

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139157.D
 Acq On : 23 Aug 2024 20:15
 Operator : RC/JU
 Sample : P3707-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-930-K1-SO-0-0.5-082024

Quant Time: Aug 23 23:22:28 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)

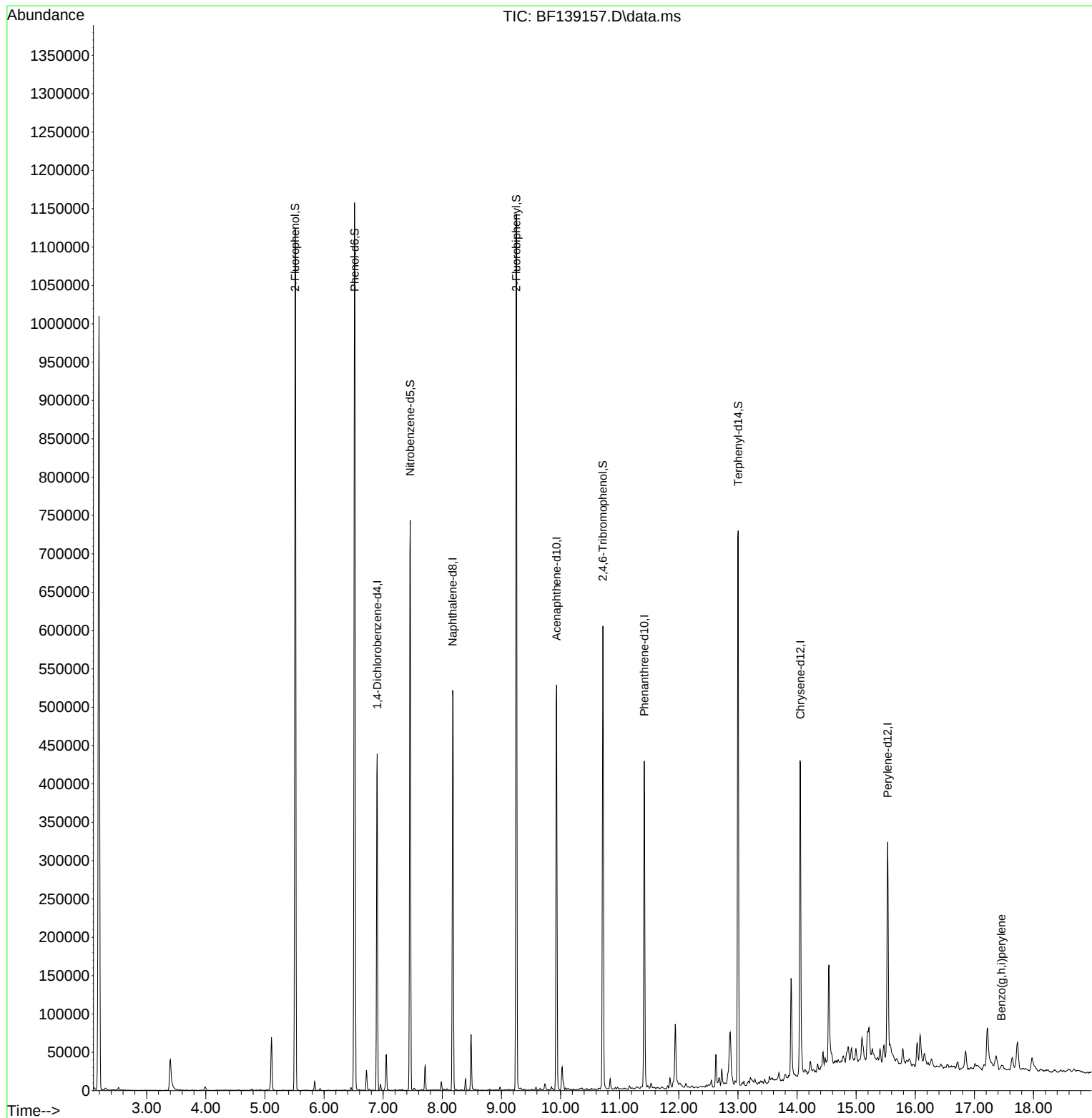
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	86122	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	306315	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	156342	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	214184	20.000	ng	0.00
76) Chrysene-d12	14.057	240	186132	20.000	ng	0.00
86) Perylene-d12	15.533	264	158190	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	386284	69.007	ng	0.00
7) Phenol-d6	6.516	99	498313	68.895	ng	0.00
23) Nitrobenzene-d5	7.457	82	327765	62.350	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	90030	63.610	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	466813	47.374	ng	0.00
79) Terphenyl-d14	13.004	244	352312	31.407	ng	0.00
Target Compounds						
92) Benzo(g,h,i)perylene	17.457	276	4510	3.284	ng	Qvalue 98

