

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
 Data File : BF140968.D
 Acq On : 23 Dec 2024 16:14
 Operator : RC/JU
 Sample : P5346-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-328

Quant Time: Dec 23 16:41:25 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)

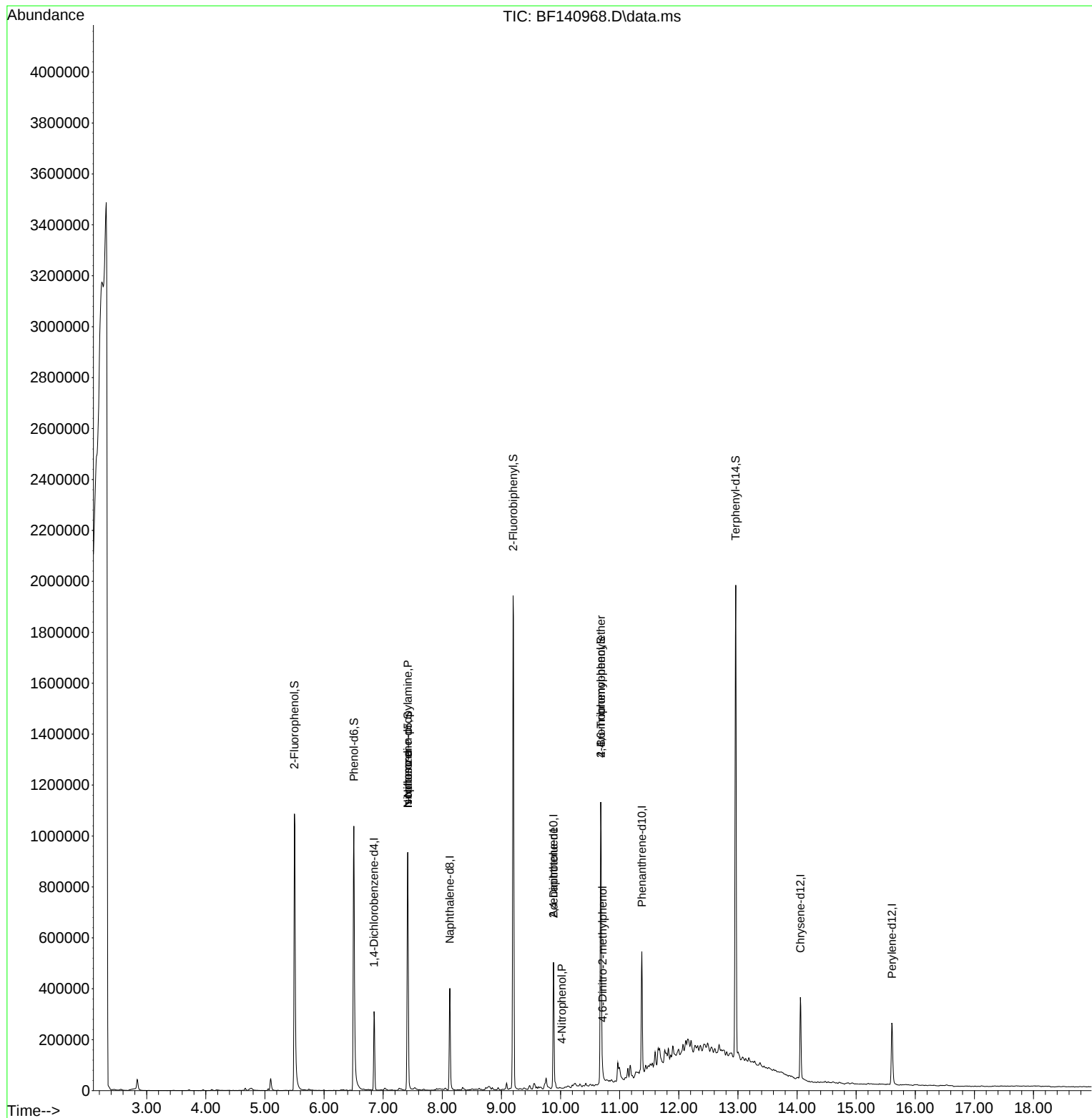
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	68575	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	259787	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	147461	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	253428	20.000	ng	0.00
76) Chrysene-d12	14.057	240	162141	20.000	ng	0.02
86) Perylene-d12	15.604	264	157264	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	502223	120.562	ng	0.01
7) Phenol-d6	6.504	99	589496	106.841	ng	0.00
23) Nitrobenzene-d5	7.416	82	443376	85.388	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	230297	132.048	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	907888	84.647	ng	0.00
79) Terphenyl-d14	12.963	244	950746	92.463	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	59233	17.897	ng	# 77
25) Isophorone	7.416	82	437253	50.257	ng	# 65
56) 4-Nitrophenol	10.022	139	110	4.524	ng	# 51
57) 2,4-Dinitrotoluene	9.881	165	18948	6.059	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.710	198	4894	3.408	ng	# 53
67) 4-Bromophenyl-phenylether	10.681	248	14909	5.259	ng	# 1

