

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139036.D
 Acq On : 15 Aug 2024 22:16
 Operator : RC/JU
 Sample : P3573-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-856-J-SO-3-3.5-080924

Quant Time: Aug 16 00:28:39 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	6.833	152	35836	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	148003	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	79042	20.000	ng	-0.01
64) Phenanthrene-d10	11.351	188	129814	20.000	ng	-0.02
76) Chrysene-d12	13.998	240	65543	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	67323	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	242127	104.297	ng	0.00
7) Phenol-d6	6.481	99	318062	102.046	ng	0.00
23) Nitrobenzene-d5	7.398	82	206826	68.323	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	65453	101.092	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	350380	66.603	ng	-0.02
79) Terphenyl-d14	12.933	244	271647	69.391	ng	-0.01

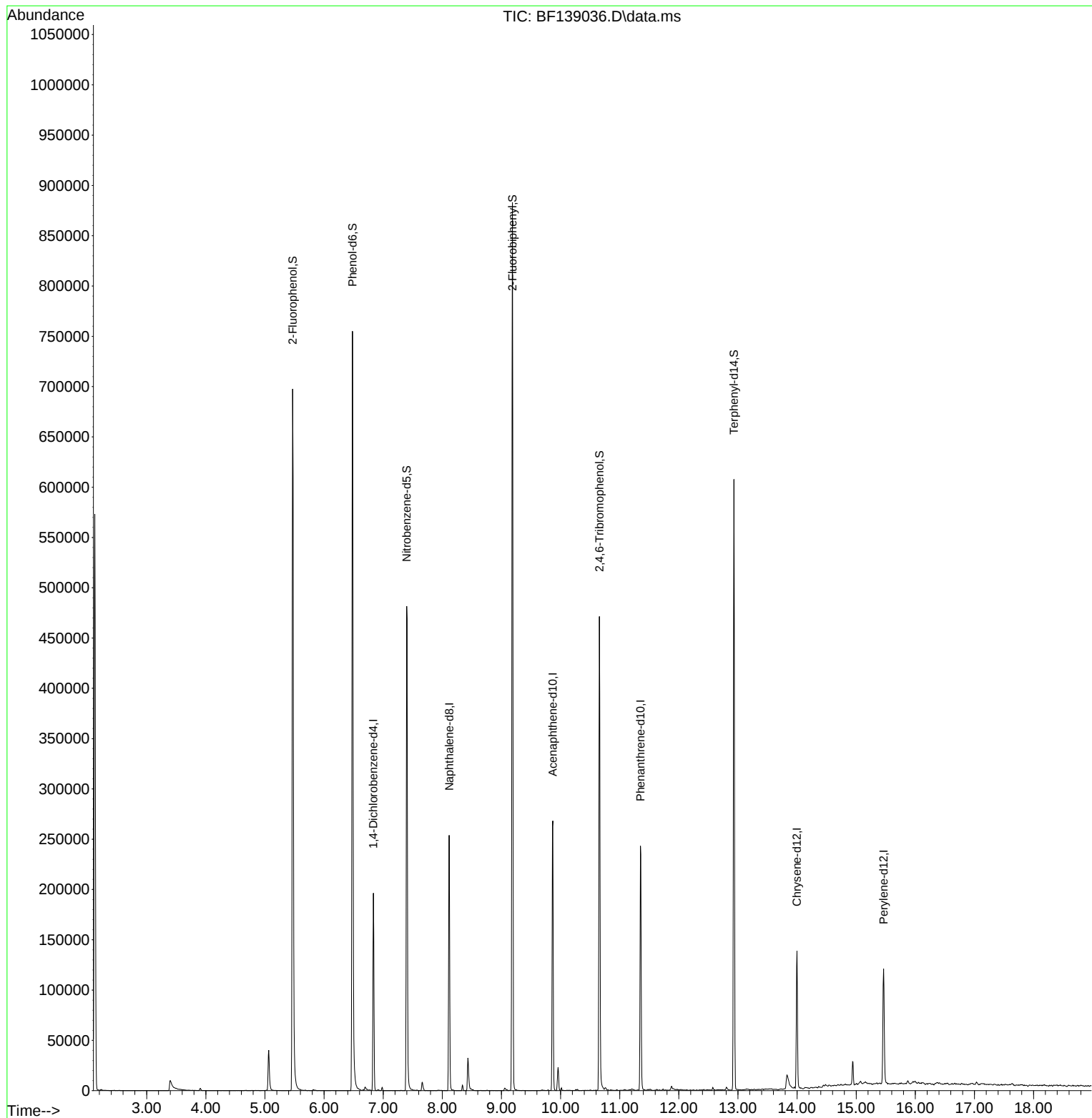
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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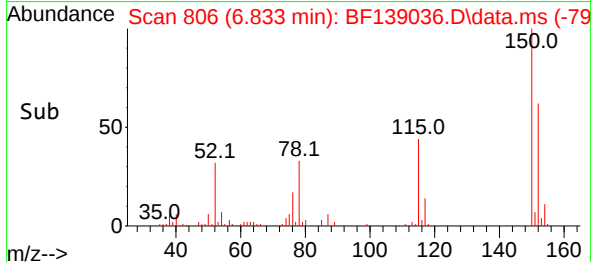
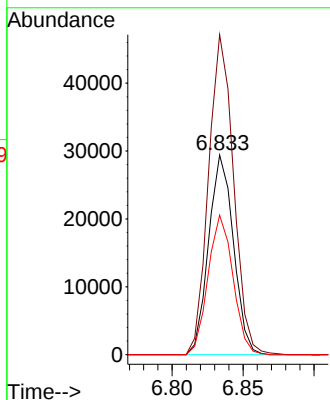
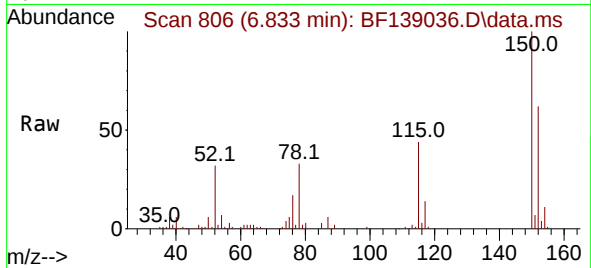




