

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
 Data File : BF139858.D
 Acq On : 18 Oct 2024 17:15
 Operator : RC/JU
 Sample : P4425-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Oct 18 17:56:22 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)

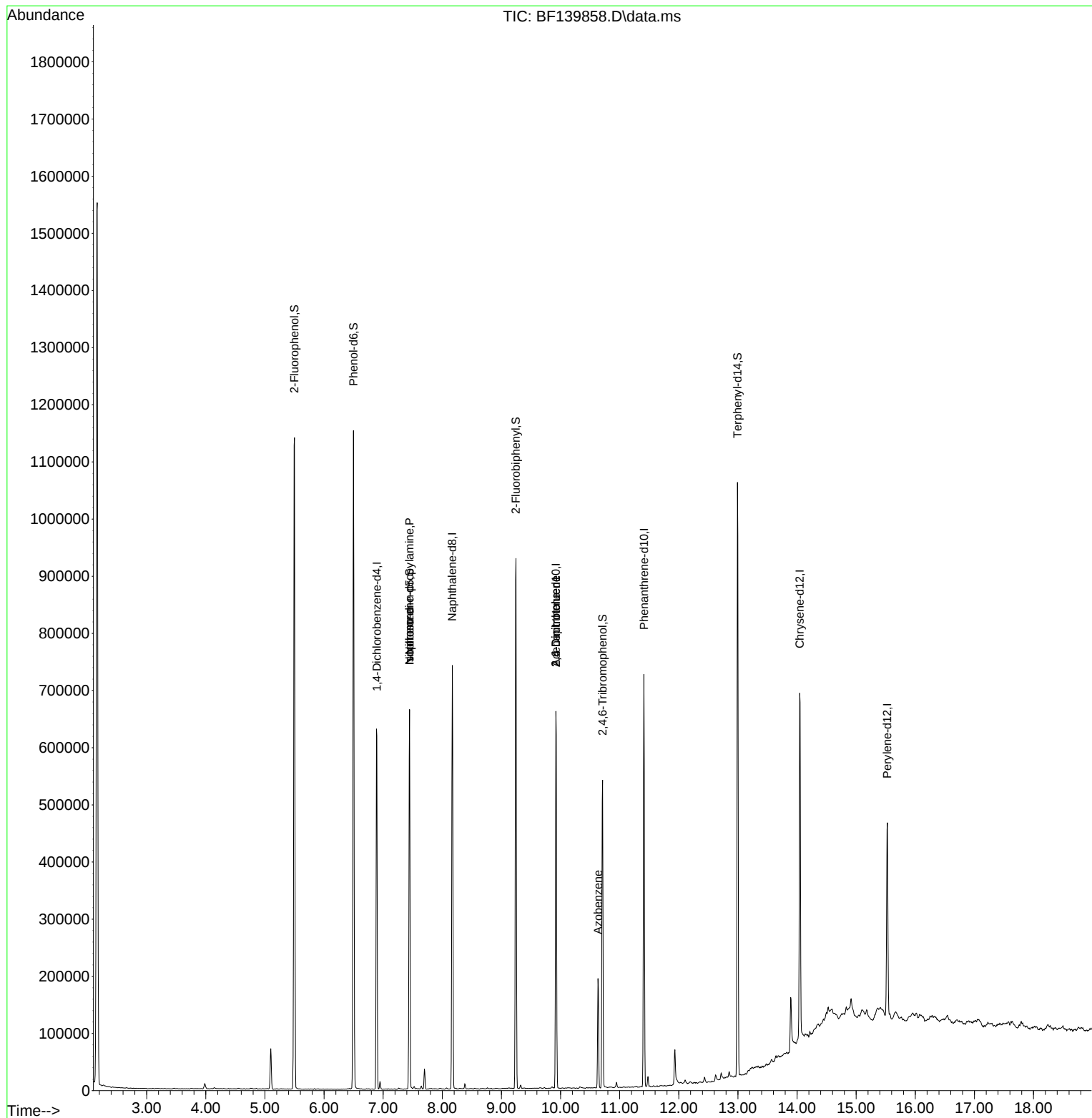
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	129709	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	424274	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	192178	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	361850	20.000	ng	0.00
76) Chrysene-d12	14.045	240	285915	20.000	ng	0.00
86) Perylene-d12	15.527	264	199270	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	408890	49.350	ng	0.00
7) Phenol-d6	6.498	99	486106	45.299	ng	-0.01
23) Nitrobenzene-d5	7.445	82	261911	34.214	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	83283	46.331	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	399949	34.395	ng	0.00
79) Terphenyl-d14	12.992	244	497992	28.381	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	35098	5.393	ng	# 80
25) Isophorone	7.445	82	261852	18.022	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	25064	9.670	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	25064	7.864	ng	# 21
63) Azobenzene	10.633	77	48251	3.872	ng	# 1

