

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
 Data File : BF139889.D
 Acq On : 19 Oct 2024 23:28
 Operator : RC/JU
 Sample : P4426-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-1

Quant Time: Oct 21 01:45:45 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)

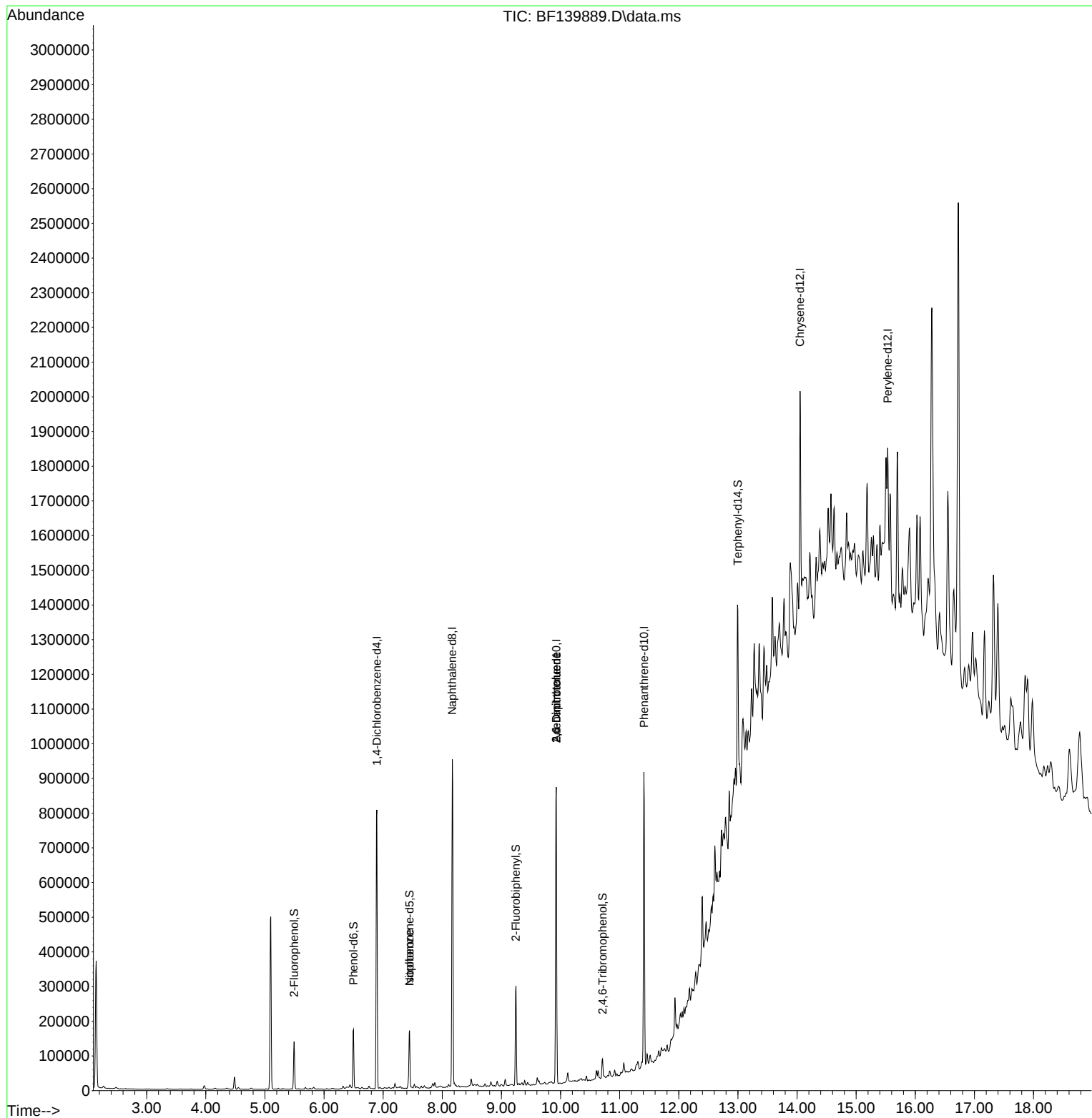
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	166324	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	554266	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	249336	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	436102	20.000	ng	0.00
76) Chrysene-d12	14.051	240	274554	20.000	ng	0.00
86) Perylene-d12	15.533	264	211115	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	43392	4.084	ng	0.00
7) Phenol-d6	6.498	99	75368	5.477	ng	-0.01
23) Nitrobenzene-d5	7.445	82	66623	6.662	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	8780	3.765	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	125051	8.289	ng	0.00
79) Terphenyl-d14	12.998	244	132364	7.856	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.445	82	66557	3.507	ng	# 67
51) 2,6-Dinitrotoluene	9.928	165	31566	9.387	ng	# 22
57) 2,4-Dinitrotoluene	9.928	165	31566	7.633	ng	# 21

