

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139141.D
 Acq On : 23 Aug 2024 12:11
 Operator : RC/JU
 Sample : PB162890TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162890TB

Quant Time: Aug 23 12:54:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	85509	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	318468	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	189272	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	353792	20.000	ng	0.00
76) Chrysene-d12	14.057	240	257950	20.000	ng	0.00
86) Perylene-d12	15.533	264	178847	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	699566	125.869	ng	0.02
7) Phenol-d6	6.522	99	927209	129.111	ng	0.00
23) Nitrobenzene-d5	7.457	82	618399	113.148	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	271378	158.381	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1094068	91.712	ng	0.00
79) Terphenyl-d14	13.010	244	1465448	94.267	ng	0.00

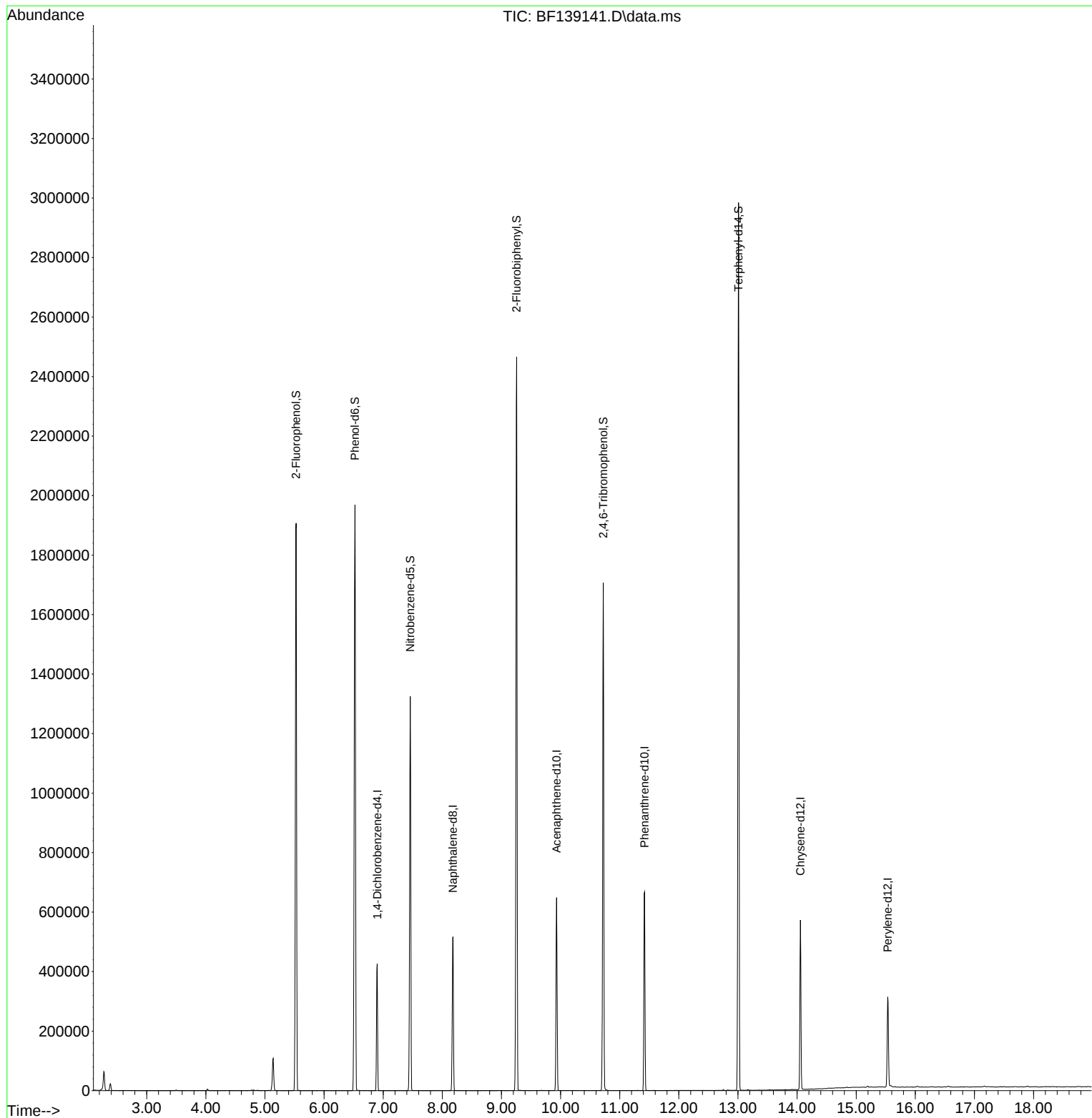
Target Compounds	Qvalue

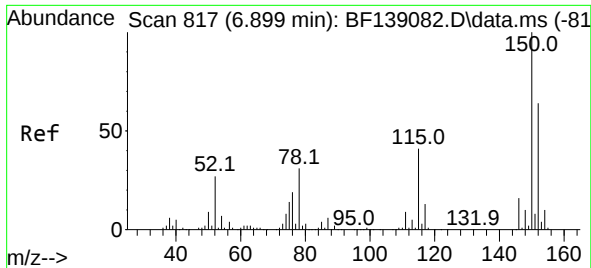
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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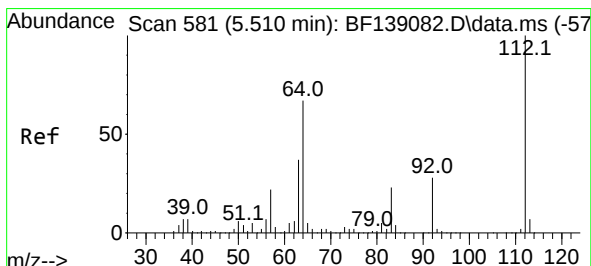
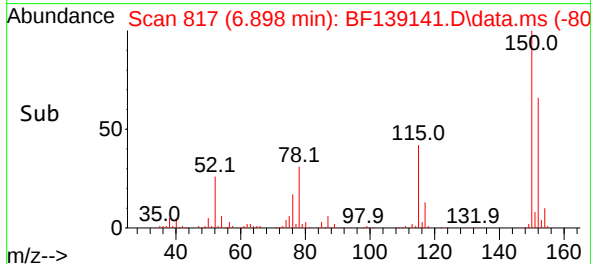
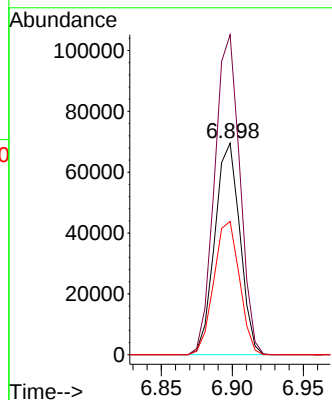
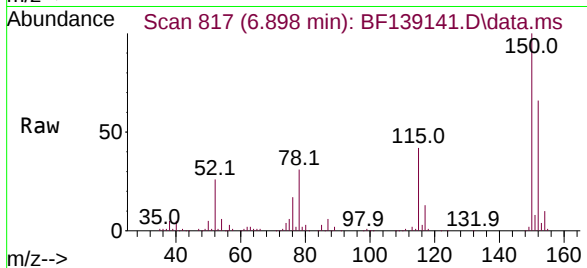




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139141.D
Acq: 23 Aug 2024 12:11

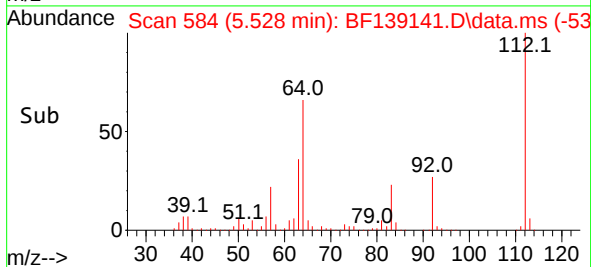
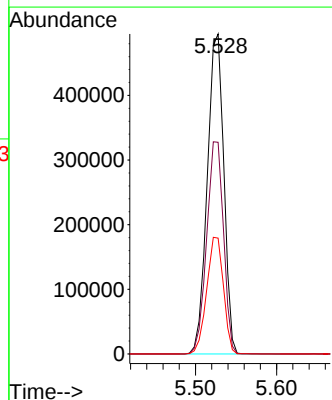
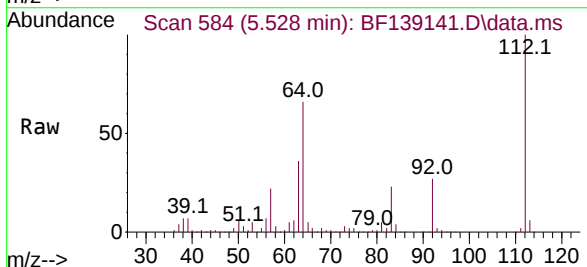
Instrument :
BNA_F
ClientSampleId :
PB162890TB

