

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
 Data File : BF139857.D
 Acq On : 18 Oct 2024 16:46
 Operator : RC/JU
 Sample : P4422-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-101624

Quant Time: Oct 18 17:11:45 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	161030	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	525477	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	254286	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	495248	20.000	ng	0.00
76) Chrysene-d12	14.051	240	364844	20.000	ng	0.00
86) Perylene-d12	15.527	264	270216	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	271072	26.353	ng	0.00
7) Phenol-d6	6.498	99	314556	23.611	ng	-0.01
23) Nitrobenzene-d5	7.445	82	172905	18.237	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	63361	26.639	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	304800	19.810	ng	0.00
79) Terphenyl-d14	12.992	244	398881	17.815	ng	0.00

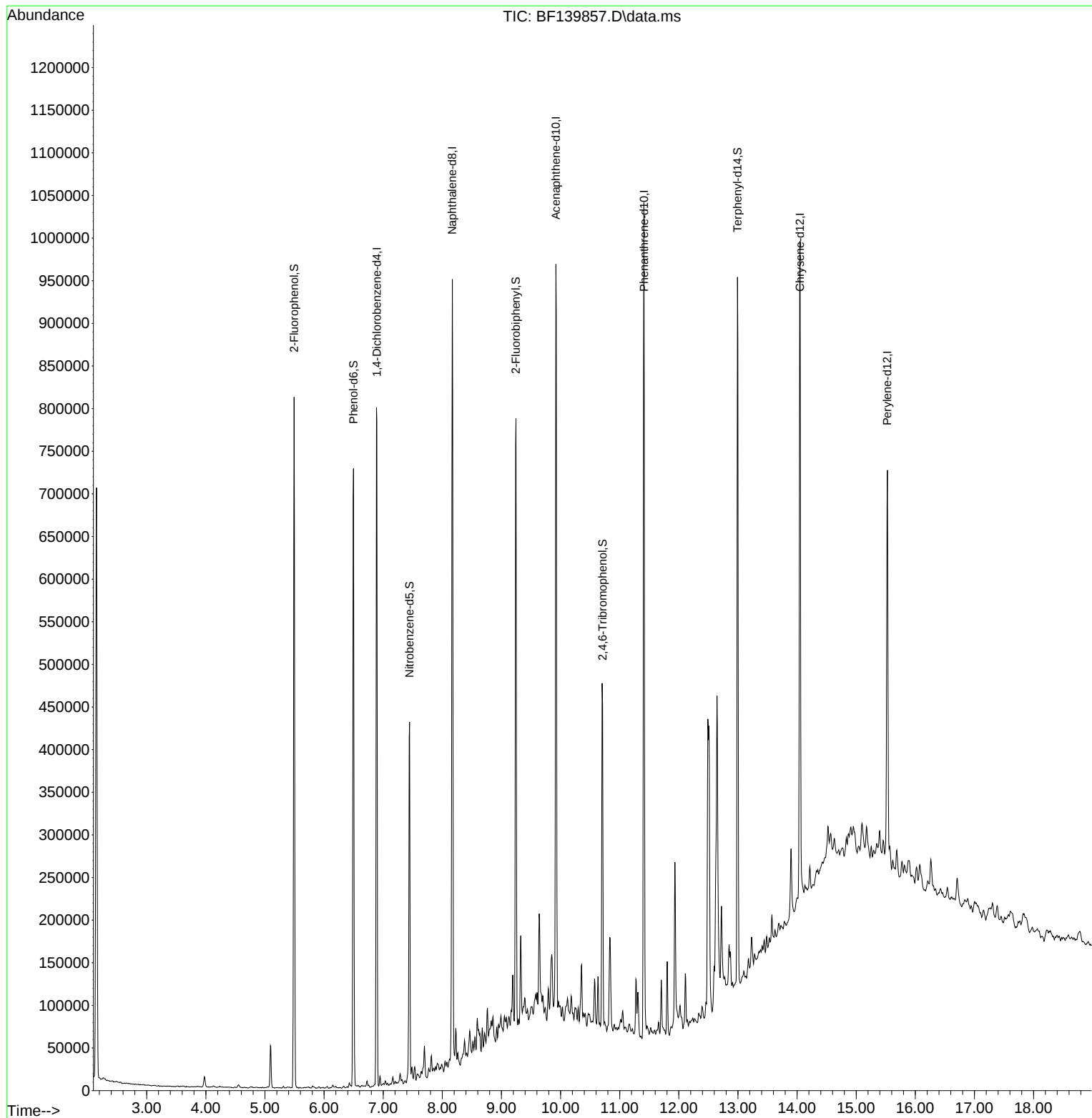
Target Compounds	Qvalue

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

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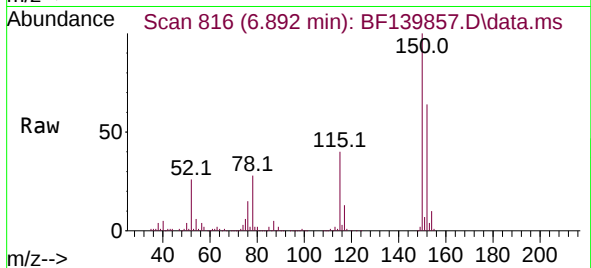
Quant Time: Oct 18 17:11:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
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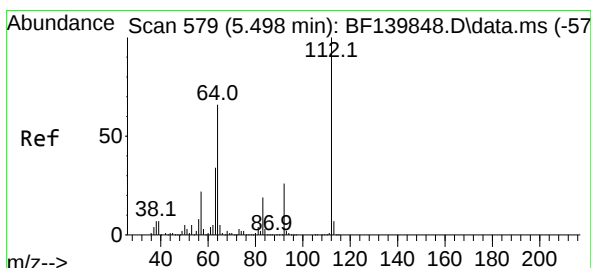
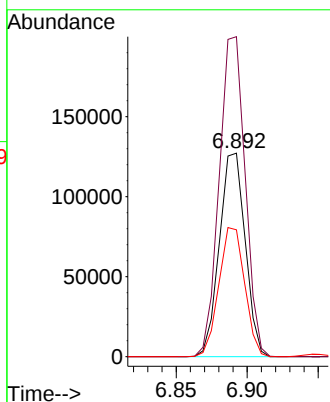
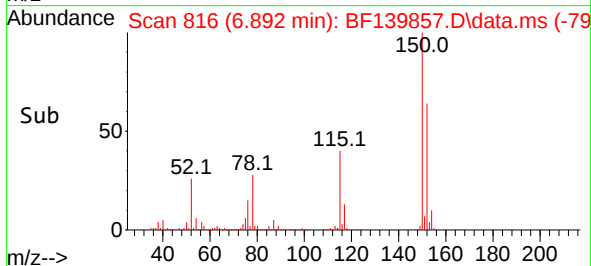


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139857.D
Acq: 18 Oct 2024 16:46

