

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090924\
Data File : BF139284.D
Acq On : 09 Sep 2024 15:48
Operator : RC/JU
Sample : P3888-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DN-W-02

Quant Time: Sep 09 16:12:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	112399	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	405555	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	203871	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	319431	20.000	ng	0.00
76) Chrysene-d12	14.045	240	189843	20.000	ng	0.00
86) Perylene-d12	15.521	264	155305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	774543	115.278	ng	0.00
7) Phenol-d6	6.510	99	1021785	113.916	ng	0.00
23) Nitrobenzene-d5	7.445	82	660858	84.772	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	197748	112.328	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1118251	84.670	ng	0.00
79) Terphenyl-d14	12.998	244	801405	68.158	ng	0.00

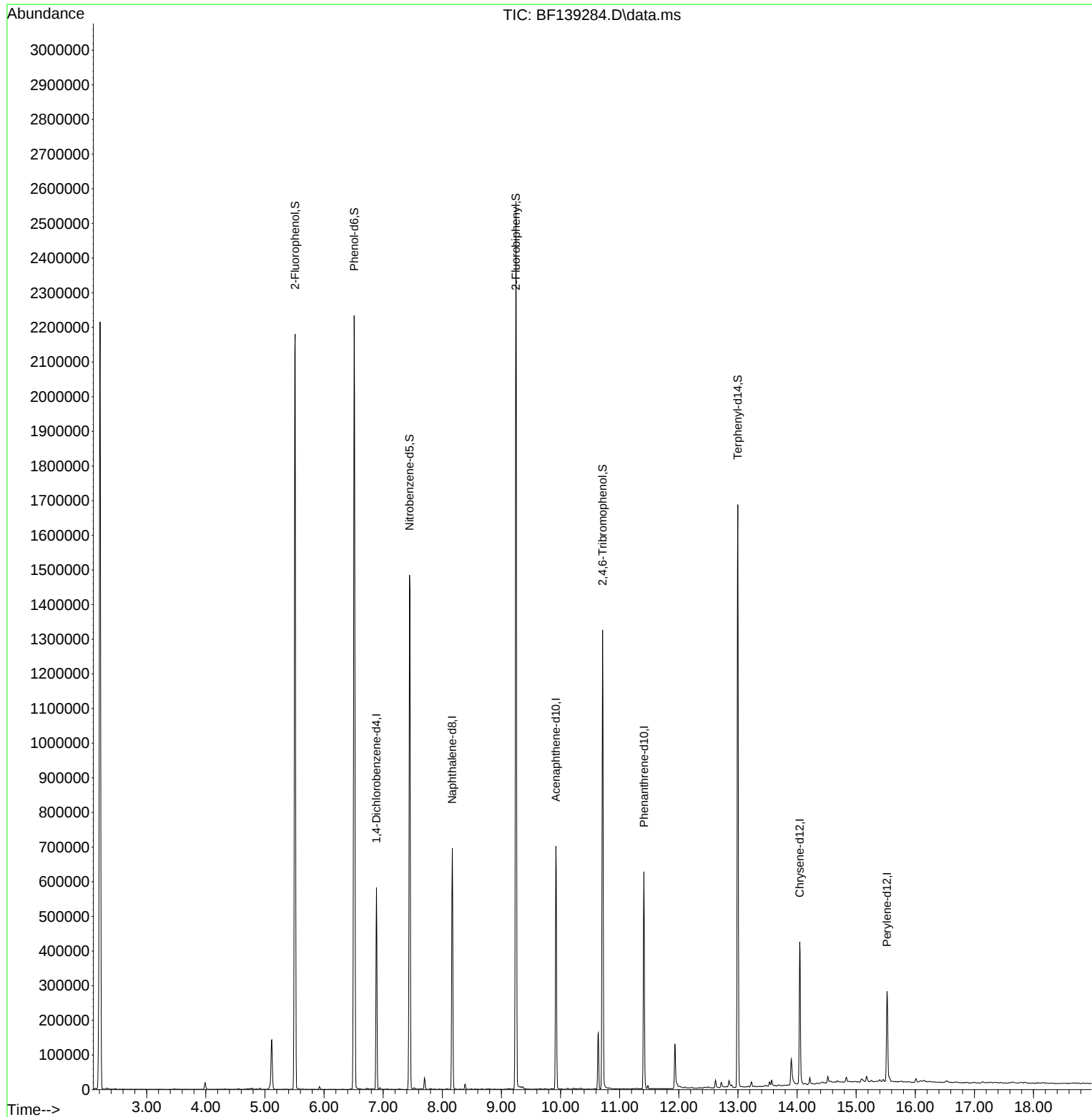
Target Compounds	Qvalue

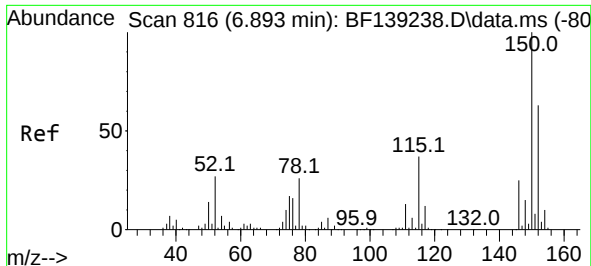
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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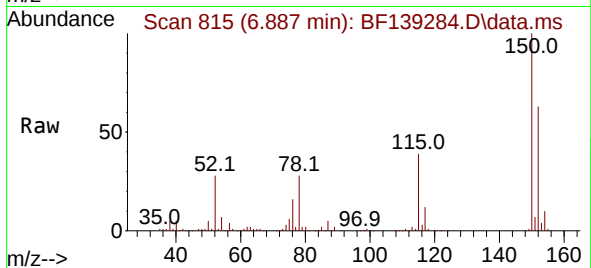
Quant Time: Sep 09 16:12:16 2024
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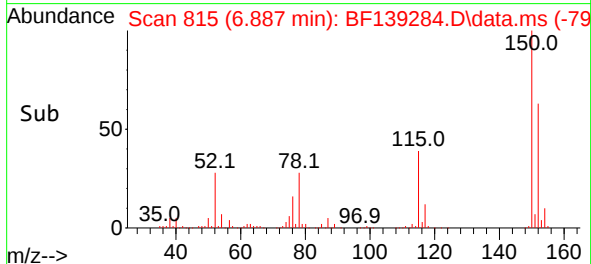
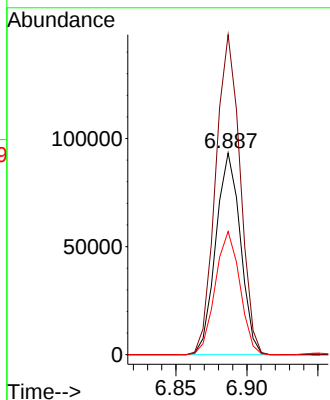


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139284.D
Acq: 09 Sep 2024 15:48

Instrument :
BNA_F
ClientSampleId :
DN-W-02

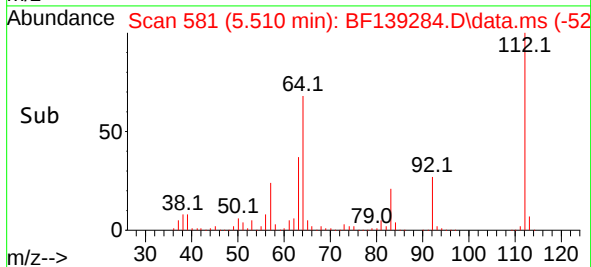
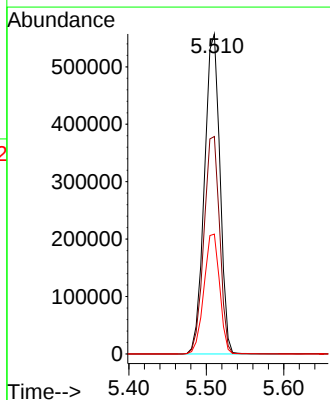
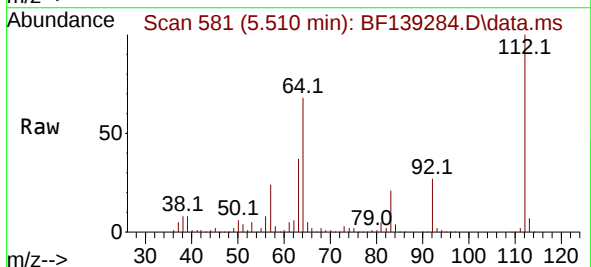


