

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

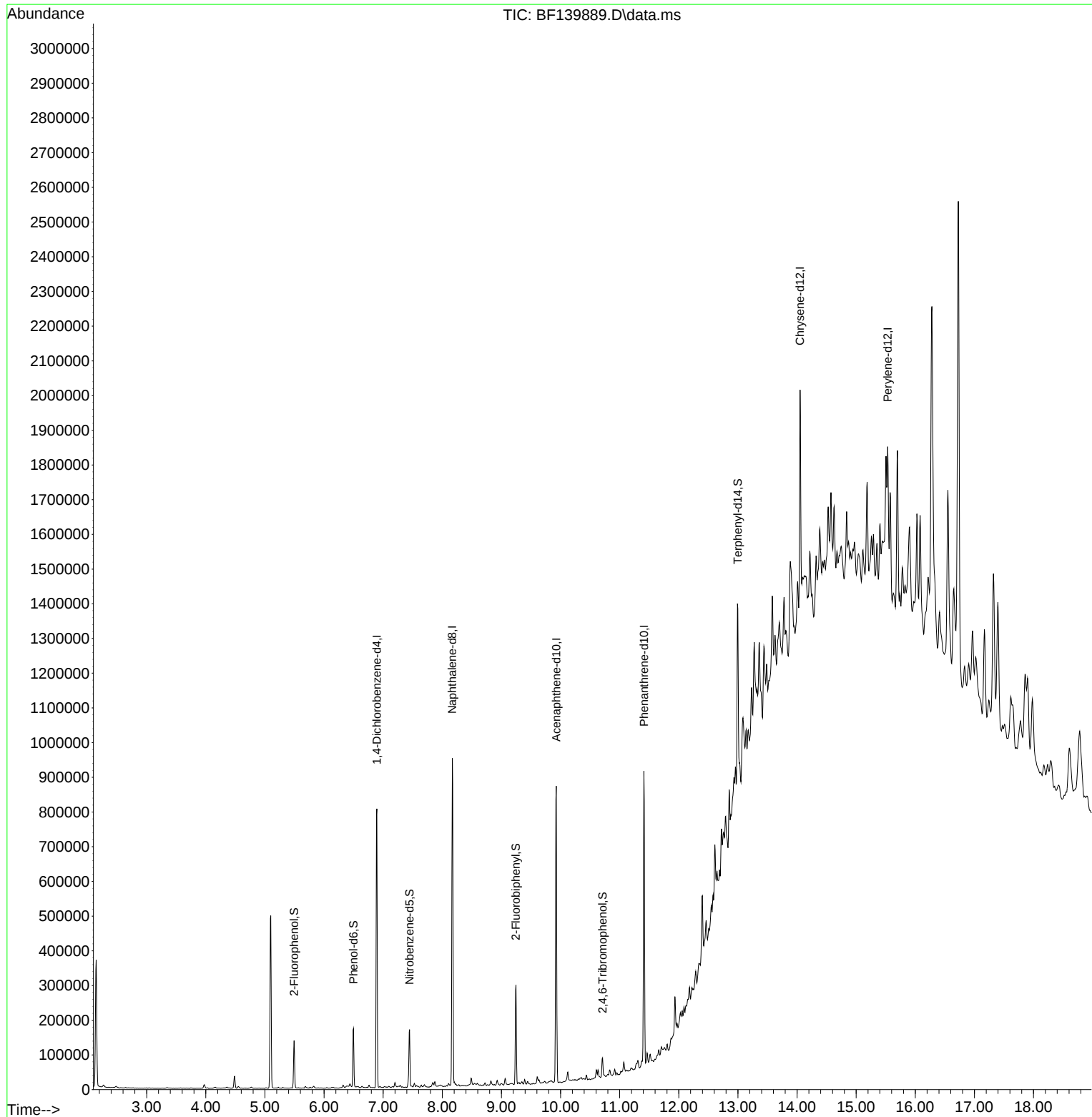
Target Compounds	Qvalue

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

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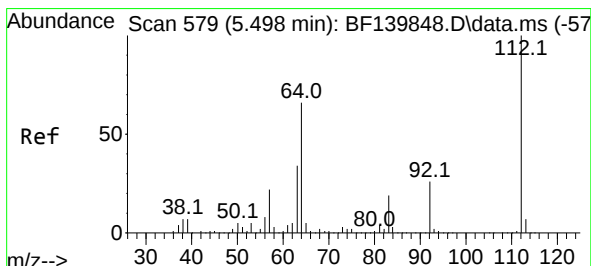
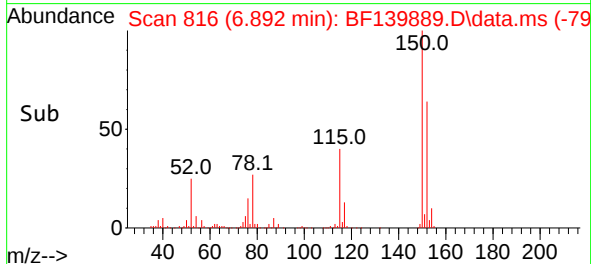
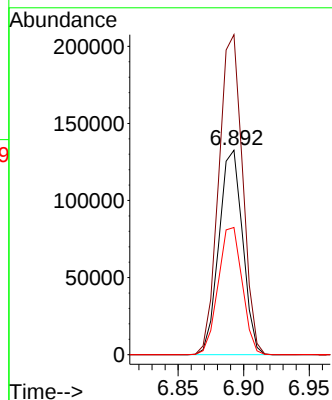
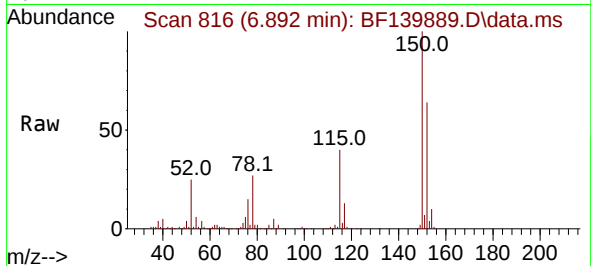