Instrument :
BNA_F
ClientSampleId :
EO-01-101624

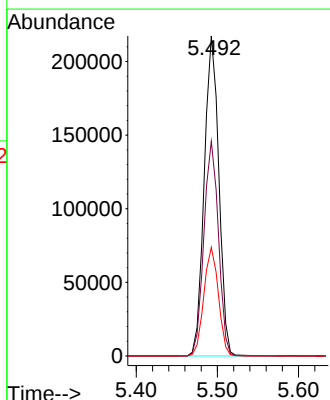
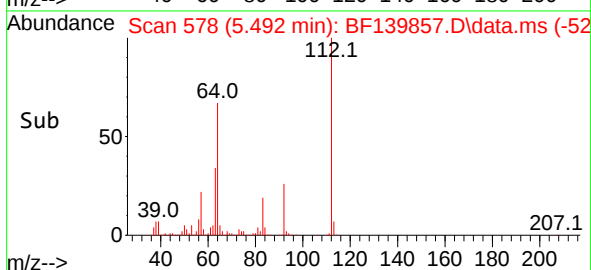
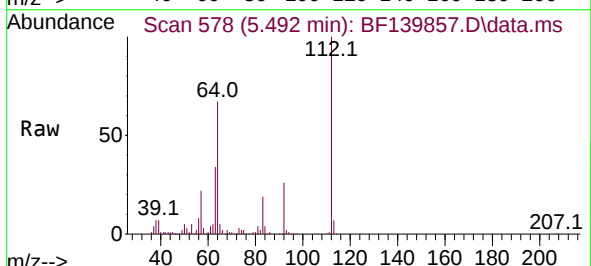


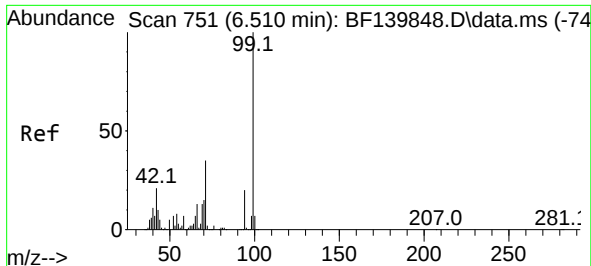
Tgt Ion:152 Resp: 161030
Ion Ratio Lower Upper
152 100
150 157.2 130.2 195.2
115 62.3 51.4 77.2



#5
2-Fluorophenol
Concen: 26.353 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF139857.D
Acq: 18 Oct 2024 16:46

Tgt Ion:112 Resp: 271072
Ion Ratio Lower Upper
112 100
64 67.1 53.0 79.6
63 33.9 27.0 40.4

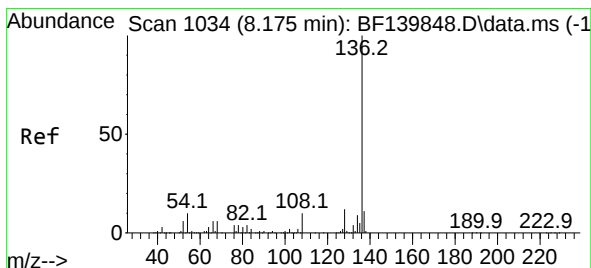
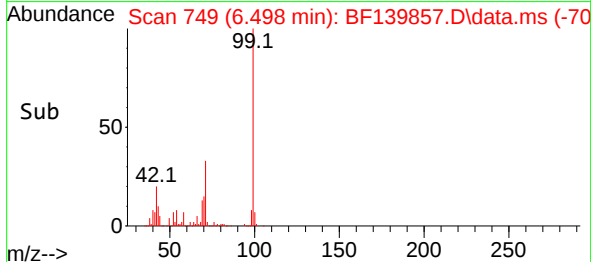
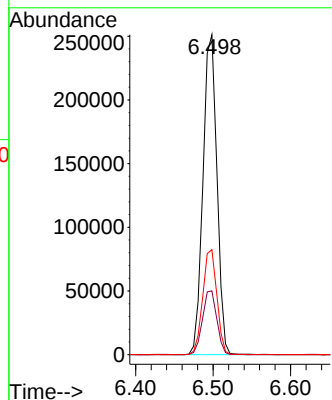
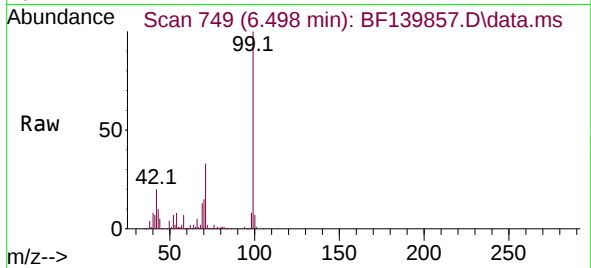




