

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139014.D
 Acq On : 15 Aug 2024 10:46
 Operator : RC/JU
 Sample : PB162590TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162590TB

Quant Time: Aug 15 11:42:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	40673	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	162777	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	92653	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	174991	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	100722	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	77337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	323845	122.908	ng	0.00
7) Phenol-d6	6.487	99	422292	119.374	ng	0.00
23) Nitrobenzene-d5	7.404	82	280142	84.143	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	97735	128.776	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	511098	82.882	ng	-0.02
79) Terphenyl-d14	12.939	244	606677	100.846	ng	0.00

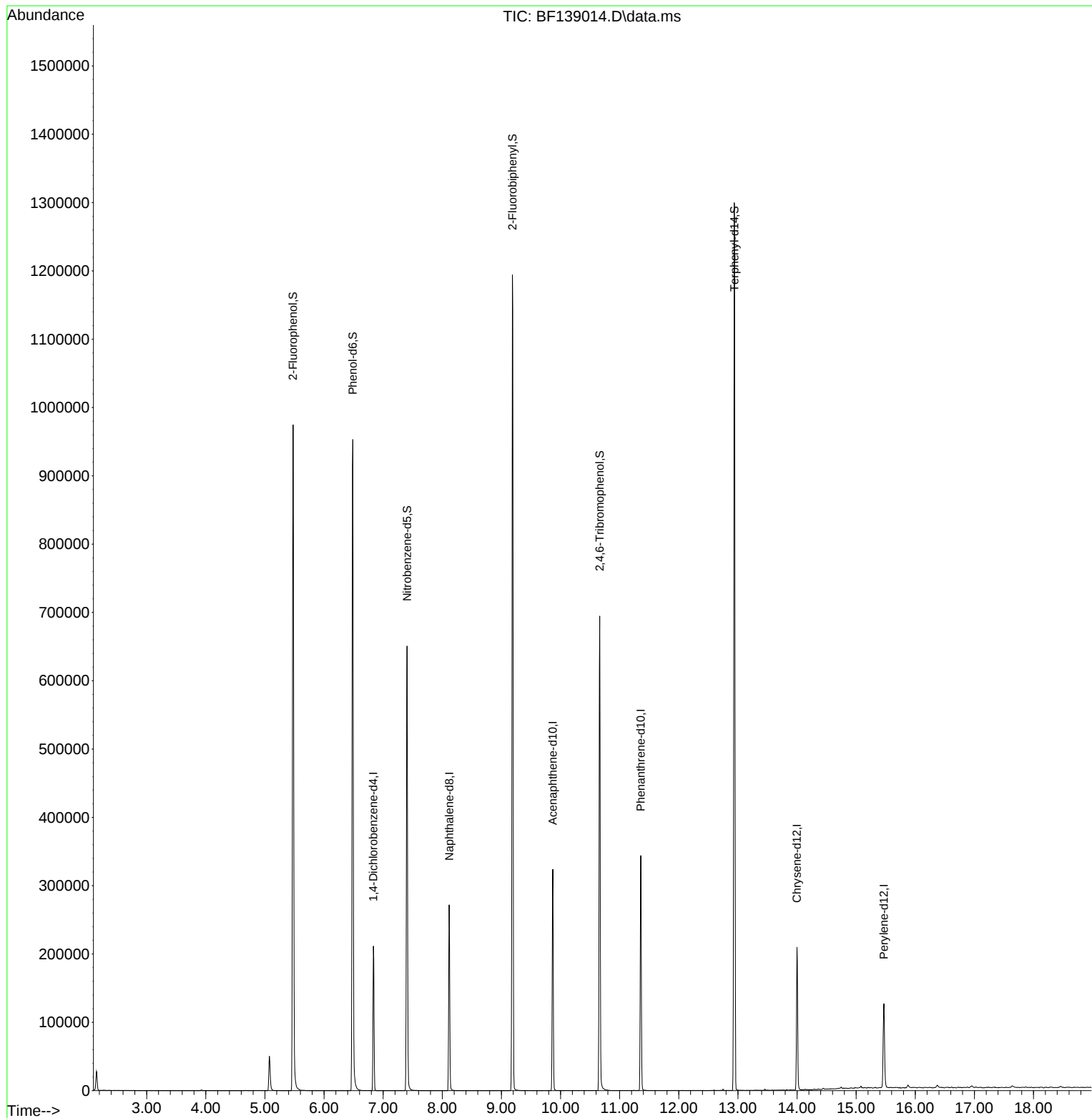
Target Compounds	Qvalue

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

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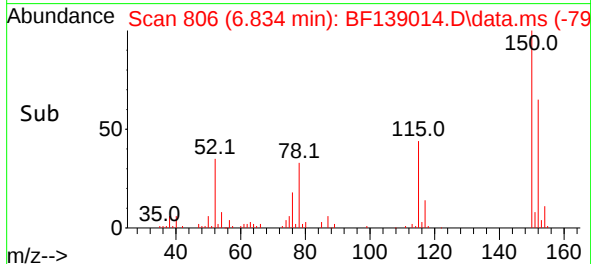
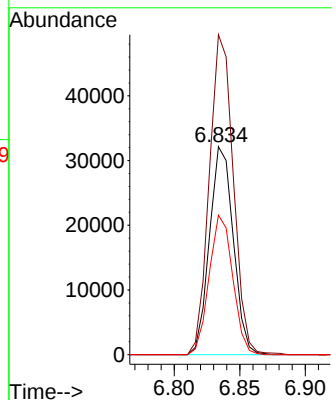
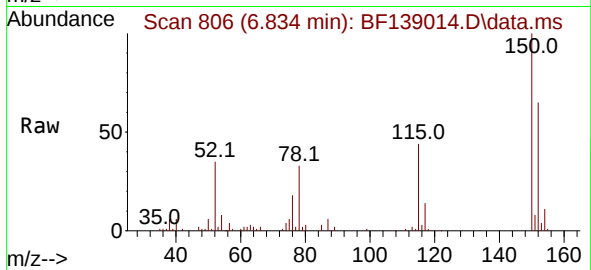




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139014.D
Acq: 15 Aug 2024 10:46

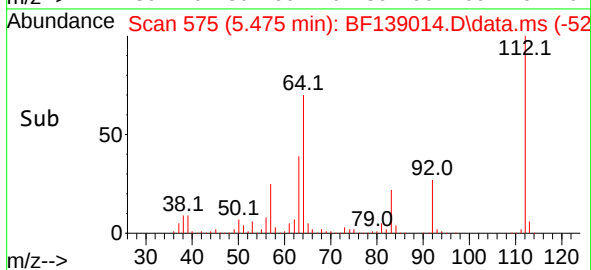
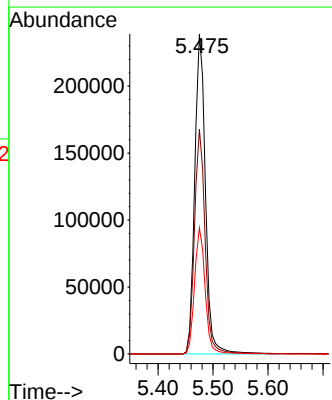
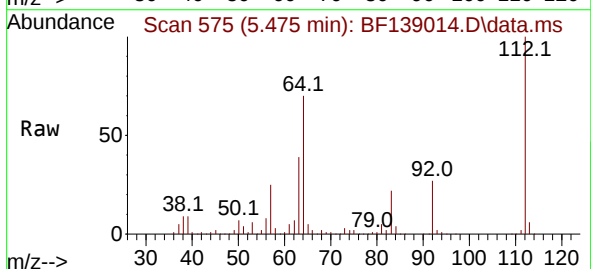
Instrument :
BNA_F
ClientSampleId :
PB162590TB

Tgt Ion:152 Resp: 40673
Ion Ratio Lower Upper
152 100
150 153.9 126.0 189.0
115 67.1 51.7 77.5



#5
2-Fluorophenol
Concen: 122.908 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF139014.D
Acq: 15 Aug 2024 10:46

Tgt Ion:112 Resp: 323845
Ion Ratio Lower Upper
112 100
64 70.2 54.2 81.4
63 39.4 28.7 43.1

