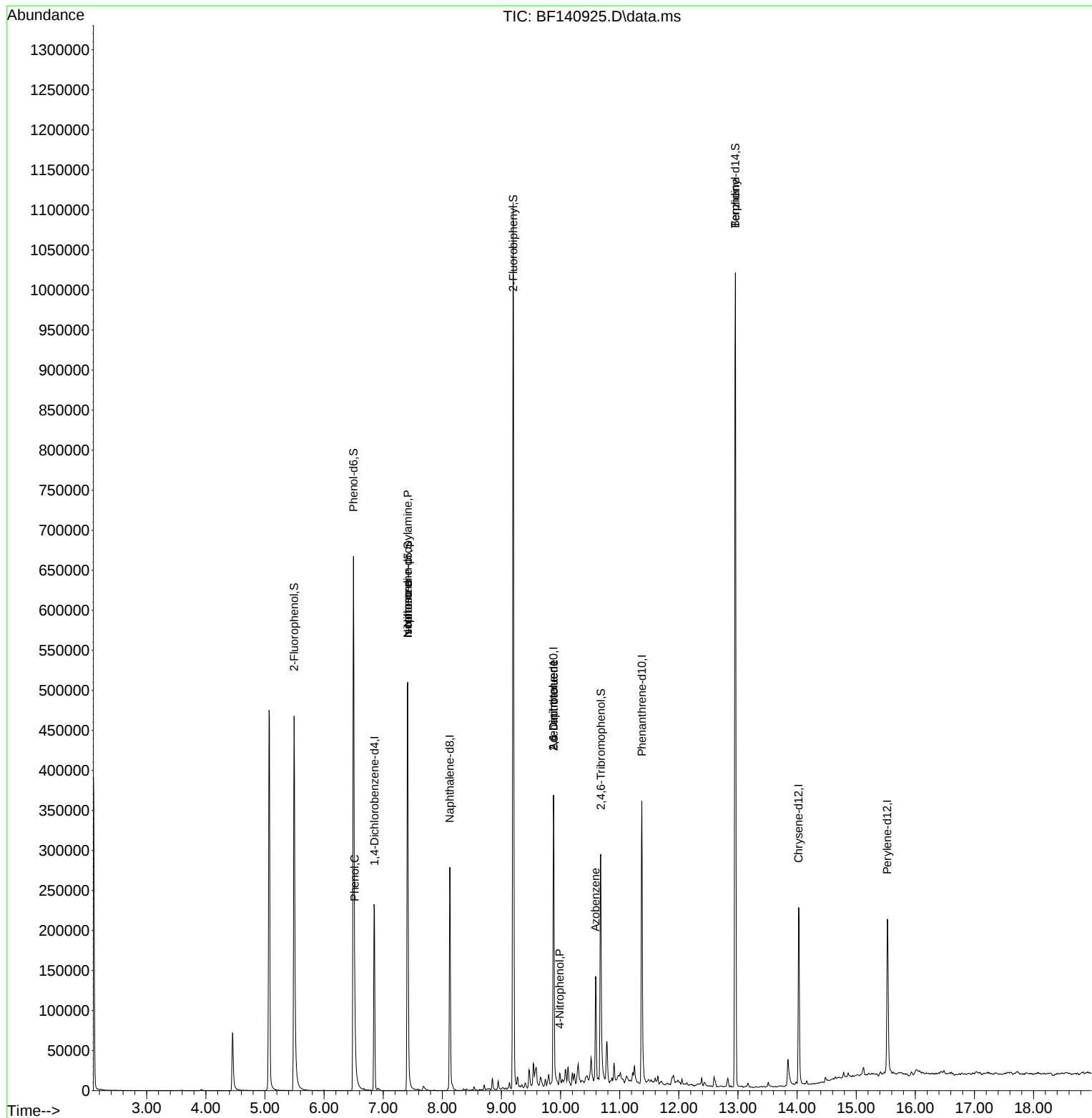
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	52475	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	186476	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	113274	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	189803	20.000	ng	0.00
76) Chrysene-d12	14.027	240	118500	20.000	ng	0.00
86) Perylene-d12	15.527	264	129732	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	227453	71.354	ng	0.00
7) Phenol-d6	6.498	99	365016	86.454	ng	0.00
23) Nitrobenzene-d5	7.416	82	260635	69.928	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	59326	44.283	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	505639	61.371	ng	0.00
79) Terphenyl-d14	12.957	244	511429	68.055	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.516	94	27357	6.252	ng	87
19) n-Nitroso-di-n-propyla...	7.416	70	33535	13.241	ng	# 76
25) Isophorone	7.416	82	256583	41.085	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	15169	8.309	ng	# 21
56) 4-Nitrophenol	9.986	139	415	4.844	ng	# 44
57) 2,4-Dinitrotoluene	9.880	165	15232	6.341	ng	# 15
63) Azobenzene	10.592	77	35264	4.530	ng	# 1
77) Benzidine	12.957	184	6558	2.712	ng	# 94

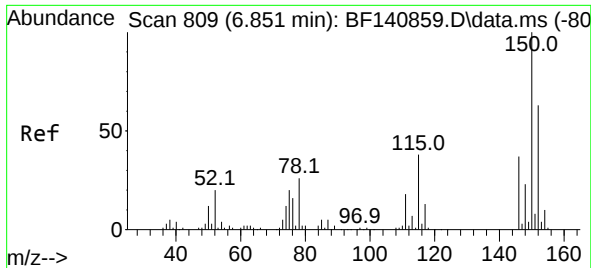
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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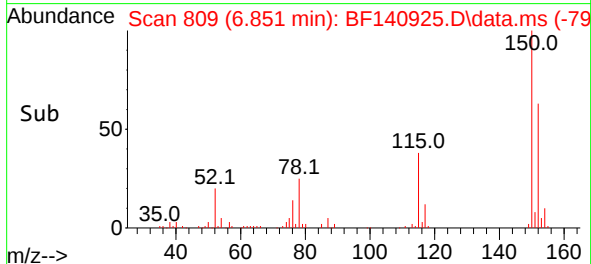
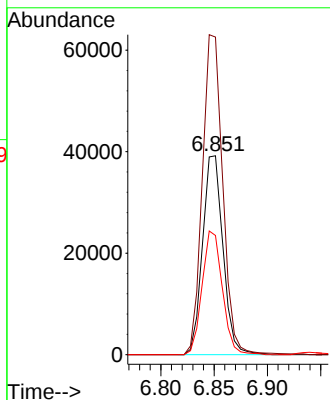
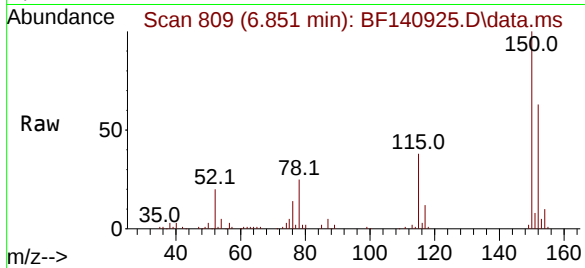




