

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138851.D
 Acq On : 07 Aug 2024 19:37
 Operator : RC/JU
 Sample : P3430-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 927-K1-WP0-0-0.25-073124-FD

Quant Time: Aug 08 01:20:37 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	45755	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	182999	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	98820	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	161899	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	79196	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	83196	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	211366	71.309	ng	0.00
7) Phenol-d6	6.481	99	182881	45.955	ng	0.00
23) Nitrobenzene-d5	7.404	82	346629	92.608	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	124628	153.963	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	636835	96.827	ng	-0.01
79) Terphenyl-d14	12.939	244	527614	111.542	ng	0.00

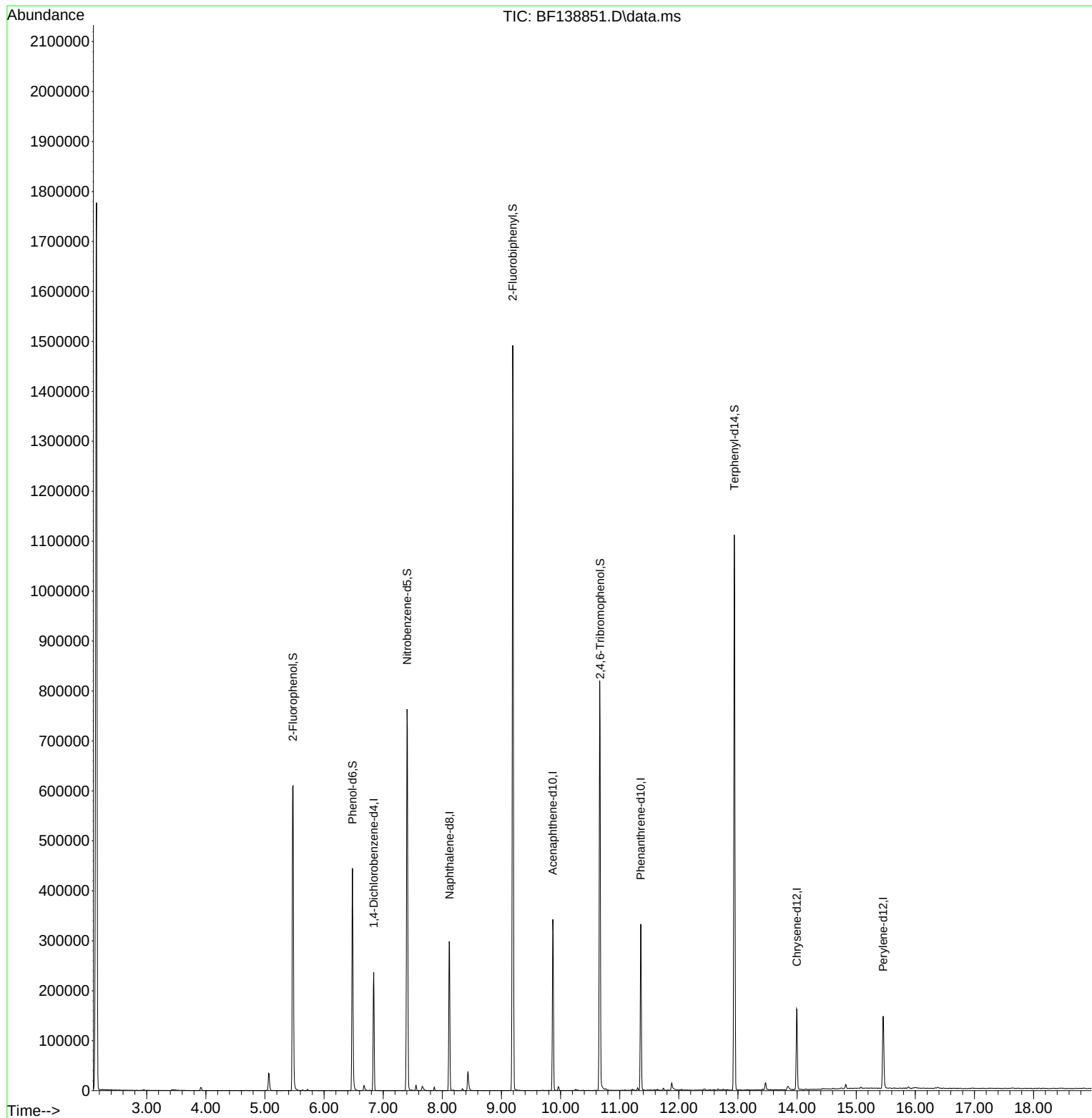
Target Compounds	Qvalue

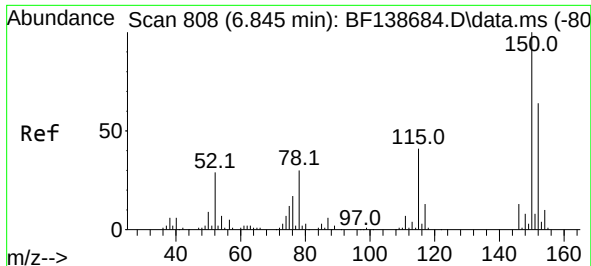
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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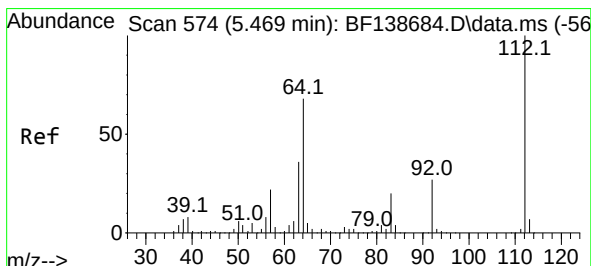
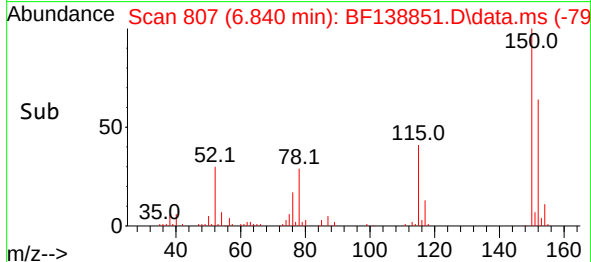
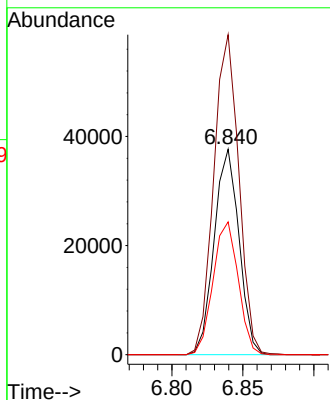
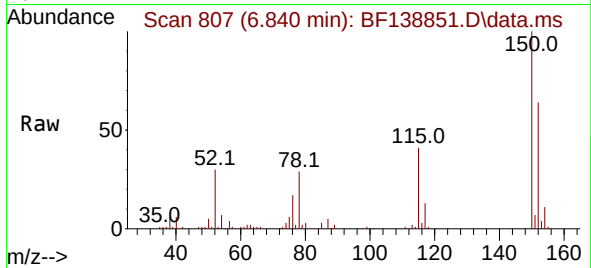




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138851.D
Acq: 07 Aug 2024 19:37

