

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138925.D
 Acq On : 12 Aug 2024 10:38
 Operator : RC/JU
 Sample : PB162487BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162487BL

Quant Time: Aug 12 11:19:16 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	6.840	152	43107	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	176916	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	100400	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	183493	20.000	ng	0.00
76) Chrysene-d12	14.004	240	94958	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	75204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	430874	154.295	ng	0.01
7) Phenol-d6	6.487	99	562275	149.969	ng	0.00
23) Nitrobenzene-d5	7.404	82	372994	103.078	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	130341	158.487	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	689201	103.140	ng	-0.01
79) Terphenyl-d14	12.945	244	733972	129.412	ng	0.00

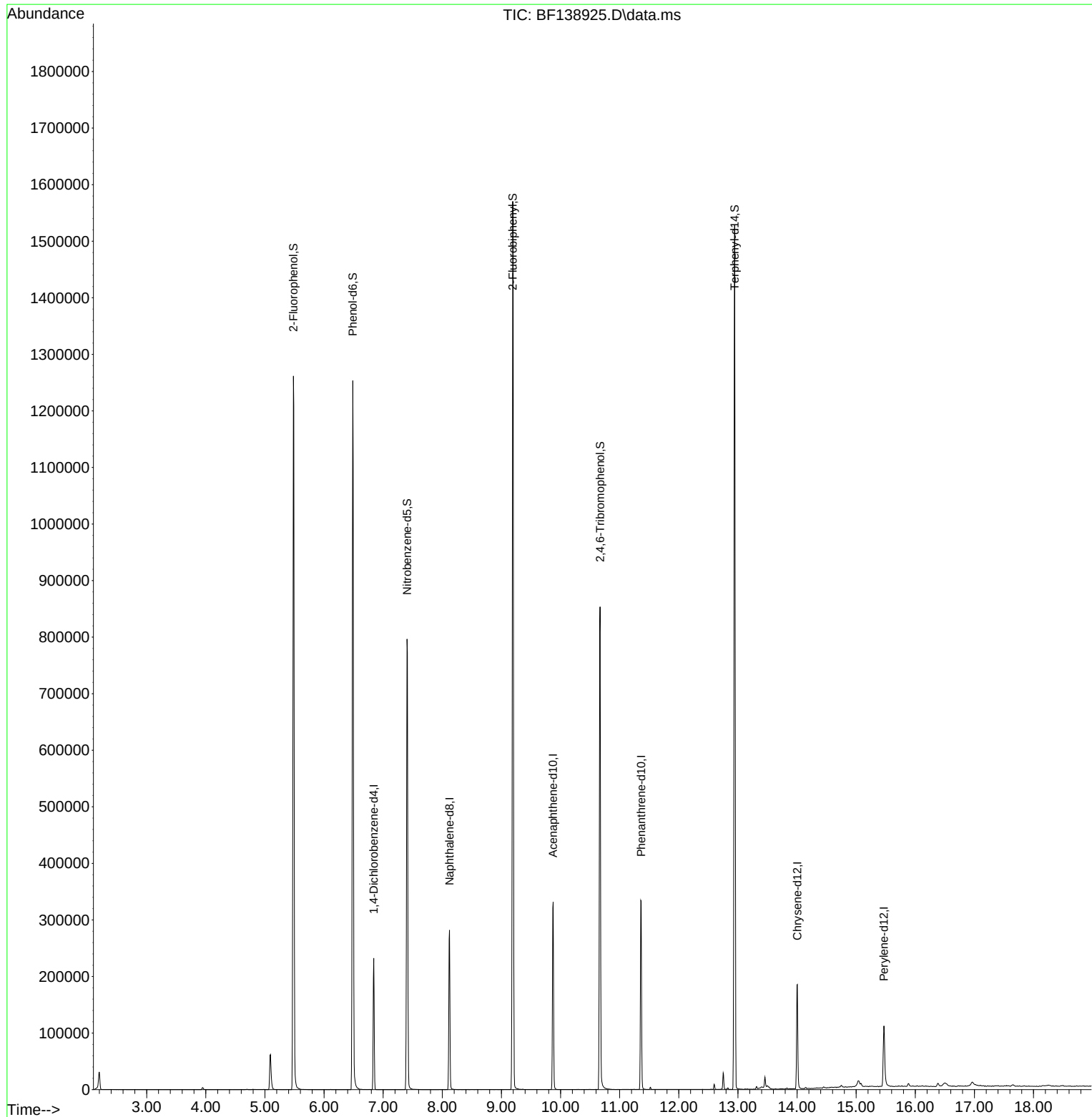
Target Compounds	Qvalue

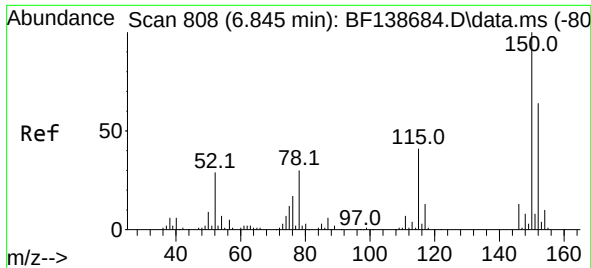
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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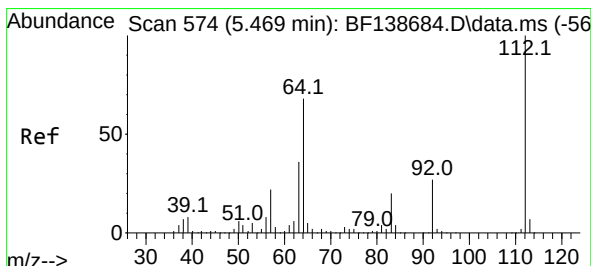
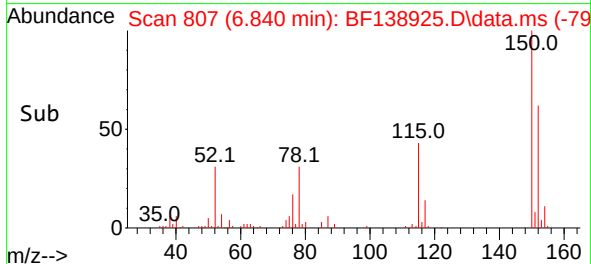
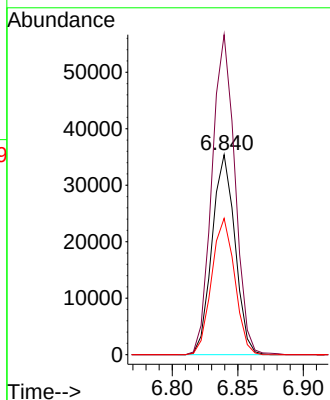
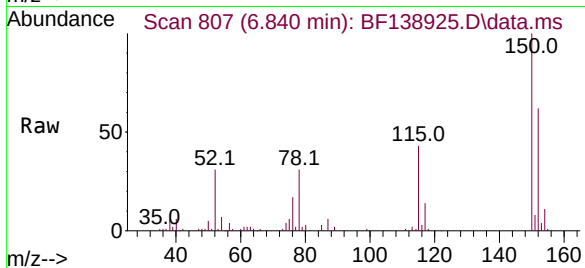




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138925.D
Acq: 12 Aug 2024 10:38

