

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139140.D
 Acq On : 23 Aug 2024 11:41
 Operator : RC/JU
 Sample : PB162871TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162871TB

Quant Time: Aug 23 12:53:38 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	90991	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	336793	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	198584	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	371509	20.000	ng	0.00
76) Chrysene-d12	14.057	240	260711	20.000	ng	0.00
86) Perylene-d12	15.539	264	180636	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	743576	125.727	ng	0.02
7) Phenol-d6	6.522	99	979396	128.161	ng	0.00
23) Nitrobenzene-d5	7.457	82	662718	114.660	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	283752	157.837	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1139603	91.050	ng	0.00
79) Terphenyl-d14	13.010	244	1486648	94.618	ng	0.00

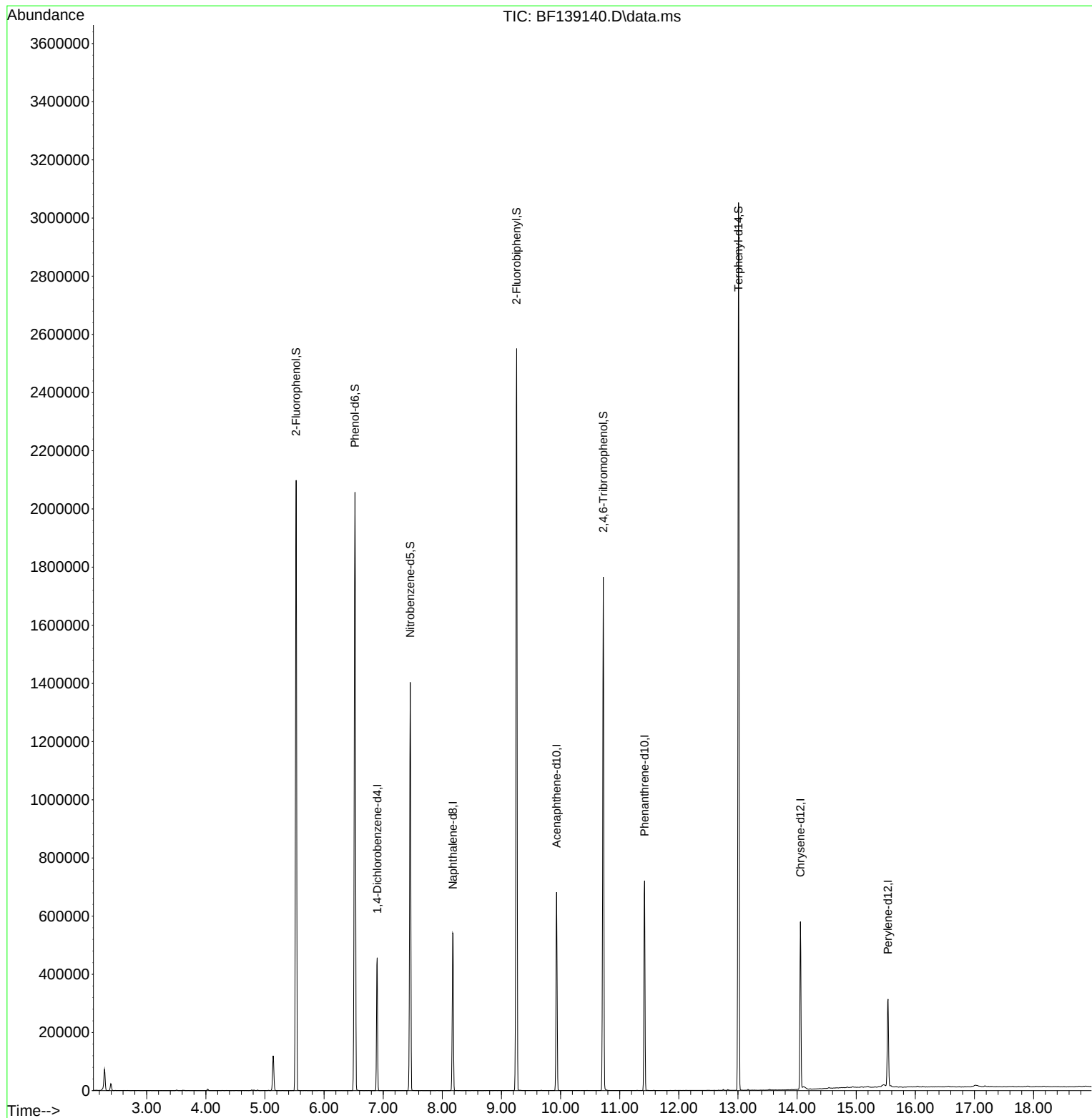
Target Compounds	Qvalue

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

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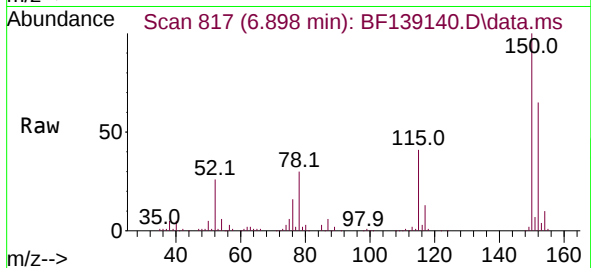
Quant Time: Aug 23 12:53:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
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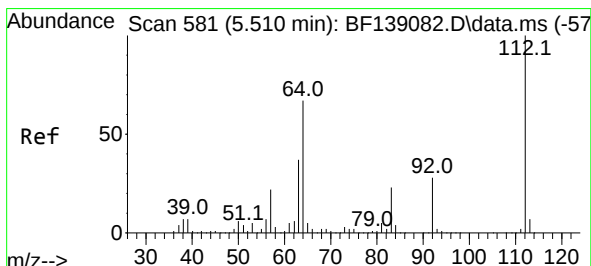
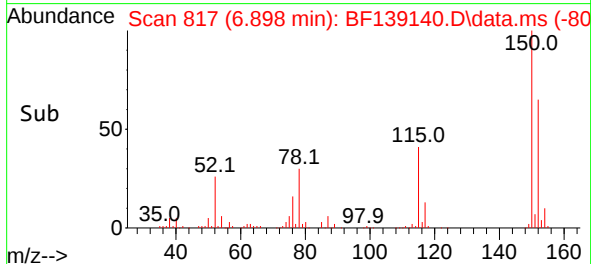
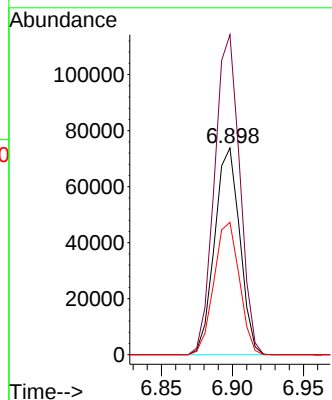


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139140.D
Acq: 23 Aug 2024 11:41

Instrument :
BNA_F
ClientSampleId :
PB162871TB

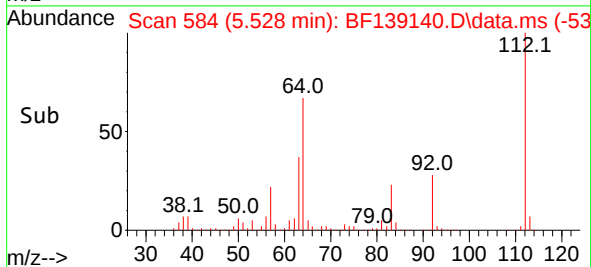
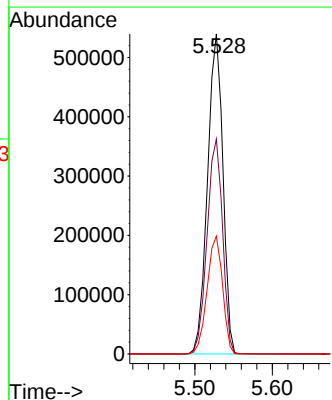
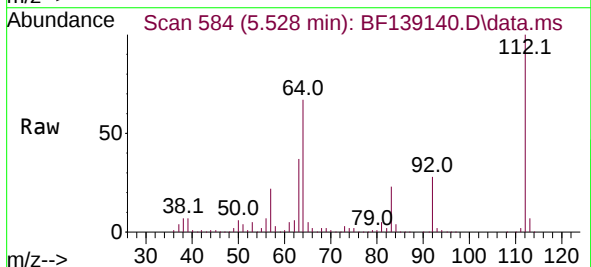