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

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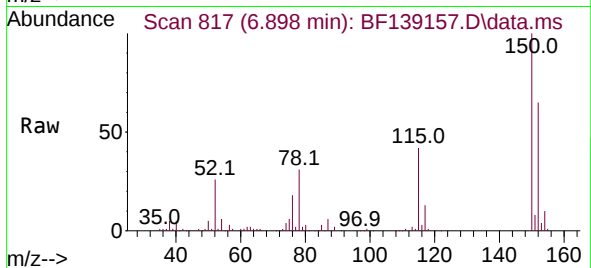
Quant Time: Aug 23 23:22:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
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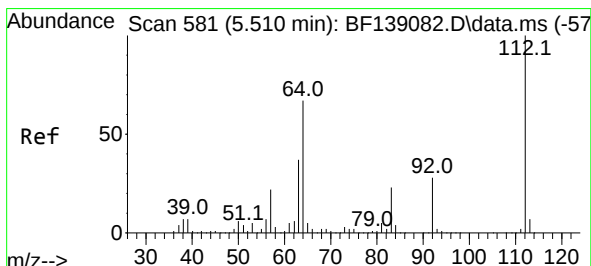
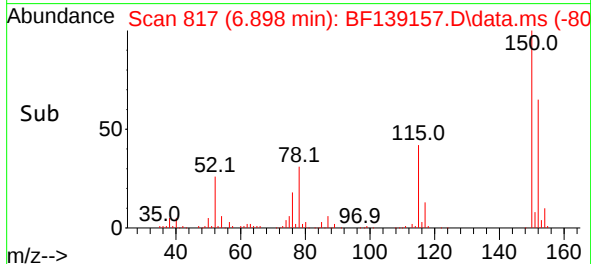
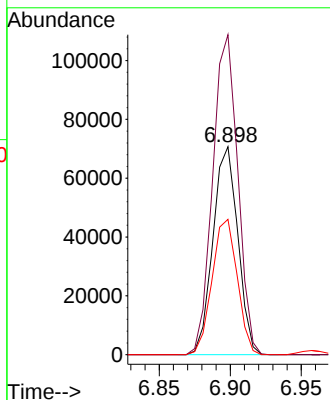


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139157.D
Acq: 23 Aug 2024 20:15

Instrument :
BNA_F
ClientSampleId :
S-930-K1-SO-0-0.5-082024

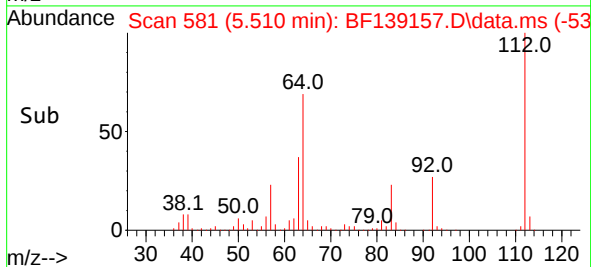
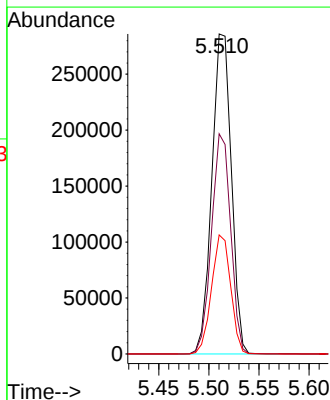
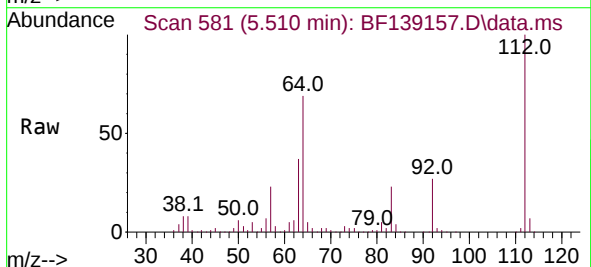