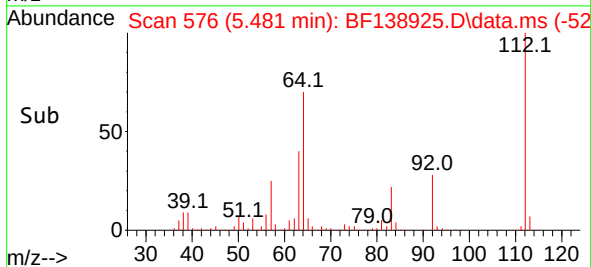
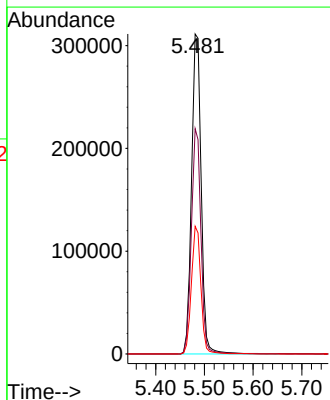
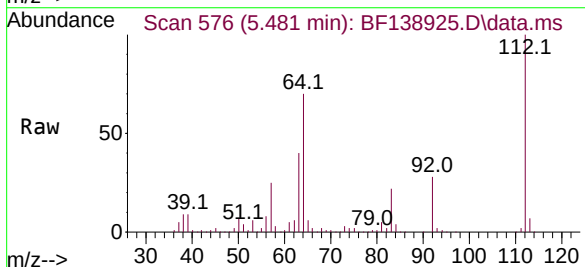
Instrument :
BNA_F
ClientSampleId :
PB162487BL

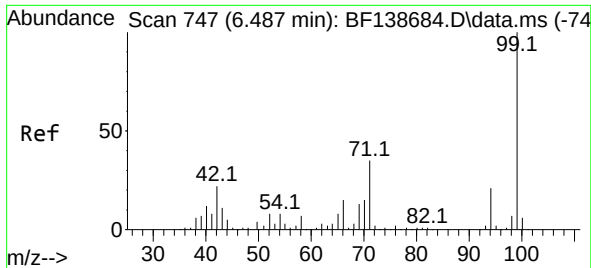
Tgt Ion:152 Resp: 43107
Ion Ratio Lower Upper
152 100
150 160.0 126.0 189.0
115 68.2 51.7 77.5



#5
2-Fluorophenol
Concen: 154.295 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138925.D
Acq: 12 Aug 2024 10:38

Tgt Ion:112 Resp: 430874
Ion Ratio Lower Upper
112 100
64 70.4 54.2 81.4
63 39.9 28.7 43.1





#7

Phenol-d6

Concen: 149.969 ng

RT: 6.487 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF138925.D

Acq: 12 Aug 2024 10:38

Instrument :

BNA_F

ClientSampleId :

PB162487BL

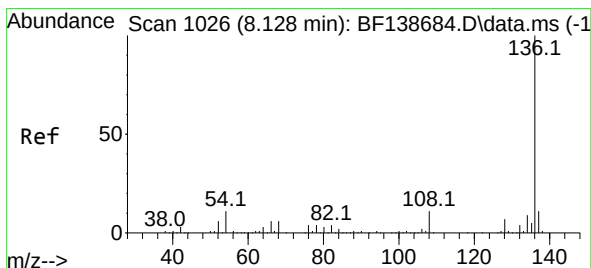
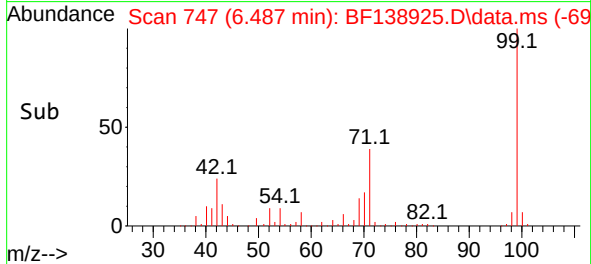
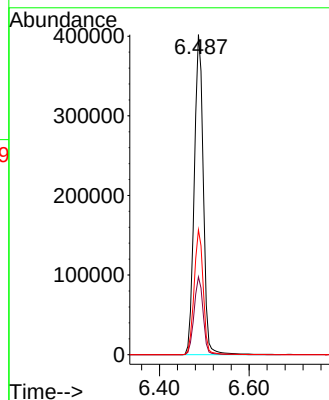
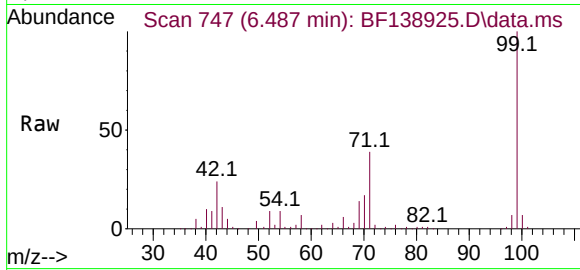
Tgt Ion: 99 Resp: 562275