#7
Phenol-d6
Concen: 23.611 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139857.D
Acq: 18 Oct 2024 16:46

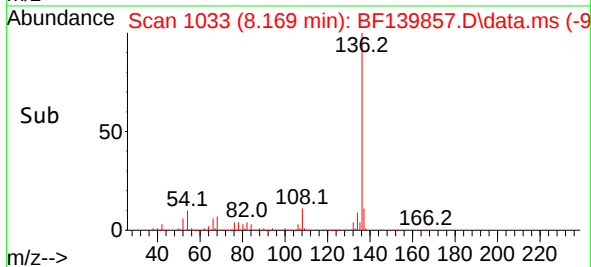
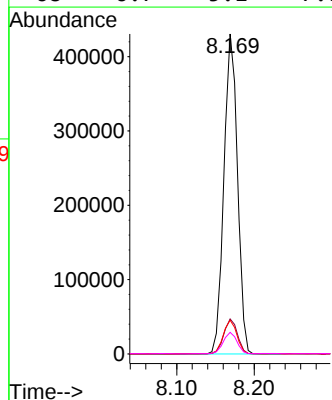
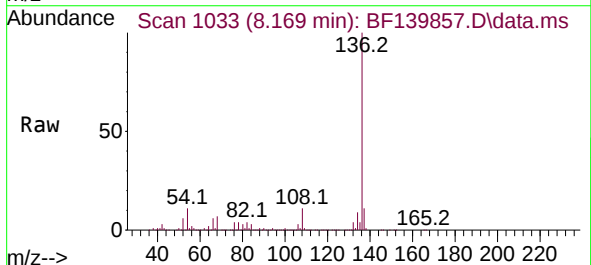
Instrument :
BNA_F
ClientSampleId :
EO-01-101624

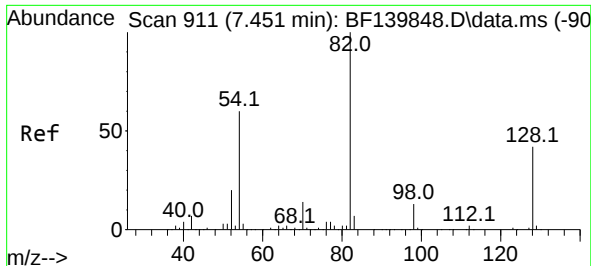
Tgt Ion: 99 Resp: 314556
Ion Ratio Lower Upper
99 100
42 20.0 16.7 25.1
71 32.9 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139857.D
Acq: 18 Oct 2024 16:46

Tgt Ion: 136 Resp: 525477
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.5 8.4 12.6
68 6.7 5.1 7.7





#23

Nitrobenzene-d5

Concen: 18.237 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139857.D

Acq: 18 Oct 2024 16:46

Instrument :

BNA_F

ClientSampleId :