Tgt Ion:152 Resp: 86122
Ion Ratio Lower Upper
152 100
150 153.8 125.1 187.7
115 65.1 51.8 77.6



#5
2-Fluorophenol
Concen: 69.007 ng
RT: 5.510 min Scan# 581
Delta R.T. -0.000 min
Lab File: BF139157.D
Acq: 23 Aug 2024 20:15

Tgt Ion:112 Resp: 386284
Ion Ratio Lower Upper
112 100
64 68.8 53.8 80.6
63 37.2 29.4 44.2

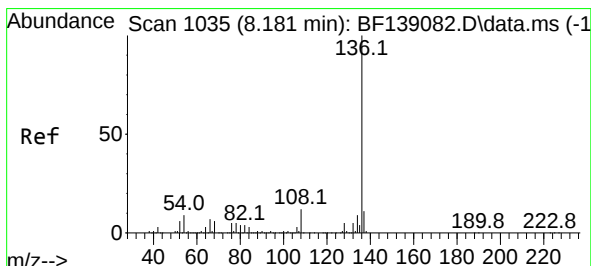
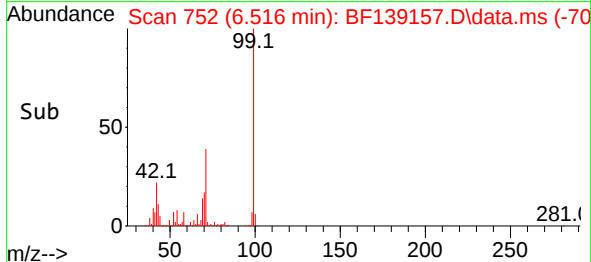
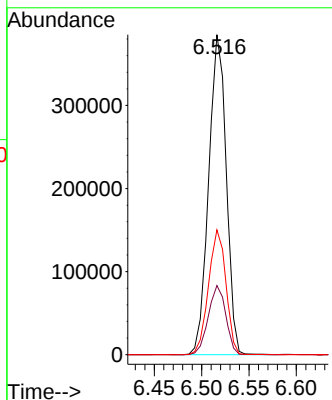
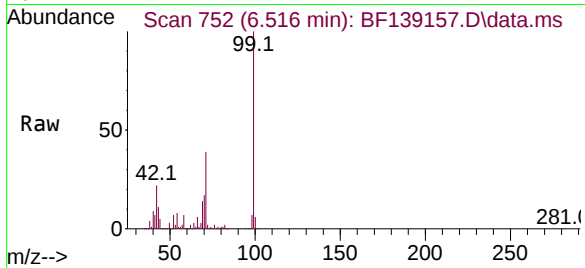




#7
Phenol-d6
Concen: 68.895 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139157.D
Acq: 23 Aug 2024 20:15

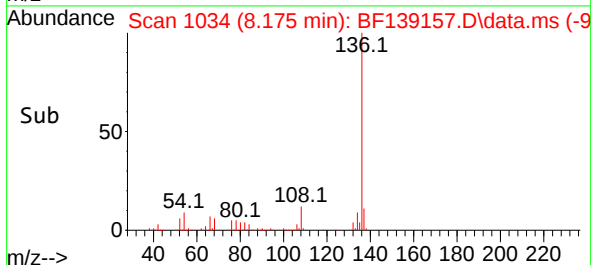
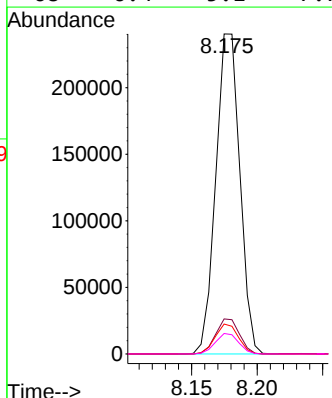
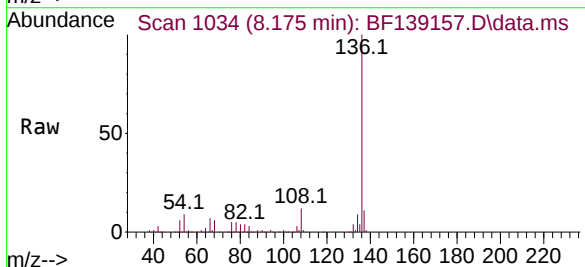
Instrument :
BNA_F
ClientSampleId :
S-930-K1-SO-0-0.5-082024