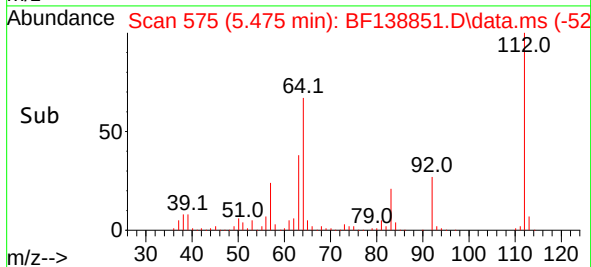
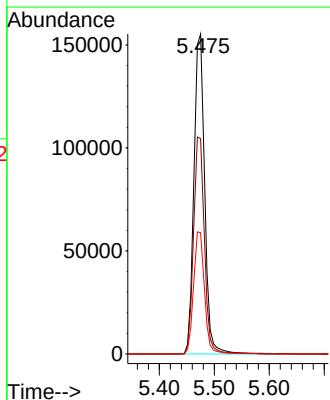
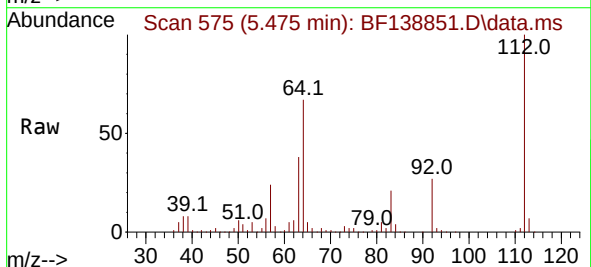
Instrument :
BNA_F
ClientSampleId :
927-K1-WP0-0-0.25-073124-FD

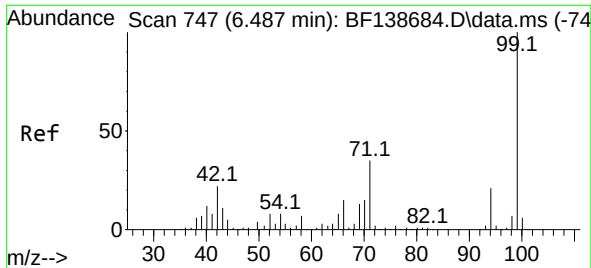
Tgt Ion:152 Resp: 45755
Ion Ratio Lower Upper
152 100
150 155.7 126.0 189.0
115 64.6 51.7 77.5



#5
2-Fluorophenol
Concen: 71.309 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138851.D
Acq: 07 Aug 2024 19:37

Tgt Ion:112 Resp: 211366
Ion Ratio Lower Upper
112 100
64 67.3 54.2 81.4
63 37.9 28.7 43.1

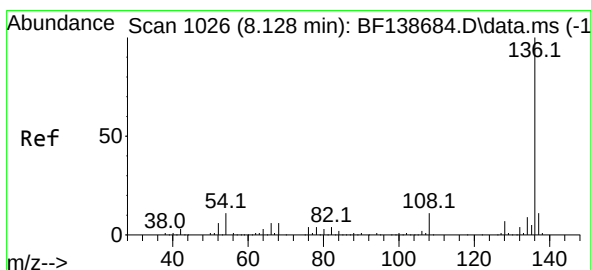
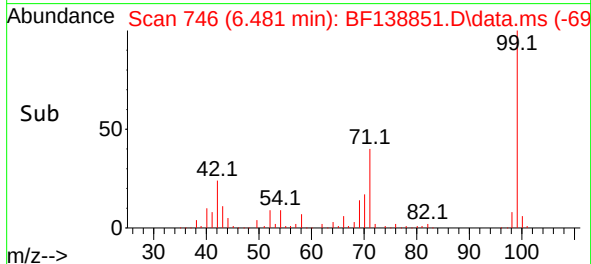
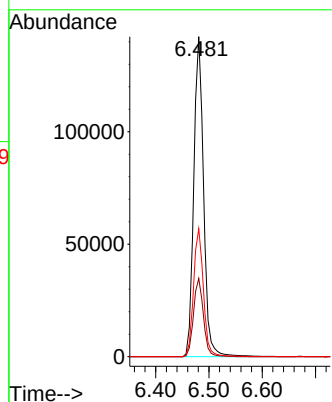
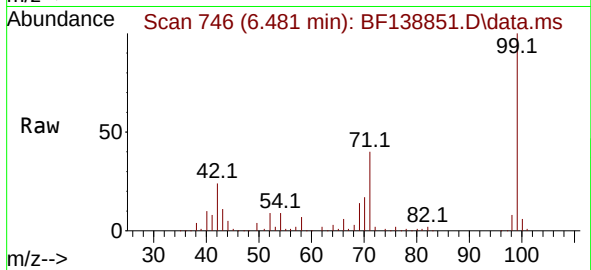




