

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140034.D
 Acq On : 25 Oct 2024 13:40
 Operator : RC/JU
 Sample : P4468-01RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-331

Quant Time: Oct 25 14:01:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

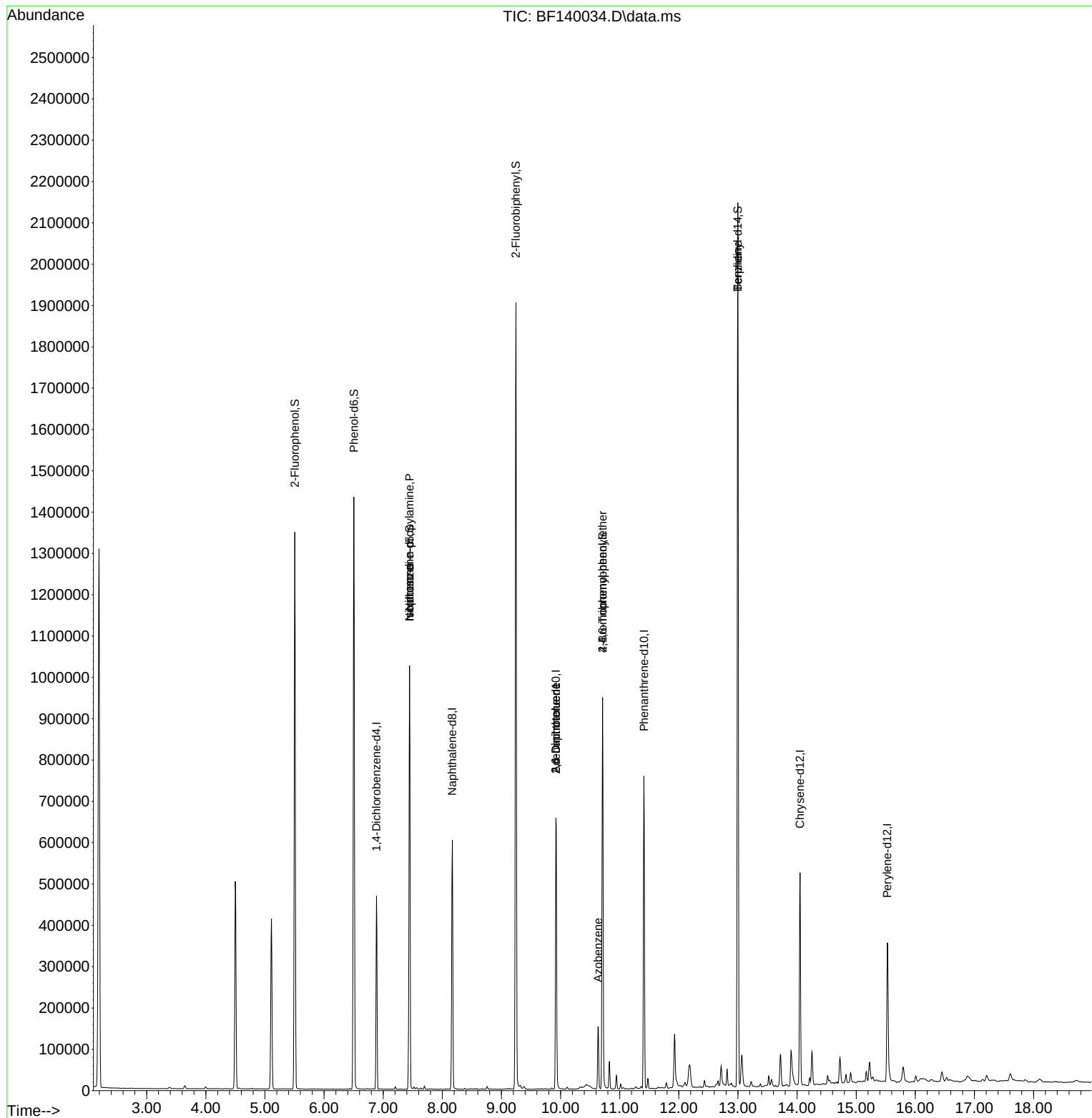
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	91815	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	364282	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	207336	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	397004	20.000	ng	0.00
76) Chrysene-d12	14.051	240	243390	20.000	ng	0.00
86) Perylene-d12	15.527	264	212729	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	479160	81.699	ng	0.00
7) Phenol-d6	6.504	99	664050	87.420	ng	0.00
23) Nitrobenzene-d5	7.445	82	452088	68.783	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	158891	81.930	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	863628	68.841	ng	0.00
79) Terphenyl-d14	12.998	244	1053642	70.541	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	59486	12.912	ng	# 78
25) Isophorone	7.445	82	449647	36.044	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	26038	9.312	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	26038	7.572	ng	# 21
63) Azobenzene	10.633	77	40711	3.028	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	10505	2.569	ng	# 1
77) Benzidine	12.998	184	13618	3.403	ng	# 93

