

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
 Data File : BF139632.D
 Acq On : 03 Oct 2024 15:37
 Operator : RC/JU
 Sample : P4235-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A1403

Quant Time: Oct 03 18:22:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	82321	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	306449	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	169039	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	302175	20.000	ng	0.00
76) Chrysene-d12	14.027	240	188679	20.000	ng	0.00
86) Perylene-d12	15.498	264	193223	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	367834	77.446	ng	0.00
7) Phenol-d6	6.493	99	299088	46.827	ng	-0.01
23) Nitrobenzene-d5	7.428	82	620322	102.487	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	223764	137.127	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1089128	98.913	ng	0.00
79) Terphenyl-d14	12.975	244	1078338	93.777	ng	0.00

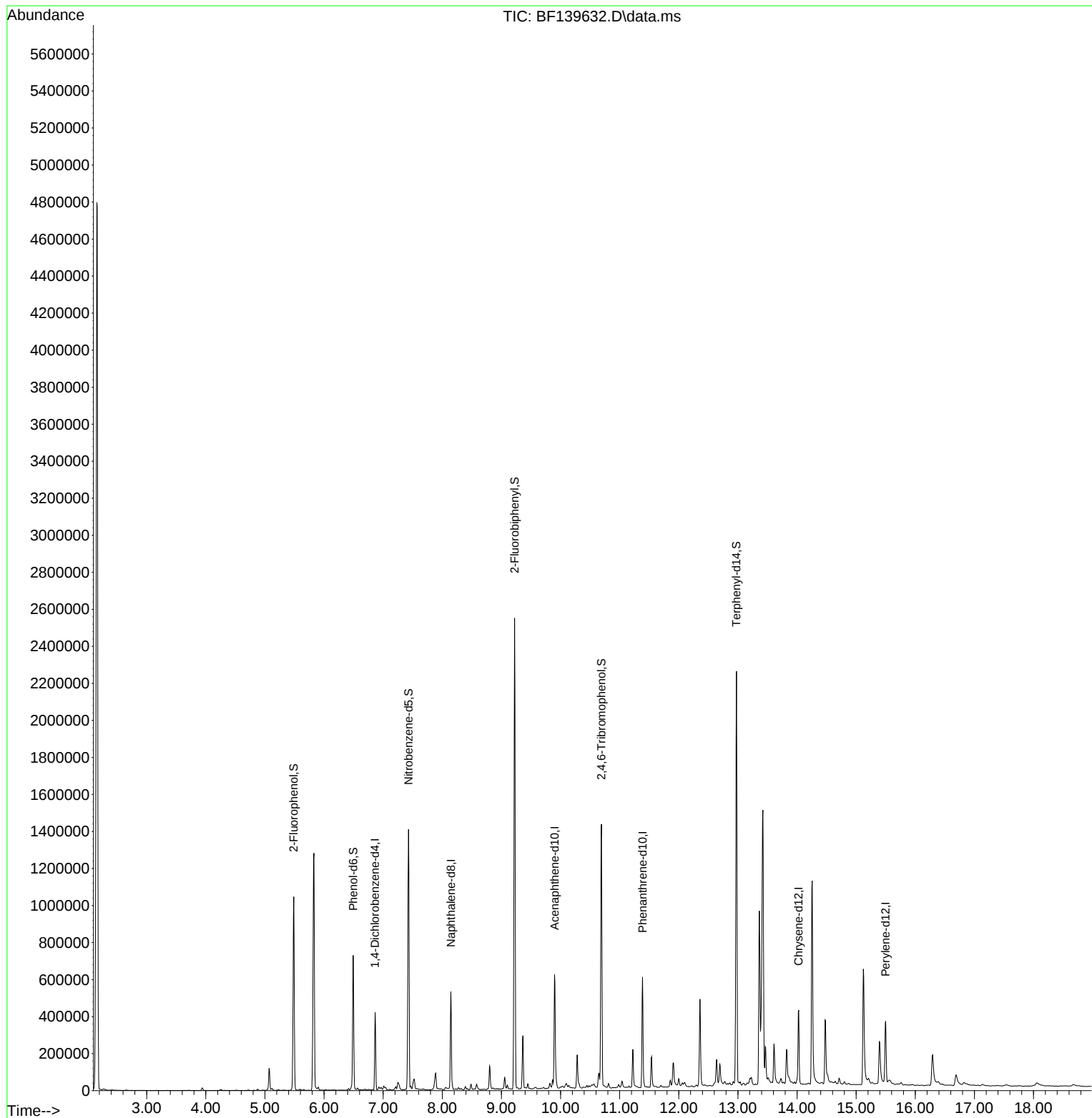
Target Compounds	Qvalue

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

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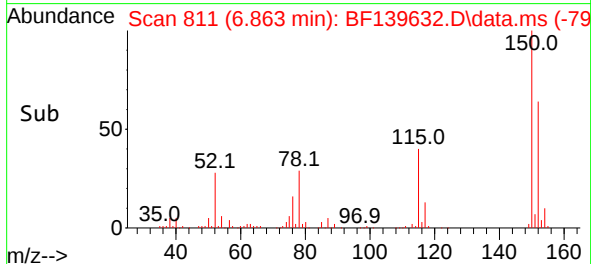
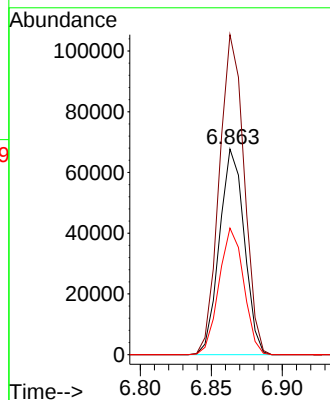
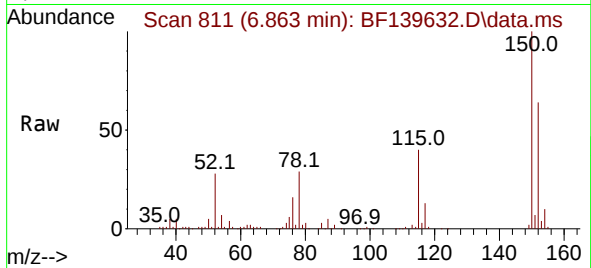




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139632.D
Acq: 03 Oct 2024 15:37

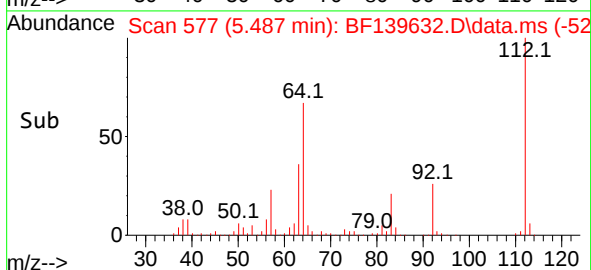
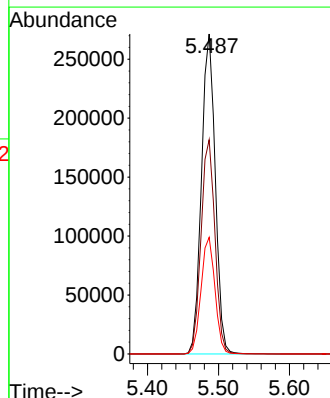
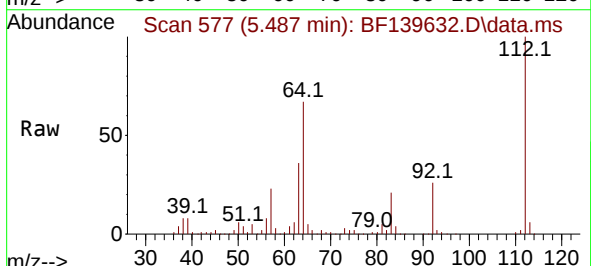
Instrument :
BNA_F
ClientSampleId :
A1403

