

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081624\
 Data File : BF139050.D
 Acq On : 16 Aug 2024 10:43
 Operator : RC/JU
 Sample : PB162520BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162520BL

Quant Time: Aug 16 11:06:01 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	46870	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	190657	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	110837	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	209233	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	121458	20.000	ng	0.00
86) Perylene-d12	15.468	264	88021	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	359436	118.379	ng	0.01
7) Phenol-d6	6.481	99	469534	115.179	ng	0.00
23) Nitrobenzene-d5	7.404	82	314797	80.725	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	113513	125.028	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	590168	80.003	ng	-0.02
79) Terphenyl-d14	12.939	244	694879	95.787	ng	0.00

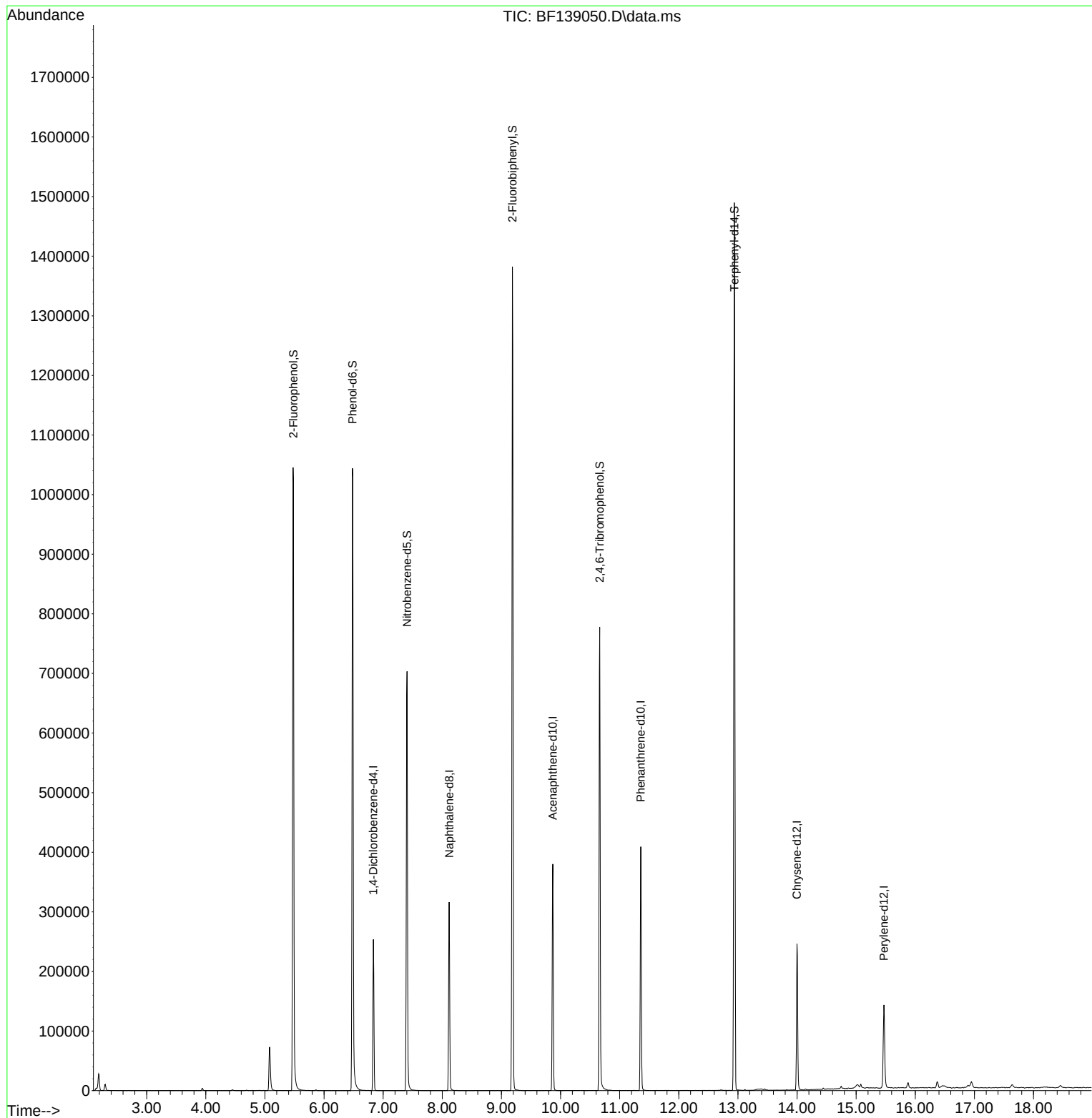
Target Compounds	Qvalue

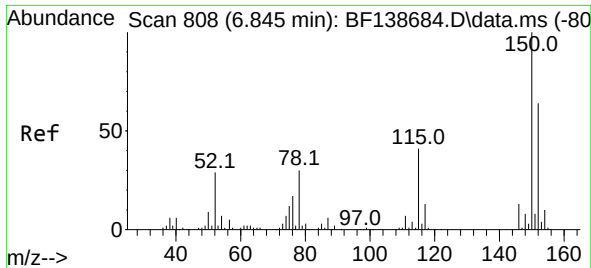
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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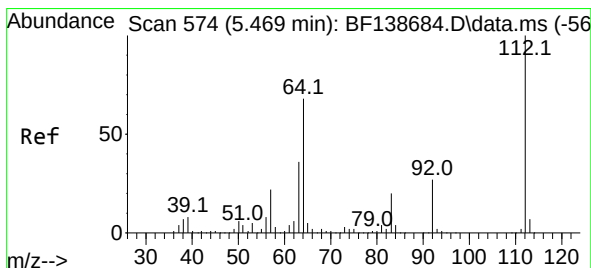
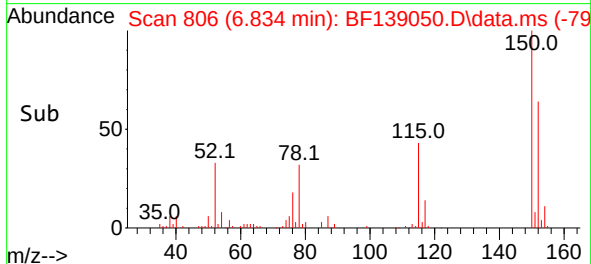
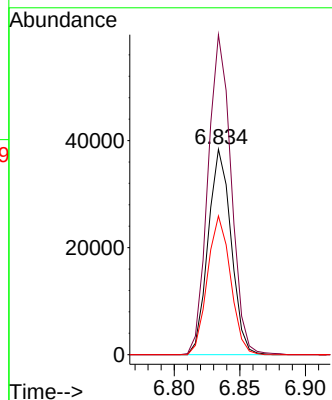
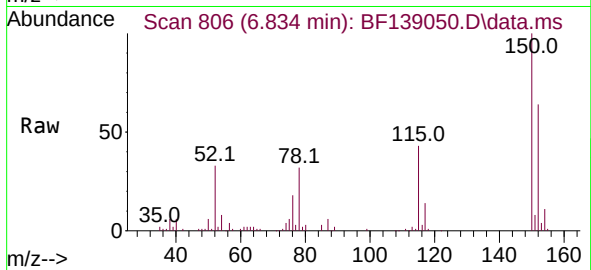




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139050.D
Acq: 16 Aug 2024 10:43