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

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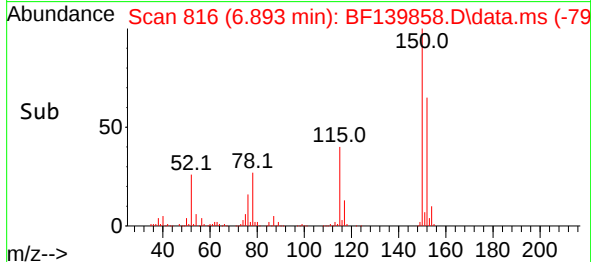
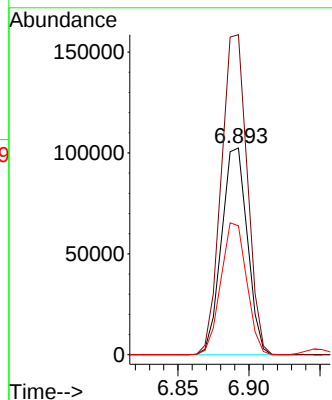
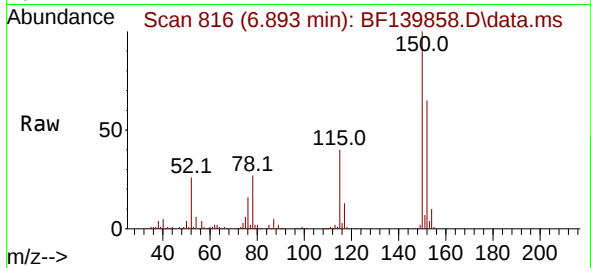




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139858.D
Acq: 18 Oct 2024 17:15

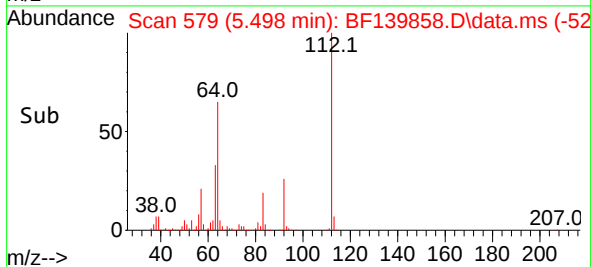
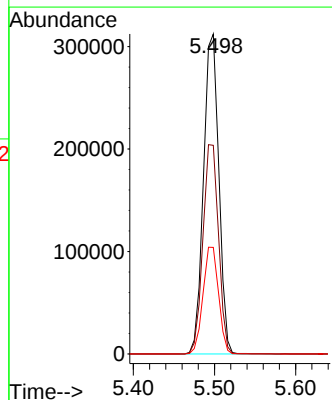
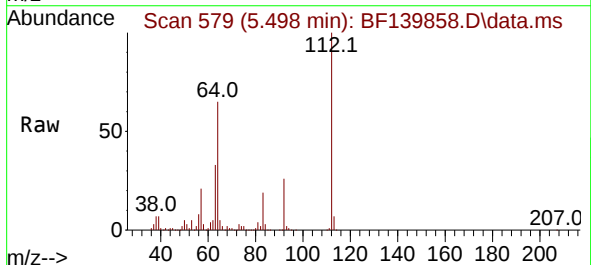
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 129709
Ion Ratio Lower Upper
152 100
150 154.8 130.2 195.2
115 62.4 51.4 77.2



#5
2-Fluorophenol
Concen: 49.350 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139858.D
Acq: 18 Oct 2024 17:15

Tgt Ion:112 Resp: 408890
Ion Ratio Lower Upper
112 100
64 65.2 53.0 79.6
63 33.3 27.0 40.4

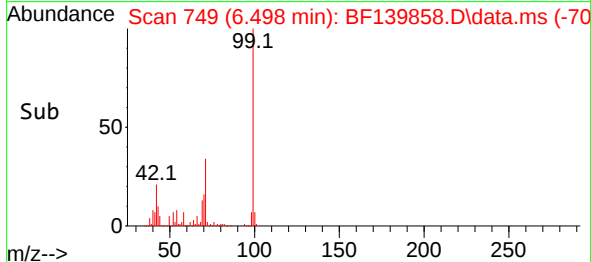
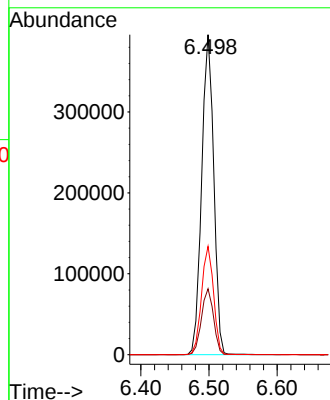
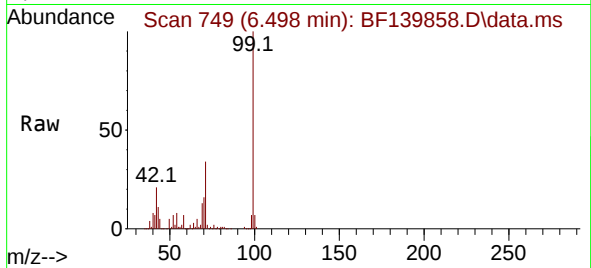