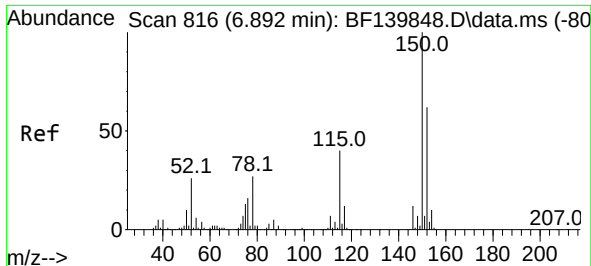
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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Quant Time: Oct 25 14:01:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
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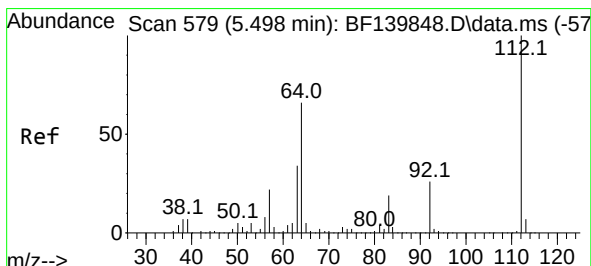
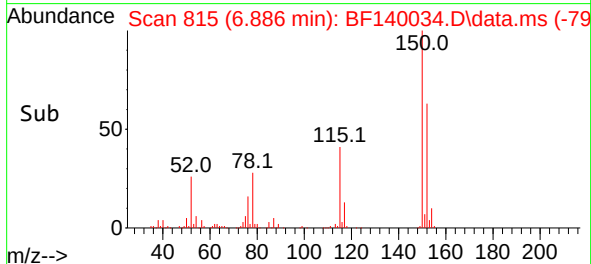
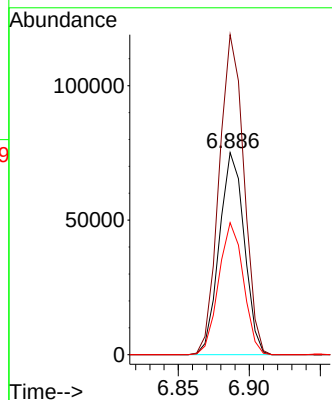
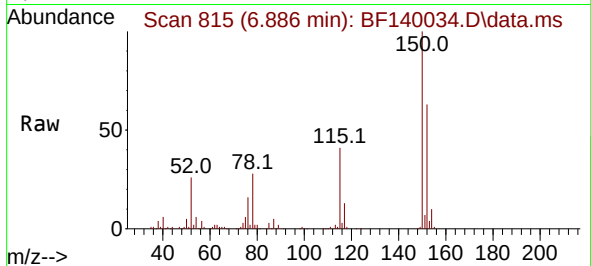




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140034.D
Acq: 25 Oct 2024 13:40

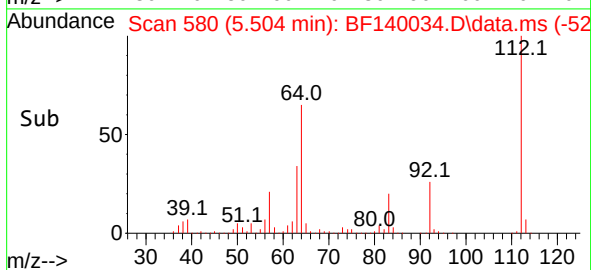
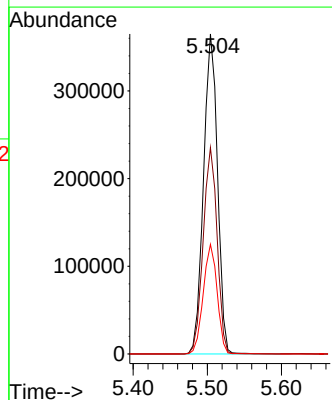
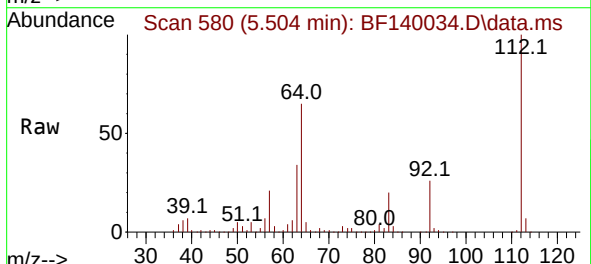
Instrument :
BNA_F
ClientSampleId :
ETGI-331

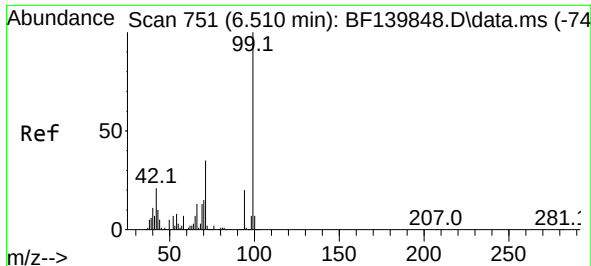
Tgt Ion:152 Resp: 91815
Ion Ratio Lower Upper
152 100
150 158.3 130.2 195.2
115 65.3 51.4 77.2



#5
2-Fluorophenol
Concen: 81.699 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140034.D
Acq: 25 Oct 2024 13:40

Tgt Ion:112 Resp: 479160
Ion Ratio Lower Upper
112 100
64 64.5 53.0 79.6
63 34.2 27.0 40.4

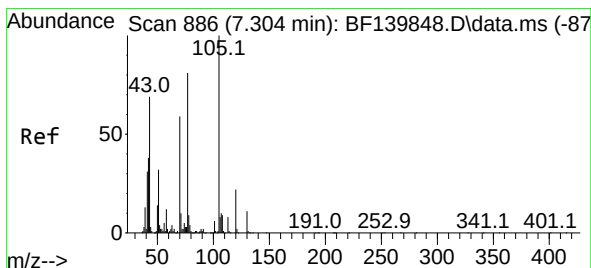
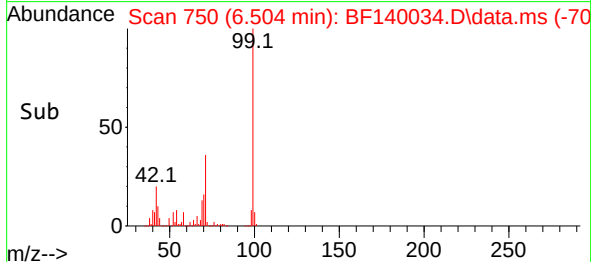
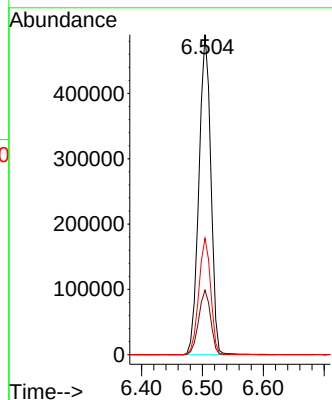
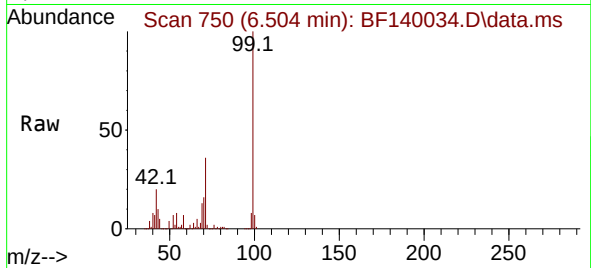