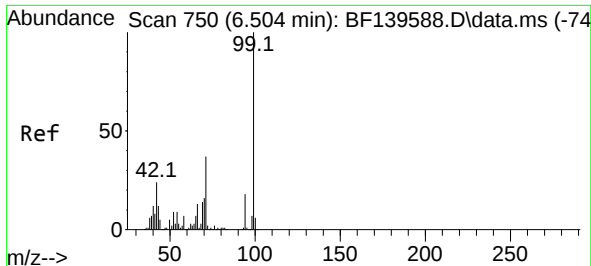
Tgt Ion:152 Resp: 82321
Ion Ratio Lower Upper
152 100
150 155.6 127.2 190.8
115 61.6 49.0 73.4



#5
2-Fluorophenol
Concen: 77.446 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139632.D
Acq: 03 Oct 2024 15:37

Tgt Ion:112 Resp: 367834
Ion Ratio Lower Upper
112 100
64 67.0 54.2 81.4
63 36.5 29.4 44.2

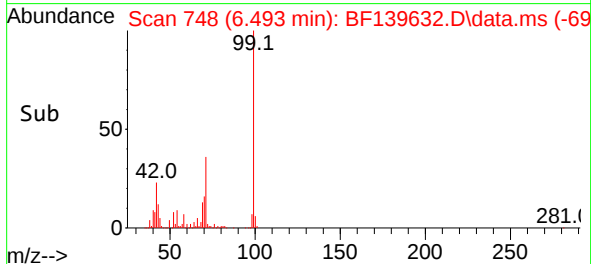
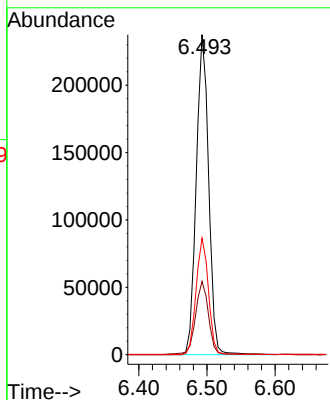
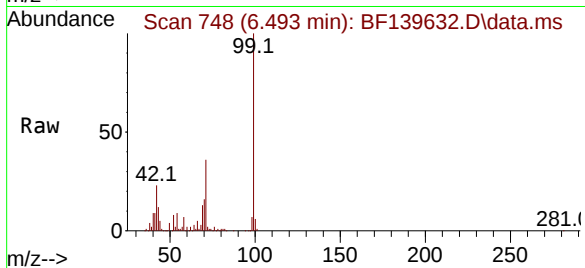




#7
Phenol-d6
Concen: 46.827 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139632.D
Acq: 03 Oct 2024 15:37

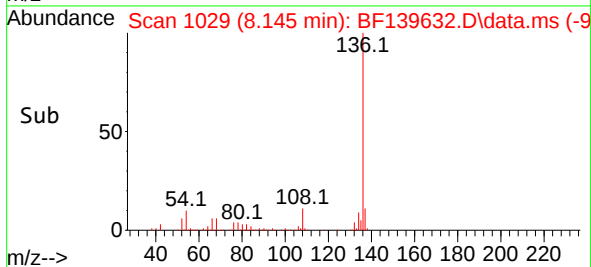
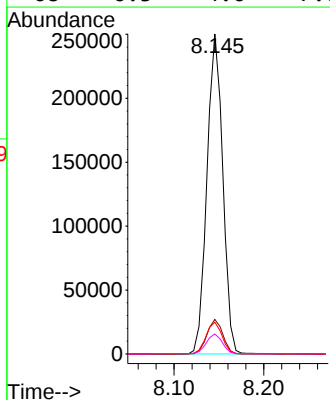
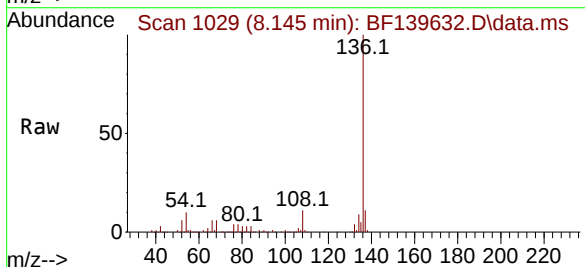
Instrument :
BNA_F
ClientSampleId :
A1403

