

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
 Data File : BF139898.D
 Acq On : 21 Oct 2024 12:52
 Operator : RC/JU
 Sample : P4426-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-4

Quant Time: Oct 21 13:19:56 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	6.886	152	168739	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	643521	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	345378	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	592461	20.000	ng	0.00
76) Chrysene-d12	14.051	240	304655	20.000	ng	0.00
86) Perylene-d12	15.527	264	332840	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	406952	37.755	ng	0.00
7) Phenol-d6	6.498	99	697534	49.966	ng	-0.01
23) Nitrobenzene-d5	7.445	82	582790	50.193	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	100653	31.157	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1157204	55.374	ng	0.00
79) Terphenyl-d14	12.998	244	1144706	61.226	ng	0.00

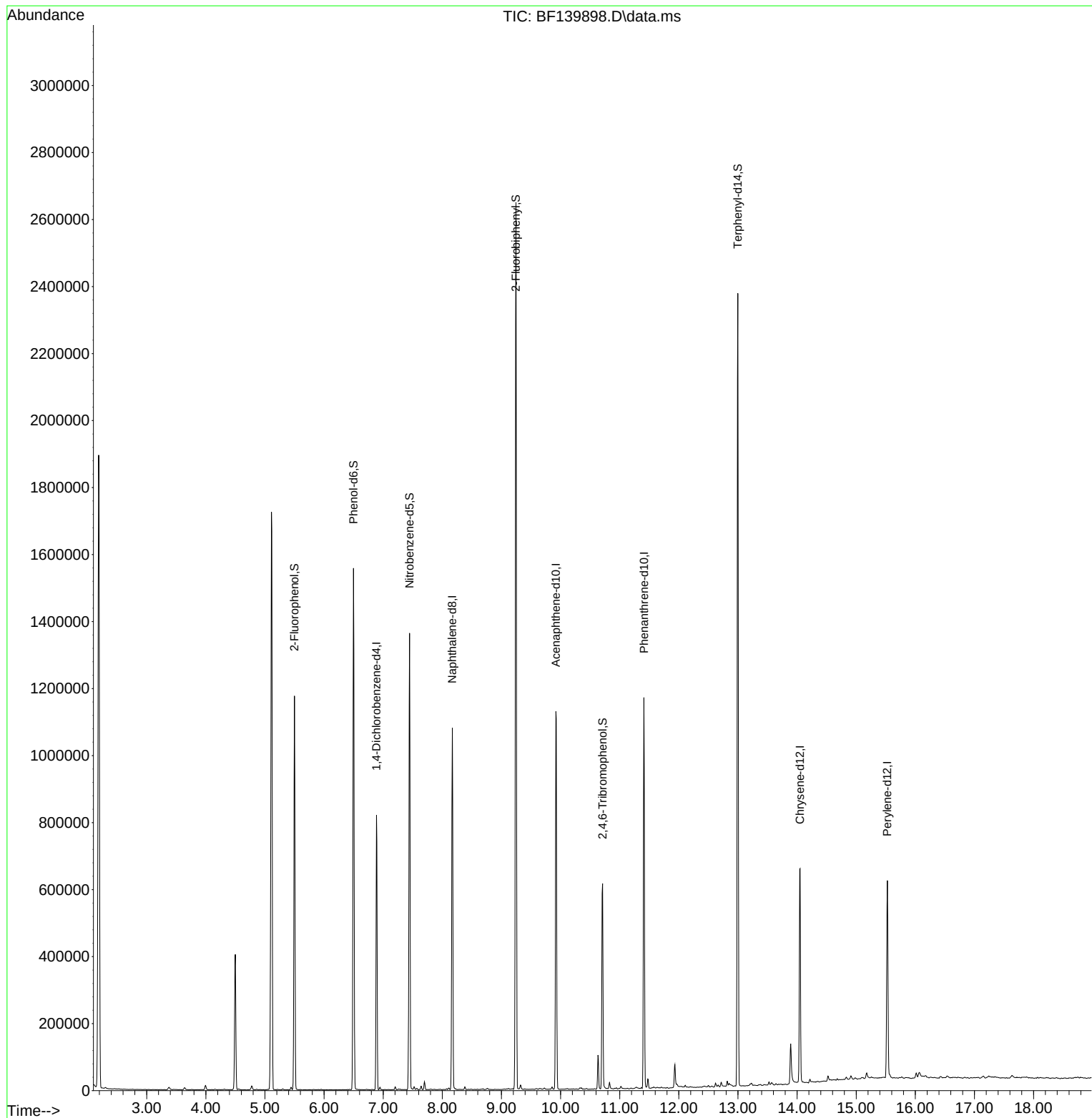
Target Compounds	Qvalue

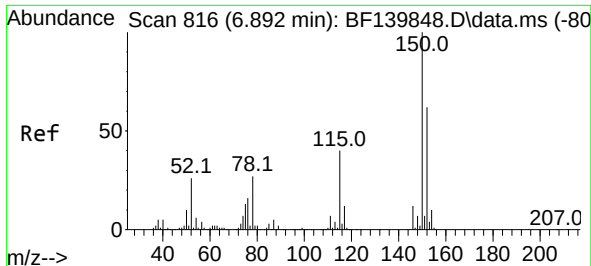
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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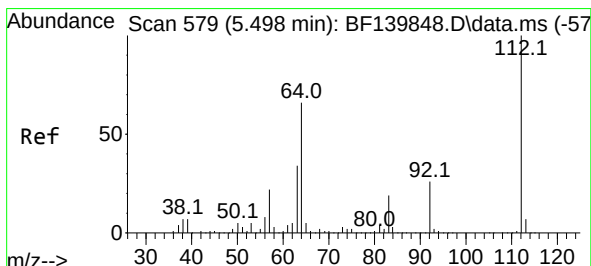
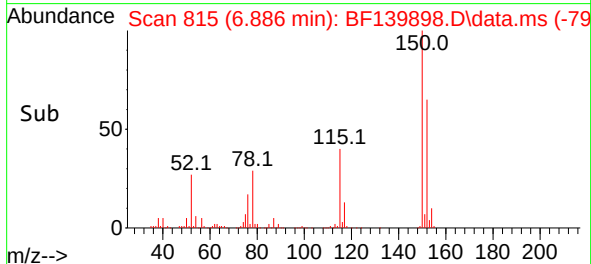
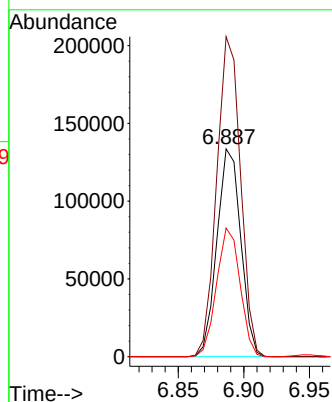
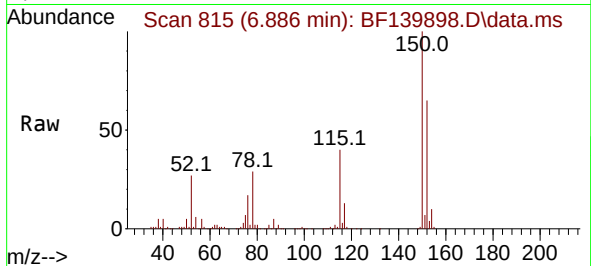




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139898.D
Acq: 21 Oct 2024 12:52

