

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
 Data File : BF139119.D
 Acq On : 22 Aug 2024 13:22
 Operator : RC/JU
 Sample : P3641-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-907-K1-0.5-1.0-081524

Quant Time: Aug 22 13:48:20 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)

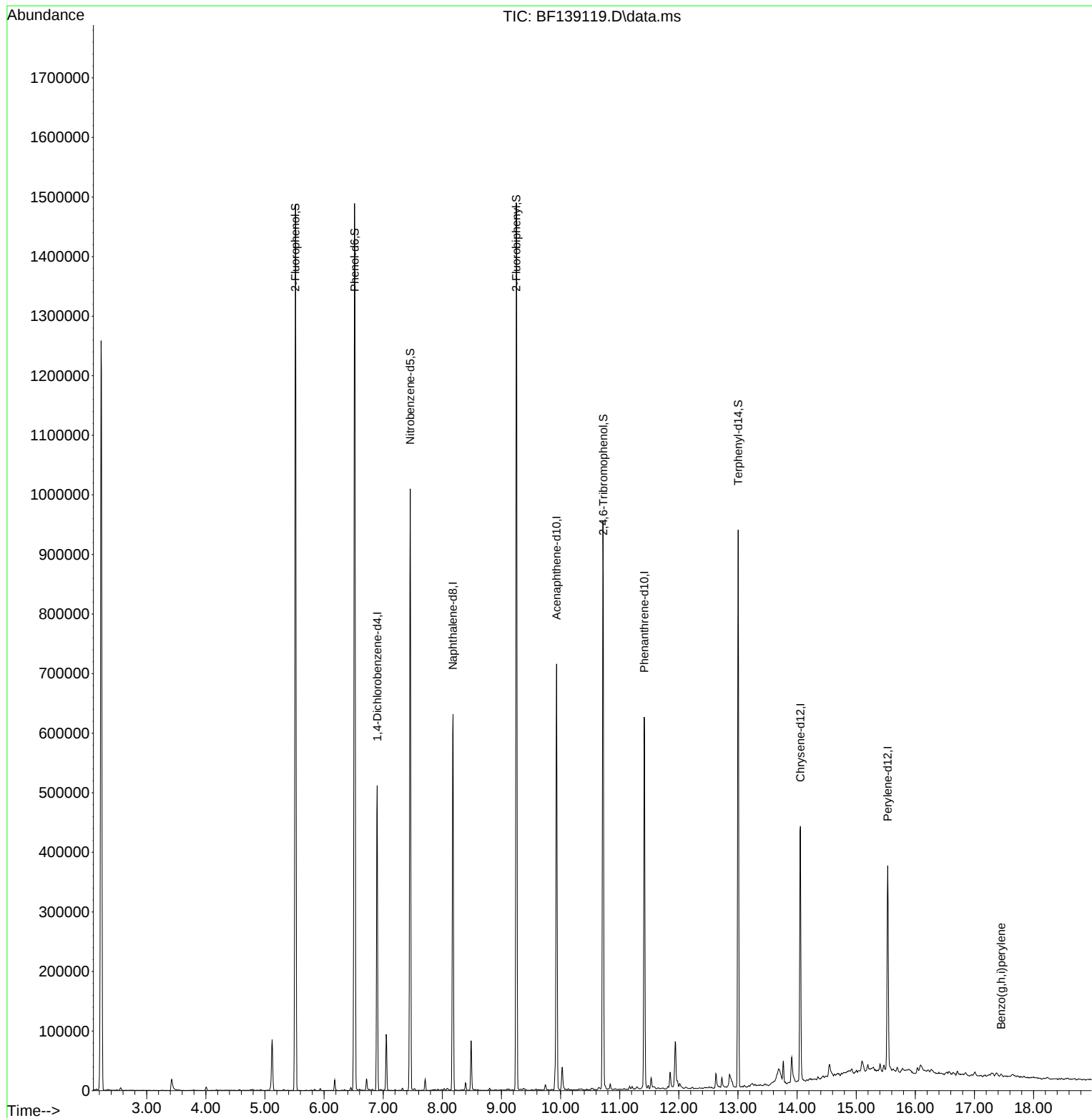
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	99830	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	364776	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	205382	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	314086	20.000	ng	0.00
76) Chrysene-d12	14.057	240	194609	20.000	ng	0.00
86) Perylene-d12	15.533	264	190955	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	498288	76.793	ng	0.00
7) Phenol-d6	6.516	99	665333	79.355	ng	0.00
23) Nitrobenzene-d5	7.457	82	443004	70.766	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	144305	77.613	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	624060	48.210	ng	0.00
79) Terphenyl-d14	13.004	244	430429	36.700	ng	0.00
Target Compounds						
92) Benzo(g,h,i)perylene	17.450	276	4115	3.164	ng	Qvalue # 92

