

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139929.D
 Acq On : 22 Oct 2024 15:32
 Operator : RC/JU
 Sample : P4452-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-285

Quant Time: Oct 22 15:54:37 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

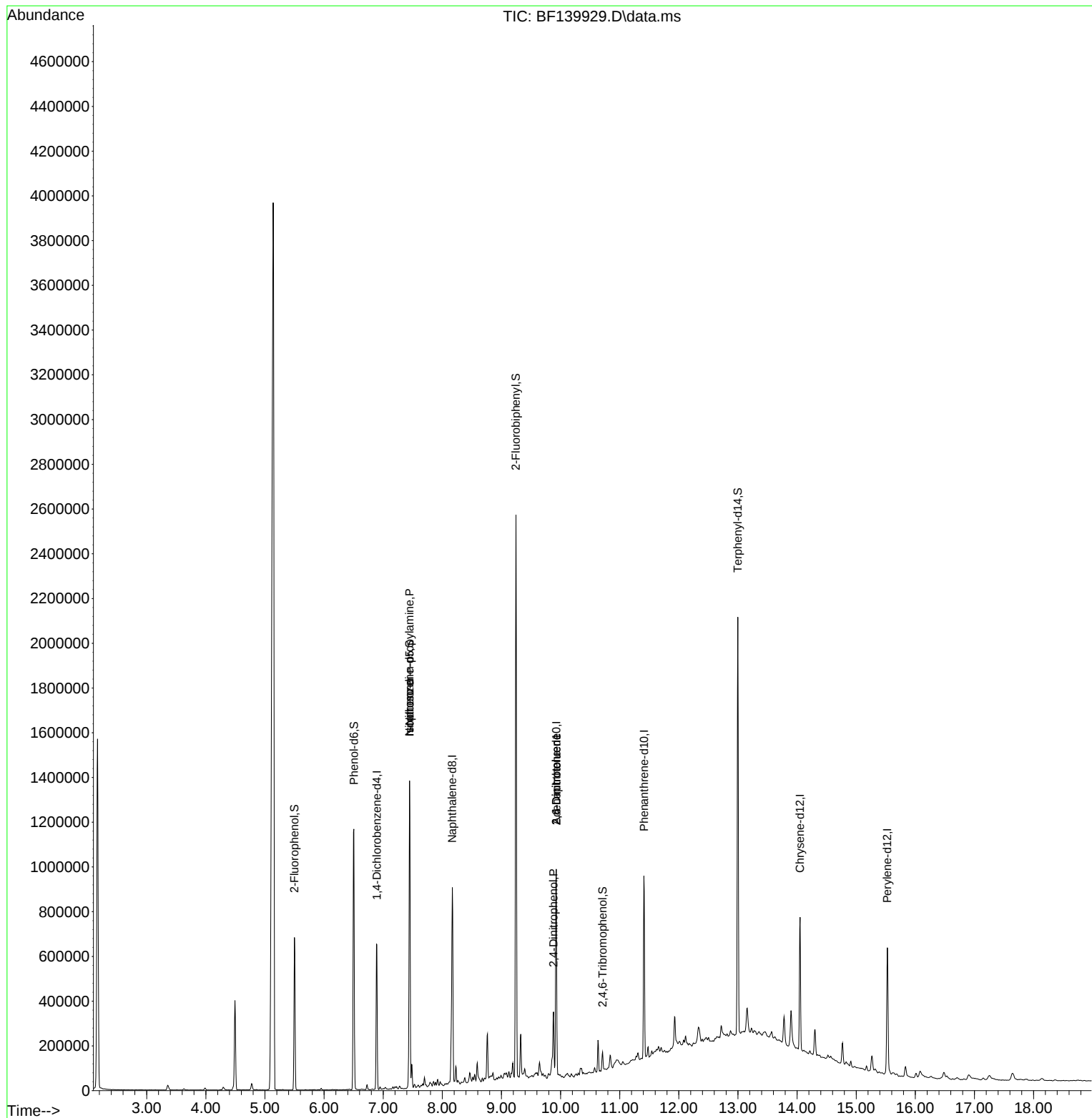
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	136762	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	515571	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	275792	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	425456	20.000	ng	0.00
76) Chrysene-d12	14.051	240	284852	20.000	ng	0.00
86) Perylene-d12	15.527	264	333407	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	239470	27.412	ng	0.00
7) Phenol-d6	6.504	99	536711	47.435	ng	0.00
23) Nitrobenzene-d5	7.445	82	593404	63.791	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	13751	5.331	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1076611	64.516	ng	0.00
79) Terphenyl-d14	12.998	244	903667	51.694	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	81401	11.862	ng	# 77
25) Isophorone	7.445	82	590653	33.454	ng	# 67
51) 2,6-Dinitrotoluene	9.928	165	36270	9.751	ng	# 22
54) 2,4-Dinitrophenol	9.880	184	59	6.563	ng	# 1
57) 2,4-Dinitrotoluene	9.928	165	36270	7.930	ng	# 21

