

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139984.D
 Acq On : 24 Oct 2024 00:40
 Operator : RC/JU
 Sample : P4474-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-2

Quant Time: Oct 24 01:14:29 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	131007	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	463948	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	218643	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	348917	20.000	ng	0.00
76) Chrysene-d12	14.051	240	324231	20.000	ng	0.00
86) Perylene-d12	15.527	264	250440	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	710401	84.890	ng	0.00
7) Phenol-d6	6.504	99	852632	78.667	ng	0.00
23) Nitrobenzene-d5	7.445	82	547692	65.428	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	168924	82.599	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	832439	62.923	ng	0.00
79) Terphenyl-d14	12.998	244	756703	38.029	ng	0.00

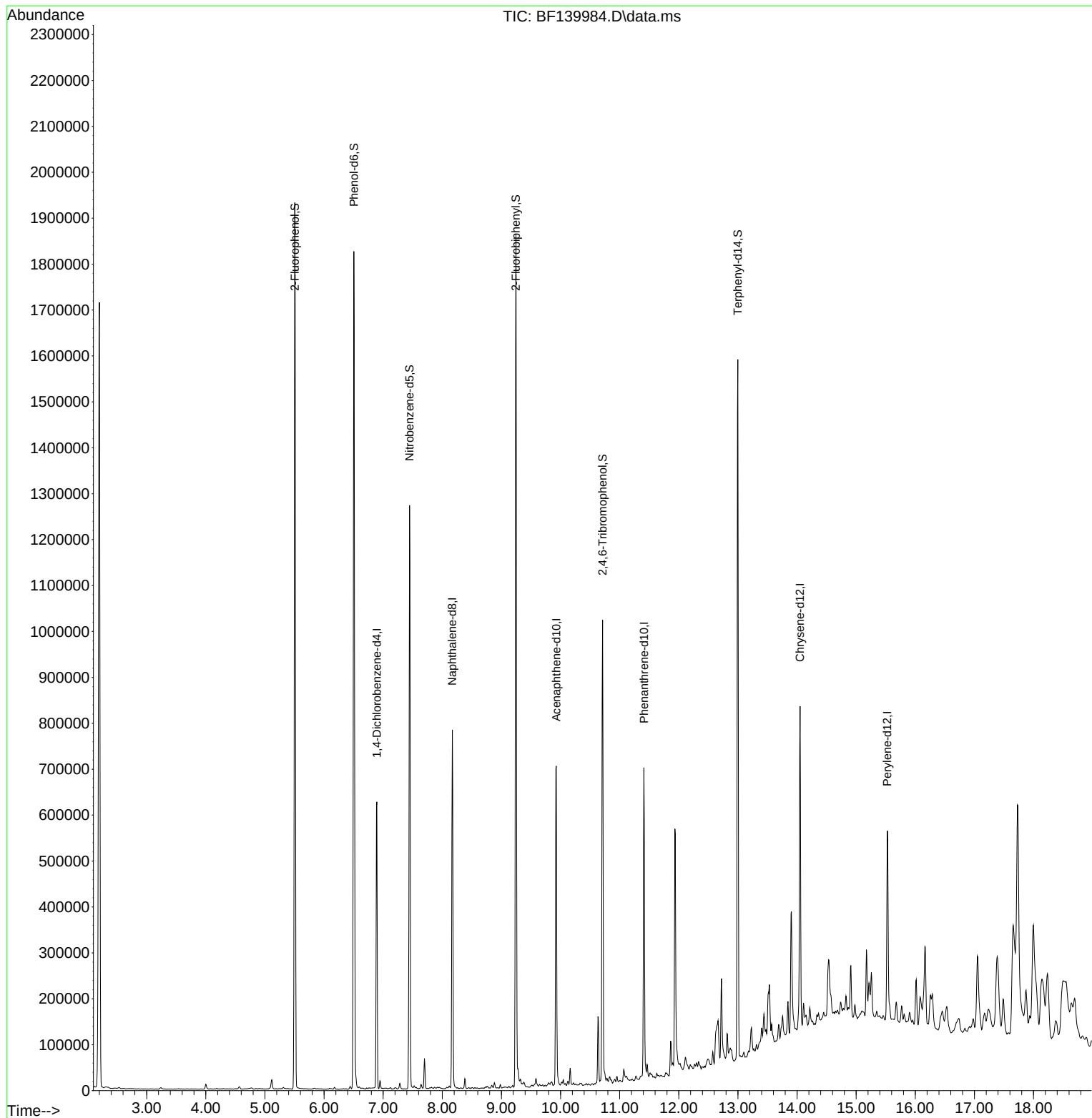
Target Compounds	Qvalue

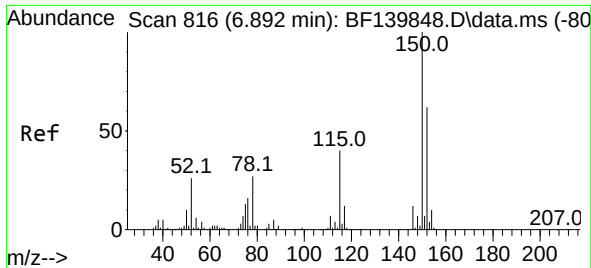
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139984.D
Acq On : 24 Oct 2024 00:40
Operator : RC/JU
Sample : P4474-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-2

Quant Time: Oct 24 01:14:29 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

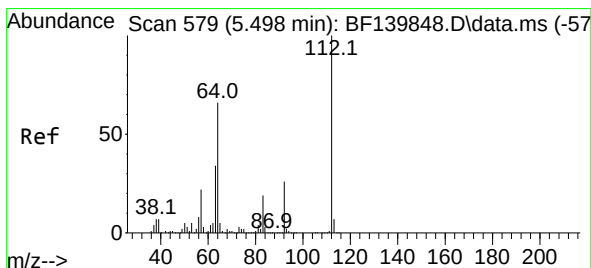
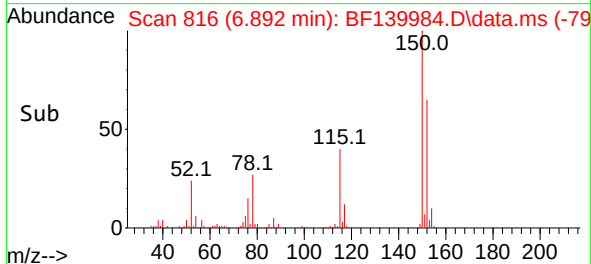
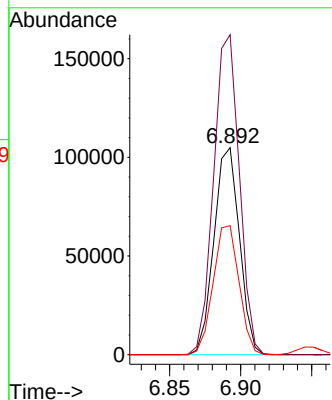
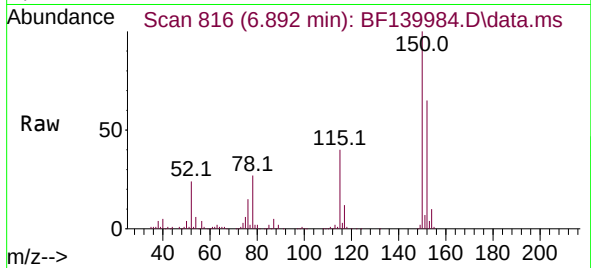




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139984.D
Acq: 24 Oct 2024 00:40

