

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139037.D
 Acq On : 15 Aug 2024 22:47
 Operator : RC/JU
 Sample : P3573-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-856-J-S0-1-1.5-080924

Quant Time: Aug 16 00:49:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	42091	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	174325	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	94463	20.000	ng	-0.01
64) Phenanthrene-d10	11.351	188	153392	20.000	ng	-0.02
76) Chrysene-d12	13.998	240	76328	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	79127	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	260734	95.622	ng	0.00
7) Phenol-d6	6.481	99	346994	94.784	ng	0.00
23) Nitrobenzene-d5	7.398	82	226132	63.421	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	71020	91.783	ng	-0.01
45) 2-Fluorobiphenyl	9.187	172	391856	62.327	ng	-0.02
79) Terphenyl-d14	12.933	244	303747	66.627	ng	-0.01

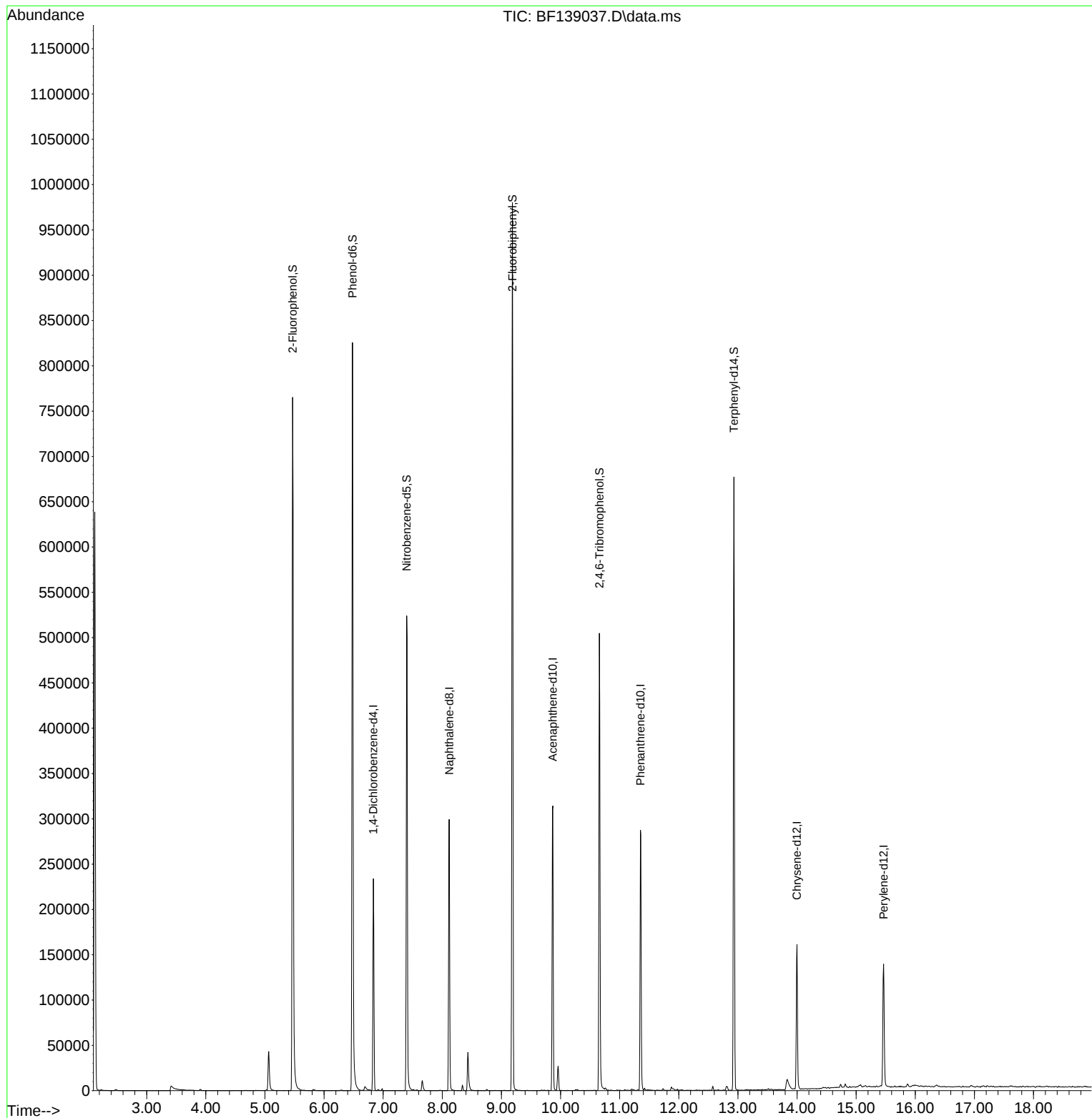
Target Compounds	Qvalue

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

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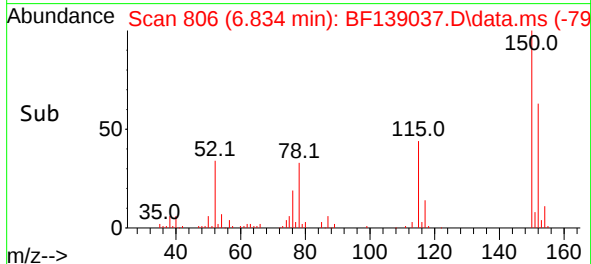
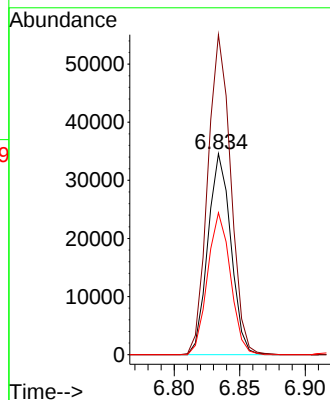
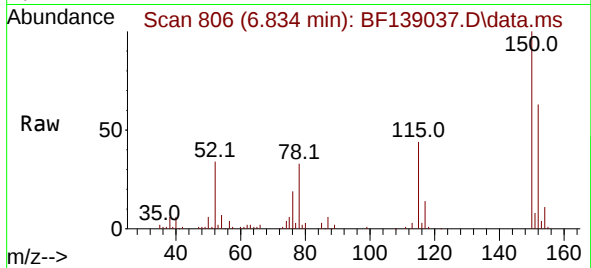




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF139037.D
Acq: 15 Aug 2024 22:47

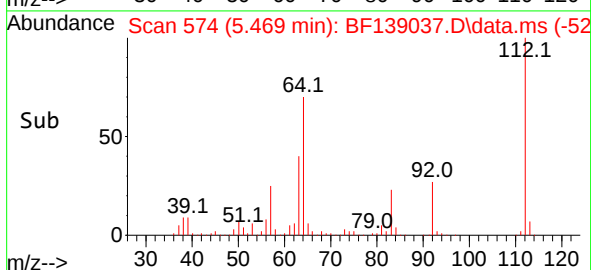
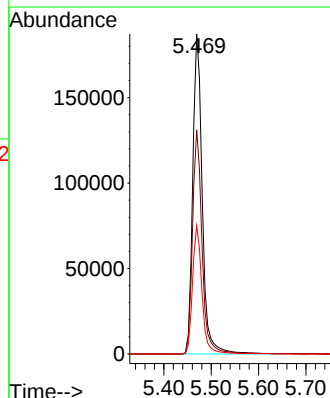
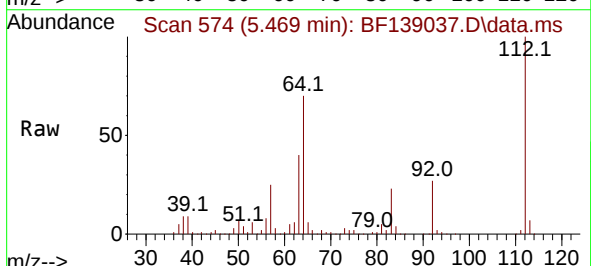
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924