Tgt Ion: 99 Resp: 498313
Ion Ratio Lower Upper
99 100
42 21.6 17.4 26.2
71 39.0 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139157.D
Acq: 23 Aug 2024 20:15

Tgt Ion: 136 Resp: 306315
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.4 7.6 11.4
68 6.4 5.1 7.7





#23

Nitrobenzene-d5

Concen: 62.350 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF139157.D

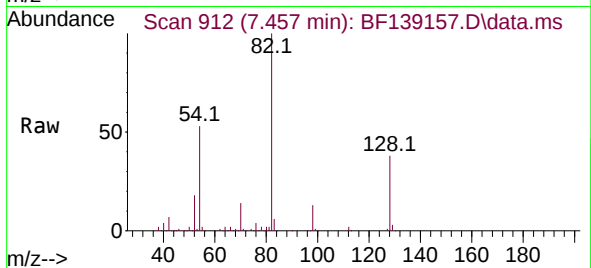
Acq: 23 Aug 2024 20:15

Instrument :

BNA_F

ClientSampleId :

S-930-K1-SO-0-0.5-082024



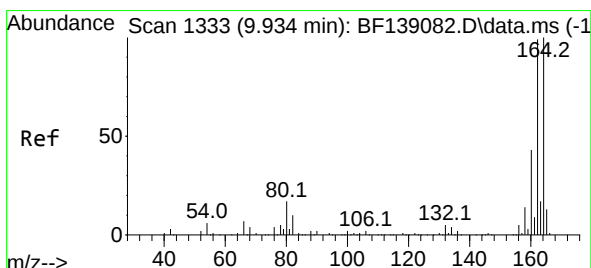
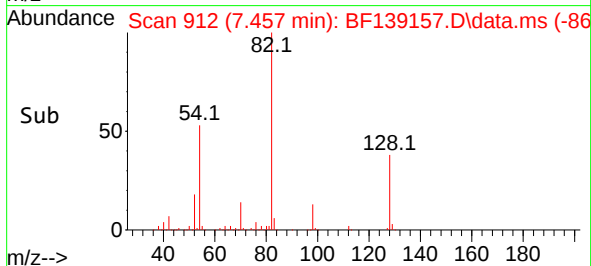
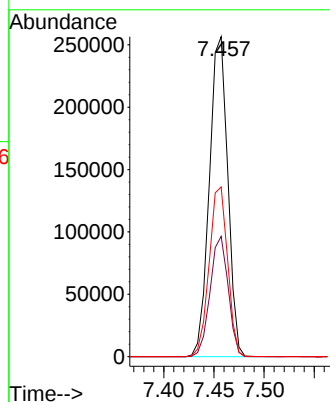
Tgt Ion: 82 Resp: 327765

