

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139147.D
 Acq On : 23 Aug 2024 15:12
 Operator : RC/JU
 Sample : P3689-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Aug 23 15:36:09 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	82243	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	303274	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	173605	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	287626	20.000	ng	0.00
76) Chrysene-d12	14.057	240	159122	20.000	ng	0.00
86) Perylene-d12	15.533	264	174096	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	601831	112.584	ng	0.01
7) Phenol-d6	6.522	99	735313	106.456	ng	0.00
23) Nitrobenzene-d5	7.457	82	577420	110.943	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	239170	152.180	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	962016	87.921	ng	0.00
79) Terphenyl-d14	13.010	244	990060	103.242	ng	0.00

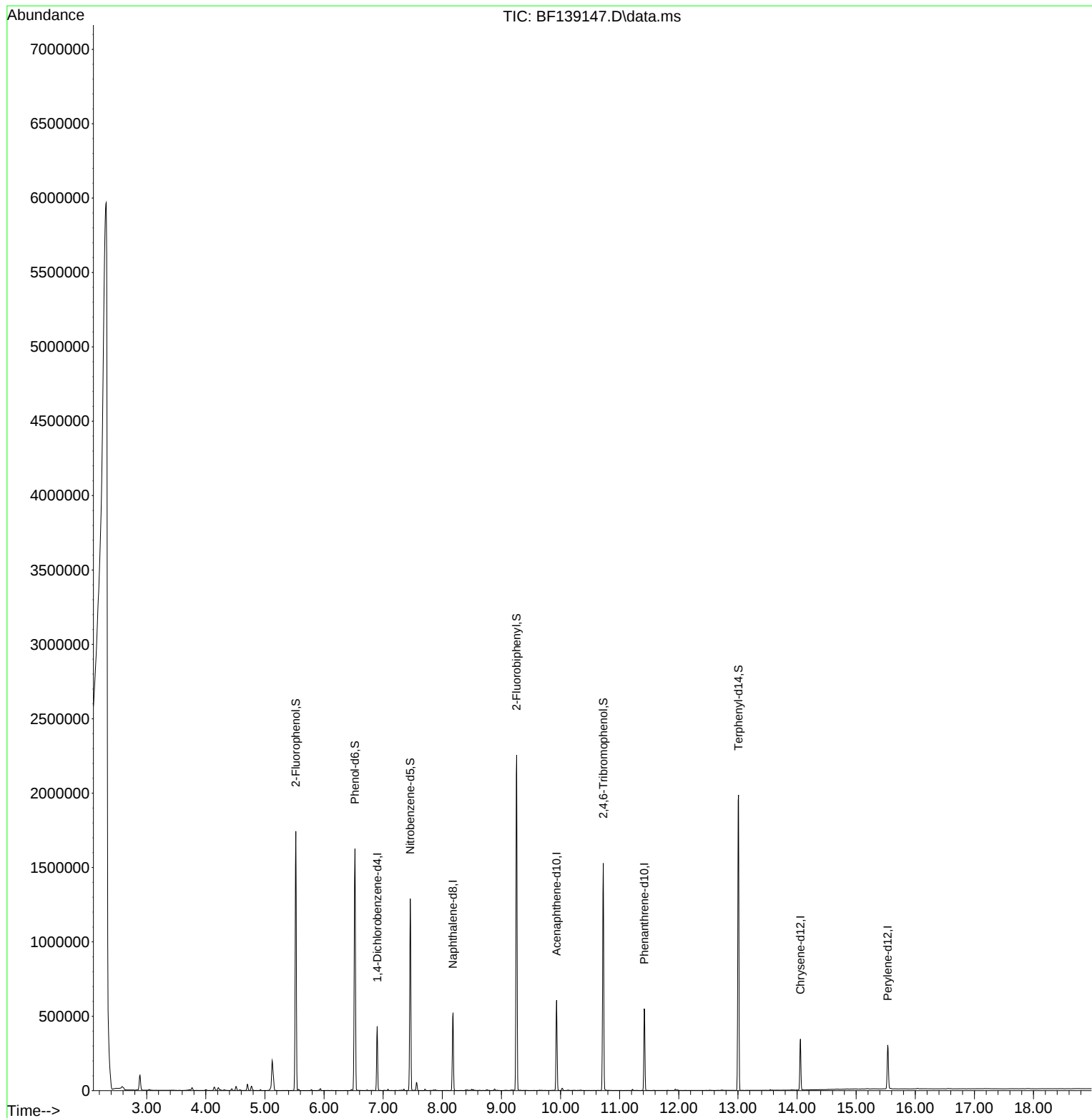
Target Compounds	Qvalue

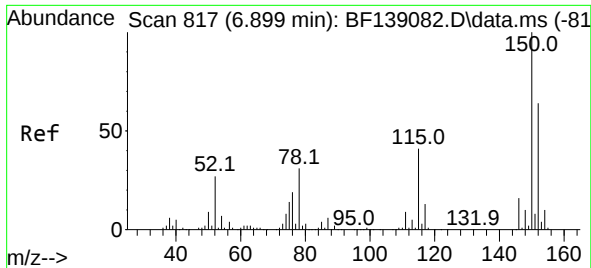
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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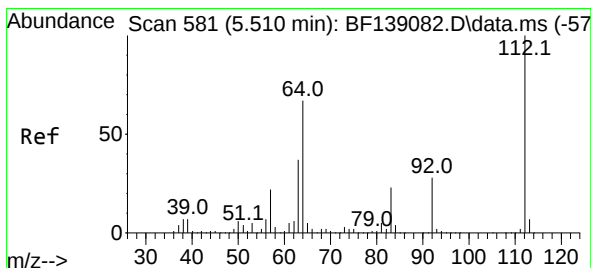
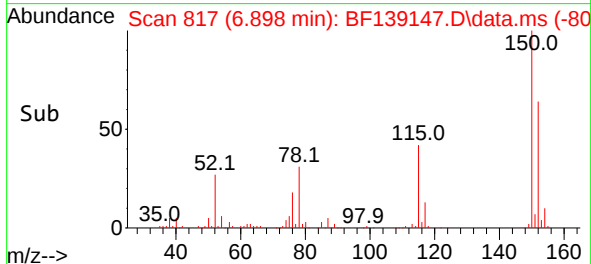
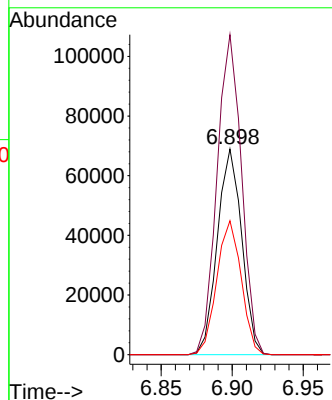
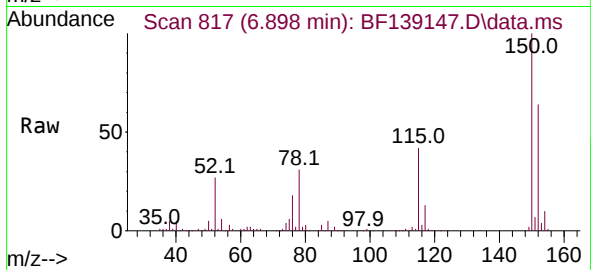




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139147.D
Acq: 23 Aug 2024 15:12