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139889.D
Acq: 19 Oct 2024 23:28

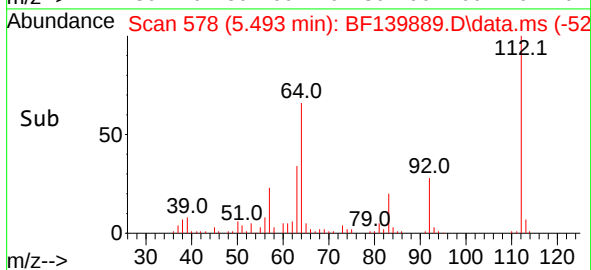
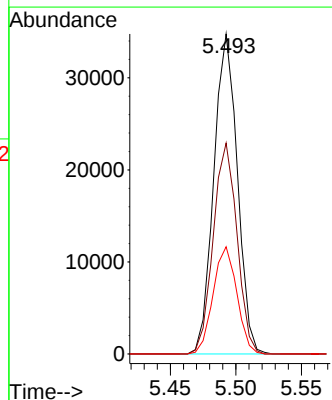
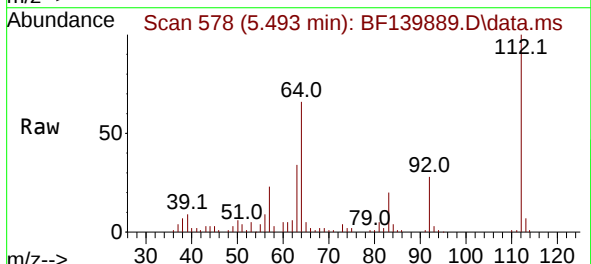
Instrument :
BNA_F
ClientSampleId :
PAD-1

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

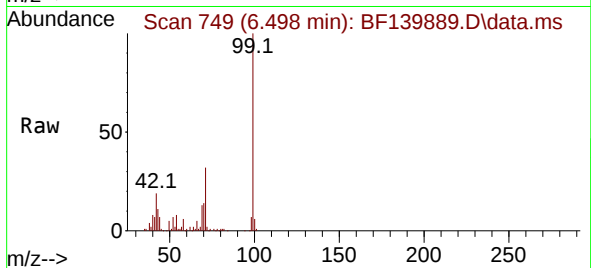
Tgt Ion:112 Resp: 43392
Ion Ratio Lower Upper
112 100
64 65.9 53.0 79.6
63 33.5 27.0 40.4



