

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139034.D
 Acq On : 15 Aug 2024 21:14
 Operator : RC/JU
 Sample : P3475-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-866-N-S0-0-0.5-080524

Quant Time: Aug 16 00:28:12 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	38760	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	154054	20.000	ng	#-0.01
39) Acenaphthene-d10	9.863	164	81517	20.000	ng	-0.02
64) Phenanthrene-d10	11.351	188	134152	20.000	ng	-0.02
76) Chrysene-d12	13.998	240	66522	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	75058	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	107935	42.986	ng	0.00
7) Phenol-d6	6.481	99	153974	45.674	ng	0.00
23) Nitrobenzene-d5	7.398	82	95344	30.259	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	30479	45.645	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	142934	26.345	ng	-0.02
79) Terphenyl-d14	12.933	244	112397	28.289	ng	-0.01

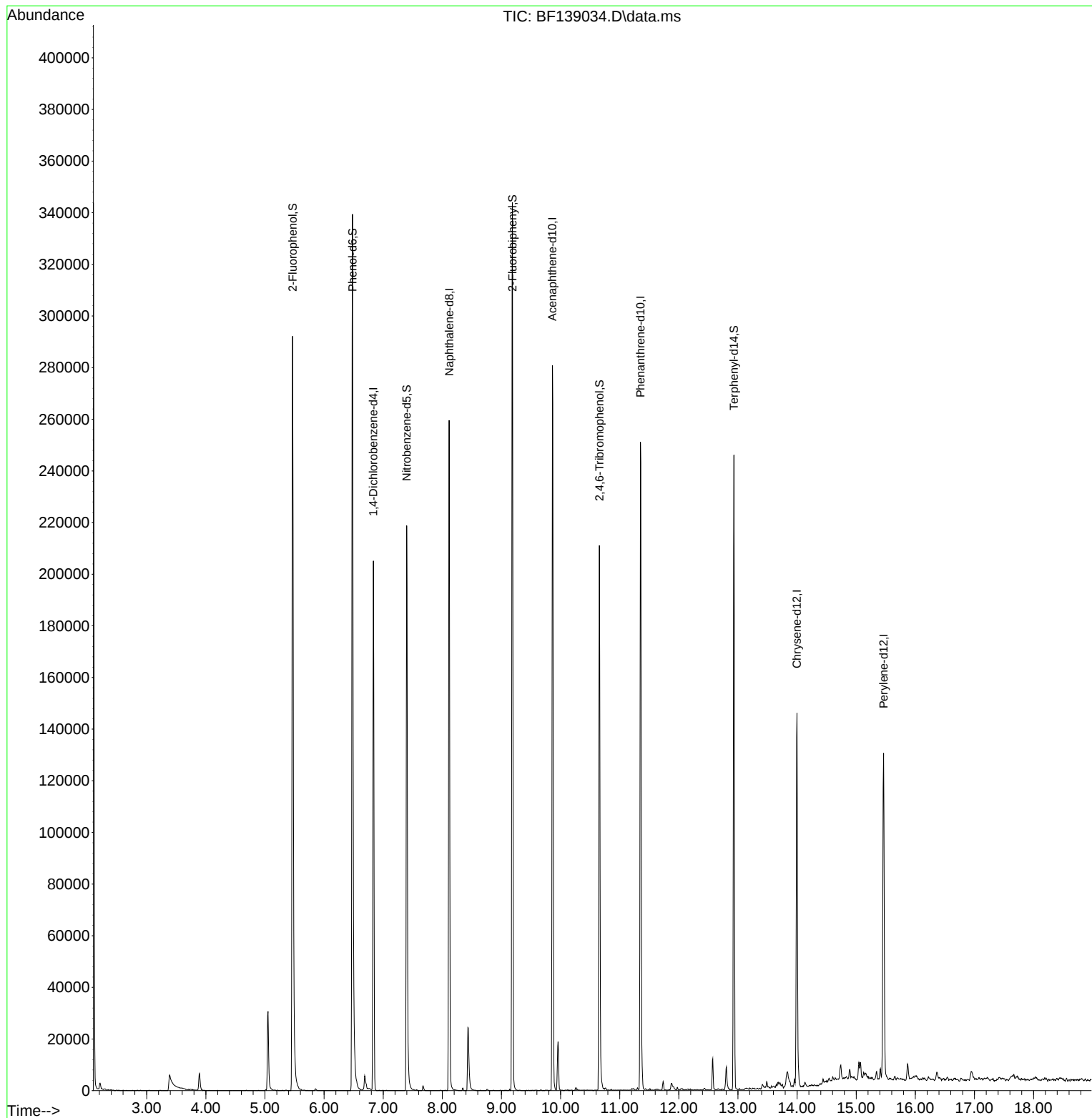
Target Compounds	Qvalue

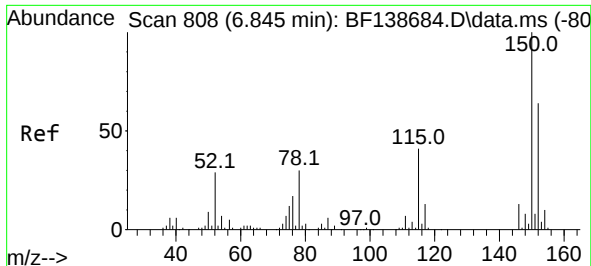
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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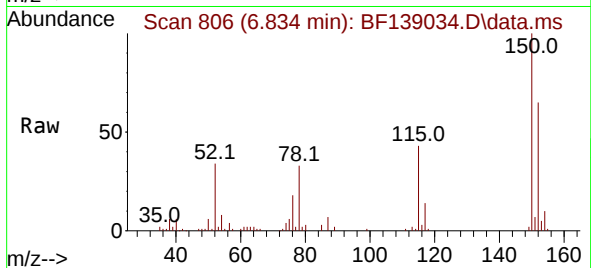
Quant Time: Aug 16 00:28:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
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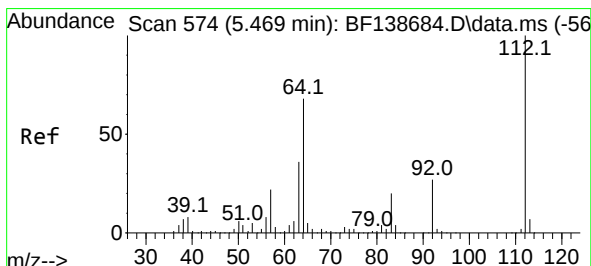
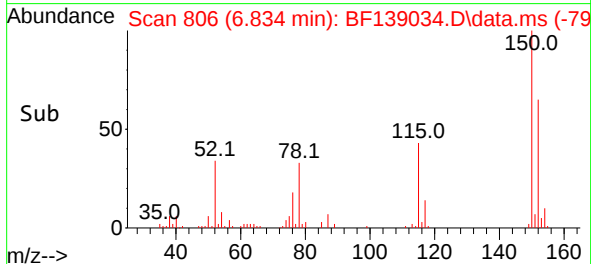
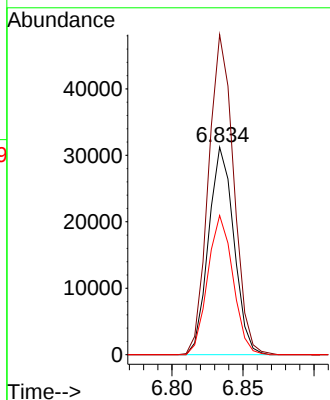


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 806
Delta R.T. -0.011 min
Lab File: BF139034.D
Acq: 15 Aug 2024 21:14

Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-0-0.5-080524

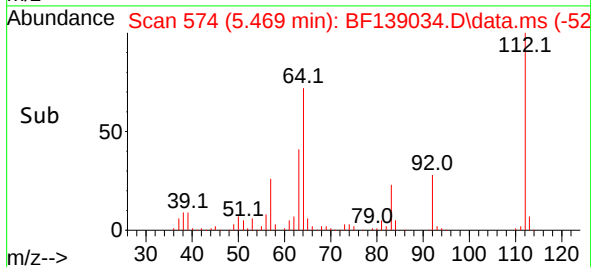
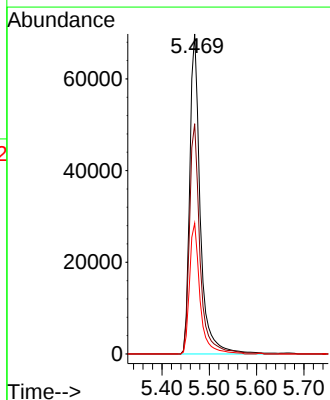
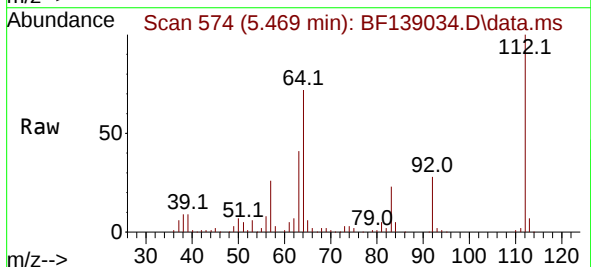


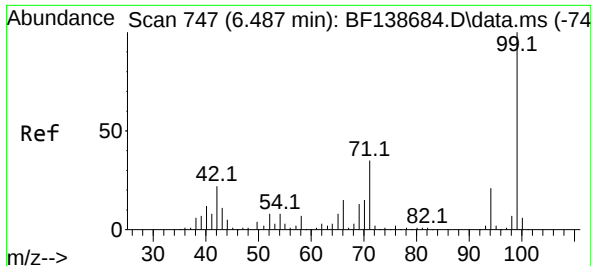
Tgt Ion:152 Resp: 38760
Ion Ratio Lower Upper
152 100
150 154.2 126.0 189.0
115 67.0 51.7 77.5



#5
2-Fluorophenol
Concen: 42.986 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF139034.D
Acq: 15 Aug 2024 21:14

Tgt Ion:112 Resp: 107935
Ion Ratio Lower Upper
112 100
64 72.0 54.2 81.4
63 40.8 28.7 43.1

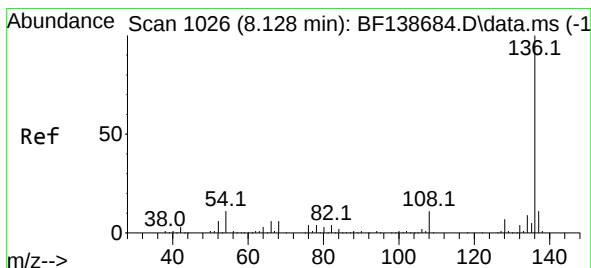
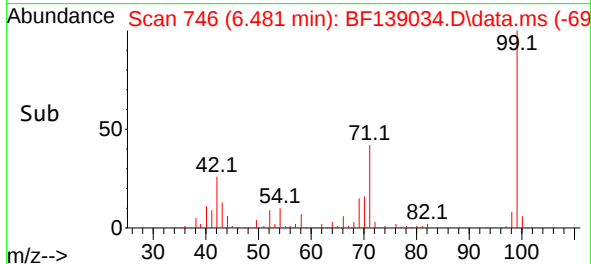
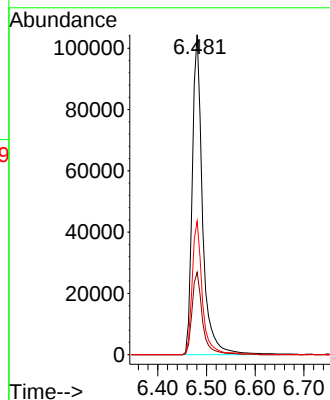
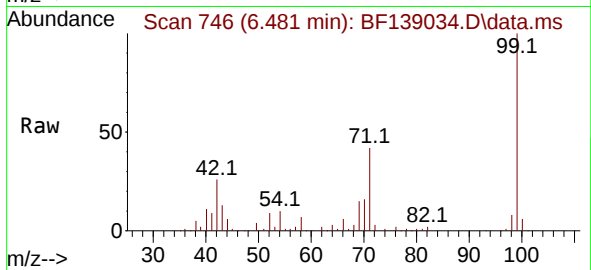