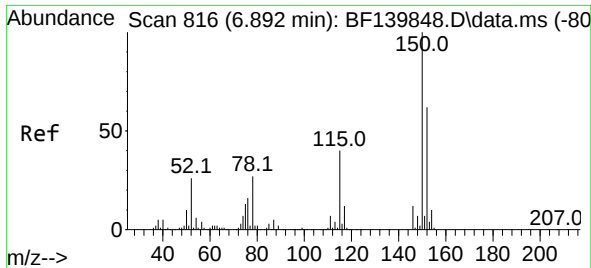
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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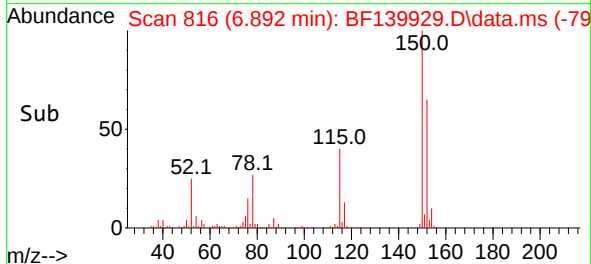
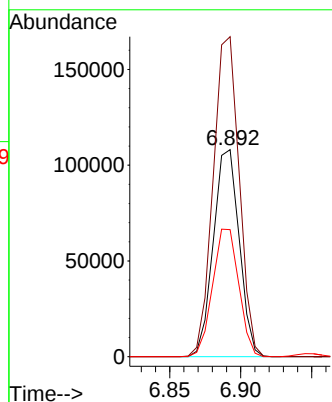
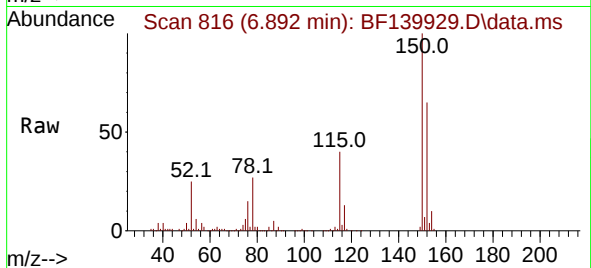




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139929.D
Acq: 22 Oct 2024 15:32

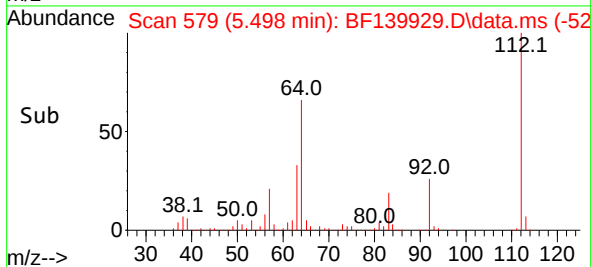
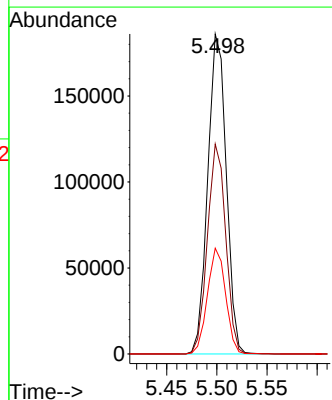
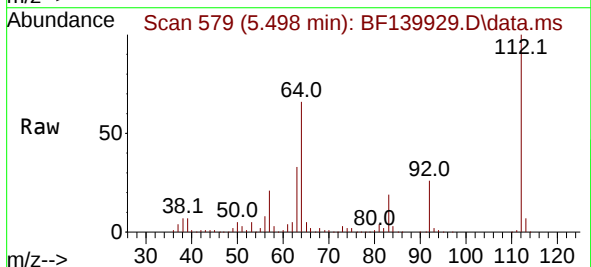
Instrument :
BNA_F
ClientSampleId :
ETGI-285

Tgt Ion:152 Resp: 136762
Ion Ratio Lower Upper
152 100
150 154.6 130.2 195.2
115 61.4 51.4 77.2



#5
2-Fluorophenol
Concen: 27.412 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139929.D
Acq: 22 Oct 2024 15:32

Tgt Ion:112 Resp: 239470
Ion Ratio Lower Upper
112 100
64 65.6 53.0 79.6
63 33.0 27.0 40.4





#7

Phenol-d6

Concen: 47.435 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139929.D

Acq: 22 Oct 2024 15:32

Instrument :

BNA_F

ClientSampleId :