#7
Phenol-d6
Concen: 45.955 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138851.D
Acq: 07 Aug 2024 19:37

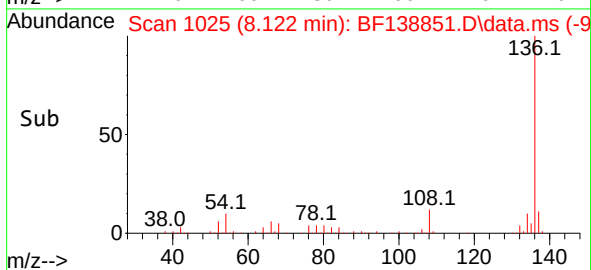
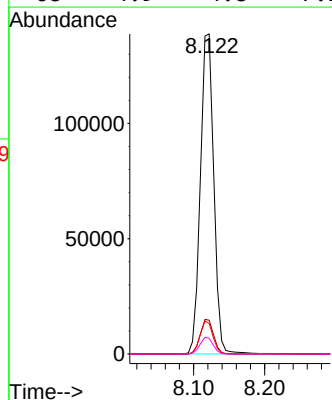
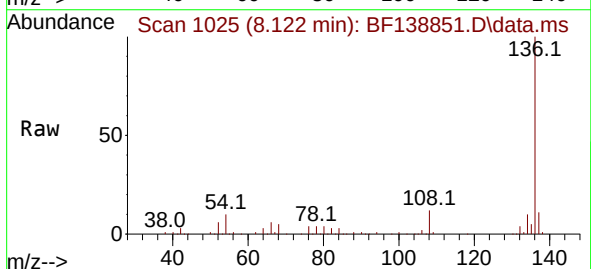
Instrument :
BNA_F
ClientSampleId :
927-K1-WP0-0-0.25-073124-FD

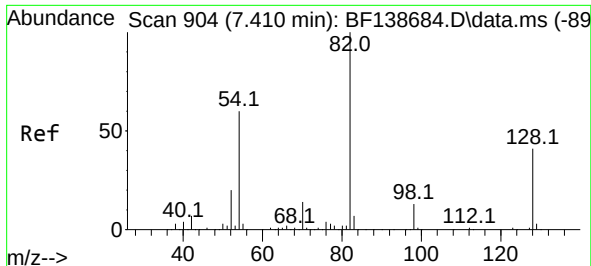
Tgt Ion: 99 Resp: 182881
Ion Ratio Lower Upper
99 100
42 24.5 17.4 26.0
71 40.0 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138851.D
Acq: 07 Aug 2024 19:37

Tgt Ion: 136 Resp: 182999
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 9.5 8.6 12.8
68 4.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 92.608 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138851.D

Acq: 07 Aug 2024 19:37

Instrument :

BNA_F

ClientSampleId :