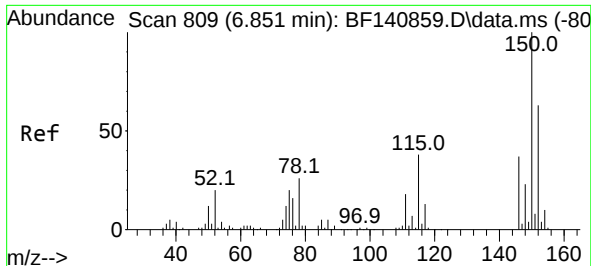
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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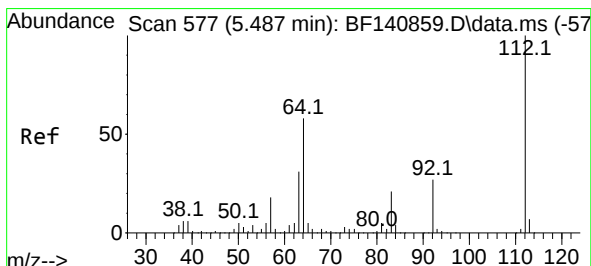
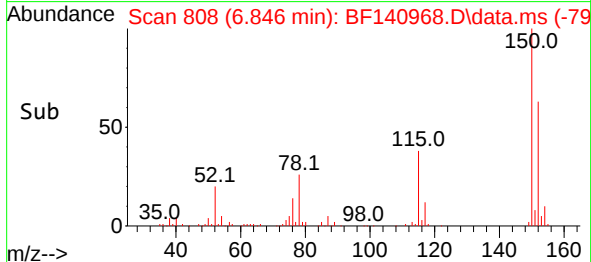
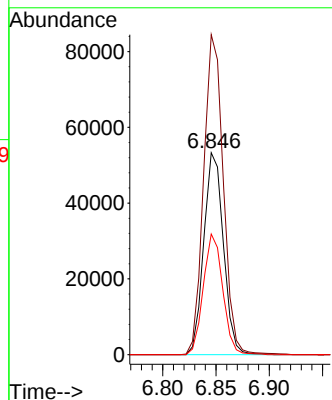
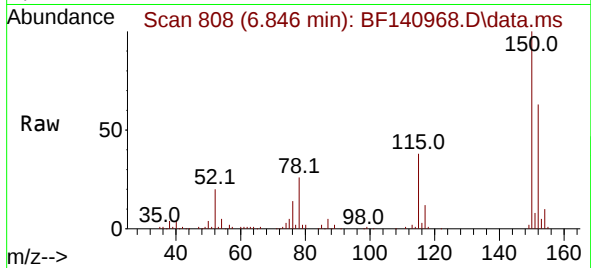




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 809
Delta R.T. -0.005 min
Lab File: BF140968.D
Acq: 23 Dec 2024 16:14

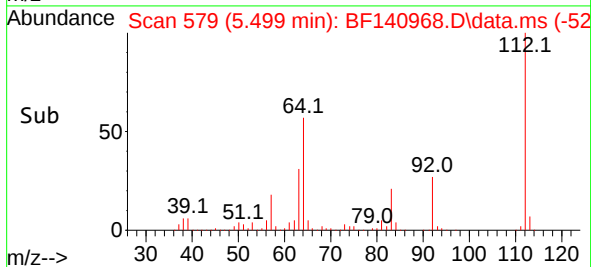
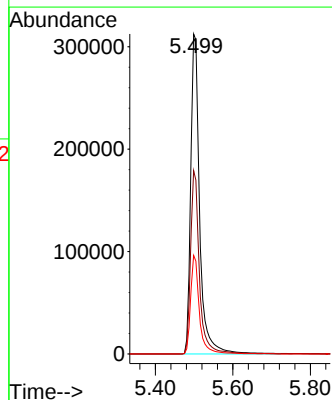
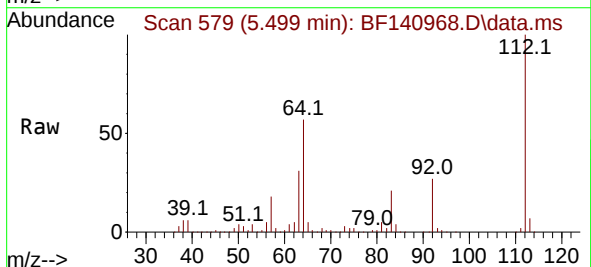
Instrument :
BNA_F
ClientSampleId :
ETGI-328

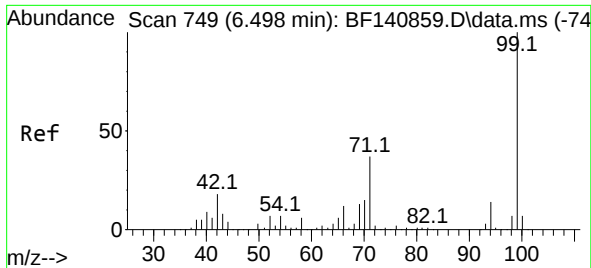
Tgt Ion:152 Resp: 68575
Ion Ratio Lower Upper
152 100
150 158.4 127.9 191.9
115 59.8 48.0 72.0



#5
2-Fluorophenol
Concen: 120.562 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140968.D
Acq: 23 Dec 2024 16:14

Tgt Ion:112 Resp: 502223
Ion Ratio Lower Upper
112 100
64 57.3 46.1 69.1
63 30.8 24.9 37.3

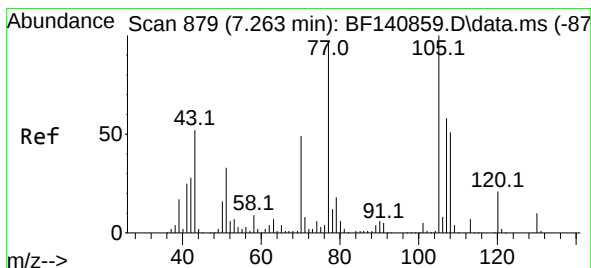
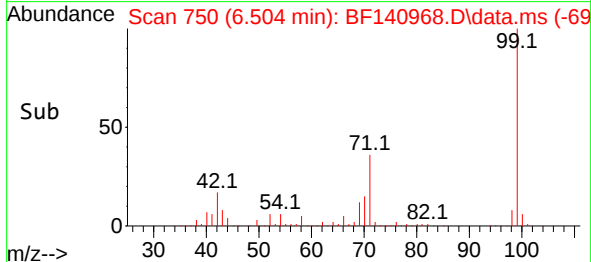
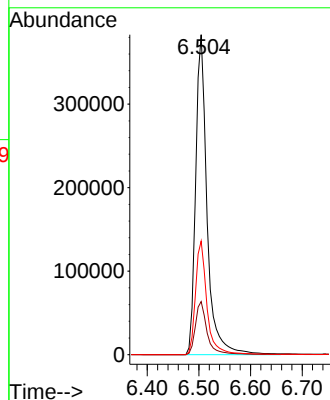
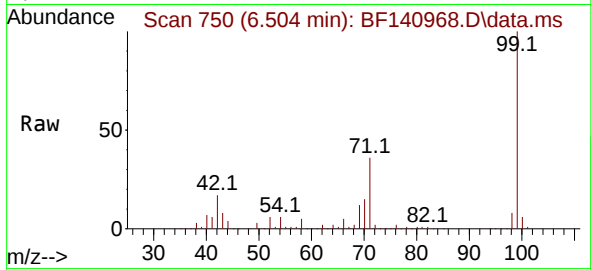