Ion Ratio Lower Upper

82 100

128 37.6 29.0 43.4

54 53.0 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: BF139157.D

Acq: 23 Aug 2024 20:15

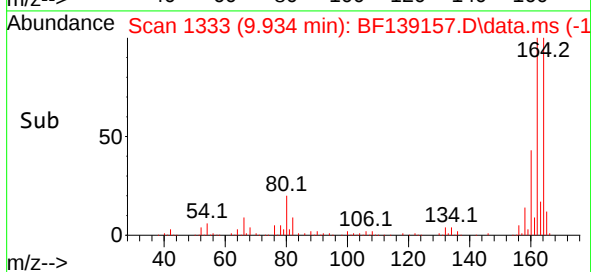
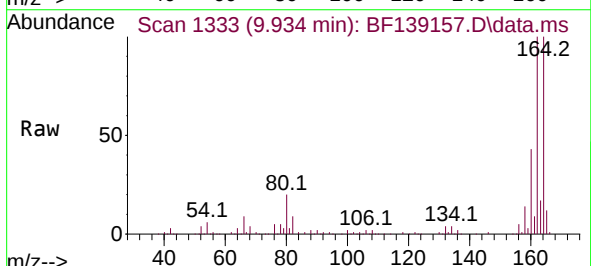
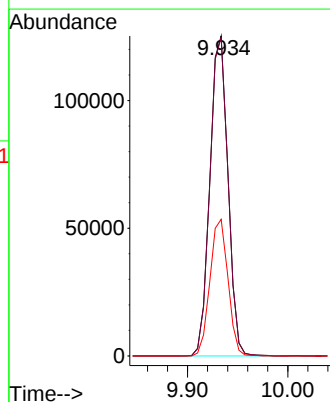
Tgt Ion: 164 Resp: 156342

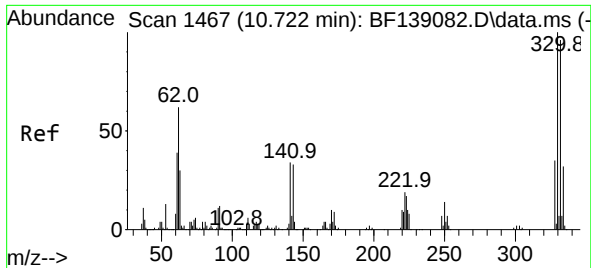
Ion Ratio Lower Upper

164 100

162 99.5 79.5 119.3

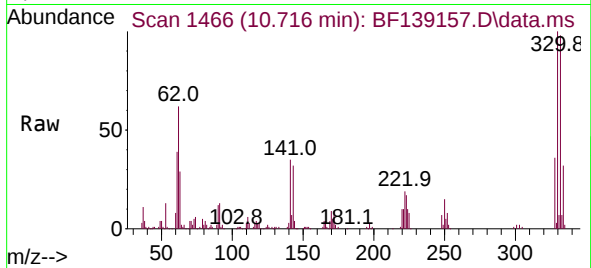
160 42.7 34.5 51.7



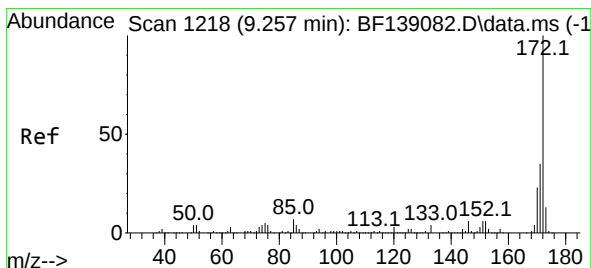
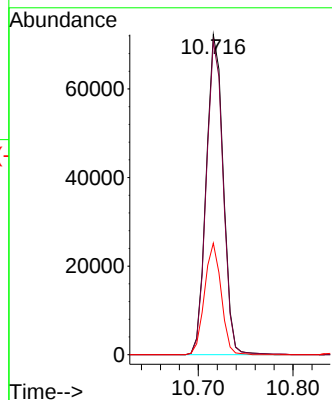
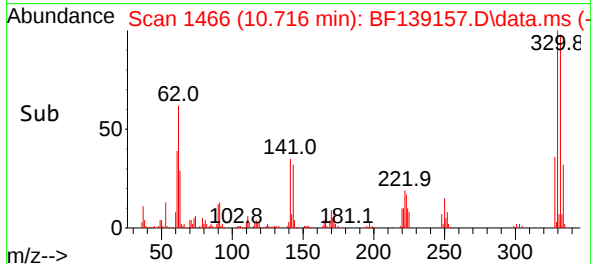


#42
2,4,6-Tribromophenol
Concen: 63.610 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139157.D
Acq: 23 Aug 2024 20:15