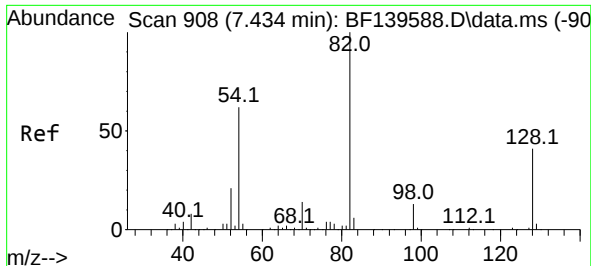
Tgt Ion: 99 Resp: 299088
Ion Ratio Lower Upper
99 100
42 22.9 19.1 28.7
71 36.4 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139632.D
Acq: 03 Oct 2024 15:37

Tgt Ion: 136 Resp: 306449
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.0 8.3 12.5
68 6.3 4.6 7.0





#23

Nitrobenzene-d5

Concen: 102.487 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF139632.D

Acq: 03 Oct 2024 15:37

Instrument :

BNA_F

ClientSampleId :

A1403

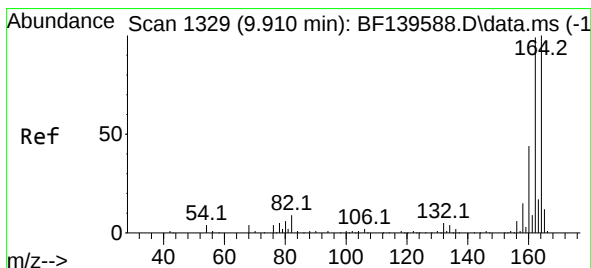
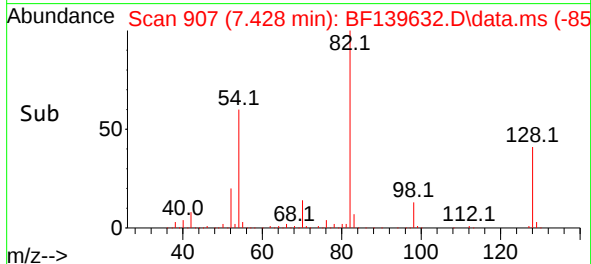
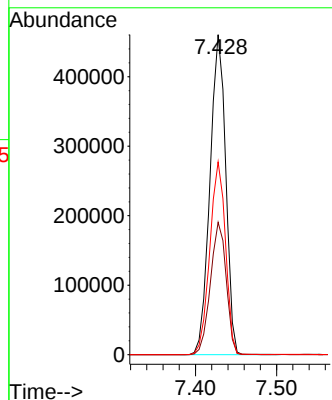
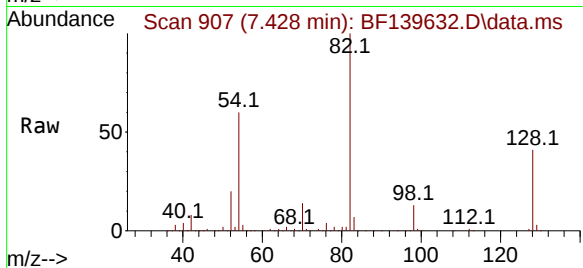
Tgt Ion: 82 Resp: 620322

Ion Ratio Lower Upper

82 100

128 41.4 32.4 48.6

54 60.3 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.012 min

Lab File: BF139632.D

Acq: 03 Oct 2024 15:37

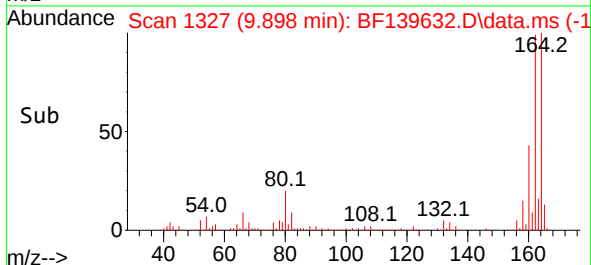
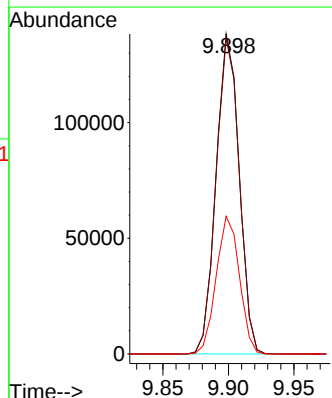
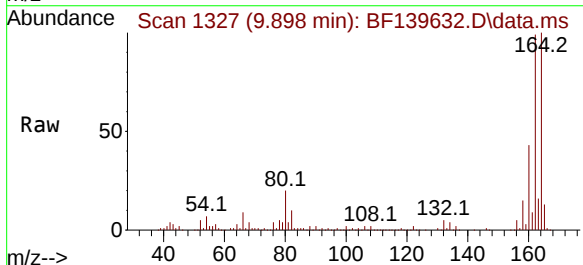
Tgt Ion:164 Resp: 169039

