

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139974.D
 Acq On : 23 Oct 2024 19:54
 Operator : RC/JU
 Sample : P4468-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-329

Quant Time: Oct 24 01:11:51 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)

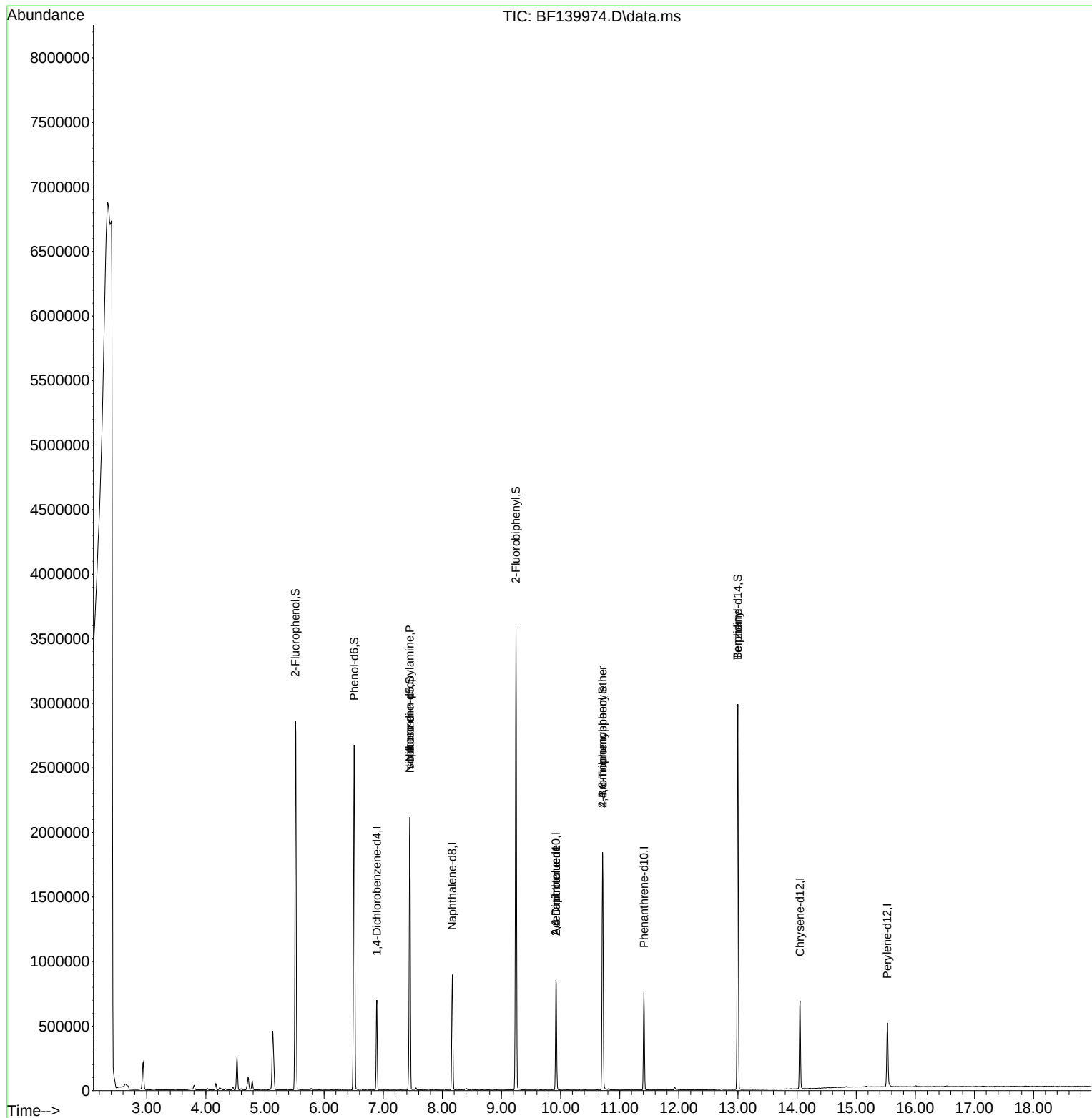
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	141549	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	537624	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	260732	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	391613	20.000	ng	0.00
76) Chrysene-d12	14.051	240	328805	20.000	ng	0.00
86) Perylene-d12	15.527	264	301905	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1138779	125.945	ng	0.02
7) Phenol-d6	6.510	99	1321009	112.804	ng	0.00
23) Nitrobenzene-d5	7.451	82	973311	100.339	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	326192	133.751	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1608344	101.948	ng	0.00
79) Terphenyl-d14	12.998	244	1478682	73.280	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	131272	18.483	ng	# 76
25) Isophorone	7.451	82	970016	52.686	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	33450	9.513	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	33450	7.736	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	20322	5.037	ng	# 1
77) Benzidine	12.998	184	17298	3.199	ng	# 92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139974.D
Acq On : 23 Oct 2024 19:54
Operator : RC/JU
Sample : P4468-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-329

Quant Time: Oct 24 01:11:51 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

