

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
 Data File : BF139097.D
 Acq On : 21 Aug 2024 12:51
 Operator : RC/JU
 Sample : P3660-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-906-J-0.5-1-081624

Quant Time: Aug 21 13:13:22 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)

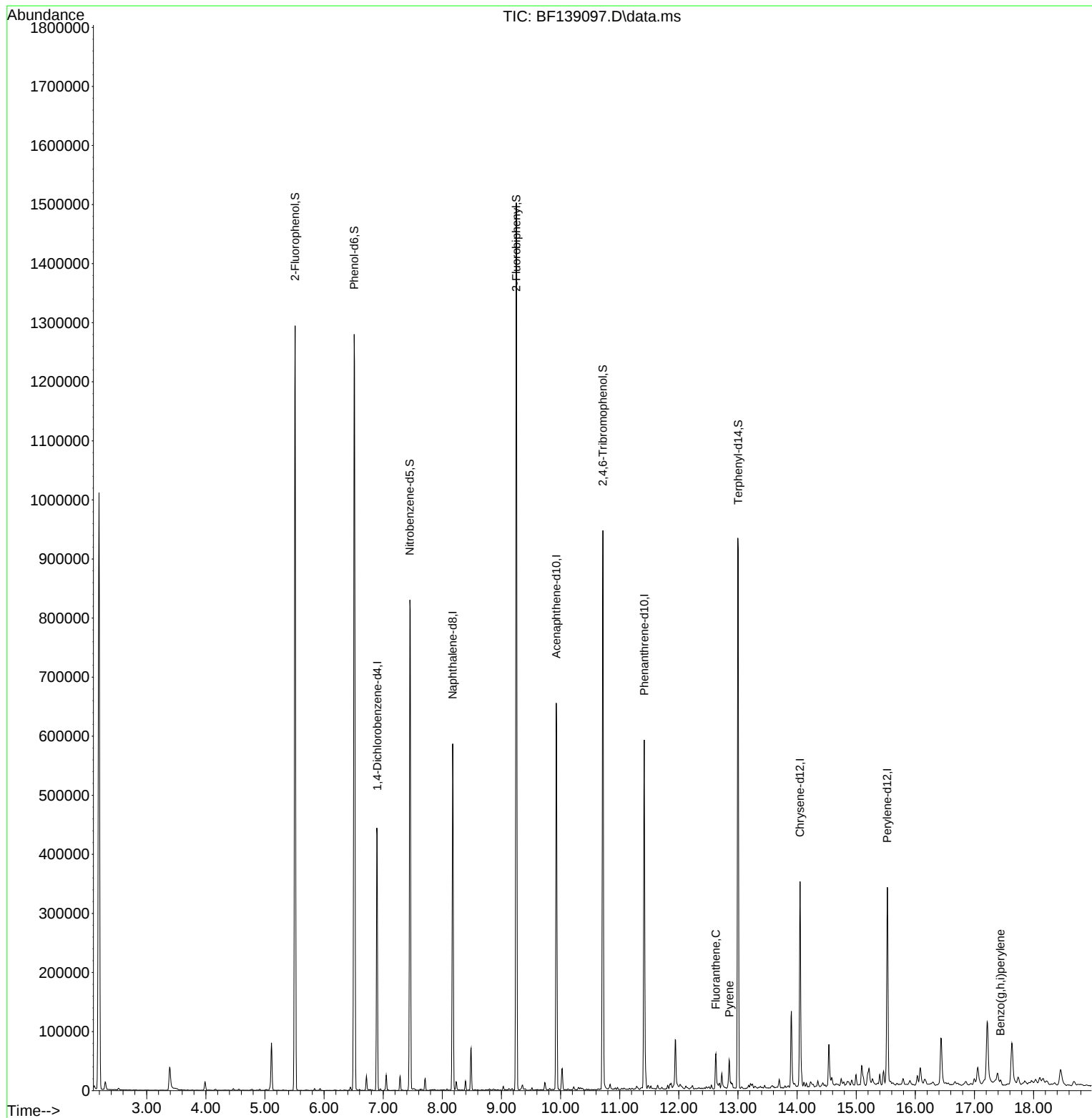
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	86738	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	333593	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	187007	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	293759	20.000	ng	0.00
76) Chrysene-d12	14.051	240	147747	20.000	ng	0.00
86) Perylene-d12	15.527	264	190769	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	435645	77.273	ng	0.00
7) Phenol-d6	6.510	99	584259	80.203	ng	-0.01
23) Nitrobenzene-d5	7.451	82	371749	64.935	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	139850	82.607	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	607662	51.555	ng	0.00
79) Terphenyl-d14	13.004	244	452579	50.828	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.627	202	32333	2.029	ng	99
78) Pyrene	12.857	202	26816	2.175	ng	100
92) Benzo(g,h,i)perylene	17.439	276	7571	3.475	ng	96