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF140925.D
Acq: 19 Dec 2024 14:47

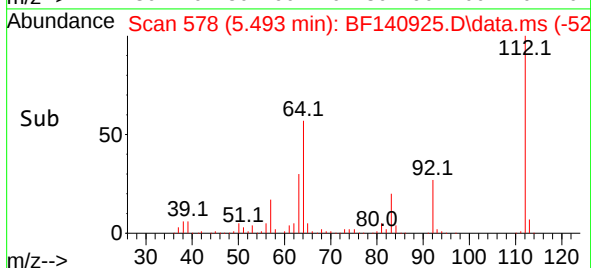
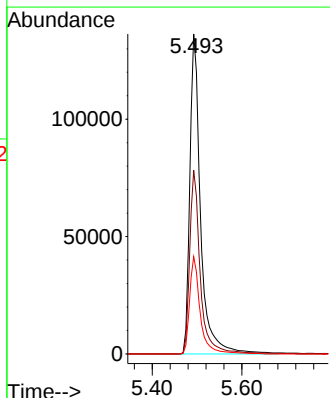
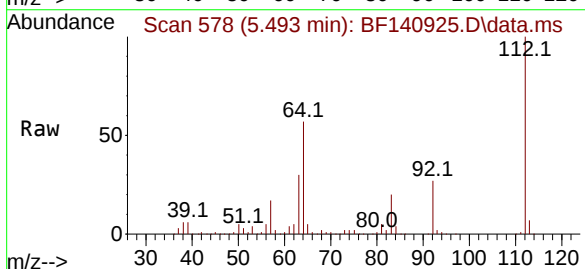
Instrument :
BNA_F
ClientSampleId :
ETGI-357

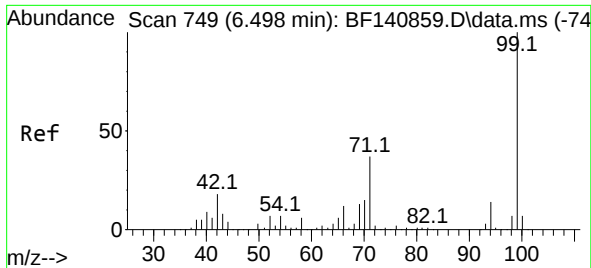
Tgt Ion:152 Resp: 52475
Ion Ratio Lower Upper
152 100
150 159.7 127.9 191.9
115 60.0 48.0 72.0



#5
2-Fluorophenol
Concen: 71.354 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF140925.D
Acq: 19 Dec 2024 14:47

Tgt Ion:112 Resp: 227453
Ion Ratio Lower Upper
112 100
64 57.4 46.1 69.1
63 30.4 24.9 37.3





#7

Phenol-d6

Concen: 86.454 ng

RT: 6.498 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF140925.D

Acq: 19 Dec 2024 14:47

Instrument :

BNA_F

ClientSampleId :

ETGI-357

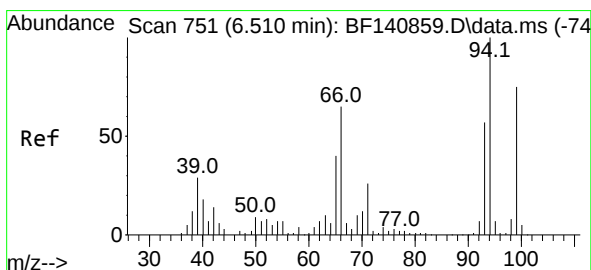
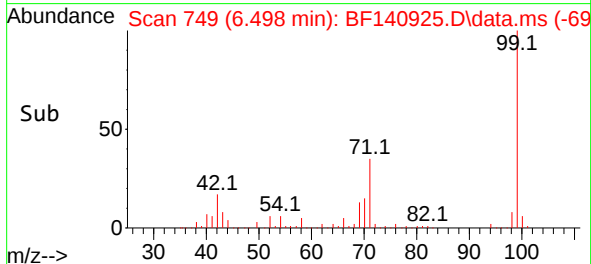
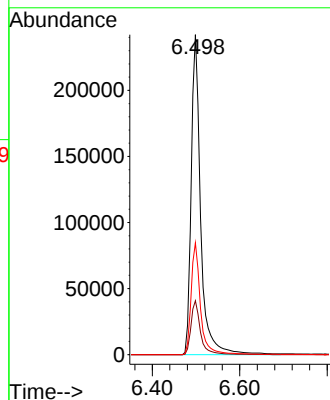
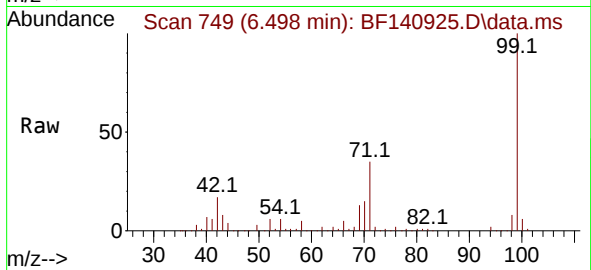
Tgt Ion: 99 Resp: 365016