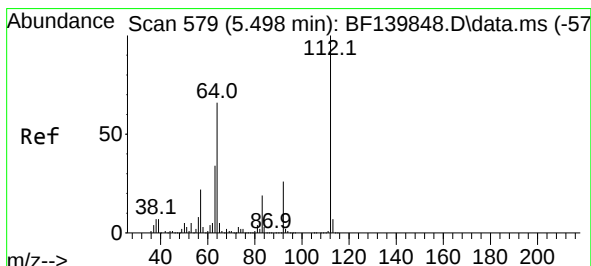
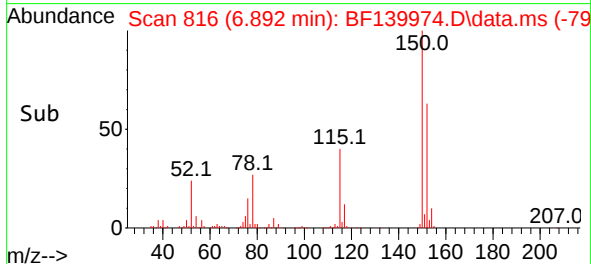
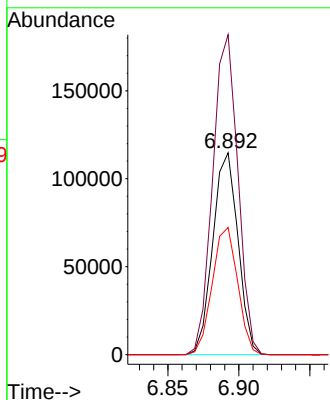
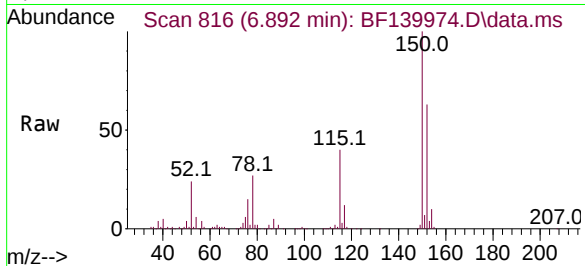




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139974.D
Acq: 23 Oct 2024 19:54

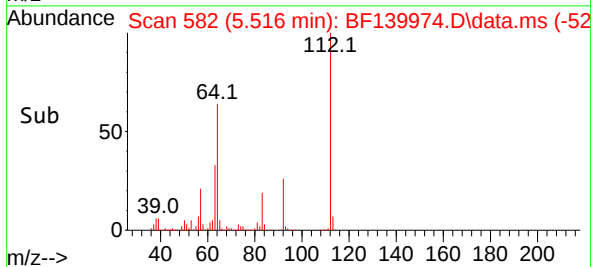
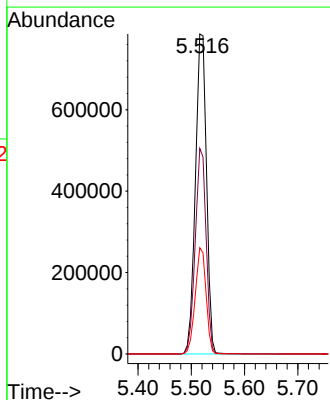
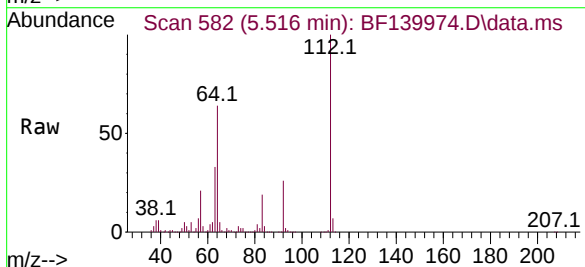
Instrument :
BNA_F
ClientSampleId :
ETGI-329

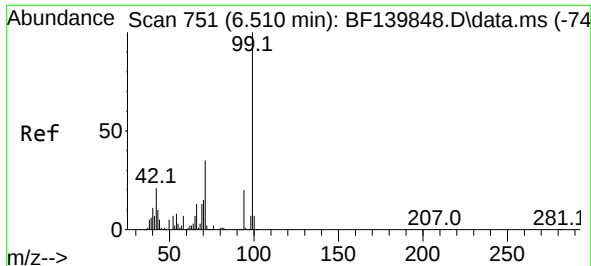
Tgt Ion:152 Resp: 141549
Ion Ratio Lower Upper
152 100
150 158.5 130.2 195.2
115 63.0 51.4 77.2



#5
2-Fluorophenol
Concen: 125.945 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139974.D
Acq: 23 Oct 2024 19:54

Tgt Ion:112 Resp: 1138779
Ion Ratio Lower Upper
112 100
64 64.2 53.0 79.6
63 33.2 27.0 40.4