#7
Phenol-d6
Concen: 106.841 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140968.D
Acq: 23 Dec 2024 16:14

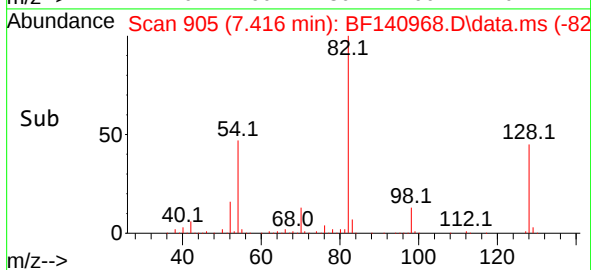
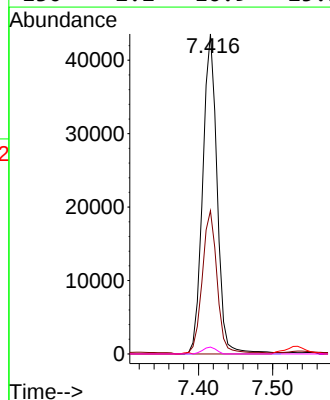
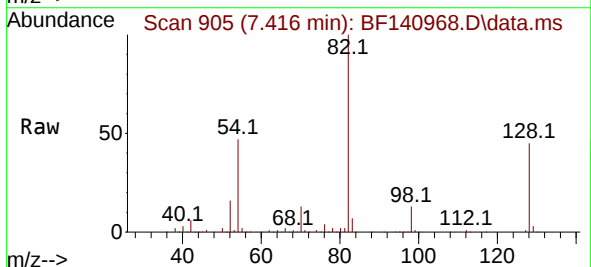
Instrument :
BNA_F
ClientSampleId :
ETGI-328

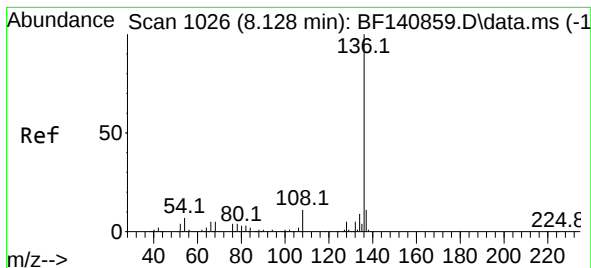
Tgt Ion: 99 Resp: 589496
Ion Ratio Lower Upper
99 100
42 16.6 14.3 21.5
71 35.5 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.897 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.153 min
Lab File: BF140968.D
Acq: 23 Dec 2024 16:14

Tgt Ion: 70 Resp: 59233
Ion Ratio Lower Upper
70 100
42 44.7 45.3 67.9#
101 0.0 8.0 12.0#
130 2.2 16.9 25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140968.D

Acq: 23 Dec 2024 16:14

Instrument :

BNA_F

ClientSampleId :

ETGI-328

Tgt Ion:136 Resp: 259787

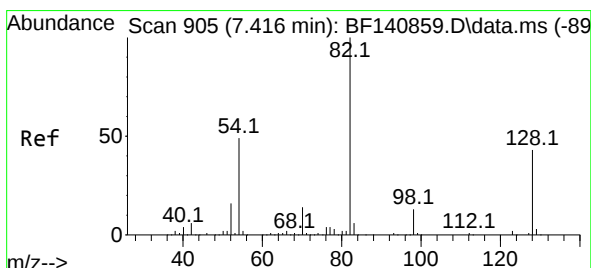
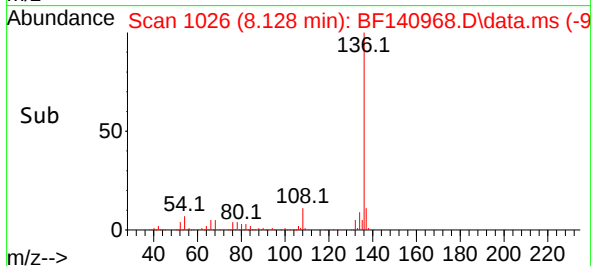
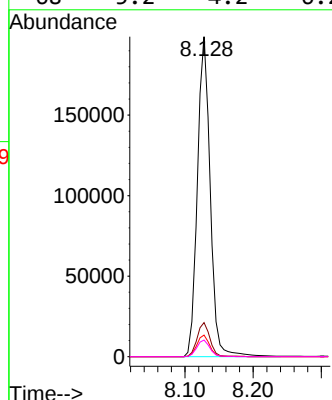
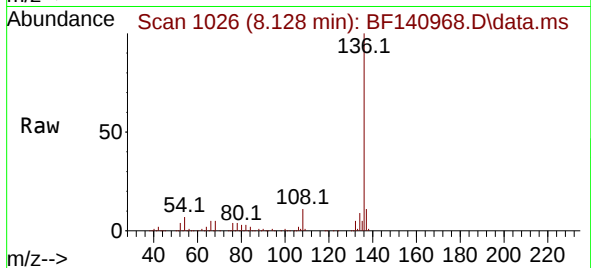
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.7 5.6 8.4