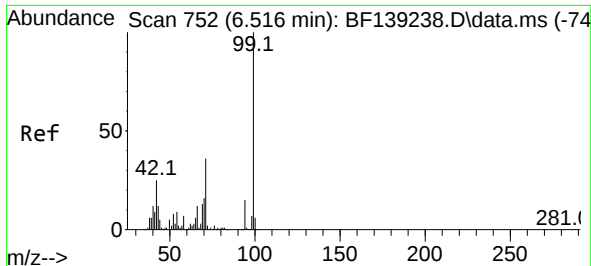
Tgt Ion:152 Resp: 112399
Ion Ratio Lower Upper
152 100
150 158.5 127.0 190.4
115 61.1 46.9 70.3



#5
2-Fluorophenol
Concen: 115.278 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF139284.D
Acq: 09 Sep 2024 15:48

Tgt Ion:112 Resp: 774543
Ion Ratio Lower Upper
112 100
64 68.0 55.0 82.4
63 37.5 29.9 44.9





#7
Phenol-d6
Concen: 113.916 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139284.D
Acq: 09 Sep 2024 15:48

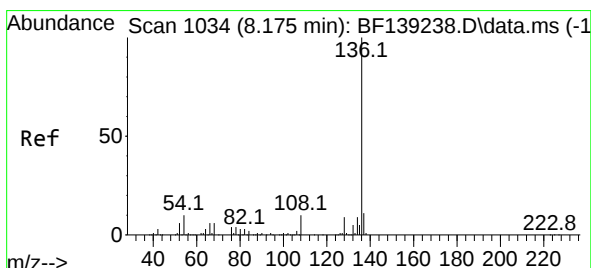
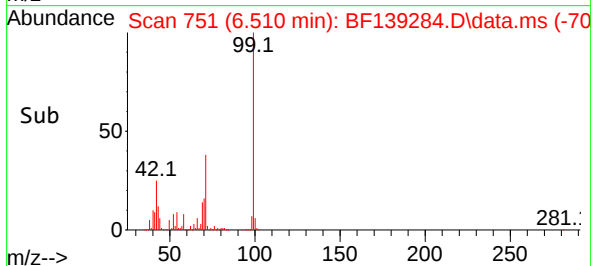
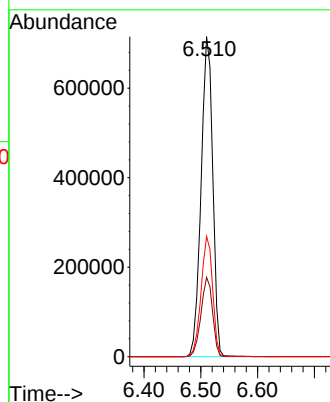
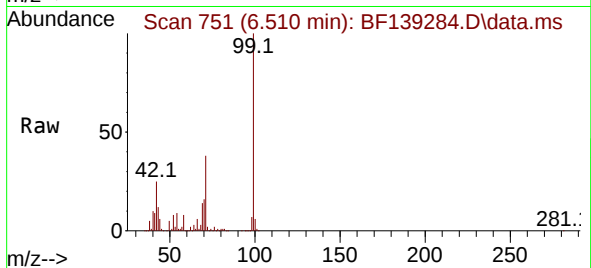
Instrument :

BNA_F

ClientSampleId :

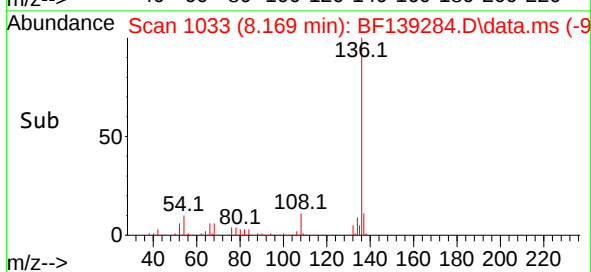
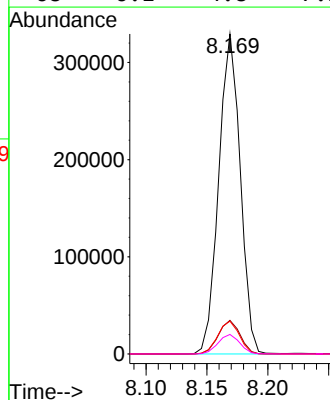
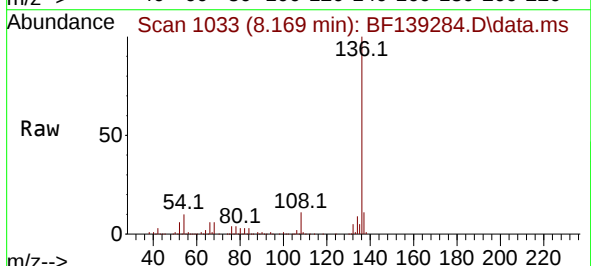
DN-W-02