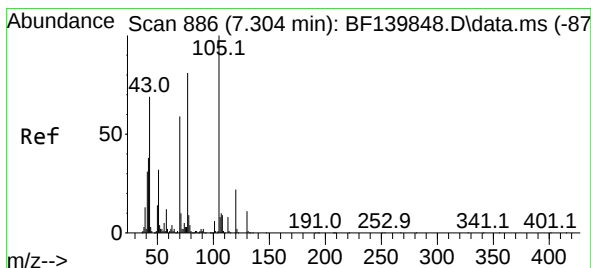
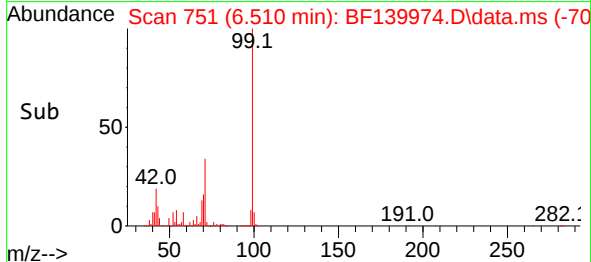
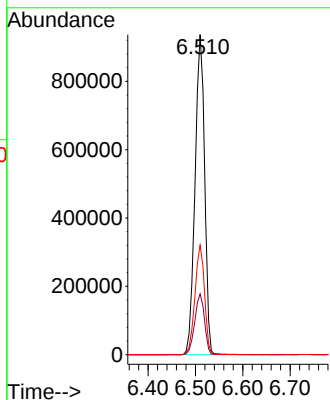
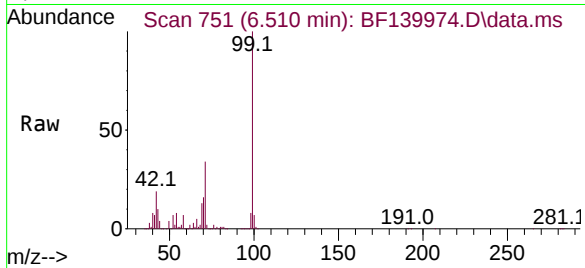


#7
Phenol-d6
Concen: 112.804 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF139974.D
Acq: 23 Oct 2024 19:54

Instrument :
BNA_F
ClientSampleId :
ETGI-329

Tgt Ion: 99 Resp: 1321009

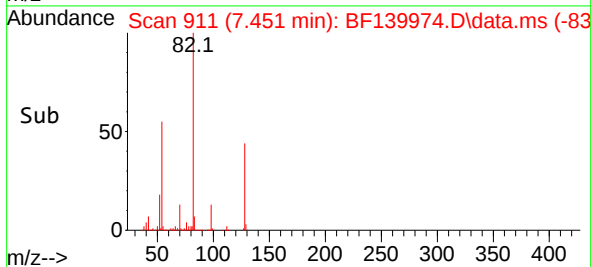
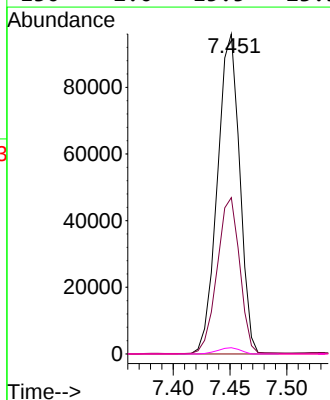
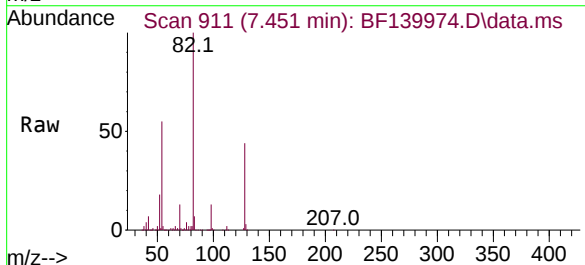
Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.7	25.1
71	34.2	27.7	41.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.483 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139974.D
Acq: 23 Oct 2024 19:54

Tgt Ion: 70 Resp: 131272

Ion	Ratio	Lower	Upper
70	100		
42	48.9	51.5	77.3#
101	0.0	7.5	11.3#
130	2.0	15.5	23.3#



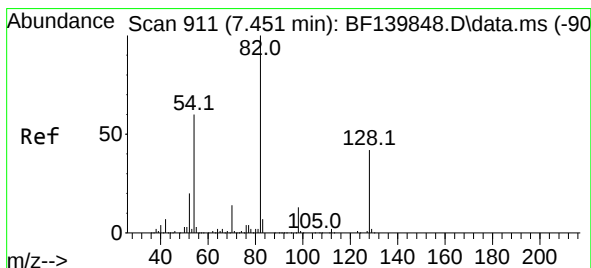
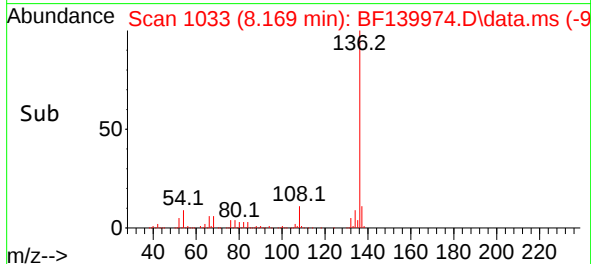
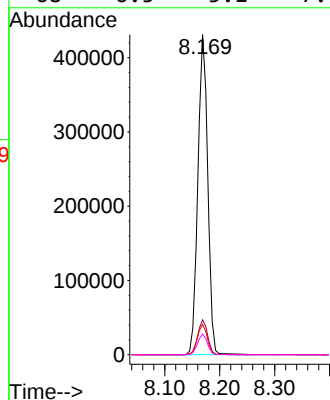
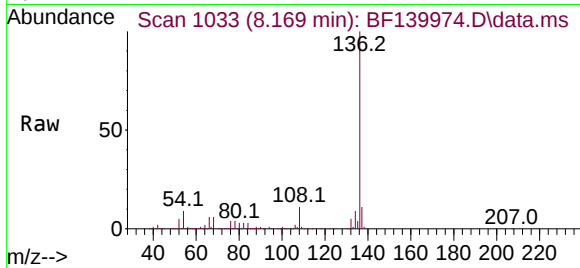