Ion Ratio Lower Upper

99 100

42 24.3 17.4 26.0

71 39.0 28.1 42.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF138925.D

Acq: 12 Aug 2024 10:38

Tgt Ion: 136 Resp: 176916

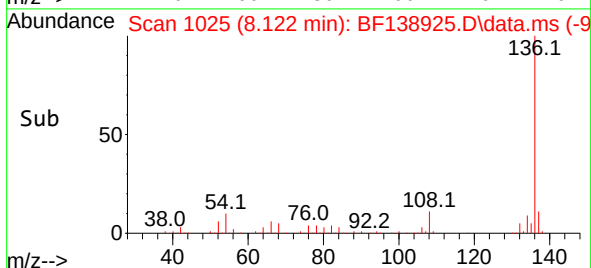
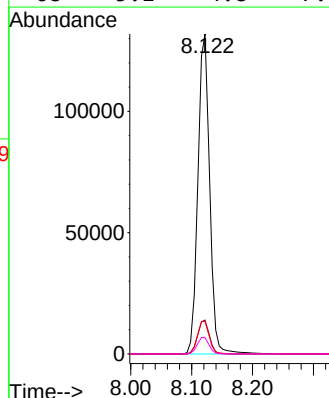
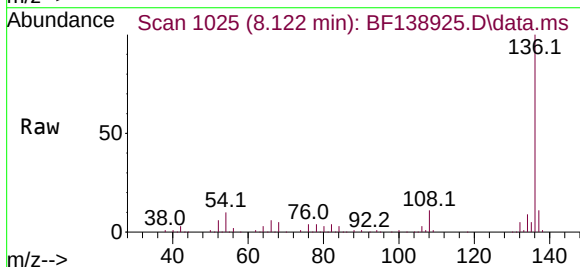
Ion Ratio Lower Upper

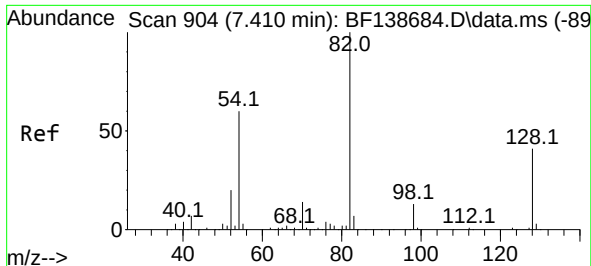
136 100

137 10.6 8.9 13.3

54 10.2 8.6 12.8

68 5.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 103.078 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138925.D

Acq: 12 Aug 2024 10:38

Instrument :

BNA_F

ClientSampleId :