Tgt Ion:152 Resp: 42091
Ion Ratio Lower Upper
152 100
150 159.2 126.0 189.0
115 70.6 51.7 77.5



#5
2-Fluorophenol
Concen: 95.622 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF139037.D
Acq: 15 Aug 2024 22:47

Tgt Ion:112 Resp: 260734
Ion Ratio Lower Upper
112 100
64 70.0 54.2 81.4
63 40.1 28.7 43.1

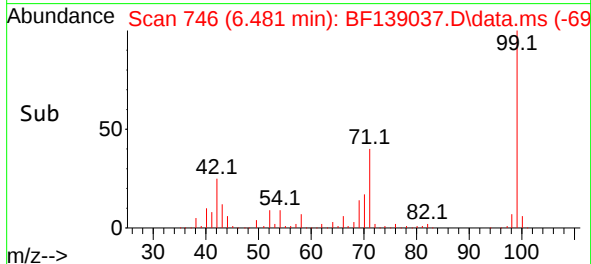
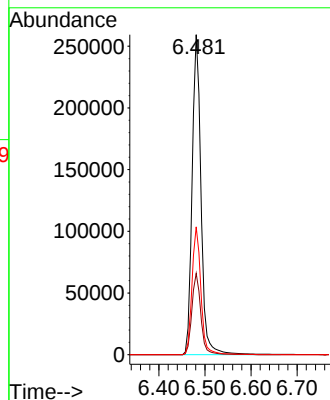
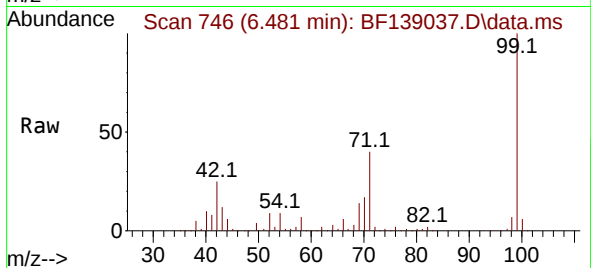




#7
Phenol-d6
Concen: 94.784 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139037.D
Acq: 15 Aug 2024 22:47

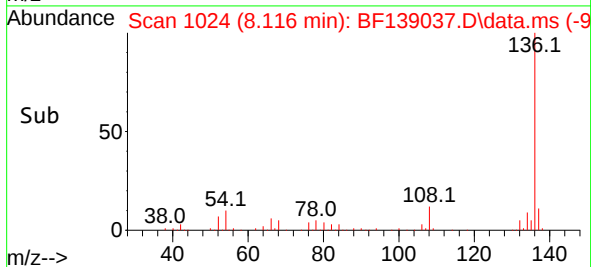
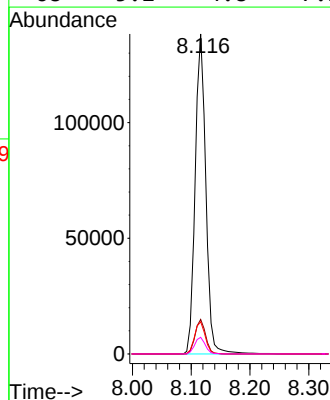
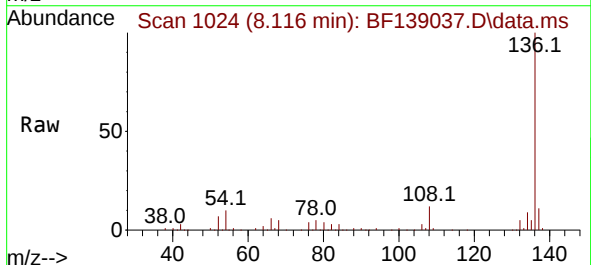
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924