ETGI-285

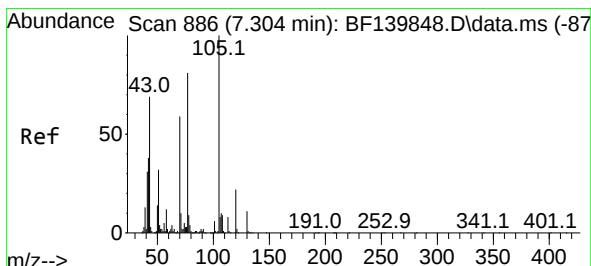
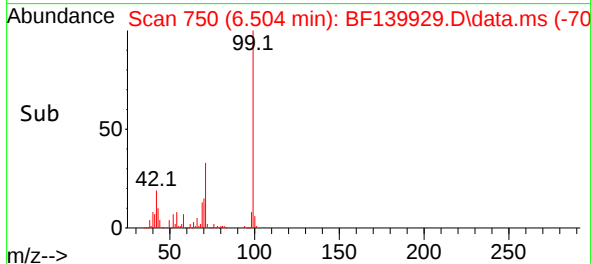
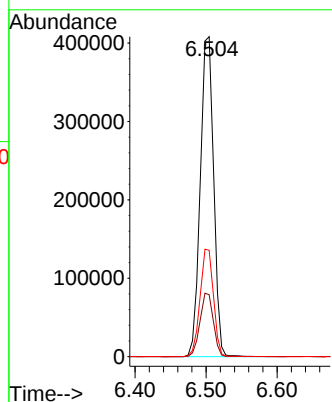
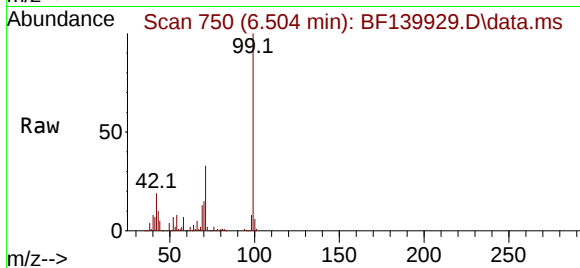
Tgt Ion: 99 Resp: 536711

Ion Ratio Lower Upper

99 100

42 19.3 16.7 25.1

71 33.3 27.7 41.5



#19

n-Nitroso-di-n-propylamine

Concen: 11.862 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.141 min

Lab File: BF139929.D

Acq: 22 Oct 2024 15:32

Tgt Ion: 70 Resp: 81401

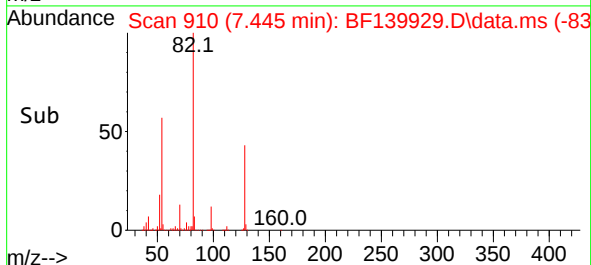
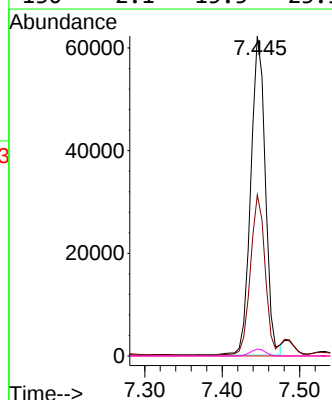
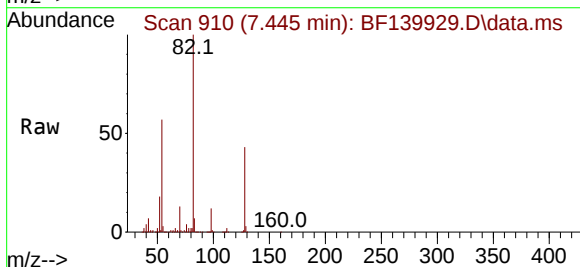
Ion Ratio Lower Upper

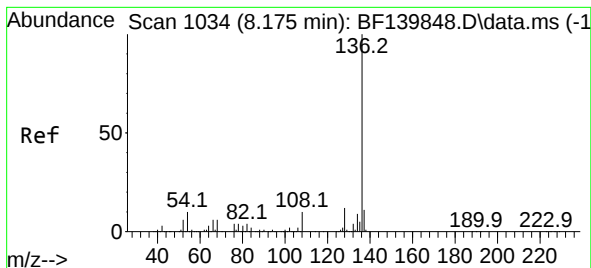
70 100

42 50.3 51.5 77.3#

101 0.0 7.5 11.3#

130 2.1 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: BF139929.D

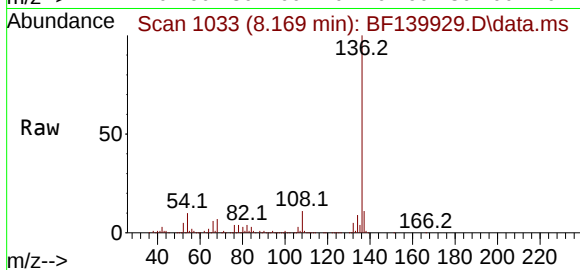
Acq: 22 Oct 2024 15:32

Instrument :

BNA_F

ClientSampleId :

ETGI-285



Tgt Ion:136 Resp: 515571

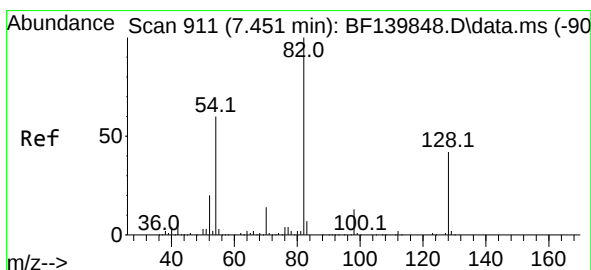
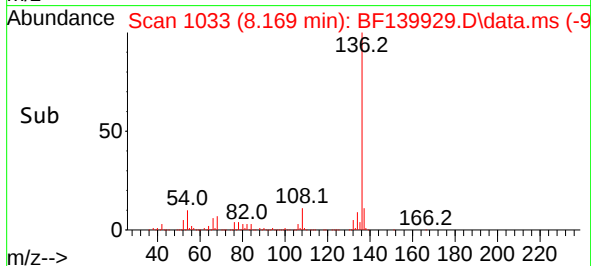
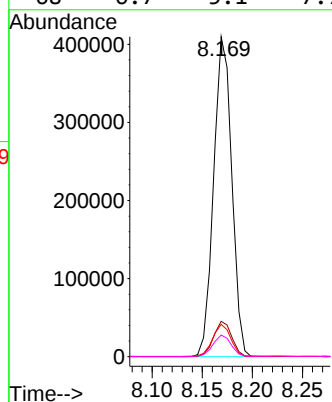
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 10.1 8.4 12.6