EO-01-101624

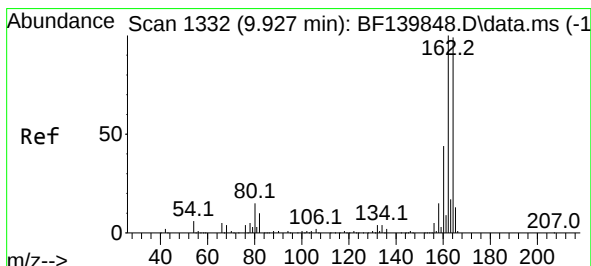
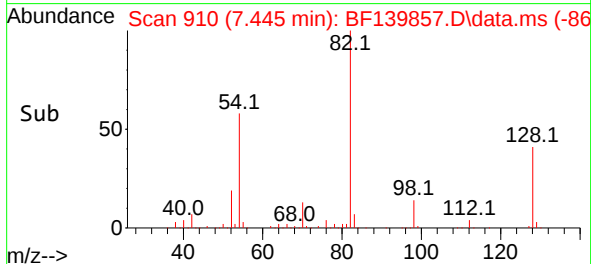
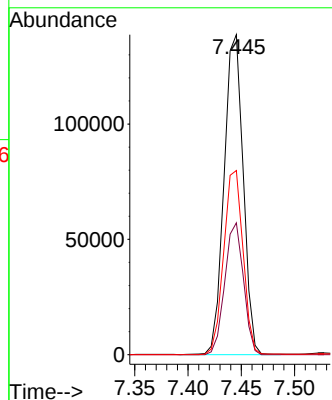
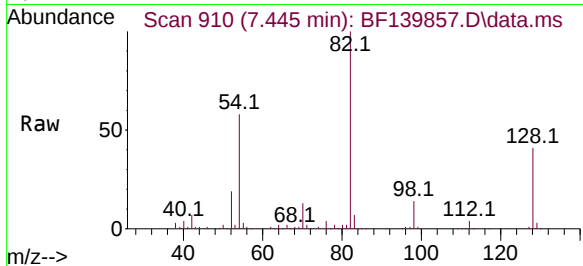
Tgt Ion: 82 Resp: 172905

Ion Ratio Lower Upper

82 100

128 41.2 33.4 50.0

54 57.5 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: BF139857.D

Acq: 18 Oct 2024 16:46

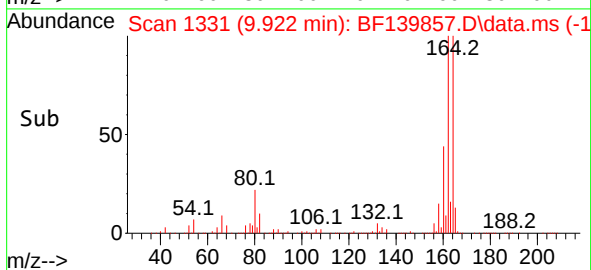
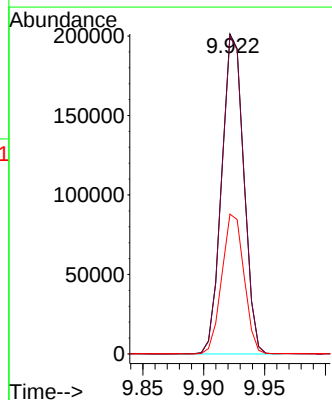
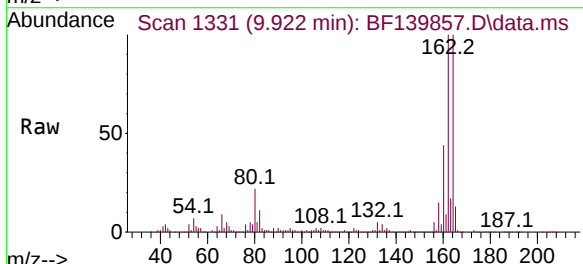
Tgt Ion:164 Resp: 254286

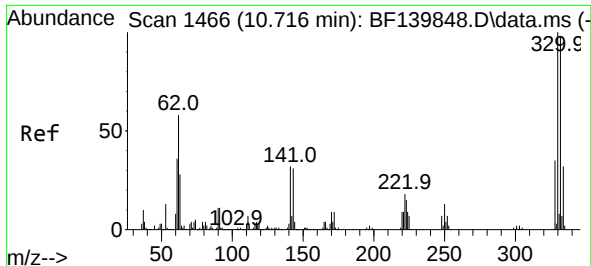
Ion Ratio Lower Upper

164 100

162 99.5 81.0 121.4

160 43.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 26.639 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139857.D