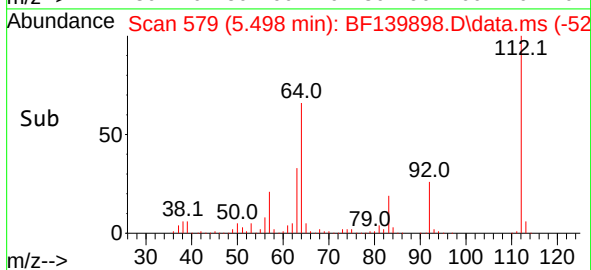
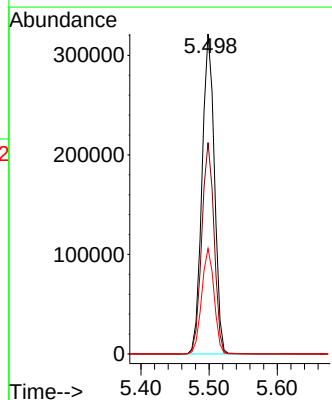
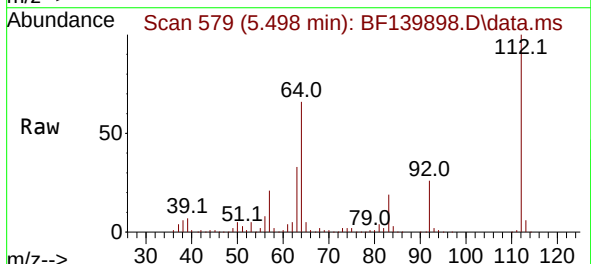
Instrument :
BNA_F
ClientSampleId :
PAD-4

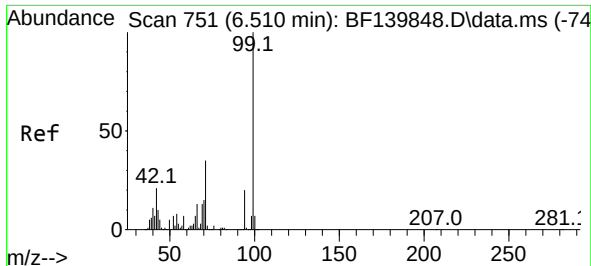
Tgt Ion:152 Resp: 168739
Ion Ratio Lower Upper
152 100
150 154.0 130.2 195.2
115 61.9 51.4 77.2



#5
2-Fluorophenol
Concen: 37.755 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139898.D
Acq: 21 Oct 2024 12:52

Tgt Ion:112 Resp: 406952
Ion Ratio Lower Upper
112 100
64 66.0 53.0 79.6
63 33.0 27.0 40.4

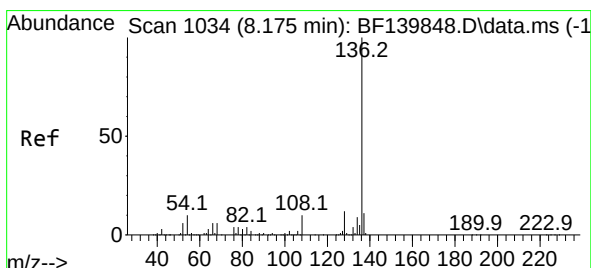
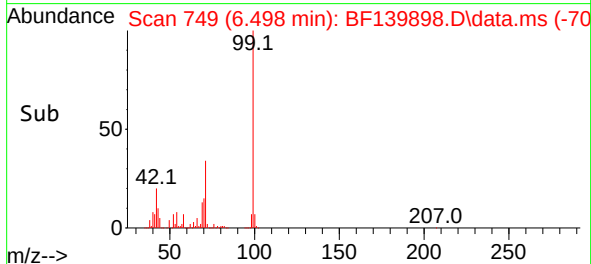
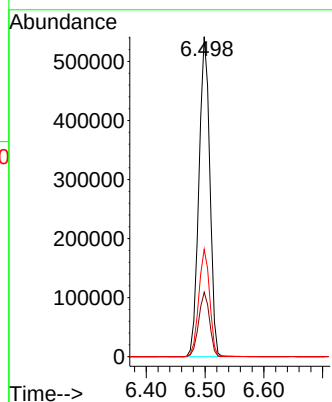
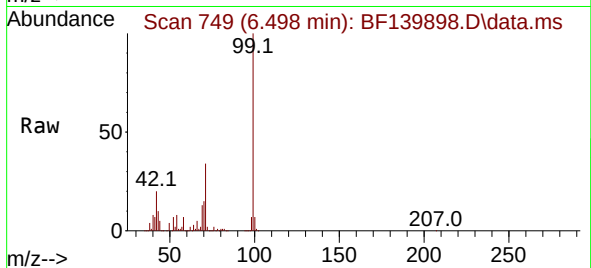