927-K1-WP0-0-0.25-073124-FD

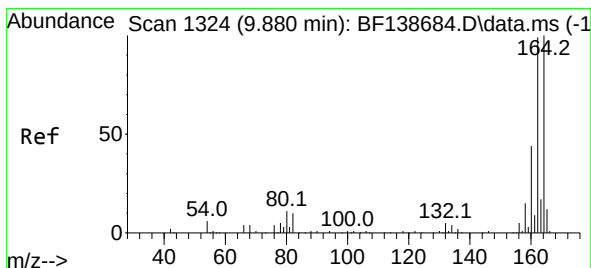
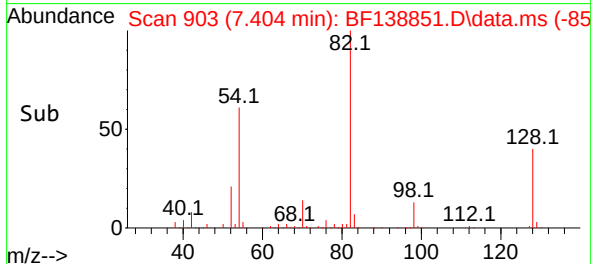
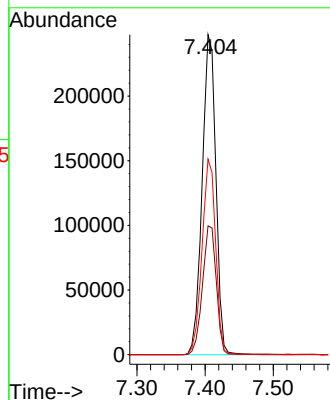
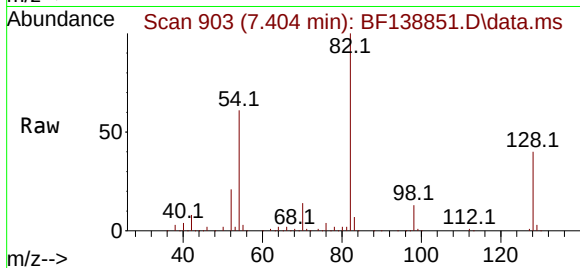
Tgt Ion: 82 Resp: 346629

Ion Ratio Lower Upper

82 100

128 40.3 32.8 49.2

54 61.1 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: BF138851.D

Acq: 07 Aug 2024 19:37

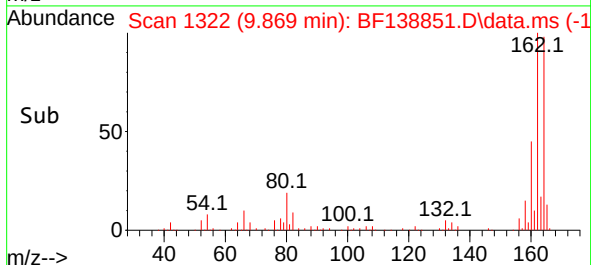
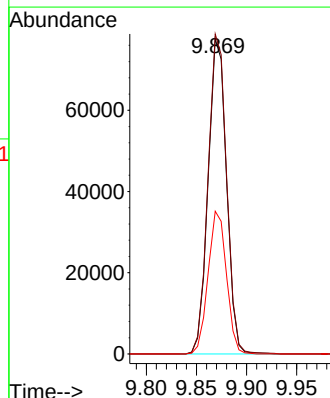
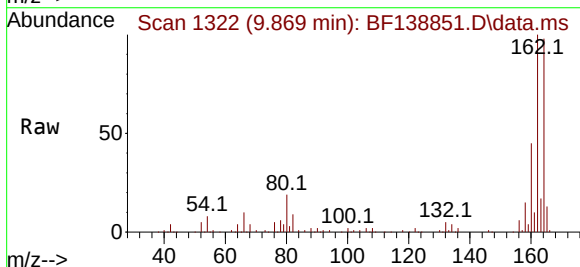
Tgt Ion:164 Resp: 98820