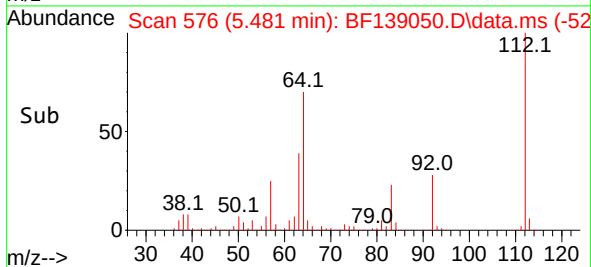
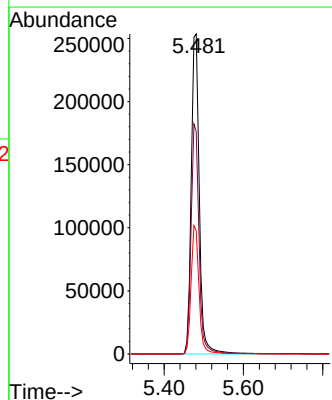
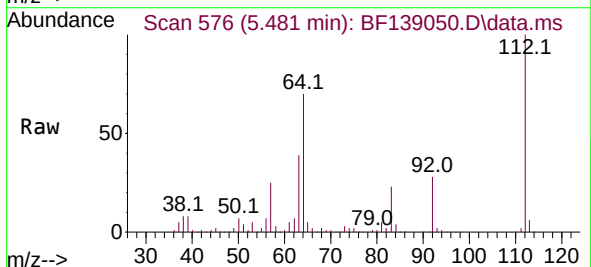
Instrument :
BNA_F
ClientSampleId :
PB162520BL

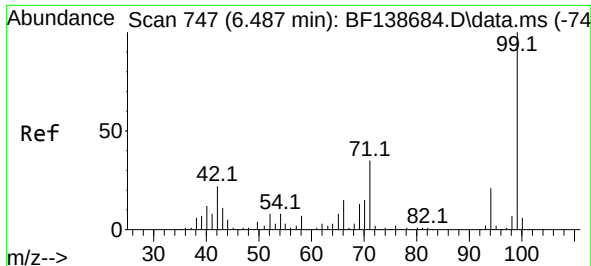
Tgt Ion:152 Resp: 46870
Ion Ratio Lower Upper
152 100
150 155.8 126.0 189.0
115 67.5 51.7 77.5



#5
2-Fluorophenol
Concen: 118.379 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF139050.D
Acq: 16 Aug 2024 10:43

Tgt Ion:112 Resp: 359436
Ion Ratio Lower Upper
112 100
64 69.5 54.2 81.4
63 38.6 28.7 43.1

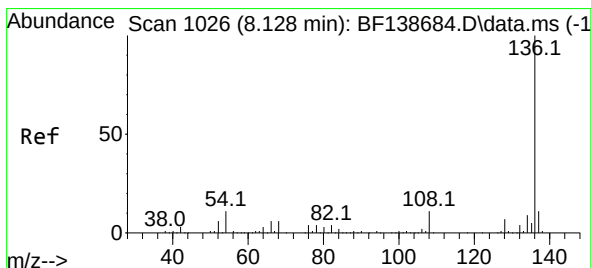
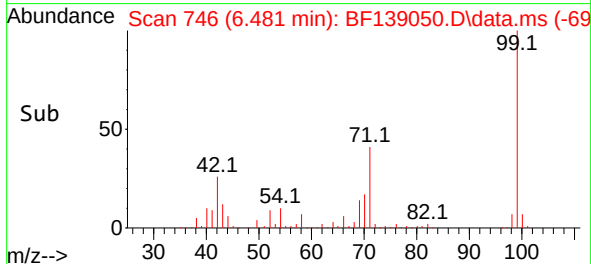
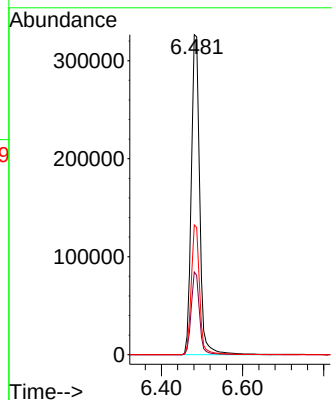
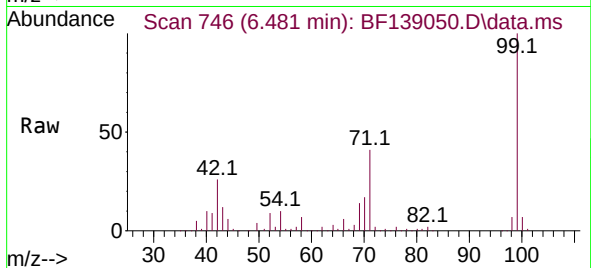