#7
Phenol-d6
Concen: 49.966 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF139898.D
Acq: 21 Oct 2024 12:52

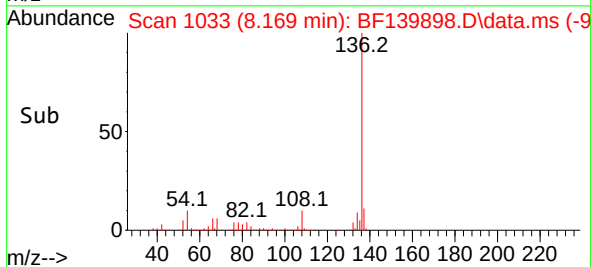
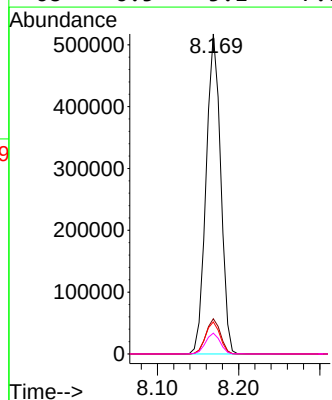
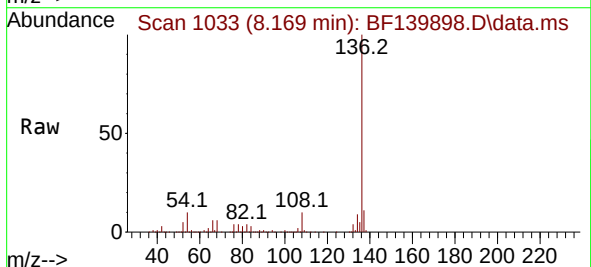
Instrument :
BNA_F
ClientSampleId :
PAD-4

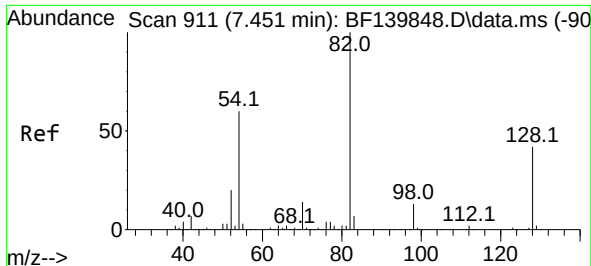
Tgt Ion: 99 Resp: 697534
Ion Ratio Lower Upper
99 100
42 20.1 16.7 25.1
71 33.6 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139898.D
Acq: 21 Oct 2024 12:52

Tgt Ion: 136 Resp: 643521
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.0 8.4 12.6
68 6.5 5.1 7.7





#23

Nitrobenzene-d5

Concen: 50.193 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139898.D

Acq: 21 Oct 2024 12:52

Instrument :

BNA_F

ClientSampleId :