Ion Ratio Lower Upper

164 100

162 98.7 79.4 119.0

160 43.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 137.127 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139632.D

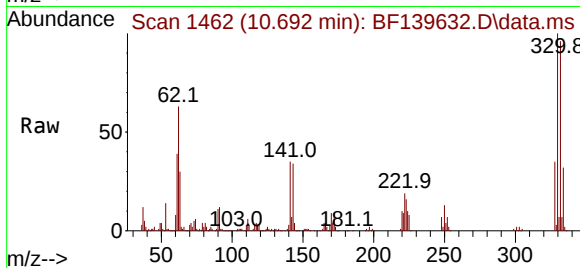
Acq: 03 Oct 2024 15:37

Instrument :

BNA_F

ClientSampleId :

A1403



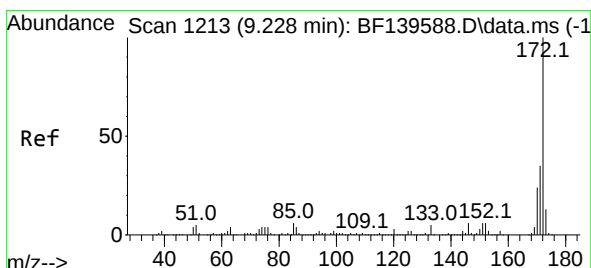
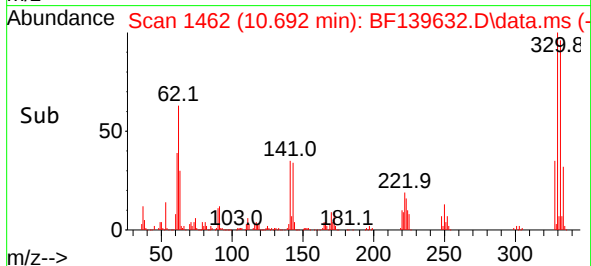
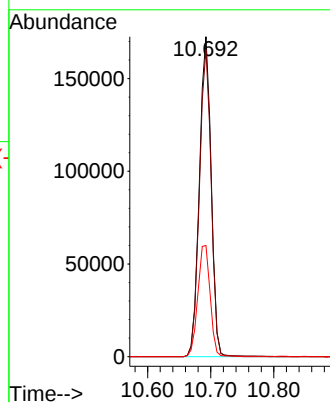
Tgt Ion:330 Resp: 223764

Ion Ratio Lower Upper

330 100

332 95.9 76.5 114.7

141 36.3 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 98.913 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139632.D

Acq: 03 Oct 2024 15:37

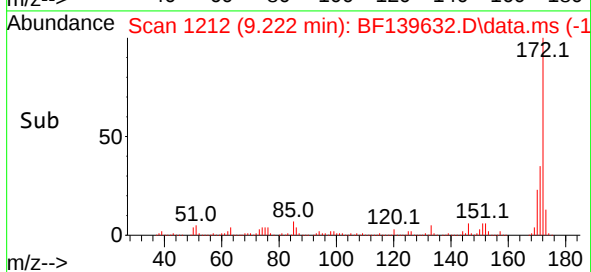
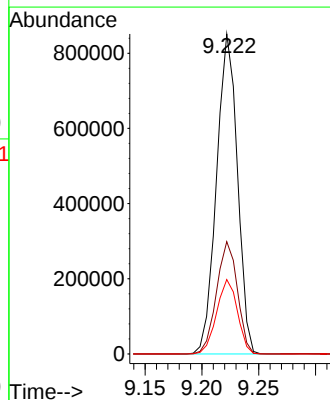
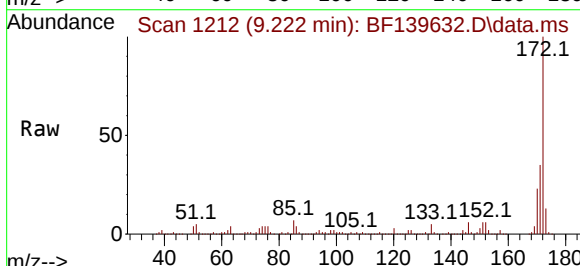
Tgt Ion:172 Resp: 1089128