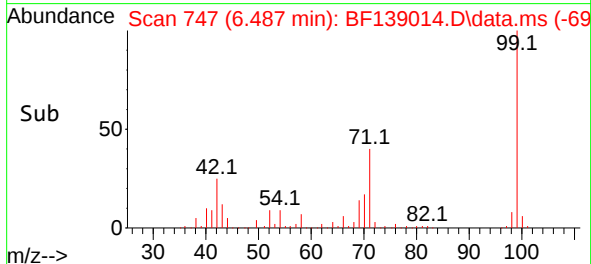
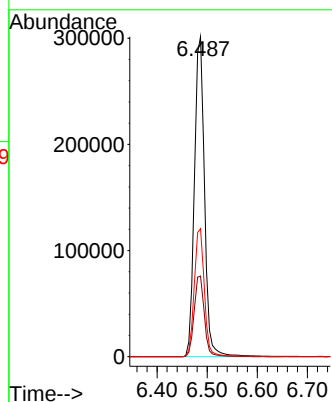
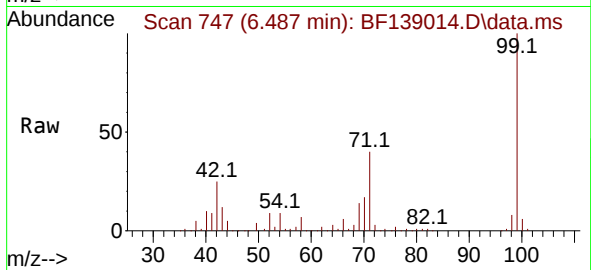




#7
Phenol-d6
Concen: 119.374 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF139014.D
Acq: 15 Aug 2024 10:46

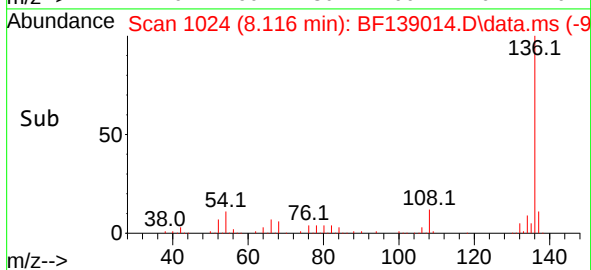
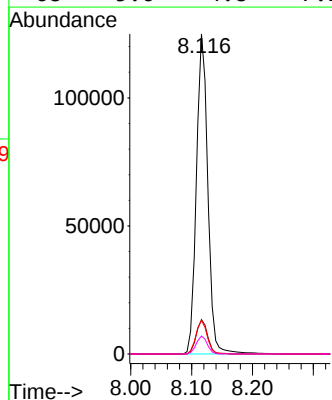
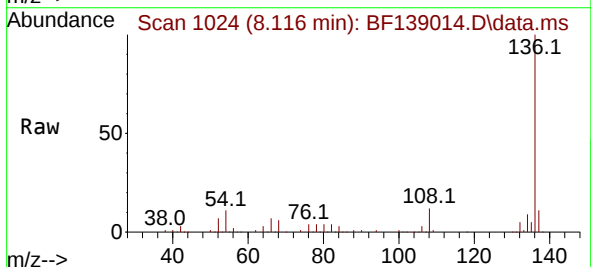
Instrument :
BNA_F
ClientSampleId :
PB162590TB

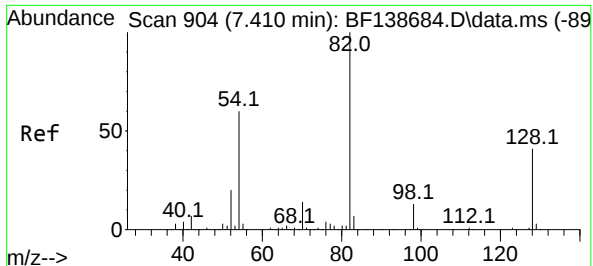
Tgt Ion: 99 Resp: 422292
Ion Ratio Lower Upper
99 100
42 25.2 17.4 26.0
71 40.0 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139014.D
Acq: 15 Aug 2024 10:46

Tgt Ion: 136 Resp: 162777
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 10.5 8.6 12.8
68 5.6 4.8 7.2





#23

Nitrobenzene-d5

Concen: 84.143 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF139014.D

Acq: 15 Aug 2024 10:46

Instrument :

BNA_F

ClientSampleId :