#7
Phenol-d6
Concen: 45.299 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF139858.D
Acq: 18 Oct 2024 17:15

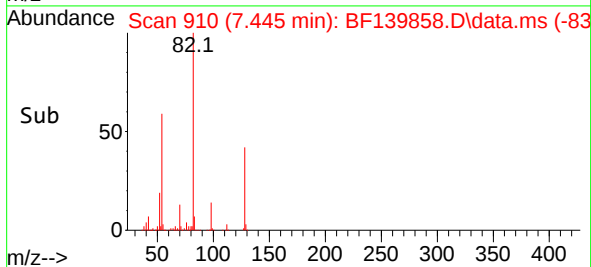
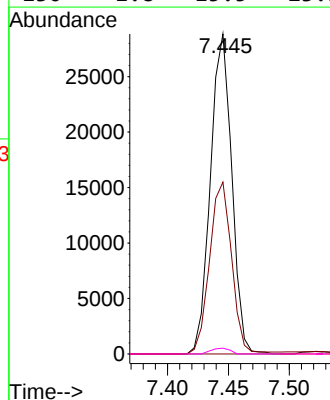
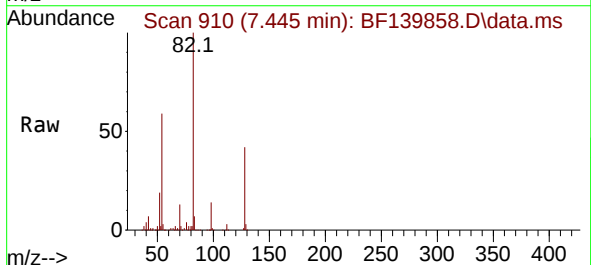
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 486106
Ion Ratio Lower Upper
99 100
42 20.6 16.7 25.1
71 33.8 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 5.393 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139858.D
Acq: 18 Oct 2024 17:15

Tgt Ion: 70 Resp: 35098
Ion Ratio Lower Upper
70 100
42 53.7 51.5 77.3
101 0.0 7.5 11.3#
130 1.8 15.5 23.3#



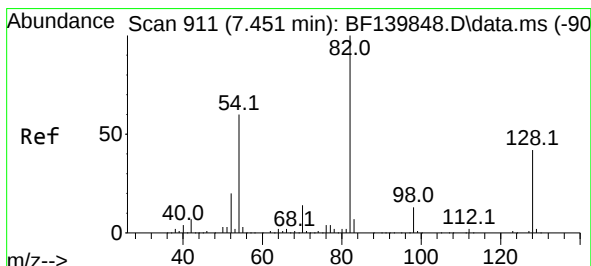
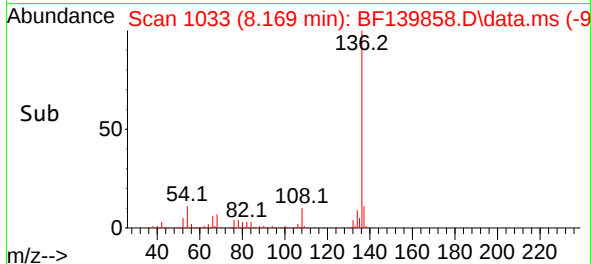
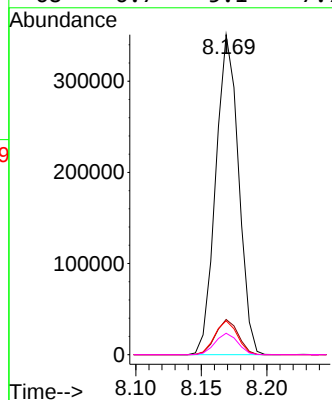
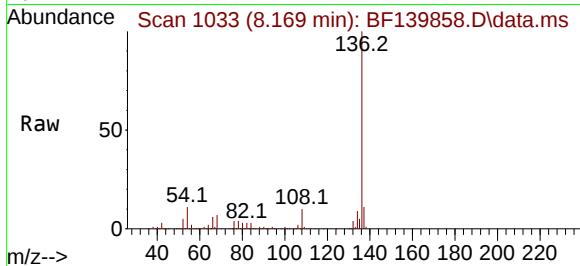


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139858.D
Acq: 18 Oct 2024 17:15