Ion Ratio Lower Upper

99 100

42 16.9 14.3 21.5

71 35.0 29.9 44.9



#10

Phenol

Concen: 6.252 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140925.D

Acq: 19 Dec 2024 14:47

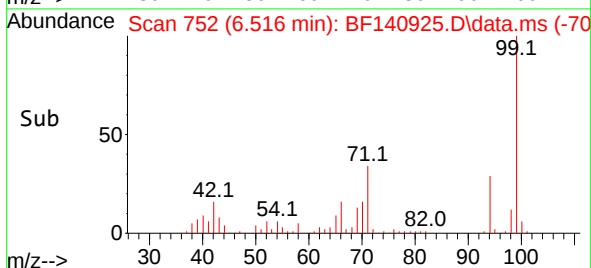
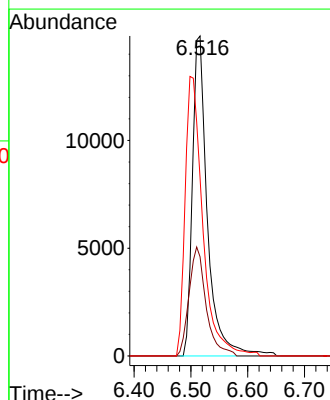
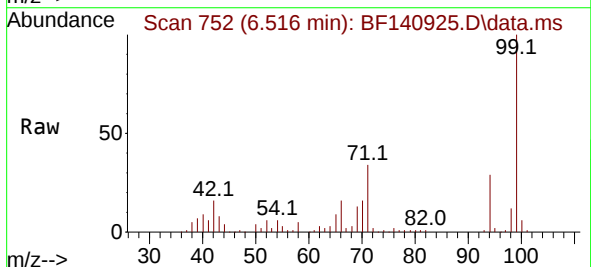
Tgt Ion: 94 Resp: 27357

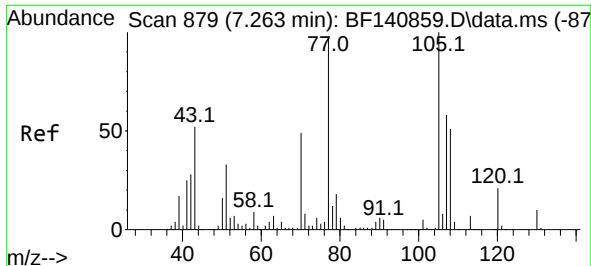
Ion Ratio Lower Upper

94 100

65 31.0 19.9 59.9

66 55.7 45.6 85.6





#19

n-Nitroso-di-n-propylamine

Concen: 13.241 ng

RT: 7.416 min Scan# 90

Delta R.T. 0.153 min

Lab File: BF140925.D

Acq: 19 Dec 2024 14:47

Instrument :

BNA_F

ClientSampleId :

ETGI-357

Tgt Ion: 70 Resp: 33535

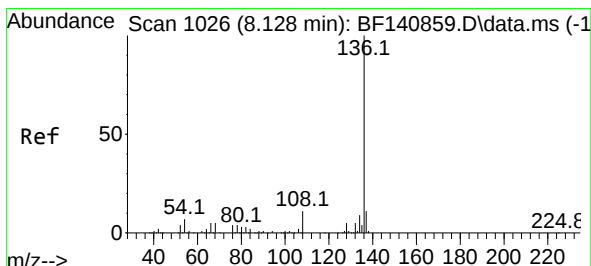
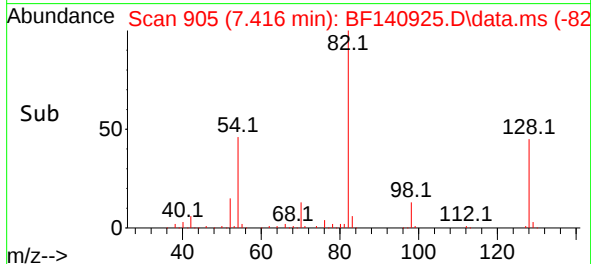
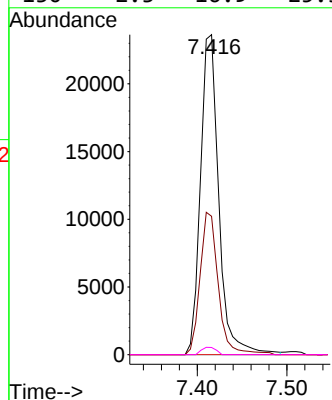
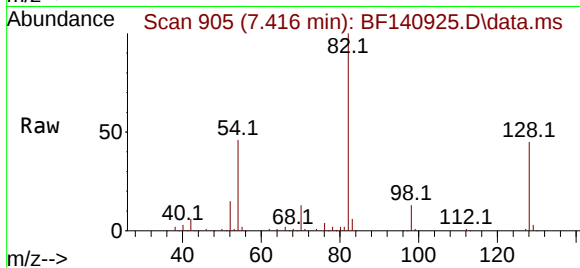
Ion Ratio Lower Upper

70 100

42 43.3 45.3 67.9#

101 0.0 8.0 12.0#

130 2.3 16.9 25.3#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1026

Delta R.T. -0.000 min

Lab File: BF140925.D

Acq: 19 Dec 2024 14:47

Tgt Ion:136 Resp: 186476

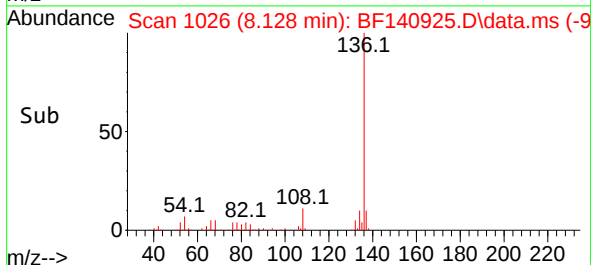
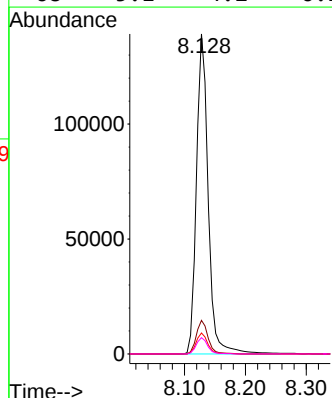
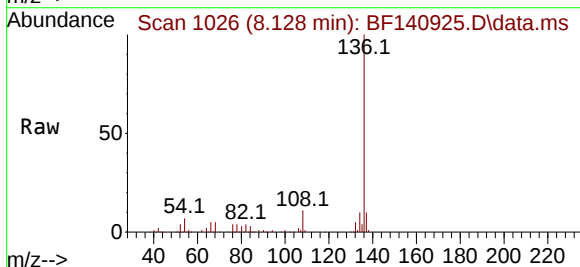
Ion Ratio Lower Upper