68 6.7 5.1 7.7



#23

Nitrobenzene-d5

Concen: 63.791 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF139929.D

Acq: 22 Oct 2024 15:32

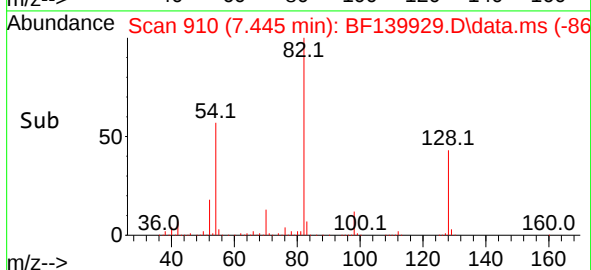
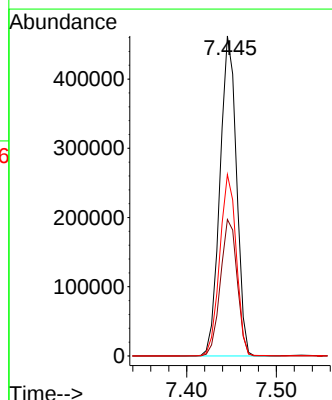
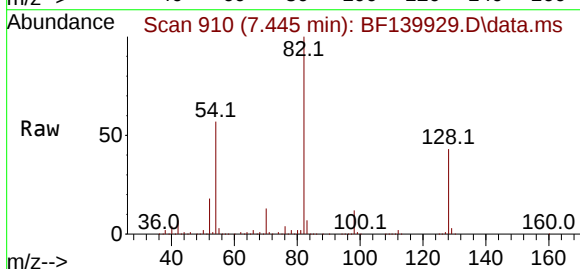
Tgt Ion: 82 Resp: 593404

Ion Ratio Lower Upper

82 100

128 42.6 33.4 50.0

54 56.7 47.8 71.8

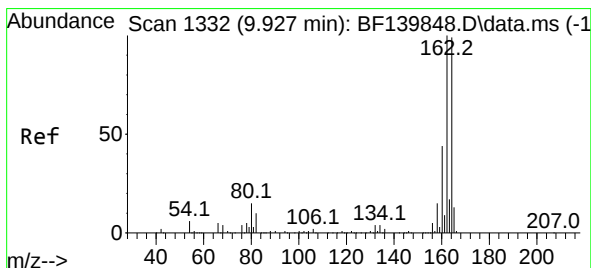
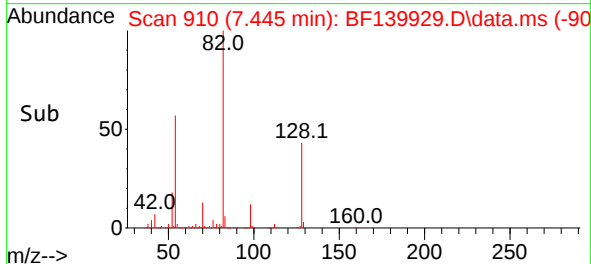
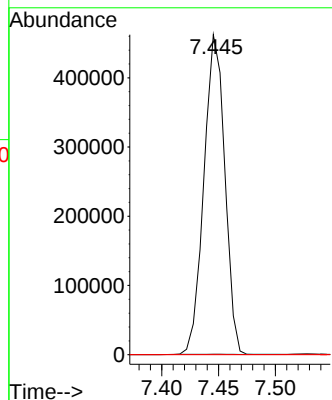
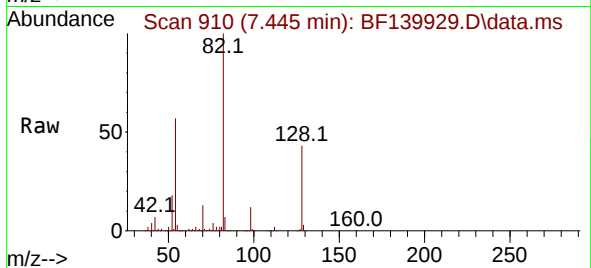




#25
Isophorone
Concen: 33.454 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF139929.D
Acq: 22 Oct 2024 15:32