Tgt Ion:152 Resp: 85509
Ion Ratio Lower Upper
152 100
150 151.3 125.1 187.7
115 63.1 51.8 77.6



#5
2-Fluorophenol
Concen: 125.869 ng
RT: 5.528 min Scan# 584
Delta R.T. 0.017 min
Lab File: BF139141.D
Acq: 23 Aug 2024 12:11

Tgt Ion:112 Resp: 699566
Ion Ratio Lower Upper
112 100
64 66.1 53.8 80.6
63 36.2 29.4 44.2

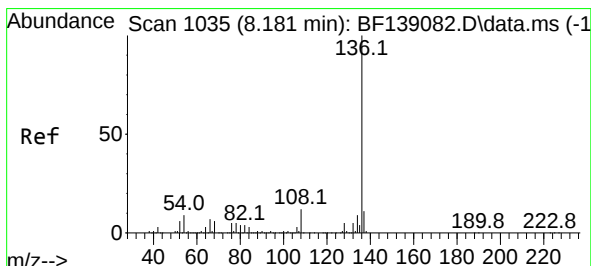
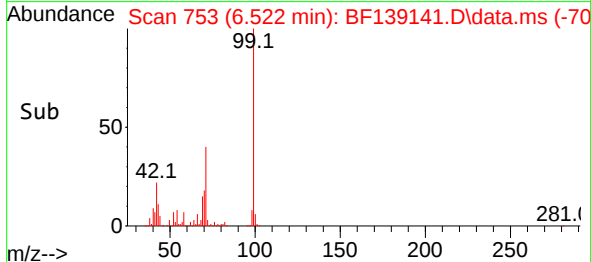
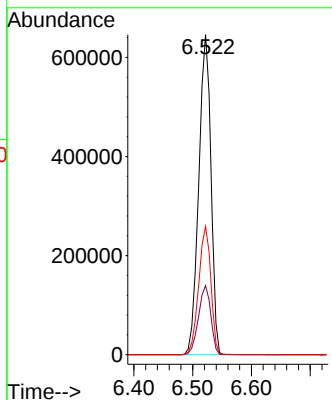
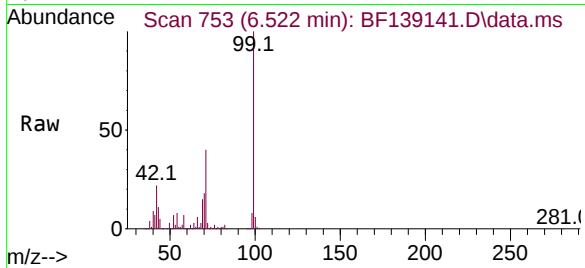




#7
Phenol-d6
Concen: 129.111 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139141.D
Acq: 23 Aug 2024 12:11

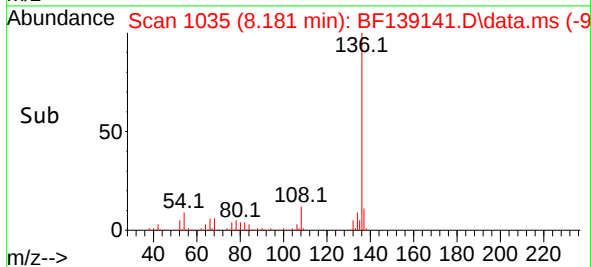
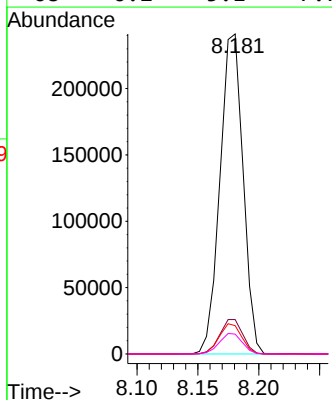
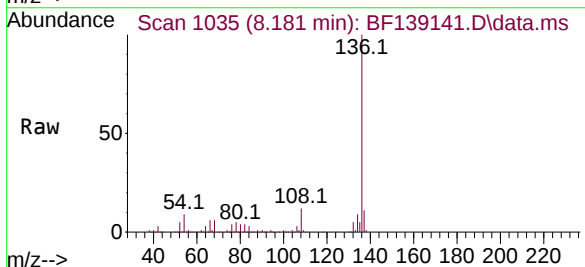
Instrument :
BNA_F
ClientSampleId :
PB162890TB