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

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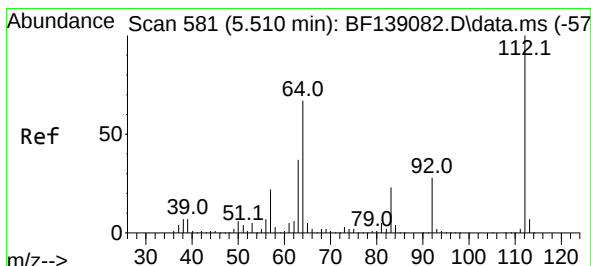
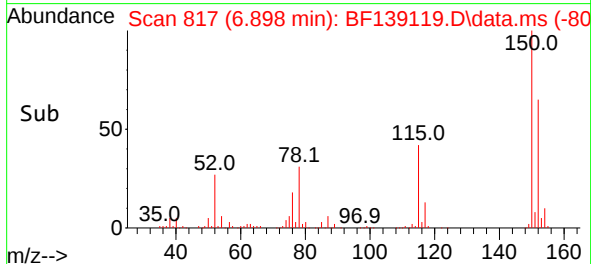
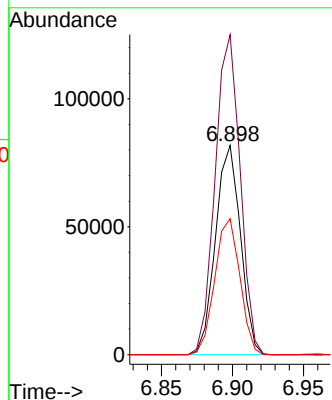
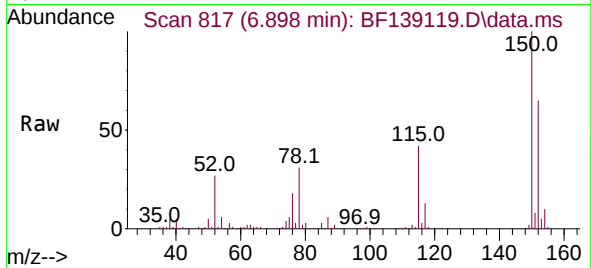




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139119.D
Acq: 22 Aug 2024 13:22

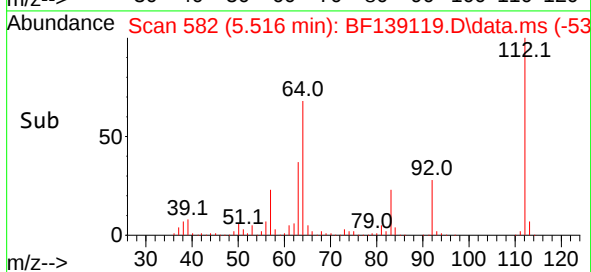
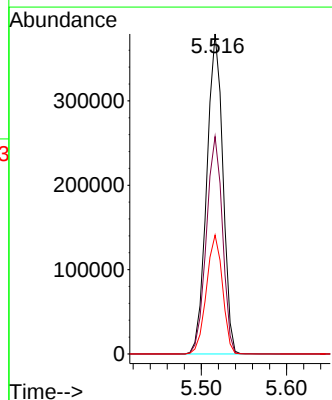
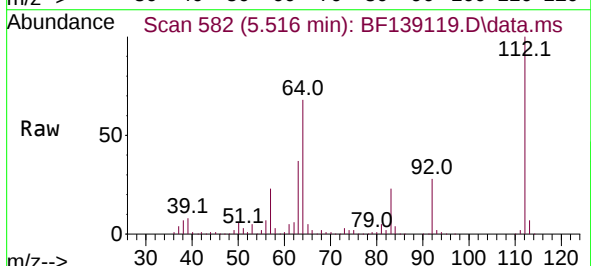
Instrument :
BNA_F
ClientSampleId :
S-907-K1-0.5-1.0-081524