68 5.2 4.2 6.2



#23

Nitrobenzene-d5

Concen: 85.388 ng

RT: 7.416 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF140968.D

Acq: 23 Dec 2024 16:14

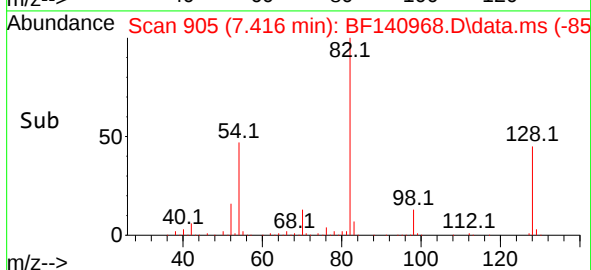
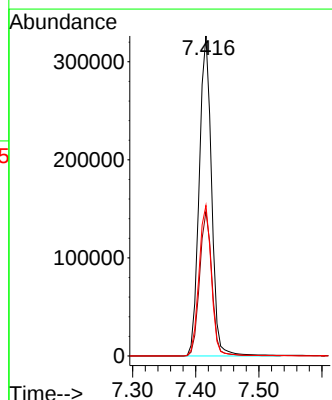
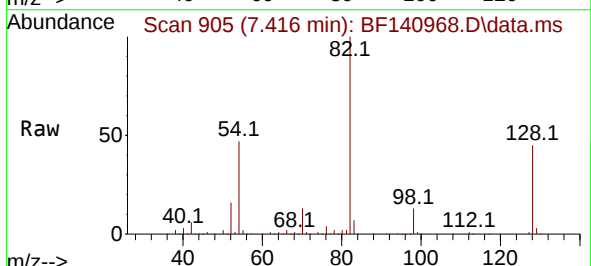
Tgt Ion: 82 Resp: 443376

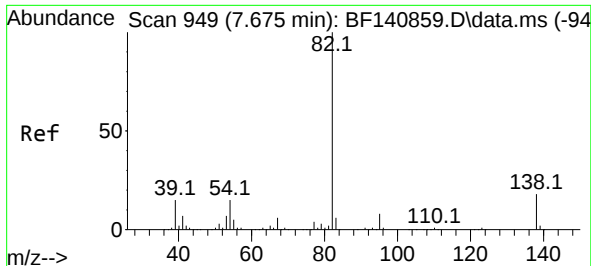
Ion Ratio Lower Upper

82 100

128 45.1 34.4 51.6

54 47.0 38.8 58.2

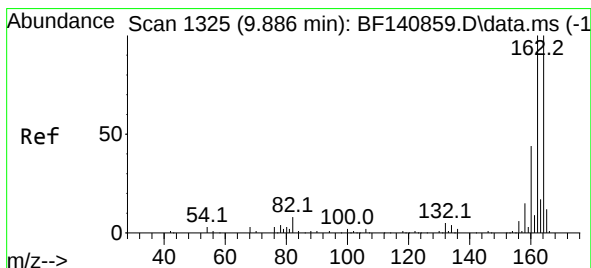
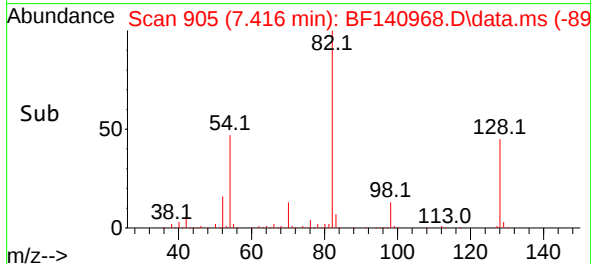
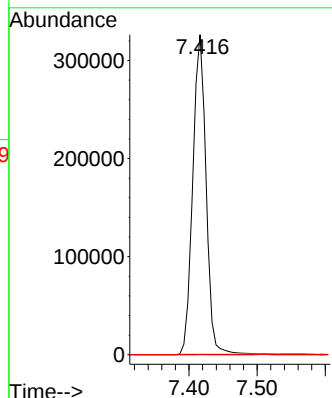
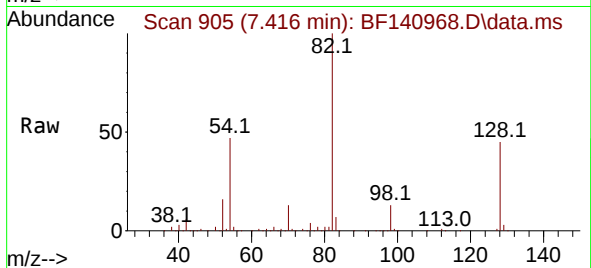




#25
Isophorone
Concen: 50.257 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.259 min
Lab File: BF140968.D
Acq: 23 Dec 2024 16:14

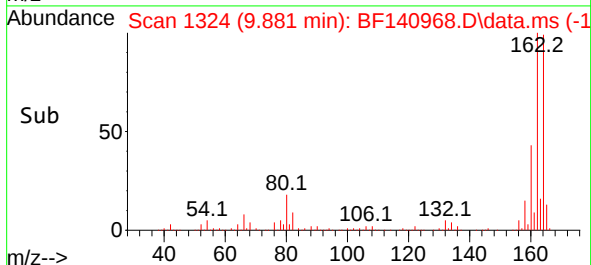
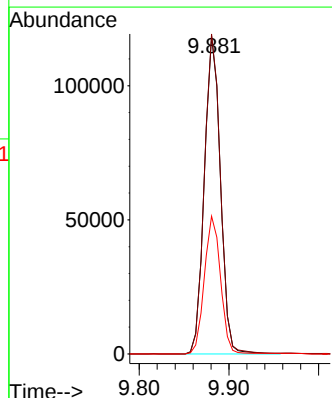
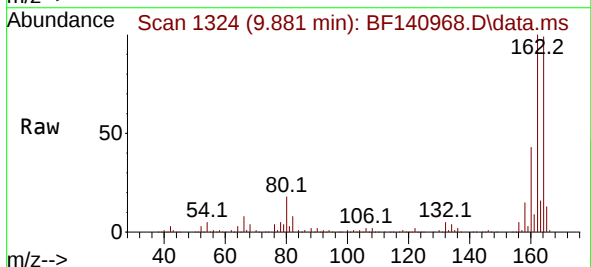
Instrument :
BNA_F
ClientSampleId :
ETGI-328