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
Data File : BF139889.D
Acq On : 19 Oct 2024 23:28
Operator : RC/JU
Sample : P4426-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAD-1

Quant Time: Oct 21 01:45:45 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

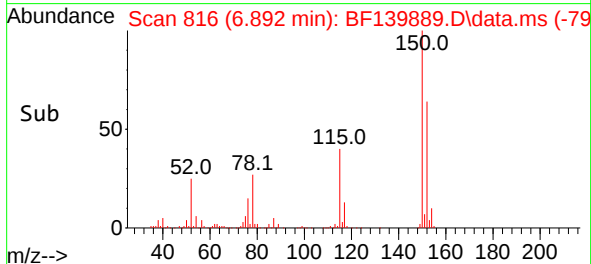
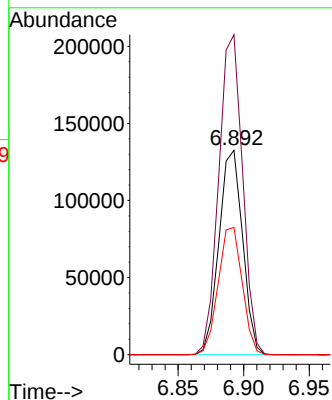
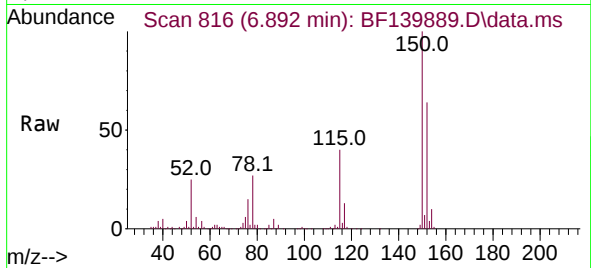




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139889.D
Acq: 19 Oct 2024 23:28

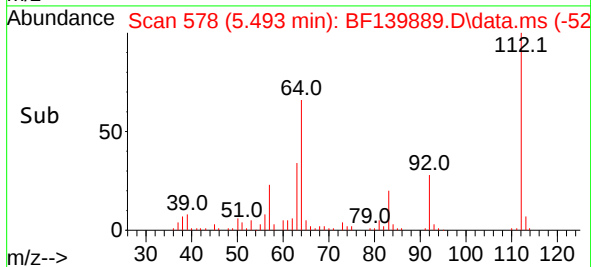
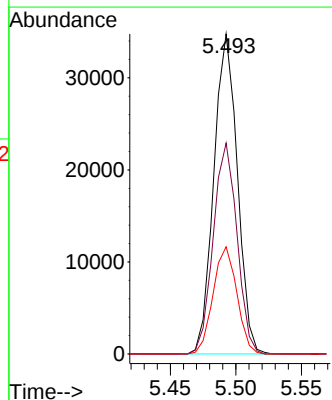
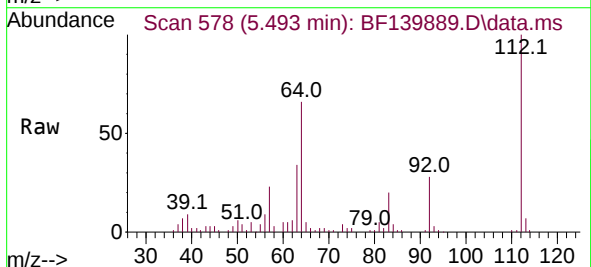
Instrument :
BNA_F
ClientSampleId :
PAD-1

Tgt Ion:152 Resp: 166324
Ion Ratio Lower Upper
152 100
150 156.5 130.2 195.2
115 62.2 51.4 77.2



#5
2-Fluorophenol
Concen: 4.084 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF139889.D
Acq: 19 Oct 2024 23:28

Tgt Ion:112 Resp: 43392
Ion Ratio Lower Upper
112 100
64 65.9 53.0 79.6
63 33.5 27.0 40.4