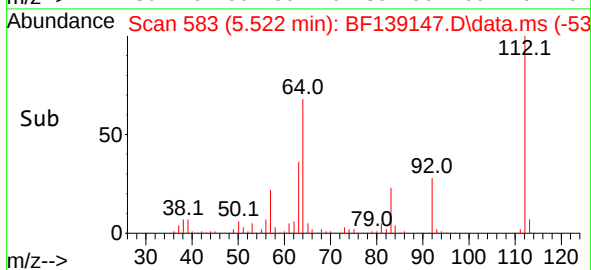
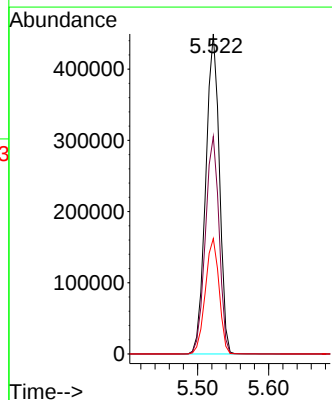
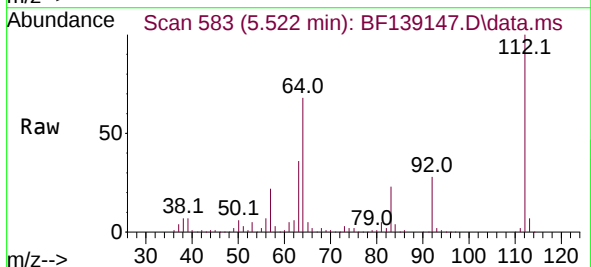
Instrument :
BNA_F
ClientSampleId :
WC-1

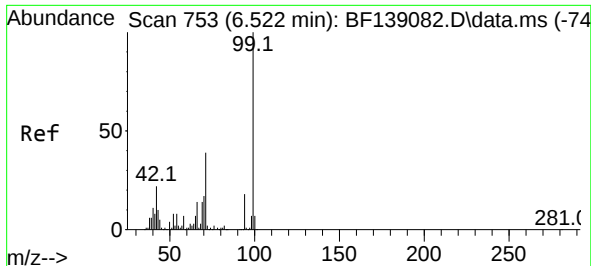
Tgt Ion:152 Resp: 82243
Ion Ratio Lower Upper
152 100
150 155.6 125.1 187.7
115 65.2 51.8 77.6



#5
2-Fluorophenol
Concen: 112.584 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF139147.D
Acq: 23 Aug 2024 15:12

Tgt Ion:112 Resp: 601831
Ion Ratio Lower Upper
112 100
64 67.9 53.8 80.6
63 36.1 29.4 44.2

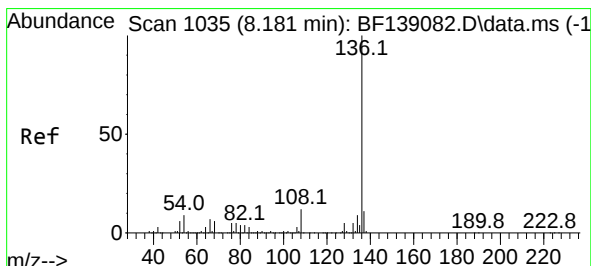
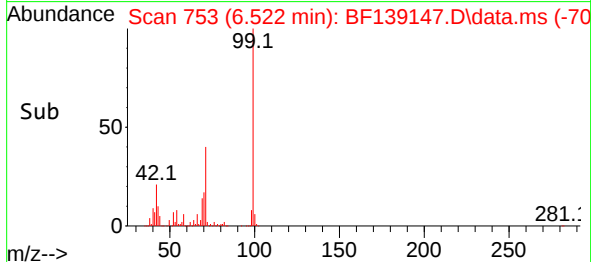
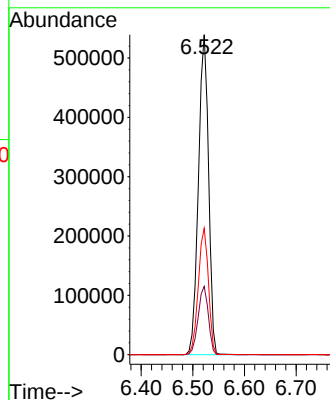
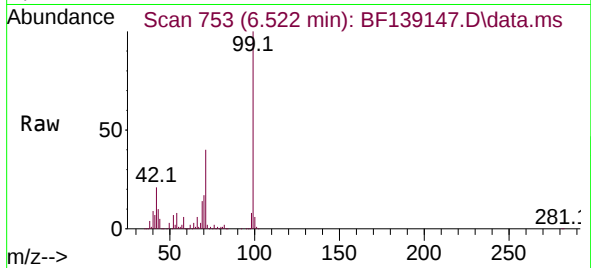