#7
Phenol-d6
Concen: 45.674 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139034.D
Acq: 15 Aug 2024 21:14

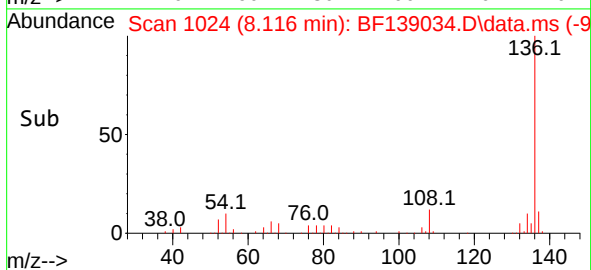
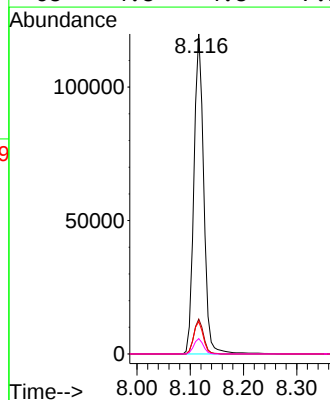
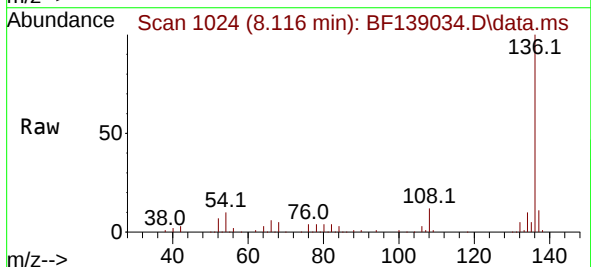
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-0-0.5-080524

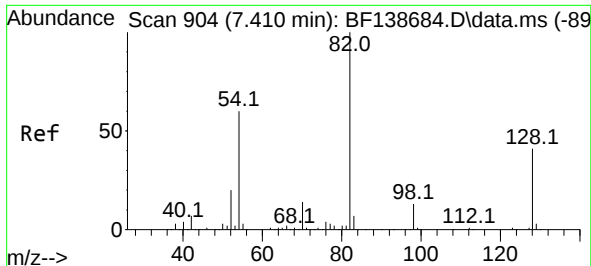
Tgt Ion: 99 Resp: 153974
Ion Ratio Lower Upper
99 100
42 25.7 17.4 26.0
71 41.7 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139034.D
Acq: 15 Aug 2024 21:14

Tgt Ion: 136 Resp: 154054
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.1 8.6 12.8
68 4.8 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 30.259 ng

RT: 7.398 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF139034.D

Acq: 15 Aug 2024 21:14

Instrument :

BNA_F

ClientSampleId :