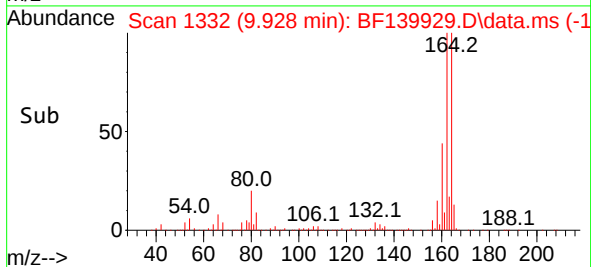
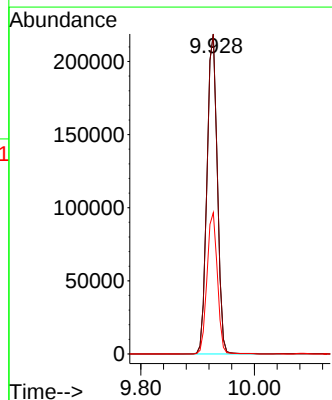
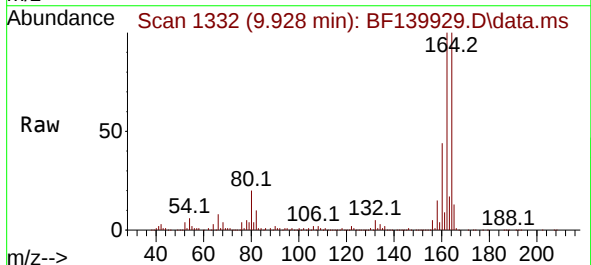
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Tgt Ion: 82 Resp: 590653
Ion Ratio Lower Upper
82 100
95 0.1 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF139929.D
Acq: 22 Oct 2024 15:32

Tgt Ion:164 Resp: 275792
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.4
160 44.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 5.331 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139929.D

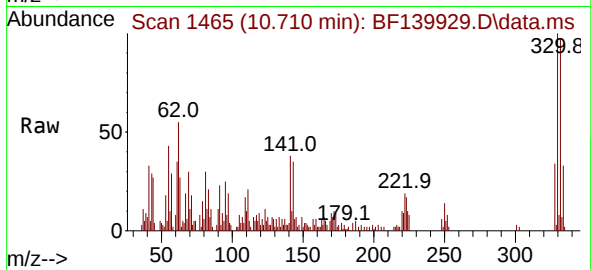
Acq: 22 Oct 2024 15:32

Instrument :

BNA_F

ClientSampleId :

ETGI-285



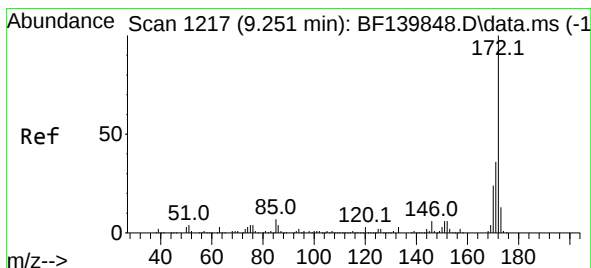
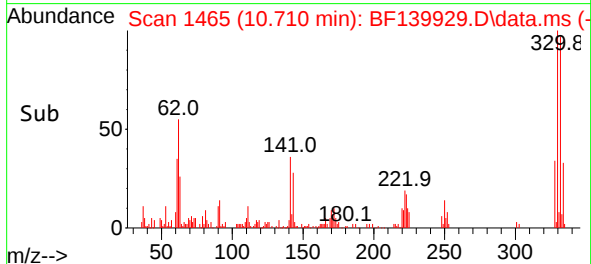
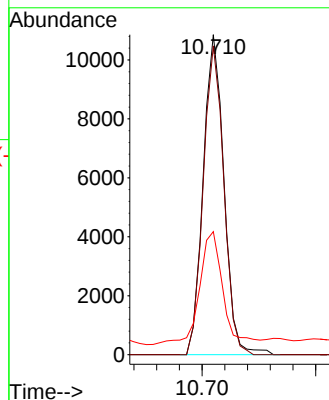
Tgt Ion:330 Resp: 13751

Ion Ratio Lower Upper

330 100

332 95.4 78.1 117.1

141 39.6 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 64.516 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139929.D

Acq: 22 Oct 2024 15:32

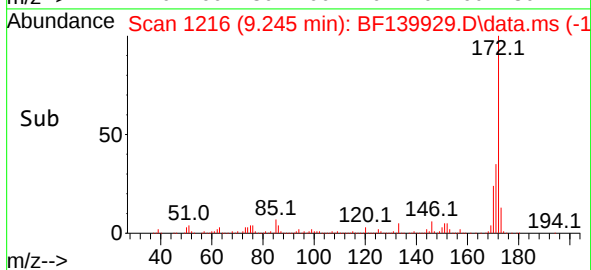
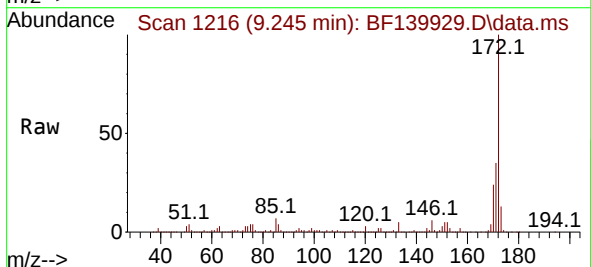
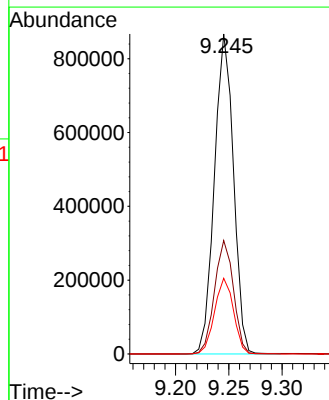
Tgt Ion:172 Resp: 1076611