#7
Phenol-d6
Concen: 106.456 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139147.D
Acq: 23 Aug 2024 15:12

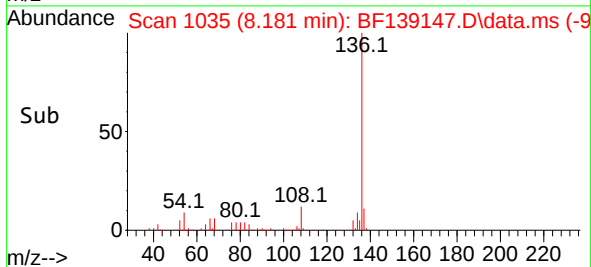
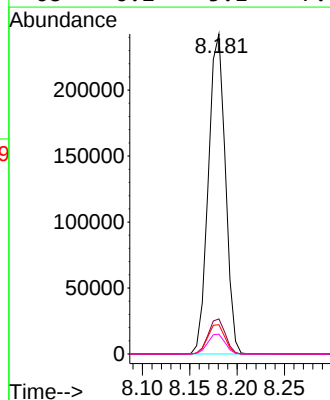
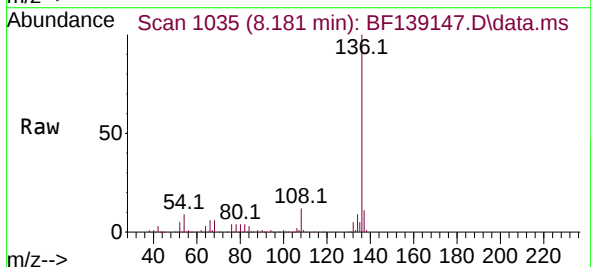
Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:	99	Resp:	735313
Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.4	26.2
71	39.5	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: BF139147.D
Acq: 23 Aug 2024 15:12

Tgt Ion:	136	Resp:	303274
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.1	7.6	11.4
68	6.2	5.1	7.7





#23

Nitrobenzene-d5

Concen: 110.943 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF139147.D

Acq: 23 Aug 2024 15:12

Instrument :

BNA_F

ClientSampleId :

WC-1

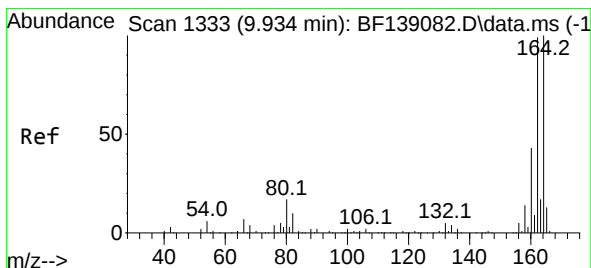
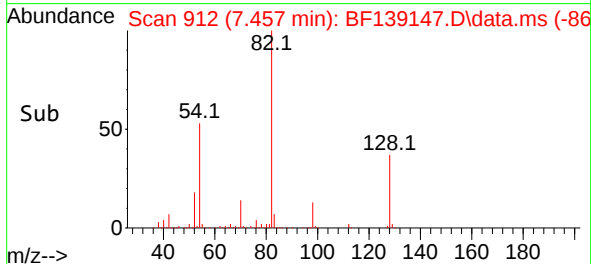
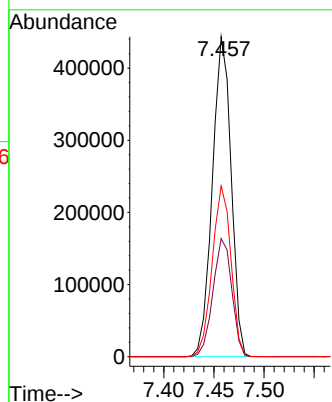
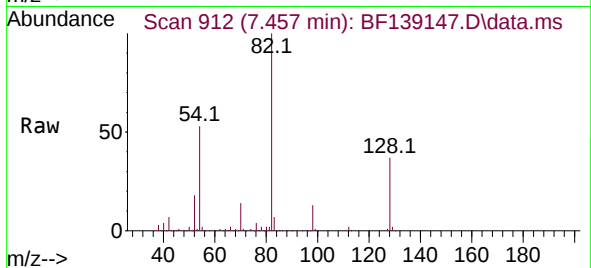
Tgt Ion: 82 Resp: 577420

