

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
Data File : BF139933.D
Acq On : 22 Oct 2024 17:29
Operator : RC/JU
Sample : P4458-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
280517

Quant Time: Oct 22 18:01:41 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	6.893	152	153847	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	601143	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	337857	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	547874	20.000	ng	0.00
76) Chrysene-d12	14.051	240	340381	20.000	ng	0.00
86) Perylene-d12	15.527	264	368693	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1244571	126.643	ng	0.02
7) Phenol-d6	6.510	99	1471805	115.634	ng	0.00
23) Nitrobenzene-d5	7.451	82	1109517	102.294	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	466714	147.685	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1903656	93.121	ng	0.00
79) Terphenyl-d14	12.998	244	1840114	88.090	ng	0.00

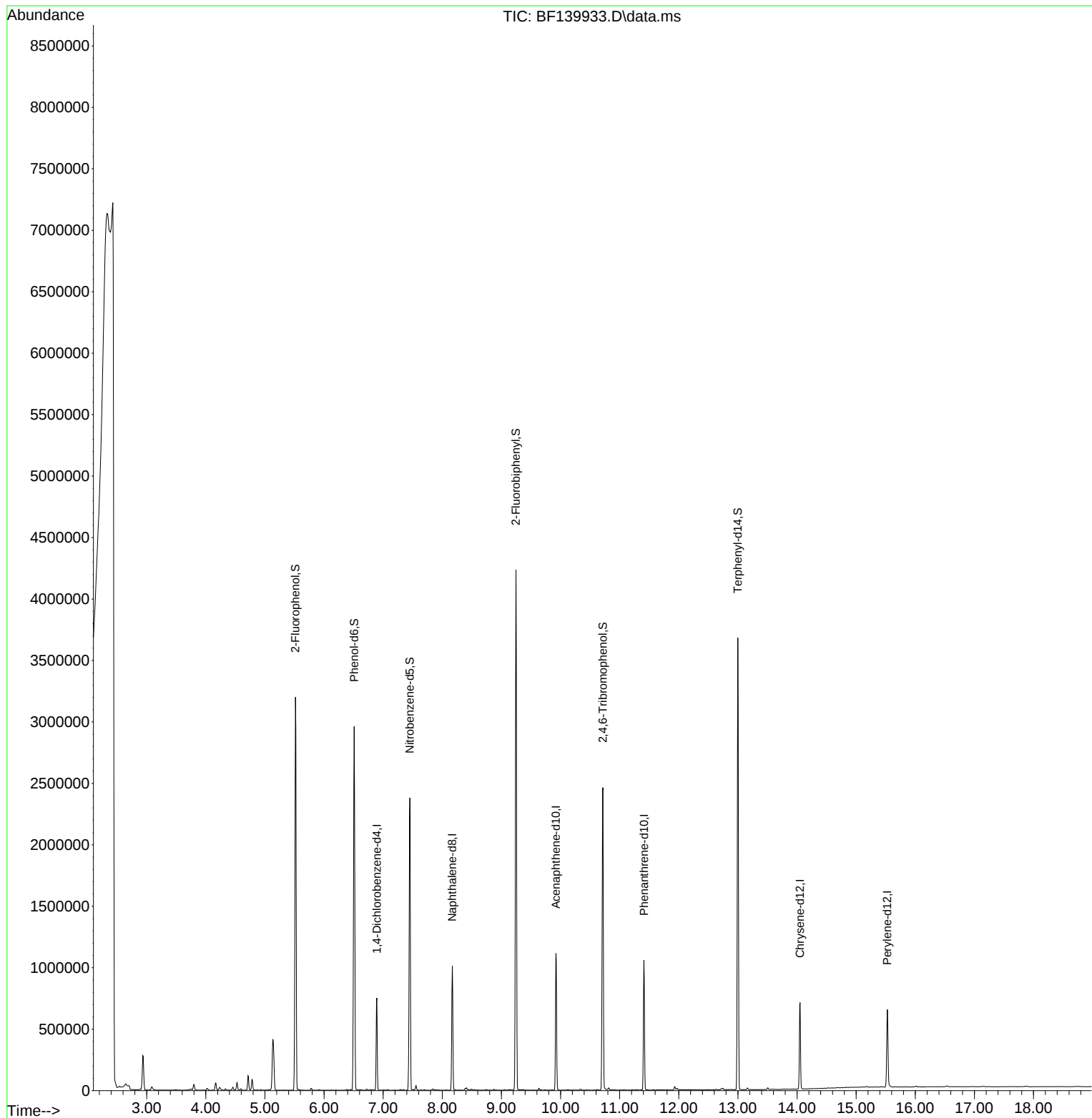
Target Compounds	Qvalue

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

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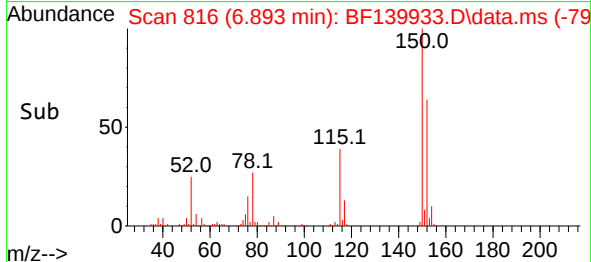
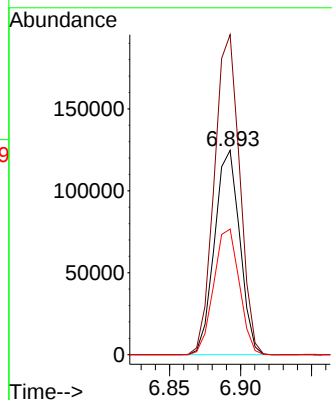
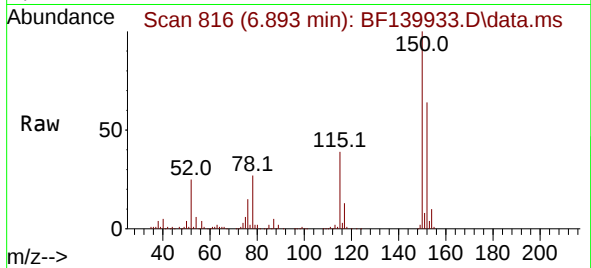




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139933.D
Acq: 22 Oct 2024 17:29

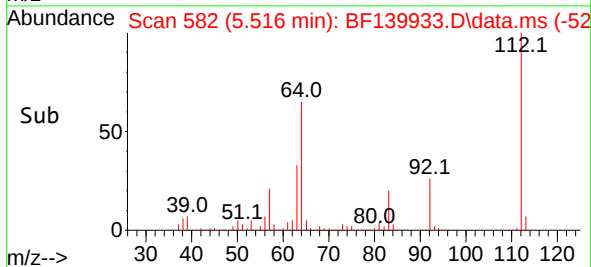
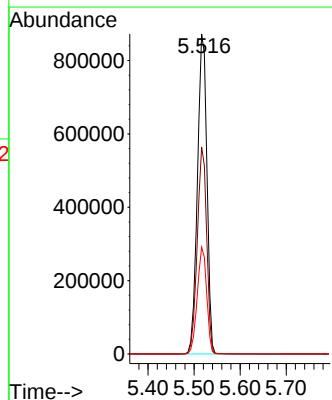
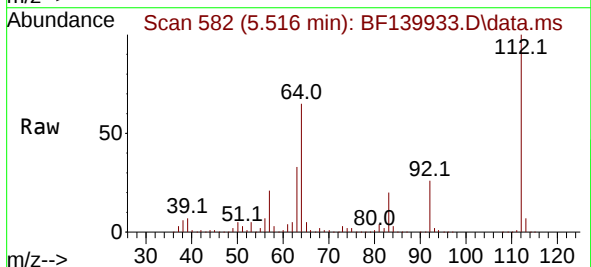
Instrument :
BNA_F
ClientSampleId :
280517

Tgt Ion:152 Resp: 153847
Ion Ratio Lower Upper
152 100
150 156.7 130.2 195.2
115 61.5 51.4 77.2



#5
2-Fluorophenol
Concen: 126.643 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139933.D
Acq: 22 Oct 2024 17:29