#7
Phenol-d6
Concen: 87.420 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140034.D
Acq: 25 Oct 2024 13:40

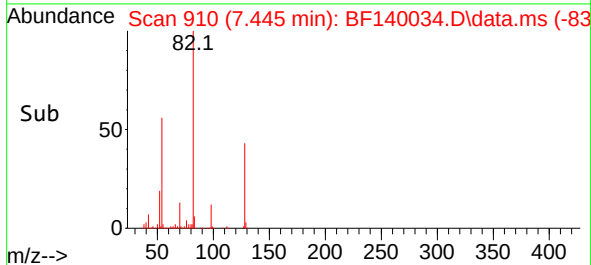
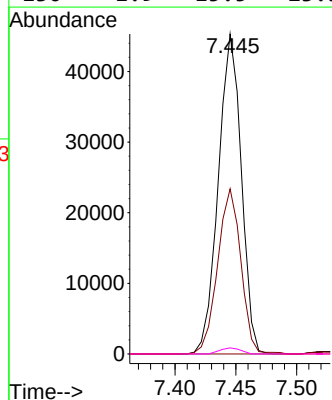
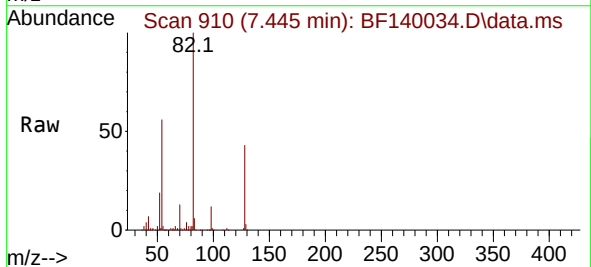
Instrument :
BNA_F
ClientSampleId :
ETGI-331

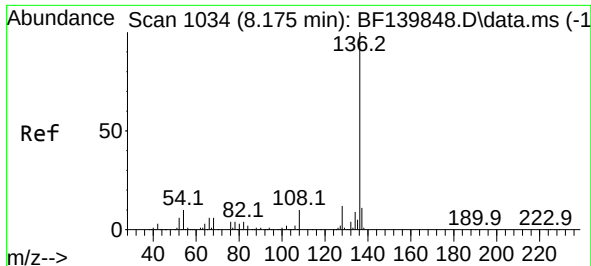
Tgt Ion: 99 Resp: 664050
Ion Ratio Lower Upper
99 100
42 20.1 16.7 25.1
71 36.4 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.912 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140034.D
Acq: 25 Oct 2024 13:40

Tgt Ion: 70 Resp: 59486
Ion Ratio Lower Upper
70 100
42 51.6 51.5 77.3
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



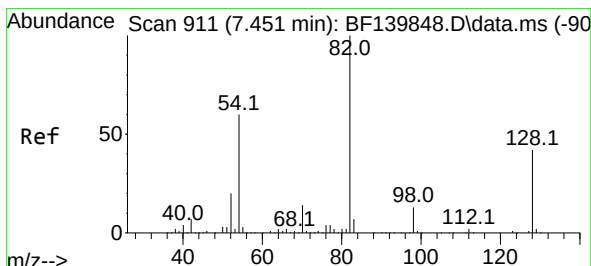
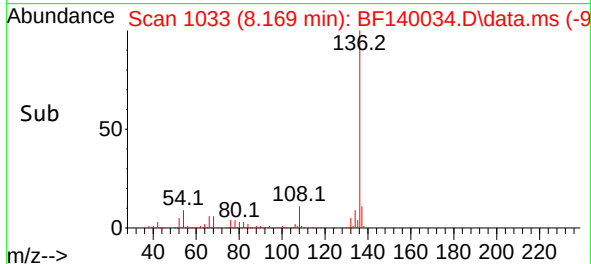
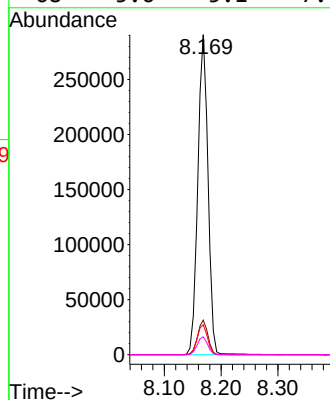
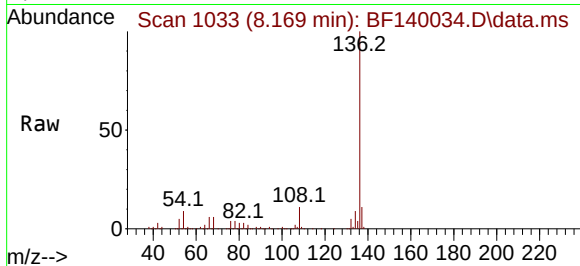


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140034.D
Acq: 25 Oct 2024 13:40