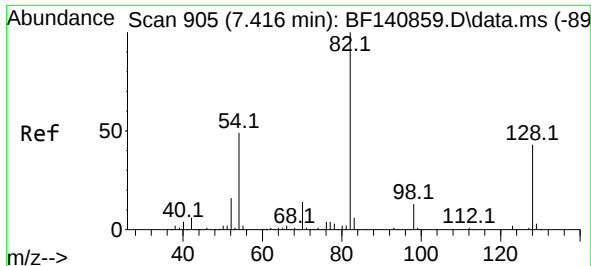
136 100

137 10.5 9.0 13.4

54 6.5 5.6 8.4

68 5.1 4.2 6.2

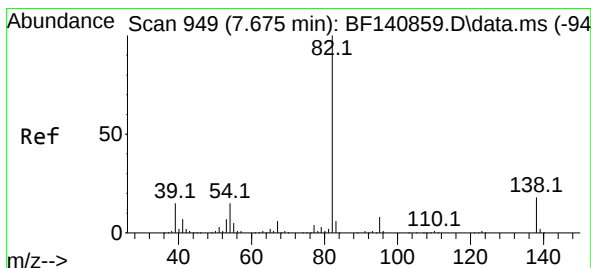
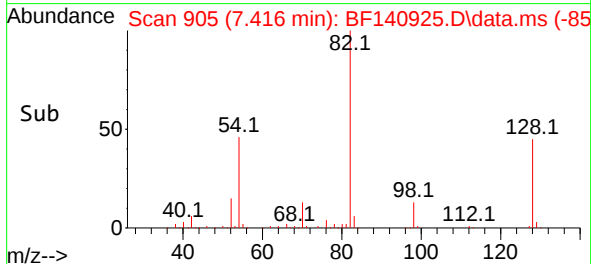
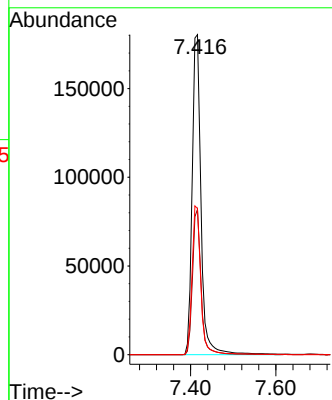
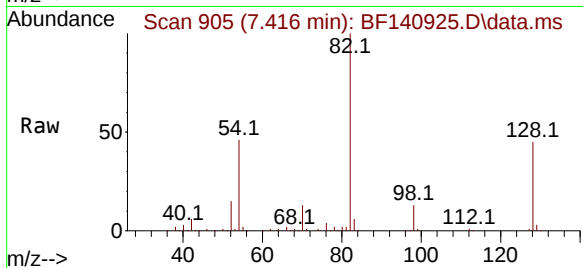




#23
Nitrobenzene-d5
Concen: 69.928 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140925.D
Acq: 19 Dec 2024 14:47

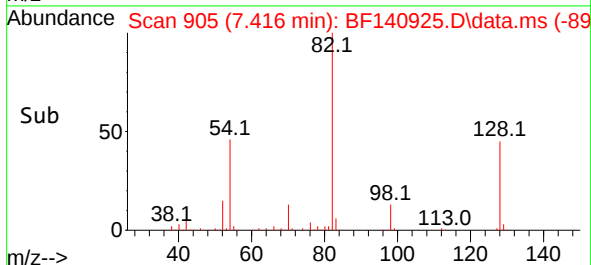
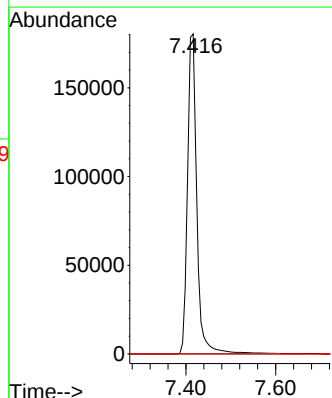
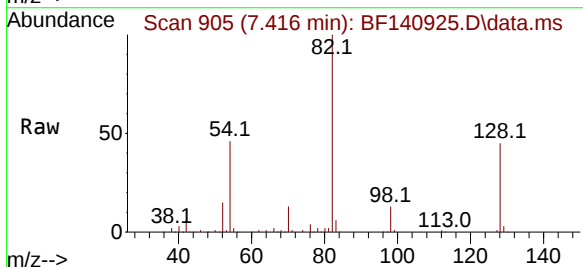
Instrument :
BNA_F
ClientSampleId :
ETGI-357

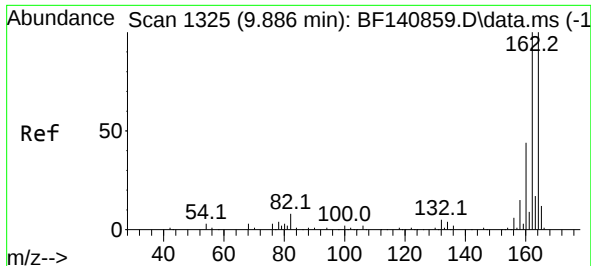
Tgt Ion: 82 Resp: 260635
Ion Ratio Lower Upper
82 100
128 45.4 34.4 51.6
54 45.7 38.8 58.2



#25
Isophorone
Concen: 41.085 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.259 min
Lab File: BF140925.D
Acq: 19 Dec 2024 14:47

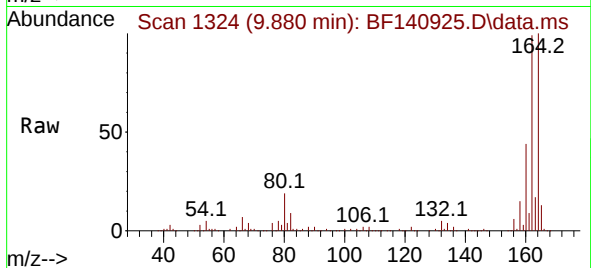
Tgt Ion: 82 Resp: 256583
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.1 21.1#