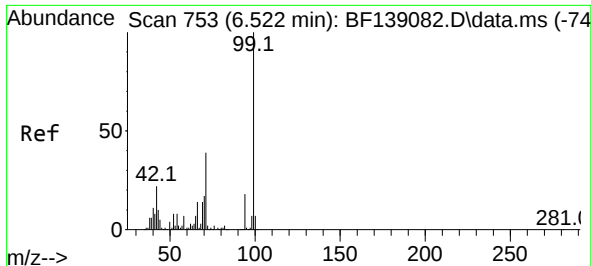
Tgt Ion:152 Resp: 99830
Ion Ratio Lower Upper
152 100
150 152.9 125.1 187.7
115 65.0 51.8 77.6



#5
2-Fluorophenol
Concen: 76.793 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF139119.D
Acq: 22 Aug 2024 13:22

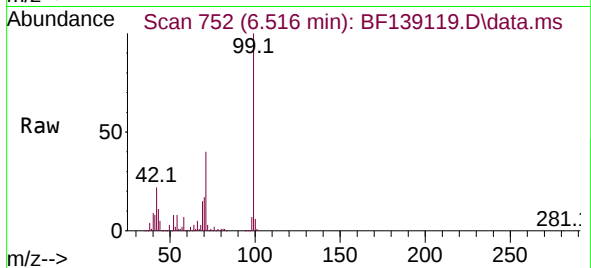
Tgt Ion:112 Resp: 498288
Ion Ratio Lower Upper
112 100
64 68.0 53.8 80.6
63 37.2 29.4 44.2



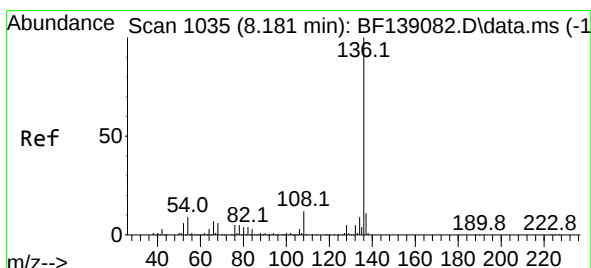
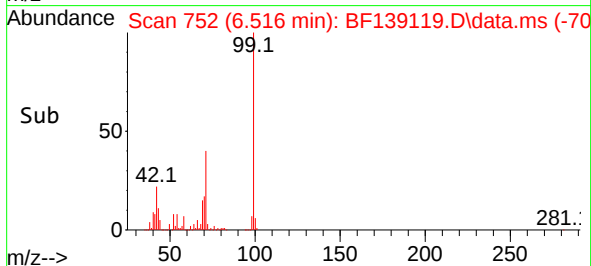
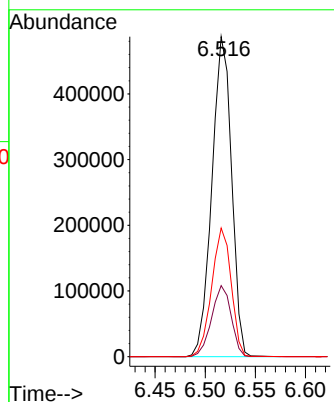


#7
Phenol-d6
Concen: 79.355 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139119.D
Acq: 22 Aug 2024 13:22