Instrument :
BNA_F
ClientSampleId :
ETGI-331

Tgt Ion:136 Resp: 364282

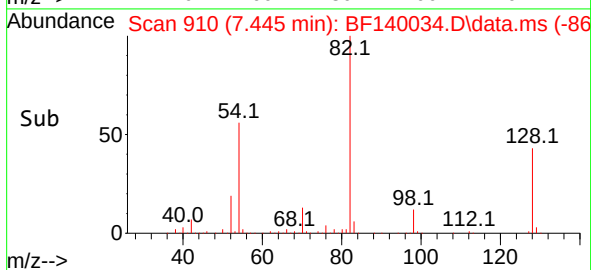
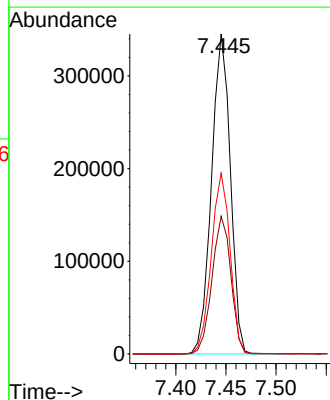
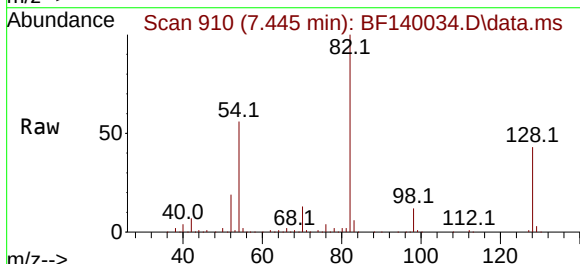
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.3	8.4	12.6
68	5.6	5.1	7.7

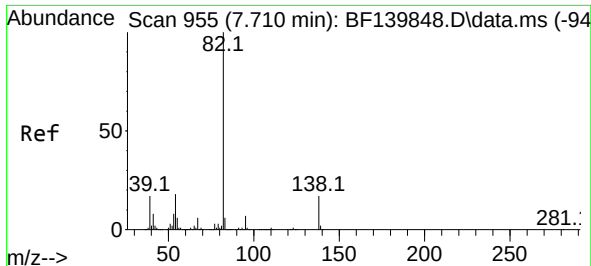


#23
Nitrobenzene-d5
Concen: 68.783 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140034.D
Acq: 25 Oct 2024 13:40

Tgt Ion: 82 Resp: 452088

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.4	50.0
54	56.4	47.8	71.8

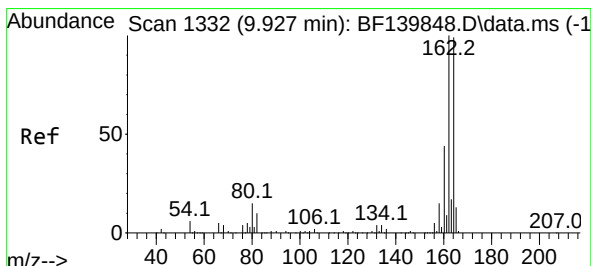
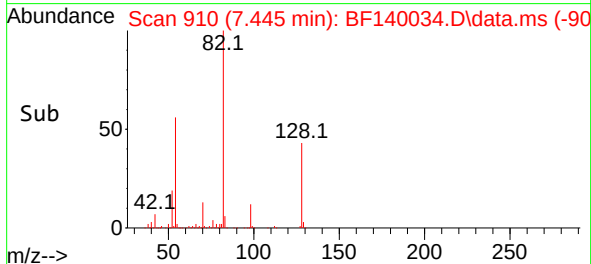
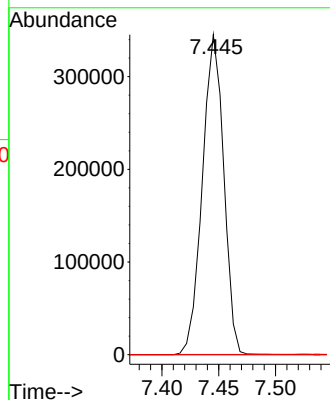
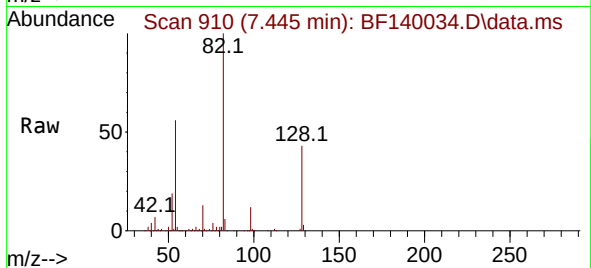




#25
Isophorone
Concen: 36.044 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF140034.D
Acq: 25 Oct 2024 13:40

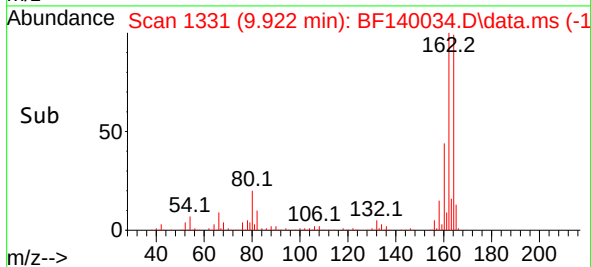
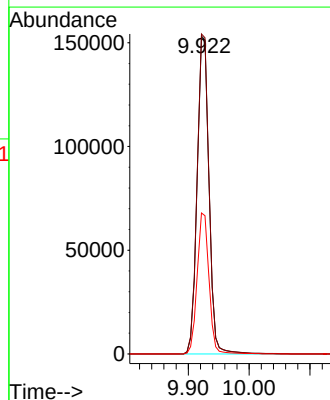
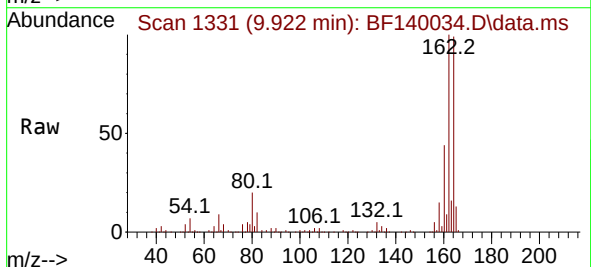
Instrument :
BNA_F
ClientSampleId :
ETGI-331

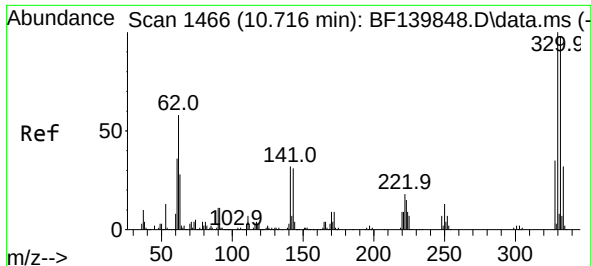
Tgt Ion: 82 Resp: 449647
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140034.D
Acq: 25 Oct 2024 13:40