Tgt Ion:152 Resp: 90991
Ion Ratio Lower Upper
152 100
150 154.8 125.1 187.7
115 64.0 51.8 77.6



#5
2-Fluorophenol
Concen: 125.727 ng
RT: 5.528 min Scan# 584
Delta R.T. 0.017 min
Lab File: BF139140.D
Acq: 23 Aug 2024 11:41

Tgt Ion:112 Resp: 743576
Ion Ratio Lower Upper
112 100
64 67.2 53.8 80.6
63 36.8 29.4 44.2

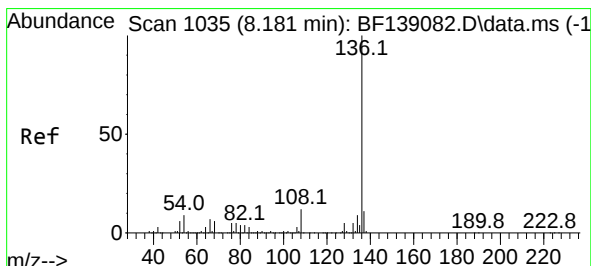
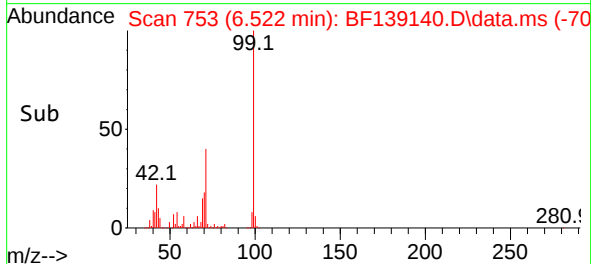
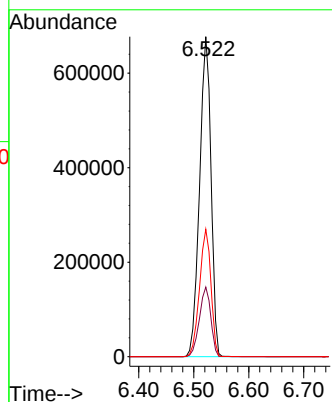
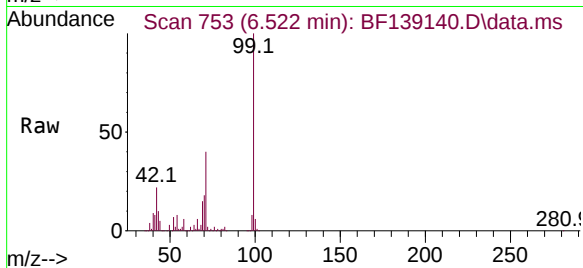




#7
Phenol-d6
Concen: 128.161 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139140.D
Acq: 23 Aug 2024 11:41

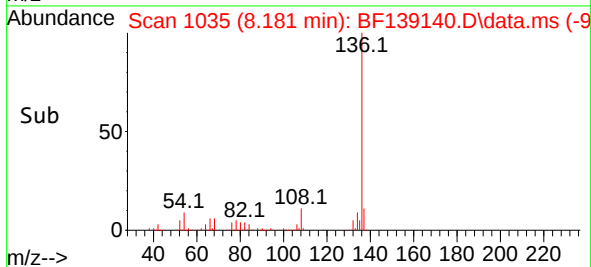
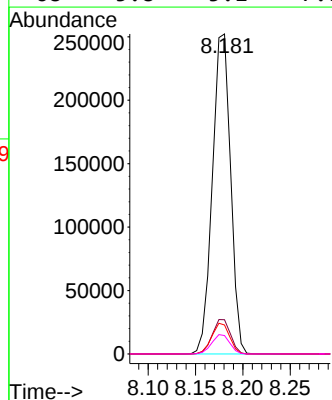
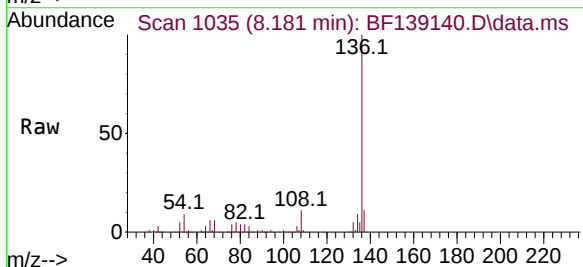
Instrument :
BNA_F
ClientSampleId :
PB162871TB