Instrument :
BNA_F
ClientSampleId :
S-907-K1-0.5-1.0-081524

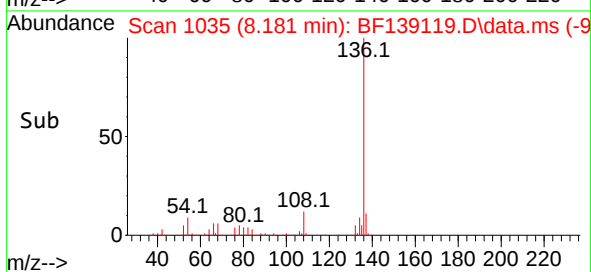
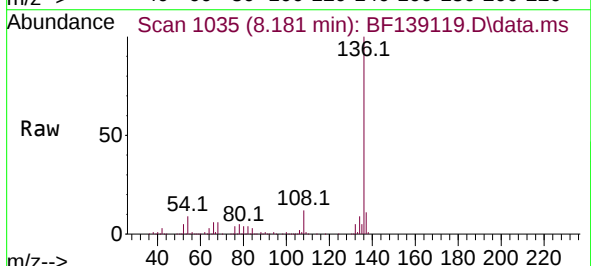
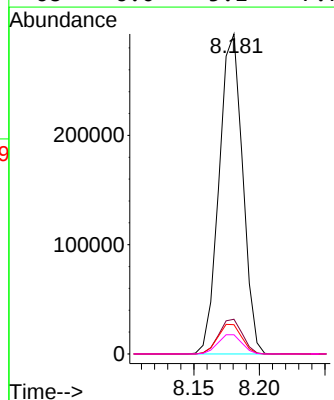


Tgt Ion: 99 Resp: 665333
Ion Ratio Lower Upper
99 100
42 22.2 17.4 26.2
71 40.2 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139119.D
Acq: 22 Aug 2024 13:22

Tgt Ion: 136 Resp: 364776
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.2 7.6 11.4
68 6.0 5.1 7.7





#23

Nitrobenzene-d5

Concen: 70.766 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF139119.D

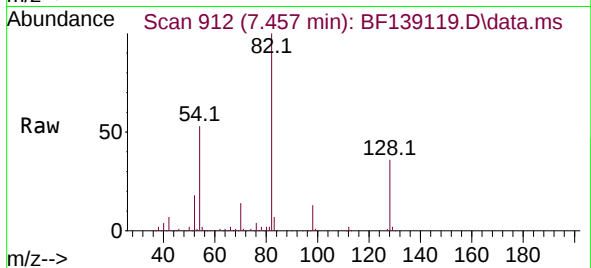
Acq: 22 Aug 2024 13:22

Instrument :

BNA_F

ClientSampleId :

S-907-K1-0.5-1.0-081524



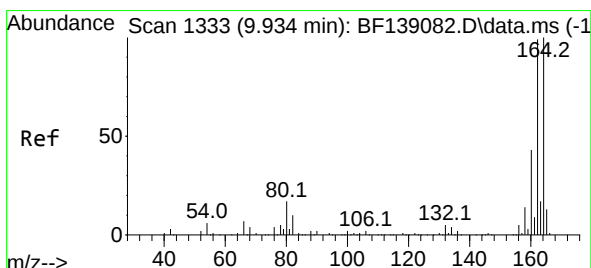
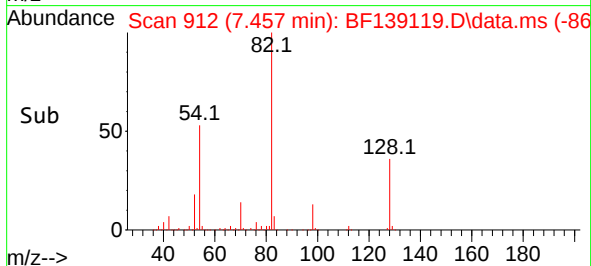
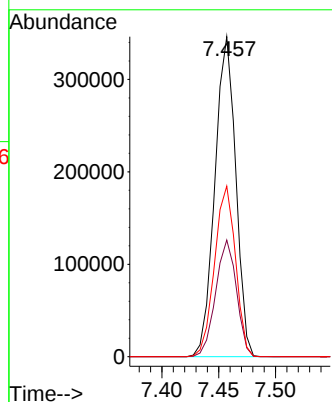
Tgt Ion: 82 Resp: 443004