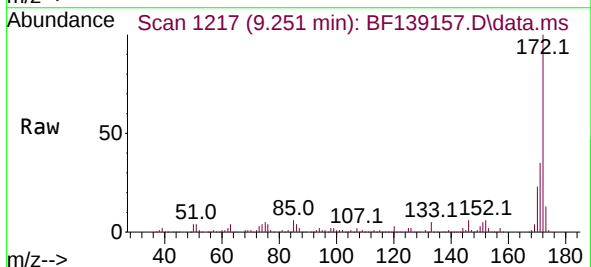
Instrument :
BNA_F
ClientSampleId :
S-930-K1-SO-0-0.5-082024



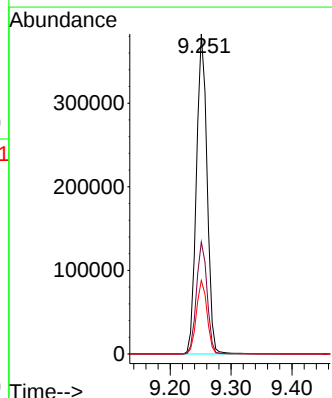
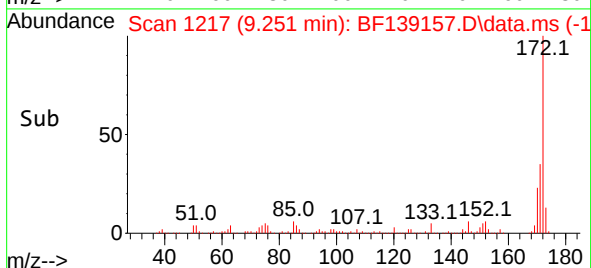
Tgt Ion: 330 Resp: 90030
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 33.9 27.5 41.3

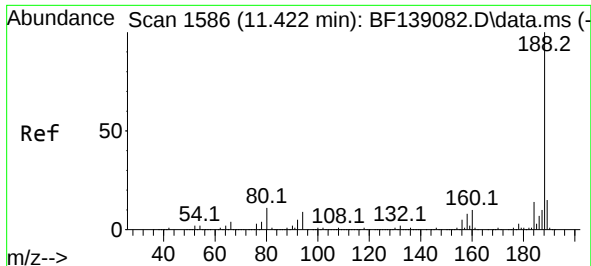


#45
2-Fluorobiphenyl
Concen: 47.374 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF139157.D
Acq: 23 Aug 2024 20:15



Tgt Ion: 172 Resp: 466813
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 22.9 18.8 28.2

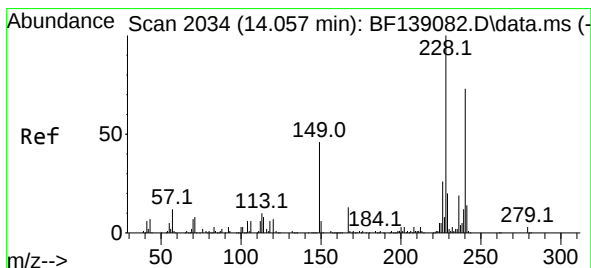
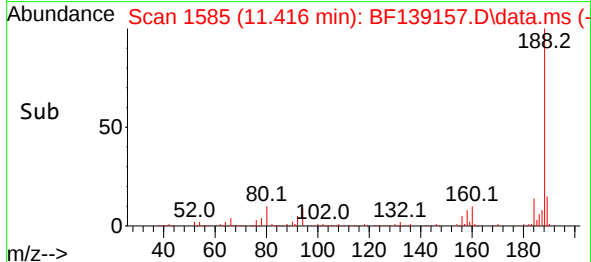
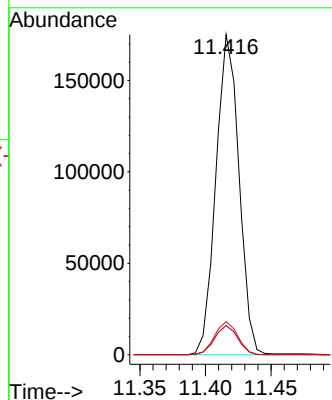
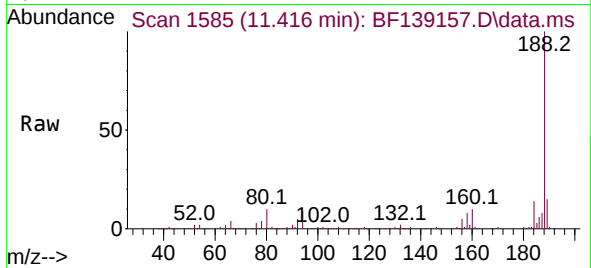