Tgt Ion: 99 Resp: 346994
Ion Ratio Lower Upper
99 100
42 25.4 17.4 26.0
71 39.9 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139037.D
Acq: 15 Aug 2024 22:47

Tgt Ion: 136 Resp: 174325
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.0 8.6 12.8
68 5.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 63.421 ng

RT: 7.398 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF139037.D

Acq: 15 Aug 2024 22:47

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924

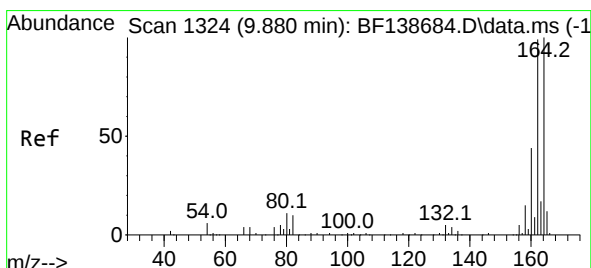
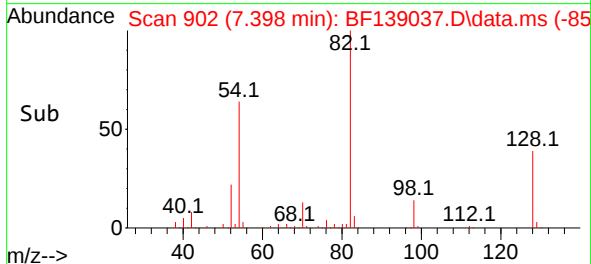
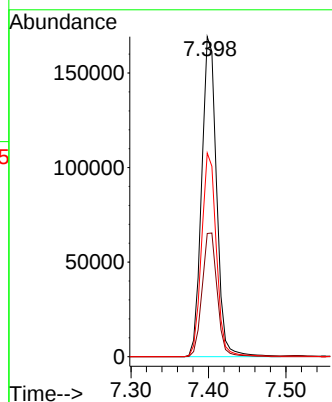
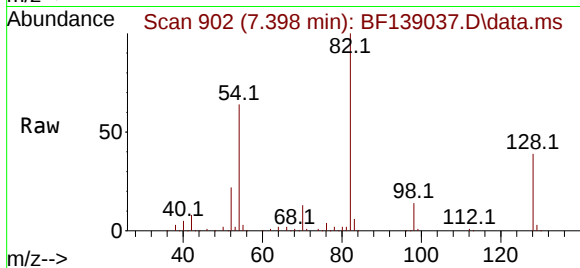
Tgt Ion: 82 Resp: 226132

Ion Ratio Lower Upper

82 100

128 38.5 32.8 49.2

54 63.7 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.011 min

Lab File: BF139037.D

Acq: 15 Aug 2024 22:47

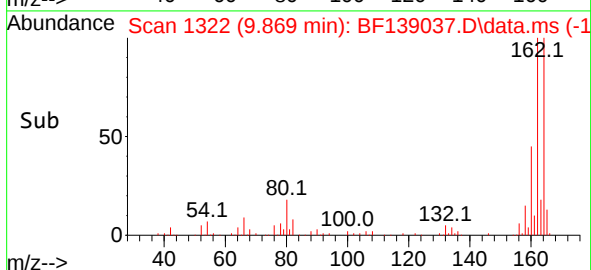
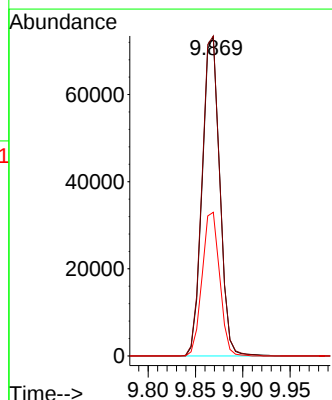
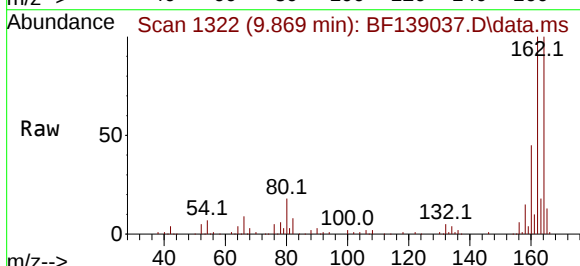
Tgt Ion:164 Resp: 94463