Ion Ratio Lower Upper

82 100

128 36.5 29.0 43.4

54 53.3 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: BF139119.D

Acq: 22 Aug 2024 13:22

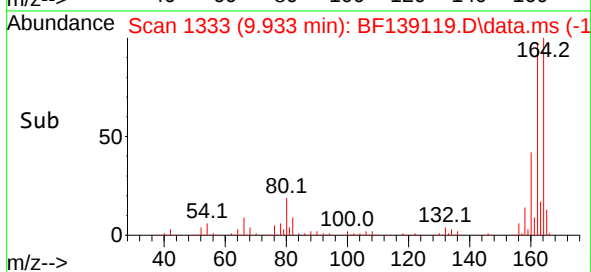
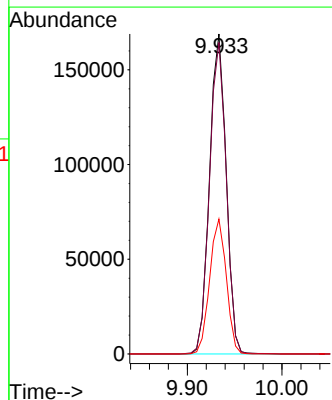
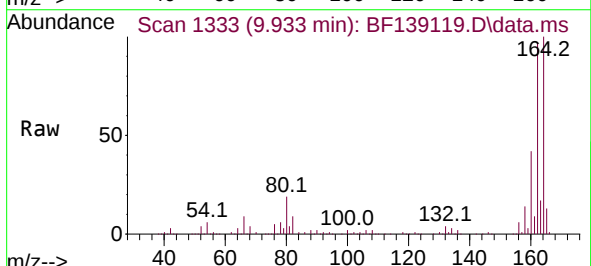
Tgt Ion: 164 Resp: 205382

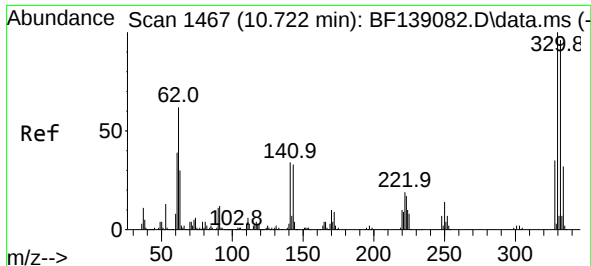
Ion Ratio Lower Upper

164 100

162 97.3 79.5 119.3

160 42.1 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 77.613 ng

RT: 10.722 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF139119.D

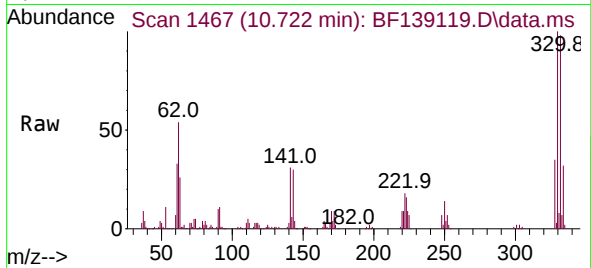
Acq: 22 Aug 2024 13:22

Instrument :

BNA_F

ClientSampleId :

S-907-K1-0.5-1.0-081524



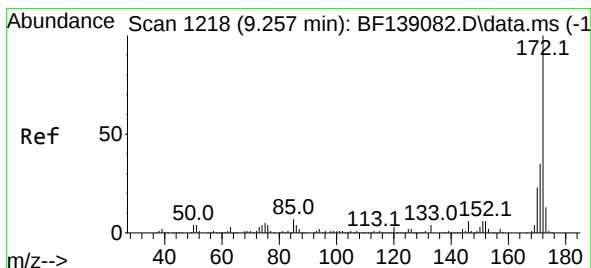
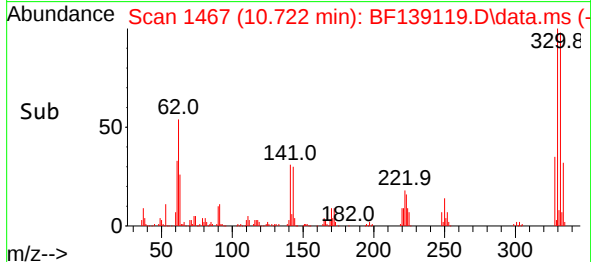
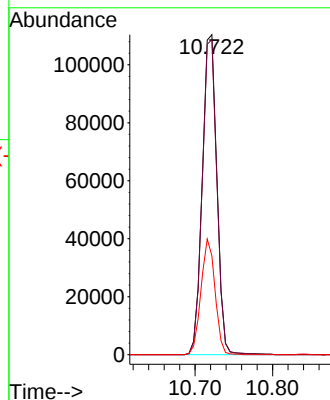
Tgt Ion: 330 Resp: 144305