PB162487BL

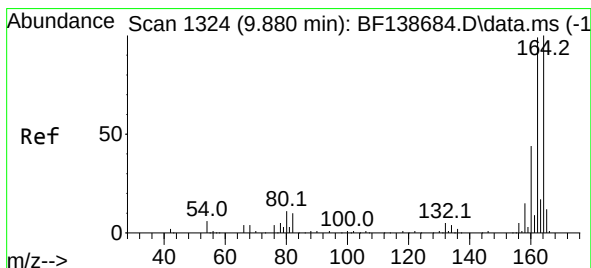
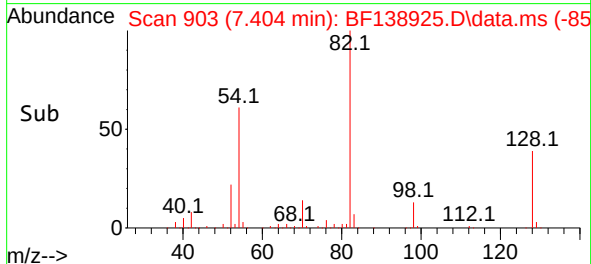
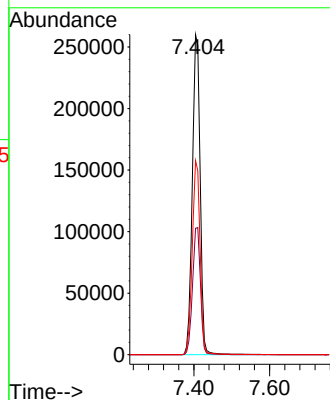
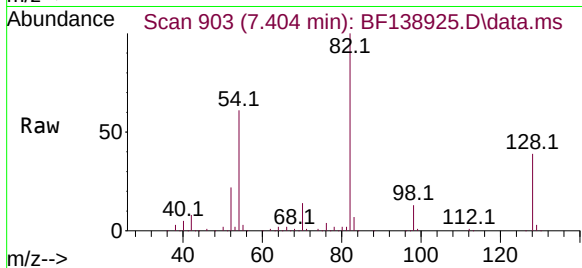
Tgt Ion: 82 Resp: 372994

Ion Ratio Lower Upper

82 100

128 39.5 32.8 49.2

54 60.6 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1323

Delta R.T. -0.005 min

Lab File: BF138925.D

Acq: 12 Aug 2024 10:38

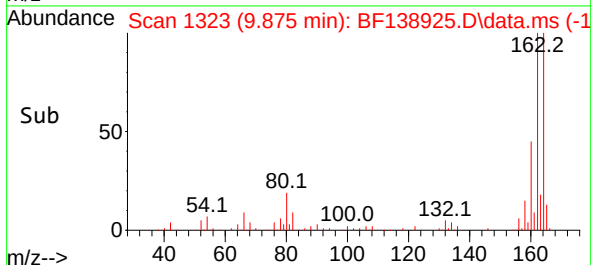
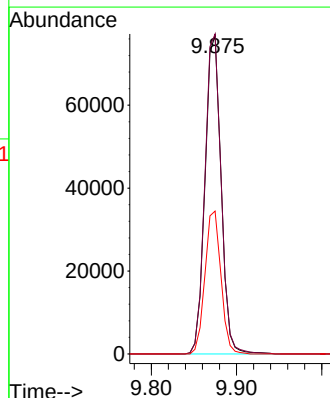
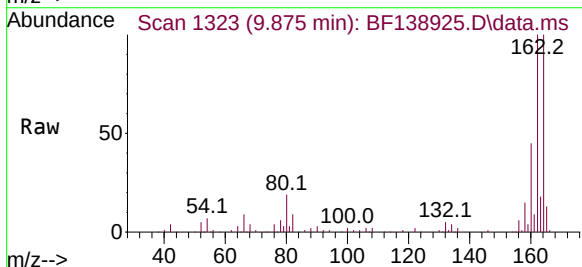
Tgt Ion:164 Resp: 100400