Tgt Ion: 99 Resp: 979396
Ion Ratio Lower Upper
99 100
42 21.7 17.4 26.2
71 39.8 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: BF139140.D
Acq: 23 Aug 2024 11:41

Tgt Ion: 136 Resp: 336793
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 9.0 7.6 11.4
68 5.8 5.1 7.7





#23

Nitrobenzene-d5

Concen: 114.660 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF139140.D

Acq: 23 Aug 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB162871TB

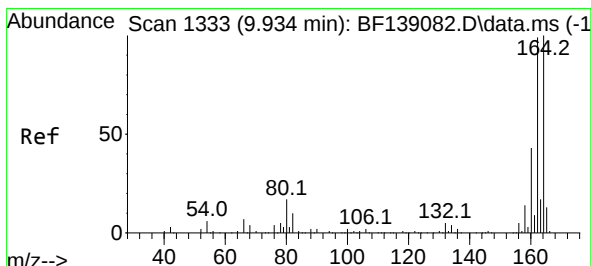
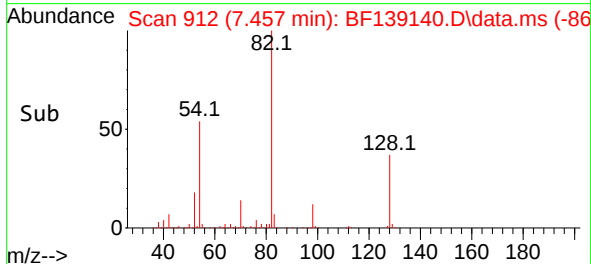
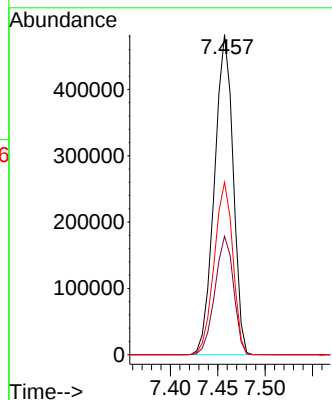
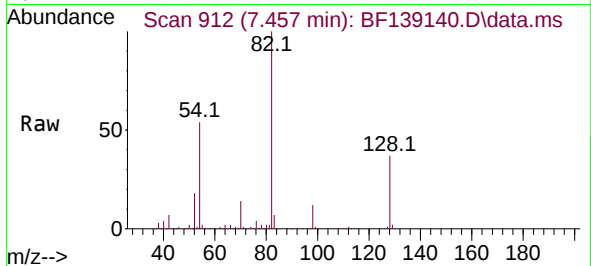
Tgt Ion: 82 Resp: 662718

Ion Ratio Lower Upper

82 100

128 37.0 29.0 43.4

54 53.9 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: BF139140.D

Acq: 23 Aug 2024 11:41

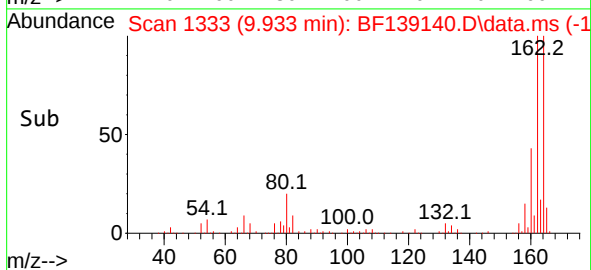
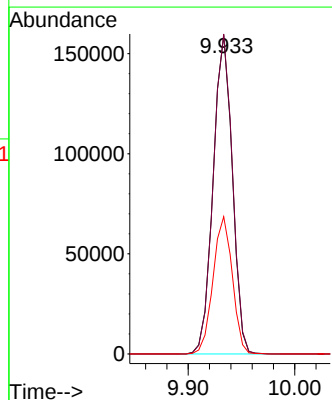
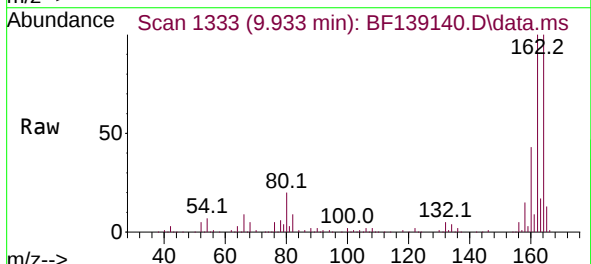
Tgt Ion:164 Resp: 198584