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:136 Resp: 424274

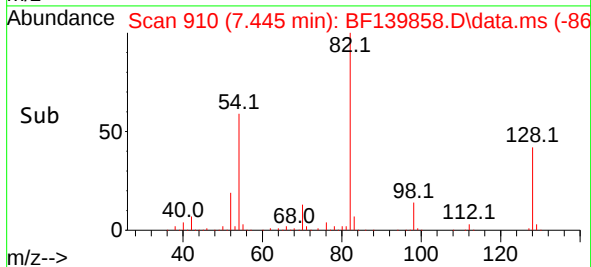
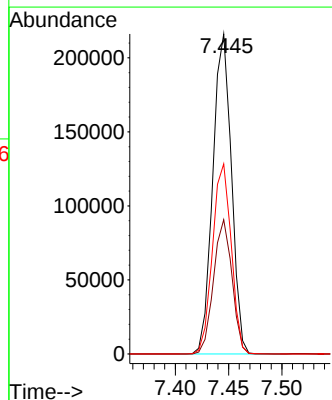
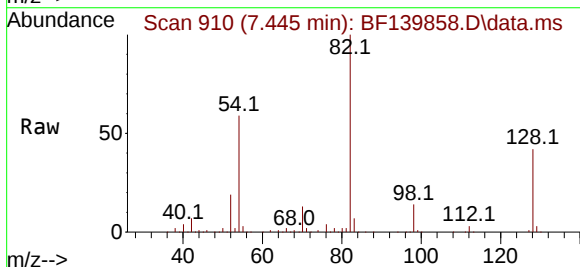
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	10.6	8.4	12.6
68	6.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 34.214 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139858.D
Acq: 18 Oct 2024 17:15

Tgt Ion: 82 Resp: 261911

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.4	50.0
54	59.4	47.8	71.8

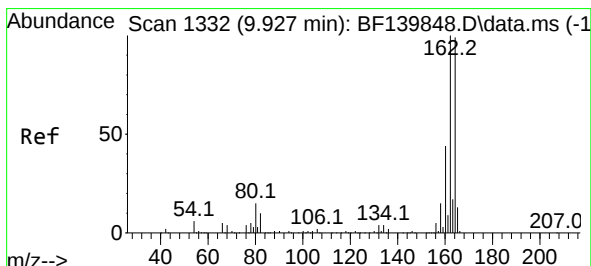
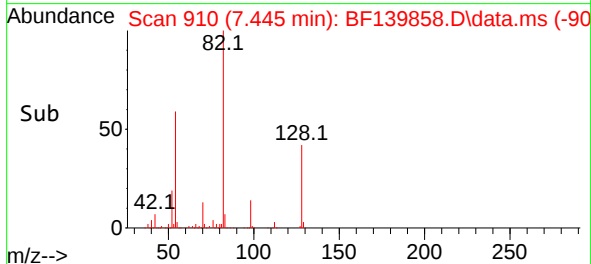
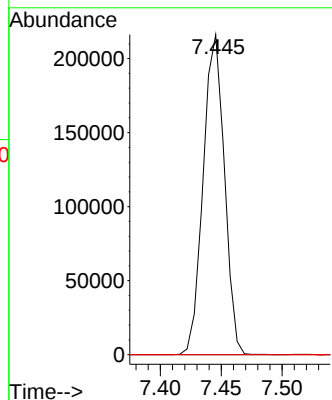
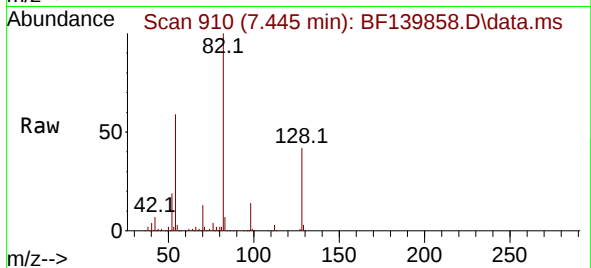




#25
Isophorone
Concen: 18.022 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139858.D
Acq: 18 Oct 2024 17:15

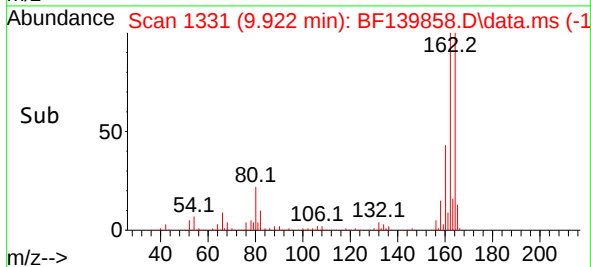
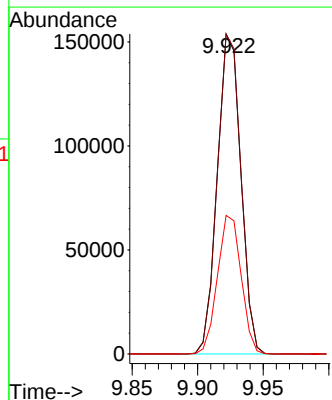
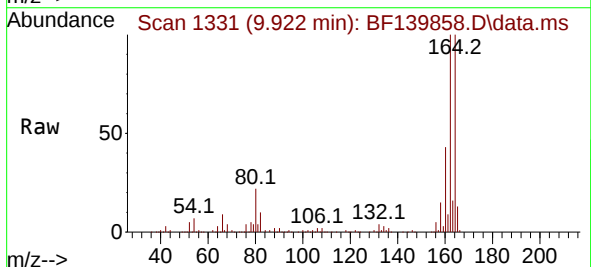
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 82 Resp: 261852
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: BF139858.D
Acq: 18 Oct 2024 17:15