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

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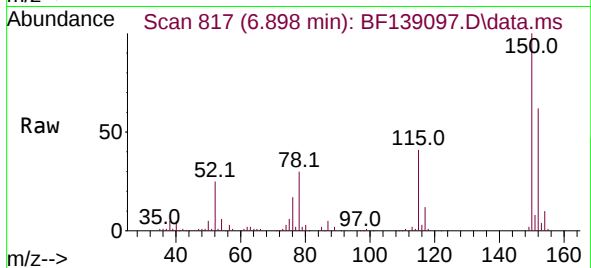
Quant Time: Aug 21 13:13:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
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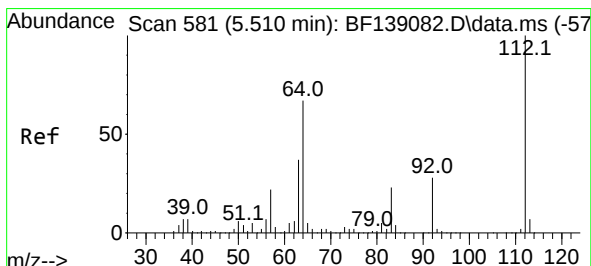
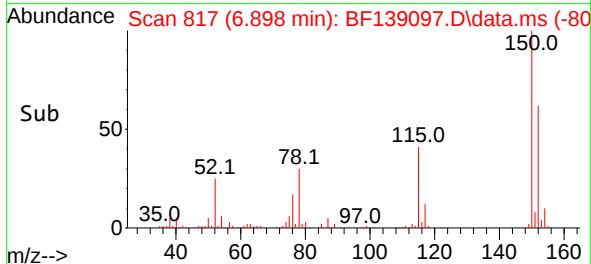
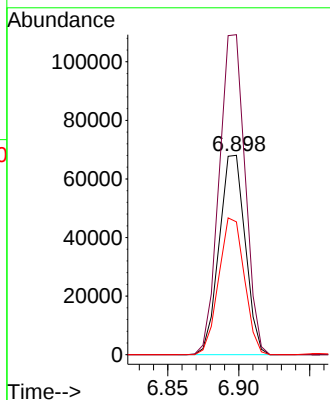


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF139097.D
Acq: 21 Aug 2024 12:51

Instrument :
BNA_F
ClientSampleId :
S-906-J-0.5-1-081624

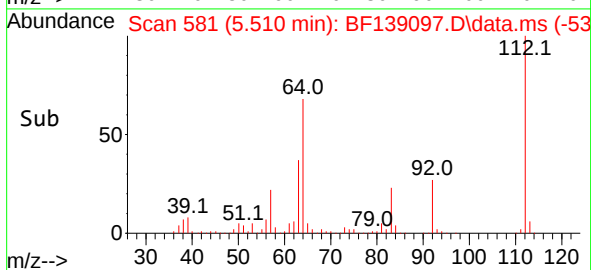
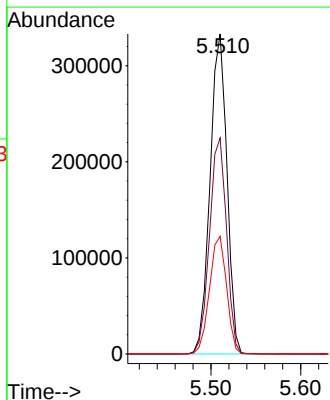
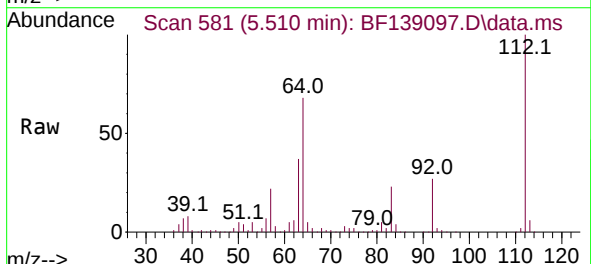


Tgt Ion:152 Resp: 86738
Ion Ratio Lower Upper
152 100
150 160.6 125.1 187.7
115 66.6 51.8 77.6



#5
2-Fluorophenol
Concen: 77.273 ng
RT: 5.510 min Scan# 581
Delta R.T. -0.000 min
Lab File: BF139097.D
Acq: 21 Aug 2024 12:51