Tgt Ion: 164 Resp: 207336
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 44.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 81.930 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF140034.D

Acq: 25 Oct 2024 13:40

Instrument :

BNA_F

ClientSampleId :

ETGI-331

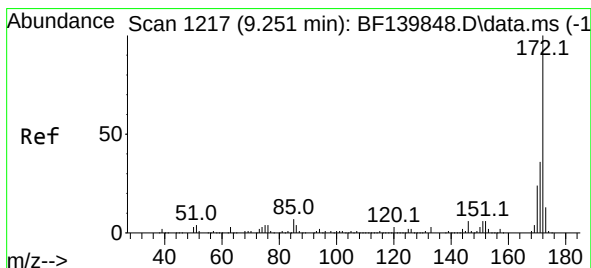
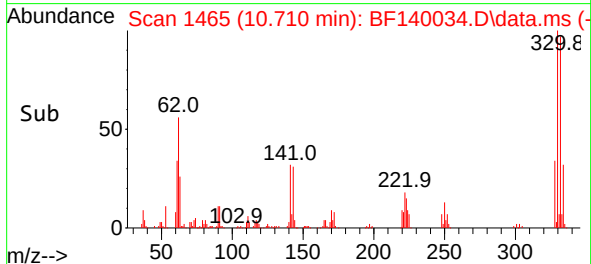
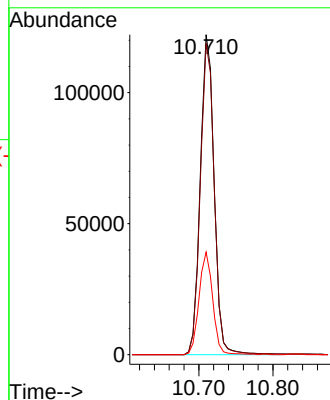
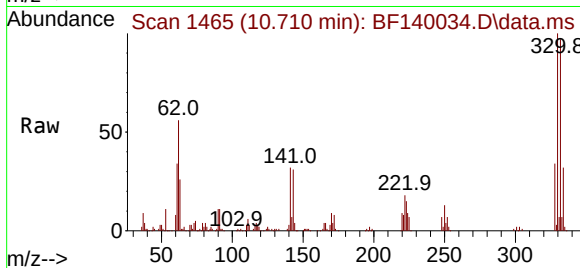
Tgt Ion:330 Resp: 158891

Ion Ratio Lower Upper

330 100

332 98.0 78.1 117.1

141 31.5 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 68.841 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140034.D

Acq: 25 Oct 2024 13:40

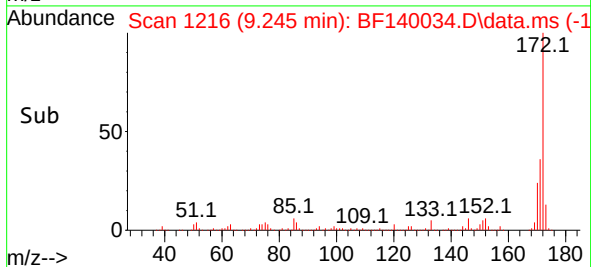
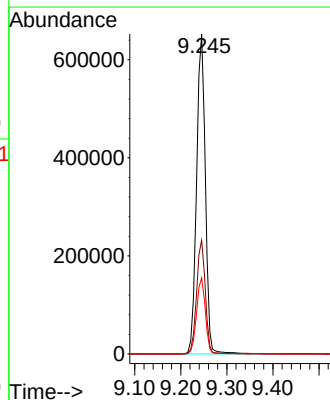
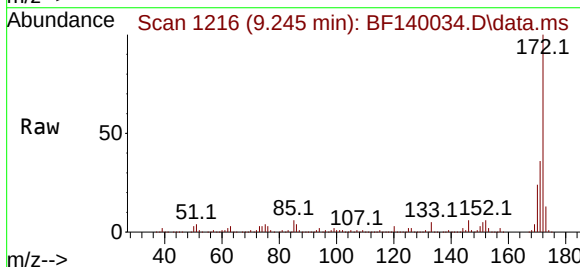
Tgt Ion:172 Resp: 863628

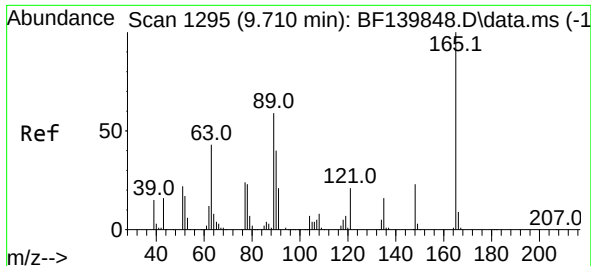
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.8 19.1 28.7

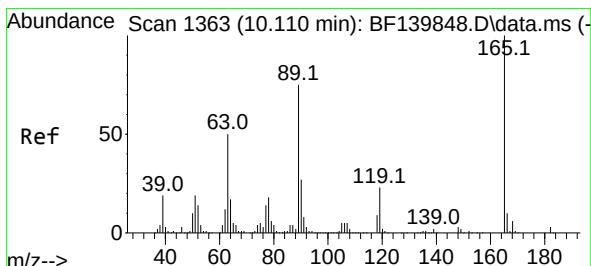
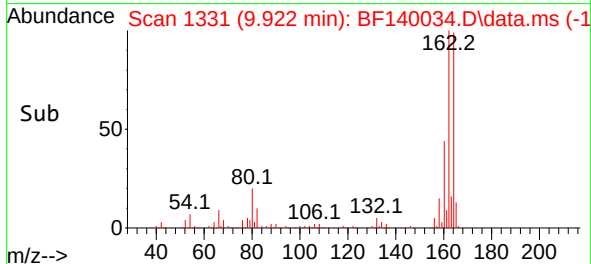
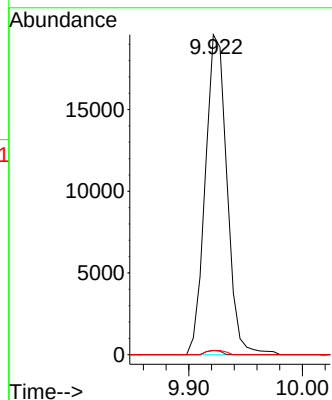
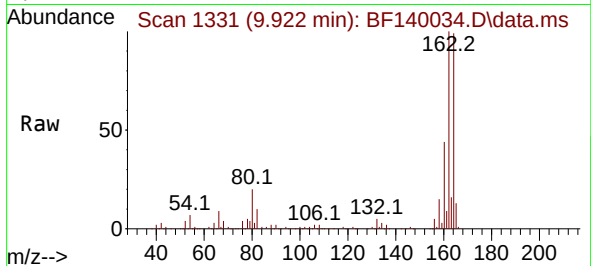