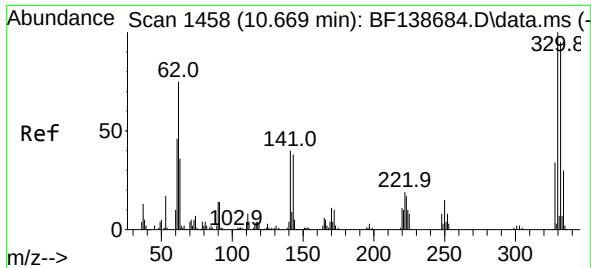
Ion Ratio Lower Upper

164 100

162 101.6 79.4 119.0

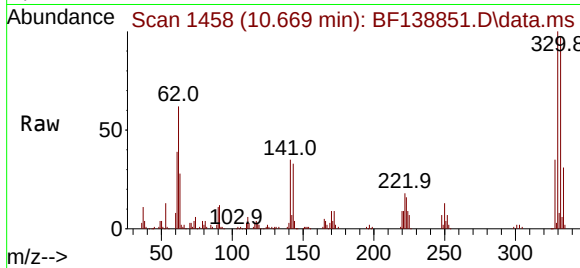
160 45.3 35.1 52.7



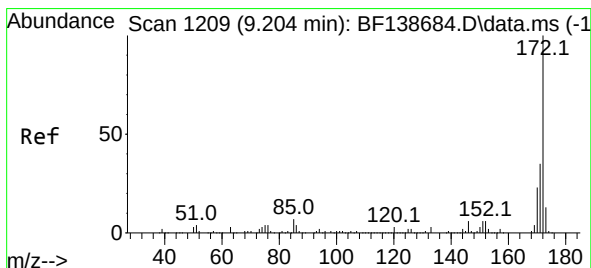
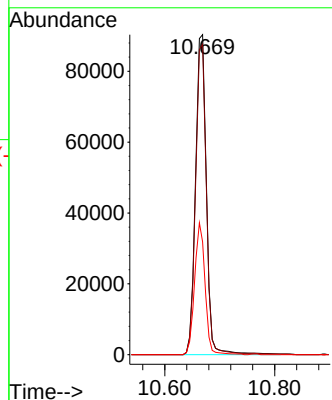
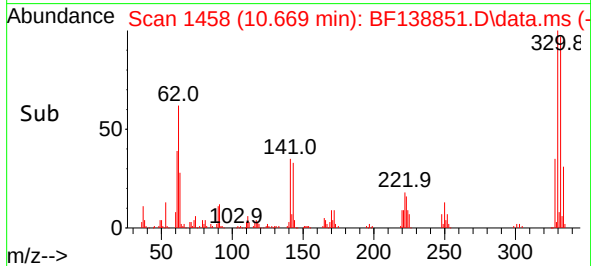


#42
2,4,6-Tribromophenol
Concen: 153.963 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138851.D
Acq: 07 Aug 2024 19:37

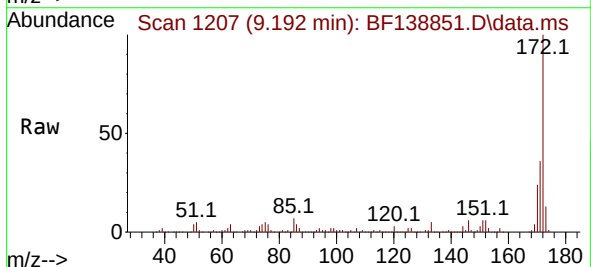
Instrument :
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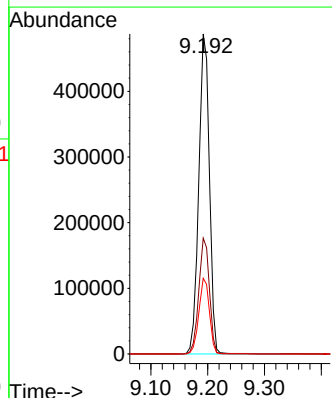
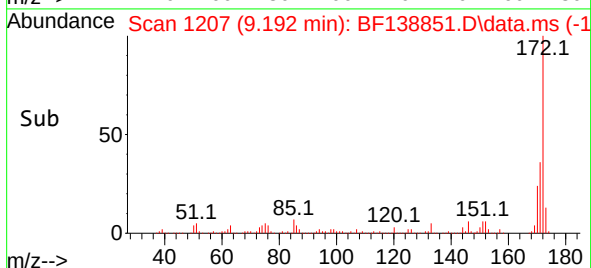
Tgt Ion: 330 Resp: 124628
Ion Ratio Lower Upper
330 100
332 95.2 76.4 114.6
141 39.5 31.1 46.7