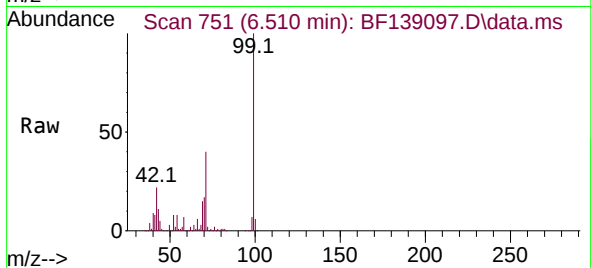
Tgt Ion:112 Resp: 435645
Ion Ratio Lower Upper
112 100
64 67.5 53.8 80.6
63 36.7 29.4 44.2



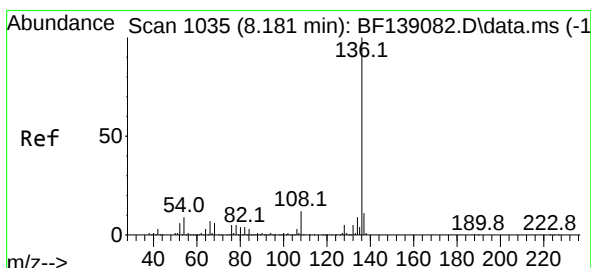
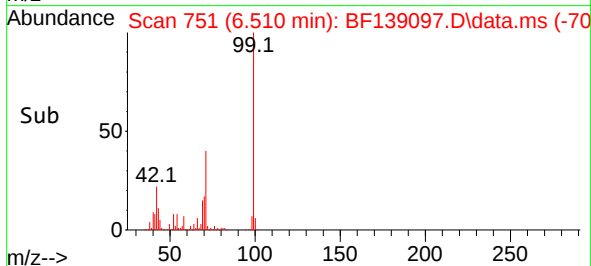
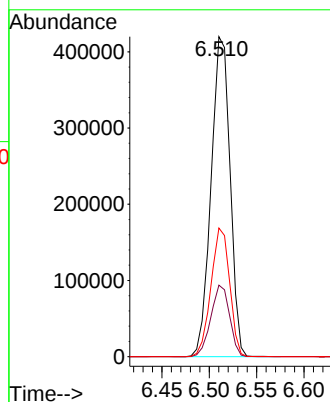


#7
Phenol-d6
Concen: 80.203 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139097.D
Acq: 21 Aug 2024 12:51

Instrument :
BNA_F
ClientSampleId :
S-906-J-0.5-1-081624

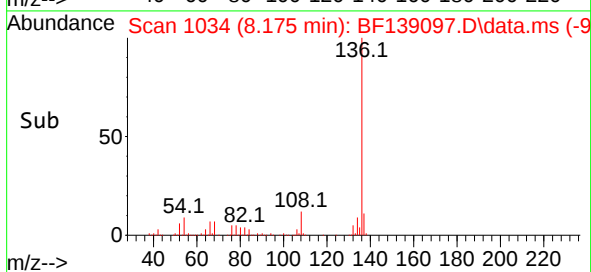
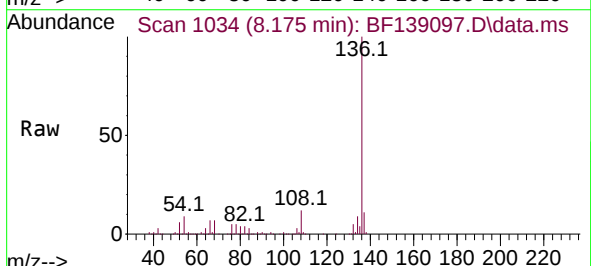
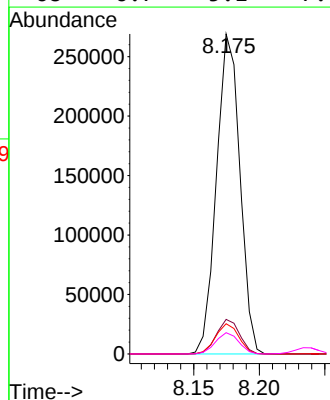


Tgt Ion: 99 Resp: 584259
Ion Ratio Lower Upper
99 100
42 22.3 17.4 26.2
71 40.2 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139097.D
Acq: 21 Aug 2024 12:51

Tgt Ion: 136 Resp: 333593
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.5 7.6 11.4
68 6.7 5.1 7.7





#23

Nitrobenzene-d5

Concen: 64.935 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF139097.D

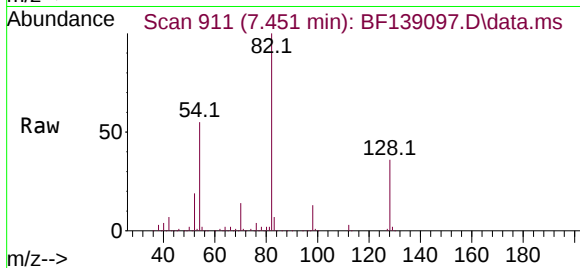
Acq: 21 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