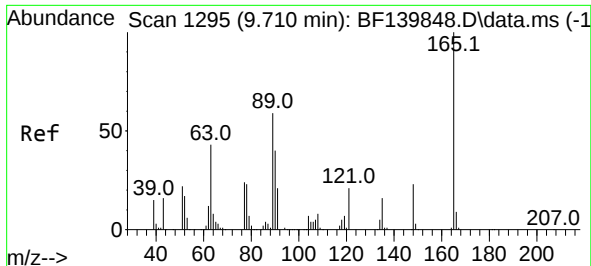
Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.6 19.1 28.7

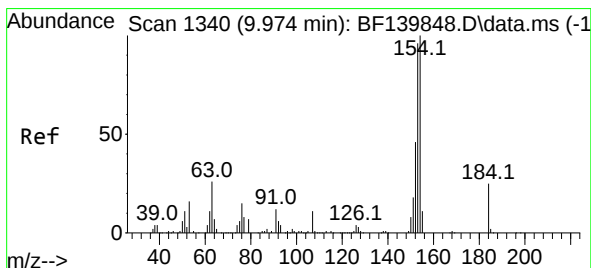
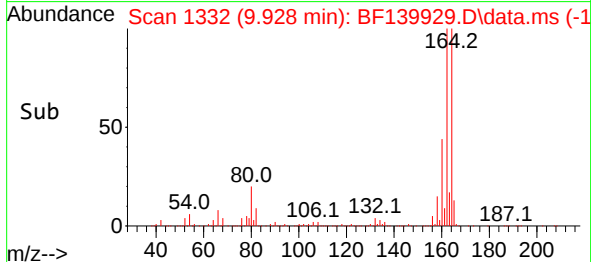
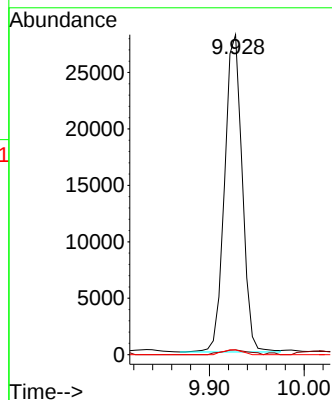
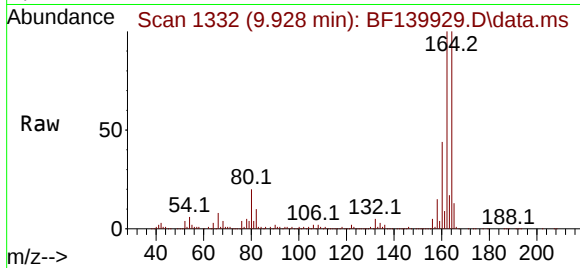




#51
2,6-Dinitrotoluene
Concen: 9.751 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF139929.D
Acq: 22 Oct 2024 15:32

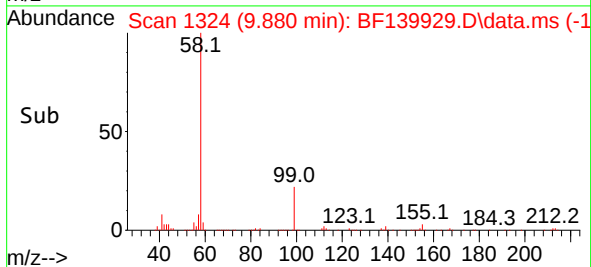
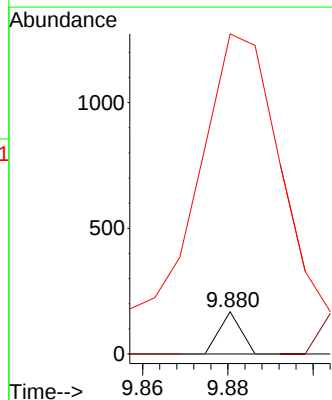
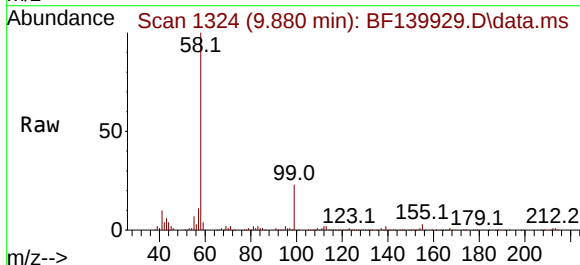
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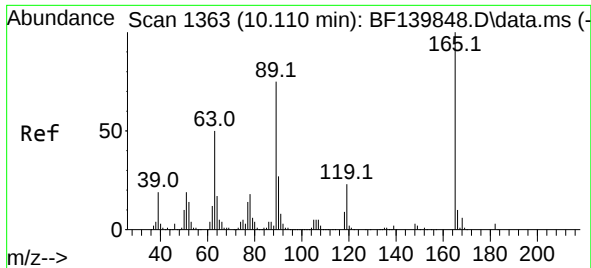
Tgt Ion:165 Resp: 36270
Ion Ratio Lower Upper
165 100
63 1.5 50.6 75.8#
89 1.5 47.5 71.3#