#51
2,6-Dinitrotoluene
Concen: 9.312 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140034.D
Acq: 25 Oct 2024 13:40

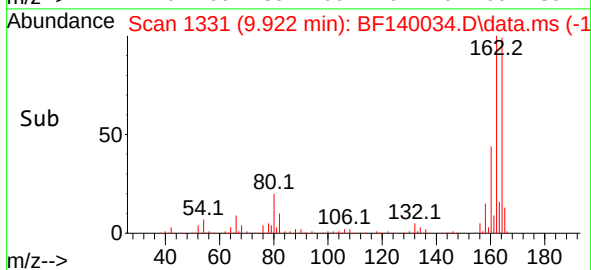
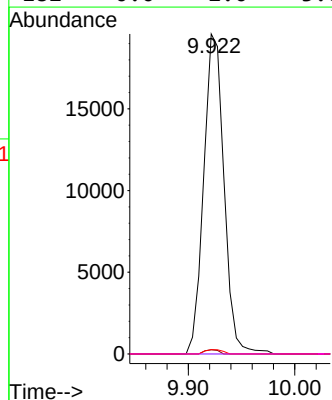
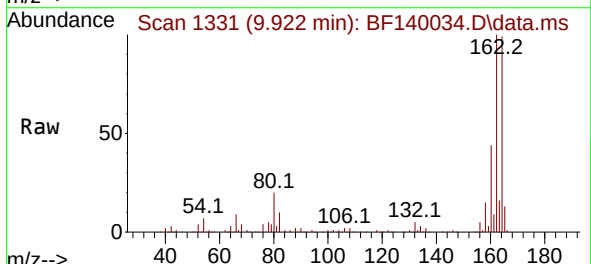
Instrument :
BNA_F
ClientSampleId :
ETGI-331

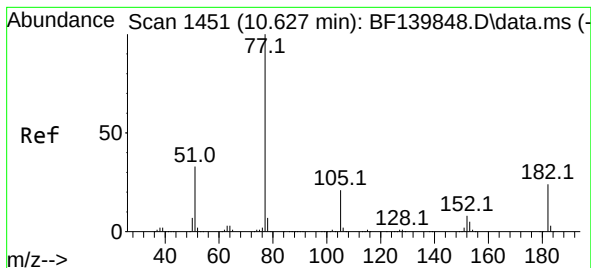
Tgt Ion:165 Resp: 26038
Ion Ratio Lower Upper
165 100
63 1.3 50.6 75.8#
89 1.4 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.572 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140034.D
Acq: 25 Oct 2024 13:40

Tgt Ion:165 Resp: 26038
Ion Ratio Lower Upper
165 100
63 1.3 40.1 60.1#
89 1.4 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 3.028 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF140034.D

Acq: 25 Oct 2024 13:40

Instrument :

BNA_F

ClientSampleId :

ETGI-331

Tgt Ion: 77 Resp: 40711

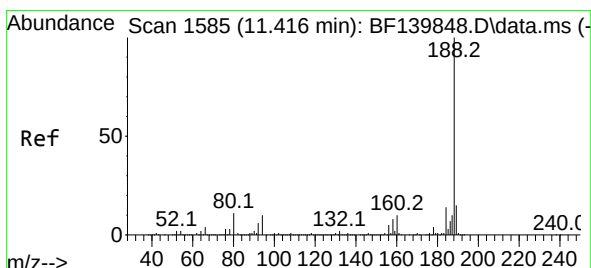
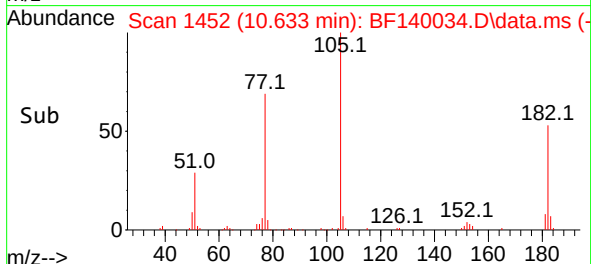
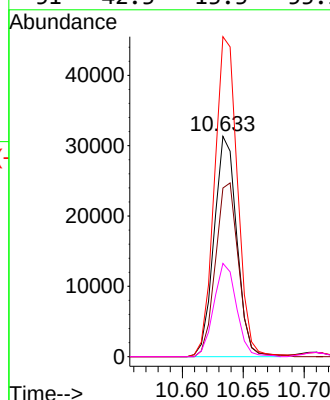
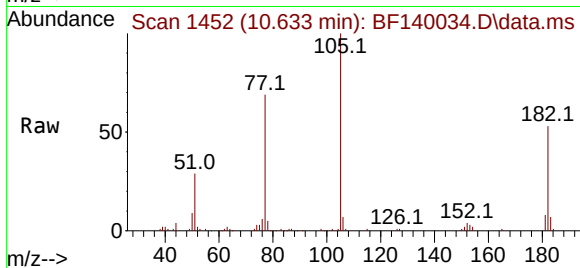
Ion Ratio Lower Upper