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139157.D
Acq: 23 Aug 2024 20:15

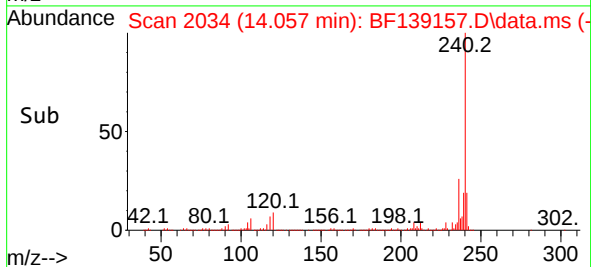
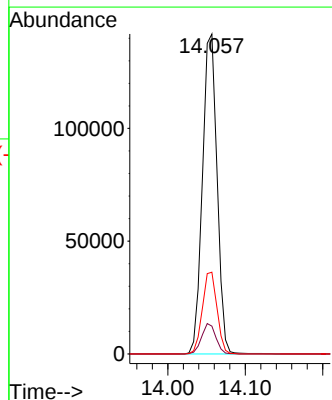
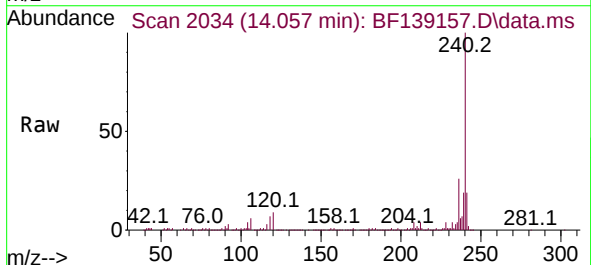
Instrument :
BNA_F
ClientSampleId :
S-930-K1-SO-0-0.5-082024

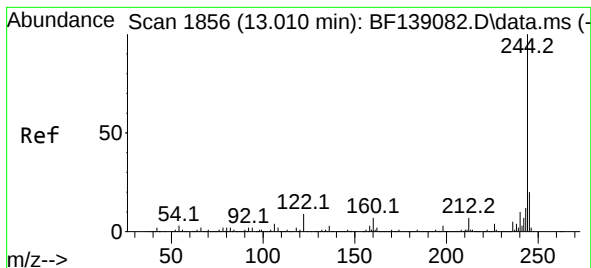
Tgt Ion:188 Resp: 214184
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.4 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF139157.D
Acq: 23 Aug 2024 20:15

Tgt Ion:240 Resp: 186132
Ion Ratio Lower Upper
240 100
120 8.7 7.8 11.6
236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 31.407 ng

RT: 13.004 min Scan# 1855

Delta R.T. -0.006 min

Lab File: BF139157.D

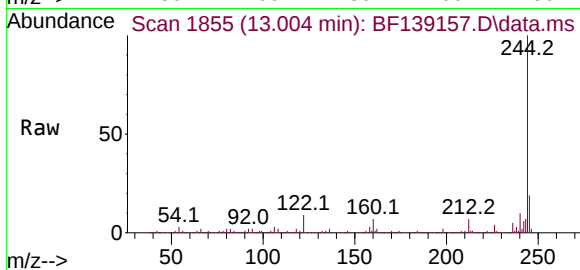
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BNA_F

ClientSampleId :