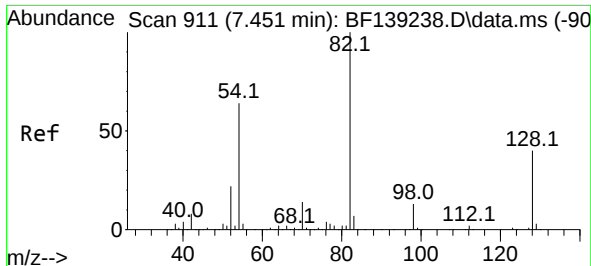
Tgt Ion: 99 Resp: 1021785
Ion Ratio Lower Upper
99 100
42 24.8 19.8 29.6
71 37.6 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139284.D
Acq: 09 Sep 2024 15:48

Tgt Ion: 136 Resp: 405555
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 10.2 8.4 12.6
68 6.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 84.772 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139284.D

Acq: 09 Sep 2024 15:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02

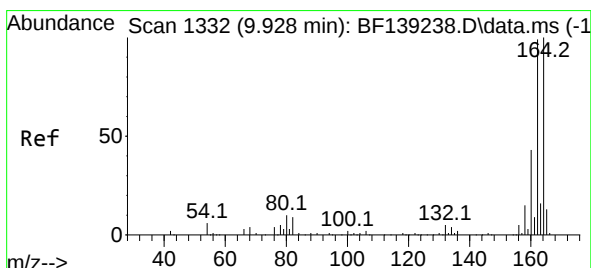
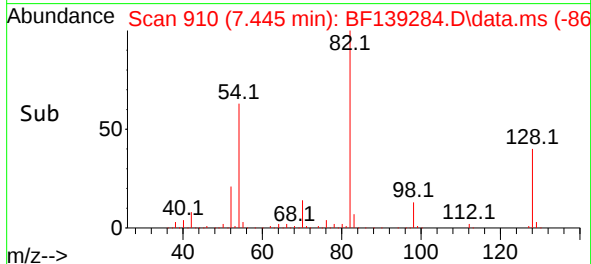
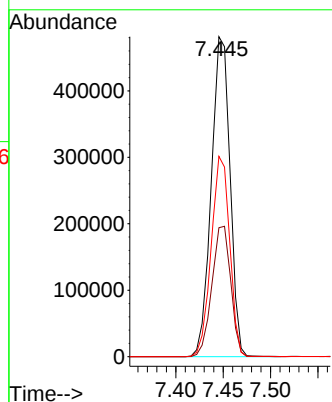
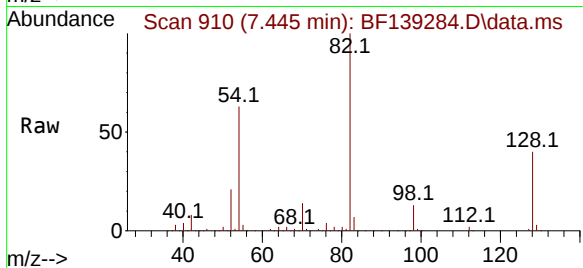
Tgt Ion: 82 Resp: 660858

Ion Ratio Lower Upper

82 100

128 40.3 32.3 48.5

54 62.6 51.2 76.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF139284.D

Acq: 09 Sep 2024 15:48

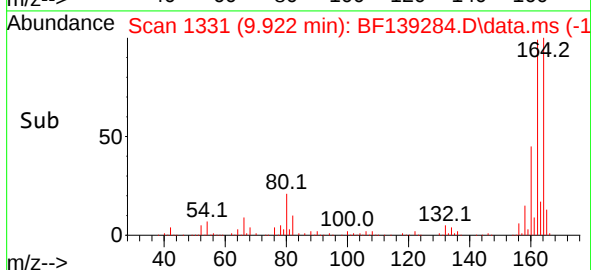
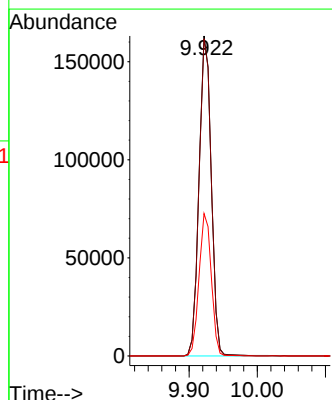
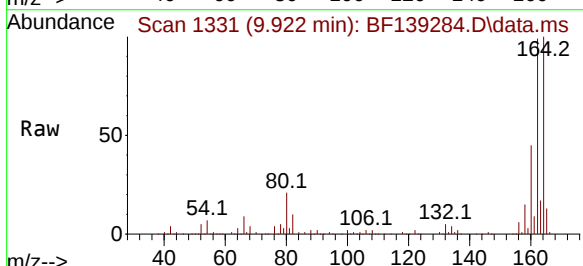
Tgt Ion:164 Resp: 203871