Ion Ratio Lower Upper

82 100

128 36.9 29.0 43.4

54 53.3 43.4 65.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1333

Delta R.T. -0.000 min

Lab File: BF139147.D

Acq: 23 Aug 2024 15:12

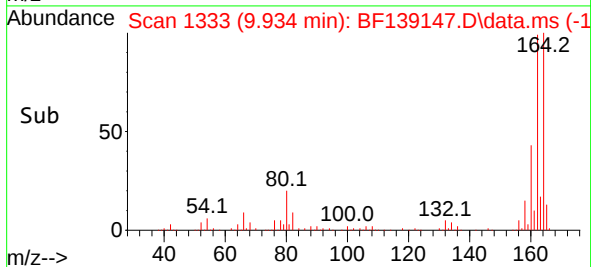
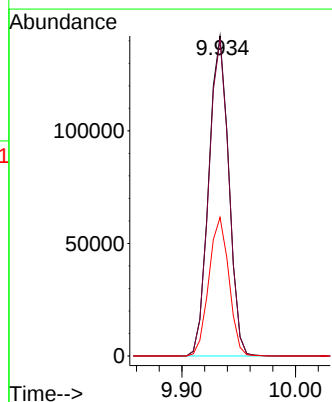
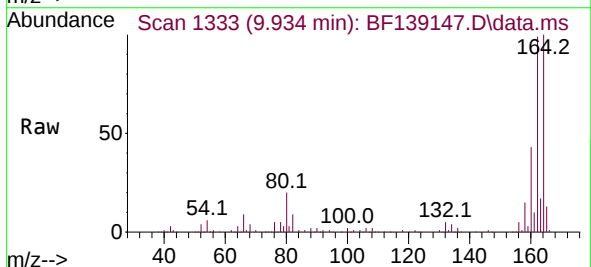
Tgt Ion:164 Resp: 173605