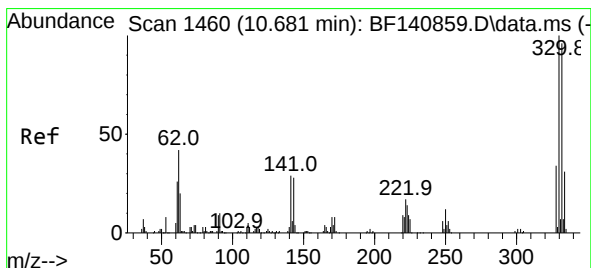
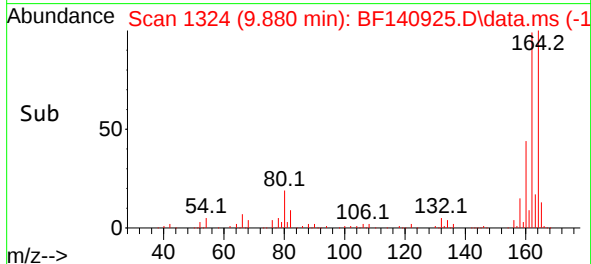
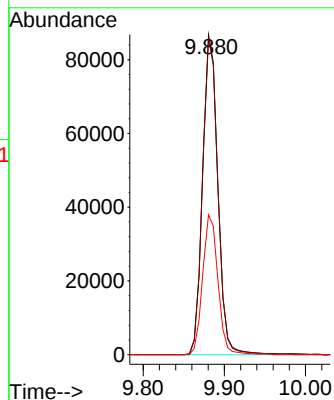


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140925.D
Acq: 19 Dec 2024 14:47

Instrument :
BNA_F
ClientSampleId :
ETGI-357

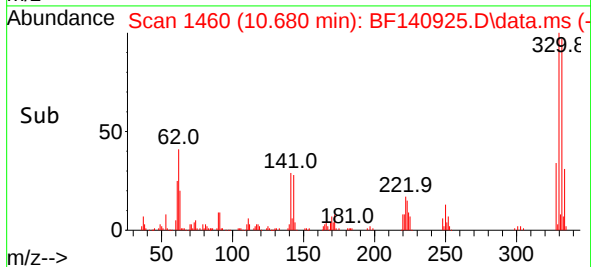
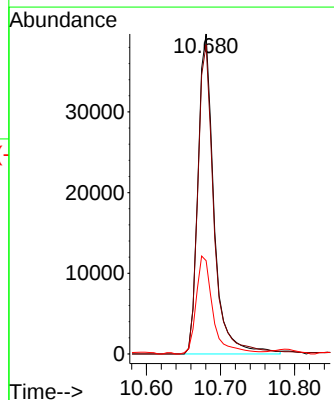
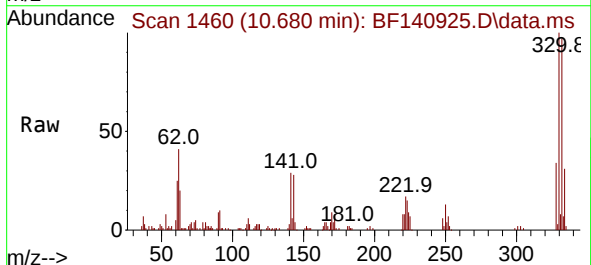


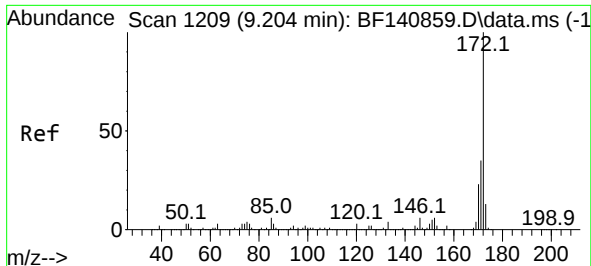
Tgt Ion:164 Resp: 113274
Ion Ratio Lower Upper
164 100
162 98.9 79.9 119.9
160 43.7 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 44.283 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140925.D
Acq: 19 Dec 2024 14:47

Tgt Ion:330 Resp: 59326
Ion Ratio Lower Upper
330 100
332 98.2 76.2 114.4
141 32.5 24.9 37.3

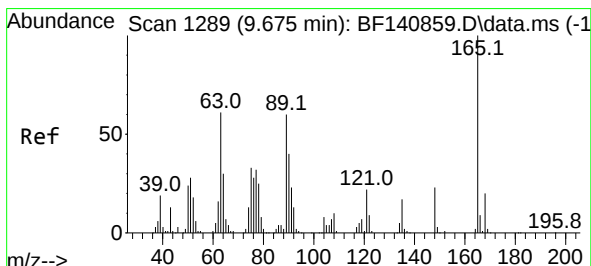
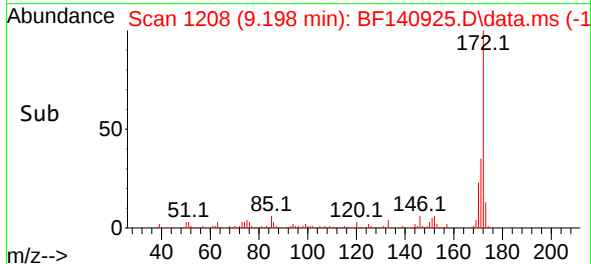
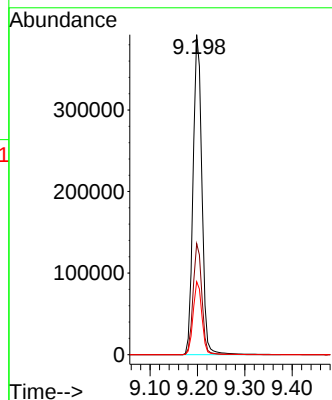
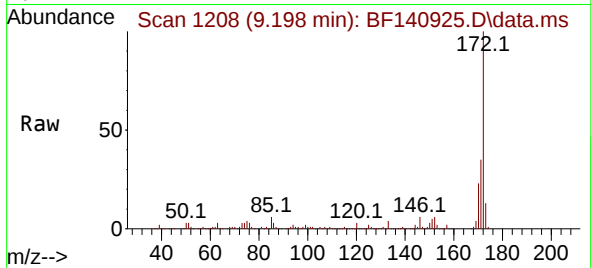




#45
2-Fluorobiphenyl
Concen: 61.371 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140925.D
Acq: 19 Dec 2024 14:47