S-930-K1-SO-0-0.5-082024



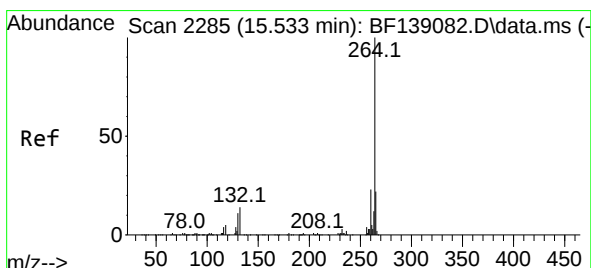
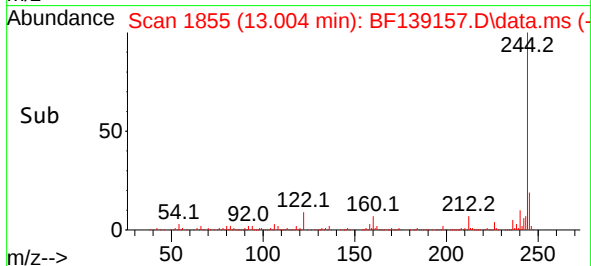
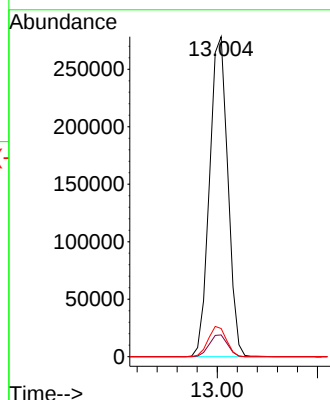
Tgt Ion:244 Resp: 352312

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

122 8.8 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: BF139157.D

Acq: 23 Aug 2024 20:15

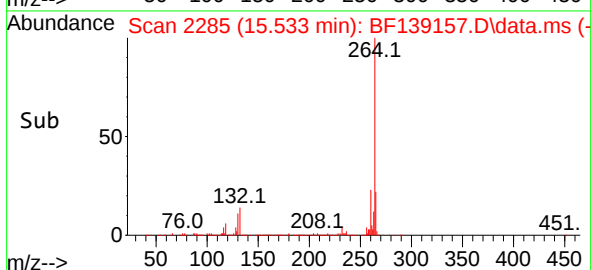
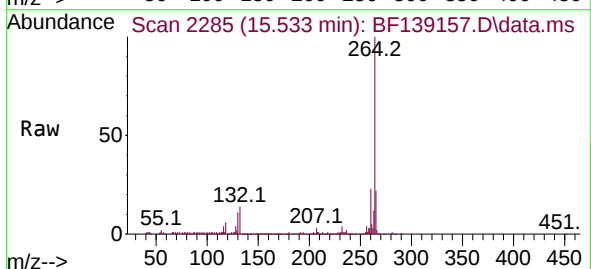
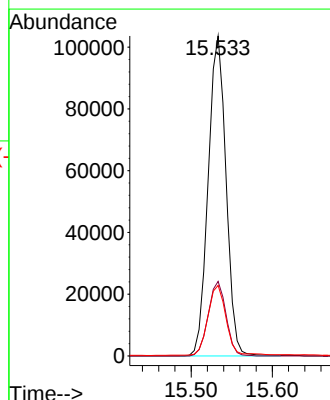
Tgt Ion:264 Resp: 158190

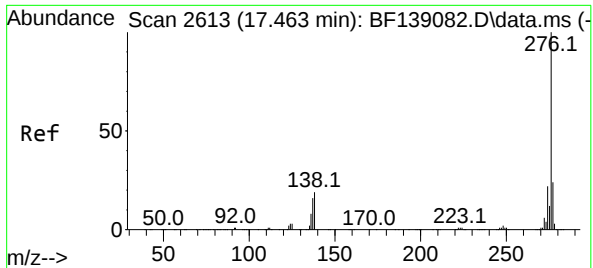
Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

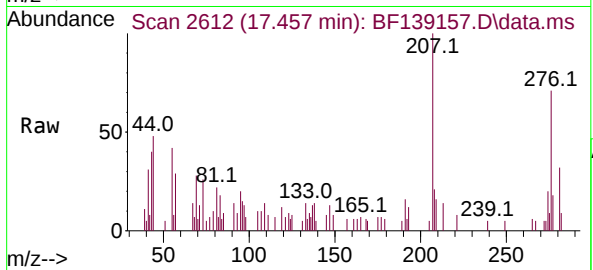
265 22.0 17.4 26.2





#92
 Benzo(g,h,i)perylene
 Concen: 3.284 ng
 RT: 17.457 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF139157.D
 Acq: 23 Aug 2024 20:15

Instrument :
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Tgt Ion:	276	Resp:	4510
Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.8	28.2
138	19.4	15.0	22.4