Tgt Ion: 164 Resp: 192178
Ion Ratio Lower Upper
164 100
162 100.0 81.0 121.4
160 43.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 46.331 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139858.D

Acq: 18 Oct 2024 17:15

Instrument :

BNA_F

ClientSampleId :

TP-1

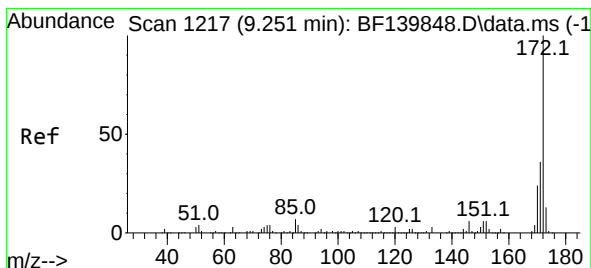
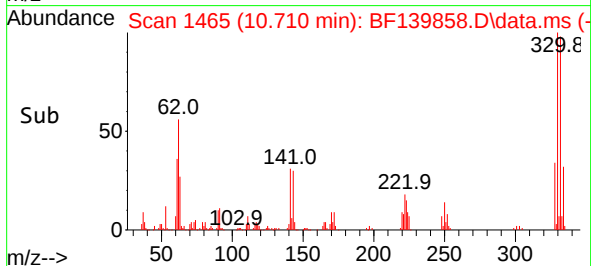
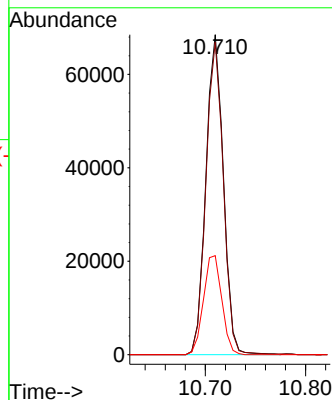
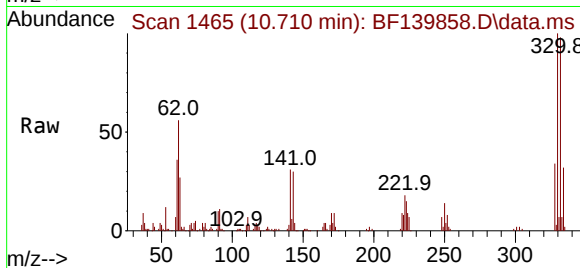
Tgt Ion:330 Resp: 83283

Ion Ratio Lower Upper

330 100

332 97.1 78.1 117.1

141 32.5 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 34.395 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139858.D

Acq: 18 Oct 2024 17:15

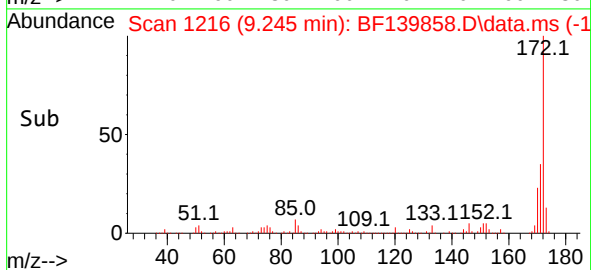
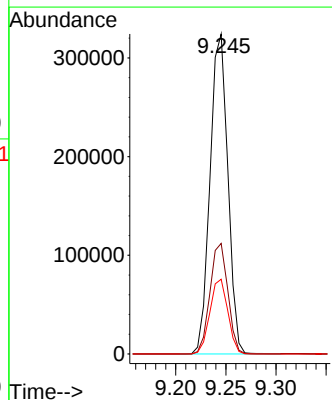
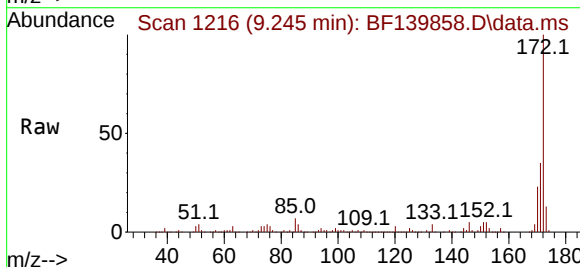
Tgt Ion:172 Resp: 399949