#7
Phenol-d6
Concen: 115.179 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139050.D
Acq: 16 Aug 2024 10:43

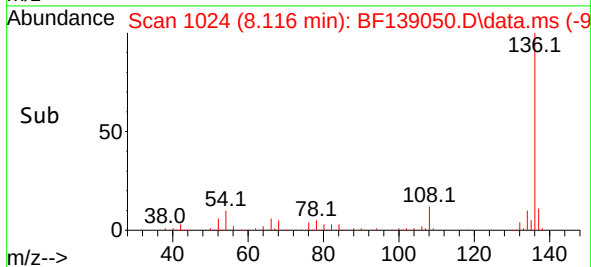
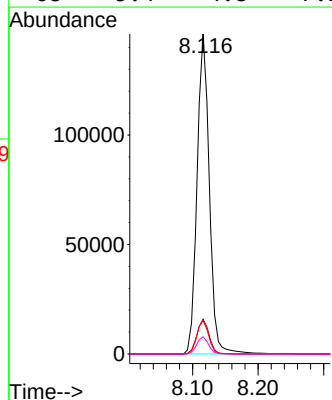
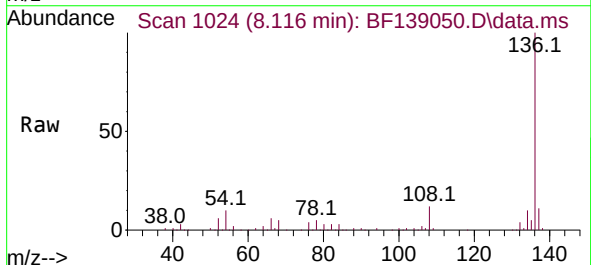
Instrument :
BNA_F
ClientSampleId :
PB162520BL

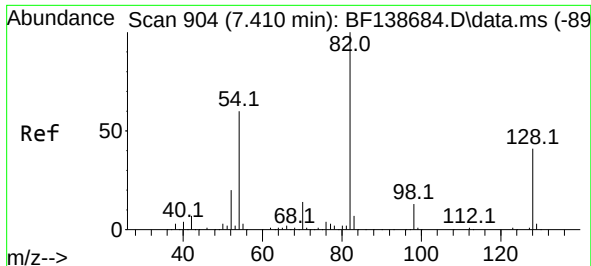
Tgt Ion: 99 Resp: 469534
Ion Ratio Lower Upper
99 100
42 25.8 17.4 26.0
71 40.6 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139050.D
Acq: 16 Aug 2024 10:43

Tgt Ion: 136 Resp: 190657
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.4 8.6 12.8
68 5.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 80.725 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF139050.D

Acq: 16 Aug 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB162520BL

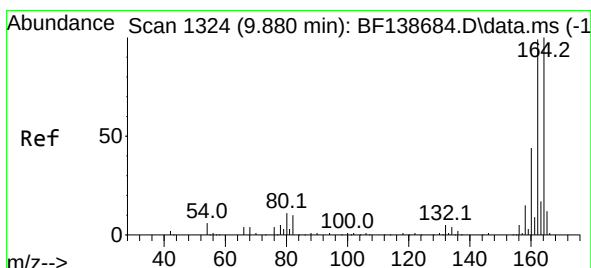
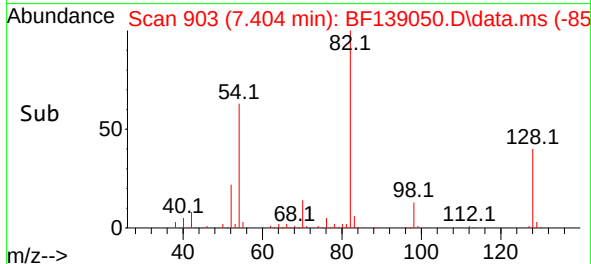
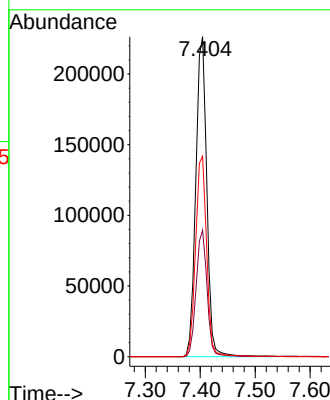
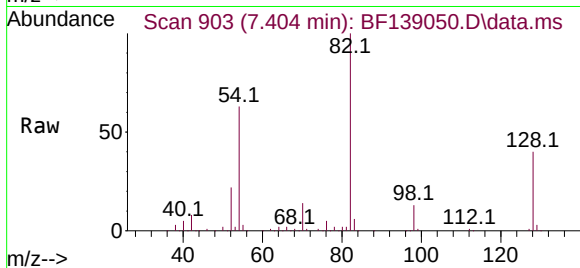
Tgt Ion: 82 Resp: 314797