Tgt Ion: 99 Resp: 927209
Ion Ratio Lower Upper
99 100
42 21.6 17.4 26.2
71 40.1 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139141.D
Acq: 23 Aug 2024 12:11

Tgt Ion: 136 Resp: 318468
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.8 7.6 11.4
68 6.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 113.148 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF139141.D

Acq: 23 Aug 2024 12:11

Instrument :

BNA_F

ClientSampleId :

PB162890TB

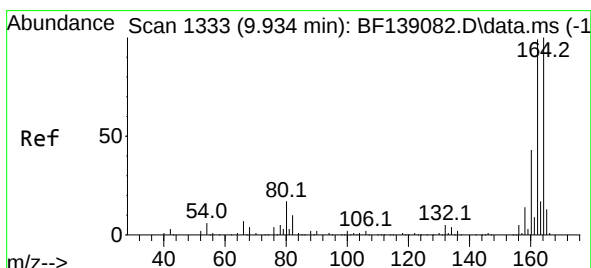
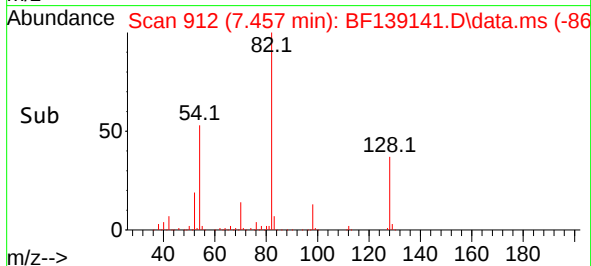
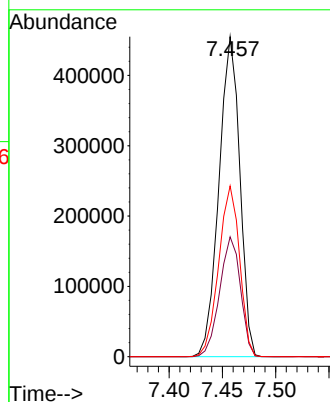
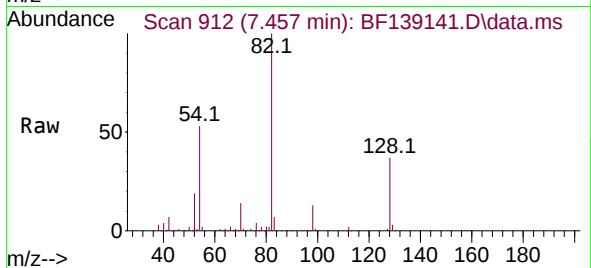
Tgt Ion: 82 Resp: 618399

Ion Ratio Lower Upper

82 100

128 37.5 29.0 43.4

54 53.4 43.4 65.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1333

Delta R.T. -0.001 min

Lab File: BF139141.D

Acq: 23 Aug 2024 12:11

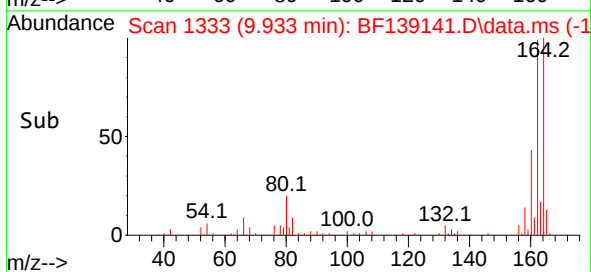
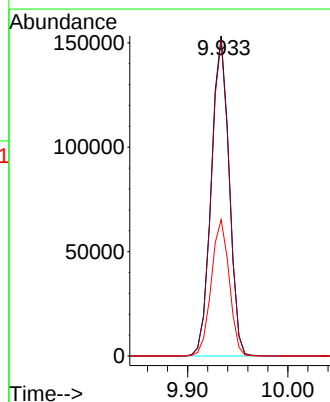
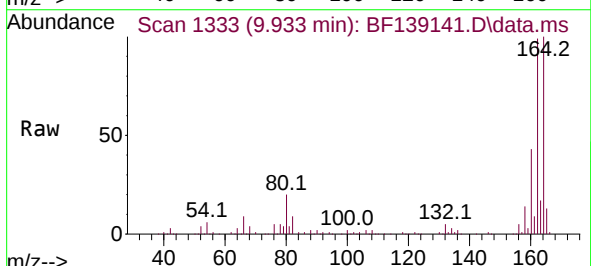
Tgt Ion:164 Resp: 189272

