

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138837.D
 Acq On : 07 Aug 2024 12:34
 Operator : RC/JU
 Sample : P3440-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 923-K1-WS-080124

Quant Time: Aug 07 13:13:52 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	45232	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	183620	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	98316	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	162437	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	84407	20.000	ng	-0.01
86) Perylene-d12	15.457	264	89901	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	186425	63.622	ng	0.00
7) Phenol-d6	6.481	99	150259	38.194	ng	0.00
23) Nitrobenzene-d5	7.404	82	356005	94.791	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	123776	153.694	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	643066	98.275	ng	-0.01
79) Terphenyl-d14	12.939	244	573739	113.805	ng	0.00

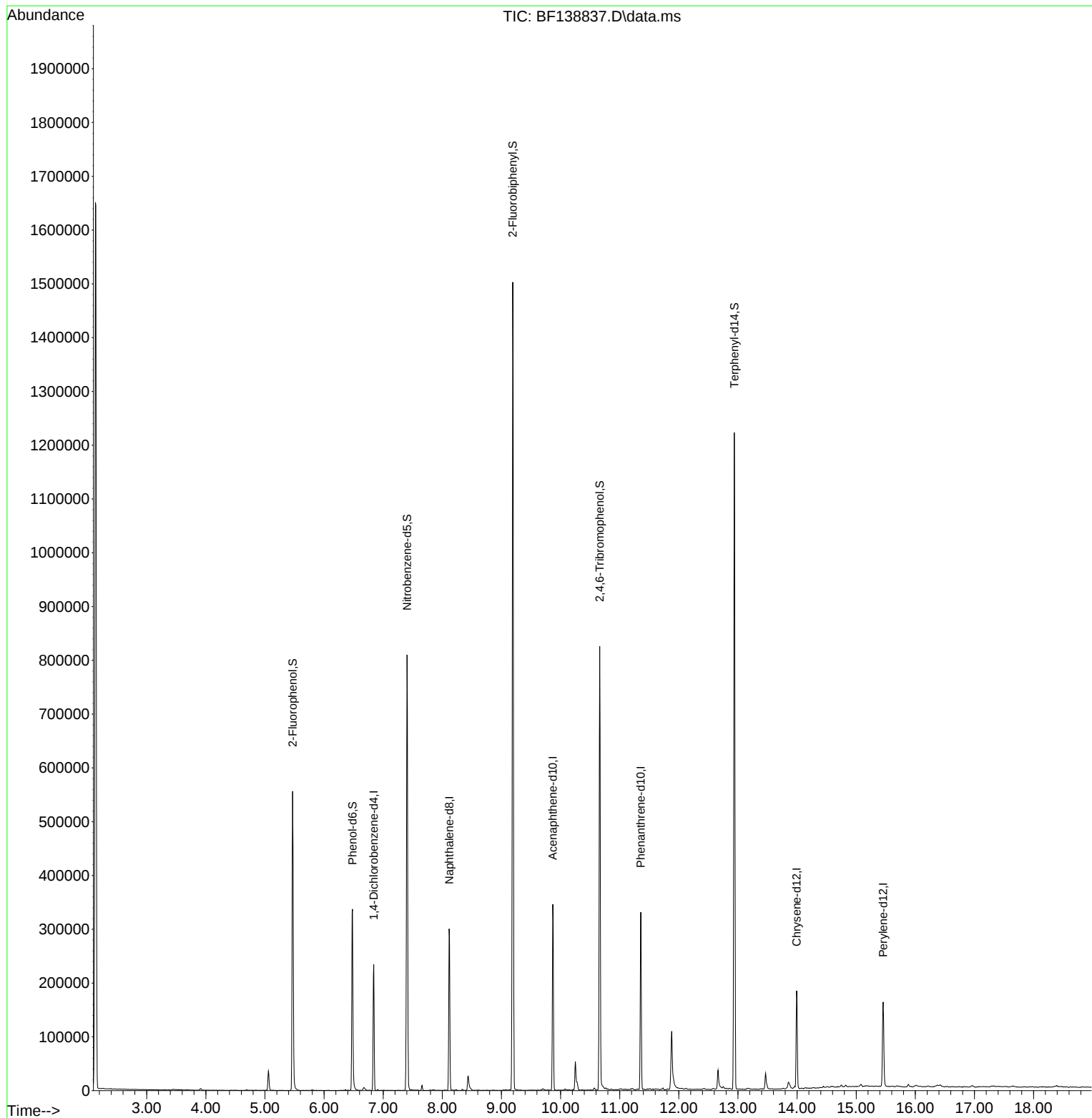
Target Compounds	Qvalue

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

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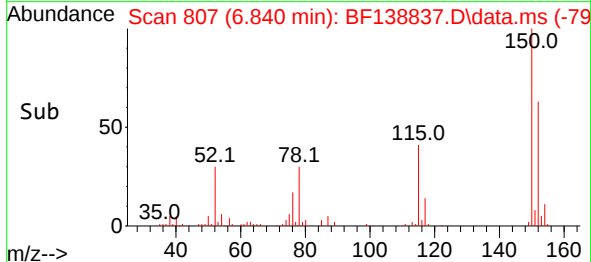
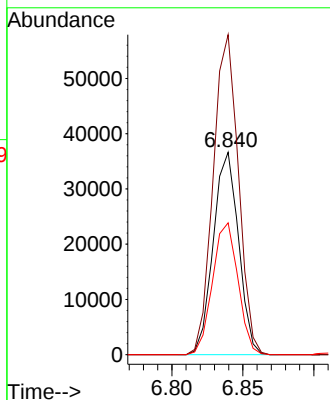
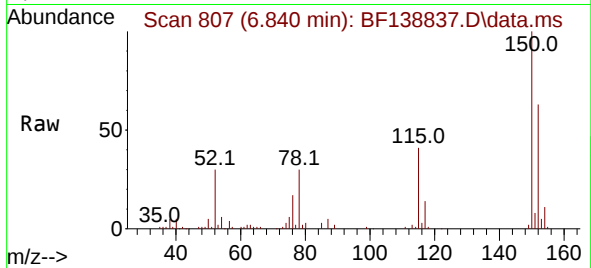




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138837.D
Acq: 07 Aug 2024 12:34

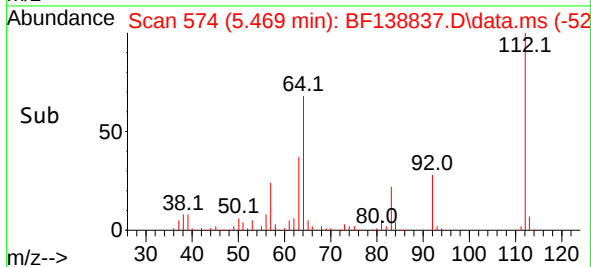
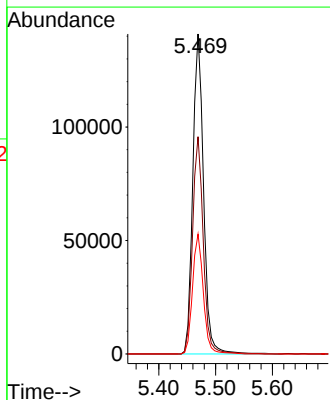
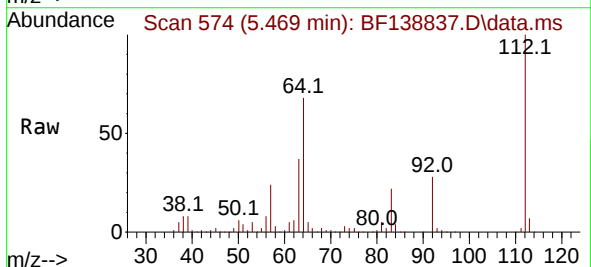
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124