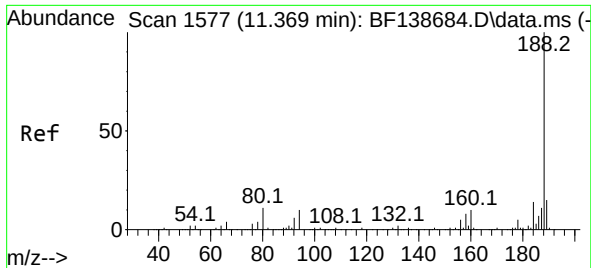


#45
2-Fluorobiphenyl
Concen: 96.827 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138851.D
Acq: 07 Aug 2024 19:37



Tgt Ion: 172 Resp: 636835
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 23.7 18.8 28.2

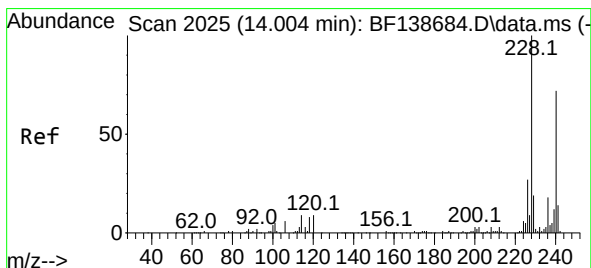
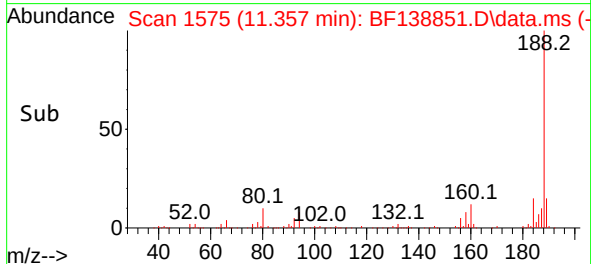
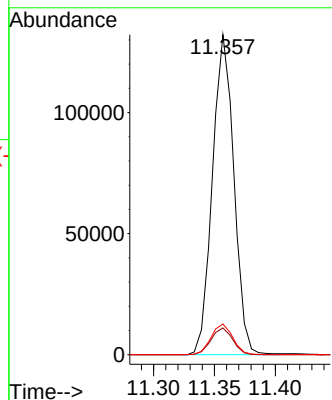
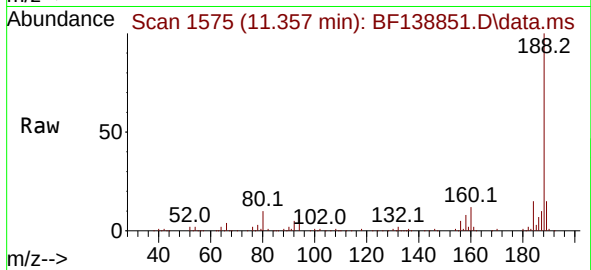




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138851.D
Acq: 07 Aug 2024 19:37

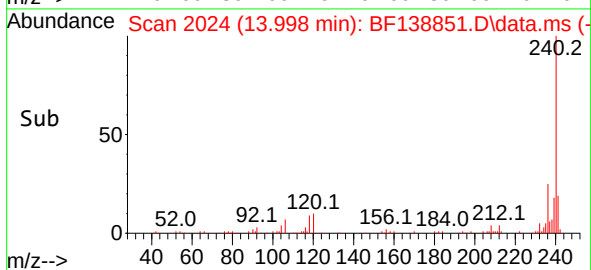
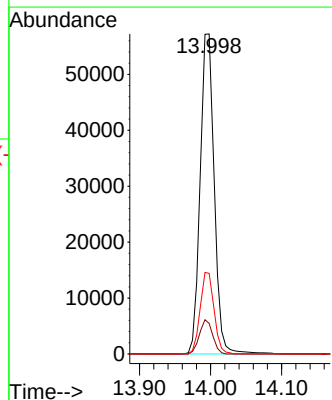
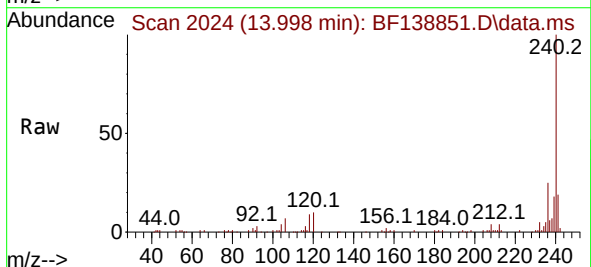
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927-K1-WP0-0-0.25-073124-FD