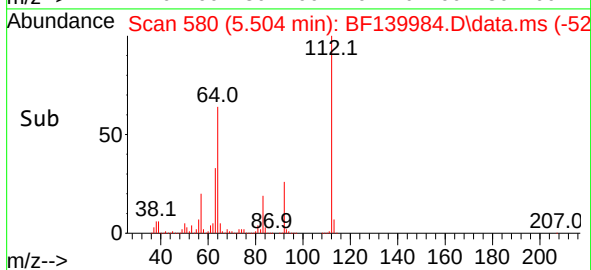
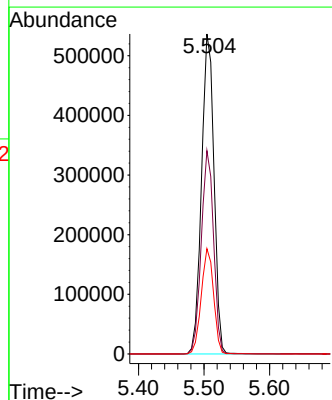
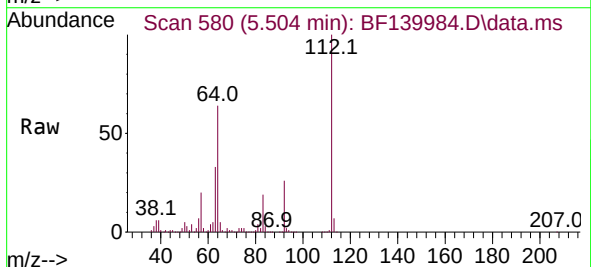
Instrument :
BNA_F
ClientSampleId :
TS-2

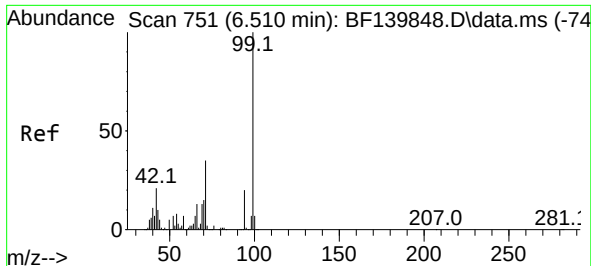
Tgt Ion:152 Resp: 131007
Ion Ratio Lower Upper
152 100
150 154.6 130.2 195.2
115 62.3 51.4 77.2



#5
2-Fluorophenol
Concen: 84.890 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139984.D
Acq: 24 Oct 2024 00:40

Tgt Ion:112 Resp: 710401
Ion Ratio Lower Upper
112 100
64 63.5 53.0 79.6
63 32.9 27.0 40.4





#7
Phenol-d6
Concen: 78.667 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139984.D
Acq: 24 Oct 2024 00:40

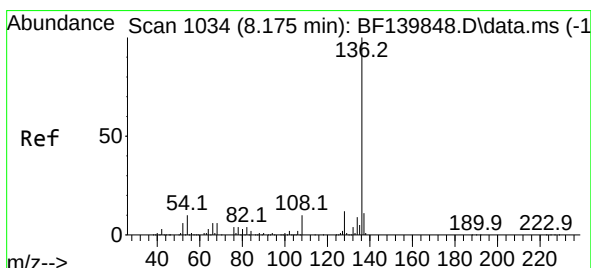
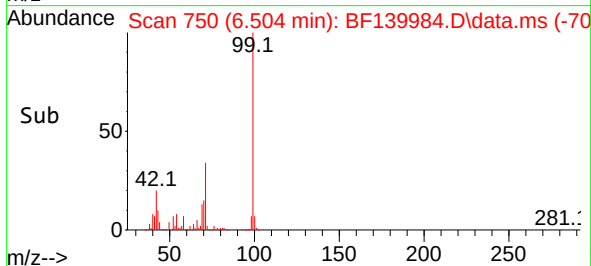
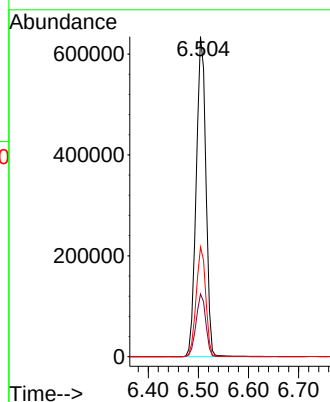
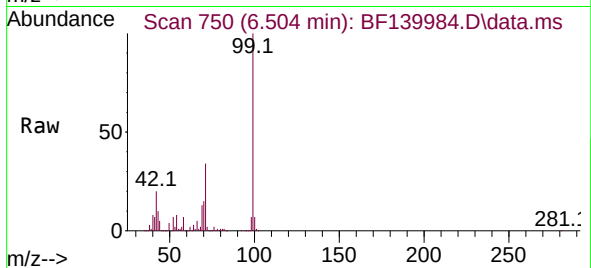
Instrument :

