

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139138.D
 Acq On : 23 Aug 2024 10:42
 Operator : RC/JU
 Sample : PB162917BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162917BL

Quant Time: Aug 23 11:16:14 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	112654	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	434644	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	258735	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	485351	20.000	ng	0.00
76) Chrysene-d12	14.057	240	360157	20.000	ng	0.00
86) Perylene-d12	15.539	264	233927	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	843921	115.255	ng	0.02
7) Phenol-d6	6.522	99	1090664	115.277	ng	0.00
23) Nitrobenzene-d5	7.457	82	751194	100.708	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	338526	144.528	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1301403	79.804	ng	0.00
79) Terphenyl-d14	13.010	244	1767383	81.426	ng	0.00

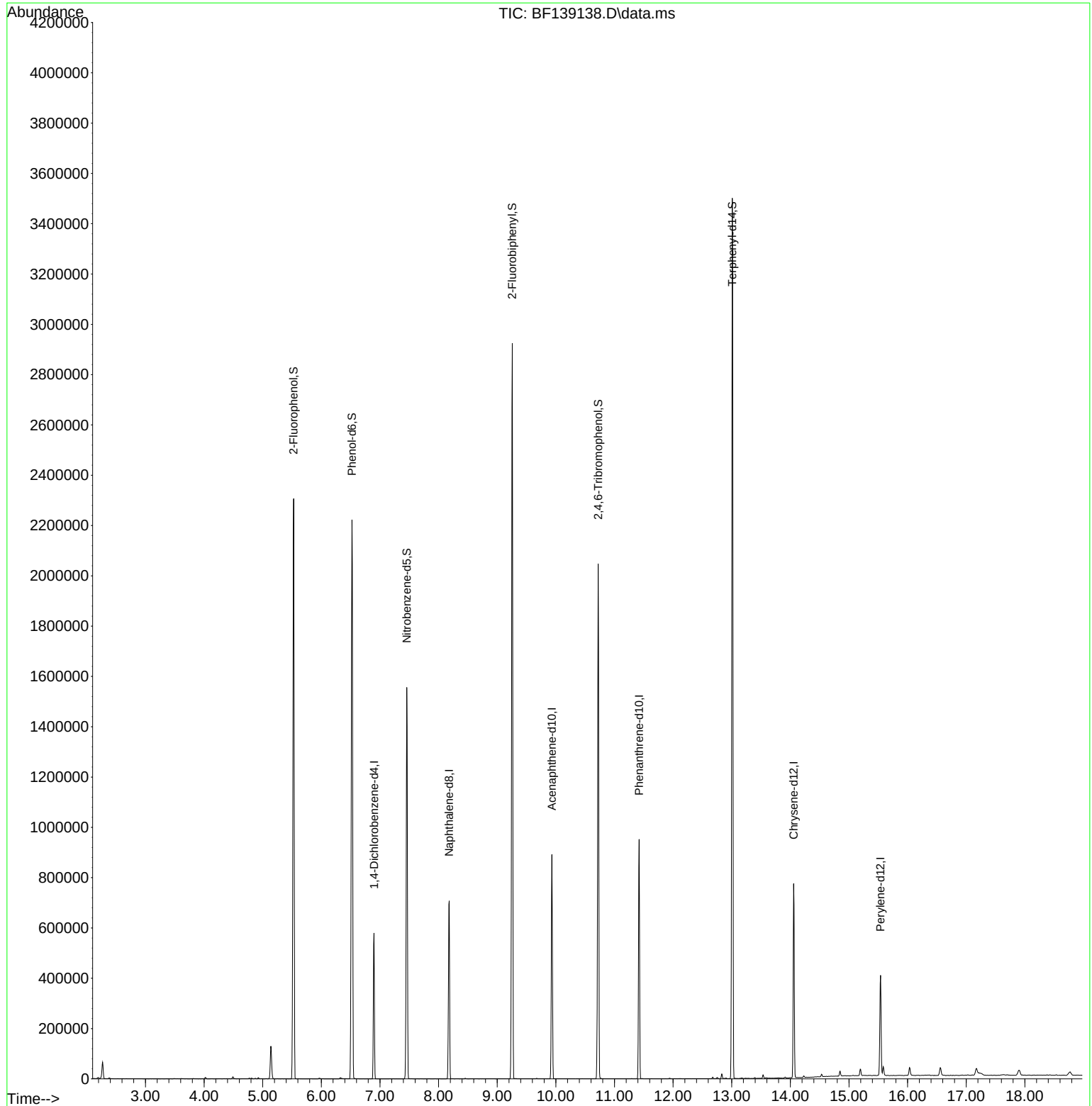
Target Compounds	Qvalue

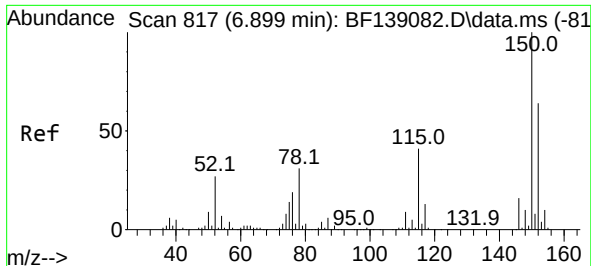
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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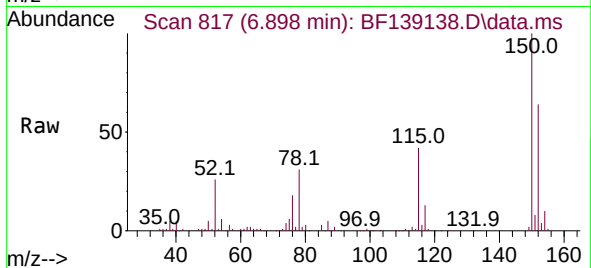
Quant Time: Aug 23 11:16:14 2024
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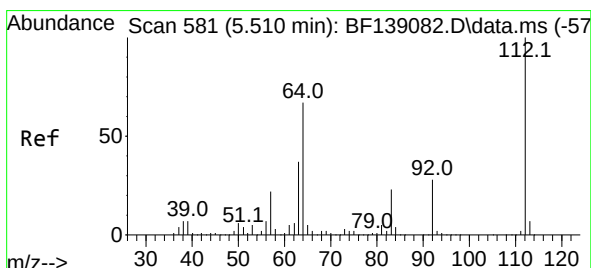
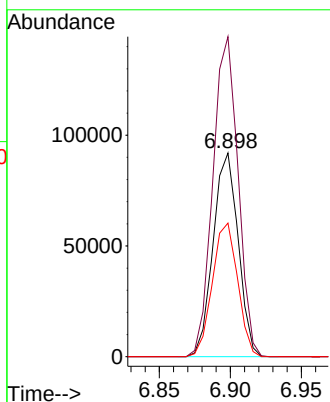
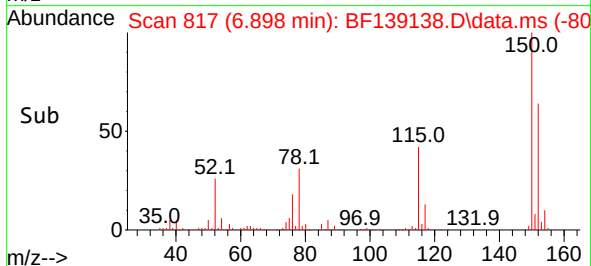


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF139138.D
Acq: 23 Aug 2024 10:42

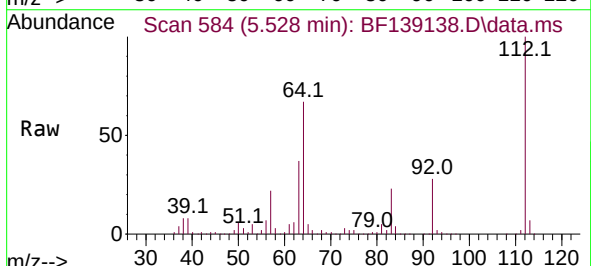
Instrument :
BNA_F
ClientSampleId :
PB162917BL