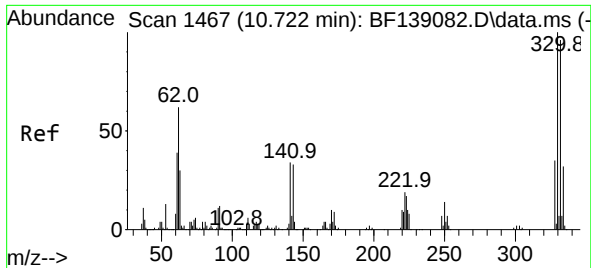
Ion Ratio Lower Upper

164 100

162 98.8 79.5 119.3

160 43.3 34.5 51.7

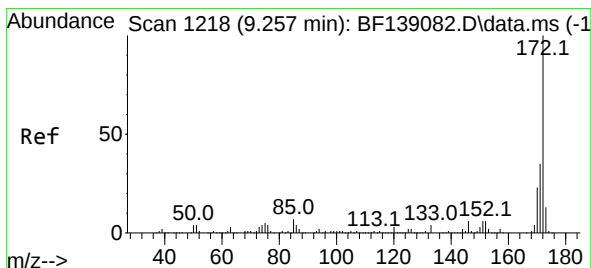
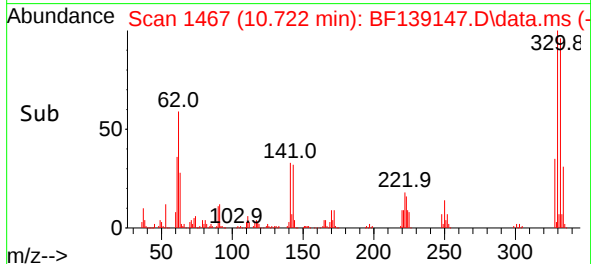
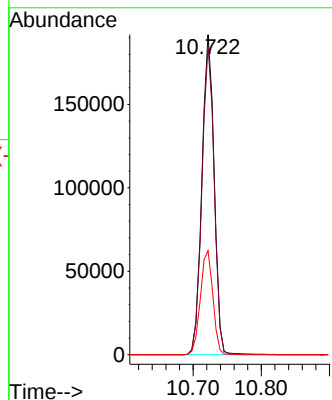
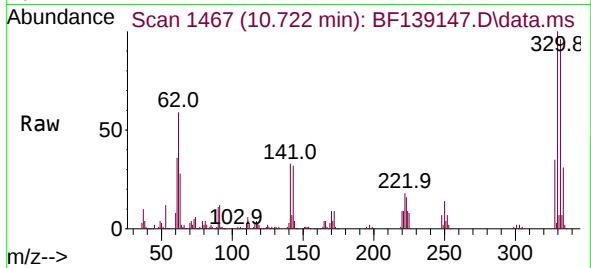




#42
2,4,6-Tribromophenol
Concen: 152.180 ng
RT: 10.722 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF139147.D
Acq: 23 Aug 2024 15:12

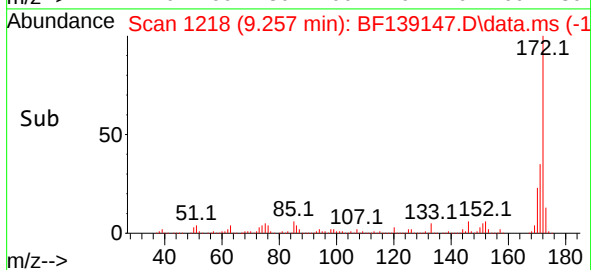
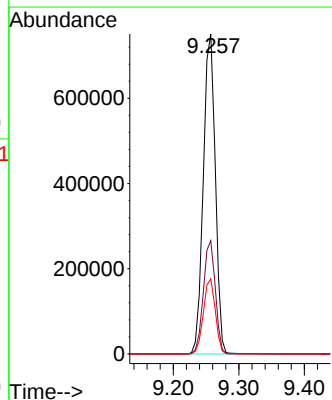
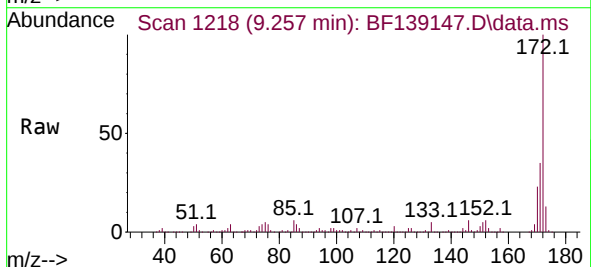
Instrument :
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ClientSampleId :
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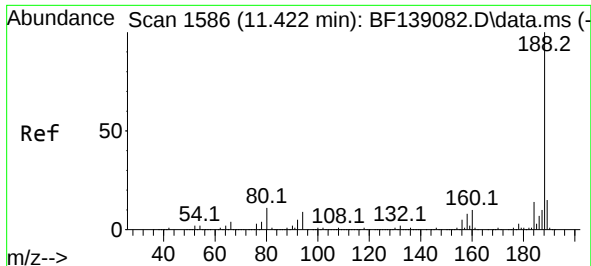
Tgt Ion:330 Resp: 239170
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 33.1 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 87.921 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF139147.D
Acq: 23 Aug 2024 15:12