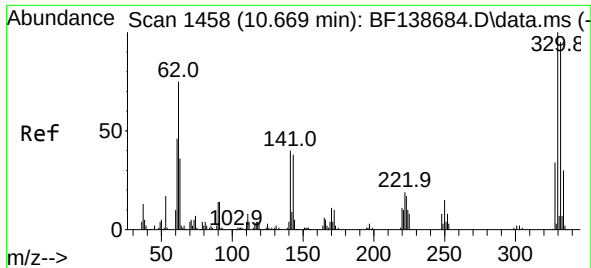
Ion Ratio Lower Upper

164 100

162 100.4 79.4 119.0

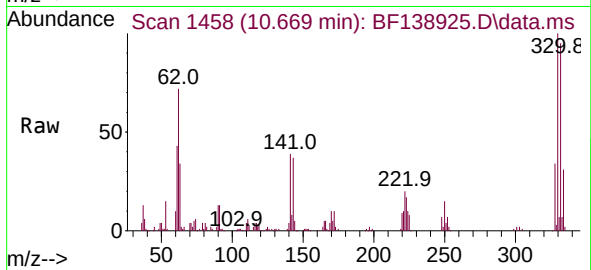
160 44.8 35.1 52.7



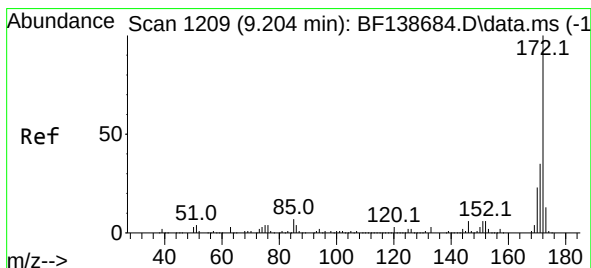
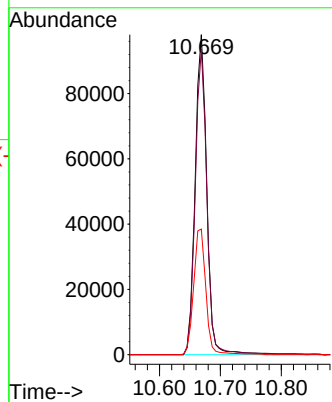
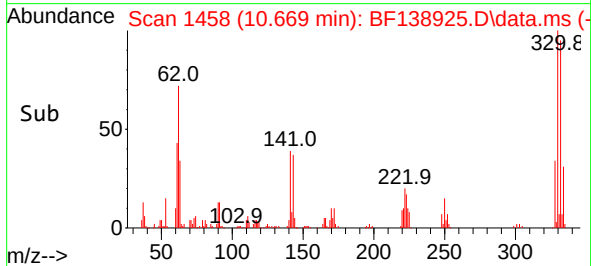


#42
2,4,6-Tribromophenol
Concen: 158.487 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138925.D
Acq: 12 Aug 2024 10:38

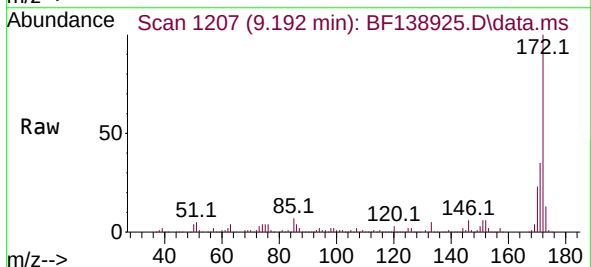
Instrument :
BNA_F
ClientSampleId :
PB162487BL



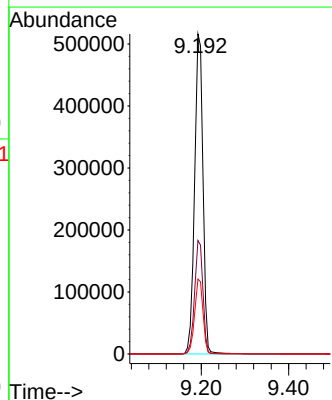
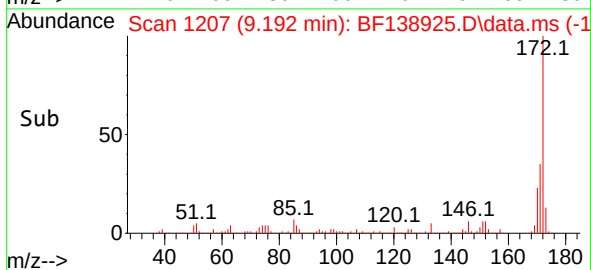
Tgt Ion:330 Resp: 130341
Ion Ratio Lower Upper
330 100
332 95.6 76.4 114.6
141 41.3 31.1 46.7