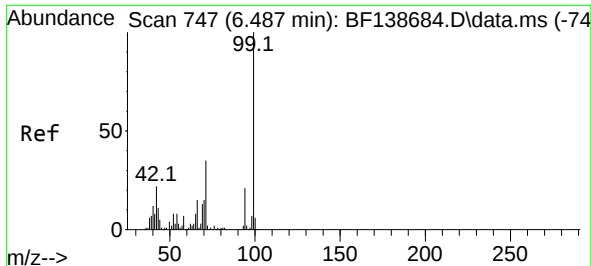
Tgt Ion:152 Resp: 45232
Ion Ratio Lower Upper
152 100
150 158.0 126.0 189.0
115 65.1 51.7 77.5



#5
2-Fluorophenol
Concen: 63.622 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138837.D
Acq: 07 Aug 2024 12:34

Tgt Ion:112 Resp: 186425
Ion Ratio Lower Upper
112 100
64 67.9 54.2 81.4
63 37.5 28.7 43.1





#7

Phenol-d6

Concen: 38.194 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF138837.D

Acq: 07 Aug 2024 12:34

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124

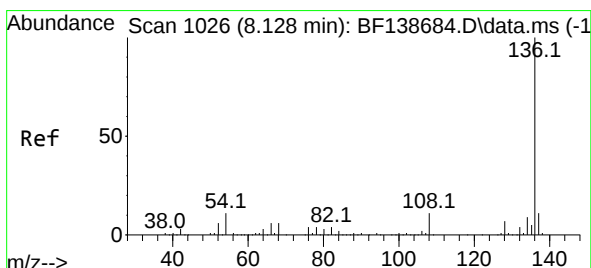
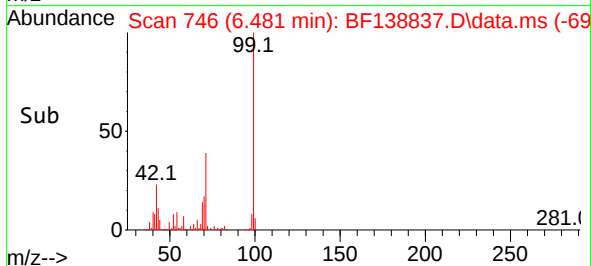
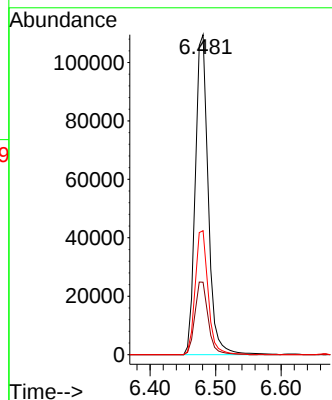
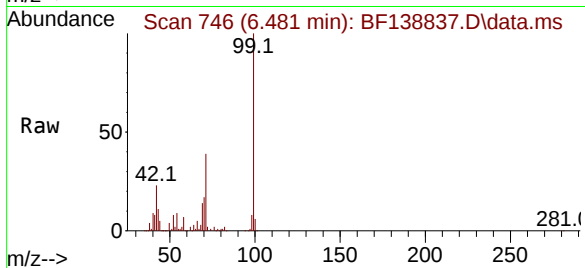
Tgt Ion: 99 Resp: 150259