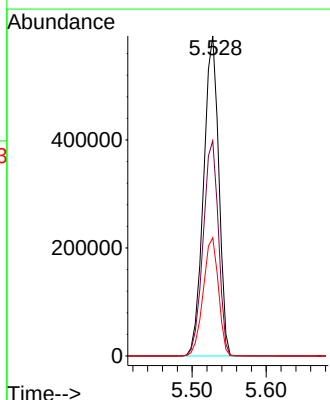
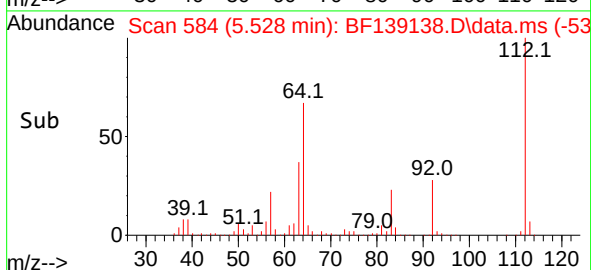
Tgt Ion:152 Resp: 112654
Ion Ratio Lower Upper
152 100
150 157.1 125.1 187.7
115 65.6 51.8 77.6

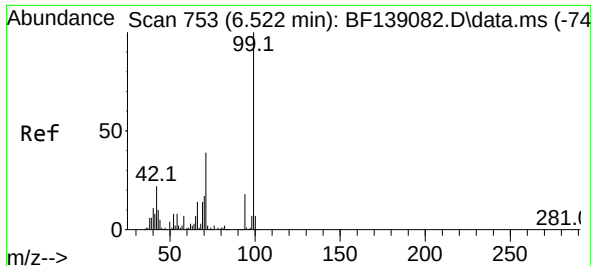


#5
2-Fluorophenol
Concen: 115.255 ng
RT: 5.528 min Scan# 584
Delta R.T. 0.017 min
Lab File: BF139138.D
Acq: 23 Aug 2024 10:42



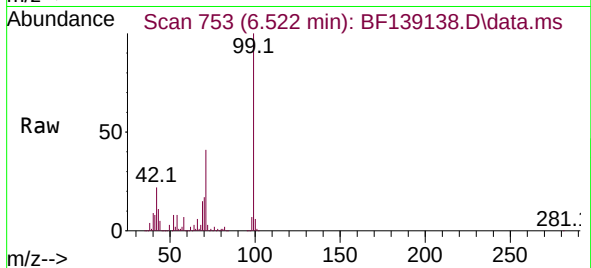
Tgt Ion:112 Resp: 843921
Ion Ratio Lower Upper
112 100
64 67.2 53.8 80.6
63 36.9 29.4 44.2





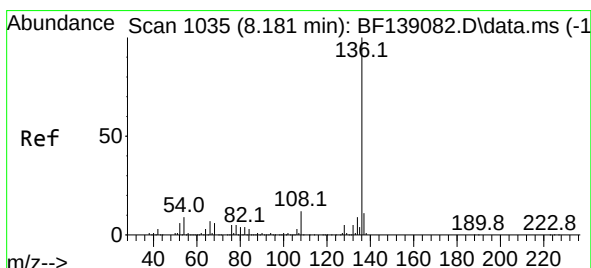
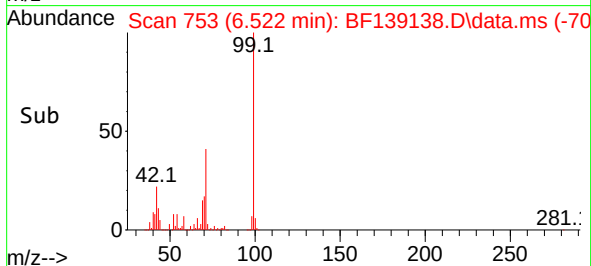
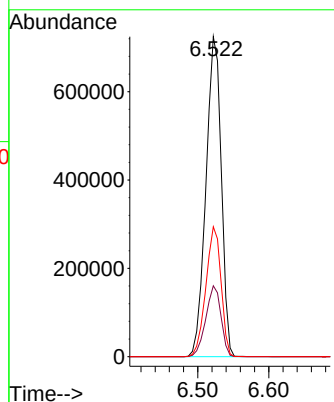
#7
Phenol-d6
Concen: 115.277 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139138.D
Acq: 23 Aug 2024 10:42