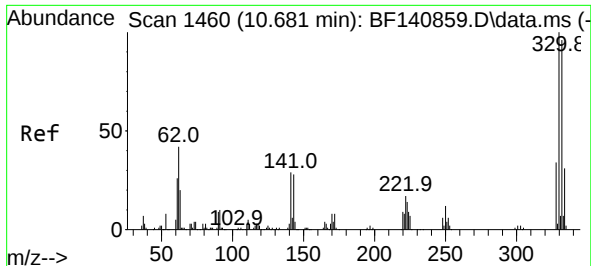
Tgt Ion: 82 Resp: 437253
Ion Ratio Lower Upper
82 100
95 0.1 6.3 9.5#
138 0.0 14.1 21.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140968.D
Acq: 23 Dec 2024 16:14

Tgt Ion:164 Resp: 147461
Ion Ratio Lower Upper
164 100
162 100.7 79.9 119.9
160 43.4 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 132.048 ng

RT: 10.681 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140968.D

Acq: 23 Dec 2024 16:14

Instrument :

BNA_F

ClientSampleId :

ETGI-328

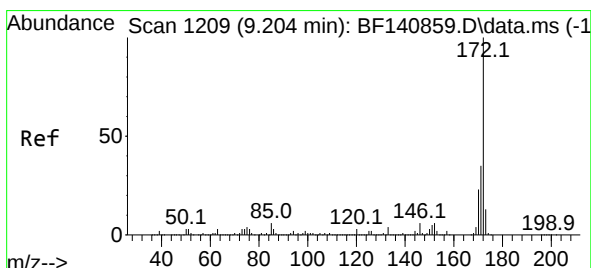
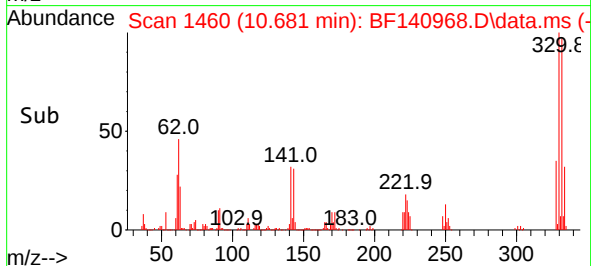
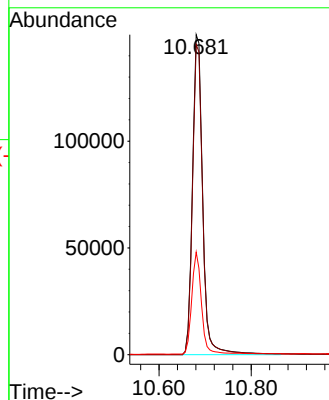
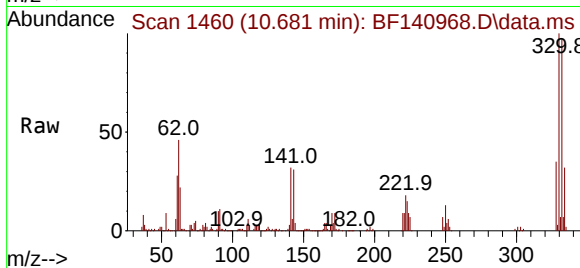
Tgt Ion:330 Resp: 230297

Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.4

141 30.8 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 84.647 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF140968.D

Acq: 23 Dec 2024 16:14

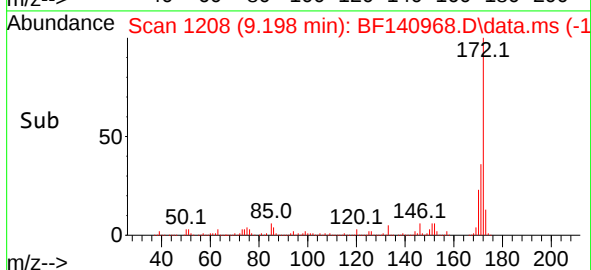
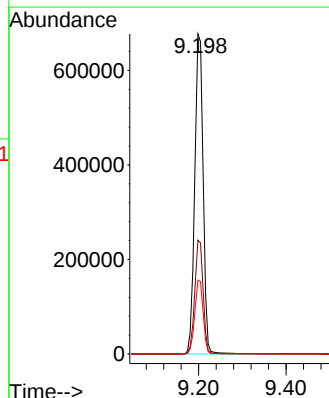
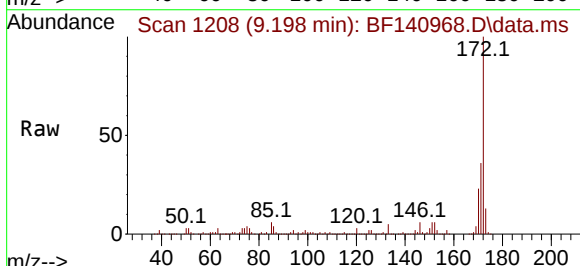
Tgt Ion:172 Resp: 907888