PB162590TB

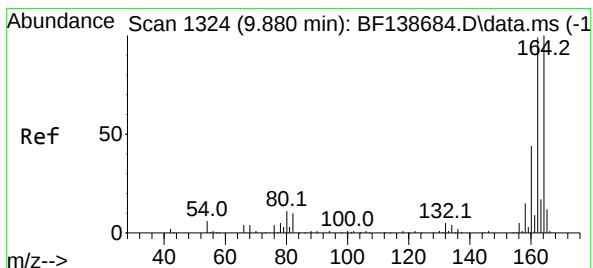
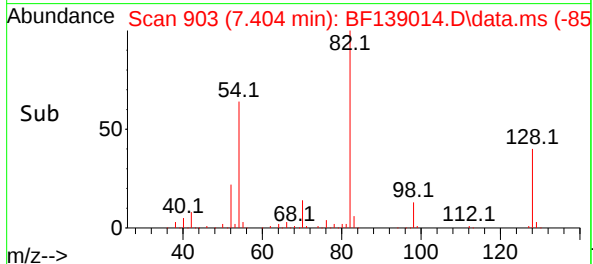
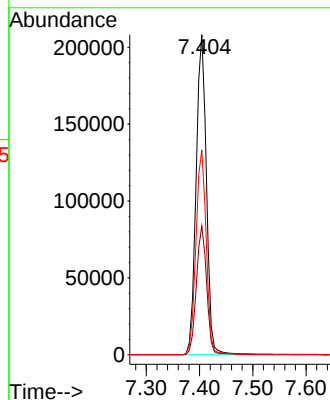
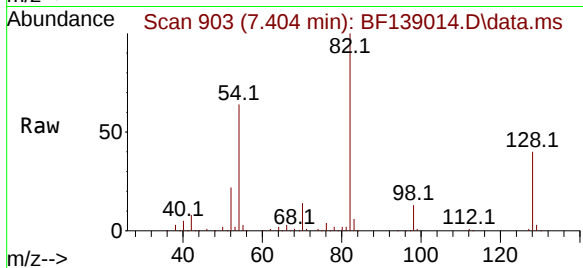
Tgt Ion: 82 Resp: 280142

Ion Ratio Lower Upper

82 100

128 40.3 32.8 49.2

54 64.0 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.011 min

Lab File: BF139014.D

Acq: 15 Aug 2024 10:46

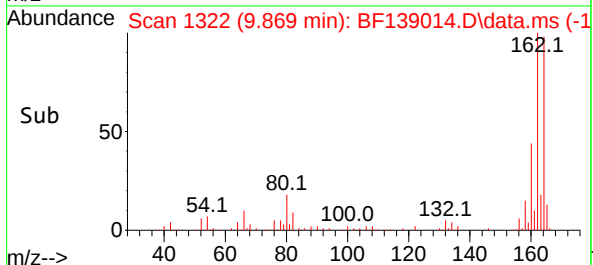
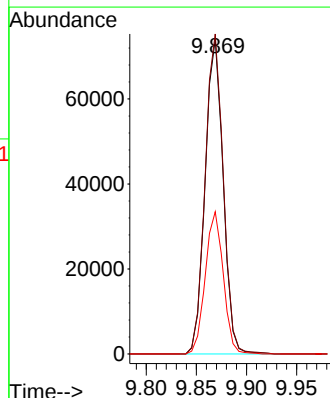
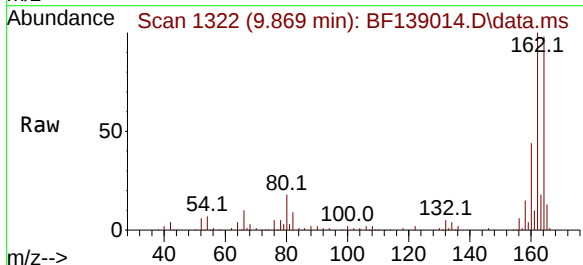
Tgt Ion:164 Resp: 92653

Ion Ratio Lower Upper

164 100

162 101.8 79.4 119.0

160 45.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 128.776 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF139014.D

Acq: 15 Aug 2024 10:46

Instrument :

BNA_F

ClientSampleId :