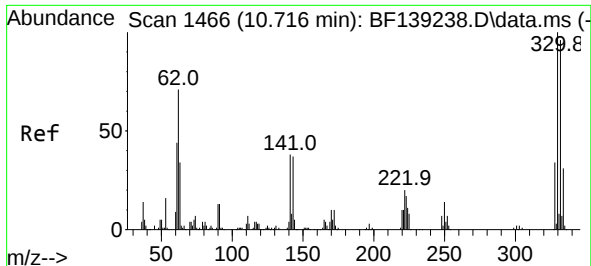
Ion Ratio Lower Upper

164 100

162 99.2 79.2 118.8

160 44.5 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 112.328 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139284.D

Acq: 09 Sep 2024 15:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02

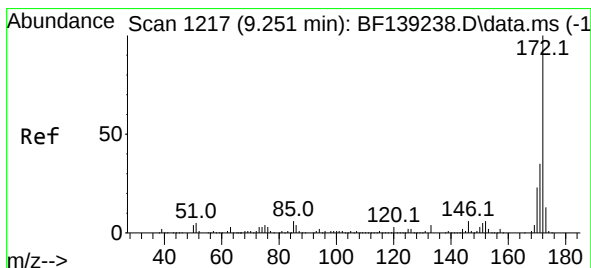
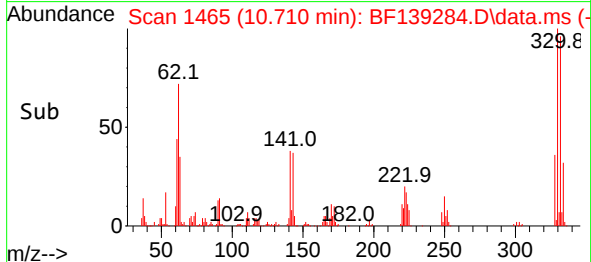
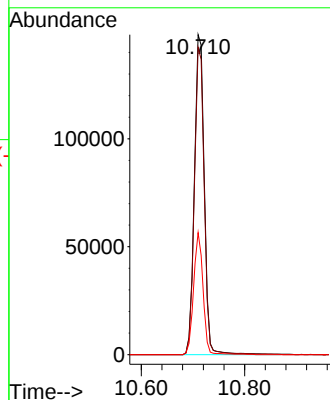
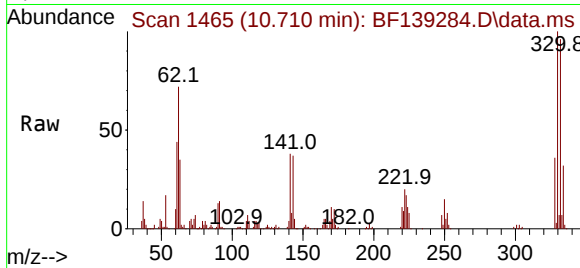
Tgt Ion:330 Resp: 197748

Ion Ratio Lower Upper

330 100

332 95.0 76.6 115.0

141 36.4 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 84.670 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139284.D