BNA_F

ClientSampleId :

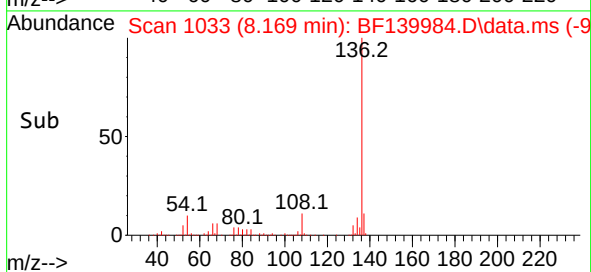
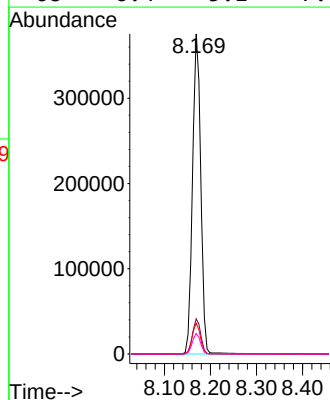
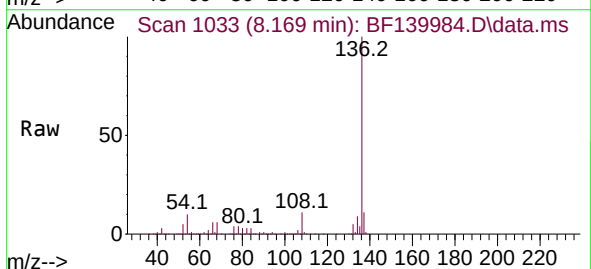
TS-2

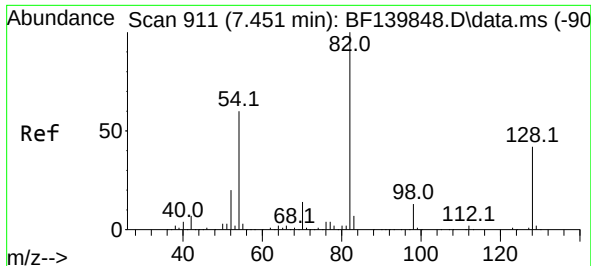
Tgt Ion: 99 Resp: 852632
Ion Ratio Lower Upper
99 100
42 19.6 16.7 25.1
71 34.2 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139984.D
Acq: 24 Oct 2024 00:40

Tgt Ion: 136 Resp: 463948
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.6 8.4 12.6
68 6.4 5.1 7.7





#23

Nitrobenzene-d5

Concen: 65.428 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139984.D

Acq: 24 Oct 2024 00:40

Instrument :

BNA_F

ClientSampleId :