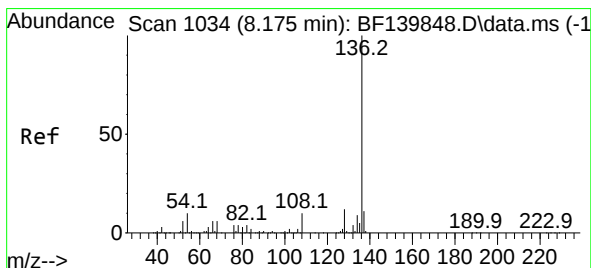
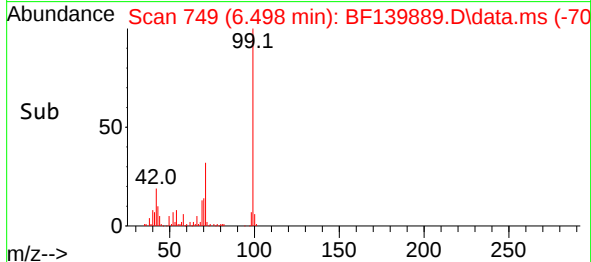
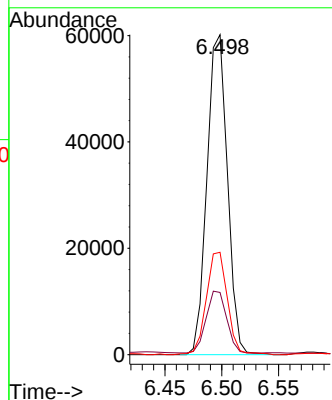
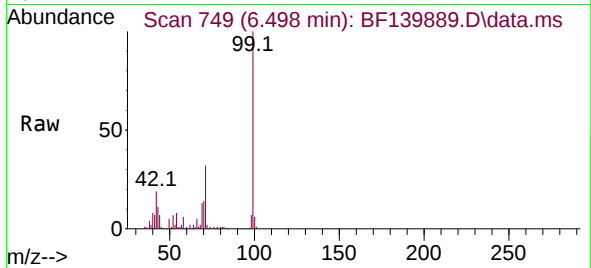




#7
Phenol-d6
Concen: 5.477 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139889.D
Acq: 19 Oct 2024 23:28

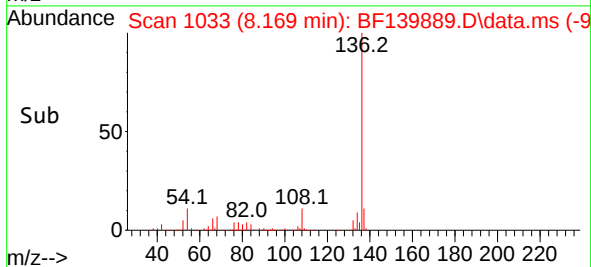
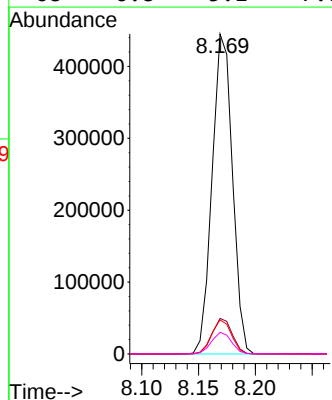
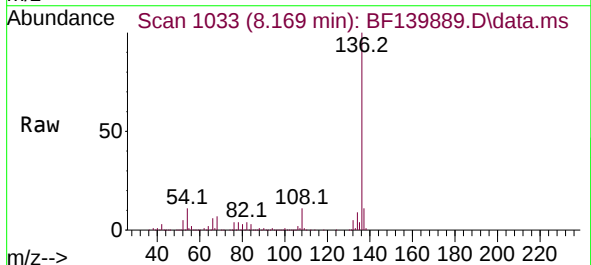
Instrument :
BNA_F
ClientSampleId :
PAD-1

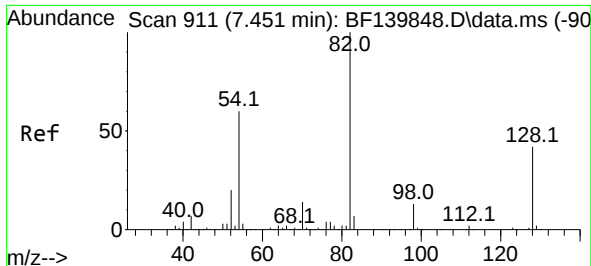
Tgt Ion: 99 Resp: 75368
Ion Ratio Lower Upper
99 100
42 19.5 16.7 25.1
71 32.0 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139889.D
Acq: 19 Oct 2024 23:28

Tgt Ion: 136 Resp: 554266
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 10.7 8.4 12.6
68 6.8 5.1 7.7