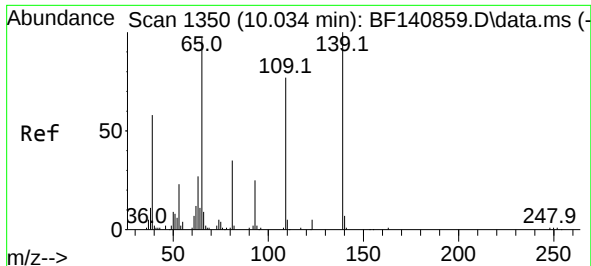
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.1 18.6 28.0

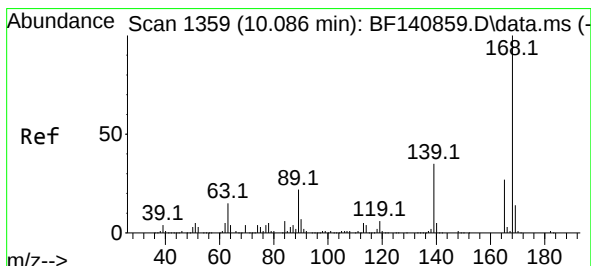
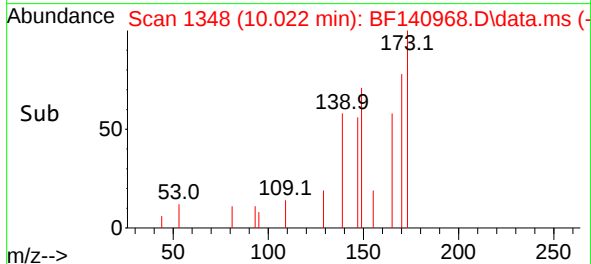
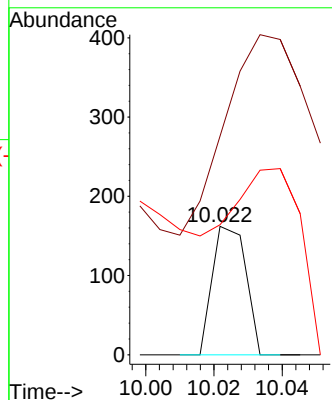
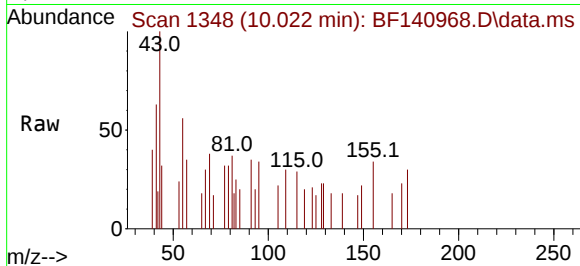




#56
4-Nitrophenol
Concen: 4.524 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140968.D
Acq: 23 Dec 2024 16:14

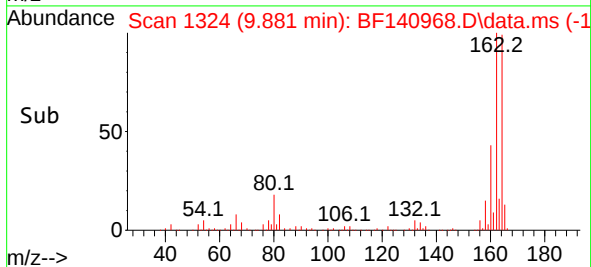
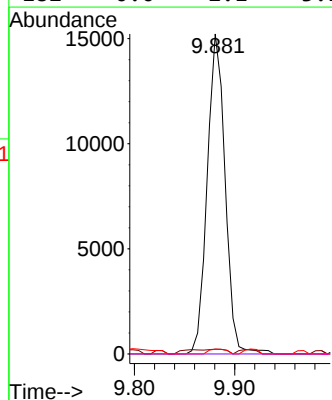
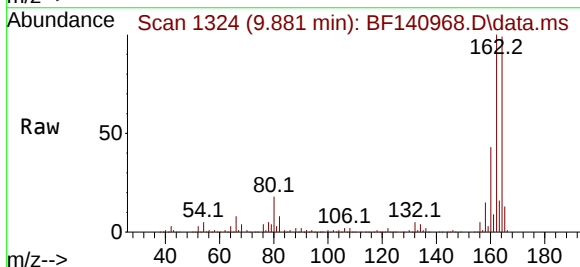
Instrument :
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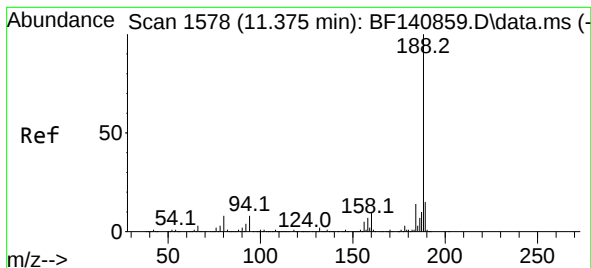
Tgt Ion:139 Resp: 110
Ion Ratio Lower Upper
139 100
109 170.4 56.7 96.7#
65 101.2 78.1 118.1



#57
2,4-Dinitrotoluene
Concen: 6.059 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.206 min
Lab File: BF140968.D
Acq: 23 Dec 2024 16:14

Tgt Ion:165 Resp: 18948
Ion Ratio Lower Upper
165 100
63 1.5 49.3 73.9#
89 1.5 66.2 99.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140968.D

Acq: 23 Dec 2024 16:14

Instrument :

BNA_F

ClientSampleId :