Tgt Ion:172 Resp: 962016
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.5 18.8 28.2

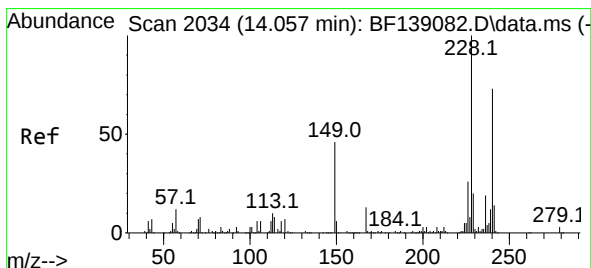
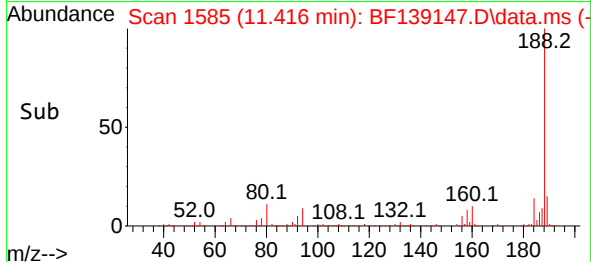
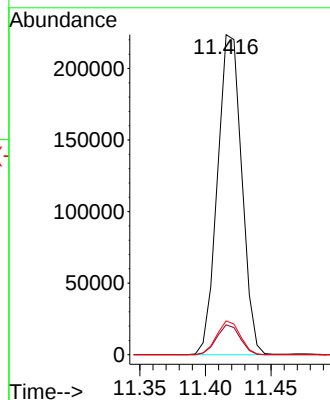
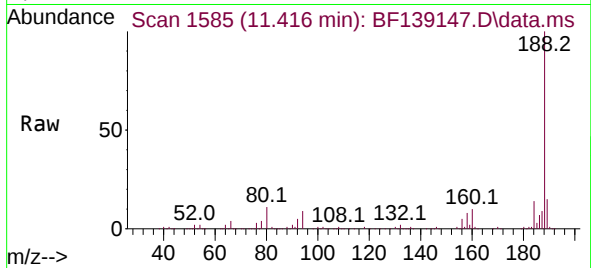




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139147.D
Acq: 23 Aug 2024 15:12

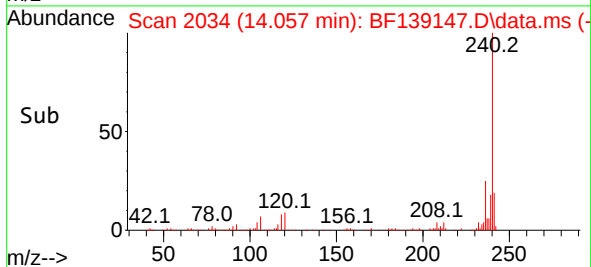
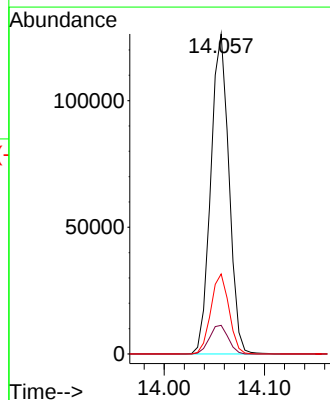
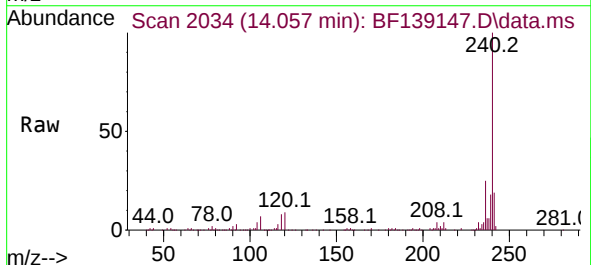
Instrument :
BNA_F
ClientSampleId :
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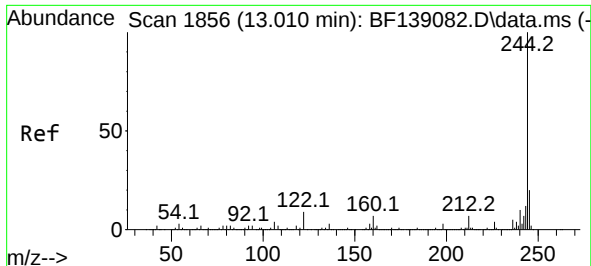
Tgt Ion:188 Resp: 287626
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 10.6 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF139147.D
Acq: 23 Aug 2024 15:12