PB162590TB

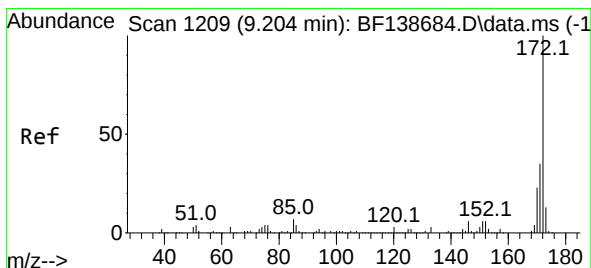
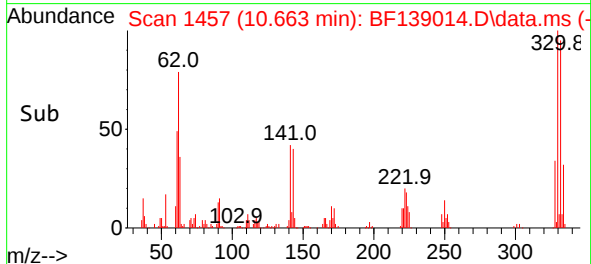
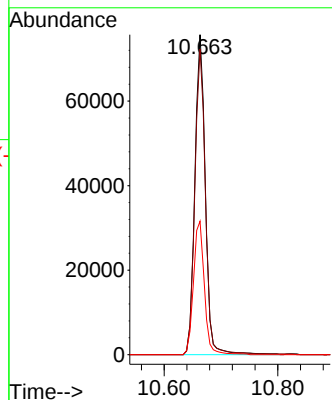
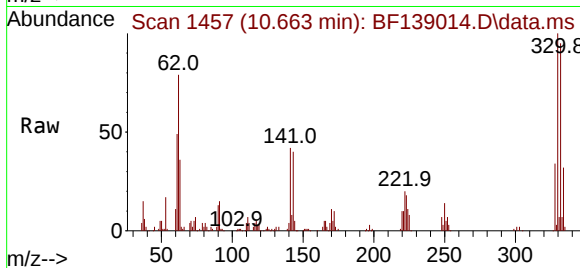
Tgt Ion:330 Resp: 97735

Ion Ratio Lower Upper

330 100

332 96.2 76.4 114.6

141 43.3 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 82.882 ng

RT: 9.187 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139014.D

Acq: 15 Aug 2024 10:46

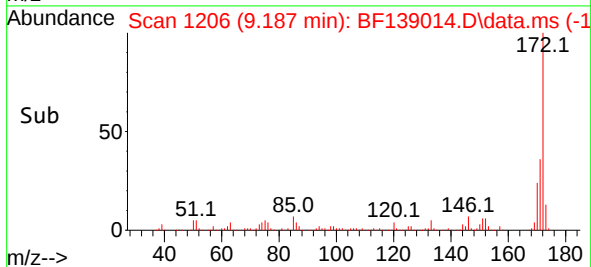
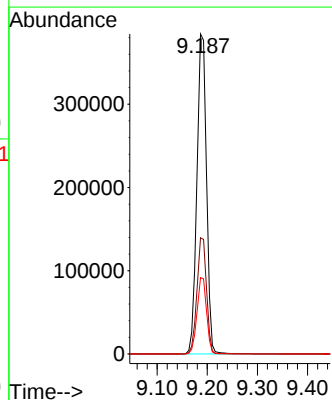
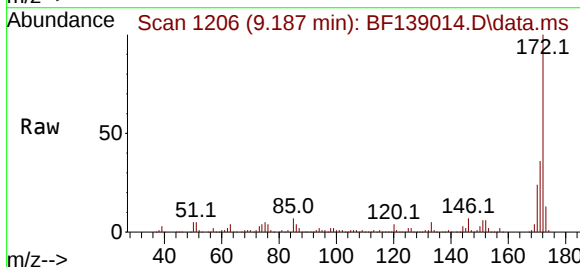
Tgt Ion:172 Resp: 511098

Ion Ratio Lower Upper

172 100

171 36.3 28.3 42.5

170 23.8 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139014.D

Acq: 15 Aug 2024 10:46

Instrument :

BNA_F

ClientSampleId :

PB162590TB

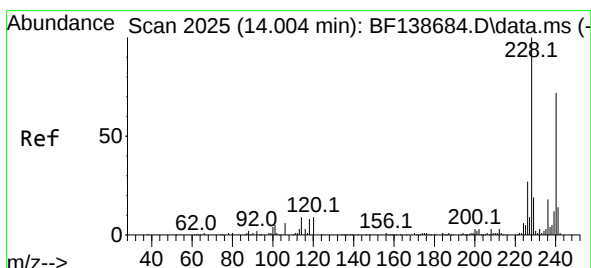
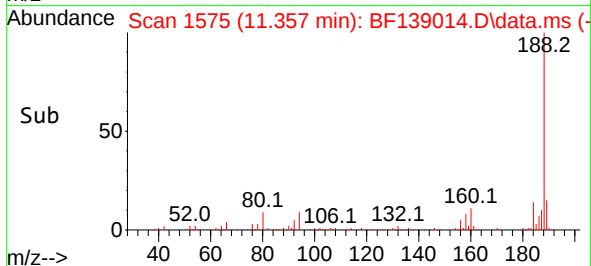
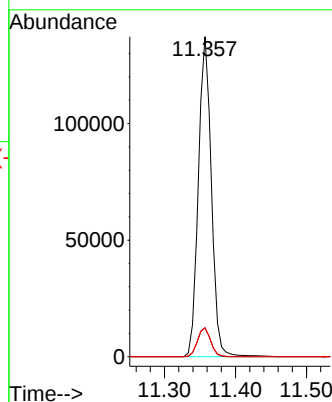
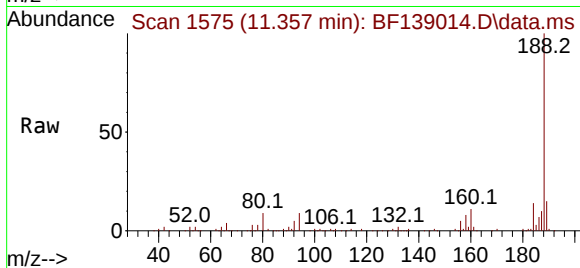
Tgt Ion:188 Resp: 174991