Ion Ratio Lower Upper

99 100

42 22.6 17.4 26.0

71 38.7 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: BF138837.D

Acq: 07 Aug 2024 12:34

Tgt Ion: 136 Resp: 183620

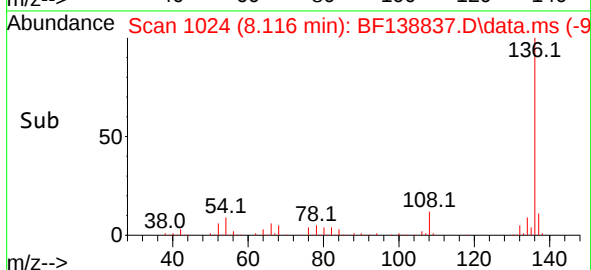
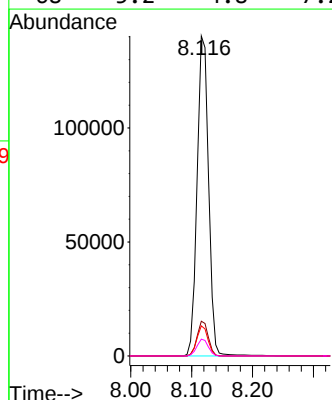
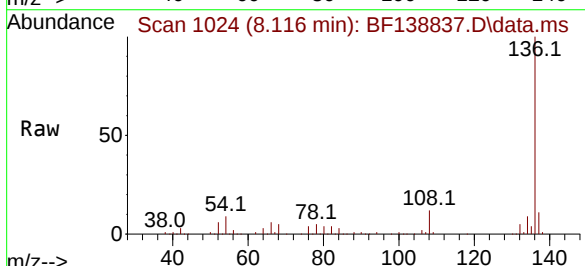
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.4 8.6 12.8

68 5.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 94.791 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138837.D

Acq: 07 Aug 2024 12:34

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124

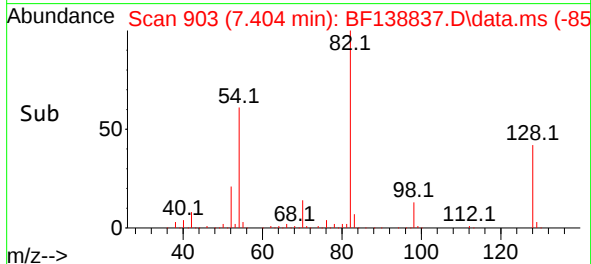
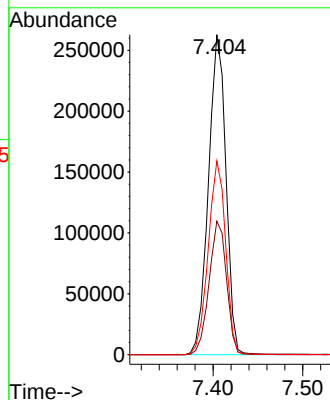
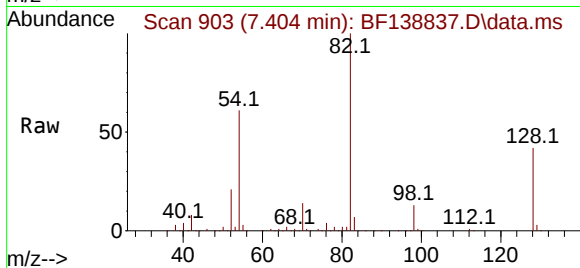
Tgt Ion: 82 Resp: 356005