S-866-N-S0-0-0.5-080524

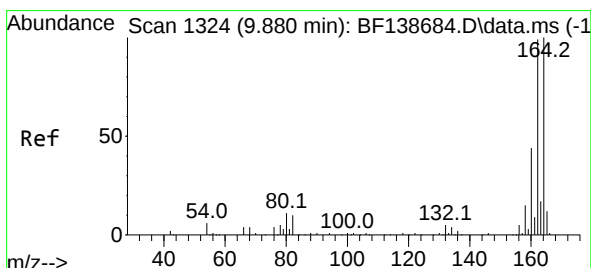
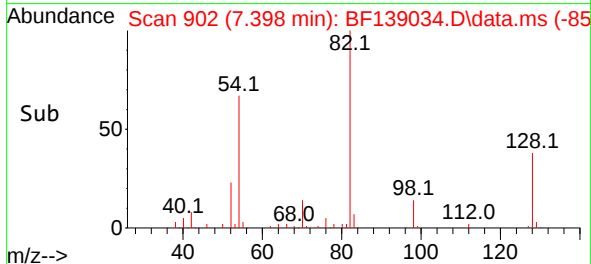
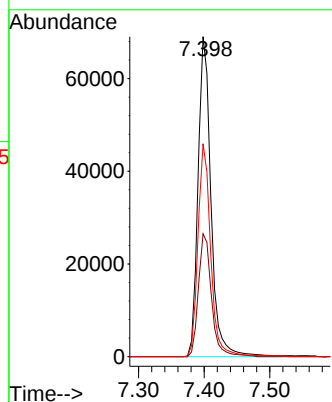
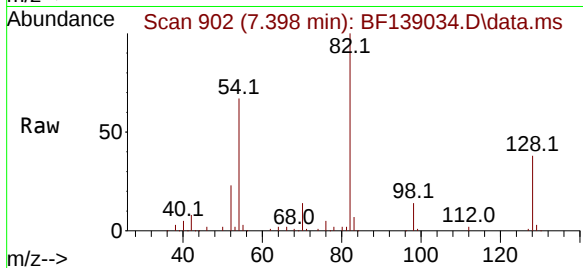
Tgt Ion: 82 Resp: 95344

Ion Ratio Lower Upper

82 100

128 38.4 32.8 49.2

54 66.6 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.017 min

Lab File: BF139034.D

Acq: 15 Aug 2024 21:14

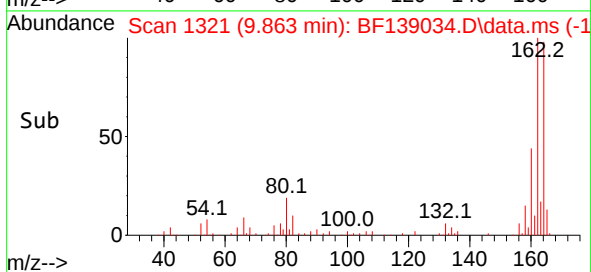
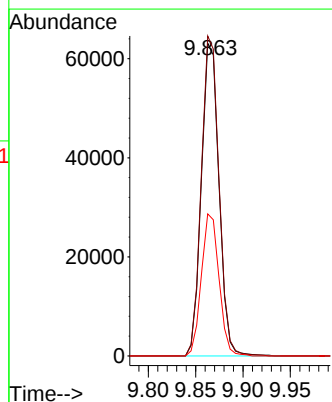
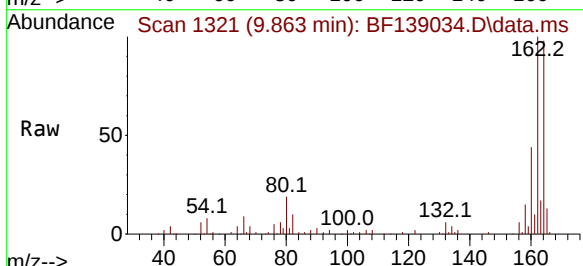
Tgt Ion:164 Resp: 81517