Acq: 09 Sep 2024 15:48

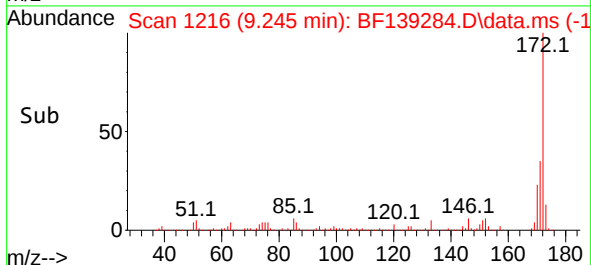
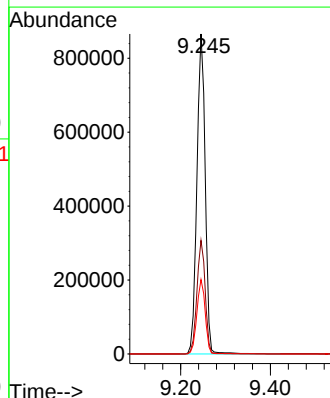
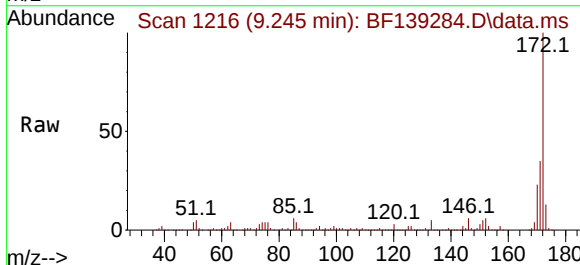
Tgt Ion:172 Resp: 1118251

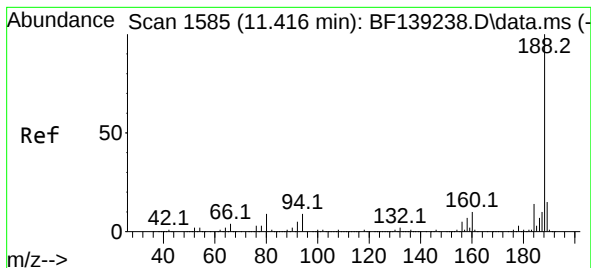
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139284.D

Acq: 09 Sep 2024 15:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02

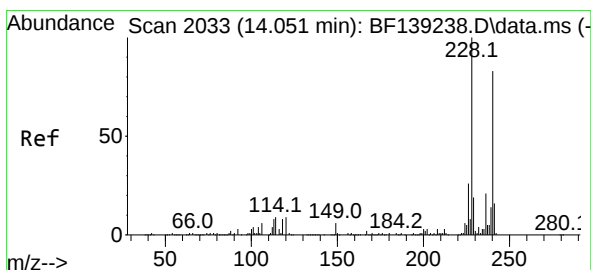
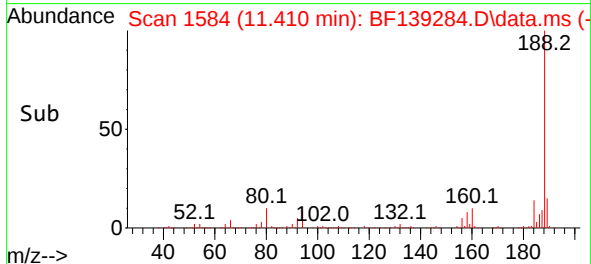
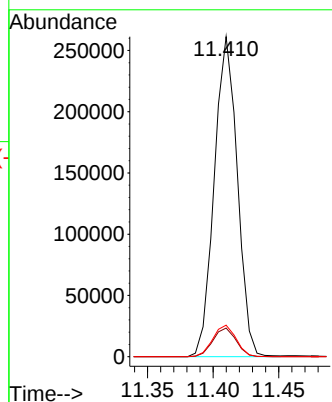
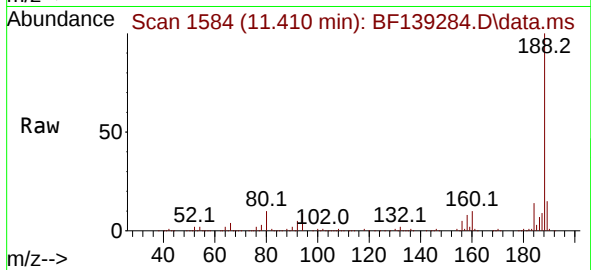
Tgt Ion:188 Resp: 319431