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139974.D
Acq: 23 Oct 2024 19:54

Instrument :
BNA_F
ClientSampleId :
ETGI-329

Tgt Ion:136 Resp: 537624

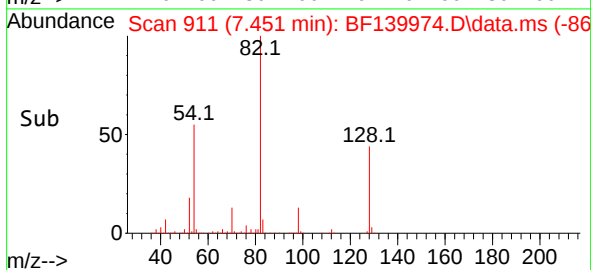
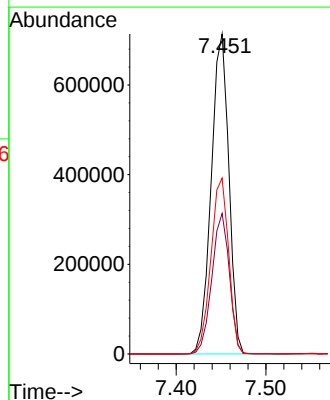
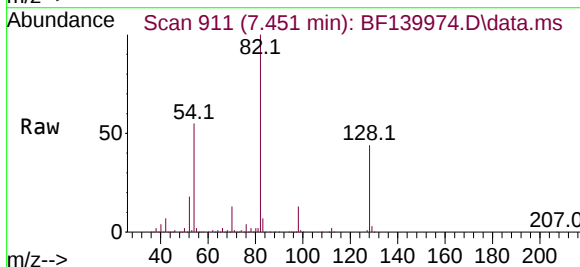
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.5	8.4	12.6
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 100.339 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139974.D
Acq: 23 Oct 2024 19:54

Tgt Ion: 82 Resp: 973311

Ion	Ratio	Lower	Upper
82	100		
128	43.9	33.4	50.0
54	54.9	47.8	71.8

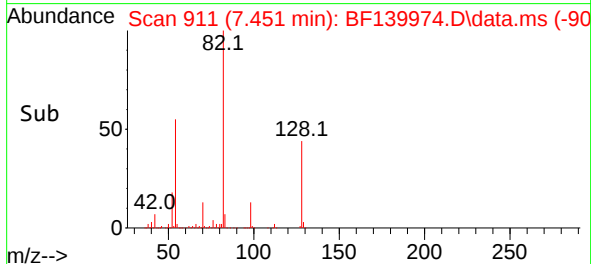
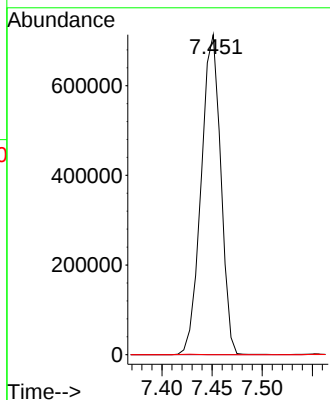
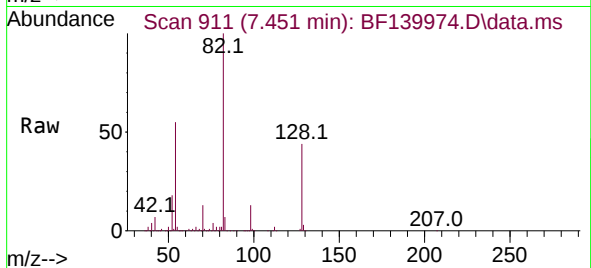




#25
Isophorone
Concen: 52.686 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139974.D
Acq: 23 Oct 2024 19:54

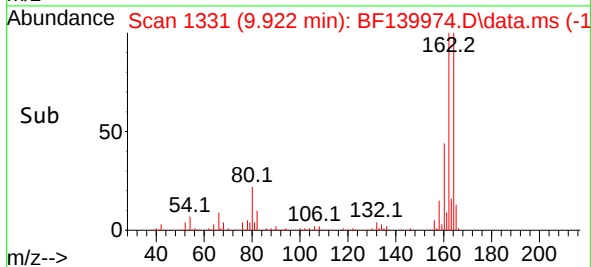
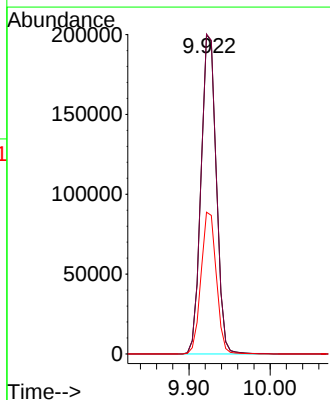
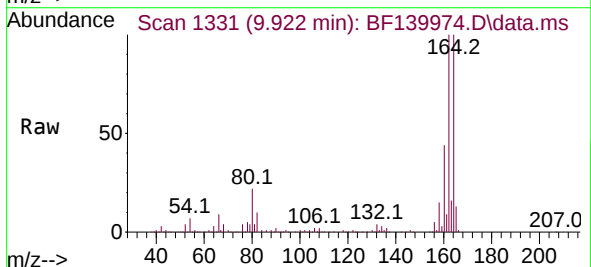
Instrument :
BNA_F
ClientSampleId :
ETGI-329