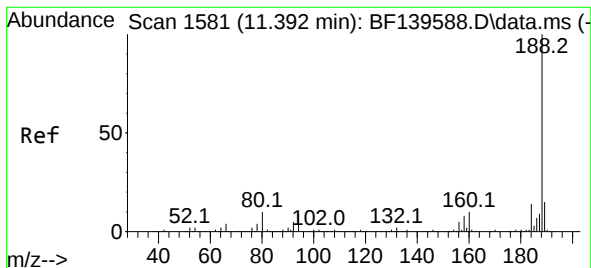
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.2 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139632.D

Acq: 03 Oct 2024 15:37

Instrument :

BNA_F

ClientSampleId :

A1403

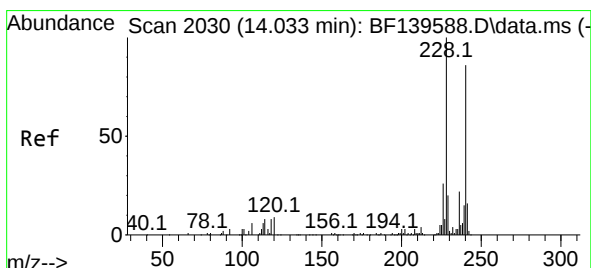
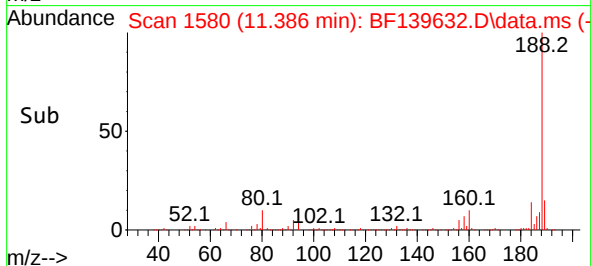
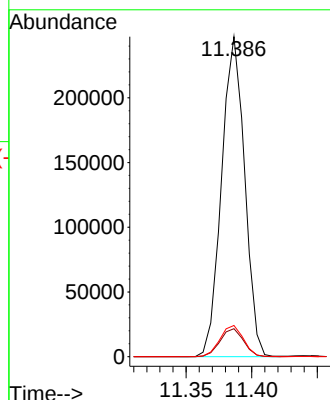
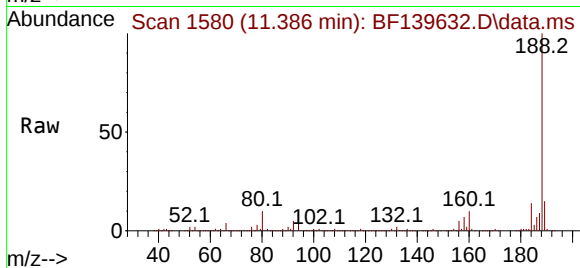
Tgt Ion:188 Resp: 302175