ETGI-328

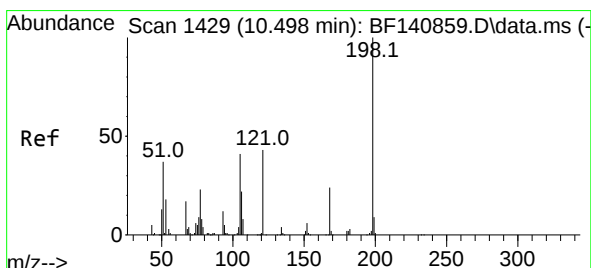
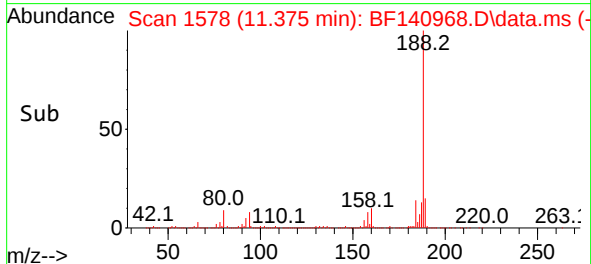
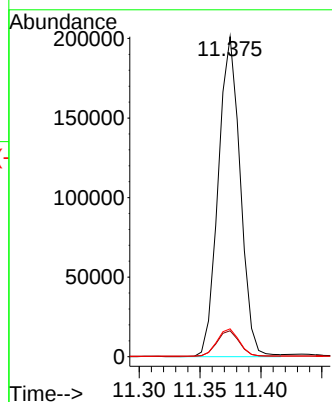
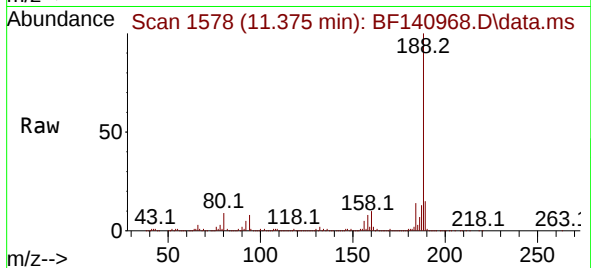
Tgt Ion:188 Resp: 253428

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.7 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 3.408 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.212 min

Lab File: BF140968.D

Acq: 23 Dec 2024 16:14

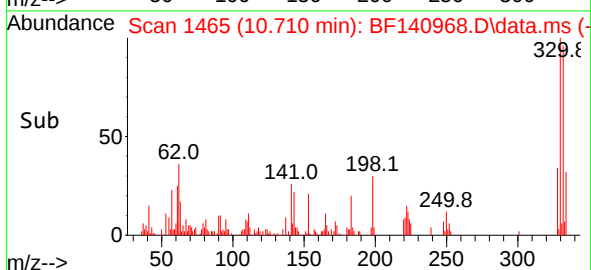
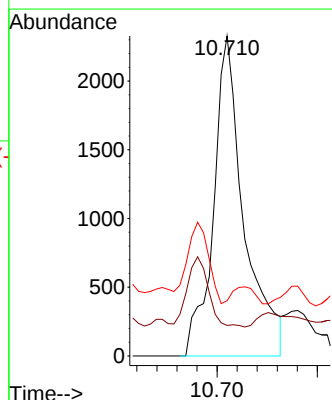
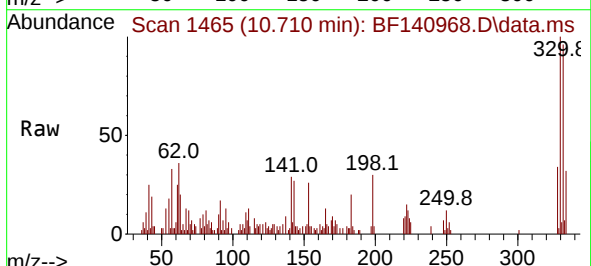
Tgt Ion:198 Resp: 4894

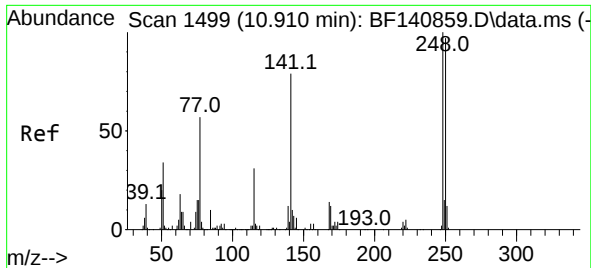
Ion Ratio Lower Upper

198 100

51 9.5 24.4 64.4#

105 17.2 22.1 62.1#

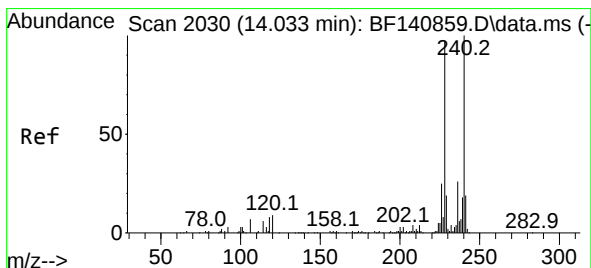
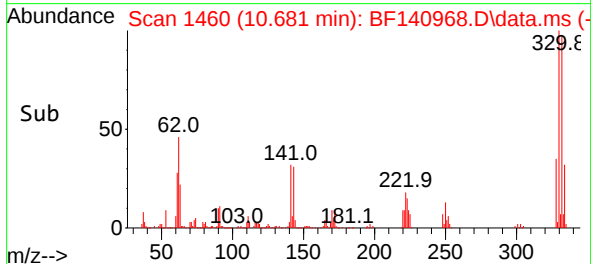
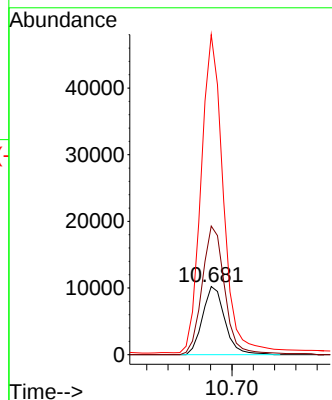
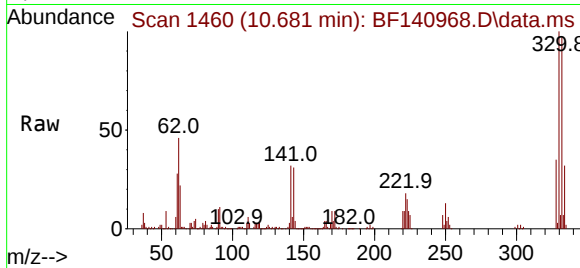