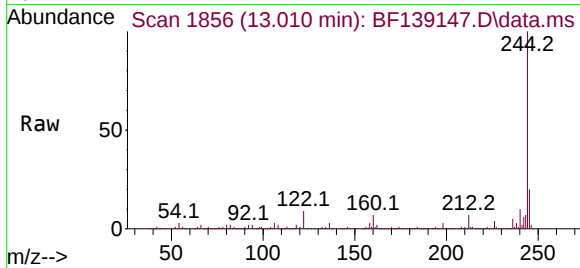
Tgt Ion:240 Resp: 159122
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.6
236 25.0 20.9 31.3



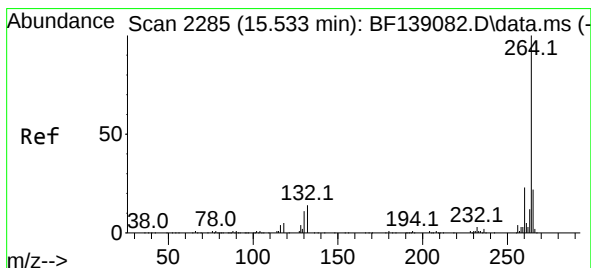
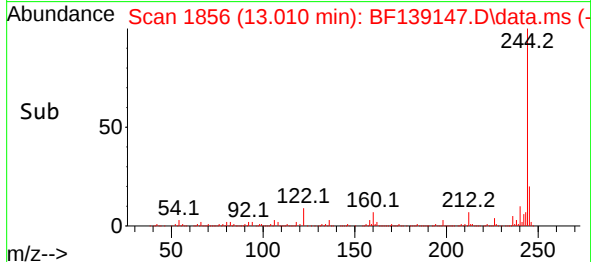
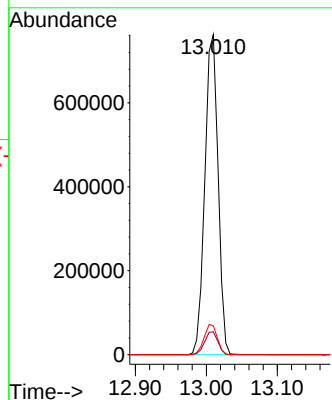


#79
 Terphenyl-d14
 Concen: 103.242 ng
 RT: 13.010 min Scan# 1856
 Delta R.T. -0.000 min
 Lab File: BF139147.D
 Acq: 23 Aug 2024 15:12

Instrument :
 BNA_F
 ClientSampleId :
 WC-1



Tgt Ion:244 Resp: 990060
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.0 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: BF139147.D
 Acq: 23 Aug 2024 15:12

Tgt Ion:264 Resp: 174096
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 21.8 17.4 26.2