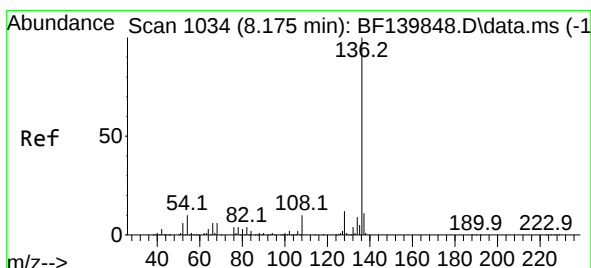
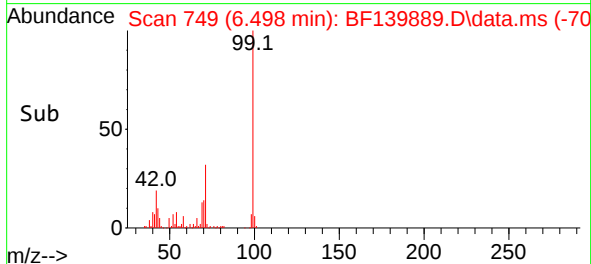
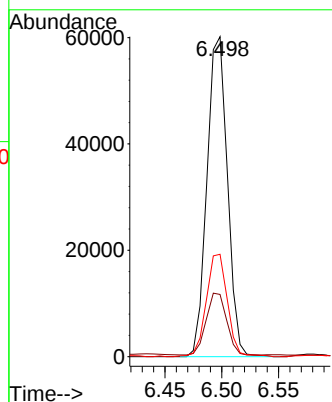


#7
Phenol-d6
Concen: 5.477 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139889.D
Acq: 19 Oct 2024 23:28

Instrument :
BNA_F
ClientSampleId :
PAD-1

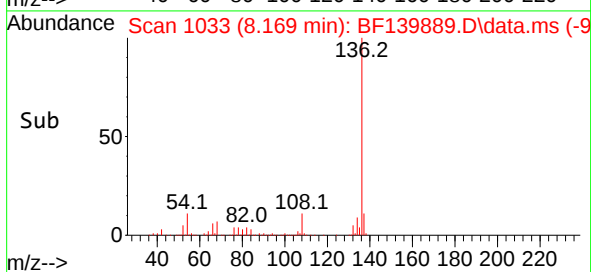
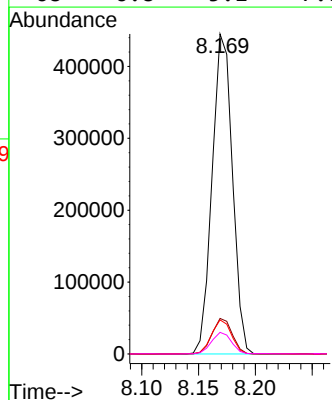
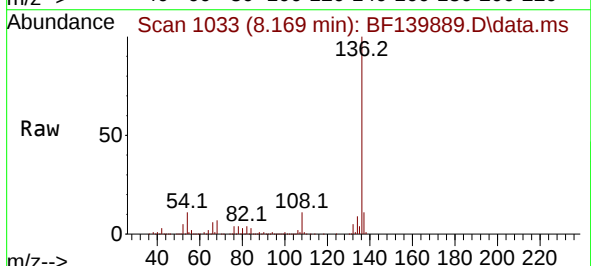


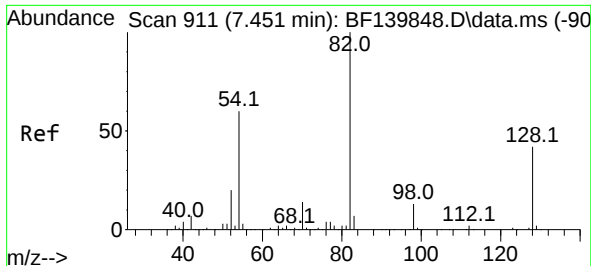
Tgt Ion:	99	Resp:	75368
Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.7	25.1
71	32.0	27.7	41.5