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 9.1 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF139014.D

Acq: 15 Aug 2024 10:46

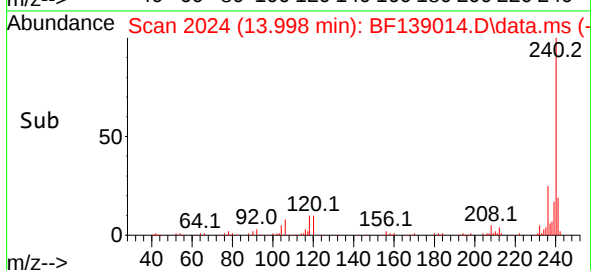
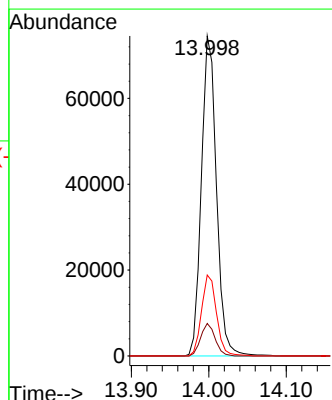
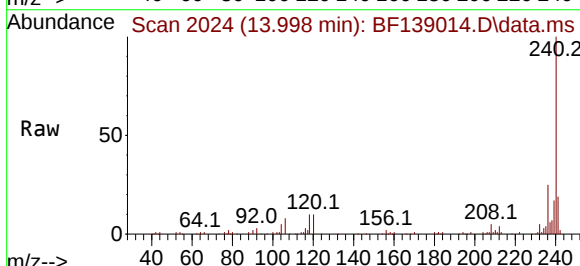
Tgt Ion:240 Resp: 100722

Ion Ratio Lower Upper

240 100

120 10.2 10.2 15.4#

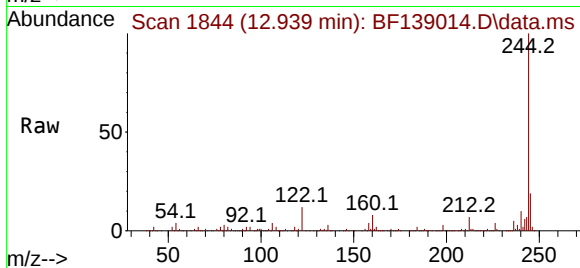
236 25.3 19.8 29.8



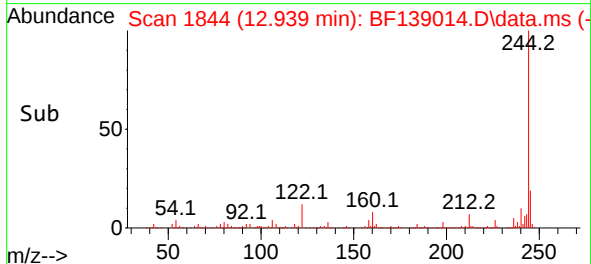
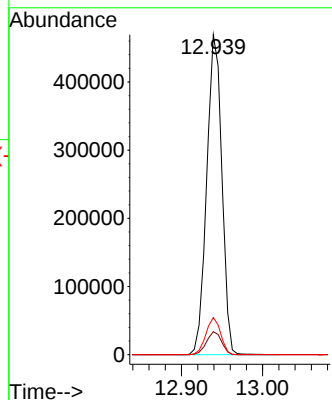


#79
Terphenyl-d14
Concen: 100.846 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF139014.D
Acq: 15 Aug 2024 10:46

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 606677
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 11.6 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF139014.D
Acq: 15 Aug 2024 10:46

Tgt Ion:264 Resp: 77337
Ion Ratio Lower Upper
264 100
260 22.3 19.0 28.6
265 21.4 17.0 25.6