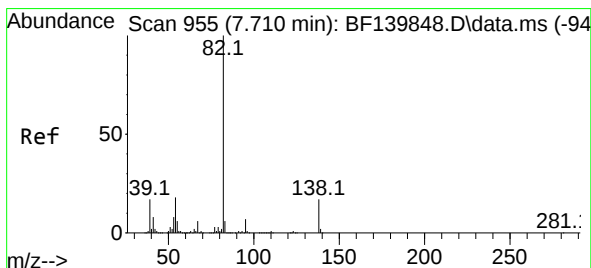
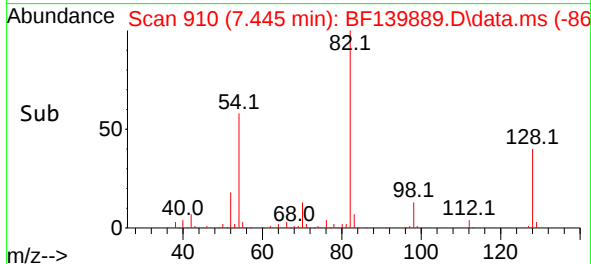
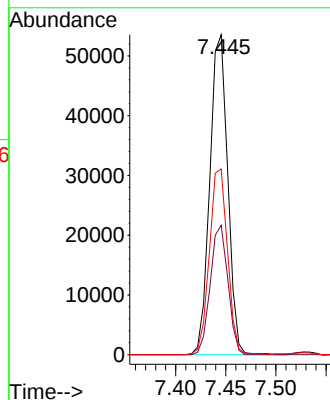
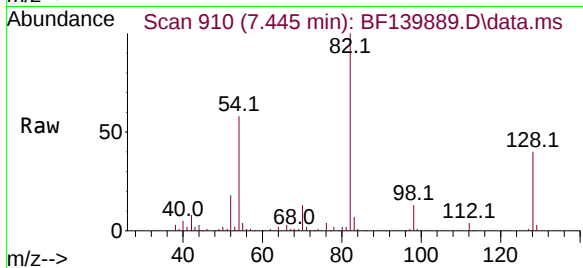




#23
Nitrobenzene-d5
Concen: 6.662 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139889.D
Acq: 19 Oct 2024 23:28

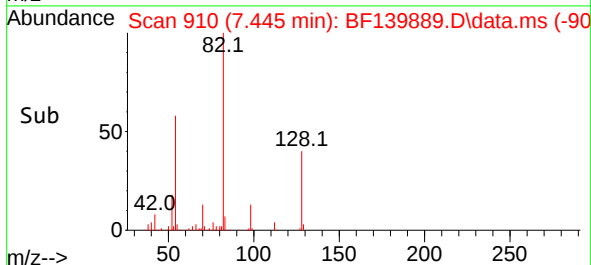
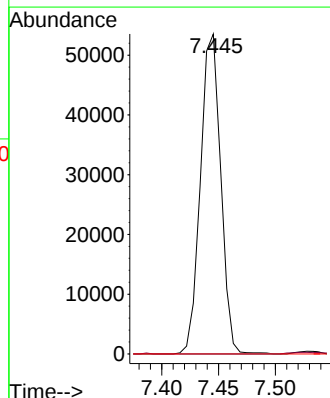
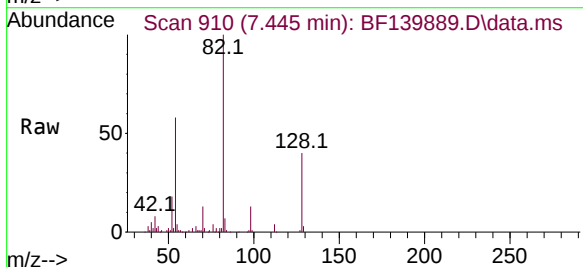
Instrument :
BNA_F
ClientSampleId :
PAD-1

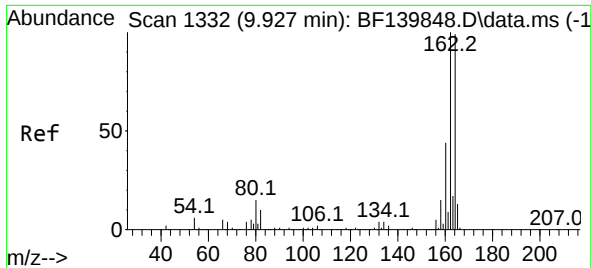
Tgt Ion: 82 Resp: 66623
Ion Ratio Lower Upper
82 100
128 40.4 33.4 50.0
54 58.1 47.8 71.8



#25
Isophorone
Concen: 3.507 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF139889.D
Acq: 19 Oct 2024 23:28