Instrument :
BNA_F
ClientSampleId :
PB162917BL



Tgt Ion: 99 Resp: 1090664

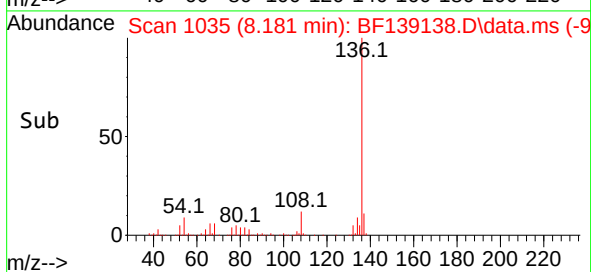
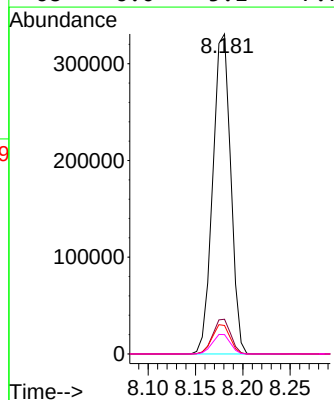
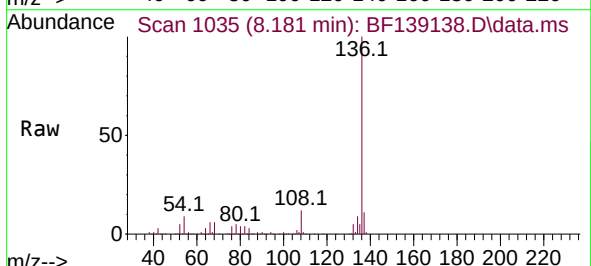
Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.4	26.2
71	40.6	31.2	46.8

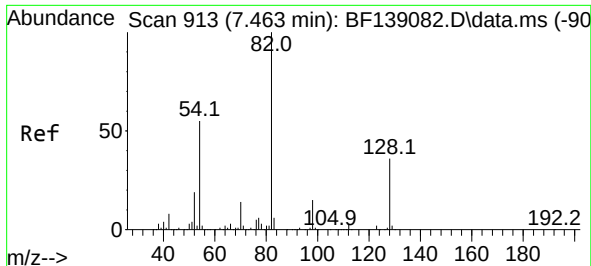


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139138.D
Acq: 23 Aug 2024 10:42

Tgt Ion: 136 Resp: 434644

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.9	7.6	11.4
68	6.0	5.1	7.7





#23

Nitrobenzene-d5

Concen: 100.708 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF139138.D

Acq: 23 Aug 2024 10:42

Instrument :

BNA_F

ClientSampleId :