S-906-J-0.5-1-081624



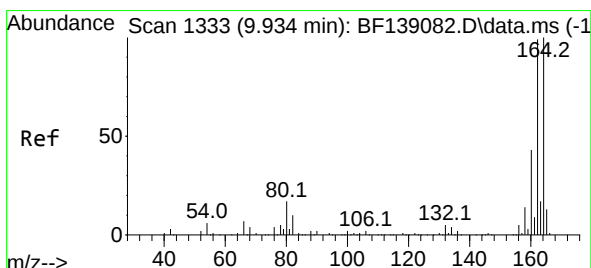
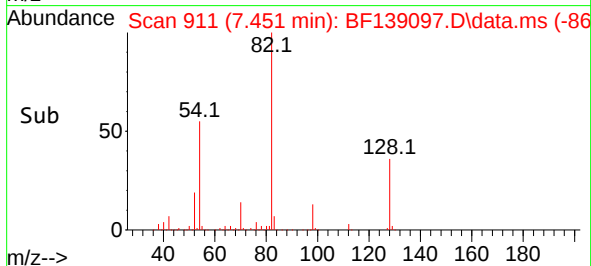
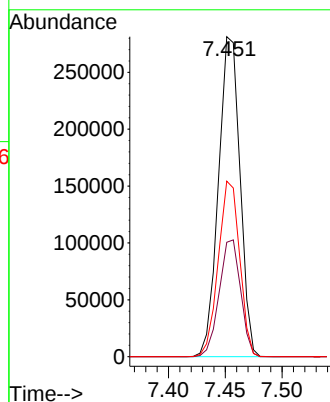
Tgt Ion: 82 Resp: 371749

Ion Ratio Lower Upper

82 100

128 35.7 29.0 43.4

54 54.8 43.4 65.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF139097.D

Acq: 21 Aug 2024 12:51

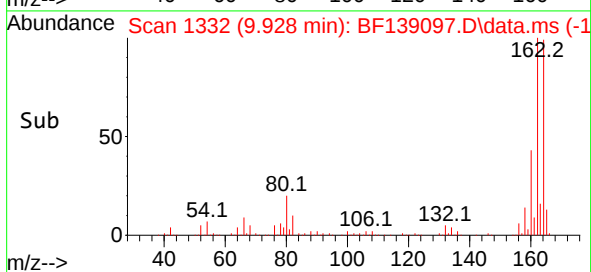
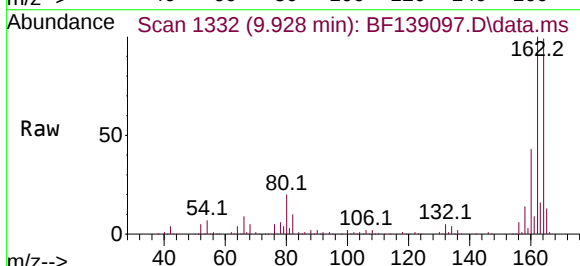
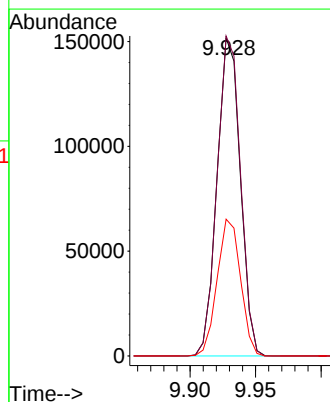
Tgt Ion: 164 Resp: 187007

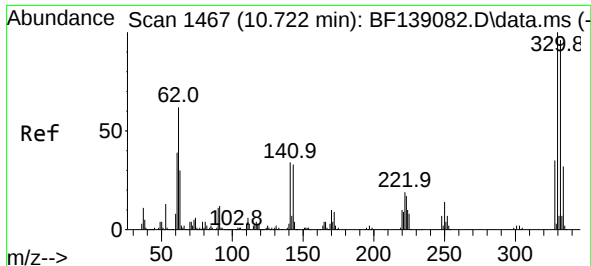
Ion Ratio Lower Upper

164 100

162 100.6 79.5 119.3

160 43.0 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 82.607 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139097.D

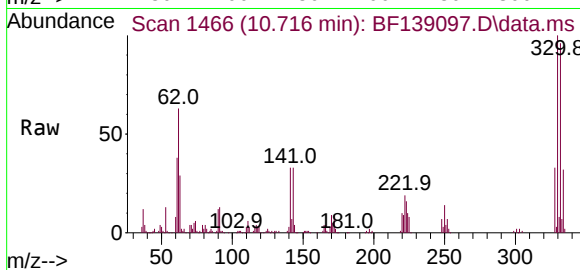
Acq: 21 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