Tgt Ion: 82 Resp: 66557
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#

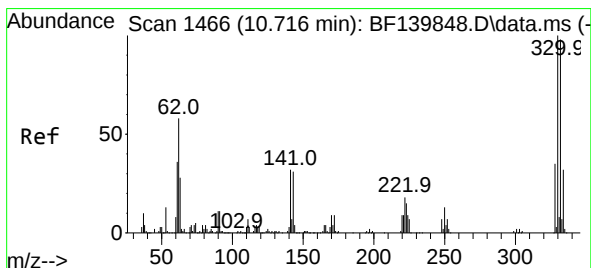
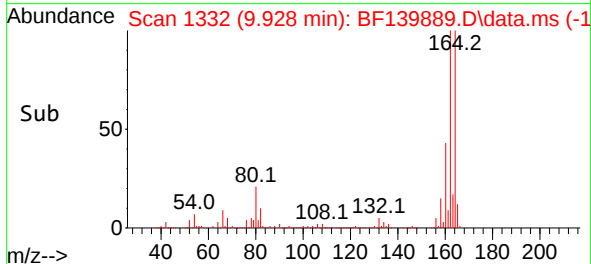
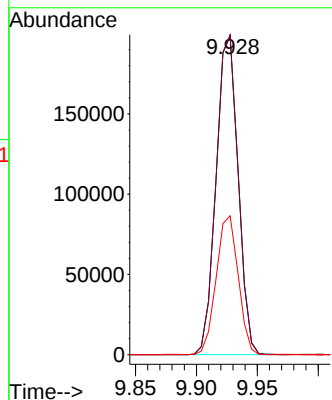
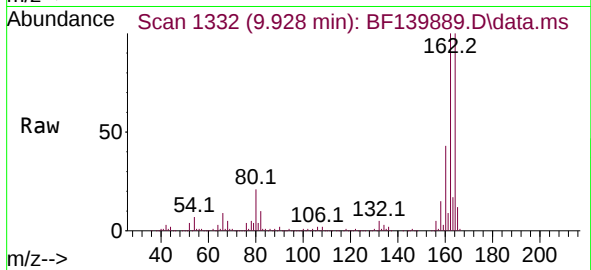




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF139889.D
Acq: 19 Oct 2024 23:28

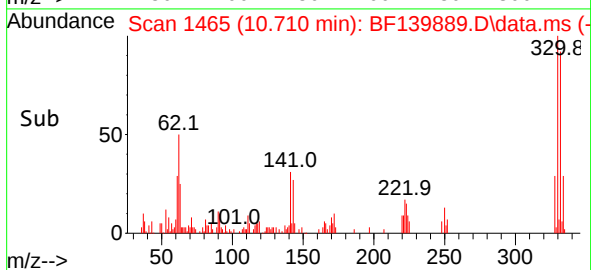
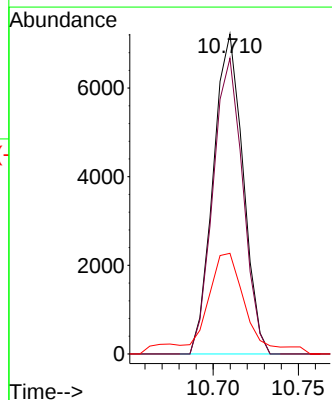
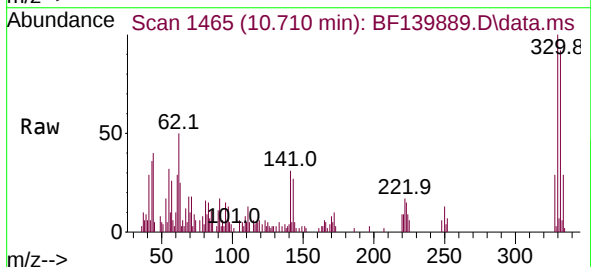
Instrument :
BNA_F
ClientSampleId :
PAD-1

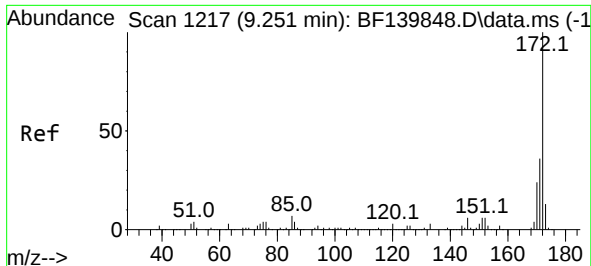
Tgt Ion:164 Resp: 249336
Ion Ratio Lower Upper
164 100
162 100.5 81.0 121.4
160 43.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 3.765 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139889.D
Acq: 19 Oct 2024 23:28

Tgt Ion:330 Resp: 8780
Ion Ratio Lower Upper
330 100
332 92.4 78.1 117.1
141 42.6 26.6 39.8#





#45

2-Fluorobiphenyl

Concen: 8.289 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139889.D

Acq: 19 Oct 2024 23:28

Instrument :

BNA_F

ClientSampleId :