#54
2,4-Dinitrophenol
Concen: 6.563 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.094 min
Lab File: BF139929.D
Acq: 22 Oct 2024 15:32

Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 84.7 127.1#
154 757.7 338.2 507.2#

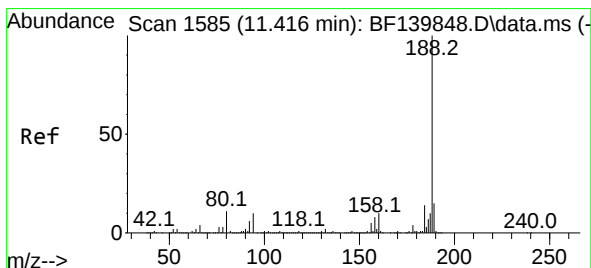
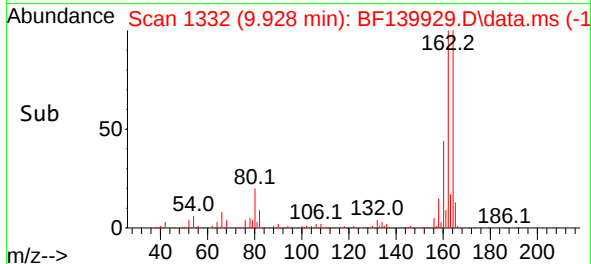
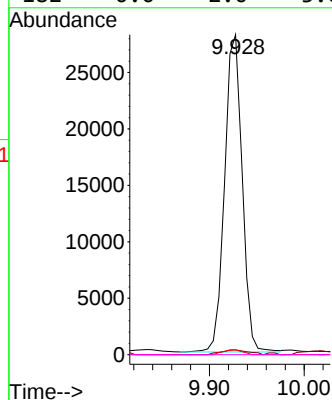
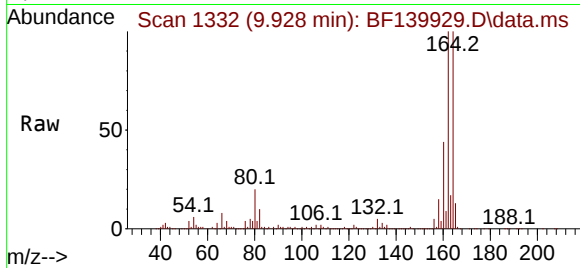




#57
2,4-Dinitrotoluene
Concen: 7.930 ng
RT: 9.928 min Scan# 11
Delta R.T. -0.182 min
Lab File: BF139929.D
Acq: 22 Oct 2024 15:32

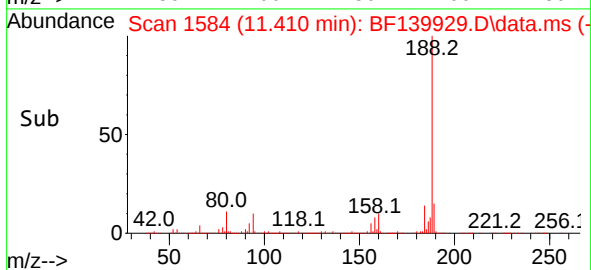
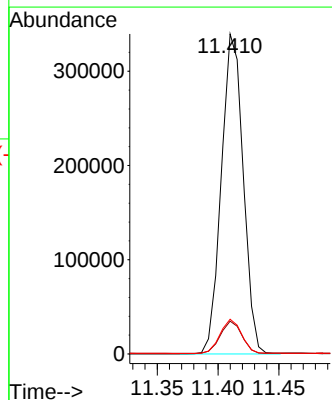
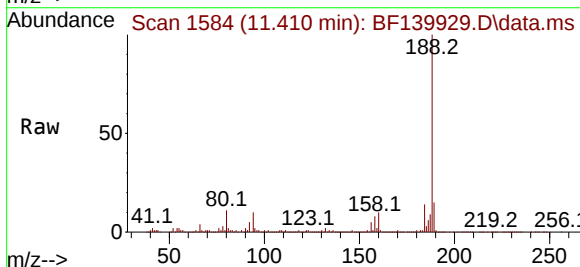
Instrument :
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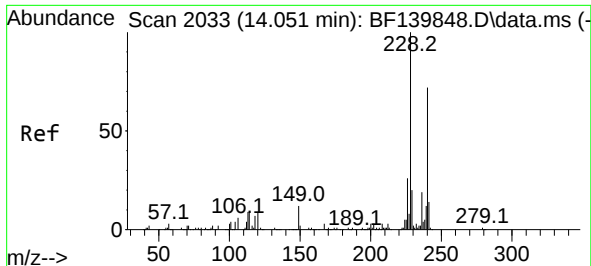
Tgt Ion:165 Resp: 36270
Ion Ratio Lower Upper
165 100
63 1.5 40.1 60.1#
89 1.5 60.4 90.6#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139929.D
Acq: 22 Oct 2024 15:32

Tgt Ion:188 Resp: 425456
Ion Ratio Lower Upper
188 100
94 10.3 7.9 11.9
80 10.9 9.0 13.4