PAD-4

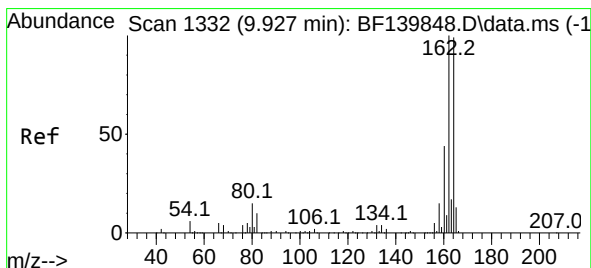
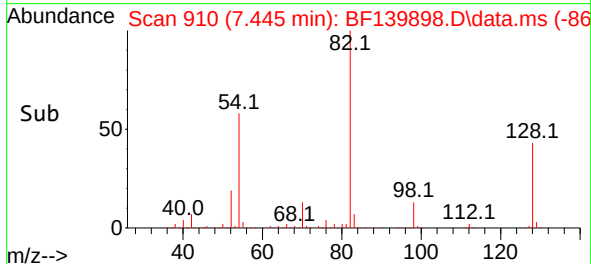
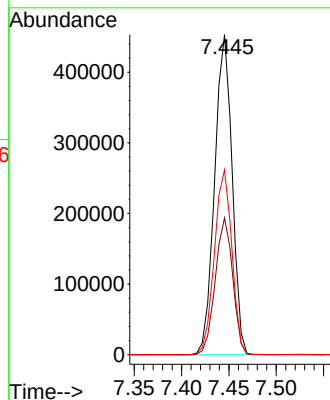
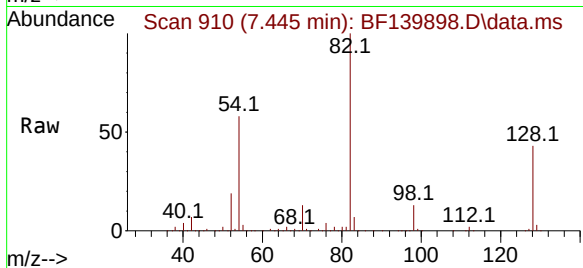
Tgt Ion: 82 Resp: 582790

Ion Ratio Lower Upper

82 100

128 42.7 33.4 50.0

54 57.8 47.8 71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.005 min

Lab File: BF139898.D

Acq: 21 Oct 2024 12:52

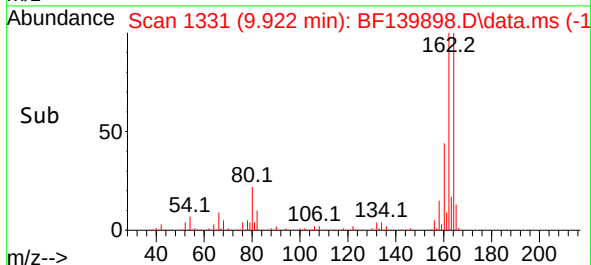
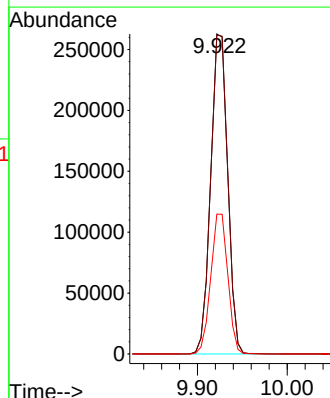
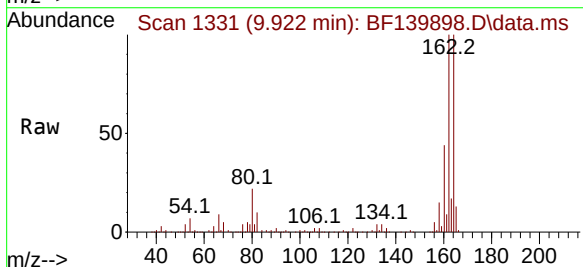
Tgt Ion:164 Resp: 345378

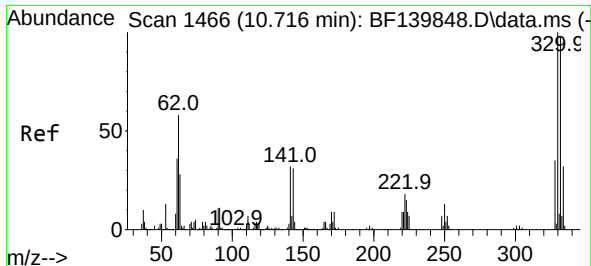
Ion Ratio Lower Upper

164 100

162 99.7 81.0 121.4

160 43.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 31.157 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139898.D