Ion Ratio Lower Upper

82 100

128 39.6 32.8 49.2

54 62.6 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: BF139050.D

Acq: 16 Aug 2024 10:43

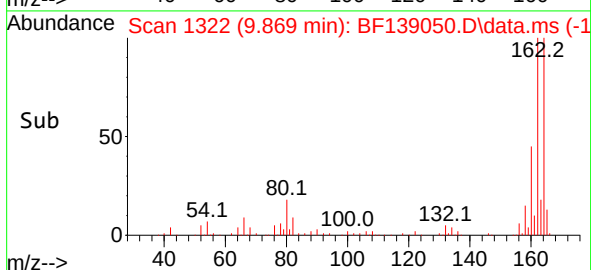
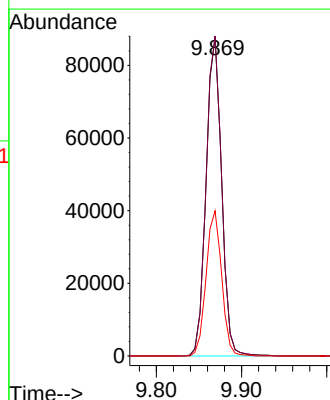
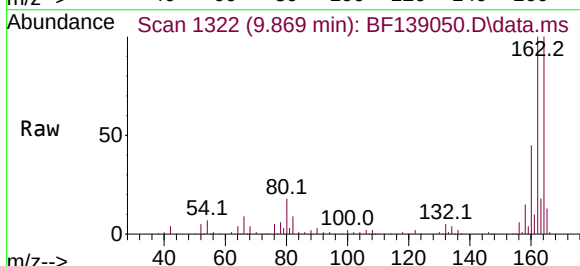
Tgt Ion: 164 Resp: 110837