#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# 911

Delta R.T. -0.006 min

Lab File: BF139889.D

Acq: 19 Oct 2024 23:28

Instrument :

BNA_F

ClientSampleId :

PAD-1

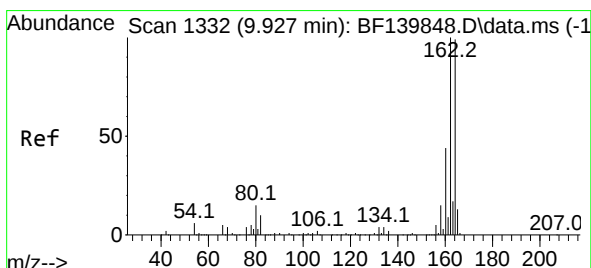
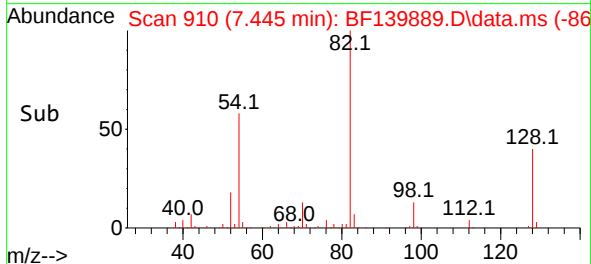
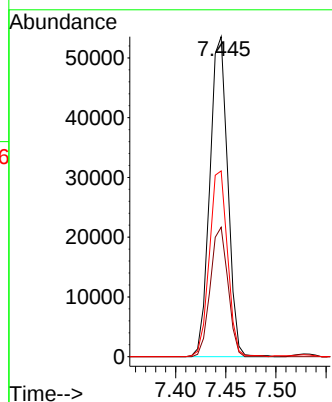
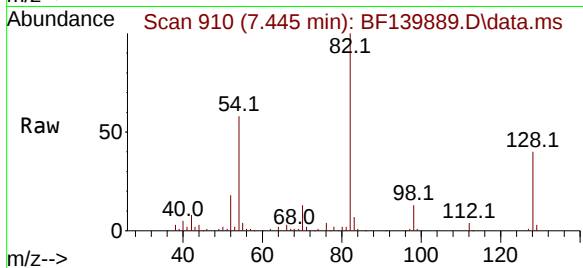
Tgt Ion: 82 Resp: 66623

Ion Ratio Lower Upper

82 100

128 40.4 33.4 50.0

54 58.1 47.8 71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1332

Delta R.T. 0.001 min

Lab File: BF139889.D

Acq: 19 Oct 2024 23:28

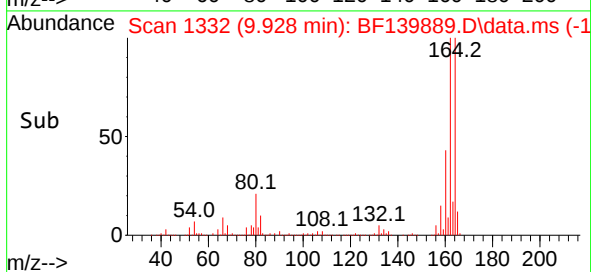
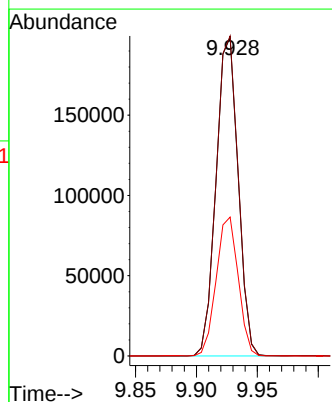
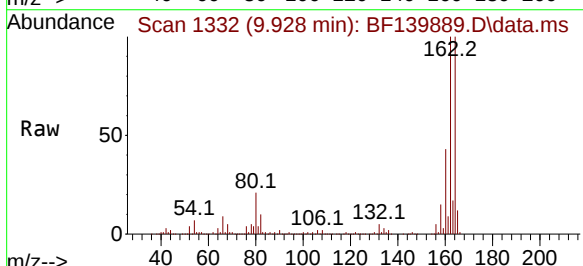
Tgt Ion:164 Resp: 249336