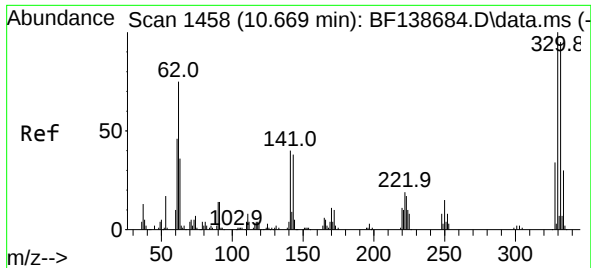
Ion Ratio Lower Upper

164 100

162 102.3 79.4 119.0

160 45.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 45.645 ng

RT: 10.657 min Scan# 1458

Delta R.T. -0.012 min

Lab File: BF139034.D

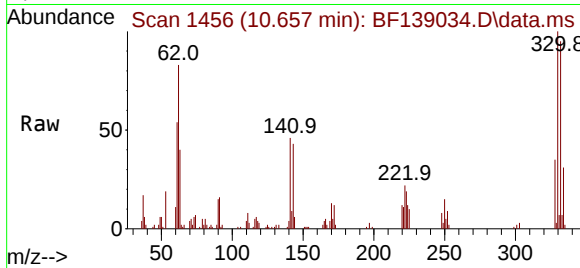
Acq: 15 Aug 2024 21:14

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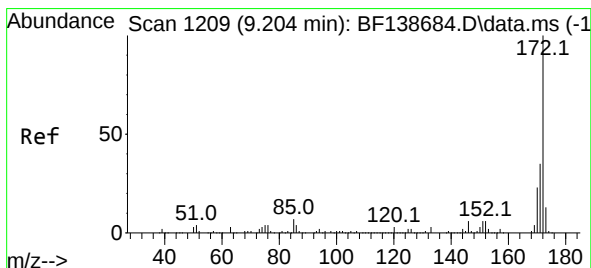
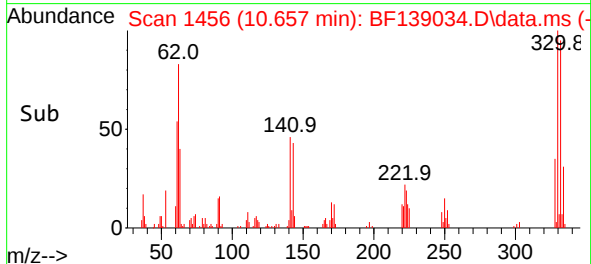
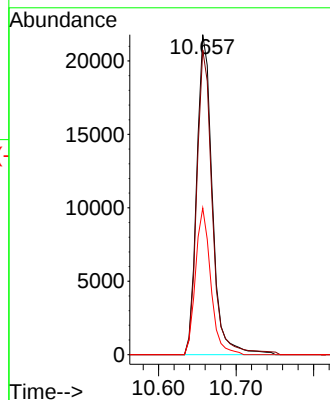
Tgt Ion:330 Resp: 30479

Ion Ratio Lower Upper

330 100

332 94.7 76.4 114.6

141 44.5 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 26.345 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139034.D

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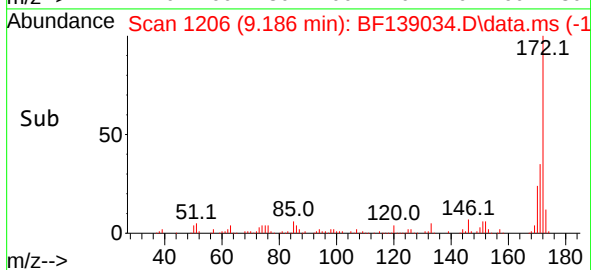
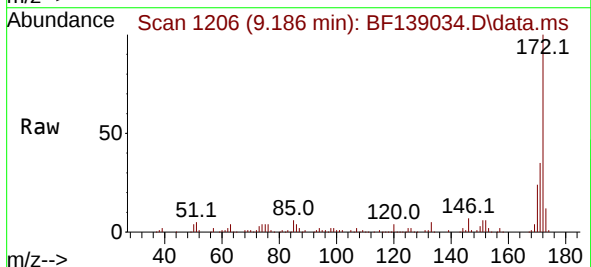
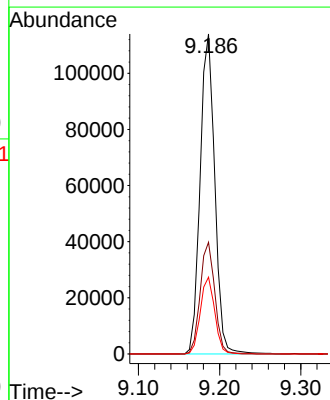
Tgt Ion:172 Resp: 142934