PB162917BL

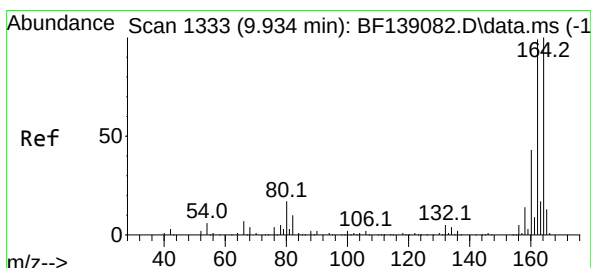
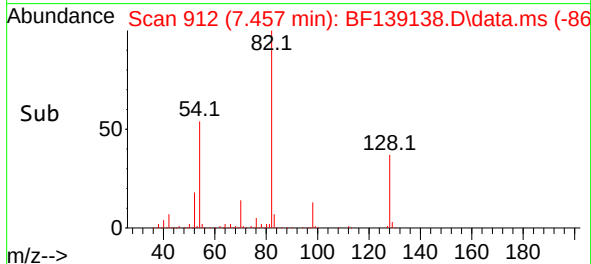
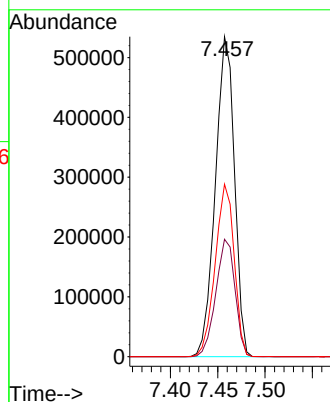
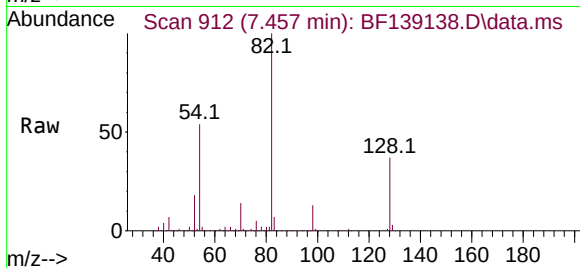
Tgt Ion: 82 Resp: 751194

Ion Ratio Lower Upper

82 100

128 36.7 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: BF139138.D

Acq: 23 Aug 2024 10:42

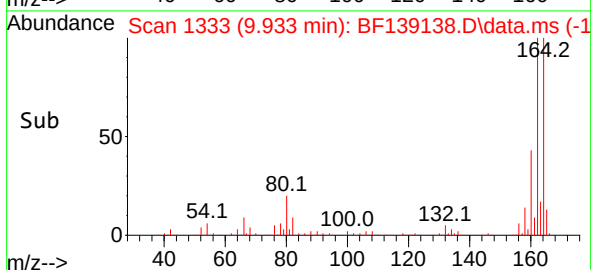
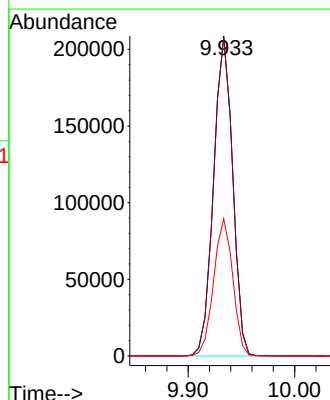
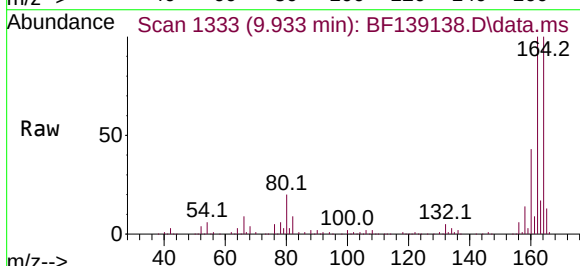
Tgt Ion: 164 Resp: 258735