Ion Ratio Lower Upper

330 100

332 98.4 77.0 115.6

141 34.8 27.5 41.3



#45

2-Fluorobiphenyl

Concen: 48.210 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF139119.D

Acq: 22 Aug 2024 13:22

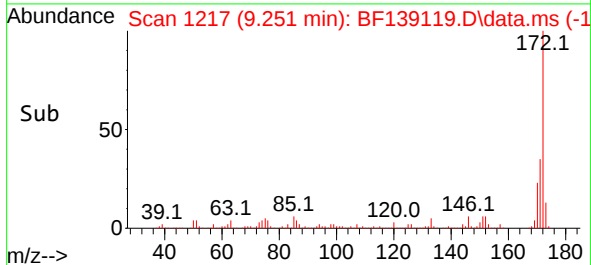
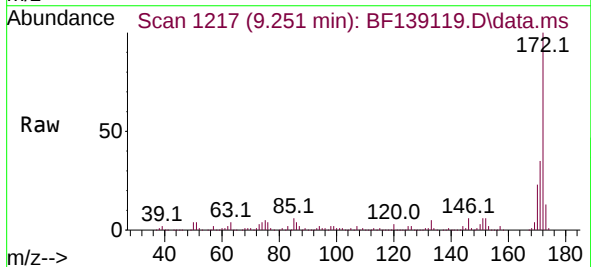
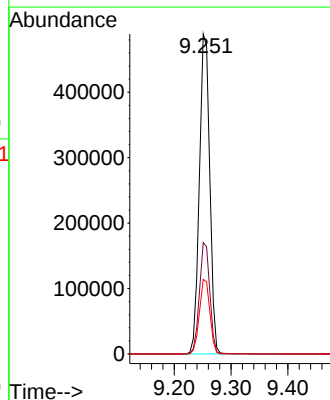
Tgt Ion: 172 Resp: 624060

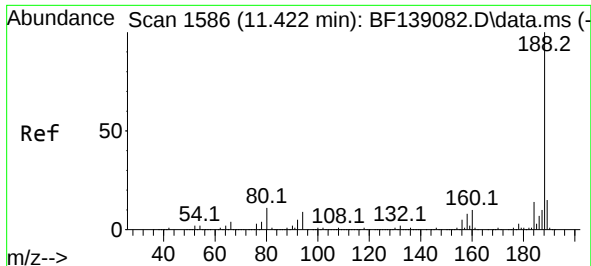
Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 23.3 18.8 28.2

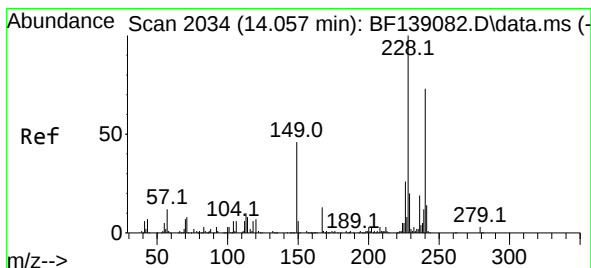
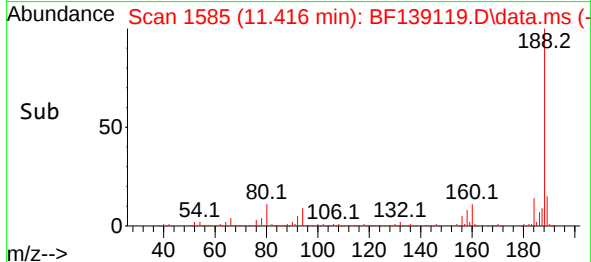
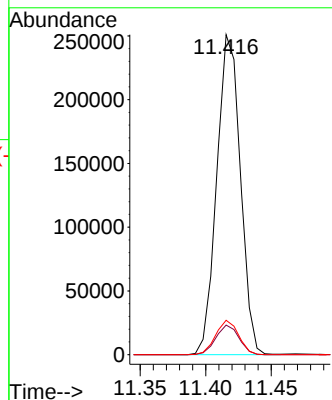
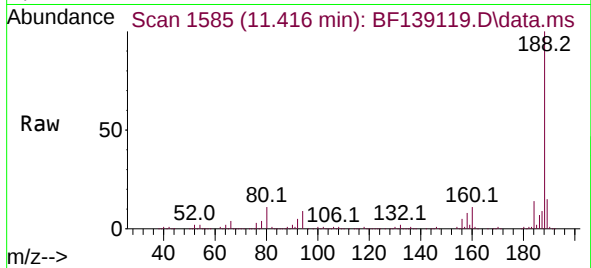