Ion Ratio Lower Upper

82 100

128 41.7 32.8 49.2

54 60.6 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: BF138837.D

Acq: 07 Aug 2024 12:34

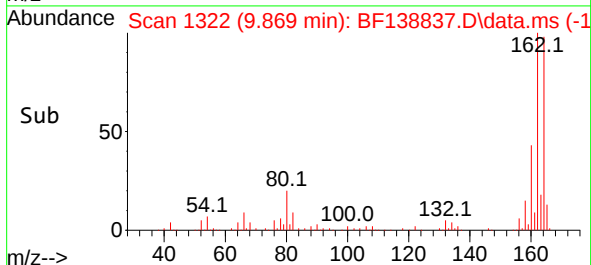
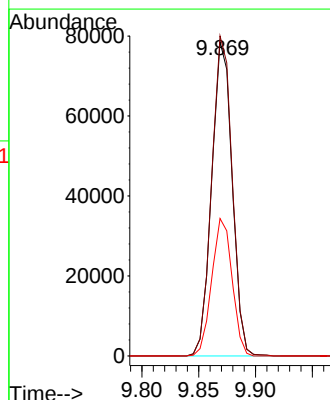
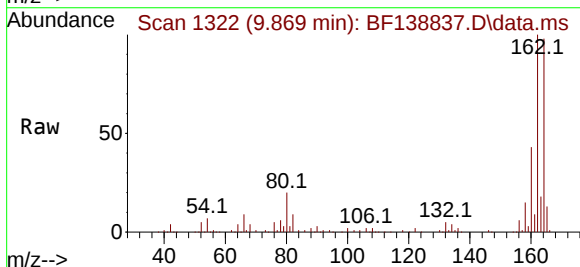
Tgt Ion:164 Resp: 98316

Ion Ratio Lower Upper

164 100

162 101.9 79.4 119.0

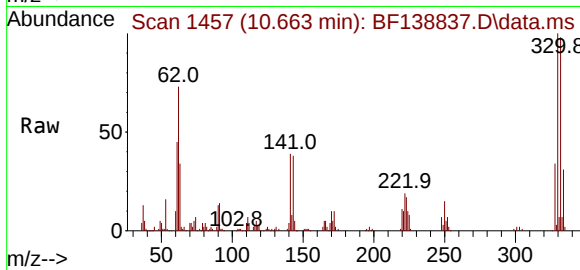
160 43.8 35.1 52.7



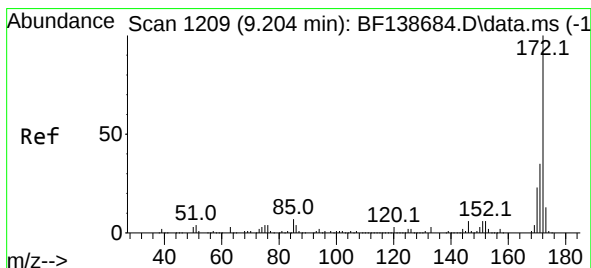
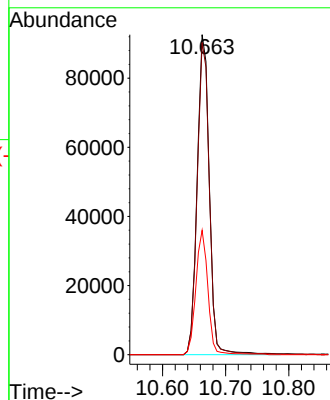
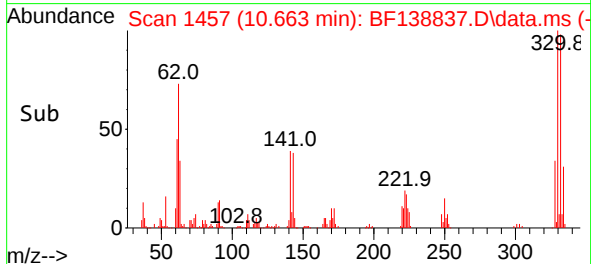


#42
2,4,6-Tribromophenol
Concen: 153.694 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138837.D
Acq: 07 Aug 2024 12:34

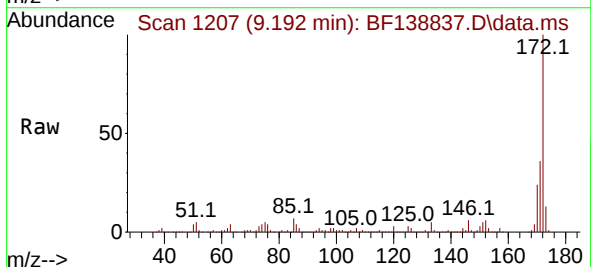
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124