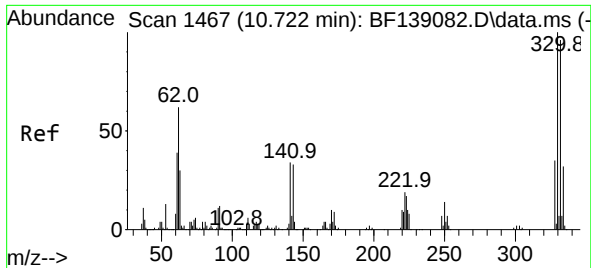
Ion Ratio Lower Upper

164 100

162 100.4 79.5 119.3

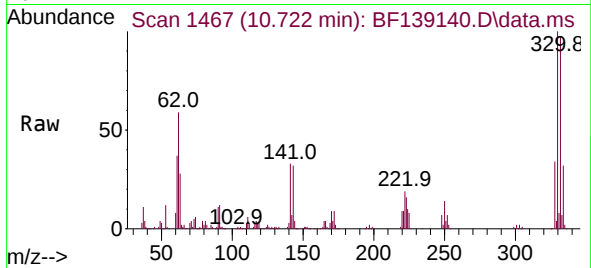
160 43.1 34.5 51.7



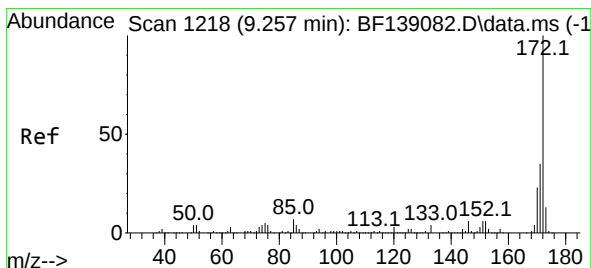
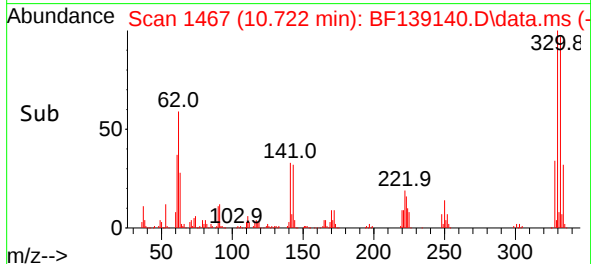
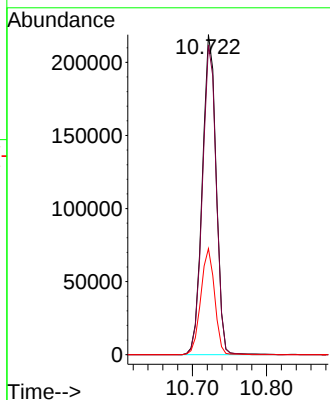


#42
2,4,6-Tribromophenol
Concen: 157.837 ng
RT: 10.722 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF139140.D
Acq: 23 Aug 2024 11:41

Instrument :
BNA_F
ClientSampleId :
PB162871TB

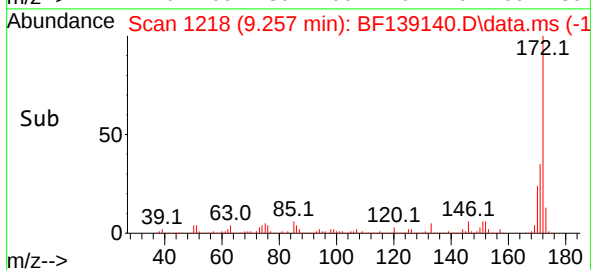
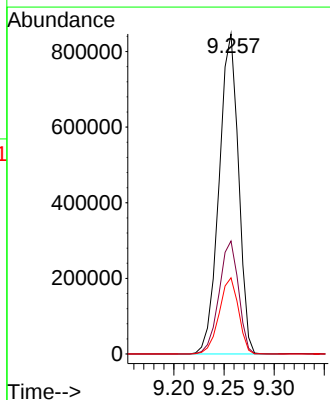
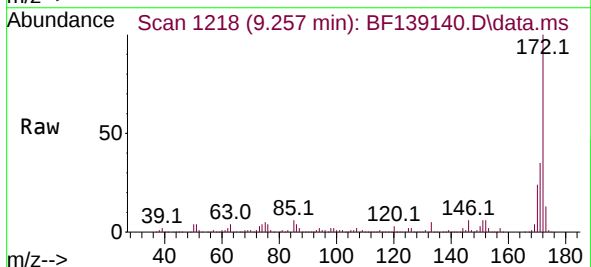