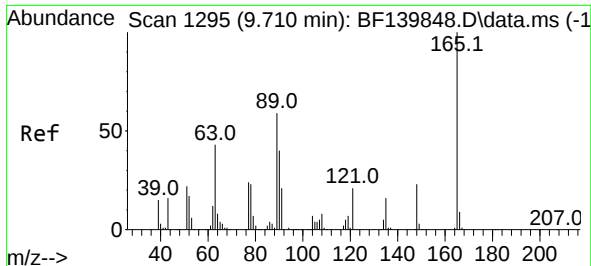
Ion Ratio Lower Upper

172 100

171 34.6 28.6 43.0

170 23.3 19.1 28.7

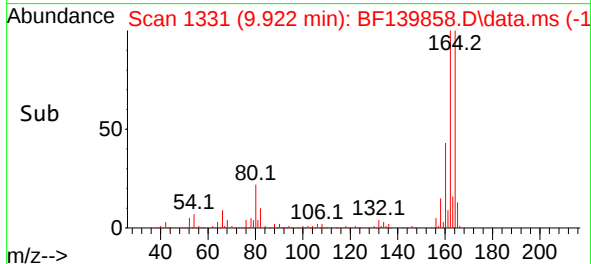
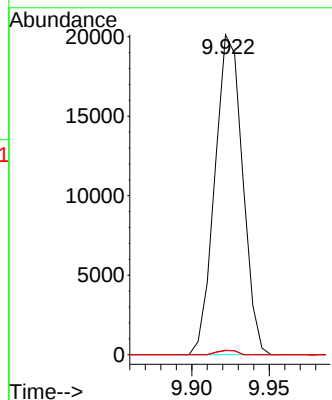
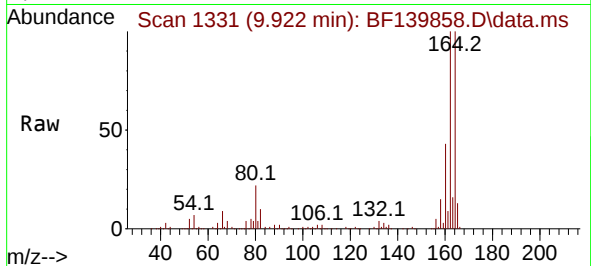




#51
2,6-Dinitrotoluene
Concen: 9.670 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139858.D
Acq: 18 Oct 2024 17:15

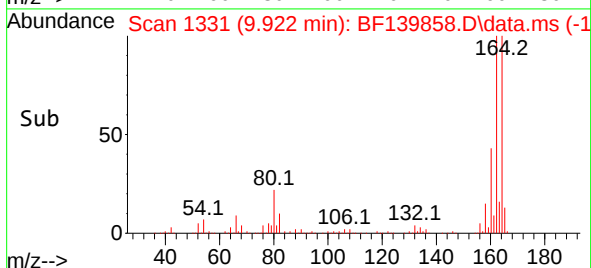
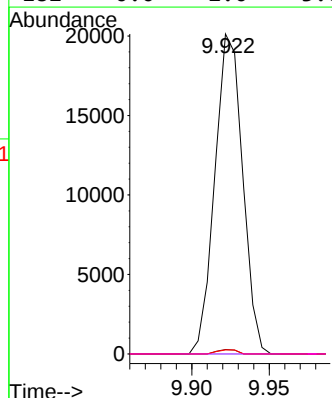
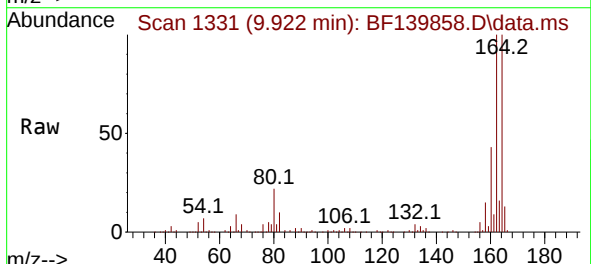
Instrument :
BNA_F
ClientSampleId :
TP-1

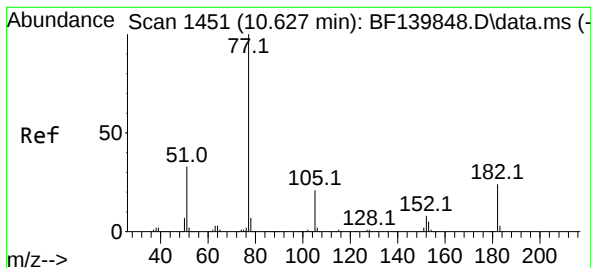
Tgt Ion:165 Resp: 25064
Ion Ratio Lower Upper
165 100
63 1.4 50.6 75.8#
89 1.3 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.864 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139858.D
Acq: 18 Oct 2024 17:15

Tgt Ion:165 Resp: 25064
Ion Ratio Lower Upper
165 100
63 1.4 40.1 60.1#
89 1.3 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 3.872 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF139858.D

Acq: 18 Oct 2024 17:15

Instrument :

BNA_F

ClientSampleId :