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139119.D
Acq: 22 Aug 2024 13:22

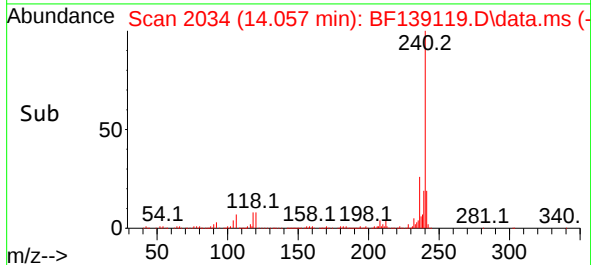
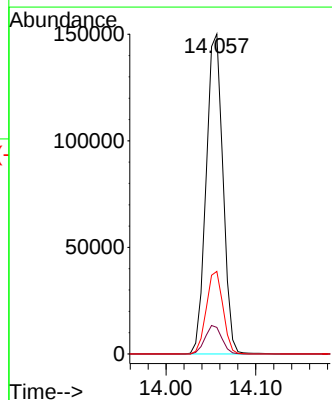
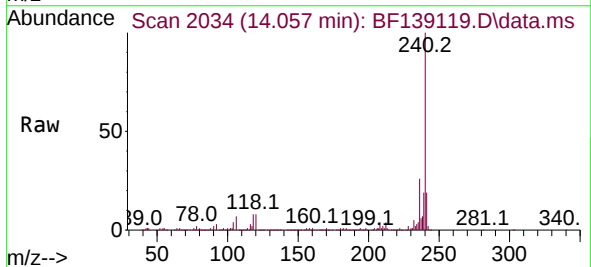
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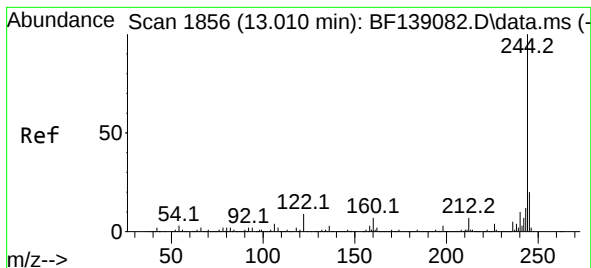
Tgt Ion:188 Resp: 314086
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.7 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF139119.D
Acq: 22 Aug 2024 13:22

Tgt Ion:240 Resp: 194609
Ion Ratio Lower Upper
240 100
120 8.3 7.8 11.6
236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 36.700 ng

RT: 13.004 min Scan# 1855

Delta R.T. -0.006 min

Lab File: BF139119.D

Acq: 22 Aug 2024 13:22

Instrument :

BNA_F

ClientSampleId :

S-907-K1-0.5-1.0-081524

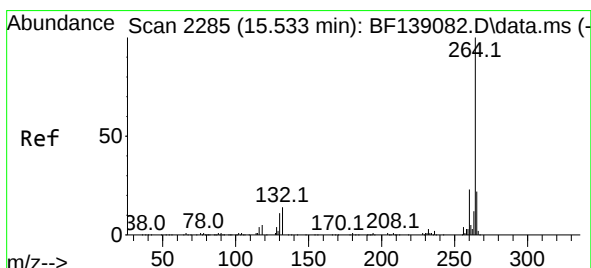
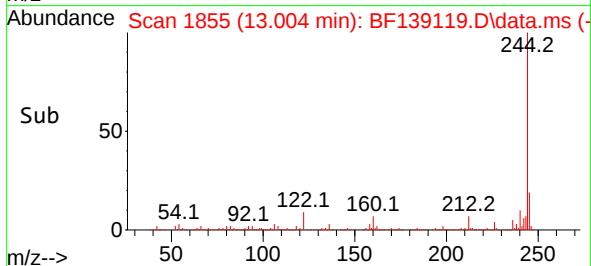
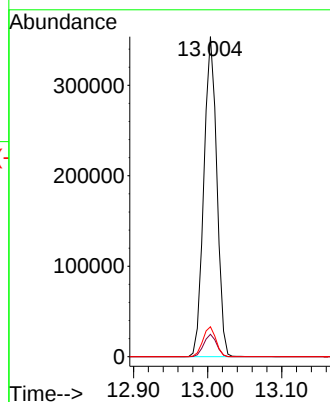
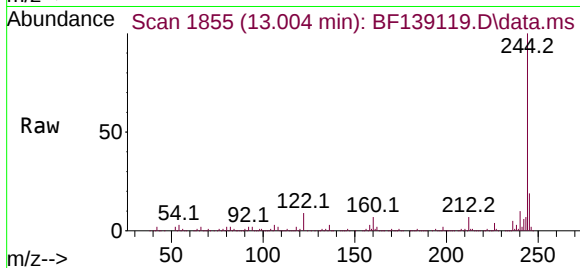
Tgt Ion:244 Resp: 430429