#67
4-Bromophenyl-phenylether
Concen: 5.259 ng
RT: 10.681 min Scan# 1499
Delta R.T. -0.229 min
Lab File: BF140968.D
Acq: 23 Dec 2024 16:14

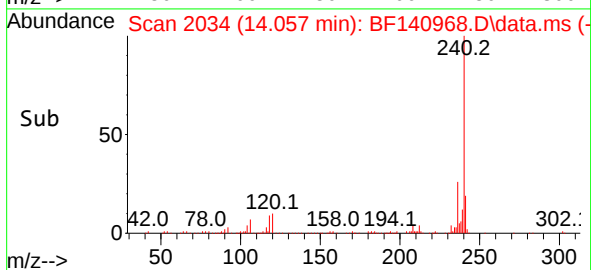
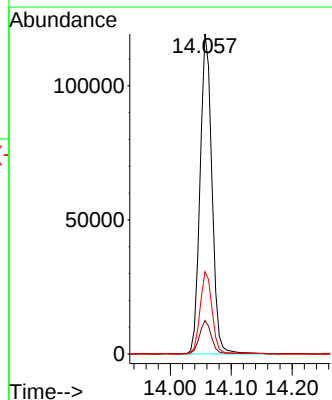
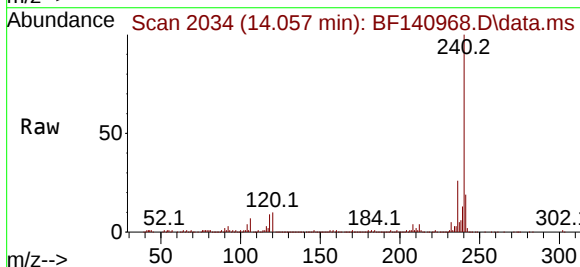
Instrument :
BNA_F
ClientSampleId :
ETGI-328

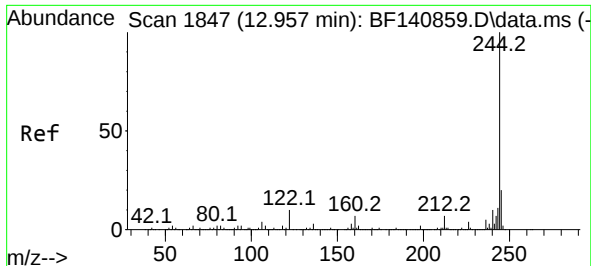
Tgt Ion:248 Resp: 14909
Ion Ratio Lower Upper
248 100
250 188.9 77.4 116.2#
141 469.7 62.9 94.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.024 min
Lab File: BF140968.D
Acq: 23 Dec 2024 16:14

Tgt Ion:240 Resp: 162141
Ion Ratio Lower Upper
240 100
120 10.4 7.6 11.4
236 25.7 20.5 30.7

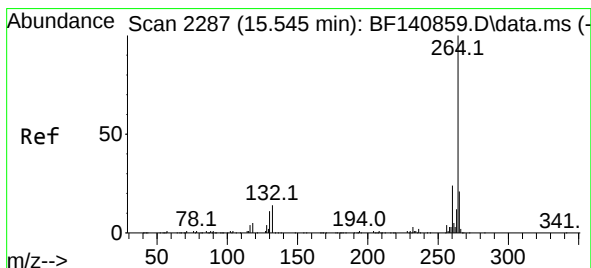
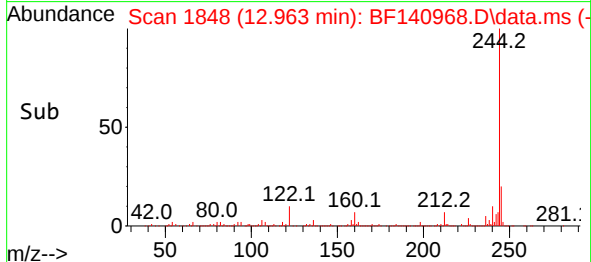
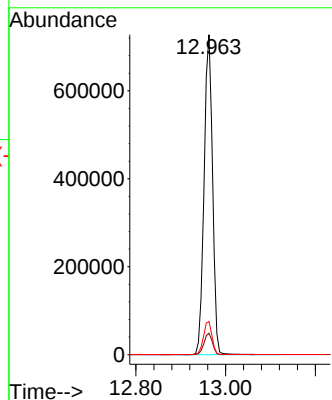
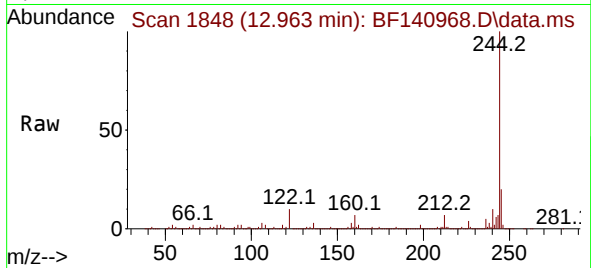




#79
 Terphenyl-d14
 Concen: 92.463 ng
 RT: 12.963 min Scan# 1848
 Delta R.T. 0.006 min
 Lab File: BF140968.D
 Acq: 23 Dec 2024 16:14

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-328

Tgt Ion:244 Resp: 950746
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.3 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2297
 Delta R.T. 0.059 min
 Lab File: BF140968.D
 Acq: 23 Dec 2024 16:14

Tgt Ion:264 Resp: 157264
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.2 17.0 25.4