TS-2

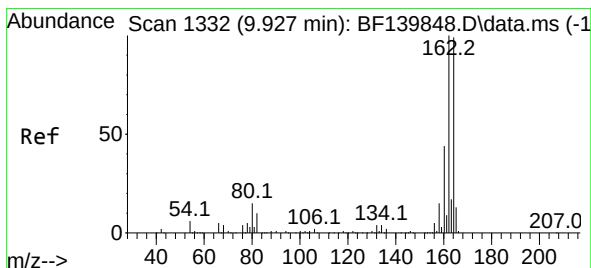
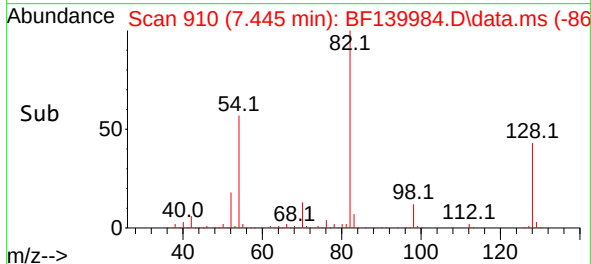
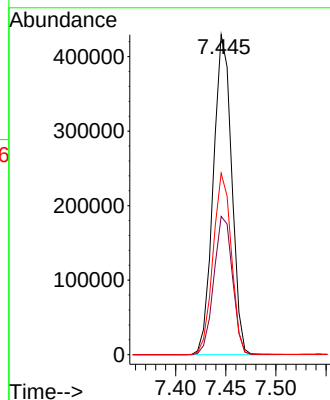
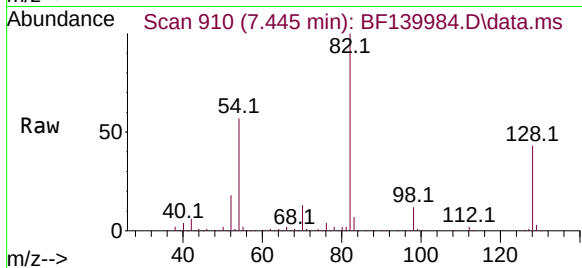
Tgt Ion: 82 Resp: 547692

Ion Ratio Lower Upper

82 100

128 43.2 33.4 50.0

54 56.7 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: BF139984.D

Acq: 24 Oct 2024 00:40

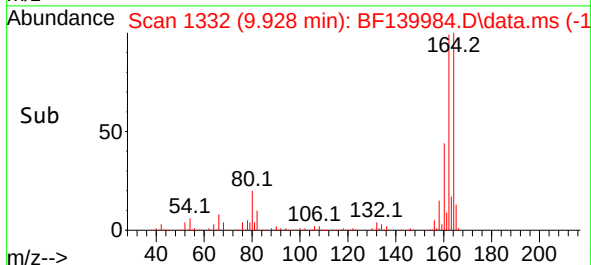
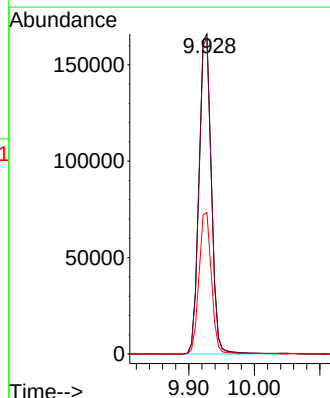
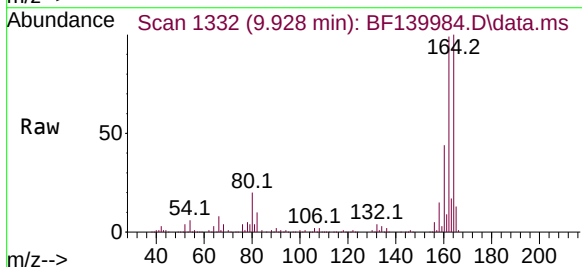
Tgt Ion:164 Resp: 218643

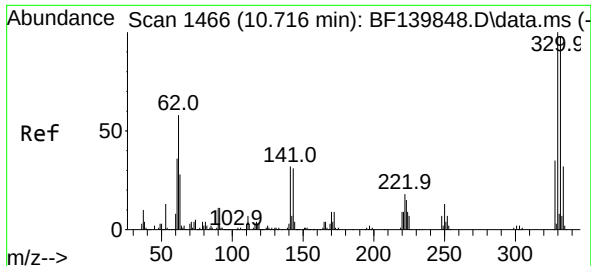
Ion Ratio Lower Upper

164 100

162 98.7 81.0 121.4

160 44.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 82.599 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139984.D