Acq: 21 Oct 2024 12:52

Instrument :

BNA_F

ClientSampleId :

PAD-4

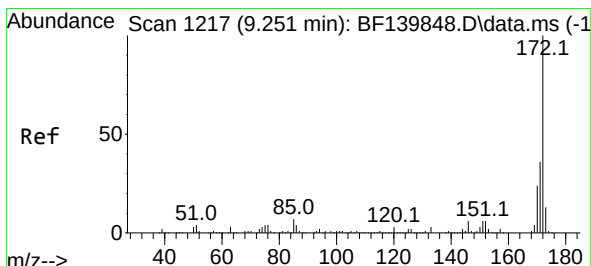
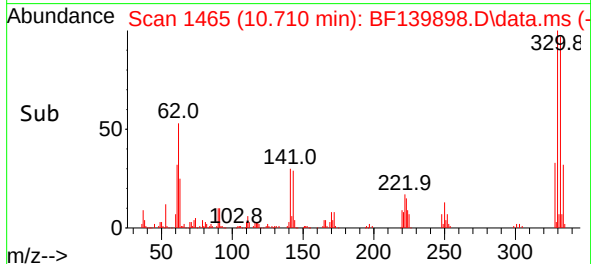
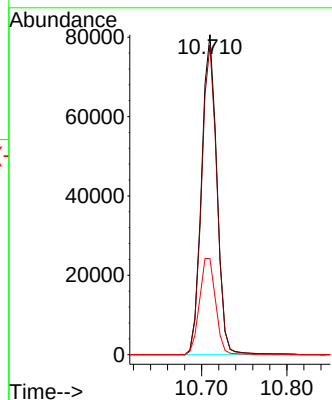
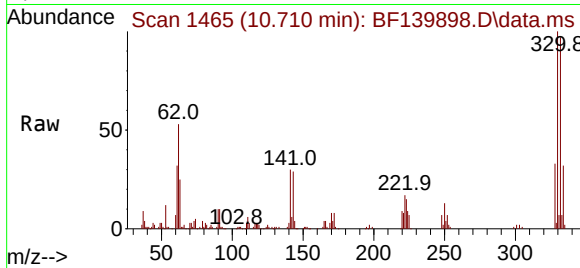
Tgt Ion:330 Resp: 100653

Ion Ratio Lower Upper

330 100

332 96.7 78.1 117.1

141 31.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 55.374 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139898.D

Acq: 21 Oct 2024 12:52

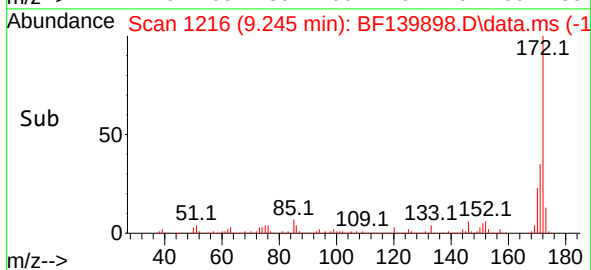
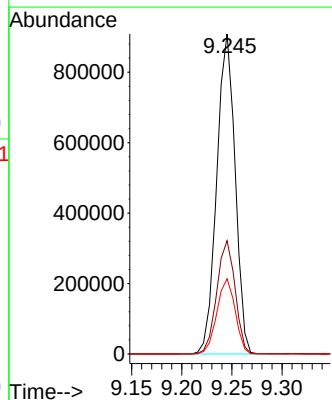
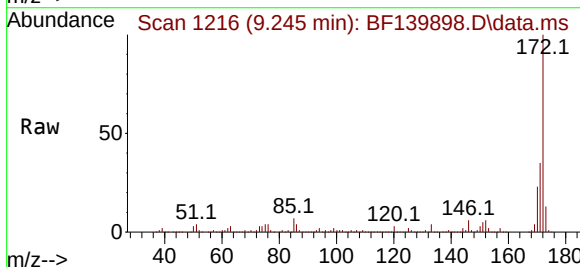
Tgt Ion:172 Resp: 1157204