Tgt Ion: 82 Resp: 970016
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: BF139974.D
Acq: 23 Oct 2024 19:54

Tgt Ion: 164 Resp: 260732
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.4
160 44.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 133.751 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139974.D

Acq: 23 Oct 2024 19:54

Instrument :

BNA_F

ClientSampleId :

ETGI-329

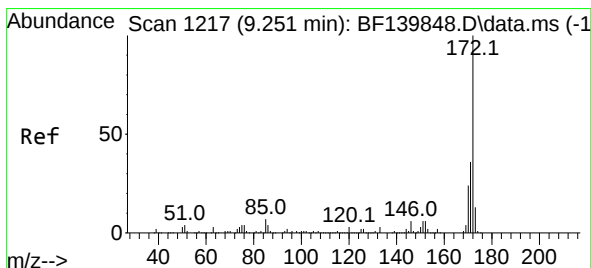
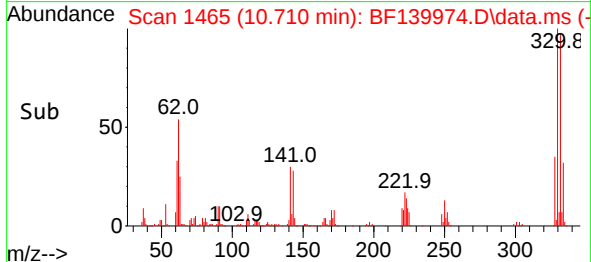
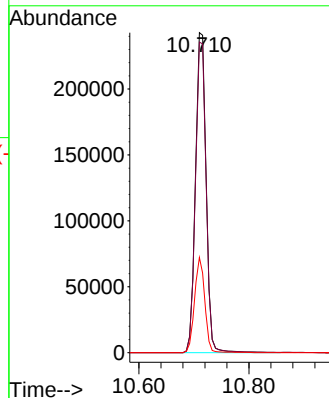
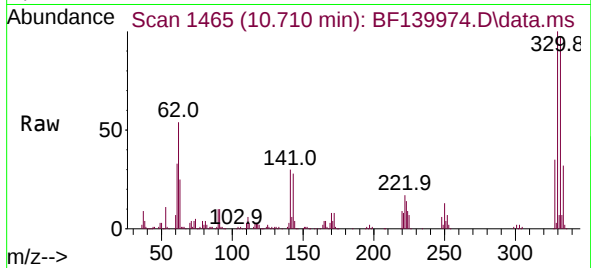
Tgt Ion:330 Resp: 326192

Ion Ratio Lower Upper

330 100

332 97.3 78.1 117.1

141 28.6 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 101.948 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139974.D

Acq: 23 Oct 2024 19:54

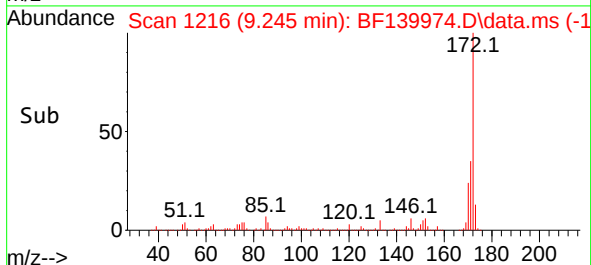
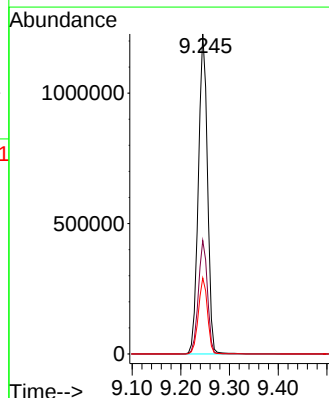
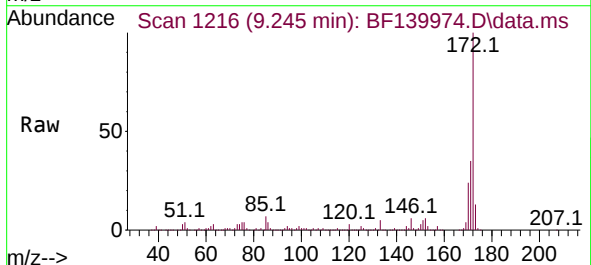
Tgt Ion:172 Resp: 1608344