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

80 9.8 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139632.D

Acq: 03 Oct 2024 15:37

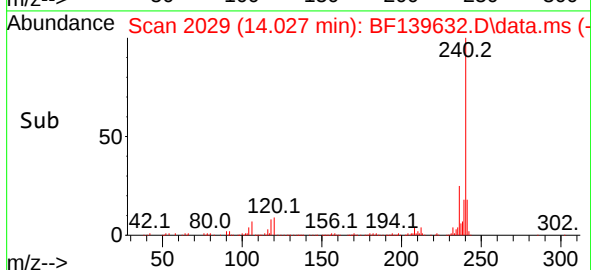
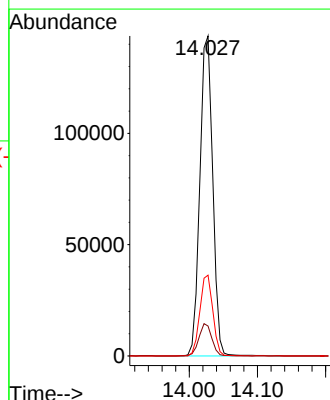
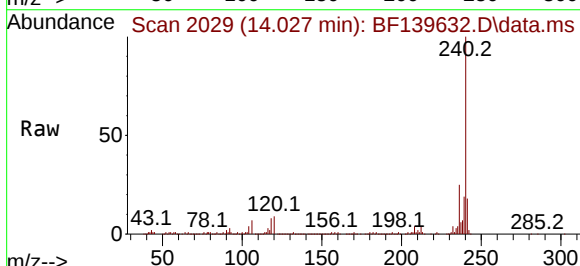
Tgt Ion:240 Resp: 188679

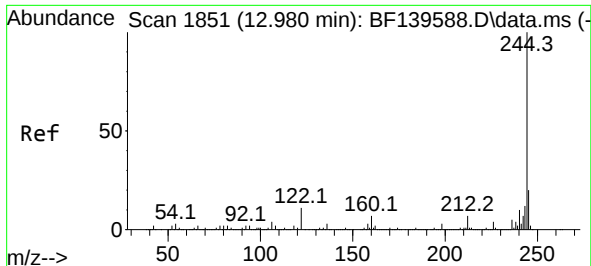
Ion Ratio Lower Upper

240 100

120 9.4 8.4 12.6

236 25.2 20.3 30.5

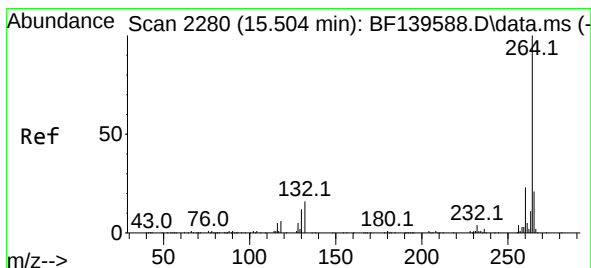
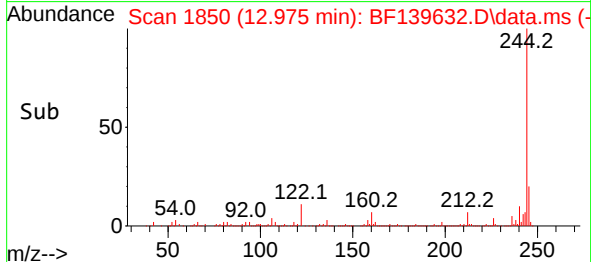
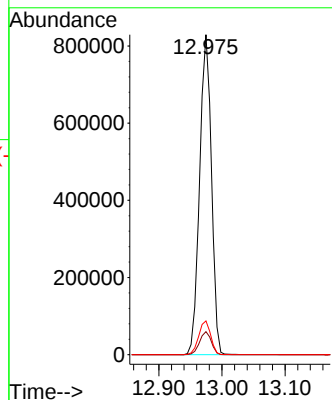
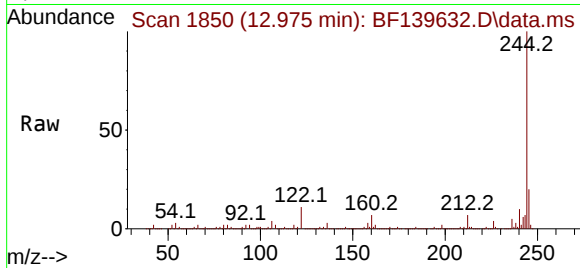




#79
 Terphenyl-d14
 Concen: 93.777 ng
 RT: 12.975 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BF139632.D
 Acq: 03 Oct 2024 15:37

Instrument :
 BNA_F
 ClientSampleId :
 A1403

Tgt Ion:244 Resp: 1078338
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 10.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF139632.D
 Acq: 03 Oct 2024 15:37

Tgt Ion:264 Resp: 193223
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.3 16.9 25.3