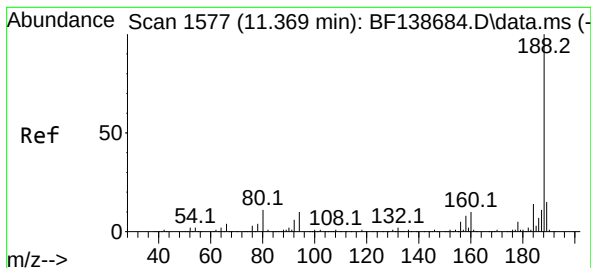


#45
2-Fluorobiphenyl
Concen: 103.140 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138925.D
Acq: 12 Aug 2024 10:38



Tgt Ion:172 Resp: 689201
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.4 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138925.D

Acq: 12 Aug 2024 10:38

Instrument :

BNA_F

ClientSampleId :

PB162487BL

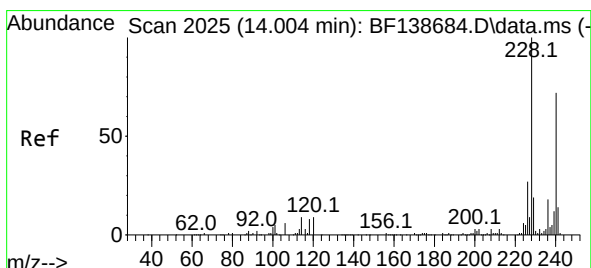
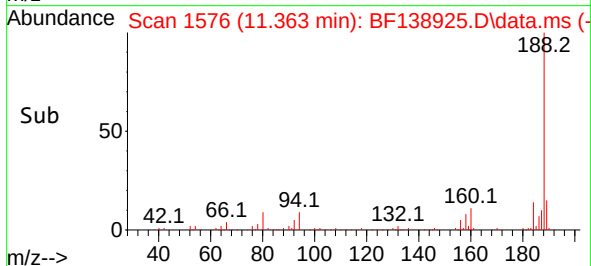
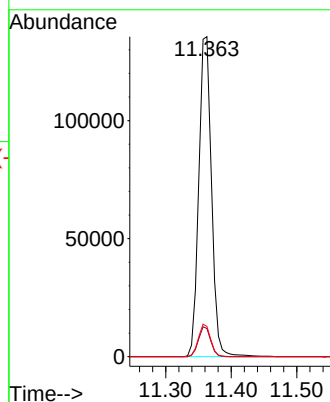
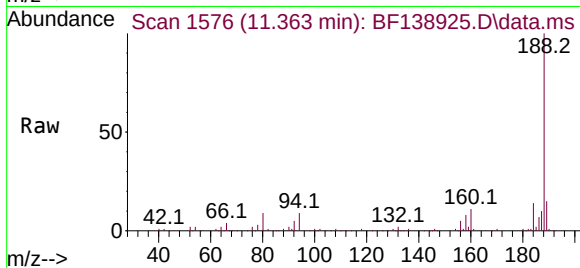
Tgt Ion:188 Resp: 183493

Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

80 9.5 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138925.D

Acq: 12 Aug 2024 10:38

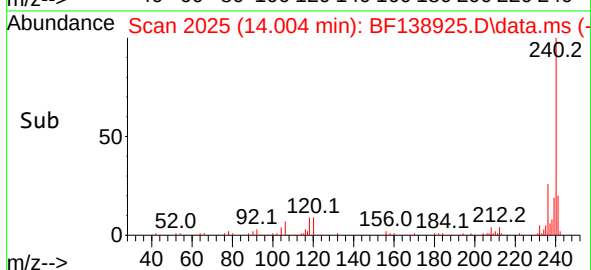
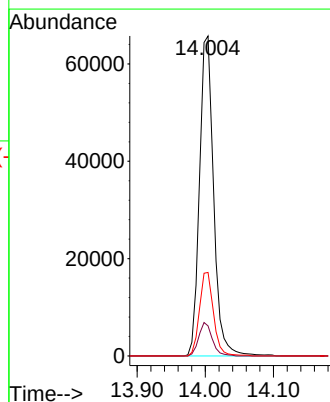
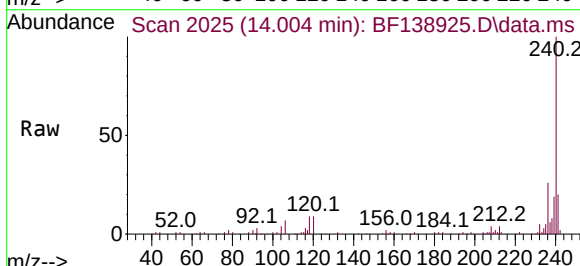
Tgt Ion:240 Resp: 94958