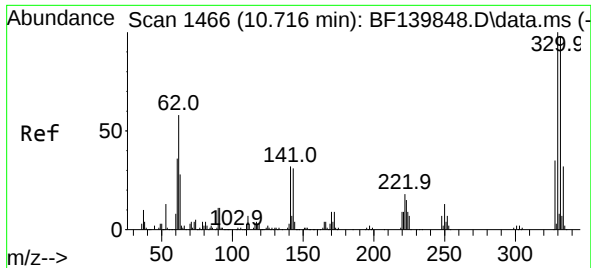
Ion Ratio Lower Upper

164 100

162 100.5 81.0 121.4

160 43.6 35.4 53.0

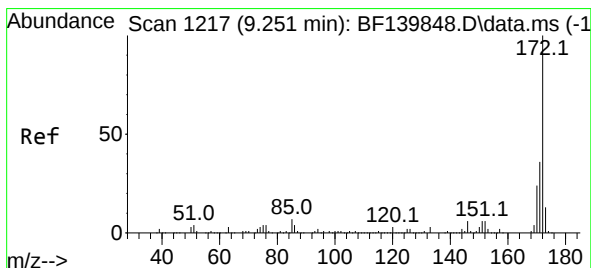
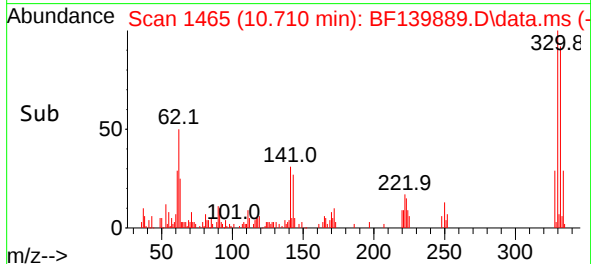
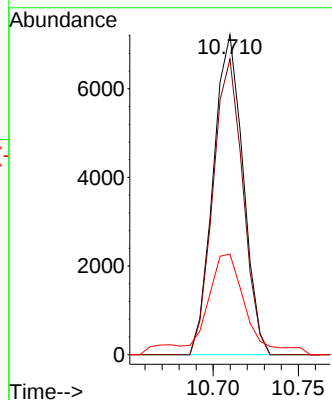
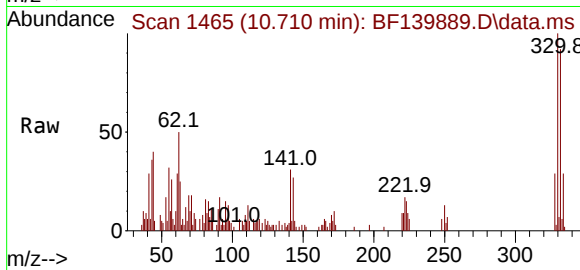




#42
 2,4,6-Tribromophenol
 Concen: 3.765 ng
 RT: 10.710 min Scan# 1465
 Delta R.T. -0.006 min
 Lab File: BF139889.D
 Acq: 19 Oct 2024 23:28

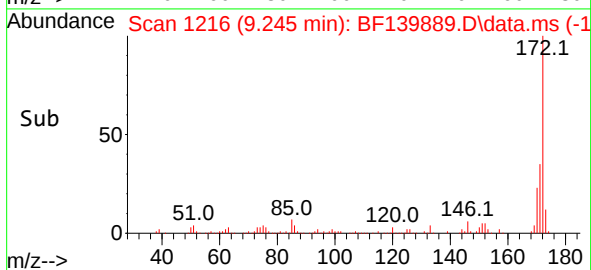
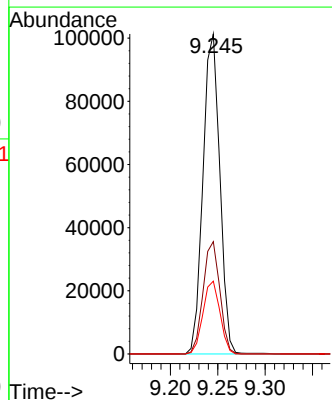
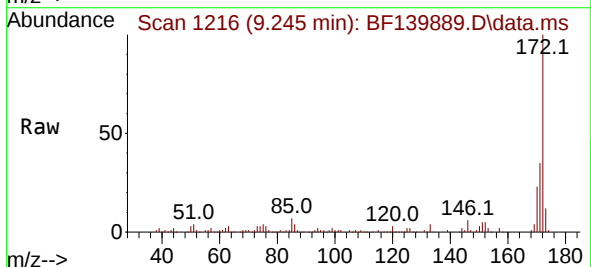
Instrument :
 BNA_F
 ClientSampleId :
 PAD-1