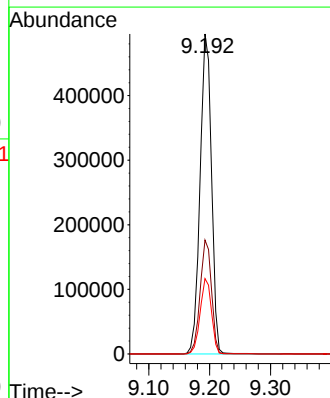
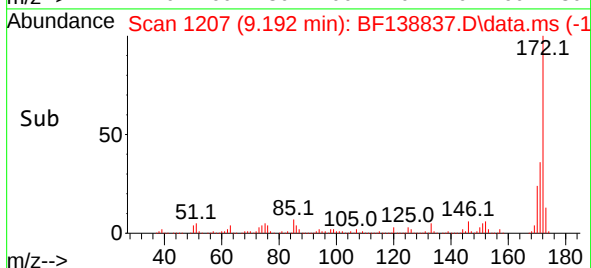
Tgt Ion: 330 Resp: 123776
Ion Ratio Lower Upper
330 100
332 96.9 76.4 114.6
141 38.5 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 98.275 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138837.D
Acq: 07 Aug 2024 12:34



Tgt Ion: 172 Resp: 643066
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.5 18.8 28.2

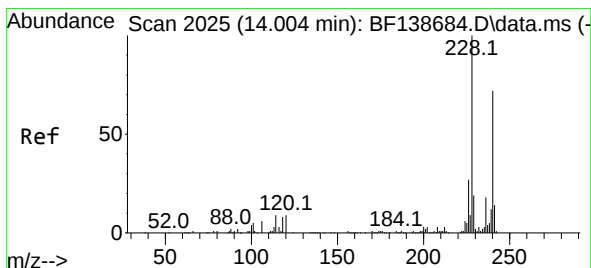
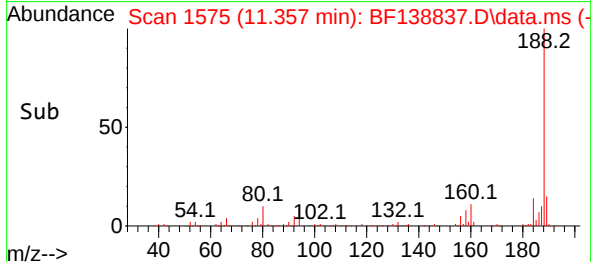
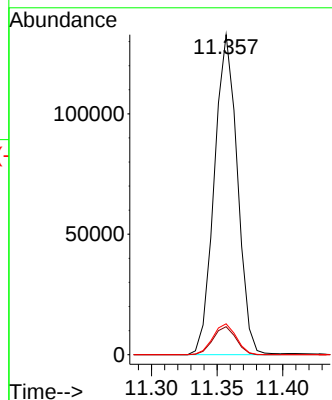
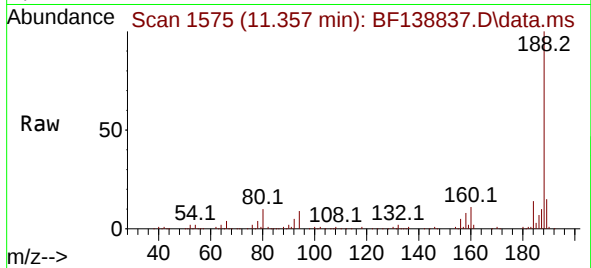




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138837.D
Acq: 07 Aug 2024 12:34