Tgt Ion:112 Resp: 1244571
Ion Ratio Lower Upper
112 100
64 64.7 53.0 79.6
63 33.4 27.0 40.4





#7
Phenol-d6
Concen: 115.634 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139933.D
Acq: 22 Oct 2024 17:29

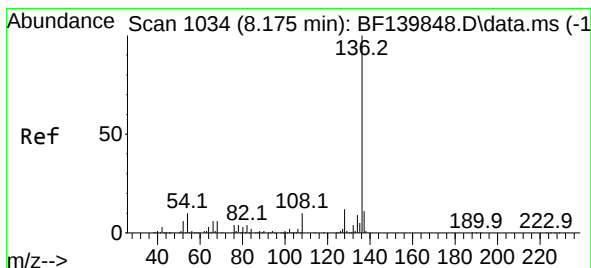
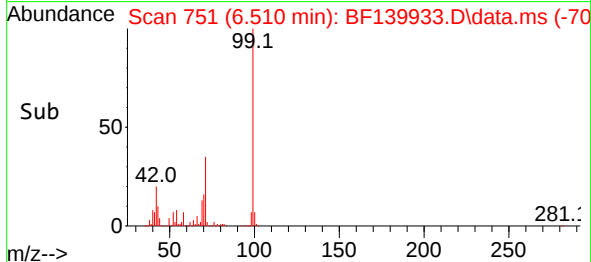
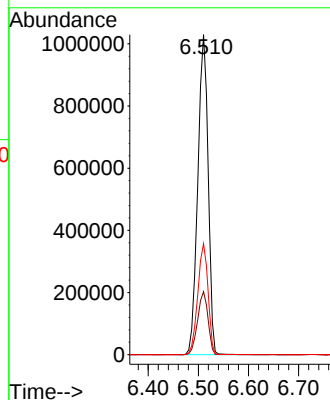
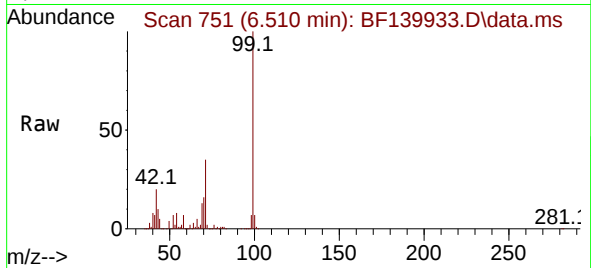
Instrument :

BNA_F

ClientSampleId :

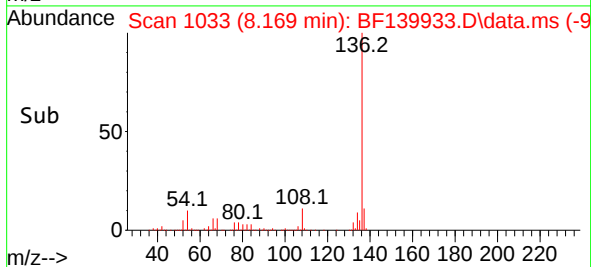
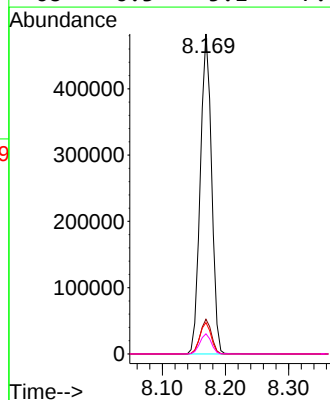
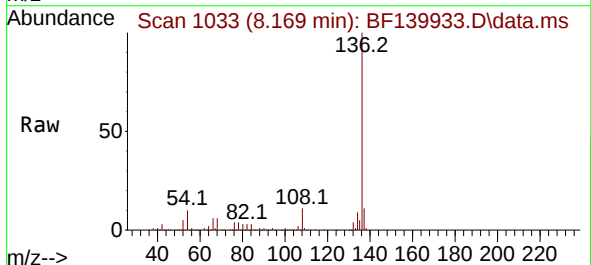
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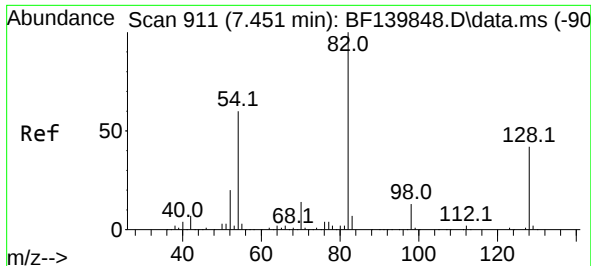
Tgt Ion: 99 Resp: 1471805
Ion Ratio Lower Upper
99 100
42 19.7 16.7 25.1
71 34.7 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139933.D
Acq: 22 Oct 2024 17:29