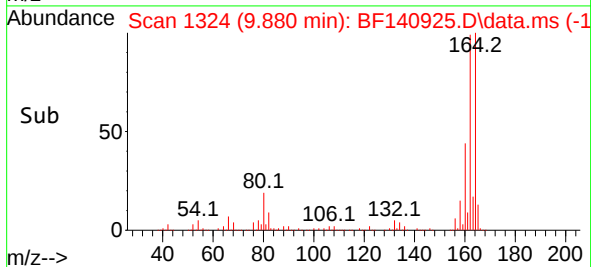
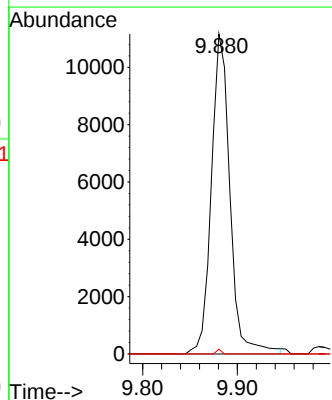
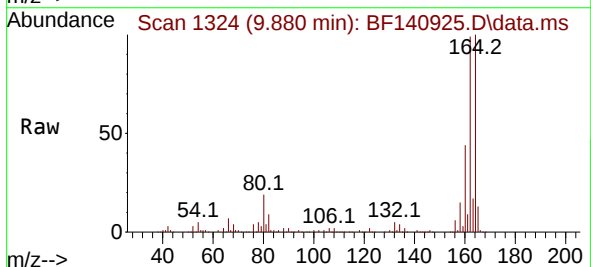
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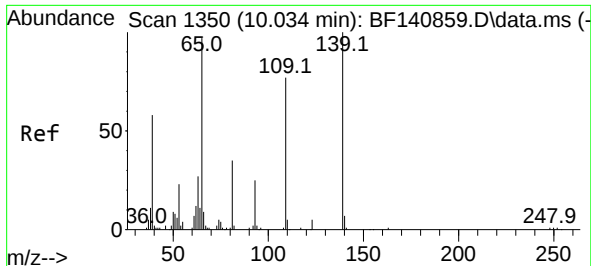
Tgt Ion:172 Resp: 505639
Ion Ratio Lower Upper
172 100
171 34.7 28.4 42.6
170 22.8 18.6 28.0



#51
2,6-Dinitrotoluene
Concen: 8.309 ng
RT: 9.880 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF140925.D
Acq: 19 Dec 2024 14:47

Tgt Ion:165 Resp: 15169
Ion Ratio Lower Upper
165 100
63 0.0 49.7 74.5#
89 1.5 48.2 72.4#

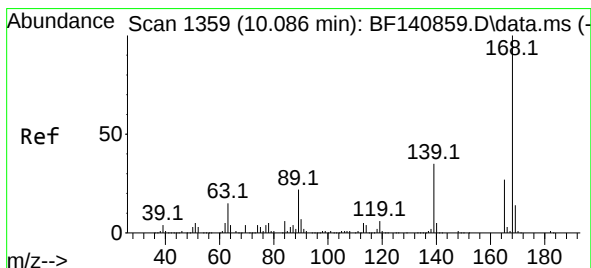
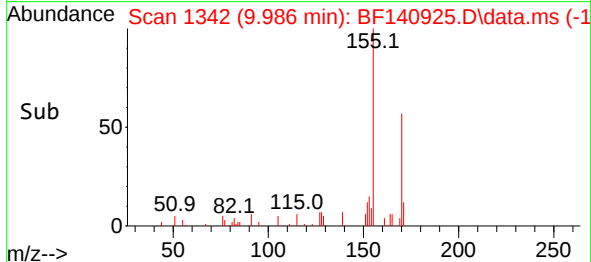
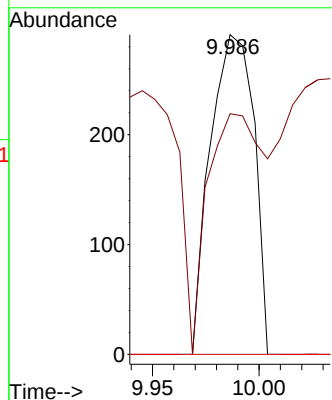
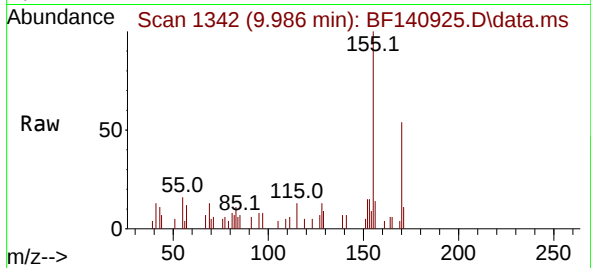




#56
4-Nitrophenol
Concen: 4.844 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.048 min
Lab File: BF140925.D
Acq: 19 Dec 2024 14:47

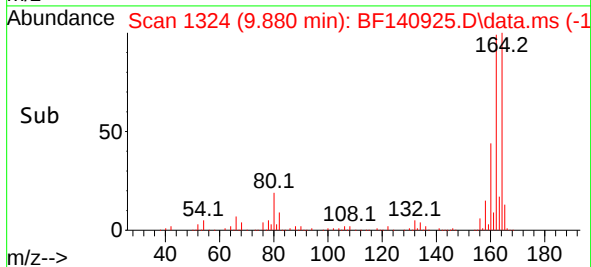
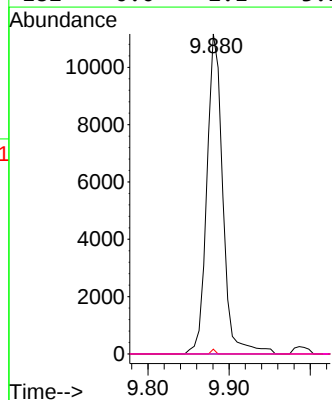
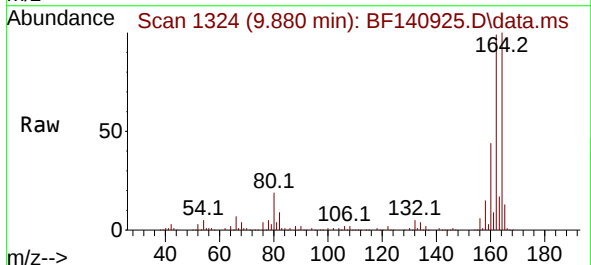
Instrument :
BNA_F
ClientSampleId :
ETGI-357

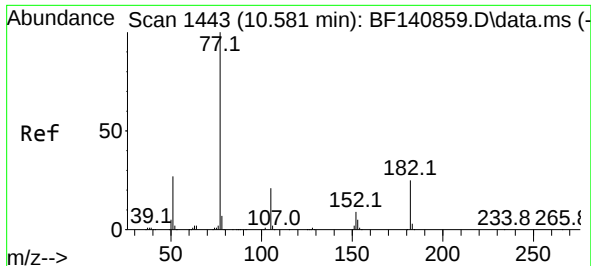
Tgt Ion:139 Resp: 415
Ion Ratio Lower Upper
139 100
109 75.3 56.7 96.7
65 0.0 78.1 118.1#