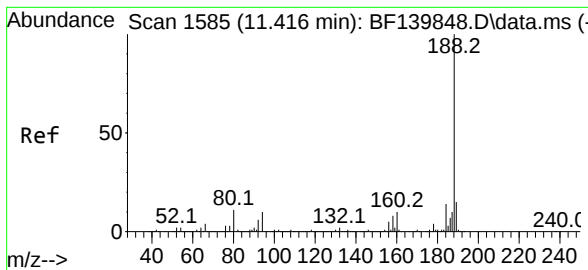
Tgt Ion: 330 Resp: 8780
 Ion Ratio Lower Upper
 330 100
 332 92.4 78.1 117.1
 141 42.6 26.6 39.8#



#45
 2-Fluorobiphenyl
 Concen: 8.289 ng
 RT: 9.245 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: BF139889.D
 Acq: 19 Oct 2024 23:28

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

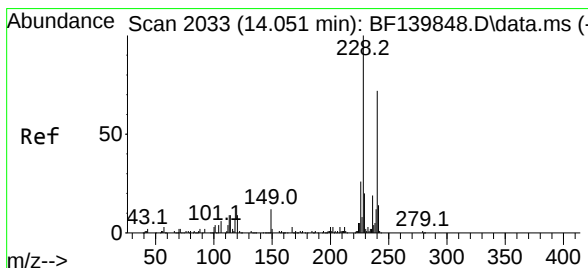
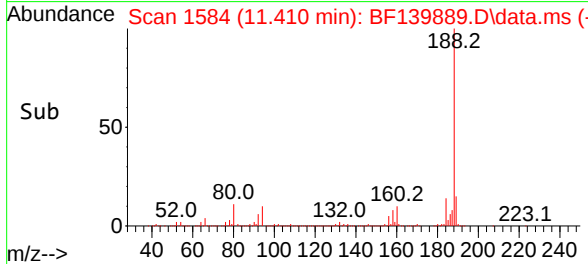
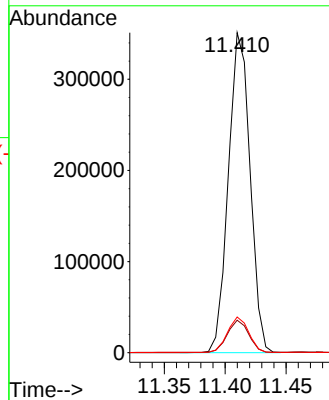
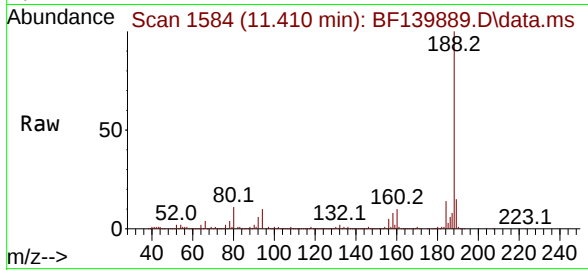




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139889.D
Acq: 19 Oct 2024 23:28