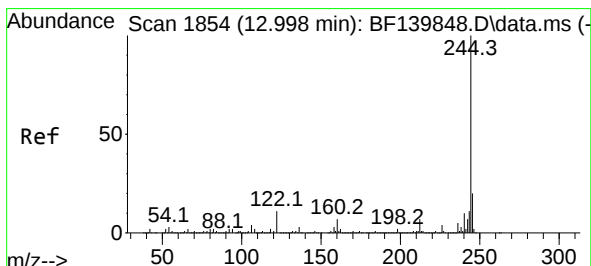
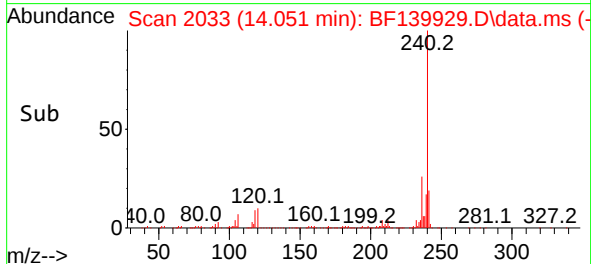
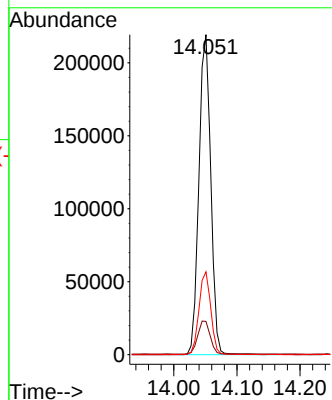
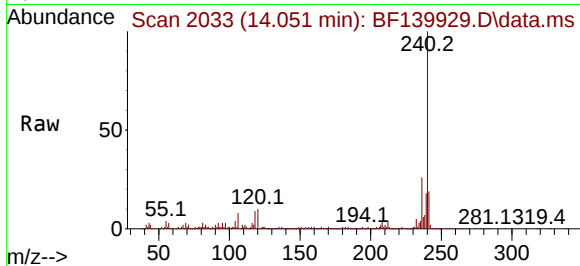




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139929.D
Acq: 22 Oct 2024 15:32

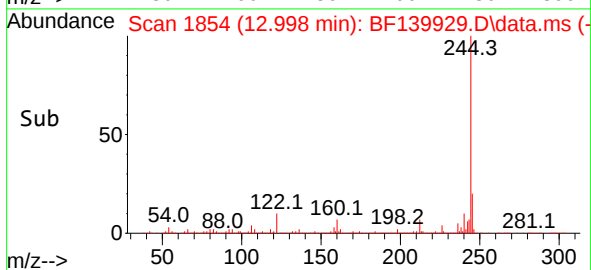
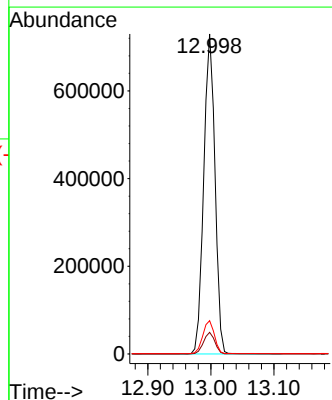
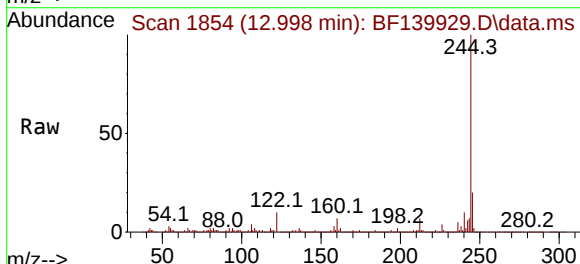
Instrument :
BNA_F
ClientSampleId :
ETGI-285

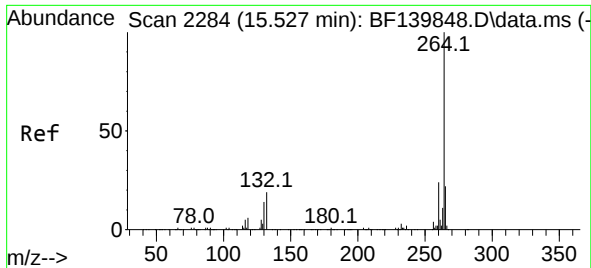
Tgt Ion:240 Resp: 284852
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.2
236 25.9 20.9 31.3



#79
Terphenyl-d14
Concen: 51.694 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF139929.D
Acq: 22 Oct 2024 15:32

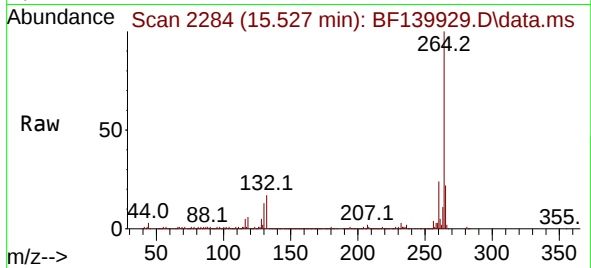
Tgt Ion:244 Resp: 903667
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 10.4 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139929.D
 Acq: 22 Oct 2024 15:32

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-285



Tgt Ion:	264	Resp:	333407
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.4	29.2
265	21.9	17.4	26.0