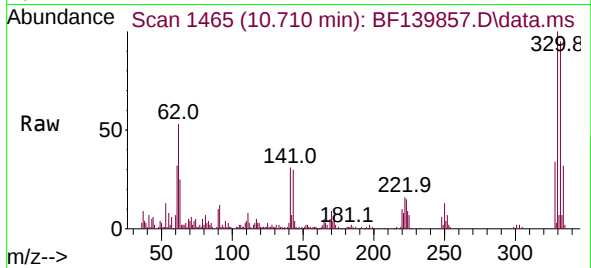
Acq: 18 Oct 2024 16:46

Instrument :

BNA_F

ClientSampleId :

EO-01-101624



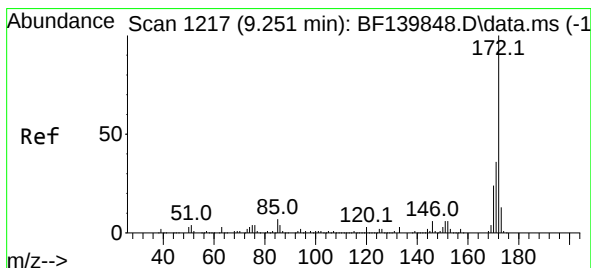
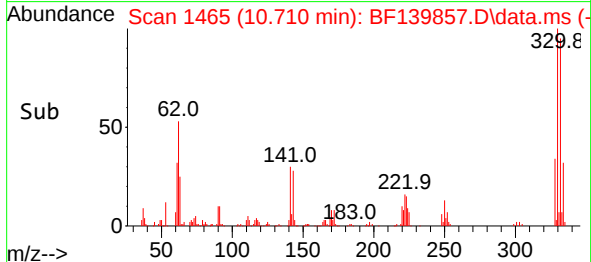
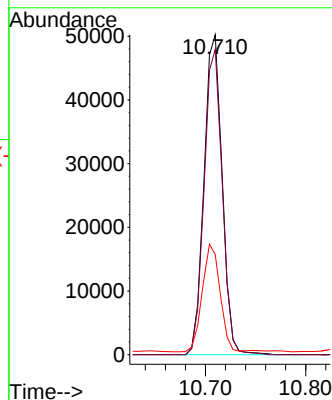
Tgt Ion:330 Resp: 63361

Ion Ratio Lower Upper

330 100

332 95.0 78.1 117.1

141 33.0 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 19.810 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139857.D

Acq: 18 Oct 2024 16:46

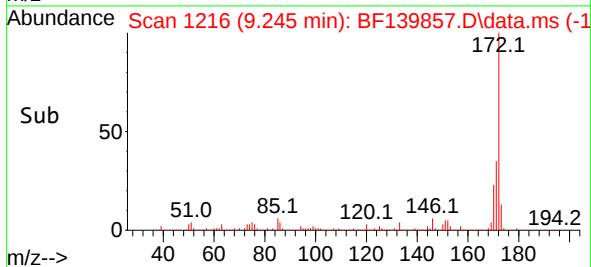
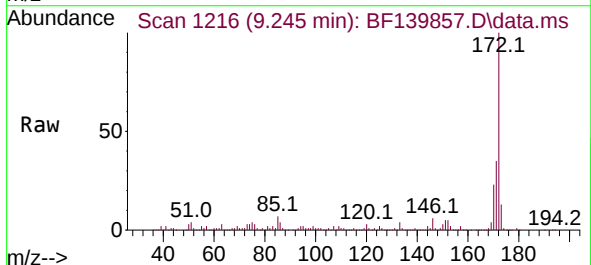
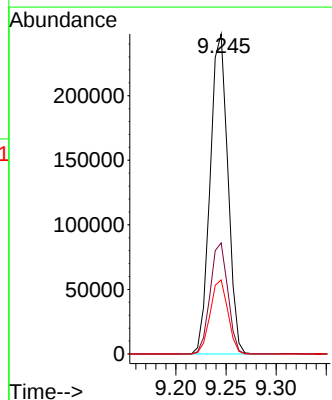
Tgt Ion:172 Resp: 304800