PAD-1

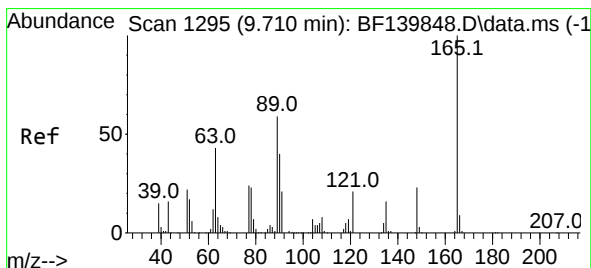
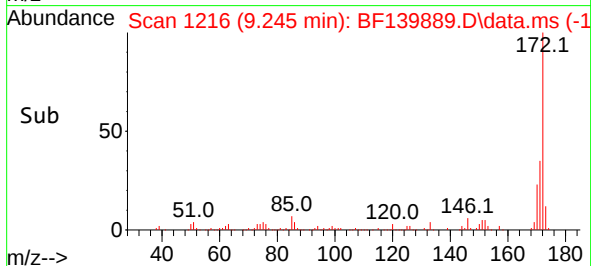
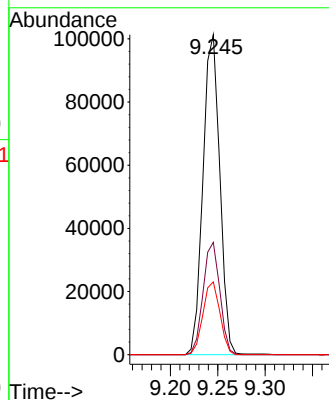
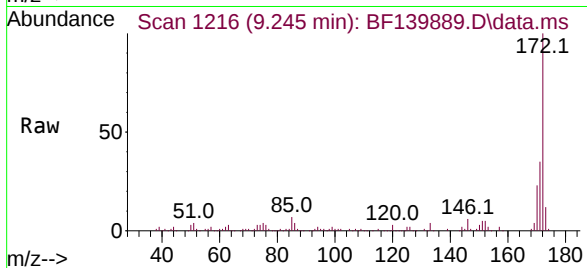
Tgt Ion:172 Resp: 125051

Ion Ratio Lower Upper

172 100

171 35.1 28.6 43.0

170 22.7 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.387 ng

RT: 9.928 min Scan# 1332

Delta R.T. 0.218 min

Lab File: BF139889.D

Acq: 19 Oct 2024 23:28

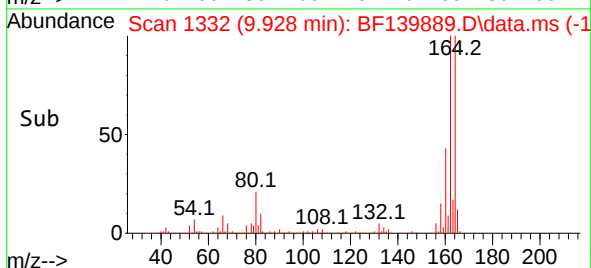
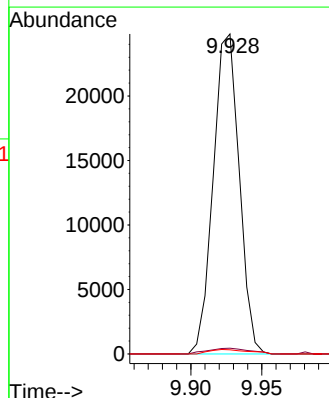
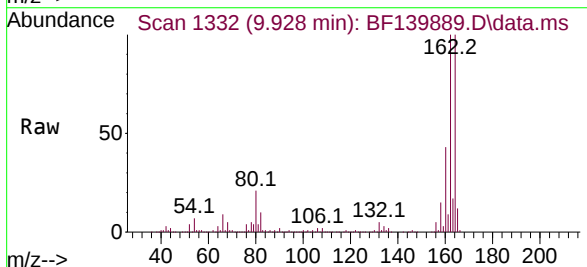
Tgt Ion:165 Resp: 31566