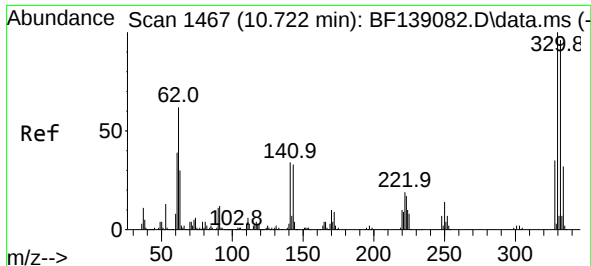
Ion Ratio Lower Upper

164 100

162 98.7 79.5 119.3

160 42.6 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 158.381 ng

RT: 10.722 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF139141.D

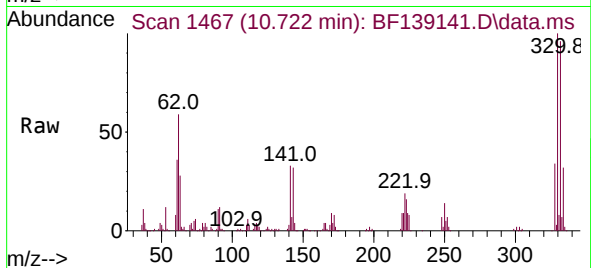
Acq: 23 Aug 2024 12:11

Instrument :

BNA_F

ClientSampleId :

PB162890TB



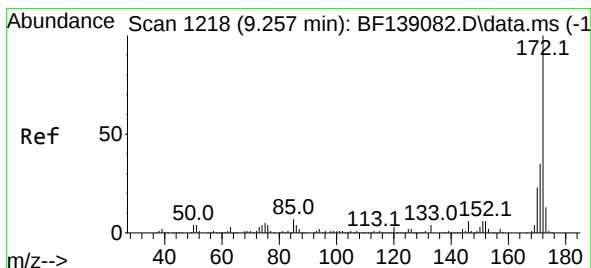
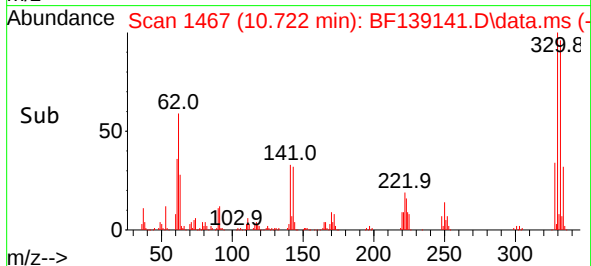
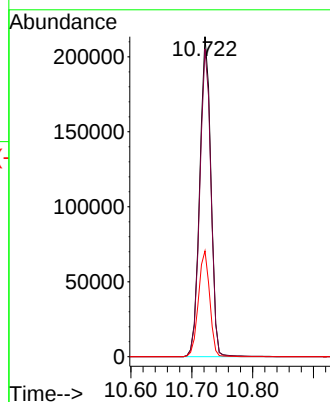
Tgt Ion:330 Resp: 271378