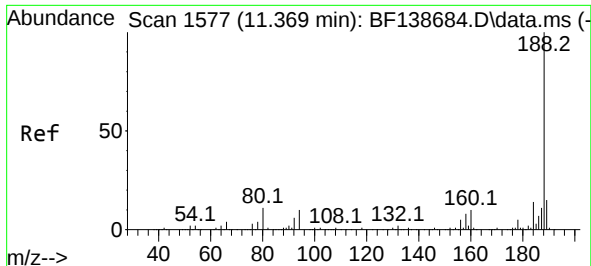
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 24.0 18.8 28.2

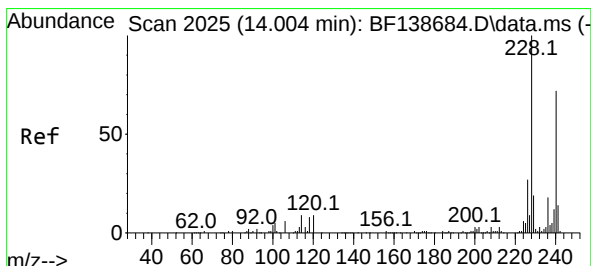
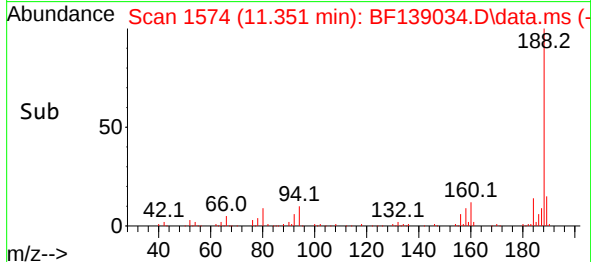
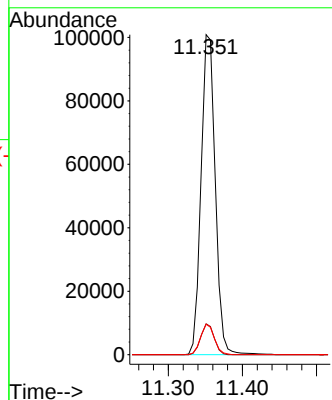
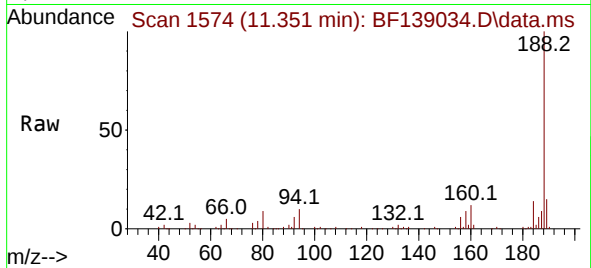




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF139034.D
Acq: 15 Aug 2024 21:14