S-906-J-0.5-1-081624



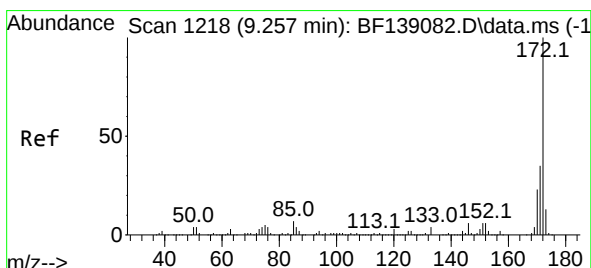
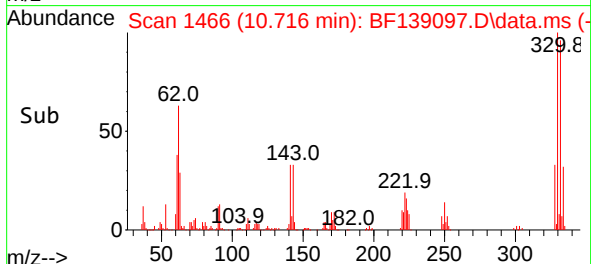
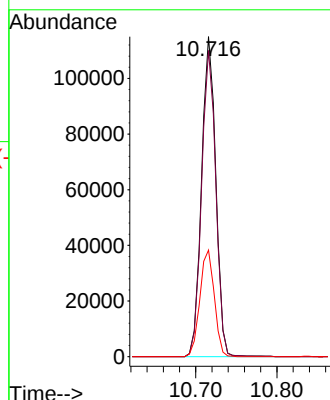
Tgt Ion:330 Resp: 139850

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

141 33.8 27.5 41.3



#45

2-Fluorobiphenyl

Concen: 51.555 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF139097.D

Acq: 21 Aug 2024 12:51

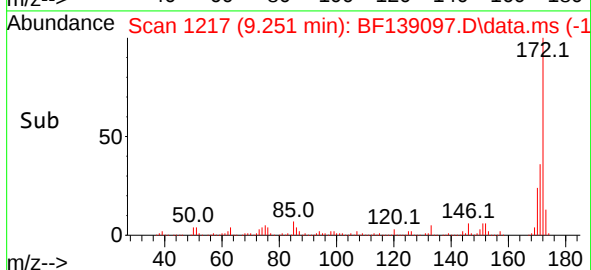
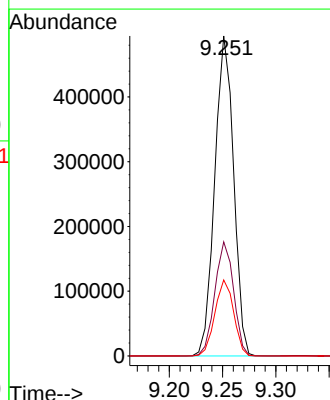
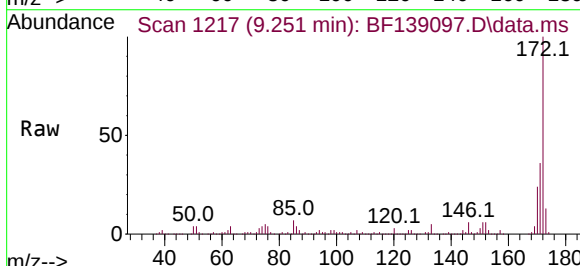
Tgt Ion:172 Resp: 607662

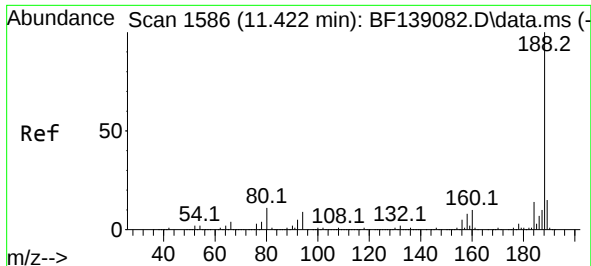
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.7 18.8 28.2