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.8 19.1 28.7

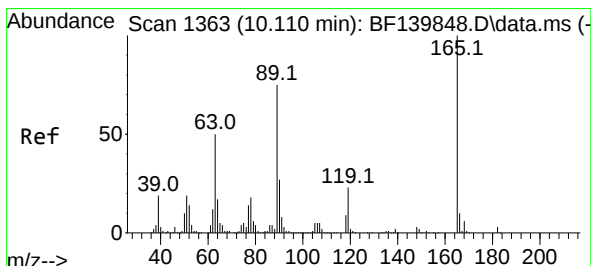
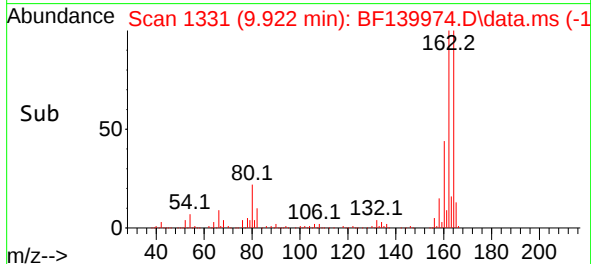
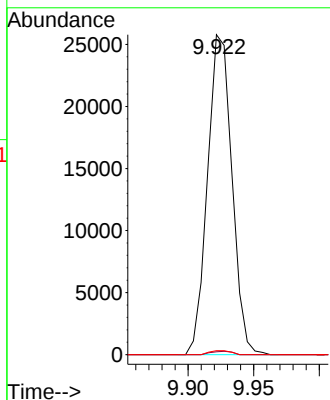
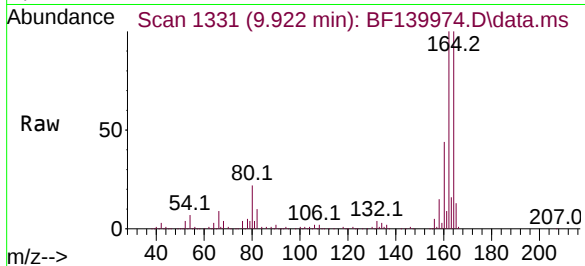




#51
2,6-Dinitrotoluene
Concen: 9.513 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139974.D
Acq: 23 Oct 2024 19:54

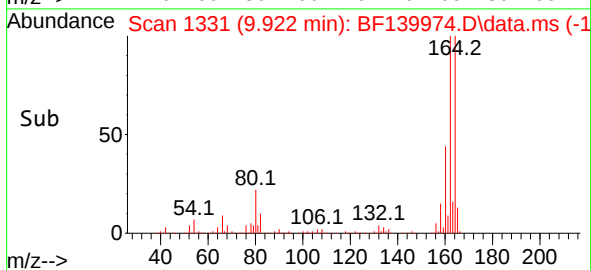
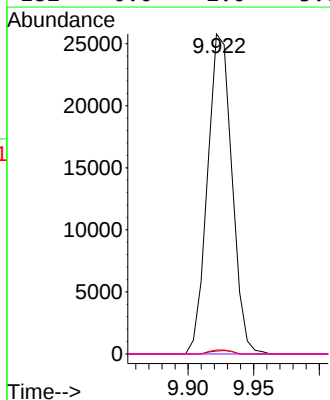
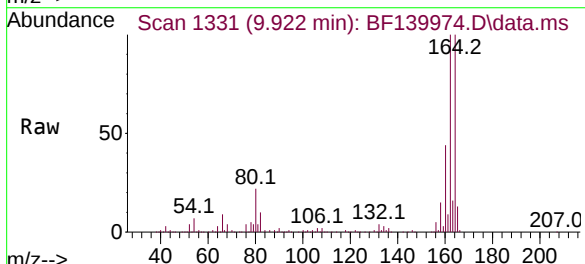
Instrument :
BNA_F
ClientSampleId :
ETGI-329

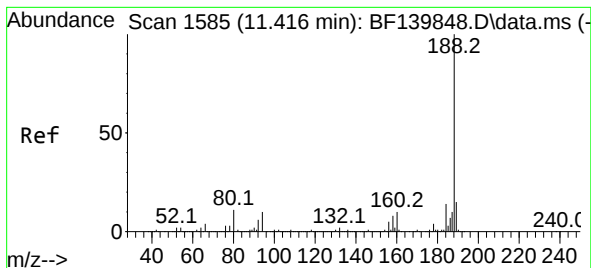
Tgt Ion:165 Resp: 33450
Ion Ratio Lower Upper
165 100
63 0.9 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.736 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139974.D
Acq: 23 Oct 2024 19:54

Tgt Ion:165 Resp: 33450
Ion Ratio Lower Upper
165 100
63 0.9 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139974.D

Acq: 23 Oct 2024 19:54

Instrument :

BNA_F

ClientSampleId :

ETGI-329

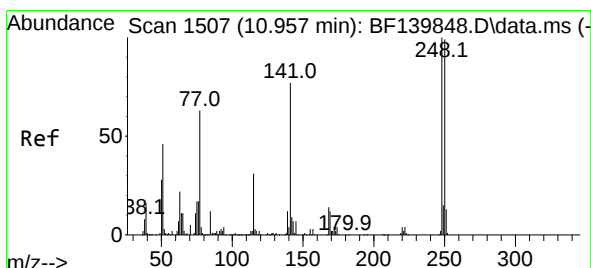
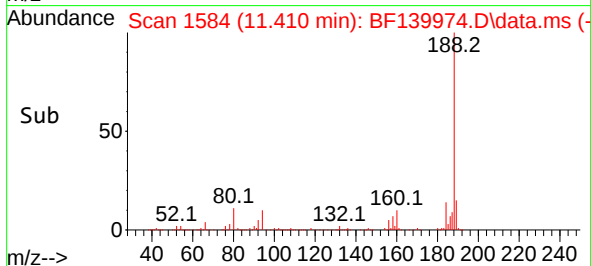
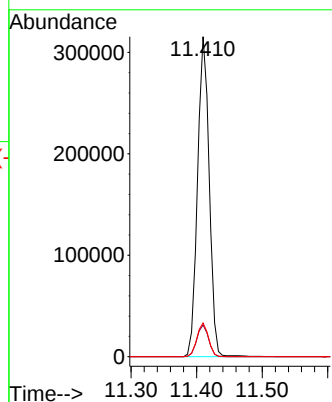
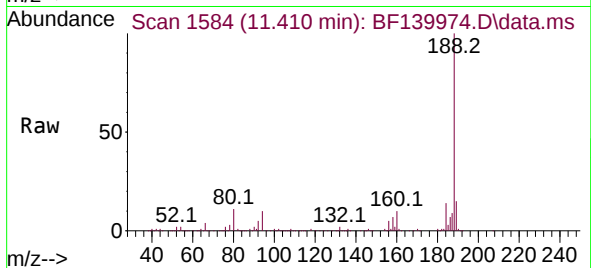
Tgt Ion:188 Resp: 391613

Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

80 10.5 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.037 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF139974.D

Acq: 23 Oct 2024 19:54

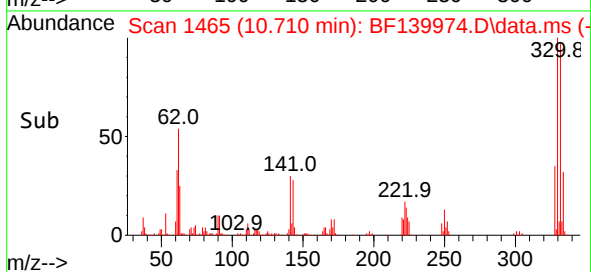
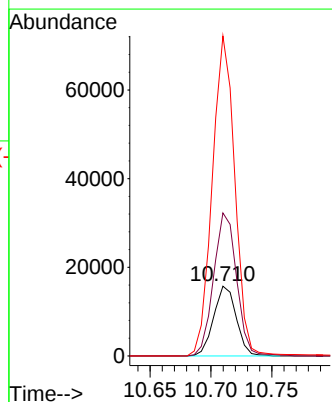
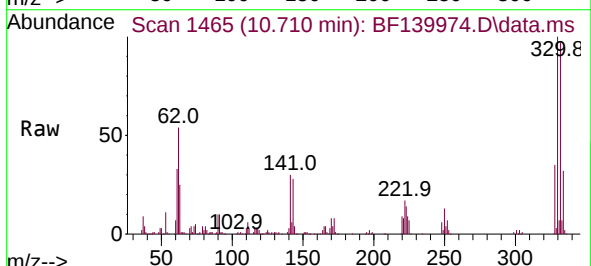
Tgt Ion:248 Resp: 20322

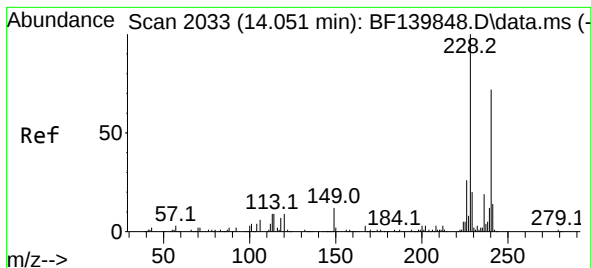
Ion Ratio Lower Upper

248 100

250 205.1 79.0 118.6#

141 458.9 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: BF139974.D

Acq: 23 Oct 2024 19:54

Instrument :

BNA_F

ClientSampleId :

ETGI-329

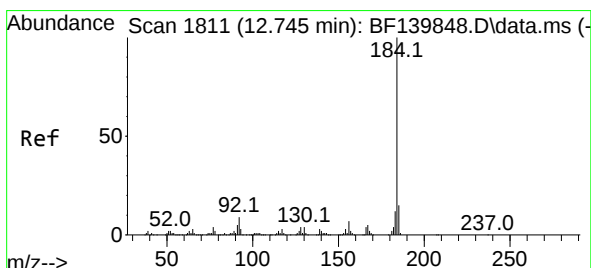
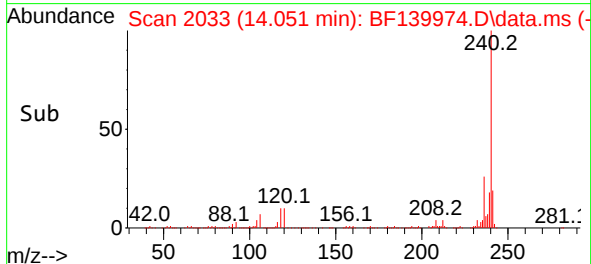
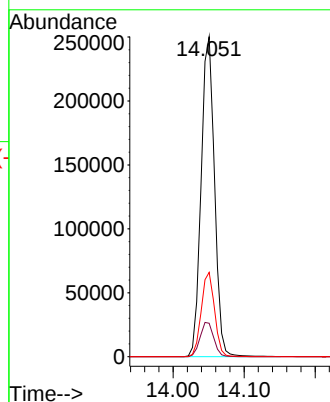
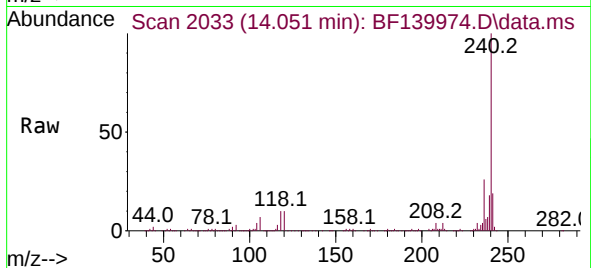
Tgt Ion:240 Resp: 328805