TP-1

Tgt Ion: 77 Resp: 48251

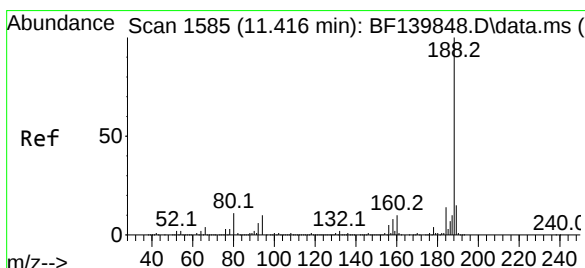
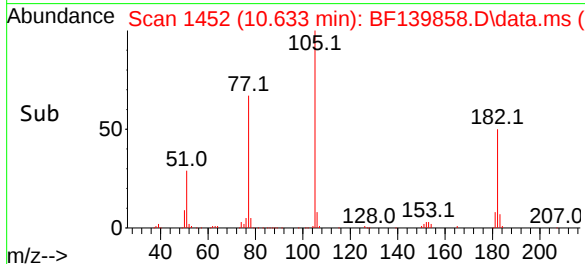
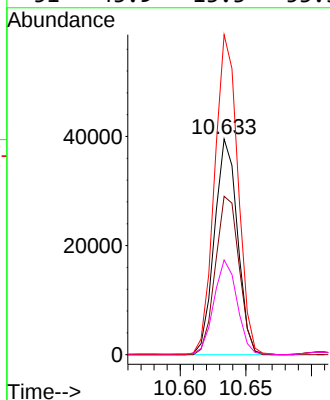
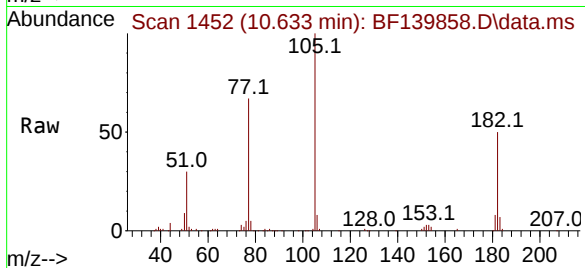
Ion Ratio Lower Upper

77 100

182 73.4 3.3 43.3#

105 148.3 1.2 41.2#

51 43.9 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: BF139858.D

Acq: 18 Oct 2024 17:15

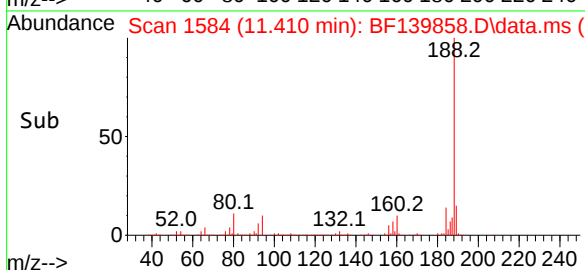
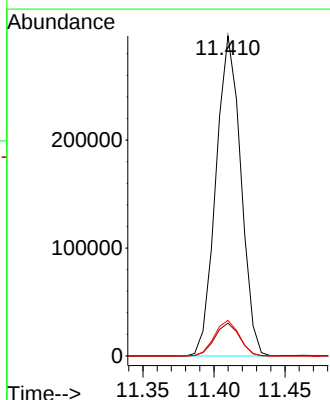
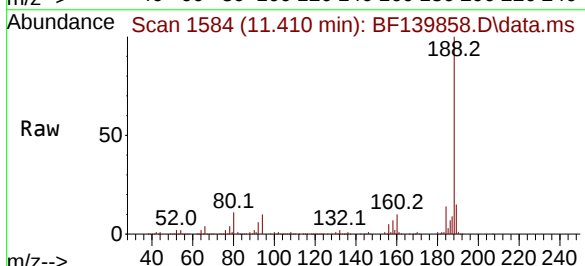
Tgt Ion:188 Resp: 361850