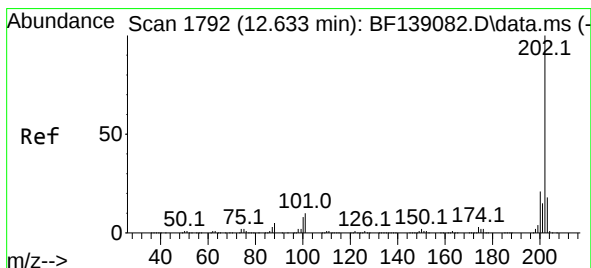
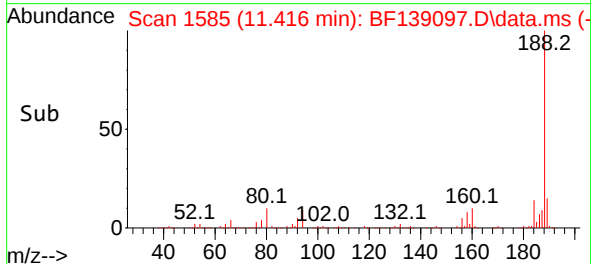
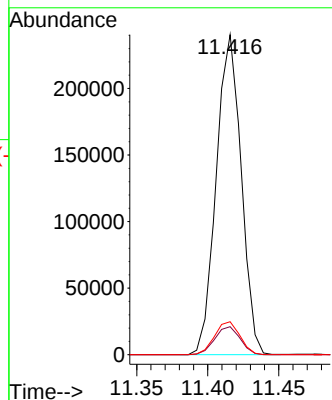
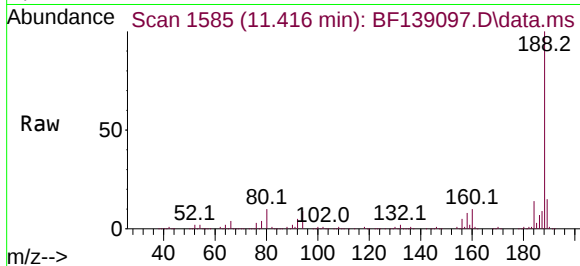




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139097.D
Acq: 21 Aug 2024 12:51

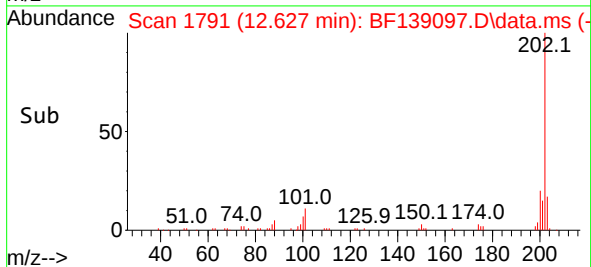
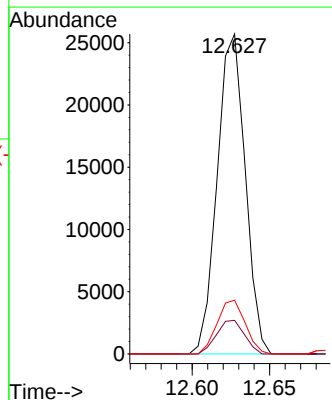
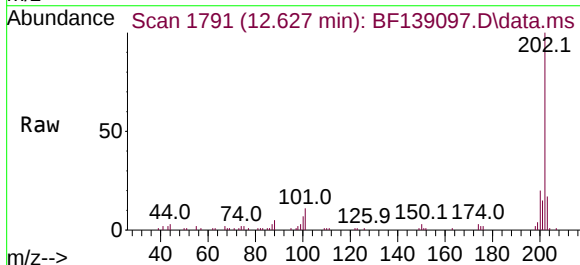
Instrument :
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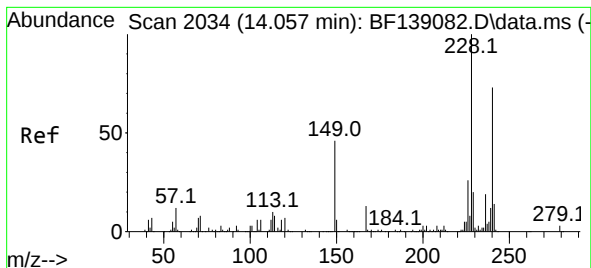
Tgt Ion:188 Resp: 293759
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 10.3 8.5 12.7



#75
Fluoranthene
Concen: 2.029 ng
RT: 12.627 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF139097.D
Acq: 21 Aug 2024 12:51

Tgt Ion:202 Resp: 32333
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.2
203 16.8 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF139097.D