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF139036.D
Acq: 15 Aug 2024 22:16

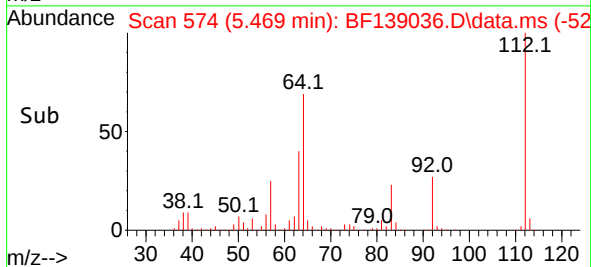
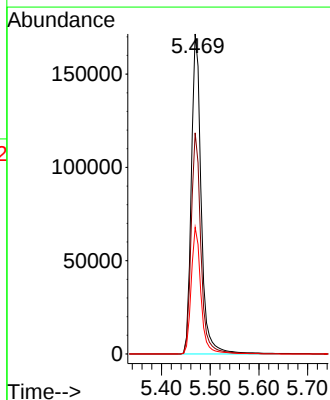
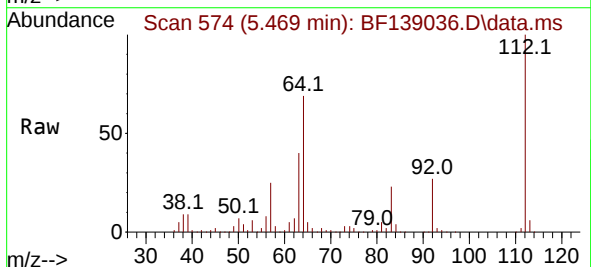
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-3-3.5-080924

Tgt Ion:152 Resp: 35836
Ion Ratio Lower Upper
152 100
150 160.3 126.0 189.0
115 69.8 51.7 77.5



#5
2-Fluorophenol
Concen: 104.297 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF139036.D
Acq: 15 Aug 2024 22:16

Tgt Ion:112 Resp: 242127
Ion Ratio Lower Upper
112 100
64 69.1 54.2 81.4
63 39.5 28.7 43.1