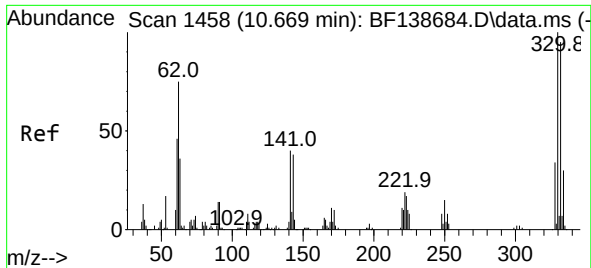
Ion Ratio Lower Upper

164 100

162 100.5 79.4 119.0

160 45.6 35.1 52.7

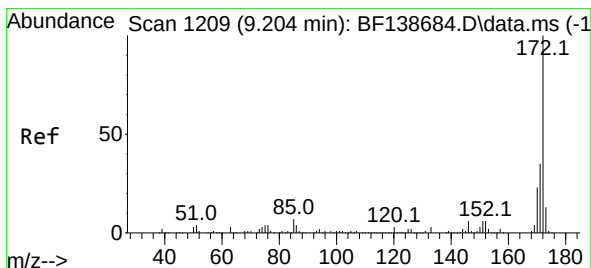
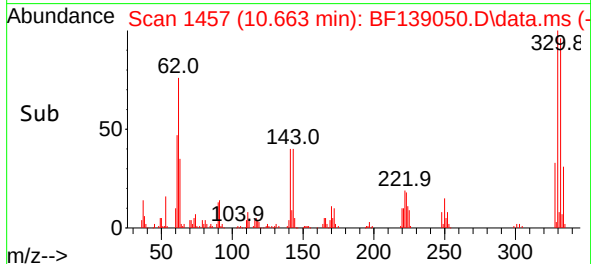
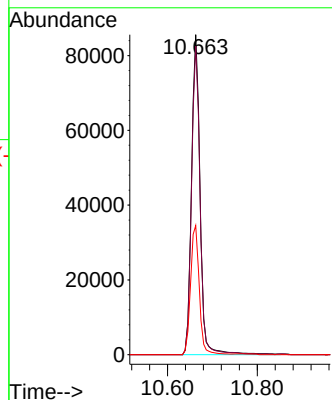
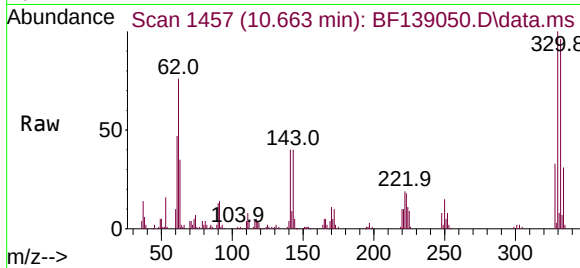




#42
2,4,6-Tribromophenol
Concen: 125.028 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF139050.D
Acq: 16 Aug 2024 10:43

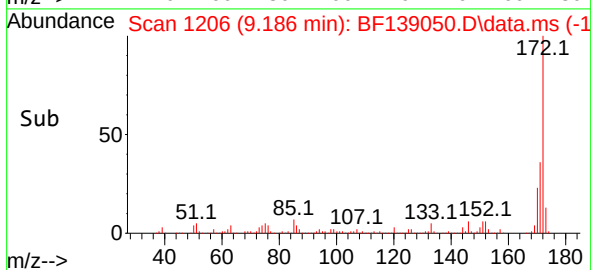
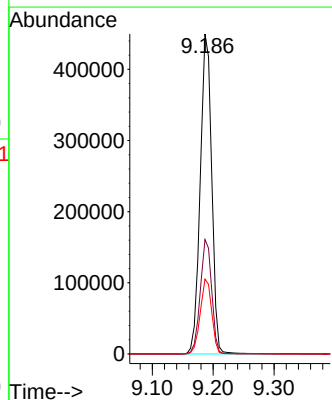
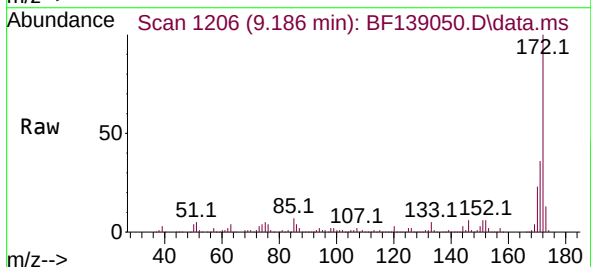
Instrument :
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ClientSampleId :
PB162520BL

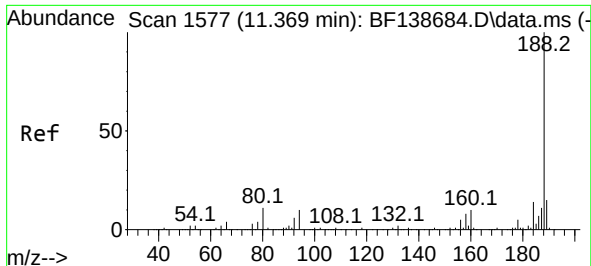
Tgt Ion: 330 Resp: 113513
Ion Ratio Lower Upper
330 100
332 96.3 76.4 114.6
141 41.1 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 80.003 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139050.D
Acq: 16 Aug 2024 10:43