77 100

182 76.6 3.3 43.3#

105 145.2 1.2 41.2#

51 42.3 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF140034.D

Acq: 25 Oct 2024 13:40

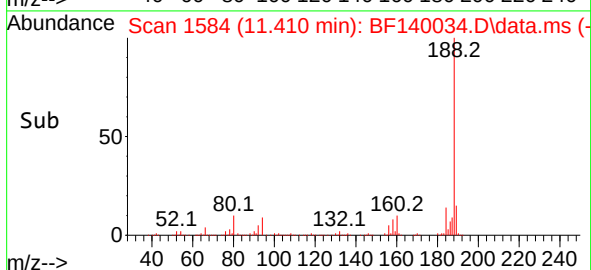
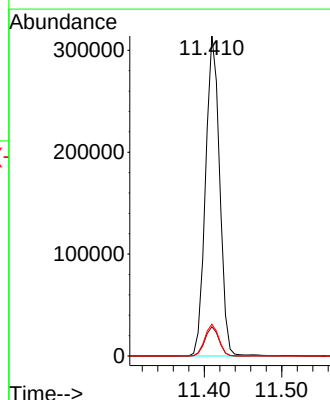
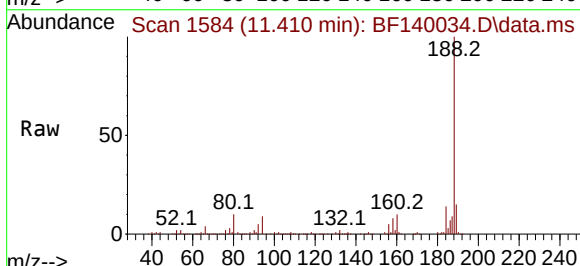
Tgt Ion:188 Resp: 397004

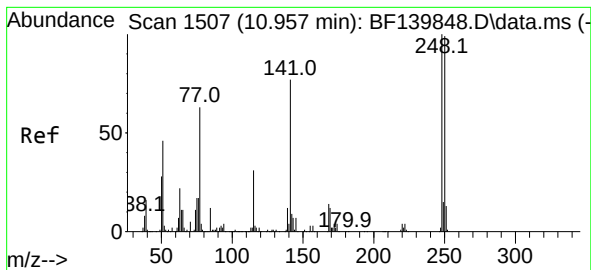
Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

80 9.9 9.0 13.4

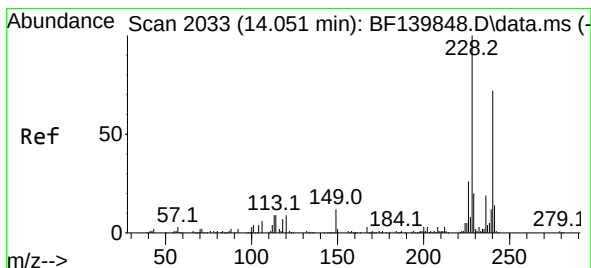
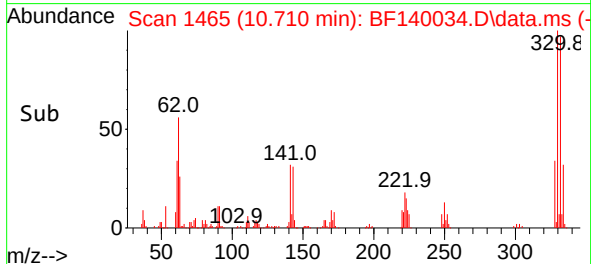
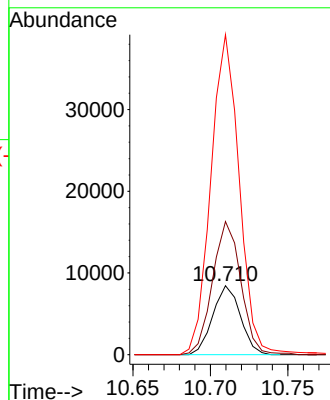
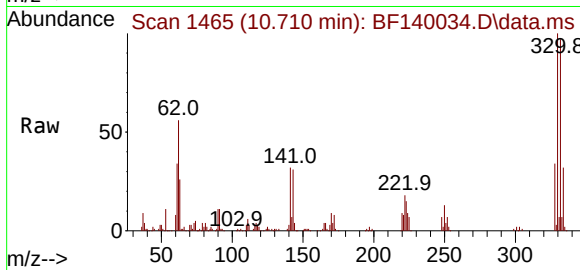




#67
4-Bromophenyl-phenylether
Concen: 2.569 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140034.D
Acq: 25 Oct 2024 13:40

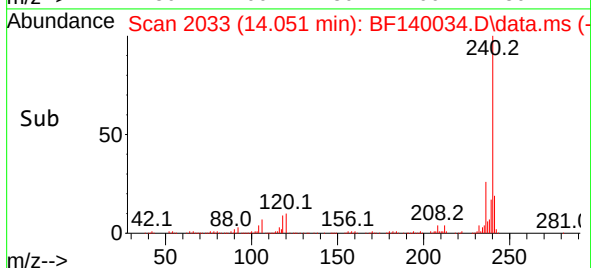
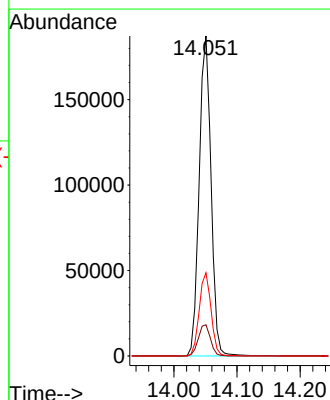
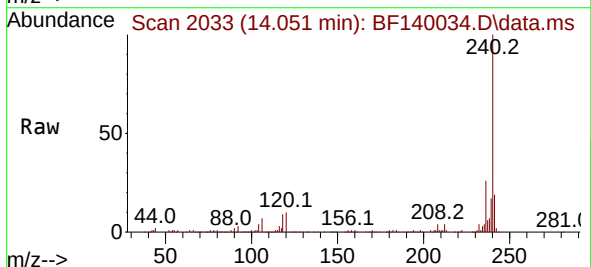
Instrument :
BNA_F
ClientSampleId :
ETGI-331