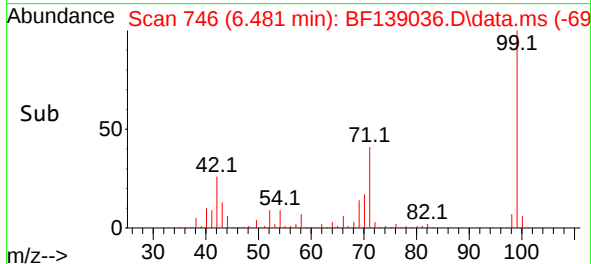
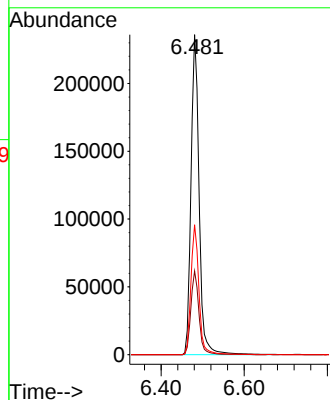
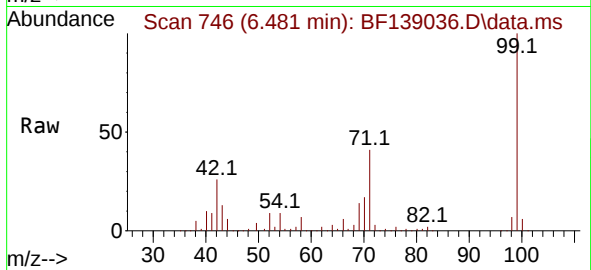




#7
Phenol-d6
Concen: 102.046 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139036.D
Acq: 15 Aug 2024 22:16

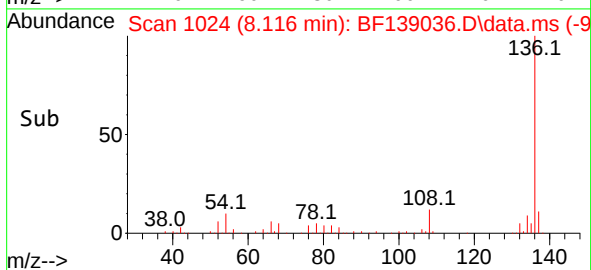
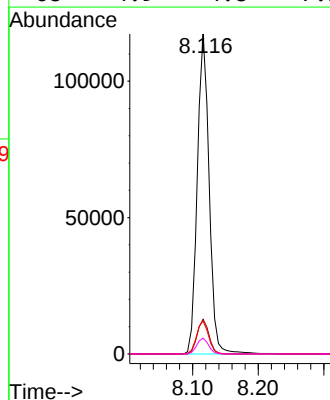
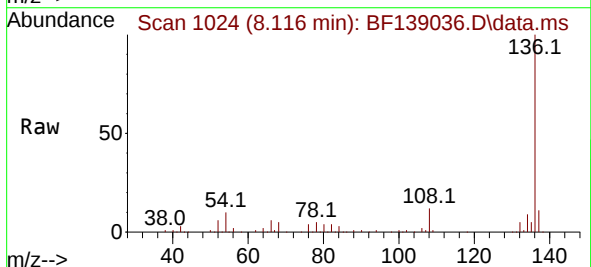
Instrument :
BNA_F
ClientSampleId :
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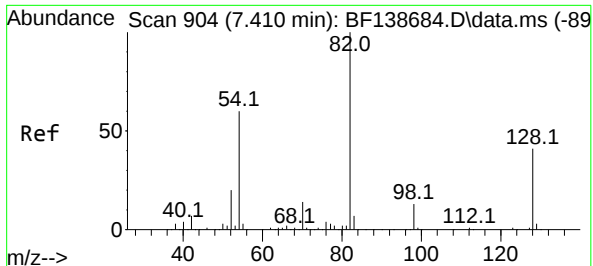
Tgt Ion: 99 Resp: 318062
Ion Ratio Lower Upper
99 100
42 26.1 17.4 26.0#
71 40.6 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139036.D
Acq: 15 Aug 2024 22:16

Tgt Ion: 136 Resp: 148003
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.2 8.6 12.8
68 4.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 68.323 ng

RT: 7.398 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF139036.D

Acq: 15 Aug 2024 22:16

Instrument :

BNA_F

ClientSampleId :