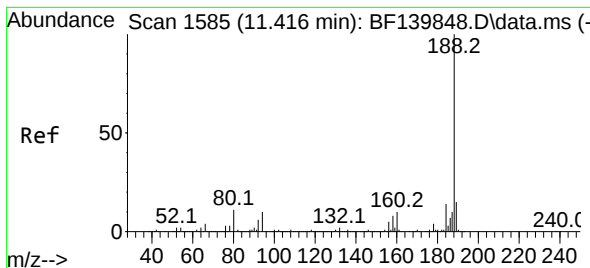
Ion Ratio Lower Upper

172 100

171 34.7 28.6 43.0

170 23.2 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139857.D

Acq: 18 Oct 2024 16:46

Instrument :

BNA_F

ClientSampleId :

EO-01-101624

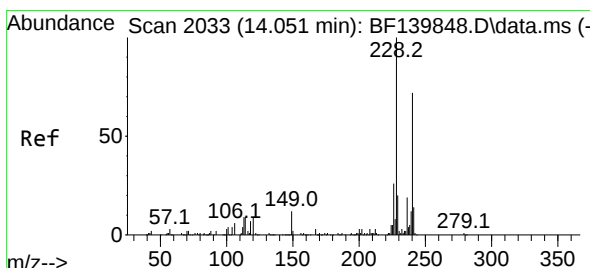
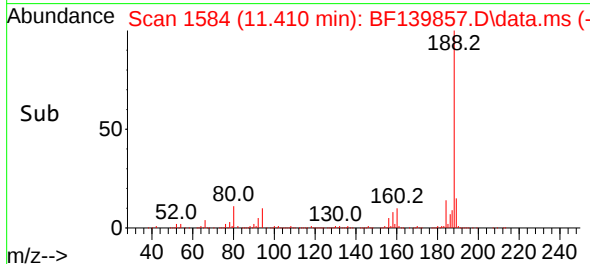
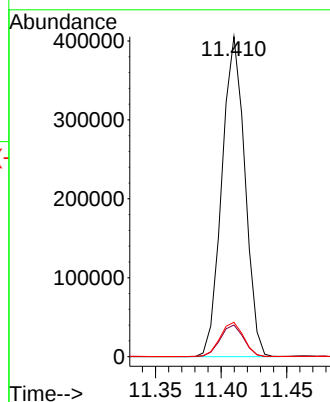
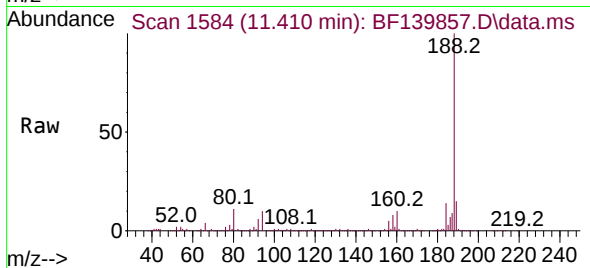
Tgt Ion:188 Resp: 495248

Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

80 10.8 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: BF139857.D

Acq: 18 Oct 2024 16:46

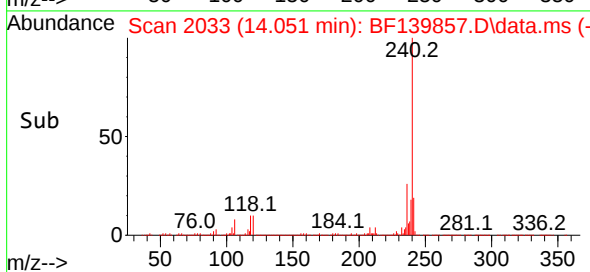
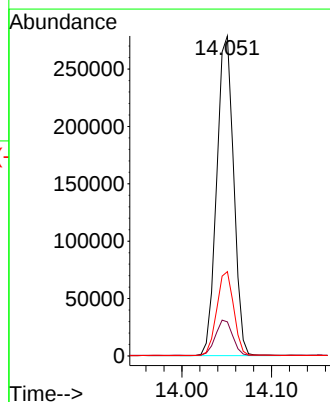
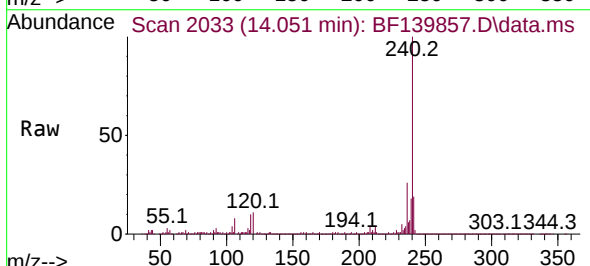
Tgt Ion:240 Resp: 364844