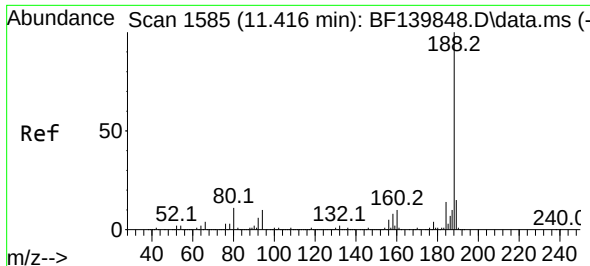
Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.5 19.1 28.7

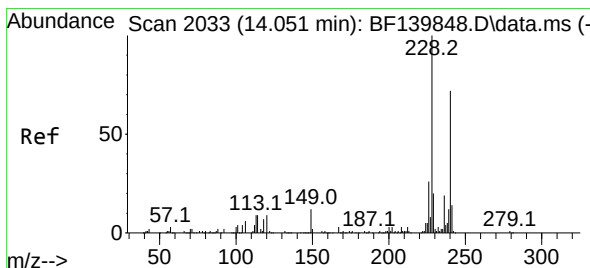
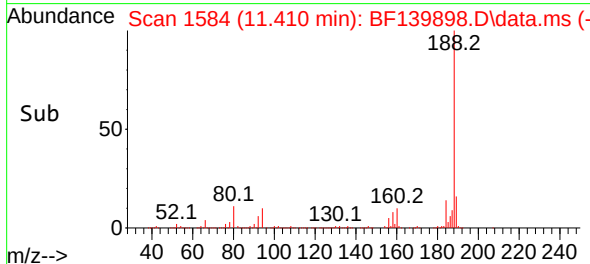
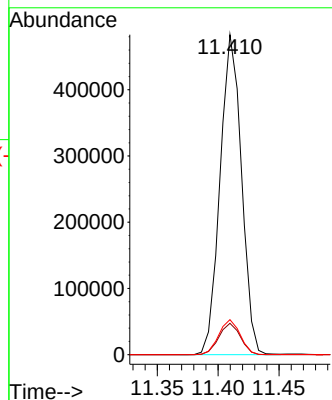
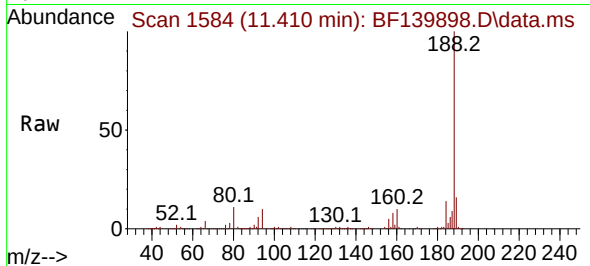




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139898.D
Acq: 21 Oct 2024 12:52

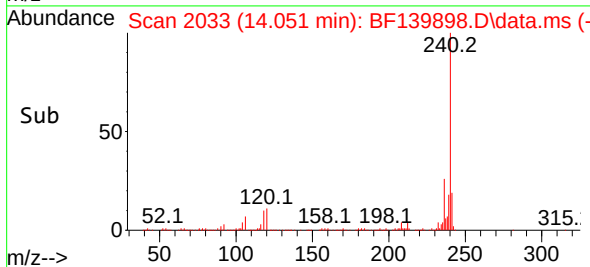
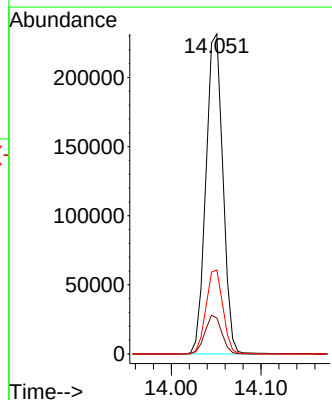
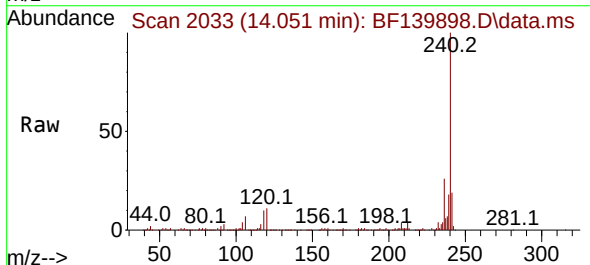
Instrument :
BNA_F
ClientSampleId :
PAD-4