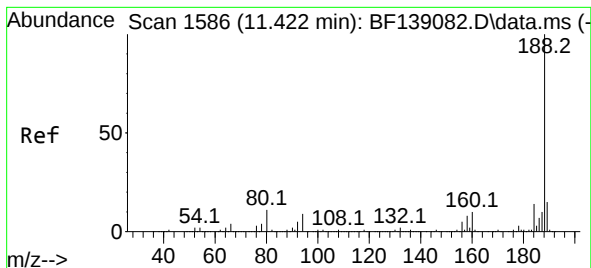
Tgt Ion: 330 Resp: 283752
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 33.2 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 91.050 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF139140.D
Acq: 23 Aug 2024 11:41

Tgt Ion: 172 Resp: 1139603
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.8 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.421 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139140.D

Acq: 23 Aug 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB162871TB

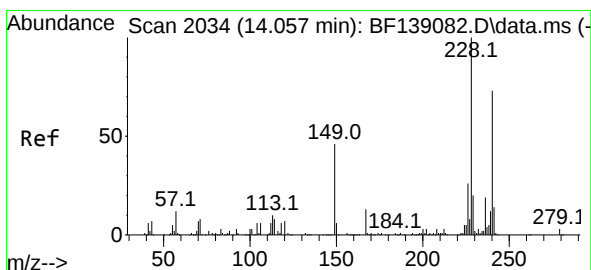
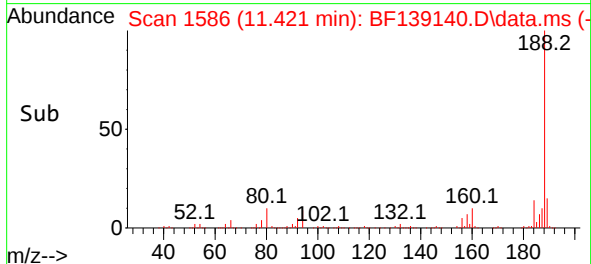
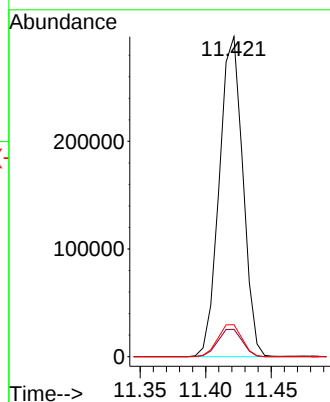
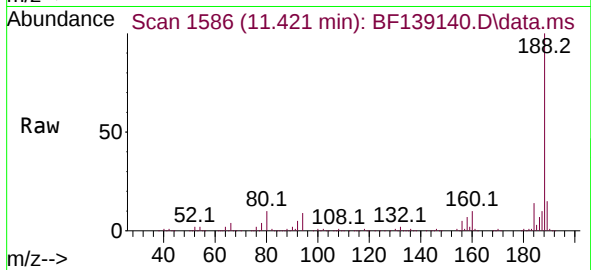
Tgt Ion:188 Resp: 371509