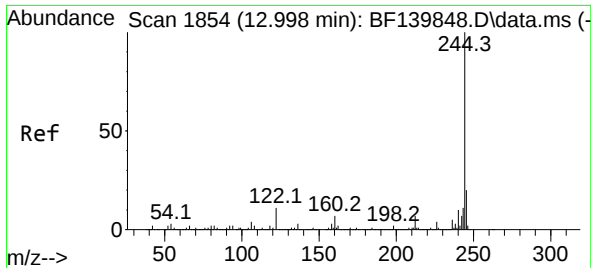
Ion Ratio Lower Upper

240 100

120 10.7 9.4 14.2

236 26.3 20.9 31.3

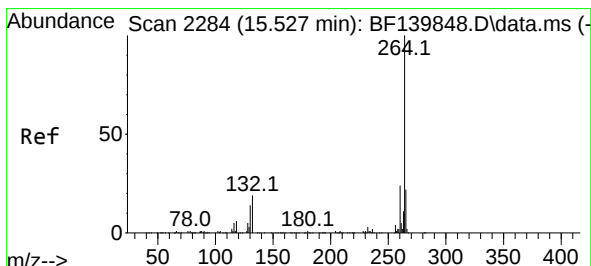
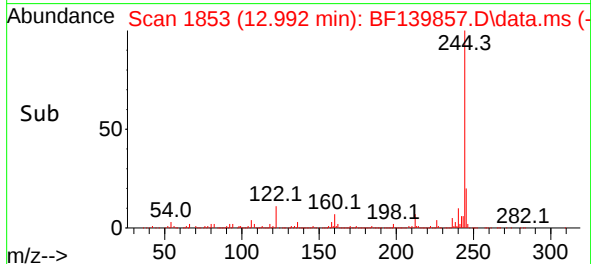
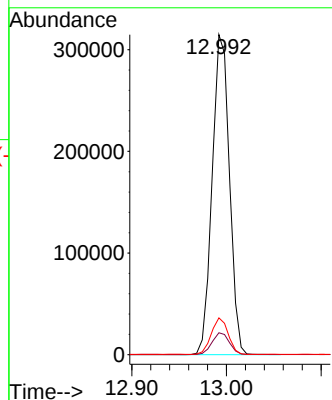
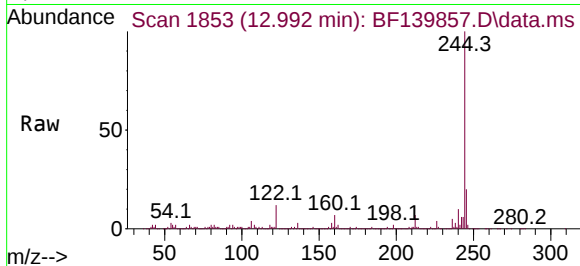




#79
 Terphenyl-d14
 Concen: 17.815 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF139857.D
 Acq: 18 Oct 2024 16:46

Instrument :
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 EO-01-101624

Tgt Ion:244 Resp: 398881
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 11.5 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: BF139857.D
 Acq: 18 Oct 2024 16:46

Tgt Ion:264 Resp: 270216
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.6 17.4 26.0