S-856-J-SO-3-3.5-080924

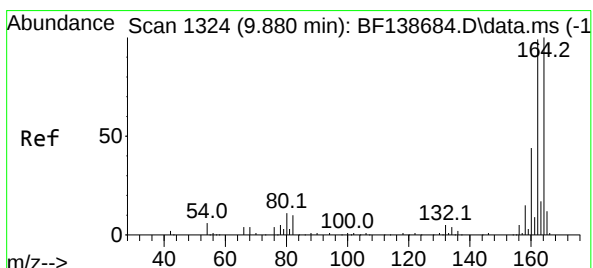
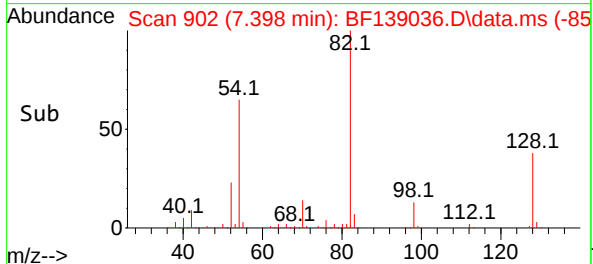
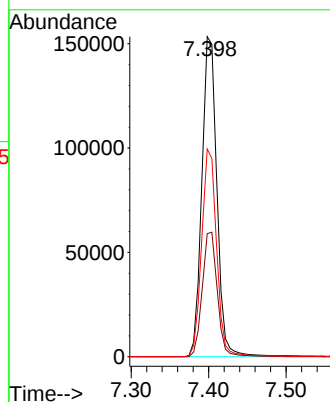
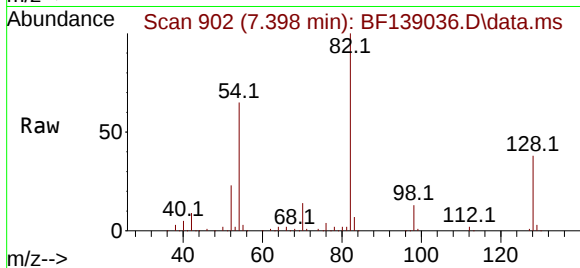
Tgt Ion: 82 Resp: 206826

Ion Ratio Lower Upper

82 100

128 38.4 32.8 49.2

54 64.9 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: BF139036.D

Acq: 15 Aug 2024 22:16

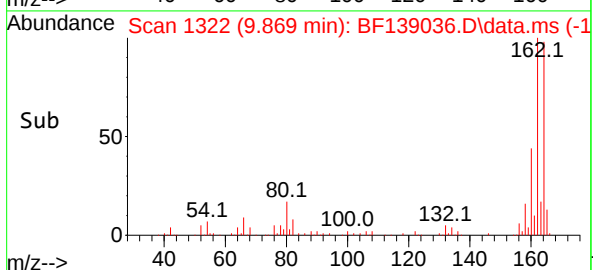
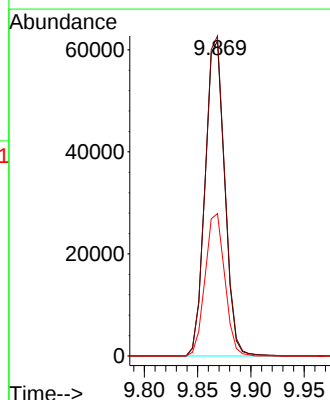
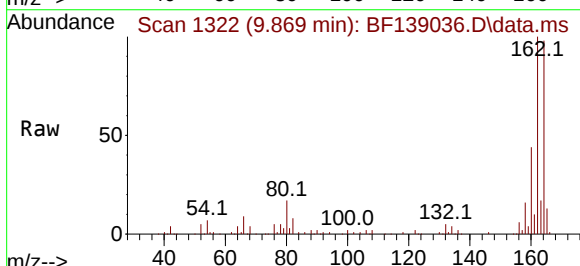
Tgt Ion:164 Resp: 79042

Ion Ratio Lower Upper

164 100

162 101.6 79.4 119.0

160 45.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 101.092 ng

RT: 10.657 min Scan# 1456

Delta R.T. -0.012 min

Lab File: BF139036.D

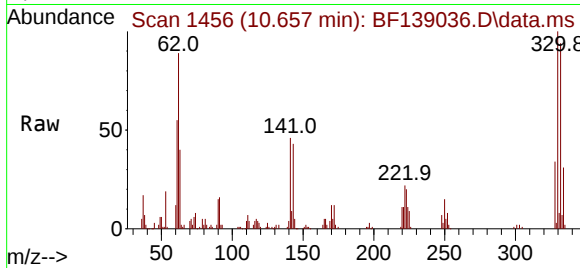
Acq: 15 Aug 2024 22:16

Instrument :

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ClientSampleId :