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

80 10.0 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: BF139140.D

Acq: 23 Aug 2024 11:41

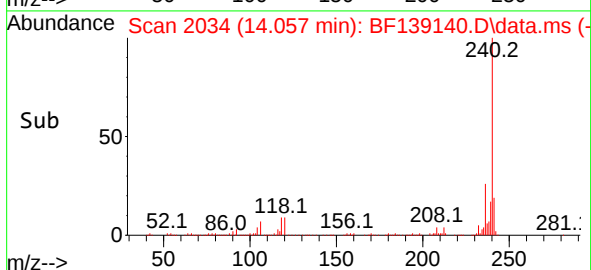
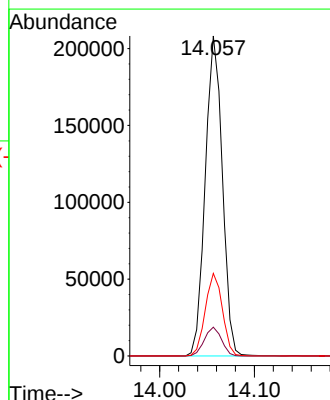
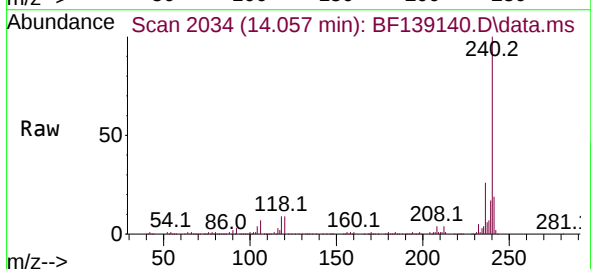
Tgt Ion:240 Resp: 260711

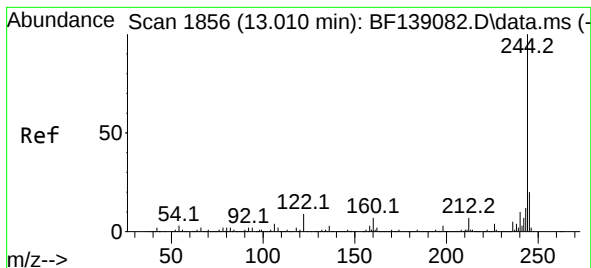
Ion Ratio Lower Upper

240 100

120 9.0 7.8 11.6

236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 94.618 ng

RT: 13.010 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139140.D

Acq: 23 Aug 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB162871TB

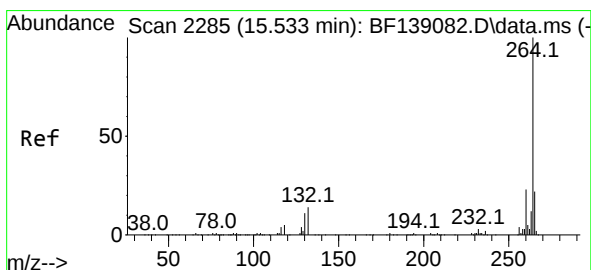
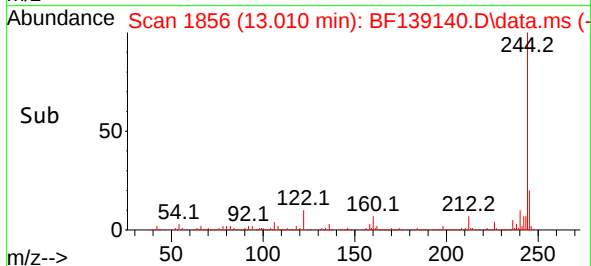
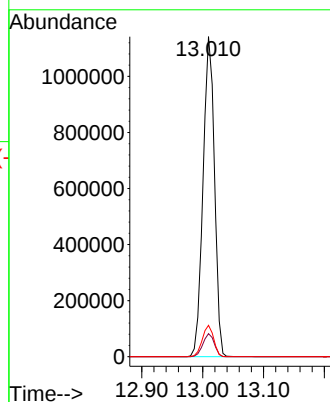
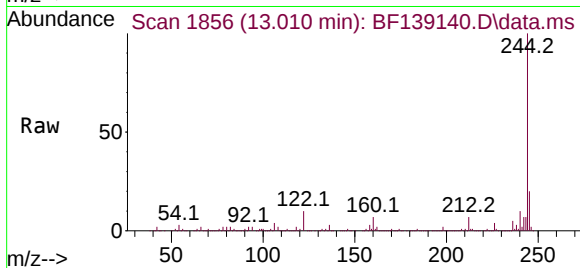
Tgt Ion:244 Resp: 1486648

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.8 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. 0.006 min

Lab File: BF139140.D

Acq: 23 Aug 2024 11:41

Tgt Ion:264 Resp: 180636

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

265 21.4 17.4 26.2