Ion Ratio Lower Upper

164 100

162 100.3 79.4 119.0

160 45.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 91.783 ng

RT: 10.657 min Scan# 1458

Delta R.T. -0.012 min

Lab File: BF139037.D

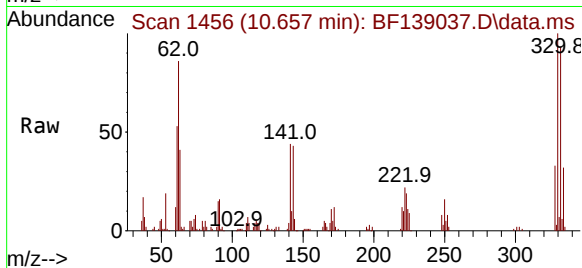
Acq: 15 Aug 2024 22:47

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924



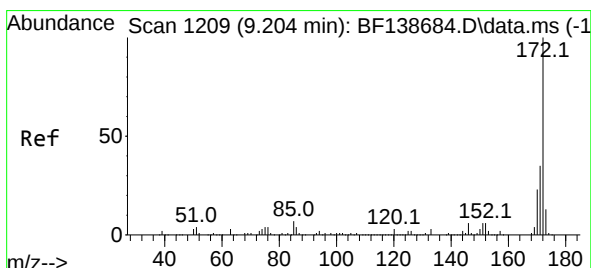
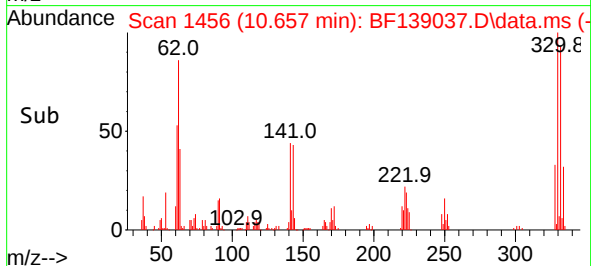
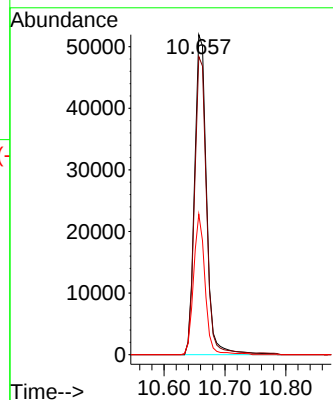
Tgt Ion:330 Resp: 71020