Tgt Ion:136 Resp: 601143
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.8 8.4 12.6
68 6.3 5.1 7.7

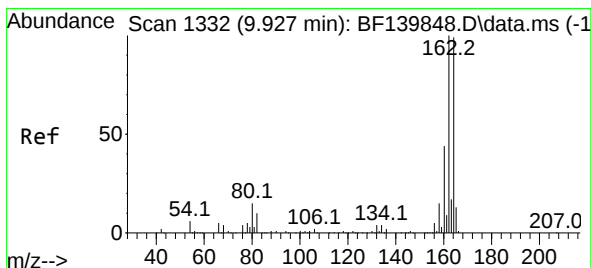
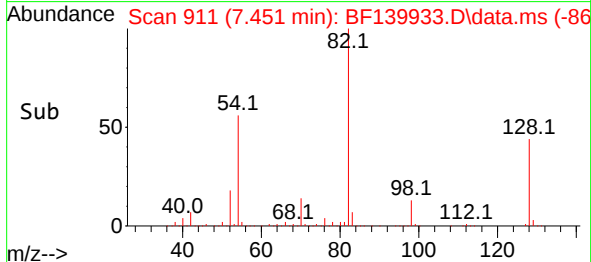
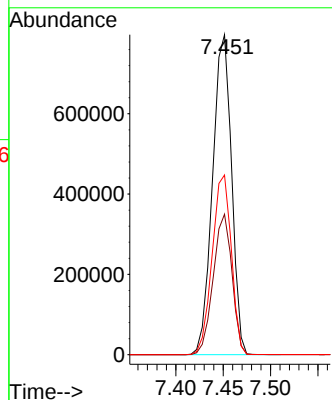
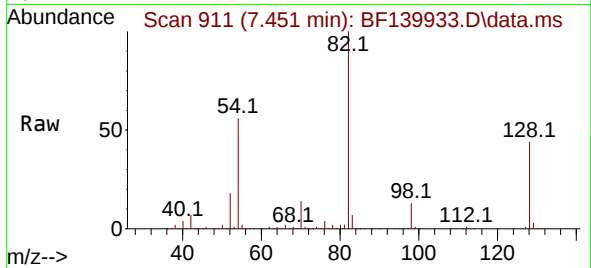




#23
Nitrobenzene-d5
Concen: 102.294 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139933.D
Acq: 22 Oct 2024 17:29

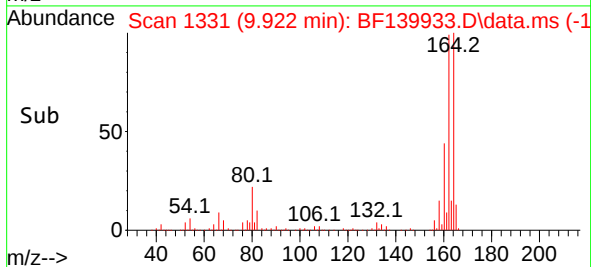
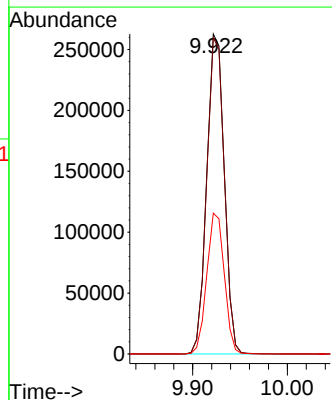
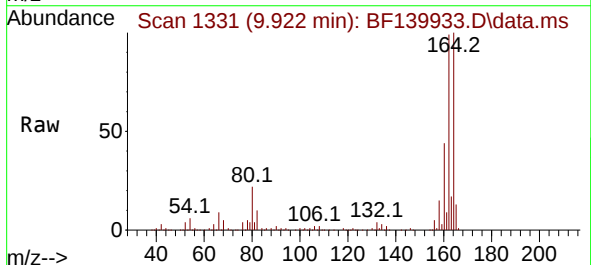
Instrument :
BNA_F
ClientSampleId :
280517