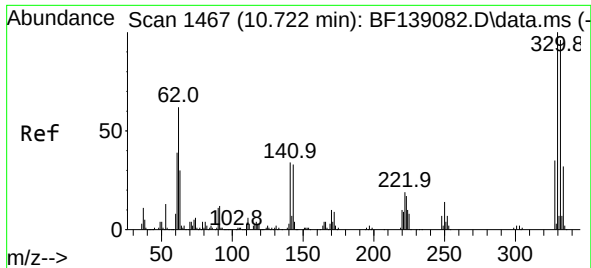
Ion Ratio Lower Upper

164 100

162 99.6 79.5 119.3

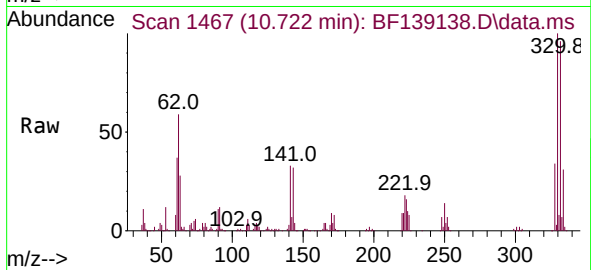
160 42.9 34.5 51.7



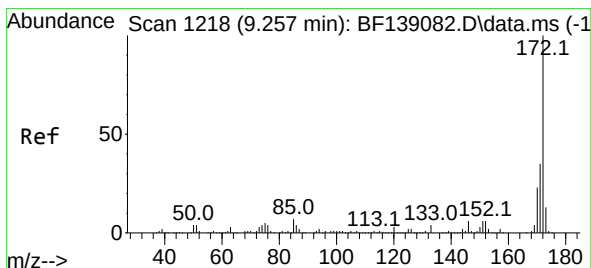
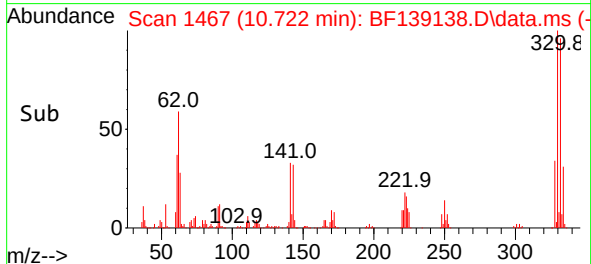
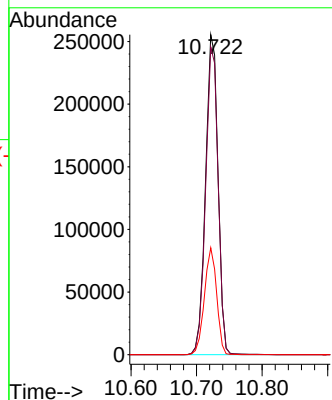


#42
2,4,6-Tribromophenol
Concen: 144.528 ng
RT: 10.722 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF139138.D
Acq: 23 Aug 2024 10:42

Instrument :
BNA_F
ClientSampleId :
PB162917BL

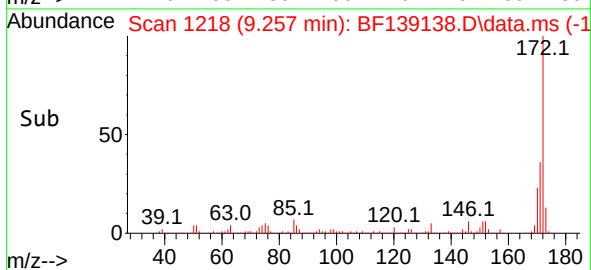
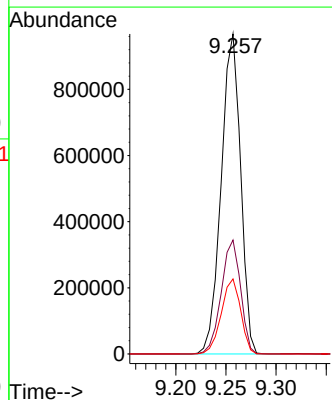
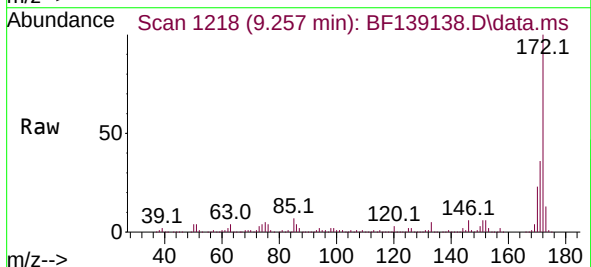


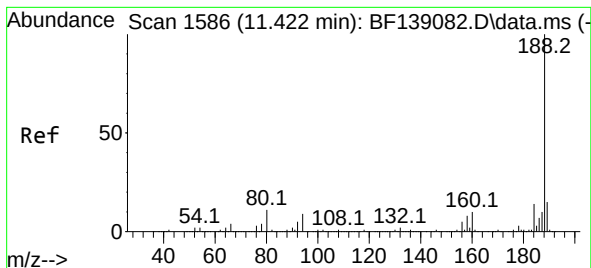
Tgt Ion:330 Resp: 338526
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 32.9 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 79.804 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF139138.D
Acq: 23 Aug 2024 10:42