Acq: 21 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

S-906-J-0.5-1-081624

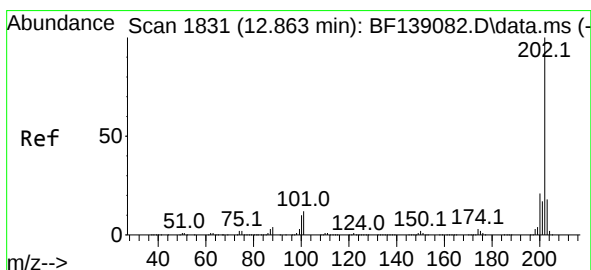
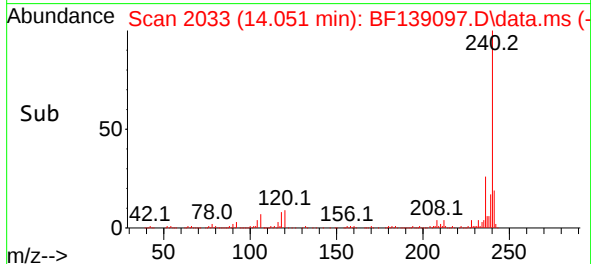
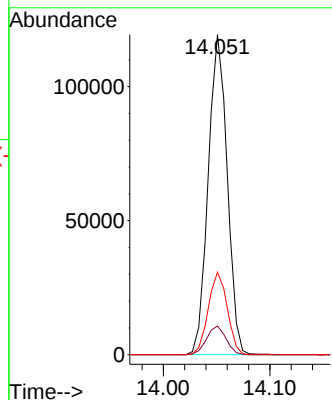
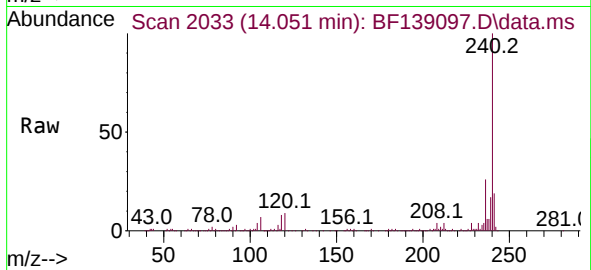
Tgt Ion:240 Resp: 147747

Ion Ratio Lower Upper

240 100

120 8.9 7.8 11.6

236 25.8 20.9 31.3



#78

Pyrene

Concen: 2.175 ng

RT: 12.857 min Scan# 1830

Delta R.T. -0.006 min

Lab File: BF139097.D

Acq: 21 Aug 2024 12:51

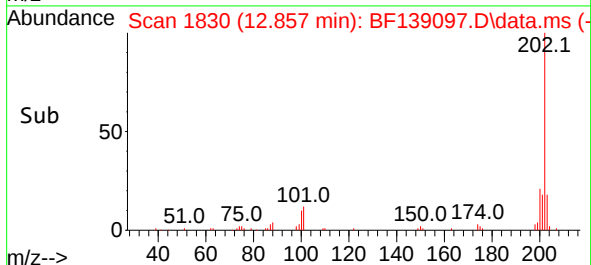
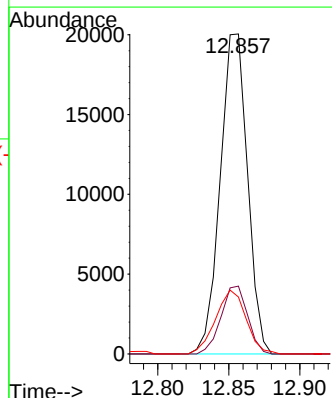
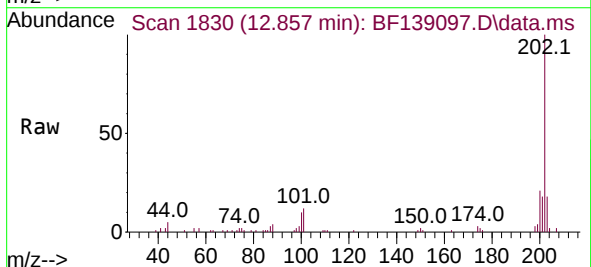
Tgt Ion:202 Resp: 26816

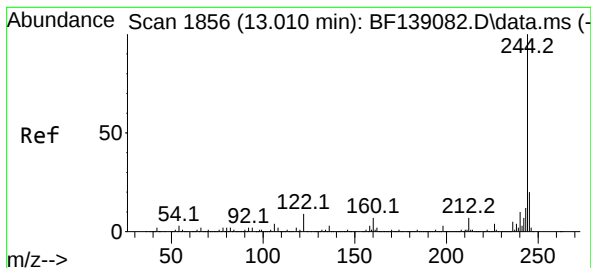
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 50.828 ng

RT: 13.004 min Scan# 1855

Delta R.T. -0.006 min

Lab File: BF139097.D

Acq: 21 Aug 2024 12:51

Instrument :

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ClientSampleId :