Tgt Ion: 82 Resp: 1109517
Ion Ratio Lower Upper
82 100
128 43.9 33.4 50.0
54 56.2 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: BF139933.D
Acq: 22 Oct 2024 17:29

Tgt Ion: 164 Resp: 337857
Ion Ratio Lower Upper
164 100
162 98.8 81.0 121.4
160 44.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 147.685 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139933.D

Acq: 22 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

280517

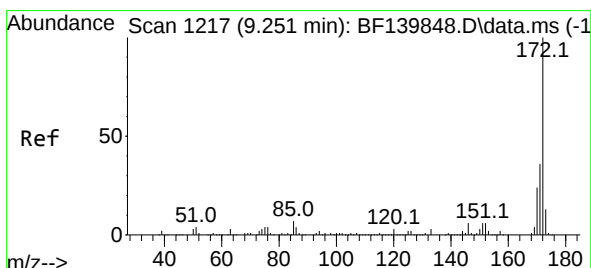
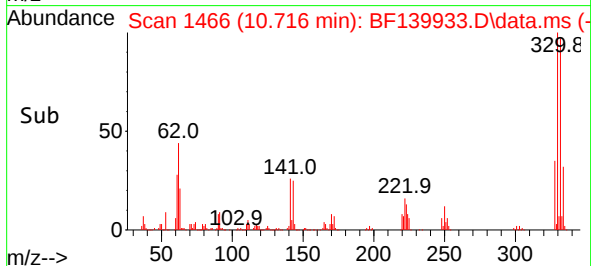
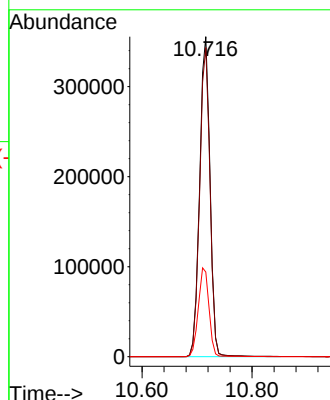
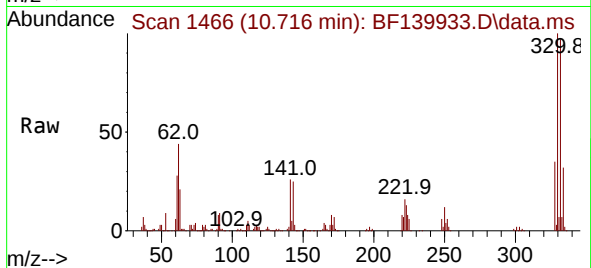
Tgt Ion:330 Resp: 466714

Ion Ratio Lower Upper

330 100

332 96.2 78.1 117.1

141 28.6 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 93.121 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139933.D

Acq: 22 Oct 2024 17:29

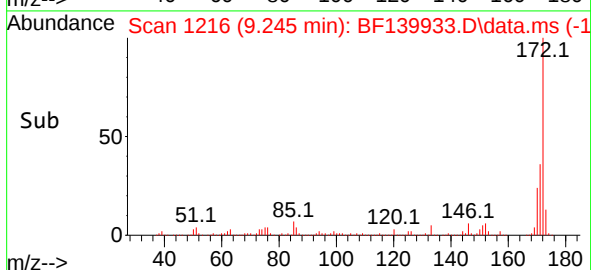
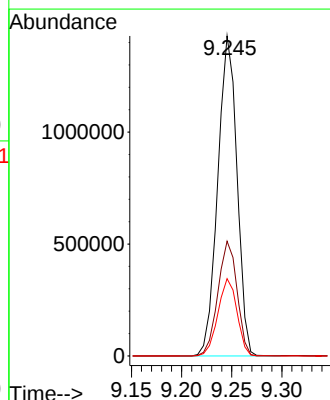
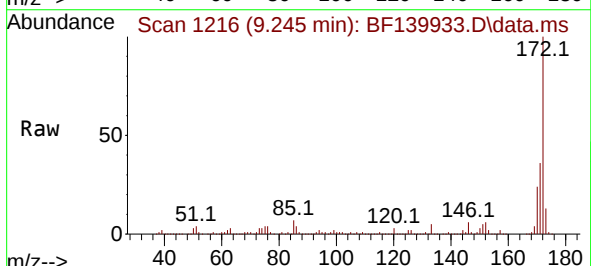
Tgt Ion:172 Resp: 1903656