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 9.3 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: BF139119.D

Acq: 22 Aug 2024 13:22

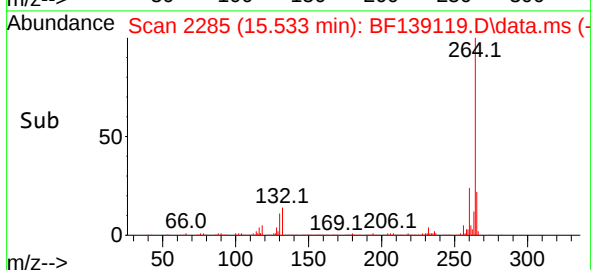
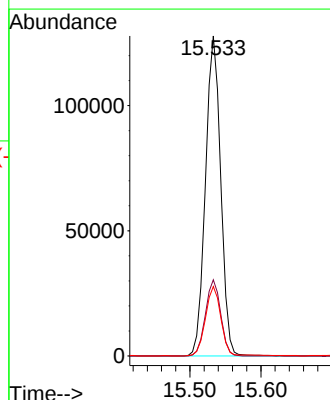
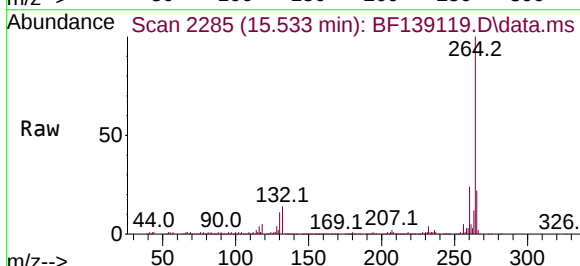
Tgt Ion:264 Resp: 190955

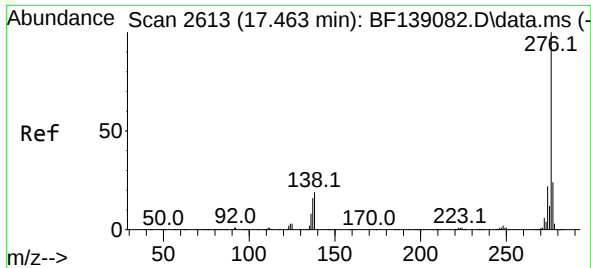
Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.7 17.4 26.2





#92

Benzo(g,h,i)perylene

Concen: 3.164 ng

RT: 17.450 min Scan# 20

Delta R.T. -0.013 min

Lab File: BF139119.D

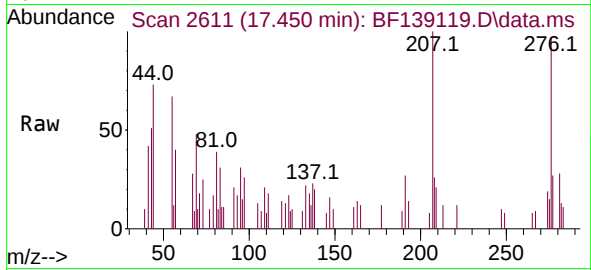
Acq: 22 Aug 2024 13:22

Instrument :

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Tgt Ion:276 Resp: 4115

Ion Ratio Lower Upper

276 100

277 28.3 18.8 28.2#

138 20.8 15.0 22.4