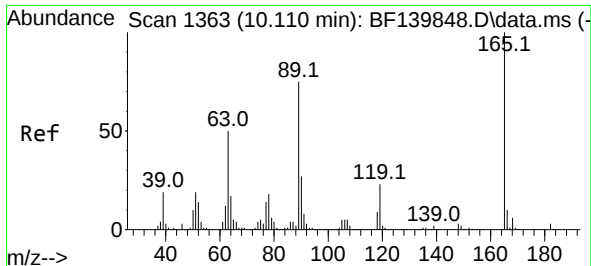
Ion Ratio Lower Upper

165 100

63 1.8 50.6 75.8#

89 1.3 47.5 71.3#

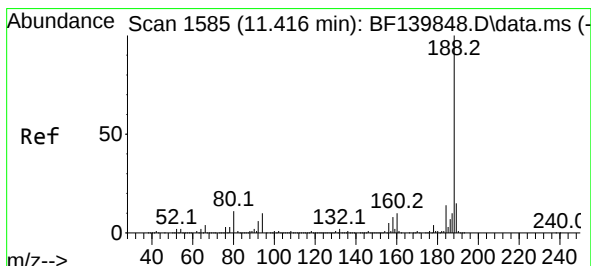
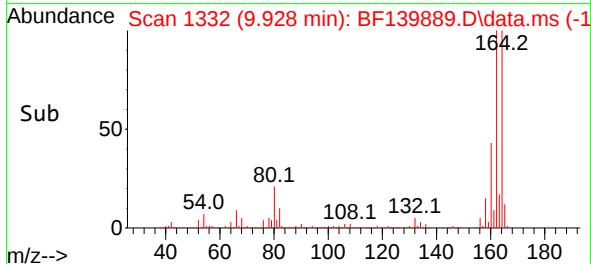
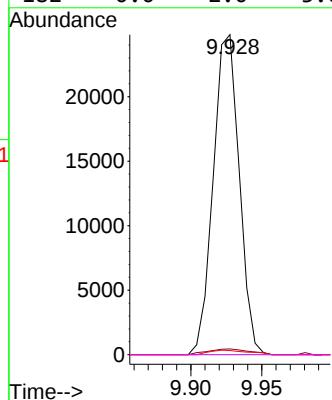
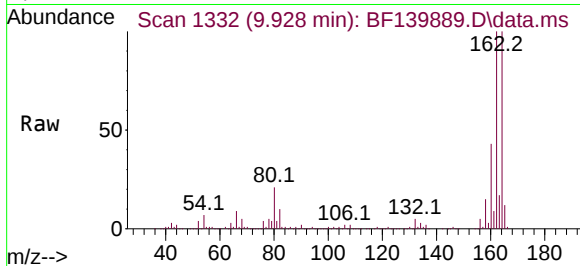




#57
2,4-Dinitrotoluene
Concen: 7.633 ng
RT: 9.928 min Scan# 11
Delta R.T. -0.182 min
Lab File: BF139889.D
Acq: 19 Oct 2024 23:28

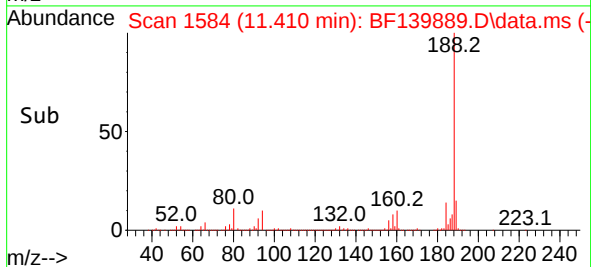
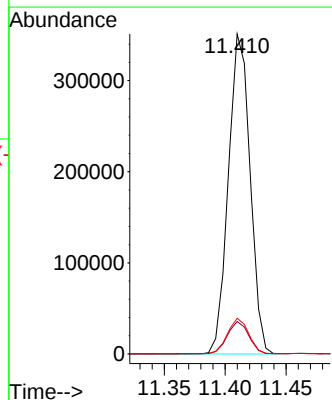
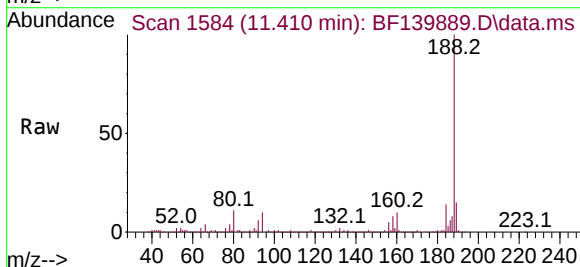
Instrument :
BNA_F
ClientSampleId :
PAD-1

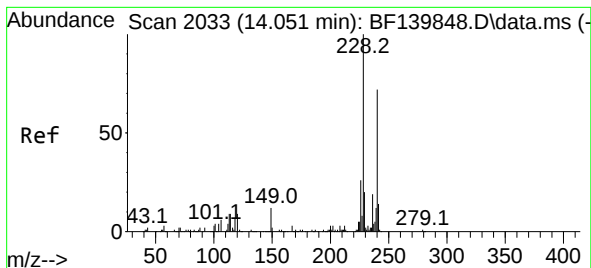
Tgt Ion:165	Resp:	31566
Ion Ratio	Lower	Upper
165	100	
63	1.8	40.1 60.1#
89	1.3	60.4 90.6#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139889.D
Acq: 19 Oct 2024 23:28

Tgt Ion:188	Resp:	436102
Ion Ratio	Lower	Upper
188	100	
94	10.2	7.9 11.9
80	11.1	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: BF139889.D

Acq: 19 Oct 2024 23:28

Instrument :

BNA_F

ClientSampleId :