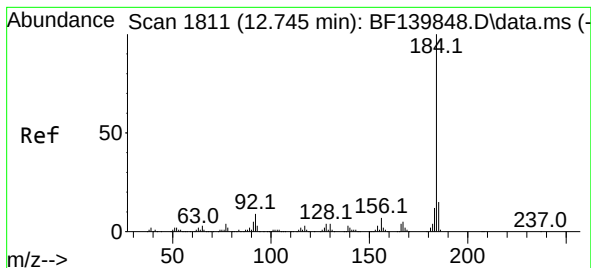
Tgt Ion:248 Resp: 10505
Ion Ratio Lower Upper
248 100
250 193.1 79.0 118.6#
141 464.0 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140034.D
Acq: 25 Oct 2024 13:40

Tgt Ion:240 Resp: 243390
Ion Ratio Lower Upper
240 100
120 9.8 9.4 14.2
236 26.0 20.9 31.3





#77

Benzidine

Concen: 3.403 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF140034.D

Acq: 25 Oct 2024 13:40

Instrument :

BNA_F

ClientSampleId :

ETGI-331

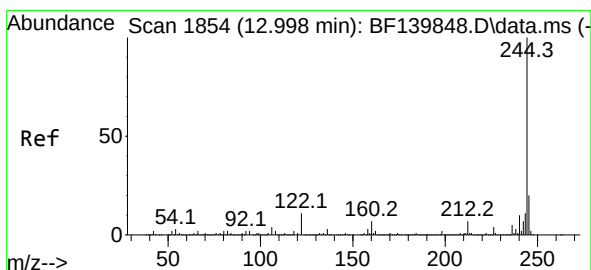
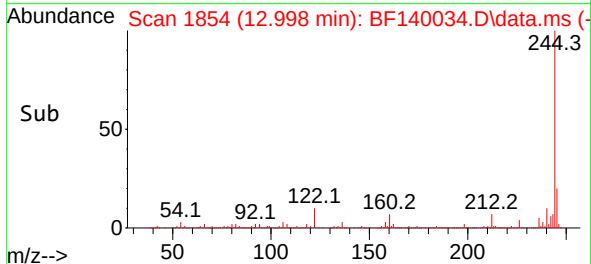
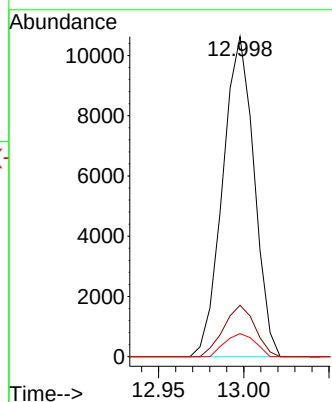
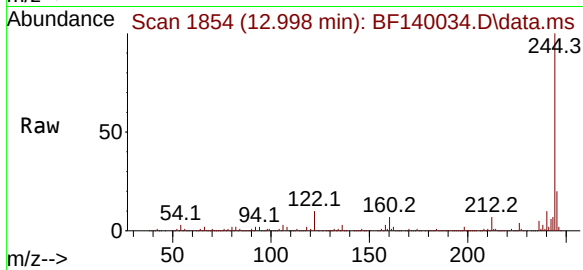
Tgt Ion:184 Resp: 13618

Ion Ratio Lower Upper

184 100

185 16.0 12.0 18.0

183 7.2 9.4 14.2#



#79

Terphenyl-d14

Concen: 70.541 ng

RT: 12.998 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF140034.D

Acq: 25 Oct 2024 13:40

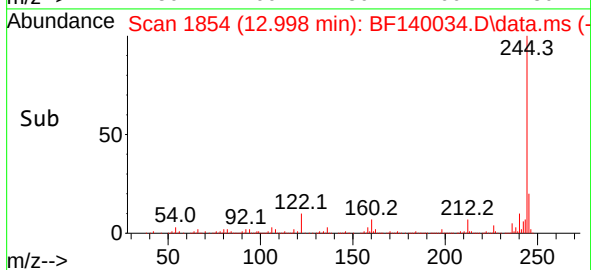
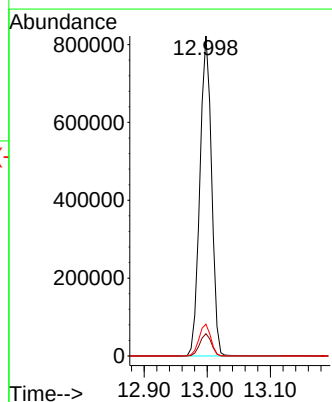
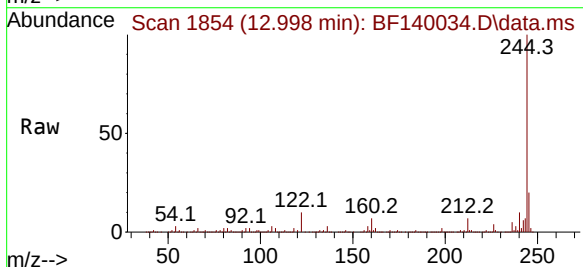
Tgt Ion:244 Resp: 1053642

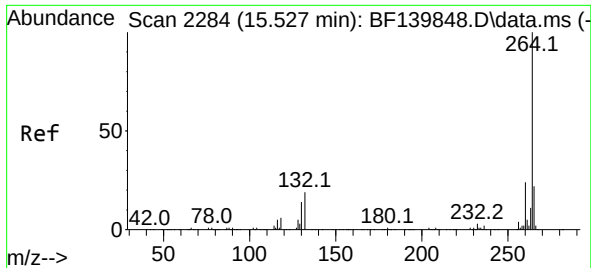
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 9.9 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF140034.D
 Acq: 25 Oct 2024 13:40

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-331

Tgt Ion:264 Resp: 212729
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.7 17.4 26.0