Tgt Ion:172 Resp: 1301403
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.5 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: BF139138.D

Acq: 23 Aug 2024 10:42

Instrument :

BNA_F

ClientSampleId :

PB162917BL

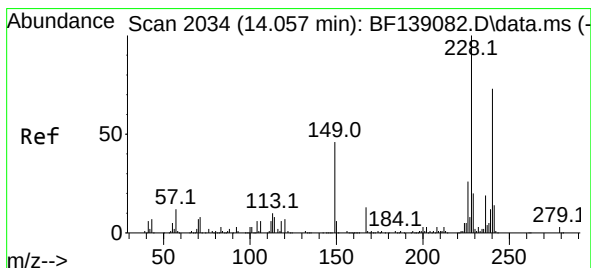
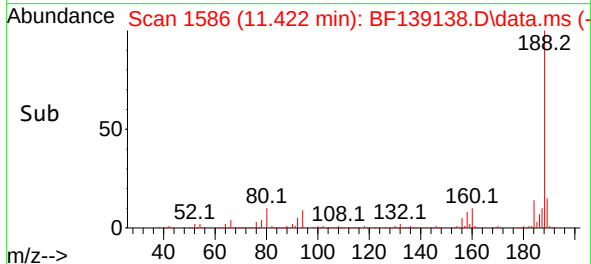
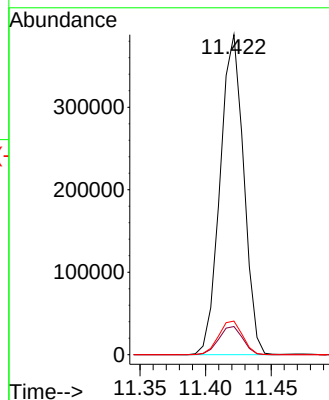
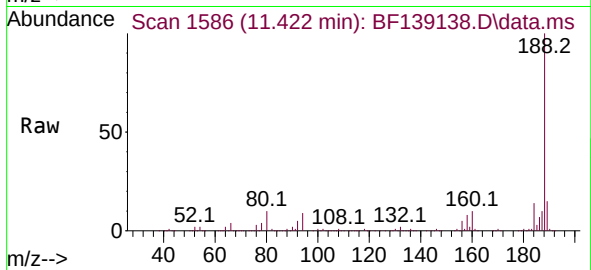
Tgt Ion:188 Resp: 485351

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

80 10.5 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: BF139138.D

Acq: 23 Aug 2024 10:42

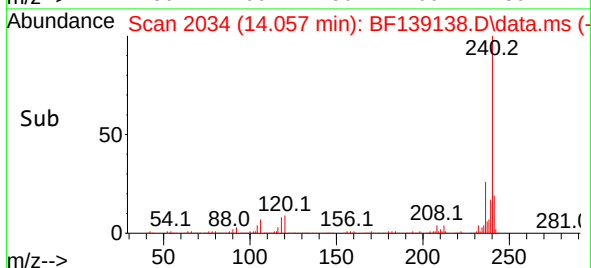
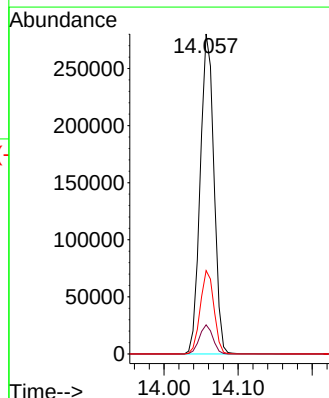
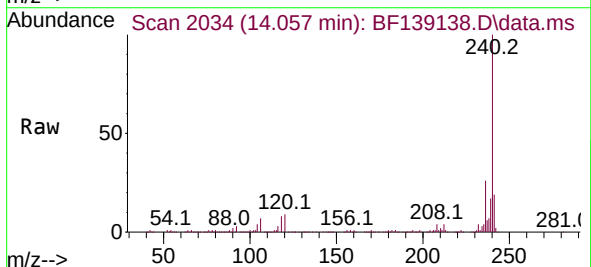
Tgt Ion:240 Resp: 360157