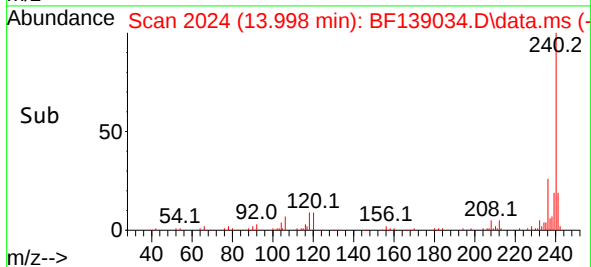
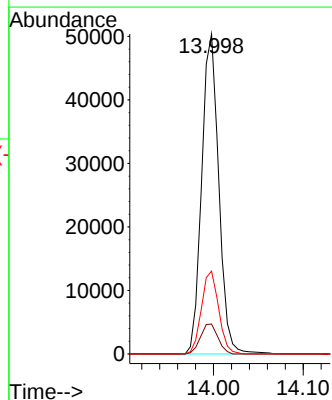
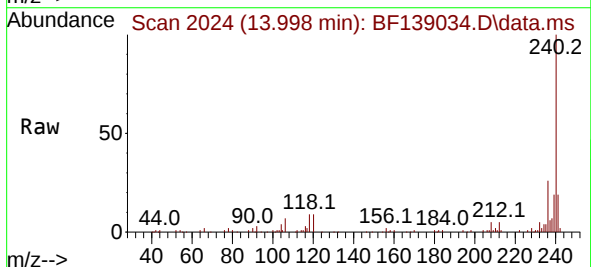
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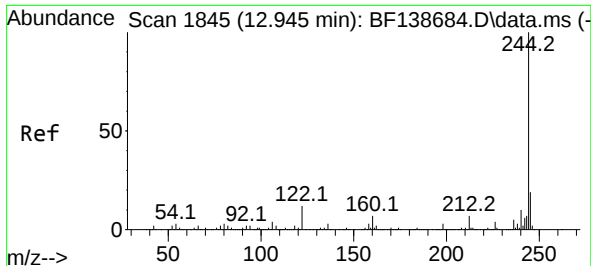
Tgt Ion:188 Resp: 134152
Ion Ratio Lower Upper
188 100
94 9.6 7.6 11.4
80 9.5 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139034.D
Acq: 15 Aug 2024 21:14

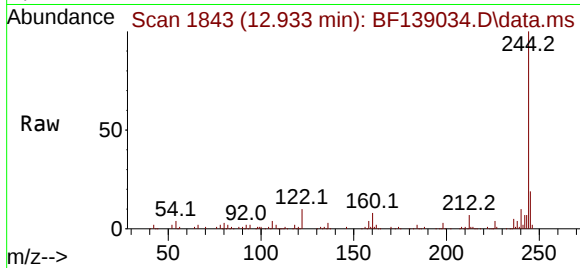
Tgt Ion:240 Resp: 66522
Ion Ratio Lower Upper
240 100
120 9.3 10.2 15.4#
236 25.9 19.8 29.8



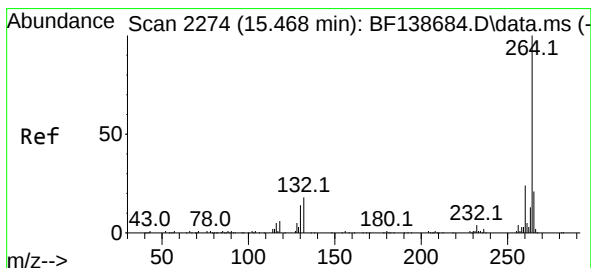
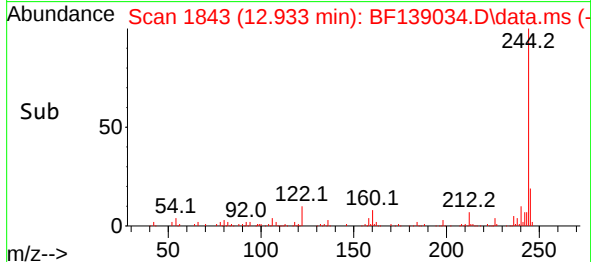
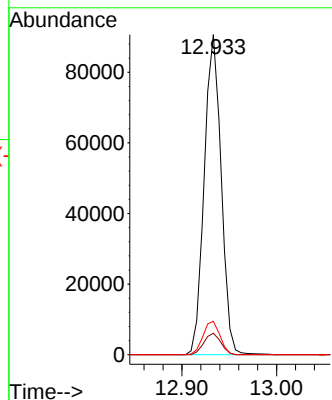


#79
 Terphenyl-d14
 Concen: 28.289 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF139034.D
 Acq: 15 Aug 2024 21:14

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Tgt Ion:244 Resp: 112397
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.5 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF139034.D
 Acq: 15 Aug 2024 21:14

Tgt Ion:264 Resp: 75058
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 20.6 17.0 25.6