Acq: 24 Oct 2024 00:40

Instrument :

BNA_F

ClientSampleId :

TS-2

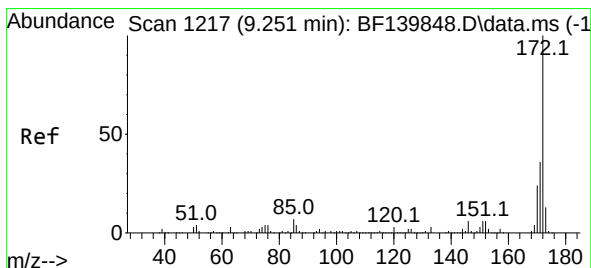
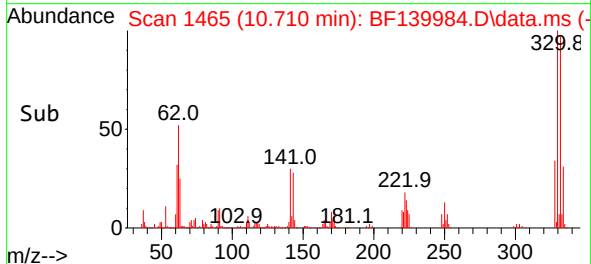
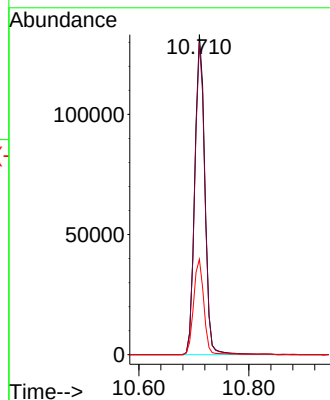
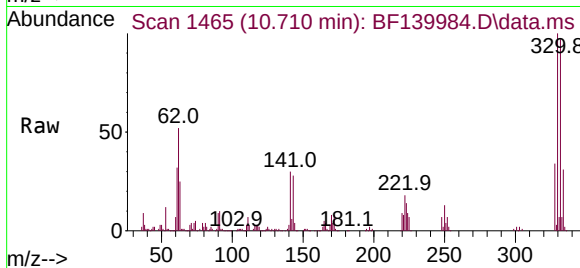
Tgt Ion:330 Resp: 168924

Ion Ratio Lower Upper

330 100

332 97.4 78.1 117.1

141 30.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 62.923 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139984.D

Acq: 24 Oct 2024 00:40

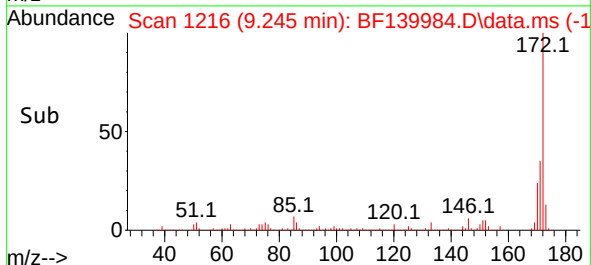
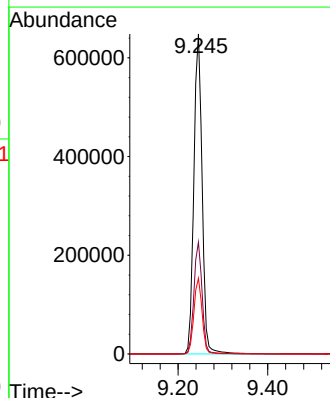
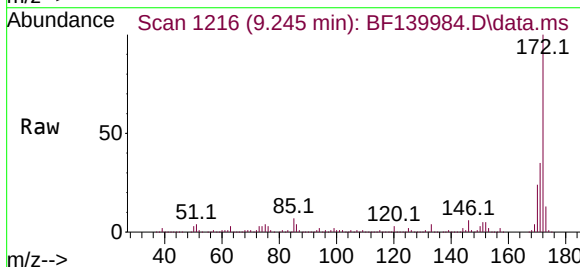
Tgt Ion:172 Resp: 832439