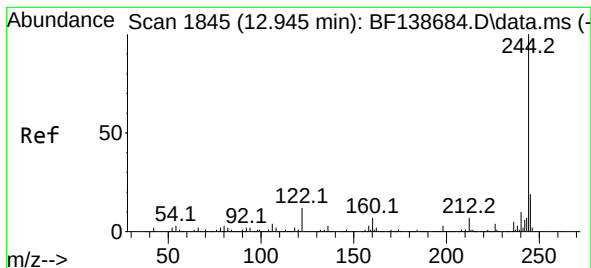
Tgt Ion:188 Resp: 161899
Ion Ratio Lower Upper
188 100
94 8.3 7.6 11.4
80 9.6 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138851.D
Acq: 07 Aug 2024 19:37

Tgt Ion:240 Resp: 79196
Ion Ratio Lower Upper
240 100
120 9.5 10.2 15.4#
236 25.2 19.8 29.8





#79

Terphenyl-d14

Concen: 111.542 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF138851.D

Acq: 07 Aug 2024 19:37

Instrument :

BNA_F

ClientSampleId :

927-K1-WP0-0-0.25-073124-FD

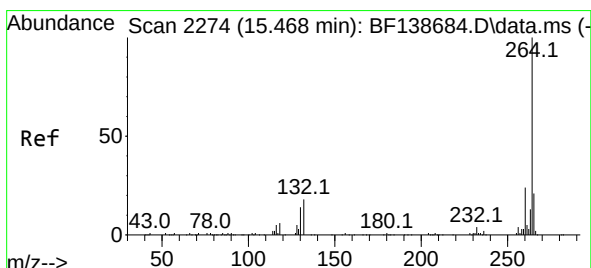
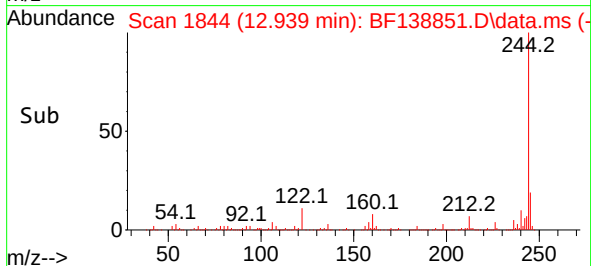
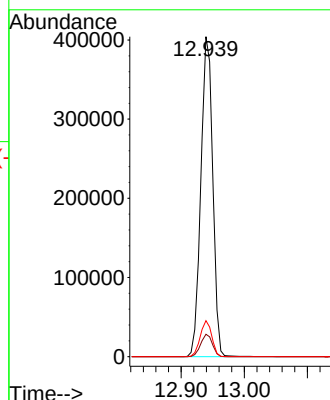
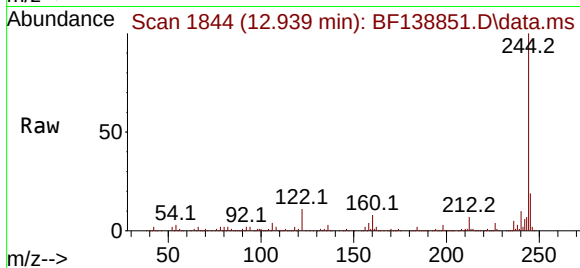
Tgt Ion:244 Resp: 527614

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.3 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF138851.D

Acq: 07 Aug 2024 19:37

Tgt Ion:264 Resp: 83196

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 21.2 17.0 25.6