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

141 33.4 27.5 41.3



#45

2-Fluorobiphenyl

Concen: 91.712 ng

RT: 9.257 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF139141.D

Acq: 23 Aug 2024 12:11

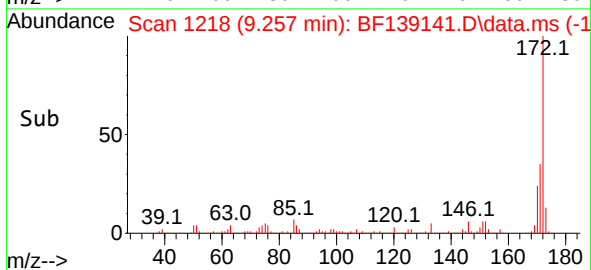
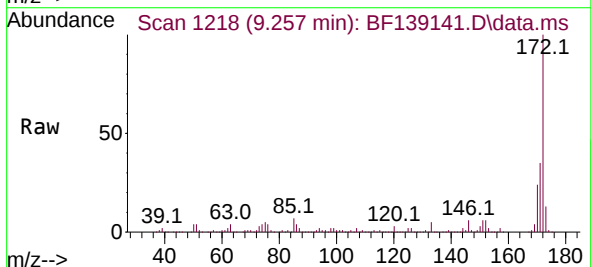
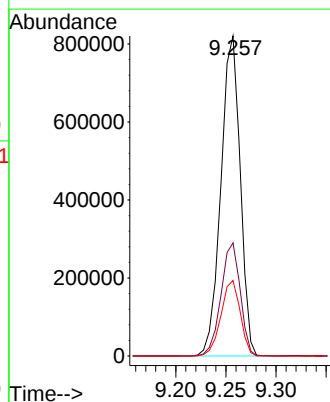
Tgt Ion:172 Resp: 1094068

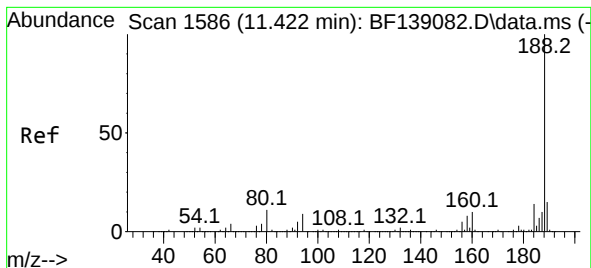
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.6 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139141.D

Acq: 23 Aug 2024 12:11

Instrument :

BNA_F

ClientSampleId :

PB162890TB

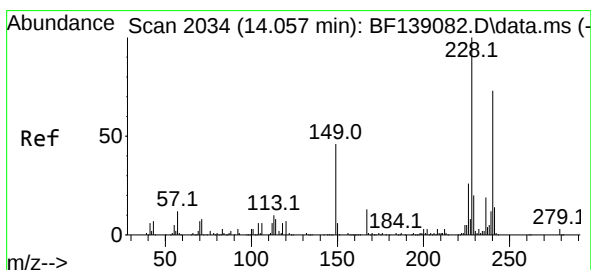
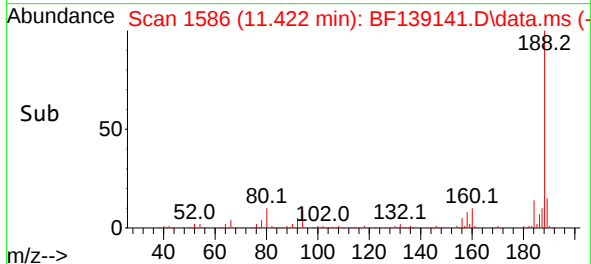
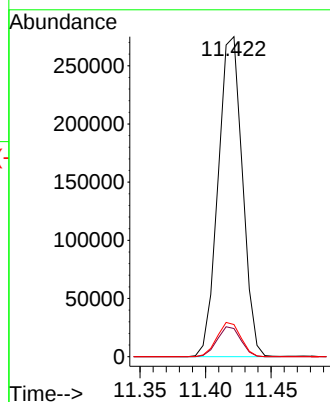
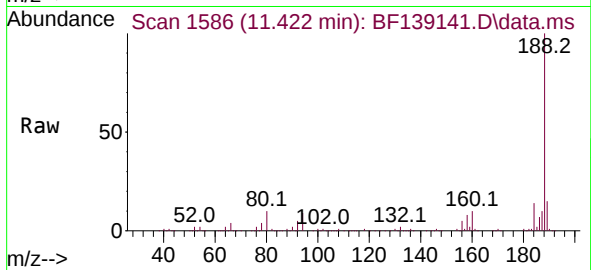
Tgt Ion:188 Resp: 353792