Ion Ratio Lower Upper

240 100

120 10.4 9.4 14.2

236 26.3 20.9 31.3



#77

Benzdine

Concen: 3.199 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF139974.D

Acq: 23 Oct 2024 19:54

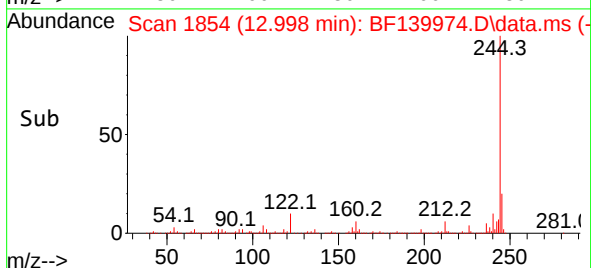
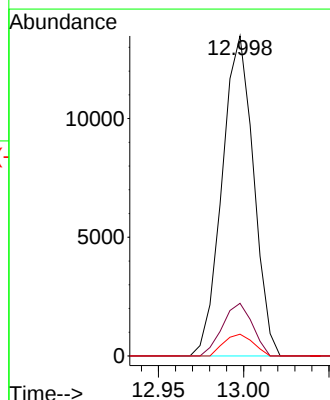
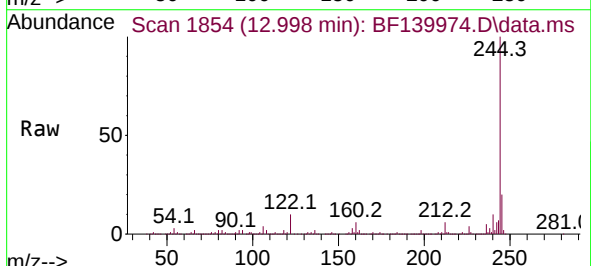
Tgt Ion:184 Resp: 17298

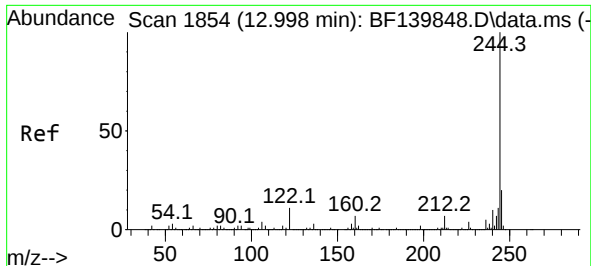
Ion Ratio Lower Upper

184 100

185 16.4 12.0 18.0

183 6.8 9.4 14.2#

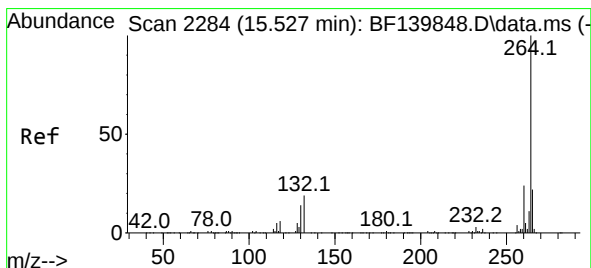
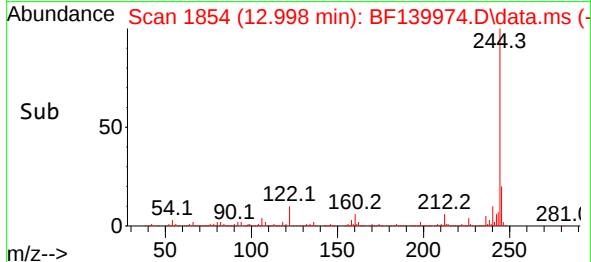
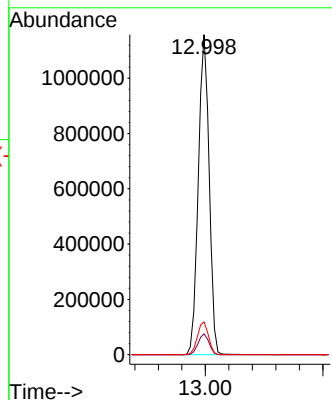
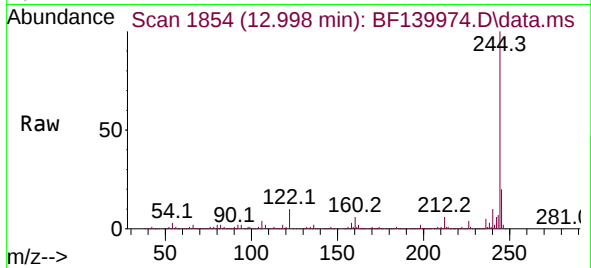




#79
 Terphenyl-d14
 Concen: 73.280 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139974.D
 Acq: 23 Oct 2024 19:54

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-329

Tgt Ion:244 Resp: 1478682
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.7 8.5
 122 10.2 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF139974.D
 Acq: 23 Oct 2024 19:54

Tgt Ion:264 Resp: 301905
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 20.8 17.4 26.0