S-906-J-0.5-1-081624

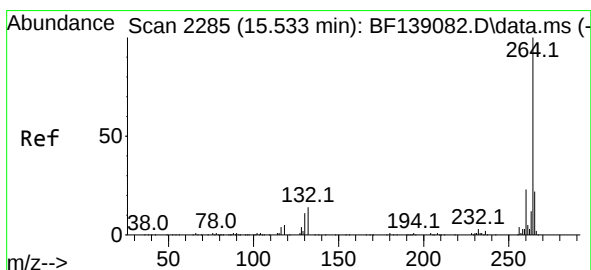
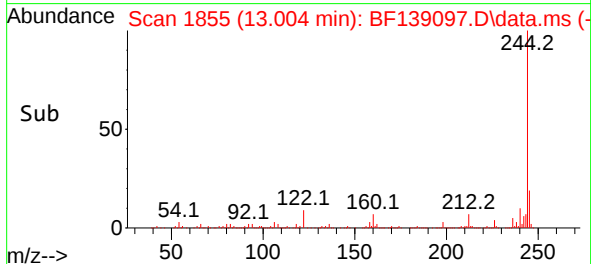
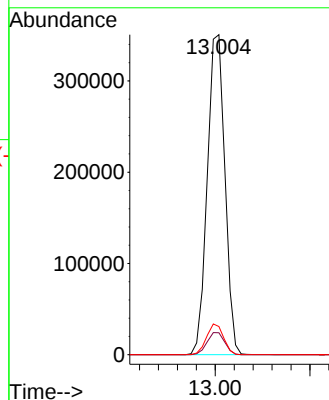
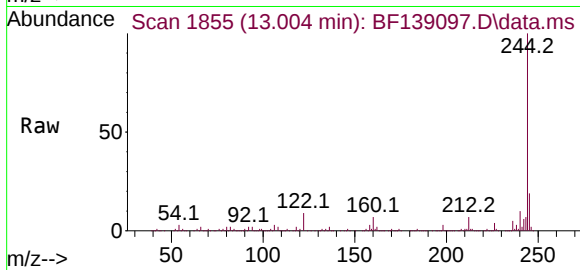
Tgt Ion:244 Resp: 452579

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: 15.527 min Scan# 2284

Delta R.T. -0.006 min

Lab File: BF139097.D

Acq: 21 Aug 2024 12:51

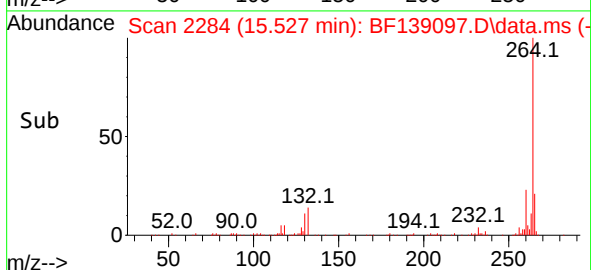
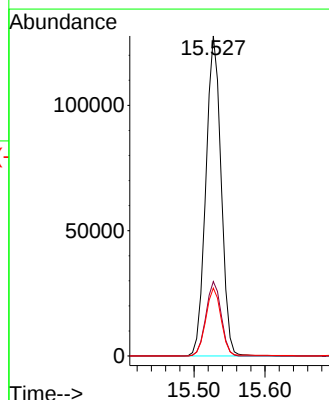
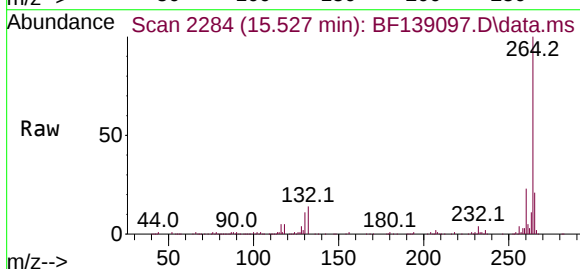
Tgt Ion:264 Resp: 190769

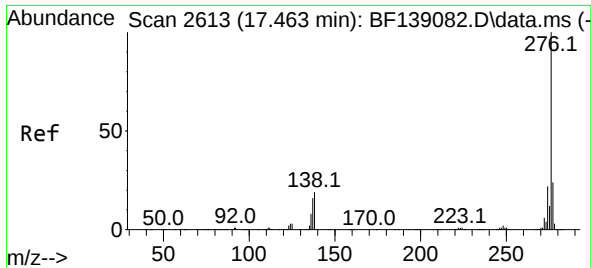
Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

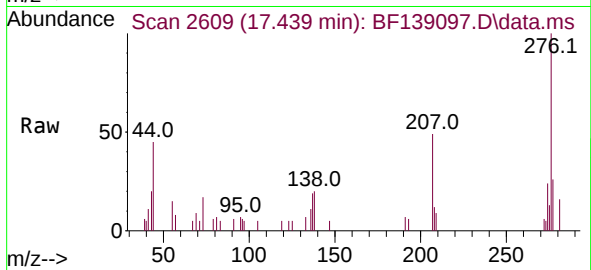
265 21.2 17.4 26.2





#92
 Benzo(g,h,i)perylene
 Concen: 3.475 ng
 RT: 17.439 min Scan# 20
 Delta R.T. -0.024 min
 Lab File: BF139097.D
 Acq: 21 Aug 2024 12:51

Instrument :
 BNA_F
 ClientSampleId :
 S-906-J-0.5-1-081624



Tgt Ion:	276	Resp:	7571
Ion	Ratio	Lower	Upper
276	100		
277	25.8	18.8	28.2
138	20.2	15.0	22.4