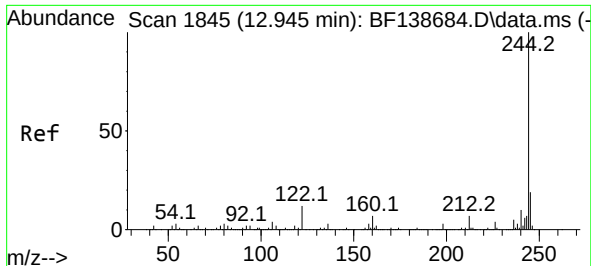
Ion Ratio Lower Upper

240 100

120 9.4 10.2 15.4#

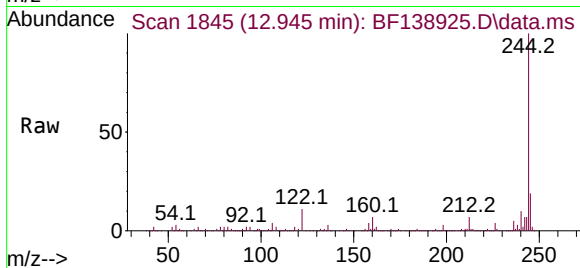
236 26.1 19.8 29.8



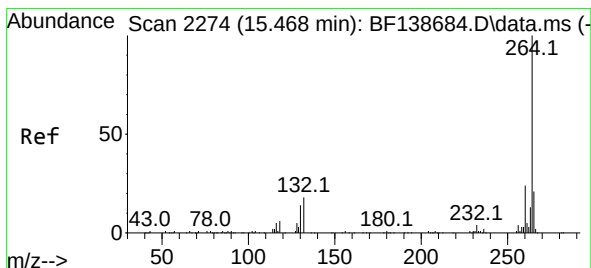
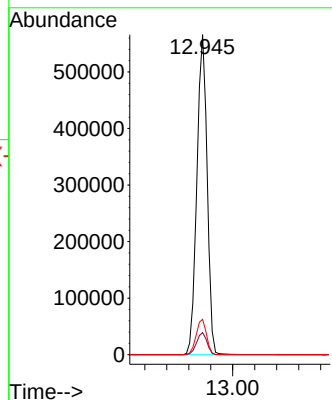
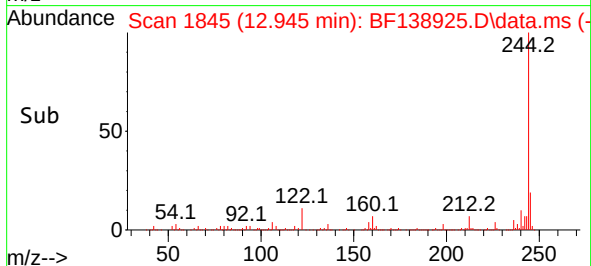


#79
Terphenyl-d14
Concen: 129.412 ng
RT: 12.945 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF138925.D
Acq: 12 Aug 2024 10:38

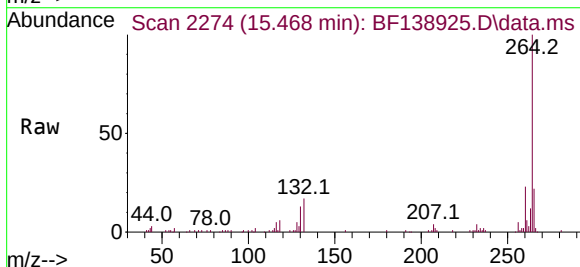
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 733972
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 11.1 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF138925.D
Acq: 12 Aug 2024 10:38



Tgt Ion:264 Resp: 75204
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 21.8 17.0 25.6