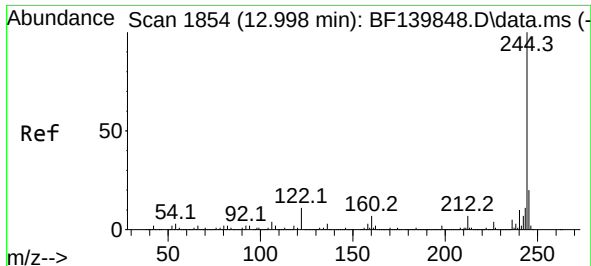
Tgt Ion:188 Resp: 592461
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.9 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139898.D
Acq: 21 Oct 2024 12:52

Tgt Ion:240 Resp: 304655
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 26.2 20.9 31.3

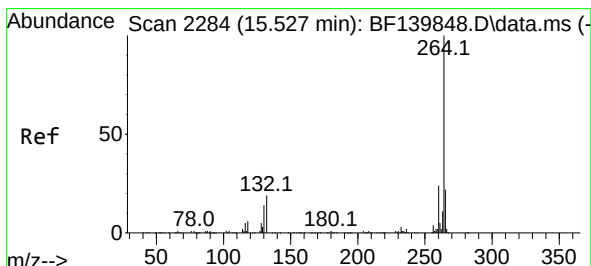
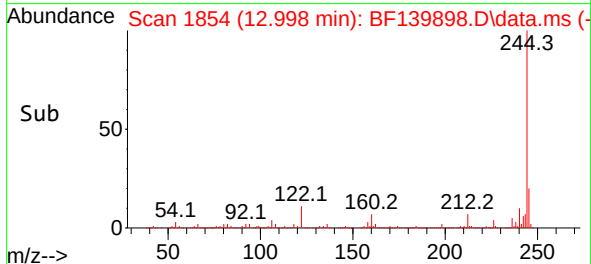
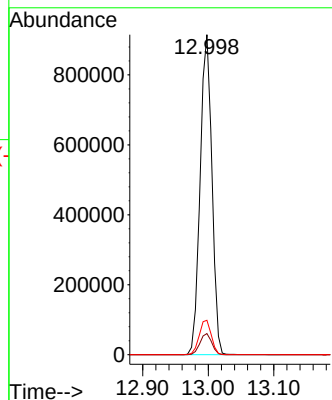
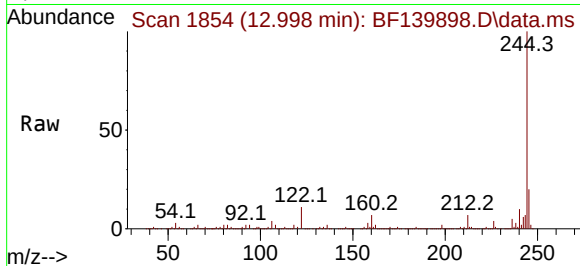




#79
 Terphenyl-d14
 Concen: 61.226 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF139898.D
 Acq: 21 Oct 2024 12:52

Instrument :
 BNA_F
 ClientSampleId :
 PAD-4

Tgt Ion:244 Resp: 1144706
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 10.7 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: BF139898.D
 Acq: 21 Oct 2024 12:52

Tgt Ion:264 Resp: 332840
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.5 17.4 26.0