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 24.1 19.1 28.7

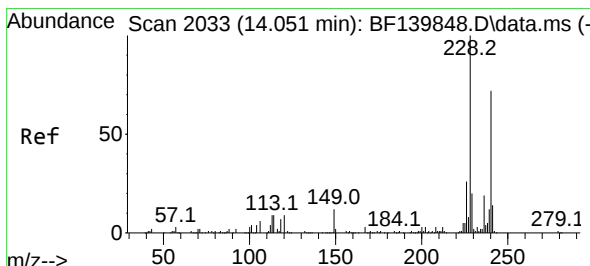
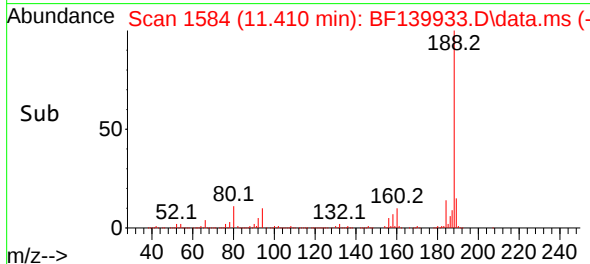
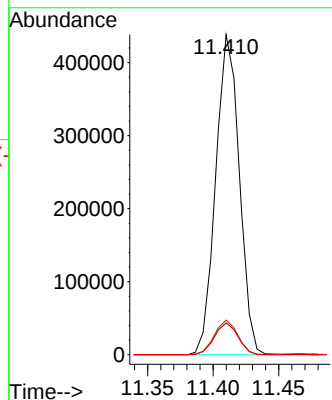
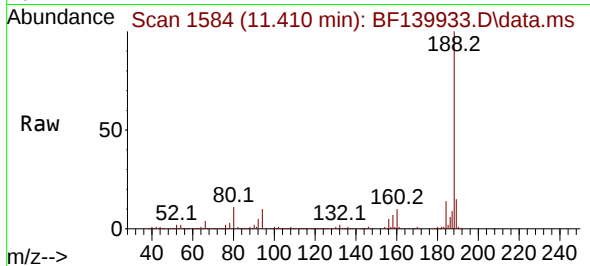




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139933.D
Acq: 22 Oct 2024 17:29

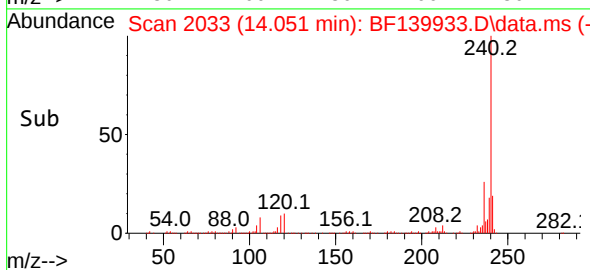
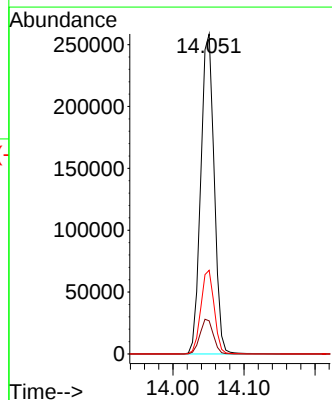
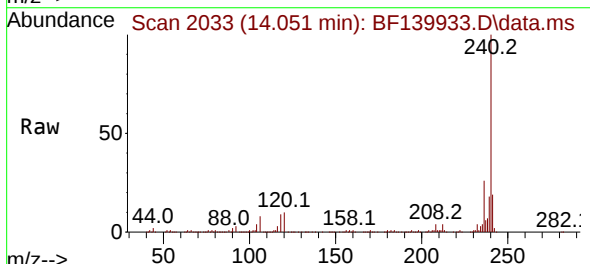
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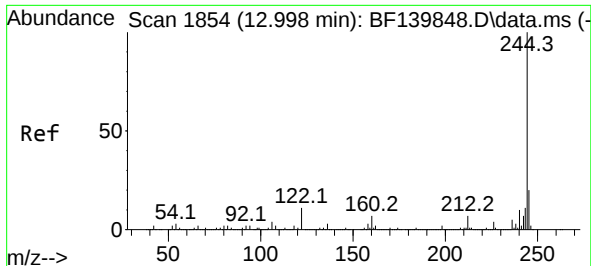
Tgt Ion:188 Resp: 547874
Ion Ratio Lower Upper
188 100
94 10.0 7.9 11.9
80 10.8 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139933.D
Acq: 22 Oct 2024 17:29