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

80 9.8 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF139284.D

Acq: 09 Sep 2024 15:48

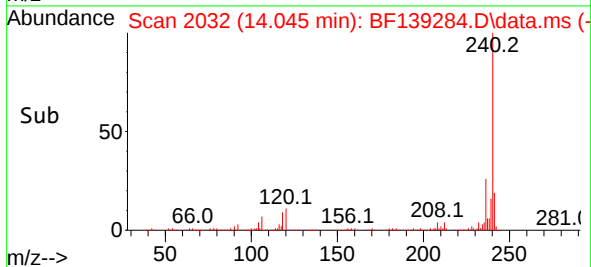
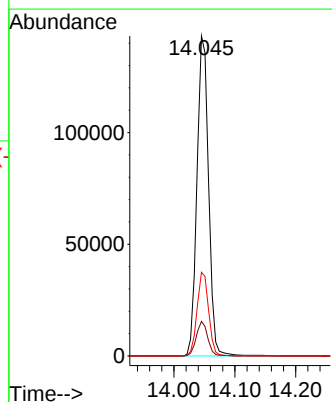
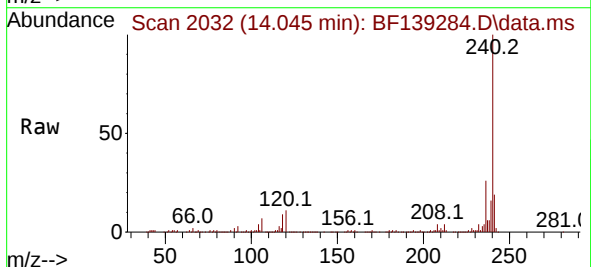
Tgt Ion:240 Resp: 189843

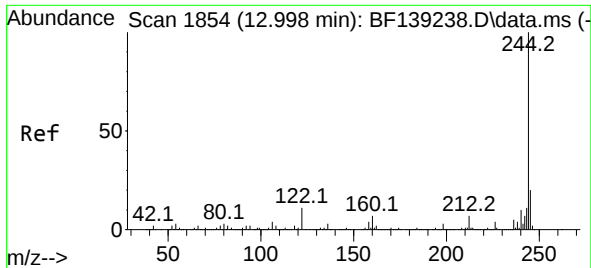
Ion Ratio Lower Upper

240 100

120 10.8 8.6 12.8

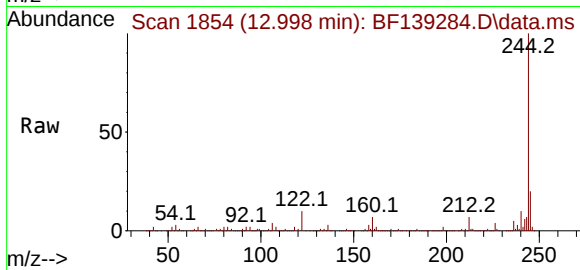
236 26.2 20.7 31.1



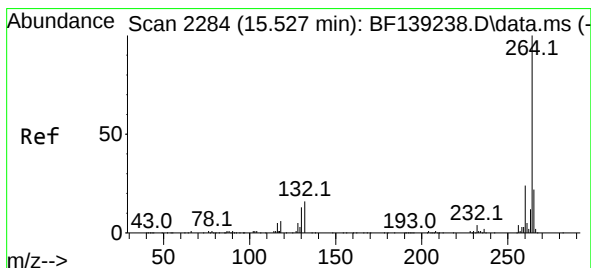
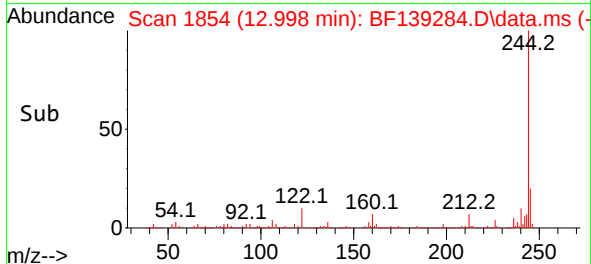
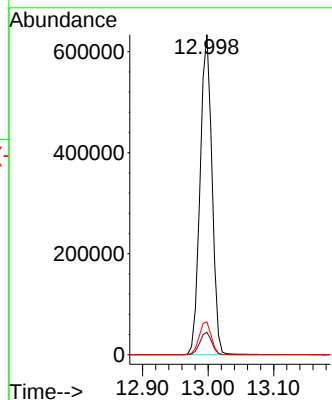


#79
Terphenyl-d14
Concen: 68.158 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139284.D
Acq: 09 Sep 2024 15:48

Instrument :
BNA_F
ClientSampleId :
DN-W-02



Tgt Ion:244 Resp: 801405
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 10.3 8.7 13.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF139284.D
Acq: 09 Sep 2024 15:48

Tgt Ion:264 Resp: 155305
Ion Ratio Lower Upper
264 100
260 22.2 18.8 28.2
265 21.5 17.3 25.9