Tgt Ion: 172 Resp: 590168
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.4 18.8 28.2

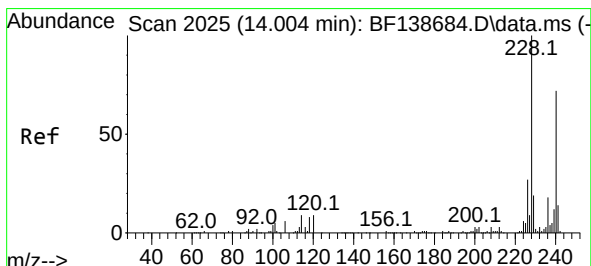
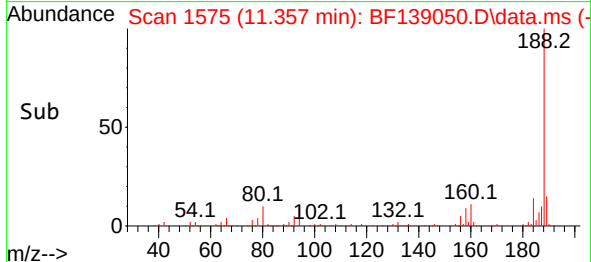
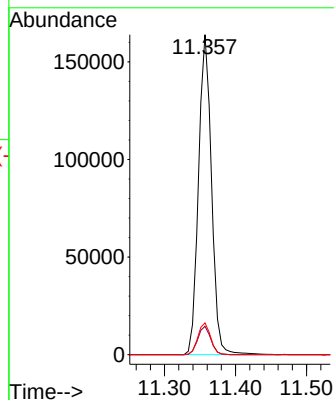
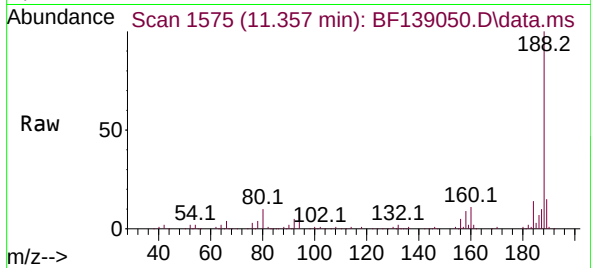




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139050.D
Acq: 16 Aug 2024 10:43

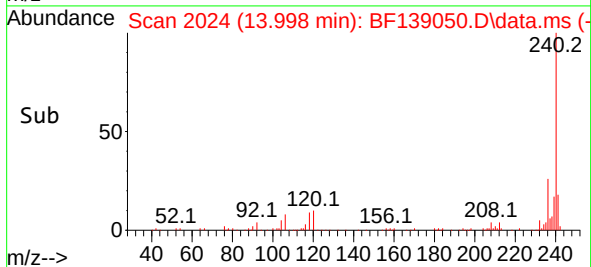
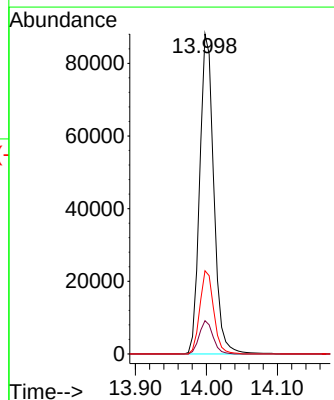
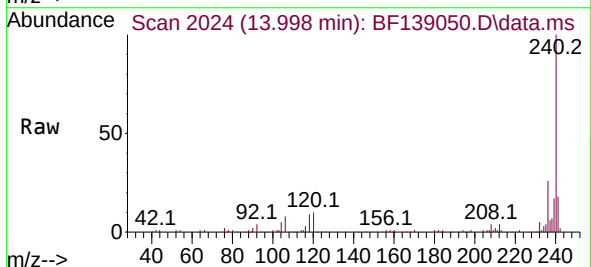
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BNA_F
ClientSampleId :
PB162520BL