#57
2,4-Dinitrotoluene
Concen: 6.341 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.206 min
Lab File: BF140925.D
Acq: 19 Dec 2024 14:47

Tgt Ion:165 Resp: 15232
Ion Ratio Lower Upper
165 100
63 0.0 49.3 73.9#
89 1.5 66.2 99.4#
182 0.0 2.1 3.1#

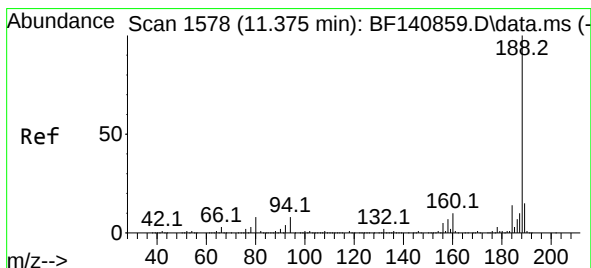
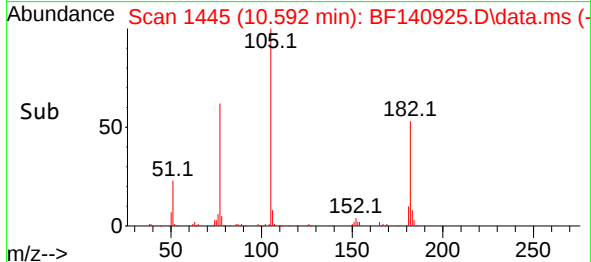
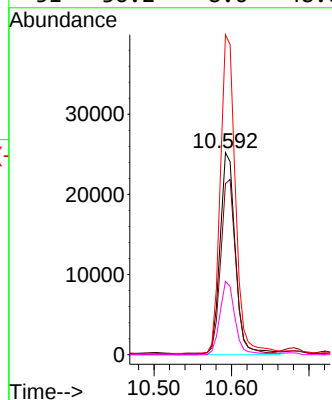
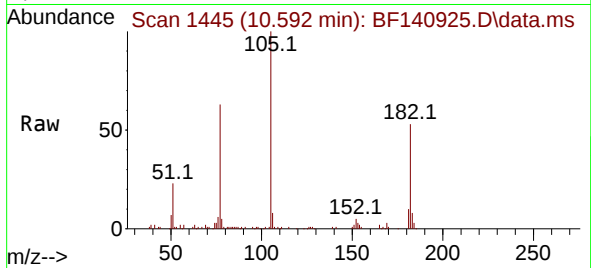




#63
Azobenzene
Concen: 4.530 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.012 min
Lab File: BF140925.D
Acq: 19 Dec 2024 14:47

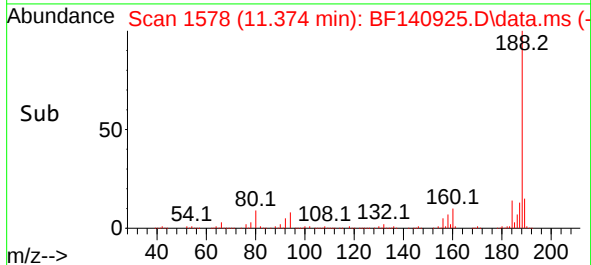
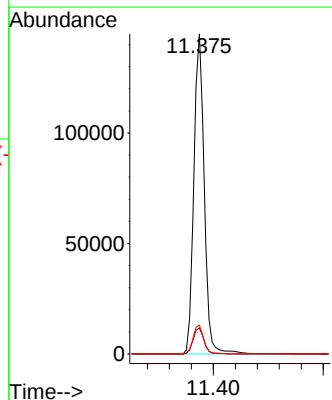
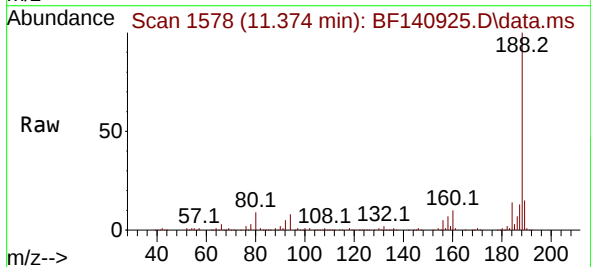
Instrument :
BNA_F
ClientSampleId :
ETGI-357

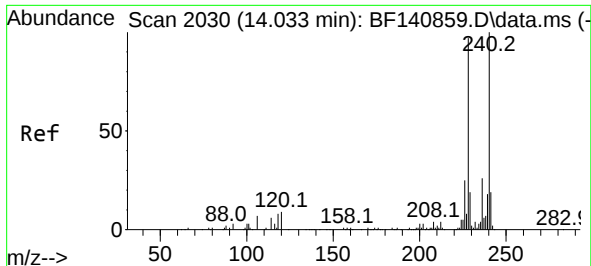
Tgt Ion: 77	Resp: 35264
Ion Ratio	Lower Upper
77 100	
182 84.6	4.5 44.5#
105 158.3	0.9 40.9#
51 36.2	8.6 48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140925.D
Acq: 19 Dec 2024 14:47

Tgt Ion: 188	Resp: 189803
Ion Ratio	Lower Upper
188 100	
94 8.2	6.4 9.6
80 9.0	6.8 10.2