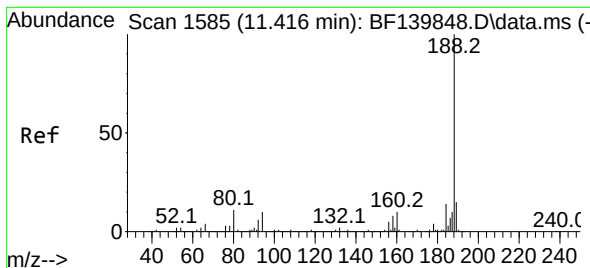
Ion Ratio Lower Upper

172 100

171 34.9 28.6 43.0

170 23.6 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: BF139984.D

Acq: 24 Oct 2024 00:40

Instrument :

BNA_F

ClientSampleId :

TS-2

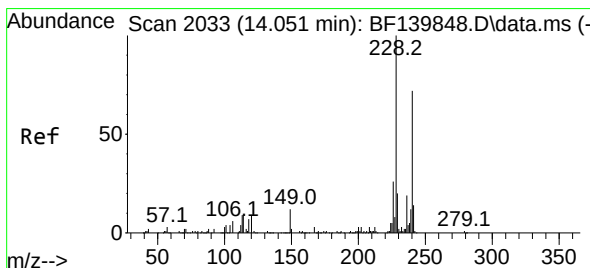
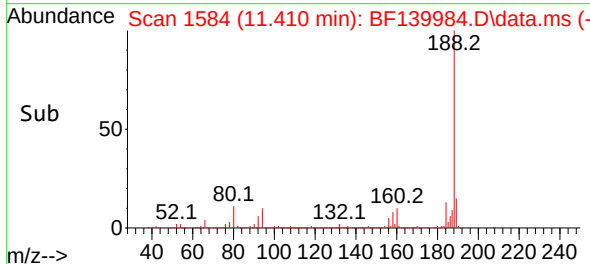
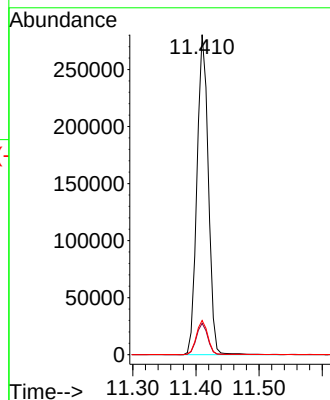
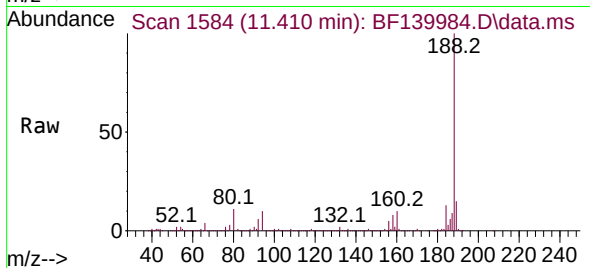
Tgt Ion:188 Resp: 348917

Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

80 10.7 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: BF139984.D

Acq: 24 Oct 2024 00:40

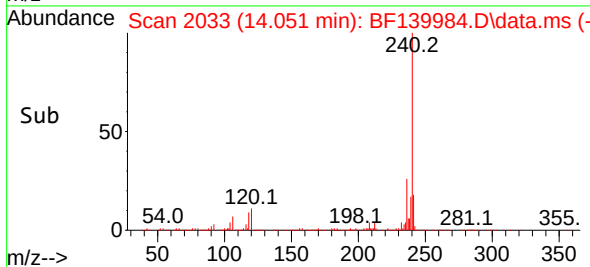
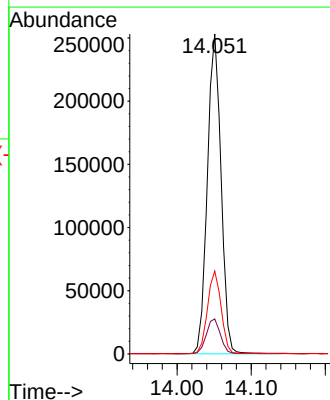
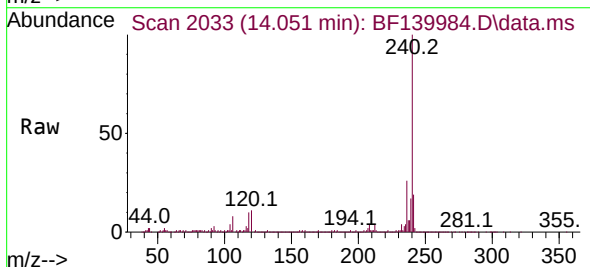
Tgt Ion:240 Resp: 324231

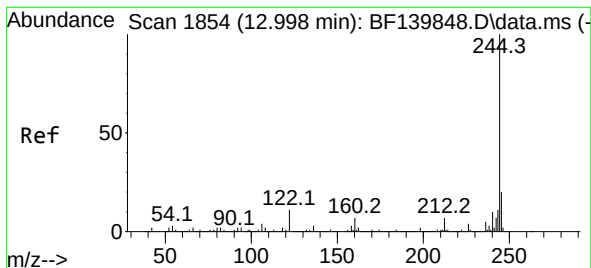
Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.2

236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 38.029 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139984.D

Acq: 24 Oct 2024 00:40

Instrument :

BNA_F

ClientSampleId :

TS-2

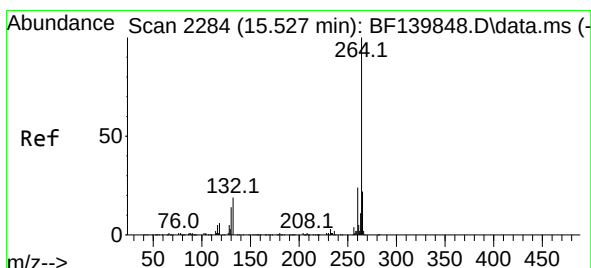
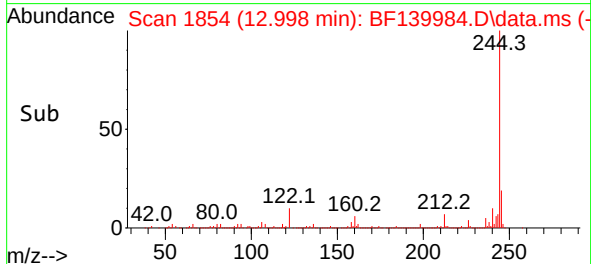
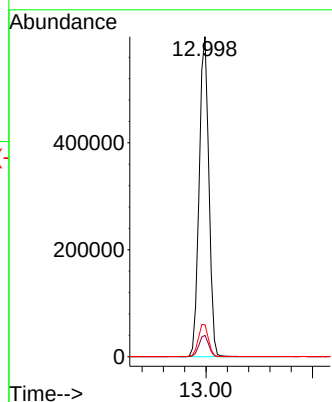
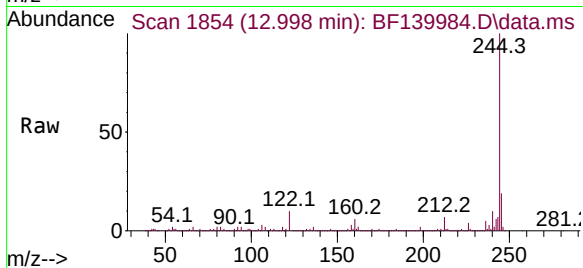
Tgt Ion:244 Resp: 756703

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 10.0 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: BF139984.D

Acq: 24 Oct 2024 00:40

Tgt Ion:264 Resp: 250440

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 21.6 17.4 26.0