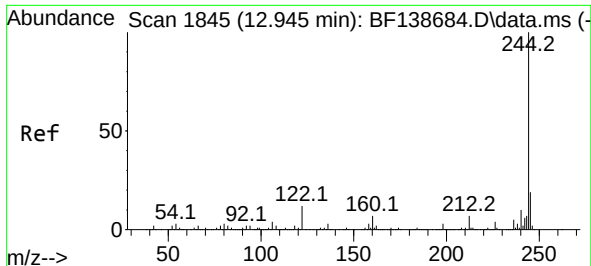
Tgt Ion:188 Resp: 209233
Ion Ratio Lower Upper
188 100
94 8.9 7.6 11.4
80 10.0 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139050.D
Acq: 16 Aug 2024 10:43

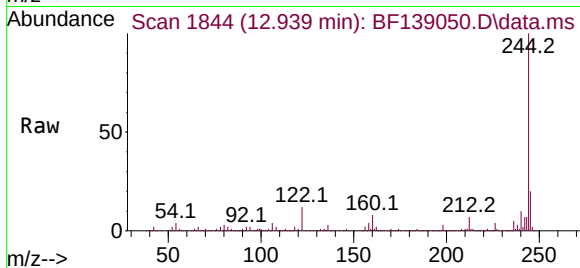
Tgt Ion:240 Resp: 121458
Ion Ratio Lower Upper
240 100
120 10.4 10.2 15.4
236 26.0 19.8 29.8



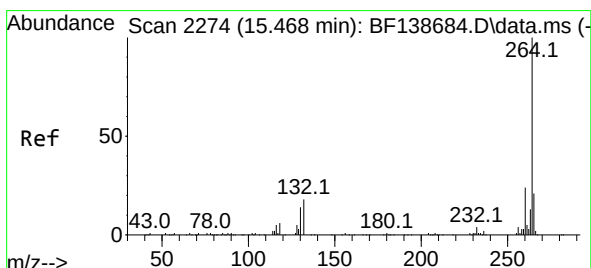
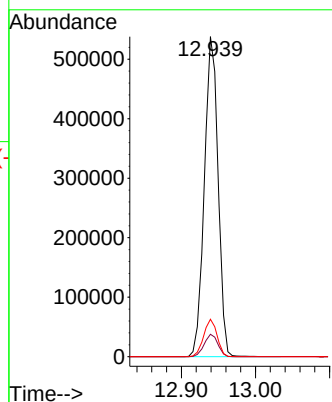
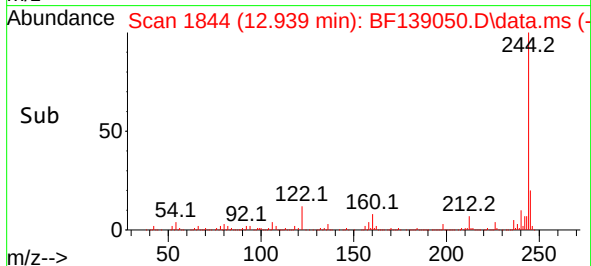


#79
Terphenyl-d14
Concen: 95.787 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF139050.D
Acq: 16 Aug 2024 10:43

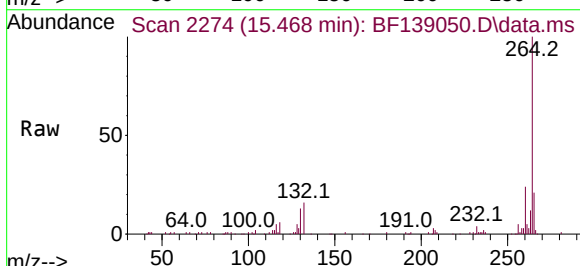
Instrument :
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ClientSampleId :
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Tgt Ion:244 Resp: 694879
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.7 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF139050.D
Acq: 16 Aug 2024 10:43



Tgt Ion:264 Resp: 88021
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 21.3 17.0 25.6