Ion Ratio Lower Upper

330 100

332 92.9 76.4 114.6

141 41.9 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 62.327 ng

RT: 9.187 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139037.D

Acq: 15 Aug 2024 22:47

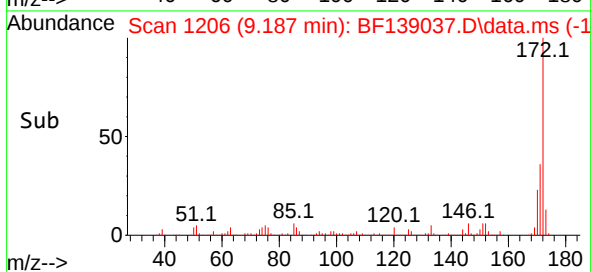
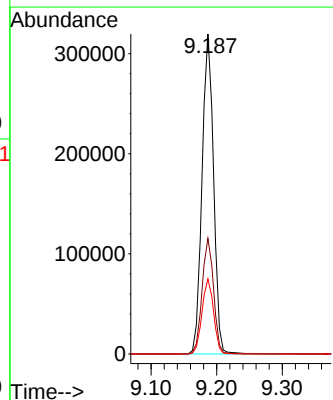
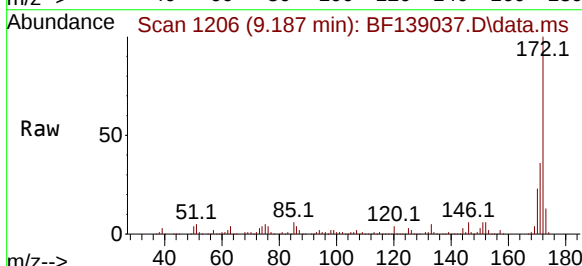
Tgt Ion:172 Resp: 391856

Ion Ratio Lower Upper

172 100

171 36.1 28.3 42.5

170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF139037.D

Acq: 15 Aug 2024 22:47

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924

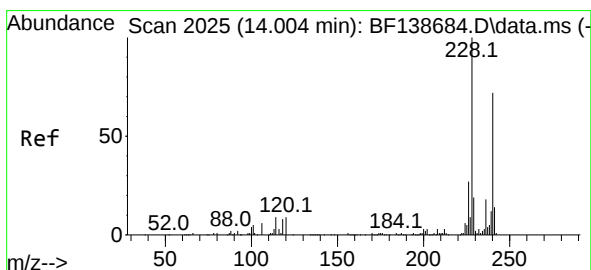
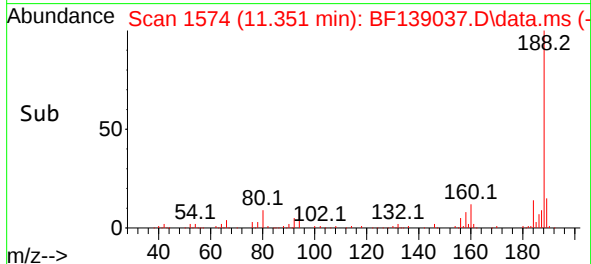
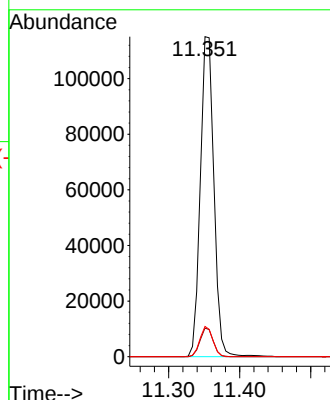
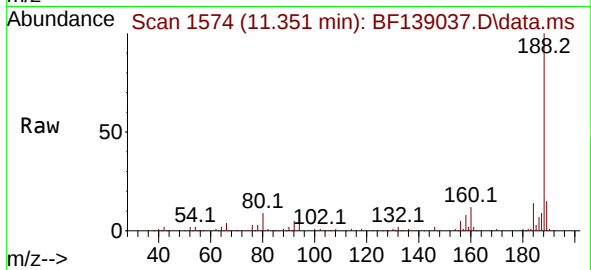
Tgt Ion:188 Resp: 153392

Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

80 9.4 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF139037.D

Acq: 15 Aug 2024 22:47

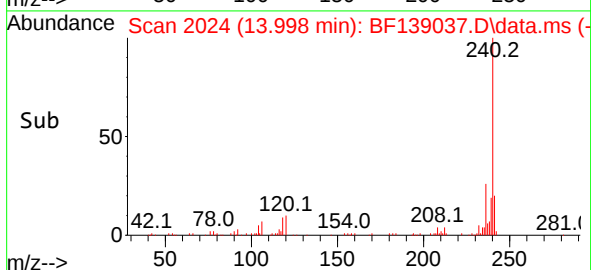
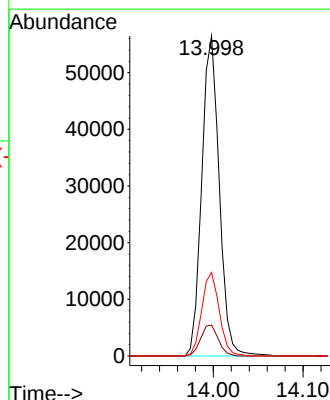
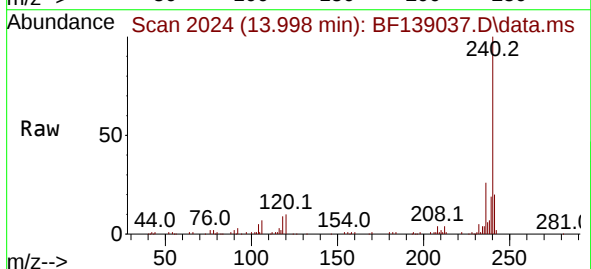
Tgt Ion:240 Resp: 76328

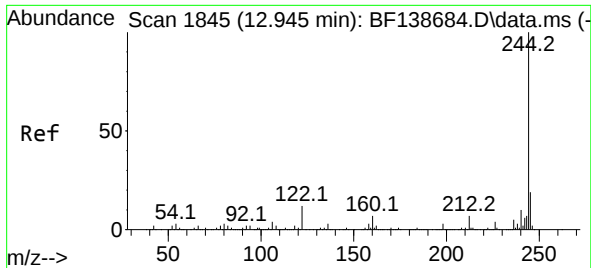
Ion Ratio Lower Upper

240 100

120 9.7 10.2 15.4#

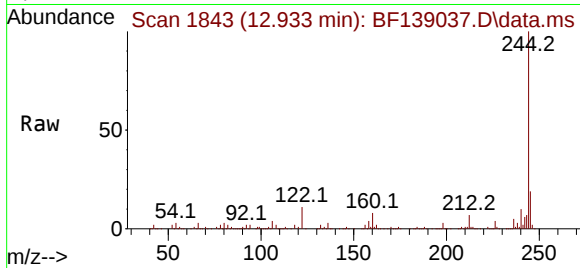
236 26.1 19.8 29.8



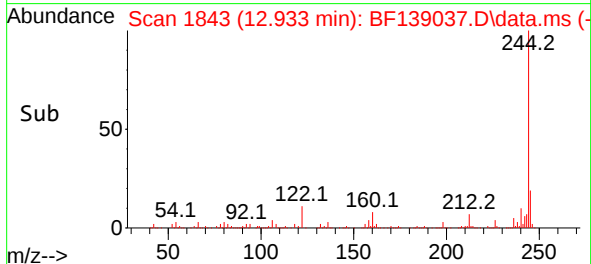
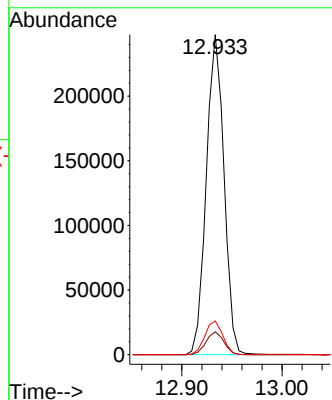


#79
Terphenyl-d14
Concen: 66.627 ng
RT: 12.933 min Scan# 1843
Delta R.T. -0.012 min
Lab File: BF139037.D
Acq: 15 Aug 2024 22:47

Instrument :
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ClientSampleId :
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Tgt Ion:244 Resp: 303747
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 10.5 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF139037.D
Acq: 15 Aug 2024 22:47

Tgt Ion:264 Resp: 79127
Ion Ratio Lower Upper
264 100
260 24.9 19.0 28.6
265 21.2 17.0 25.6