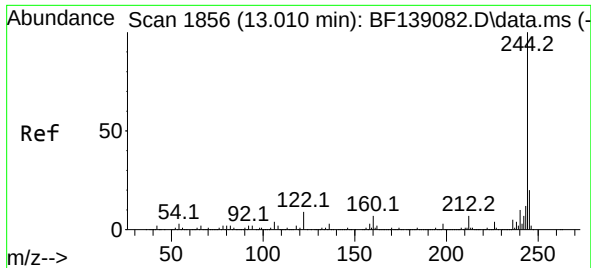
Ion Ratio Lower Upper

240 100

120 9.1 7.8 11.6

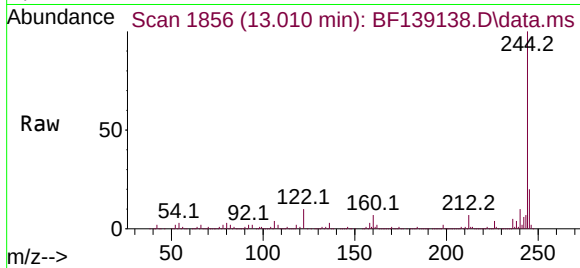
236 26.1 20.9 31.3



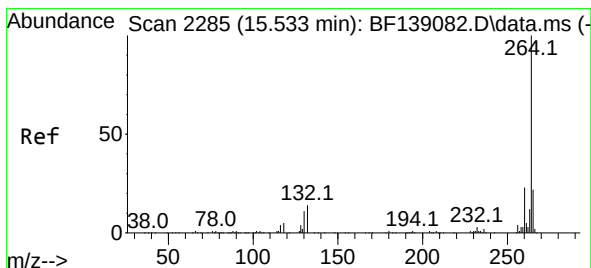
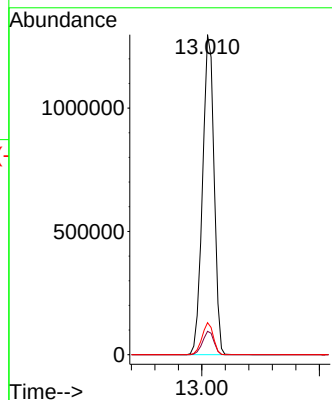
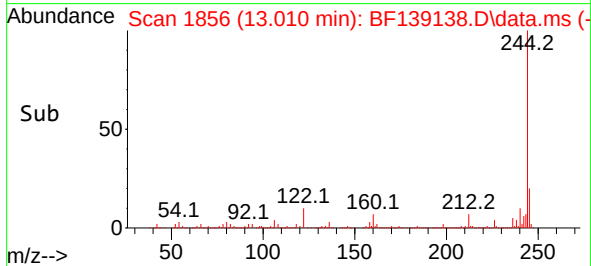


#79
 Terphenyl-d14
 Concen: 81.426 ng
 RT: 13.010 min Scan# 1856
 Delta R.T. -0.000 min
 Lab File: BF139138.D
 Acq: 23 Aug 2024 10:42

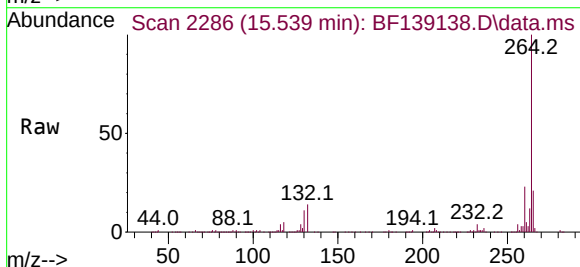
Instrument :
 BNA_F
 ClientSampleId :
 PB162917BL



Tgt Ion:244 Resp: 1767383
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 10.0 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: BF139138.D
 Acq: 23 Aug 2024 10:42



Tgt Ion:264 Resp: 233927
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 20.8 17.4 26.2