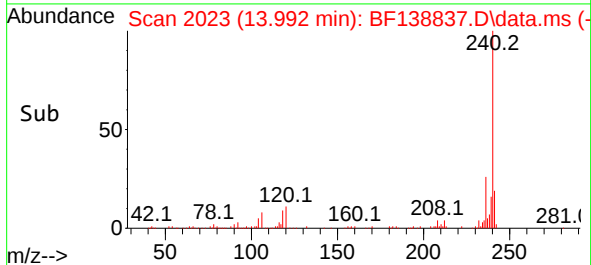
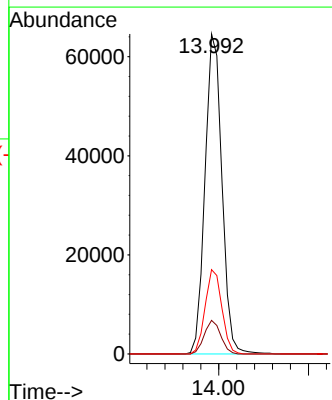
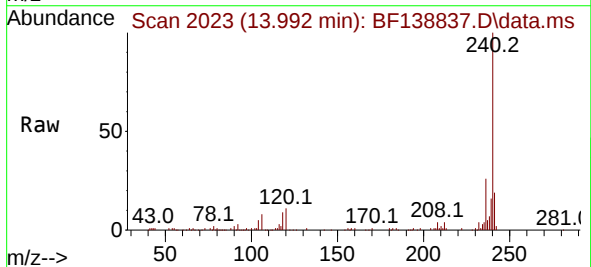
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124

Tgt Ion:188 Resp: 162437
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 9.7 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF138837.D
Acq: 07 Aug 2024 12:34

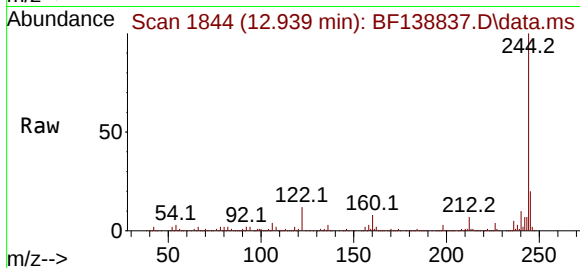
Tgt Ion:240 Resp: 84407
Ion Ratio Lower Upper
240 100
120 10.5 10.2 15.4
236 26.3 19.8 29.8



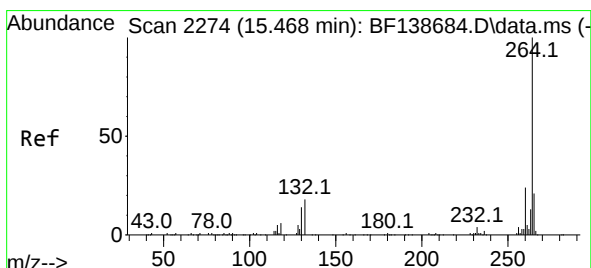
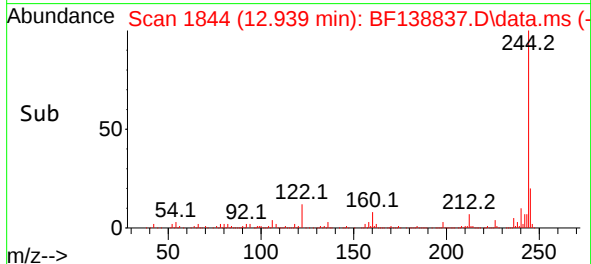
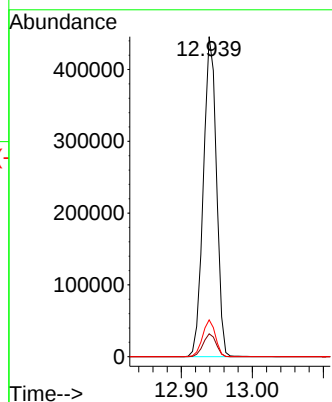


#79
Terphenyl-d14
Concen: 113.805 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138837.D
Acq: 07 Aug 2024 12:34

Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124



Tgt Ion:244 Resp: 573739
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 11.5 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: BF138837.D
Acq: 07 Aug 2024 12:34

Tgt Ion:264 Resp: 89901
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 21.2 17.0 25.6