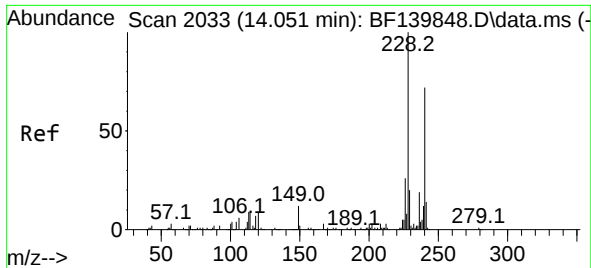
Ion Ratio Lower Upper

188 100

94 10.3 7.9 11.9

80 11.1 9.0 13.4

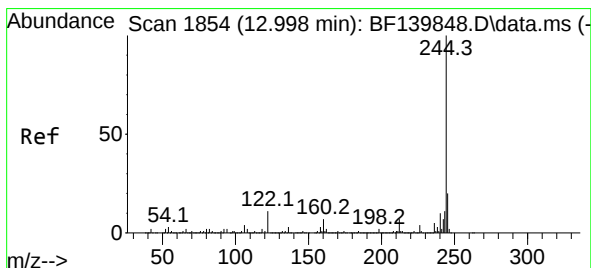
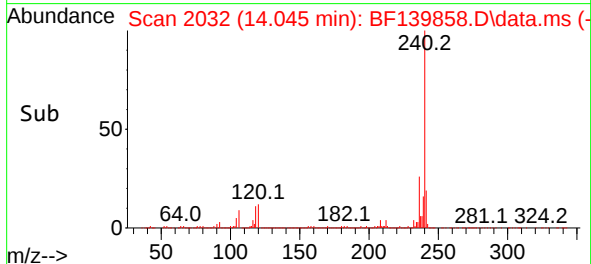
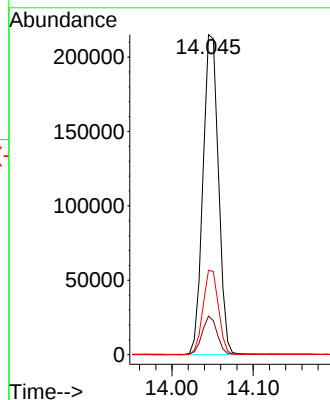
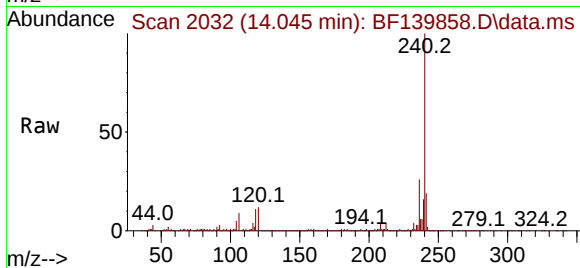




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139858.D
Acq: 18 Oct 2024 17:15

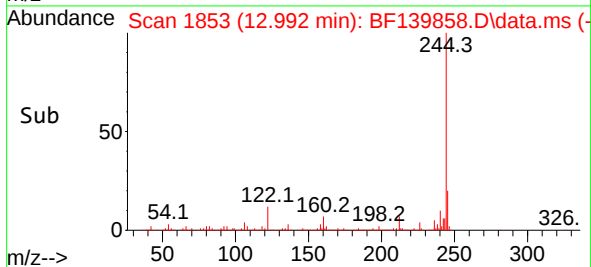
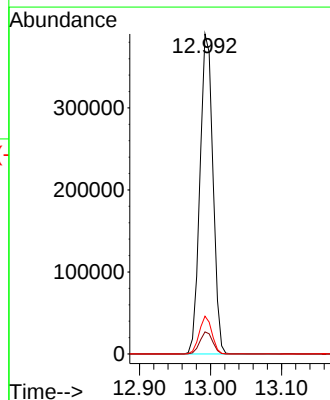
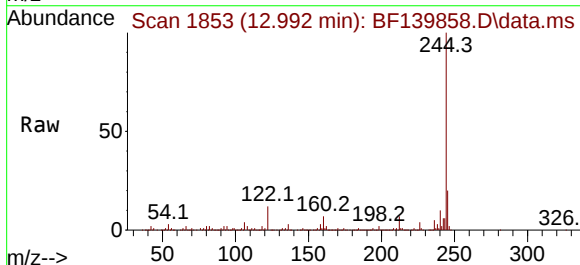
Instrument :
BNA_F
ClientSampleId :
TP-1

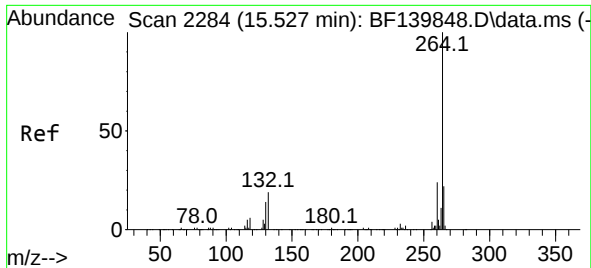
Tgt Ion:240 Resp: 285915
Ion Ratio Lower Upper
240 100
120 12.0 9.4 14.2
236 26.4 20.9 31.3



#79
Terphenyl-d14
Concen: 28.381 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF139858.D
Acq: 18 Oct 2024 17:15

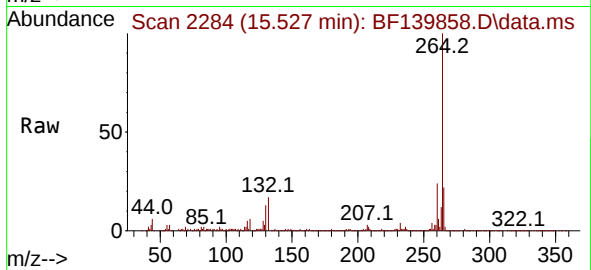
Tgt Ion:244 Resp: 497992
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 11.8 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139858.D
Acq: 18 Oct 2024 17:15

Instrument :
BNA_F
ClientSampleId :
TP-1



Tgt Ion:264 Resp: 199270

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.1	17.4	26.0