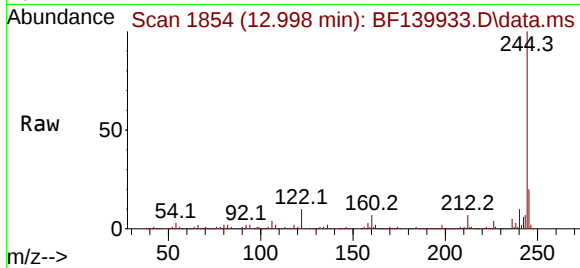
Tgt Ion:240 Resp: 340381
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.2
236 26.2 20.9 31.3



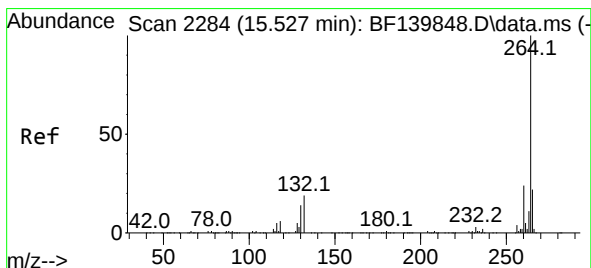
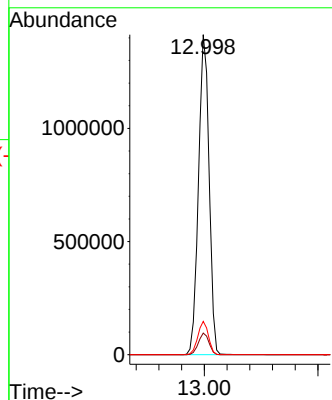
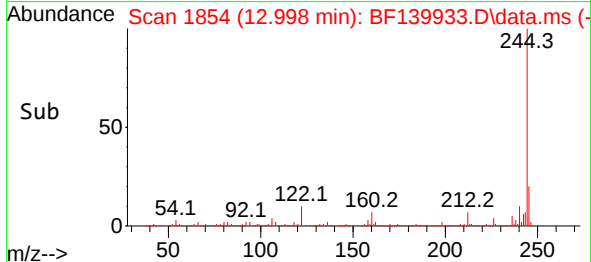


#79
 Terphenyl-d14
 Concen: 88.090 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139933.D
 Acq: 22 Oct 2024 17:29

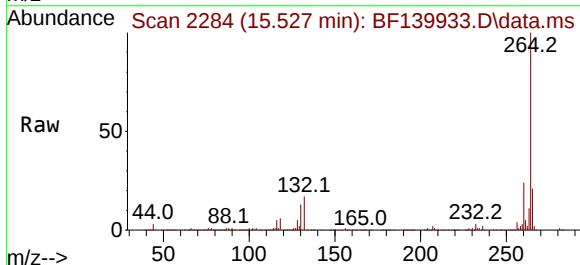
Instrument :
 BNA_F
 ClientSampleId :
 280517



Tgt Ion:244 Resp: 1840114
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.4 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: BF139933.D
 Acq: 22 Oct 2024 17:29



Tgt Ion:264 Resp: 368693
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.0 17.4 26.0