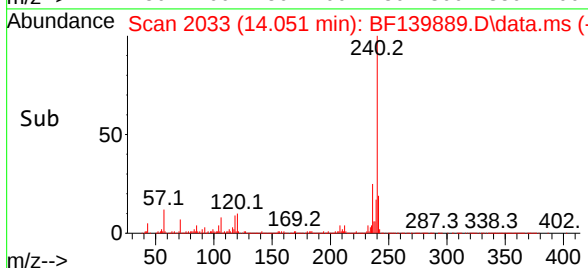
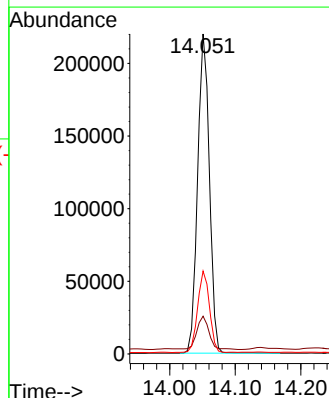
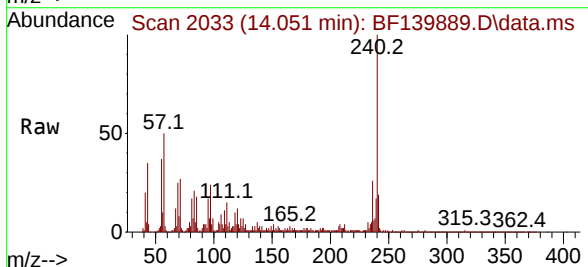
Instrument :
BNA_F
ClientSampleId :
PAD-1

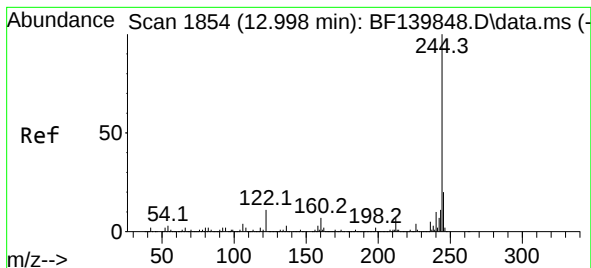
Tgt Ion:188 Resp: 436102
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 11.1 9.0 13.4



#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

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# 11

Delta R.T. 0.000 min

Lab File: BF139889.D

Acq: 19 Oct 2024 23:28

Instrument :

BNA_F

ClientSampleId :

PAD-1

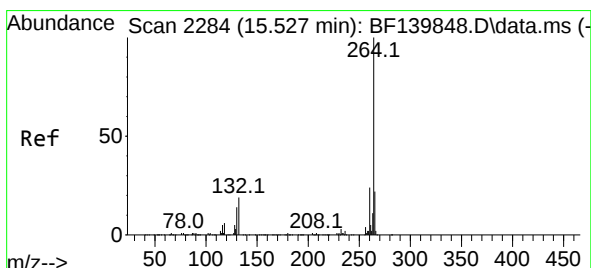
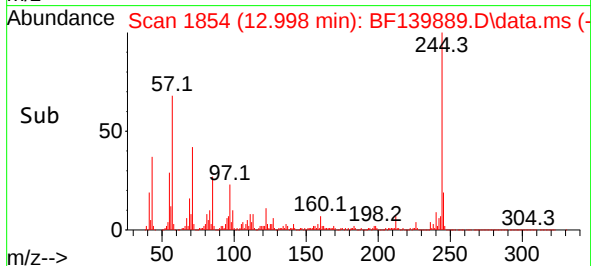
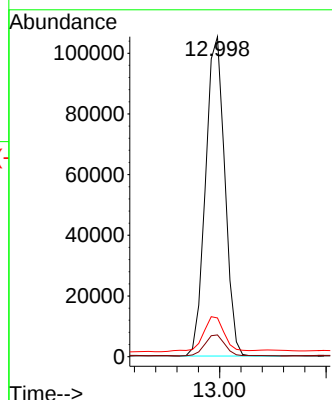
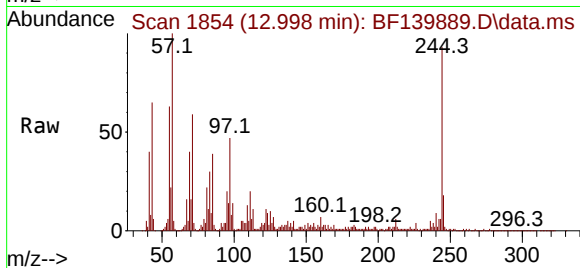
Tgt Ion:244 Resp: 132364

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# 2285

Delta R.T. 0.006 min

Lab File: BF139889.D

Acq: 19 Oct 2024 23:28

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