PAD-1

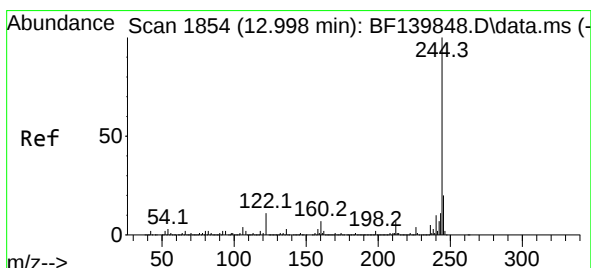
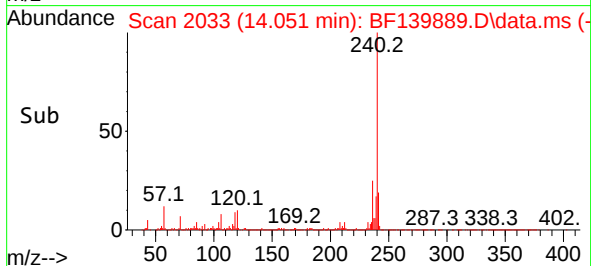
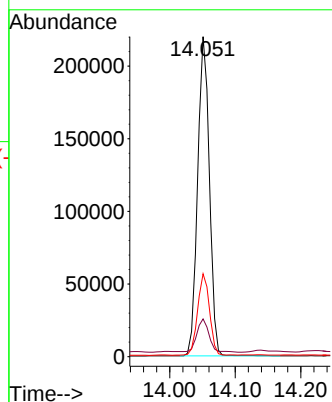
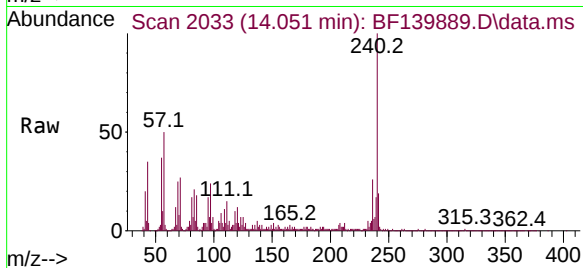
Tgt Ion:240 Resp: 274554

Ion Ratio Lower Upper

240 100

120 11.8 9.4 14.2

236 25.9 20.9 31.3



#79

Terphenyl-d14

Concen: 7.856 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139889.D

Acq: 19 Oct 2024 23:28

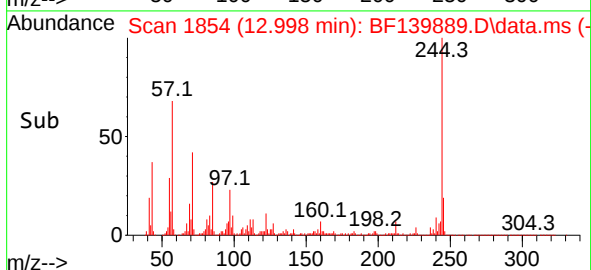
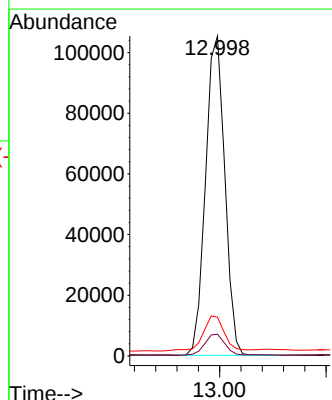
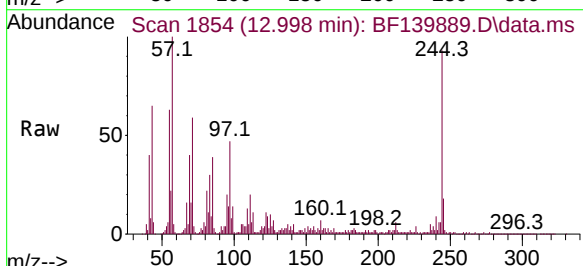
Tgt Ion:244 Resp: 132364

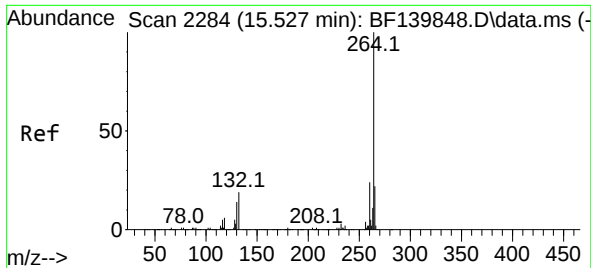
Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 12.1 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139889.D
Acq: 19 Oct 2024 23:28

Instrument :
BNA_F
ClientSampleId :
PAD-1

Tgt Ion:264 Resp: 211115
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 22.8 17.4 26.0