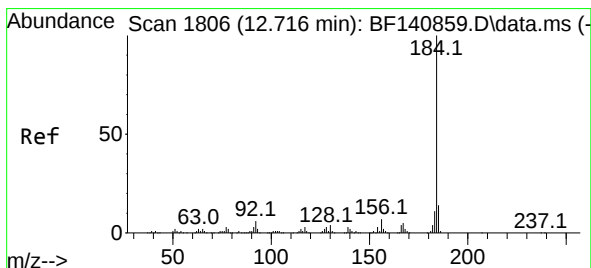
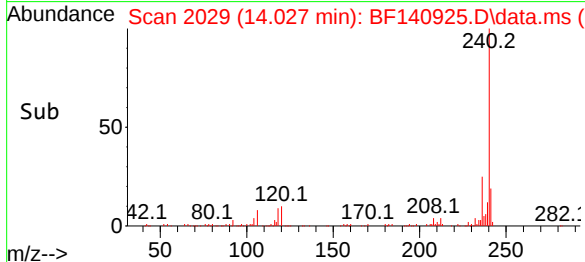
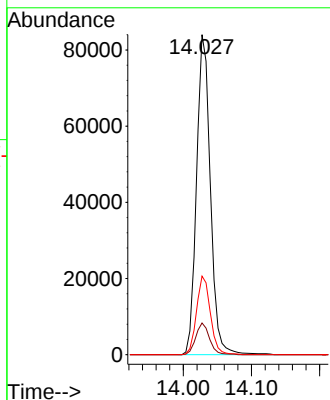
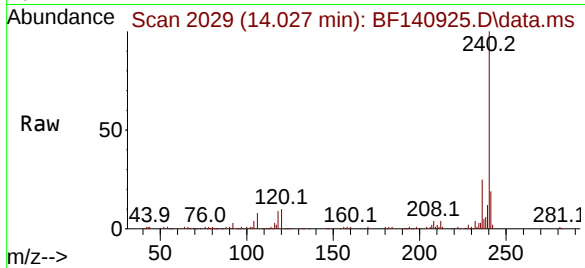




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF140925.D
Acq: 19 Dec 2024 14:47

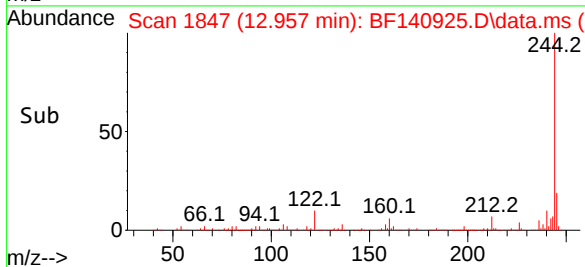
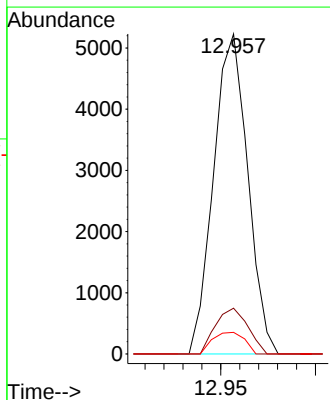
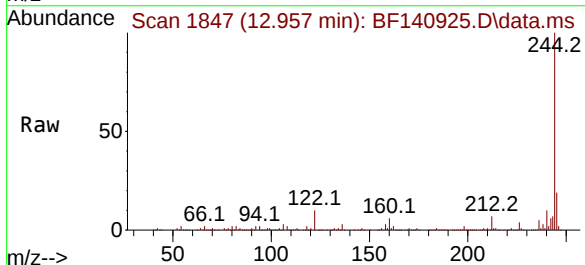
Instrument :
BNA_F
ClientSampleId :
ETGI-357

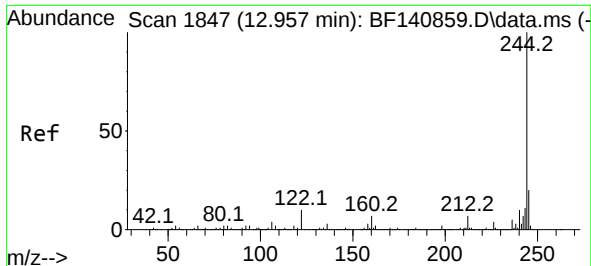
Tgt Ion:240 Resp: 118500
Ion Ratio Lower Upper
240 100
120 9.9 7.6 11.4
236 24.5 20.5 30.7



#77
Benzidine
Concen: 2.712 ng
RT: 12.957 min Scan# 1847
Delta R.T. 0.241 min
Lab File: BF140925.D
Acq: 19 Dec 2024 14:47

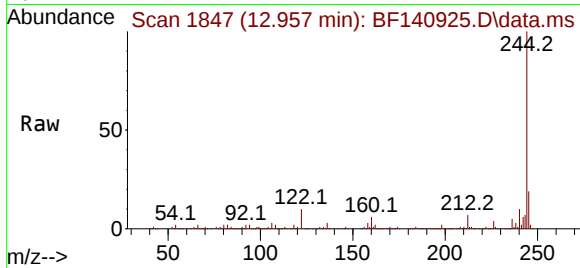
Tgt Ion:184 Resp: 6558
Ion Ratio Lower Upper
184 100
185 14.3 11.1 16.7
183 6.7 9.0 13.4#



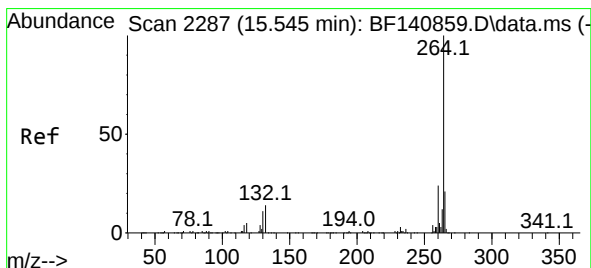
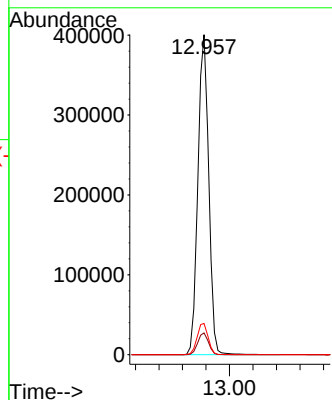
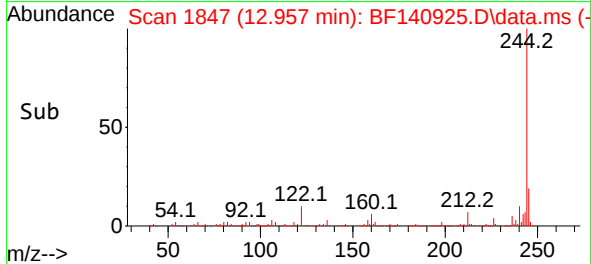


#79
 Terphenyl-d14
 Concen: 68.055 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140925.D
 Acq: 19 Dec 2024 14:47

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-357



Tgt Ion:244 Resp: 511429
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 9.7 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. -0.018 min
 Lab File: BF140925.D
 Acq: 19 Dec 2024 14:47

Tgt Ion:264 Resp: 129732
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 20.9 17.0 25.4