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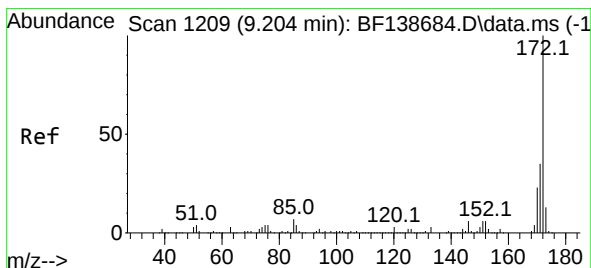
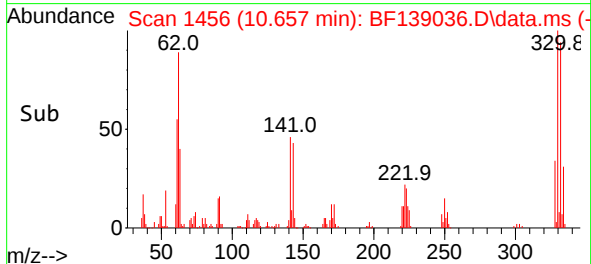
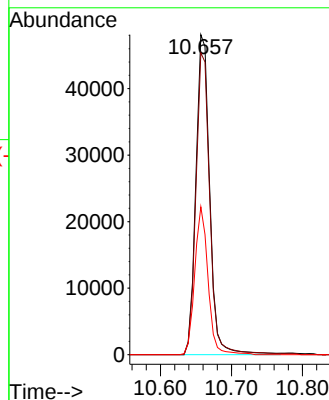
Tgt Ion:330 Resp: 65453

Ion Ratio Lower Upper

330 100

332 94.5 76.4 114.6

141 44.2 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 66.603 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139036.D

Acq: 15 Aug 2024 22:16

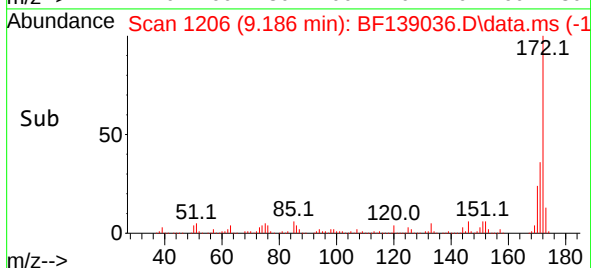
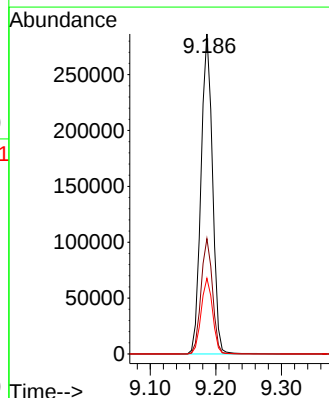
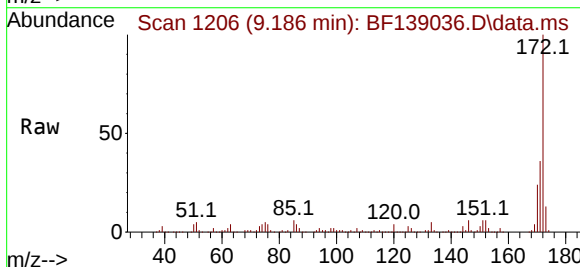
Tgt Ion:172 Resp: 350380

Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.7 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: BF139036.D

Acq: 15 Aug 2024 22:16

Instrument :

BNA_F

ClientSampleId :

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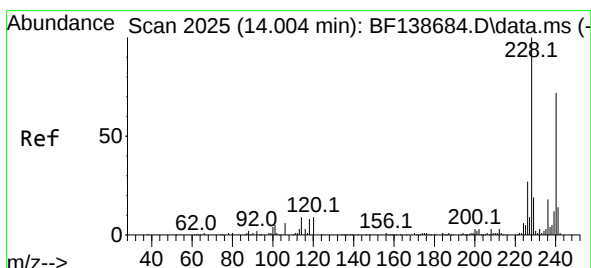
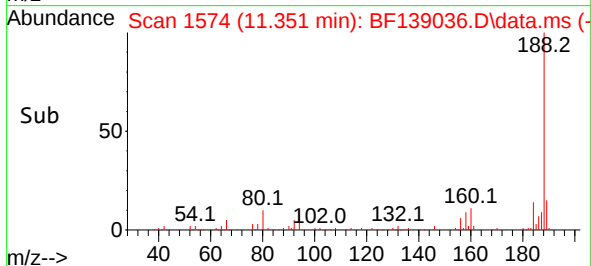
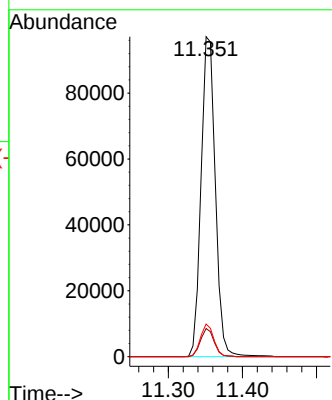
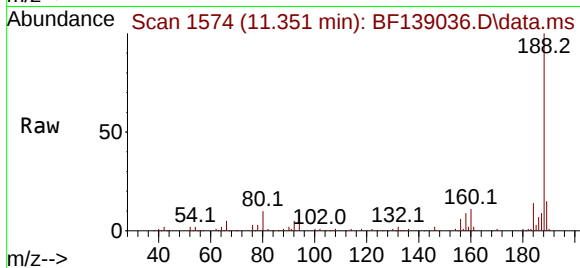
Tgt Ion:188 Resp: 129814

Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

80 10.2 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: BF139036.D

Acq: 15 Aug 2024 22:16

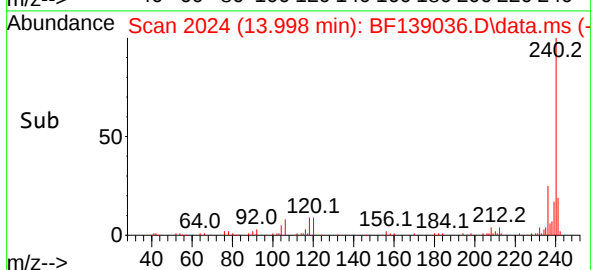
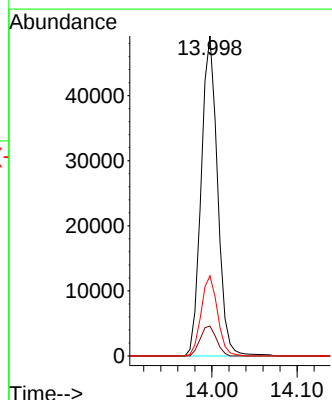
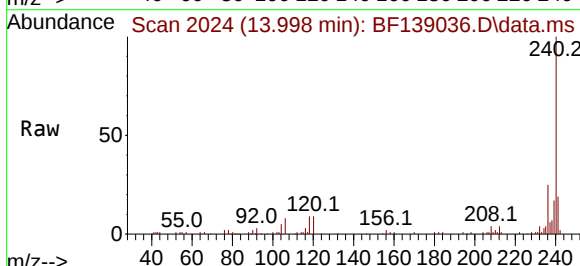
Tgt Ion:240 Resp: 65543

Ion Ratio Lower Upper

240 100

120 9.3 10.2 15.4#

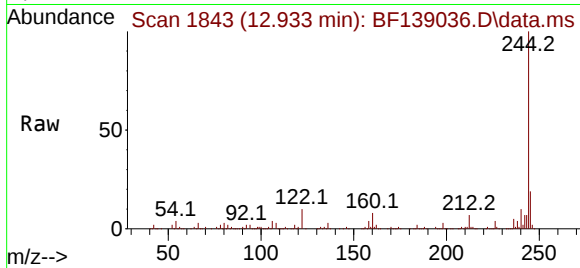
236 25.1 19.8 29.8



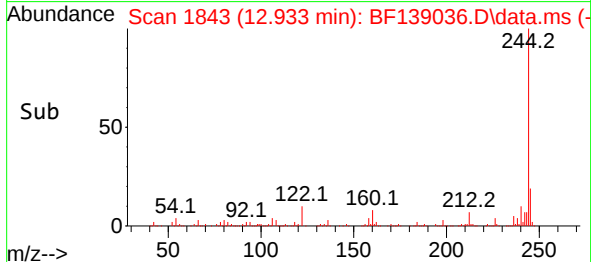
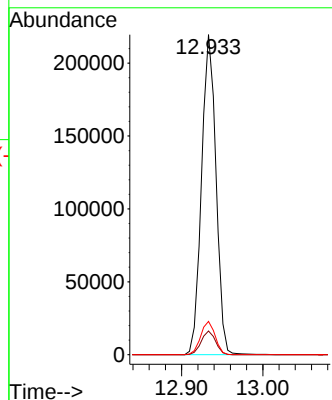


#79
 Terphenyl-d14
 Concen: 69.391 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF139036.D
 Acq: 15 Aug 2024 22:16

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Tgt Ion:244 Resp: 271647
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 10.4 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: BF139036.D
 Acq: 15 Aug 2024 22:16

Tgt Ion:264 Resp: 67323
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 20.4 17.0 25.6