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

80 10.1 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF139141.D

Acq: 23 Aug 2024 12:11

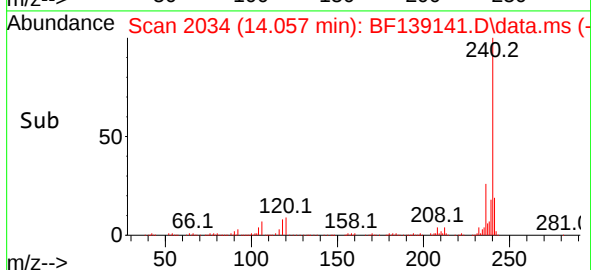
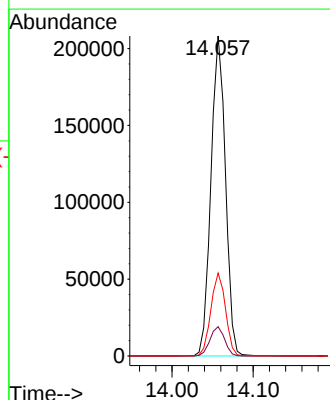
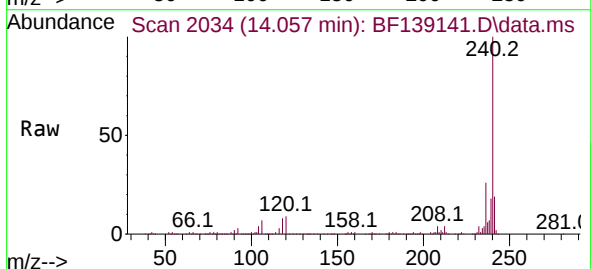
Tgt Ion:240 Resp: 257950

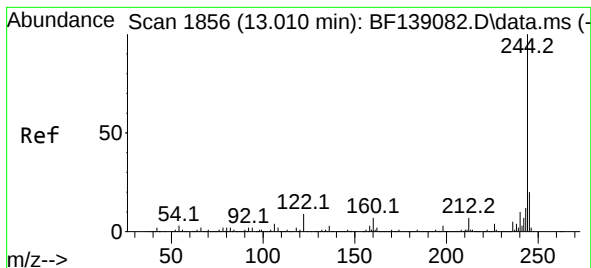
Ion Ratio Lower Upper

240 100

120 9.2 7.8 11.6

236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 94.267 ng

RT: 13.010 min Scan# 1856

Delta R.T. -0.000 min

Lab File: BF139141.D

Acq: 23 Aug 2024 12:11

Instrument :

BNA_F

ClientSampleId :

PB162890TB

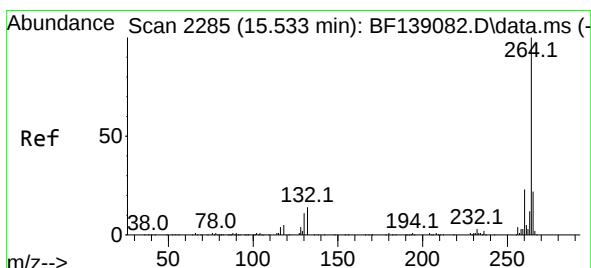
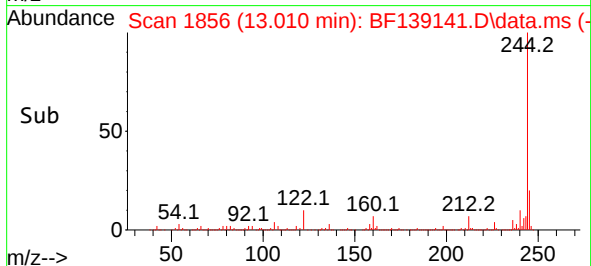
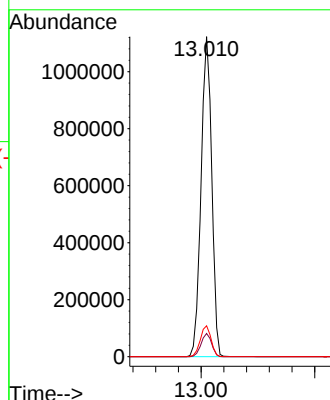
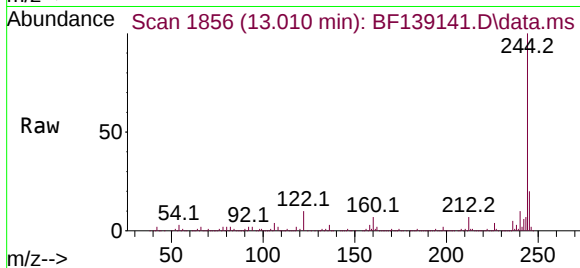
Tgt Ion:244 Resp: 1465448

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.6 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.000 min

Lab File: BF139141.D

Acq: 23 Aug 2024 12:11

Tgt Ion:264 Resp: 178847

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

265 21.4 17.4 26.2

