

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138841.D
 Acq On : 07 Aug 2024 14:34
 Operator : RC/JU
 Sample : P3450-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 921-J-WP0-0.25-080124

Quant Time: Aug 07 15:15:06 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	6.839	152	40297	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	165568	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	90118	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	145219	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	73846	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	77595	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	143980	55.154	ng	0.00
7) Phenol-d6	6.481	99	112446	32.083	ng	0.00
23) Nitrobenzene-d5	7.404	82	306780	90.590	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	105003	142.244	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	572596	95.466	ng	-0.01
79) Terphenyl-d14	12.939	244	474840	107.658	ng	0.00

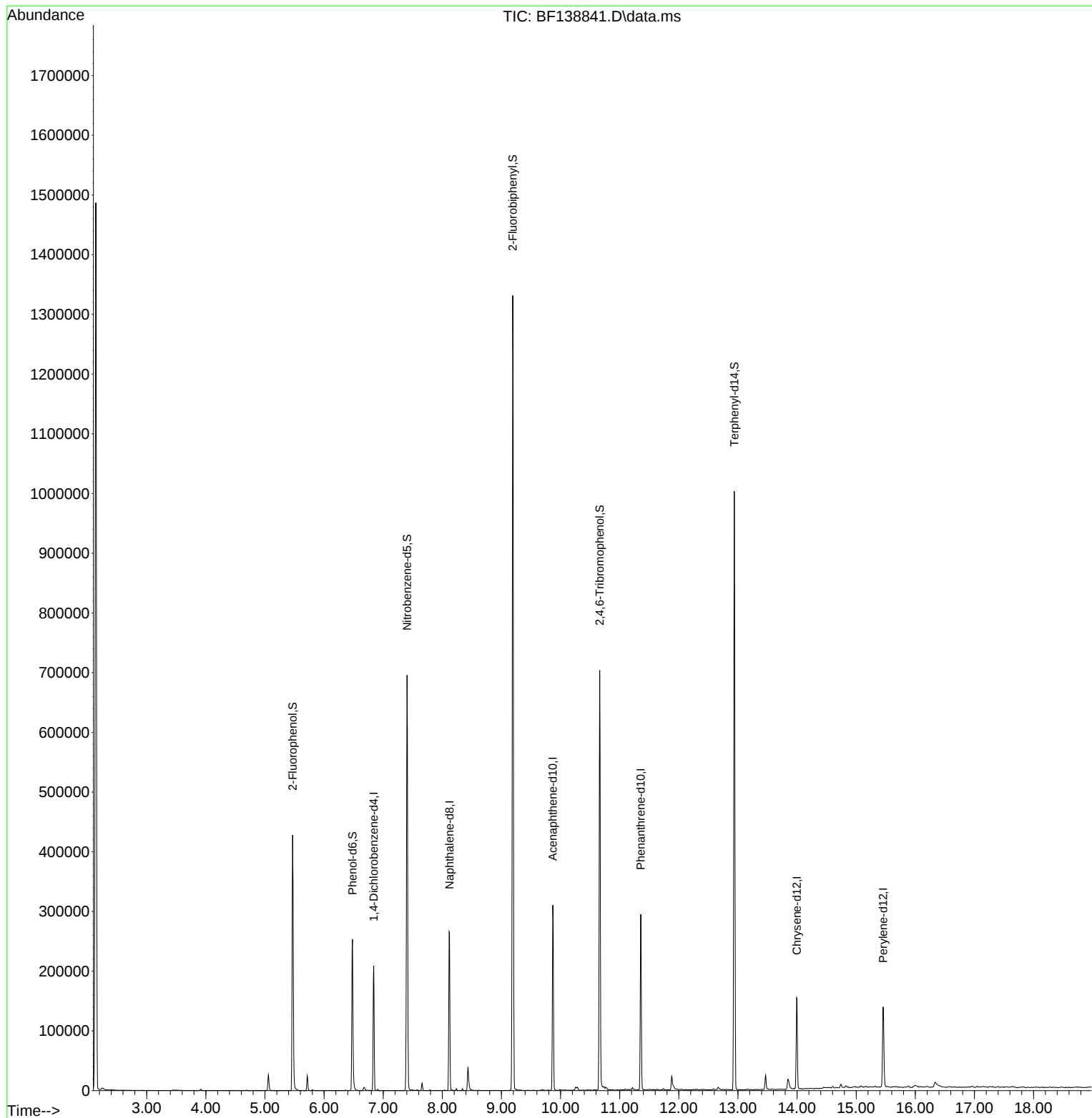
Target Compounds	Qvalue

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

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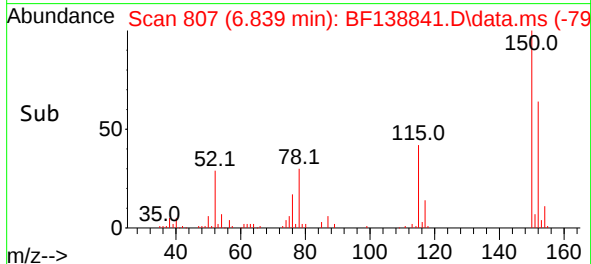
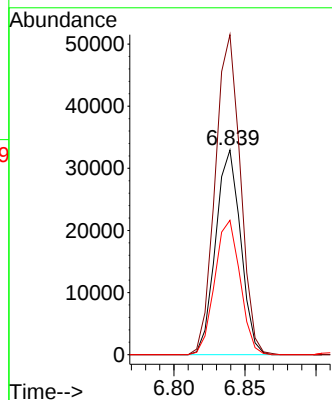
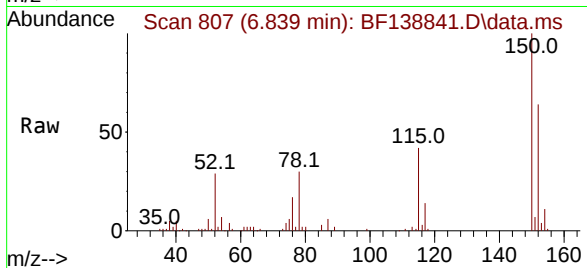




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138841.D
Acq: 07 Aug 2024 14:34

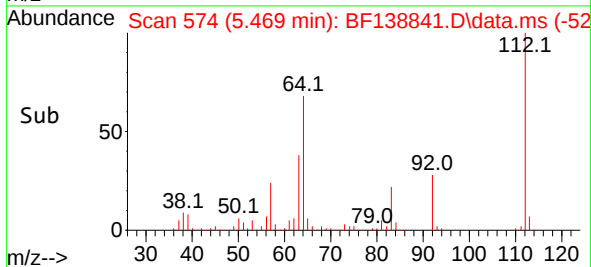
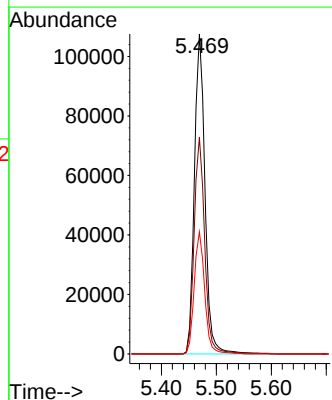
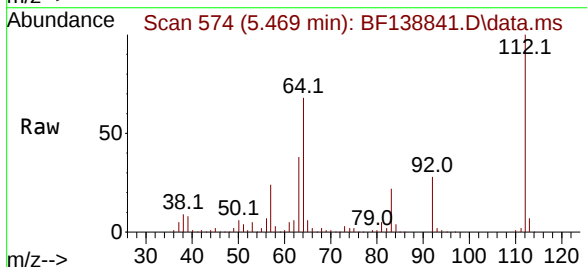
Instrument :
BNA_F
ClientSampleId :
921-J-WP0-0.25-080124

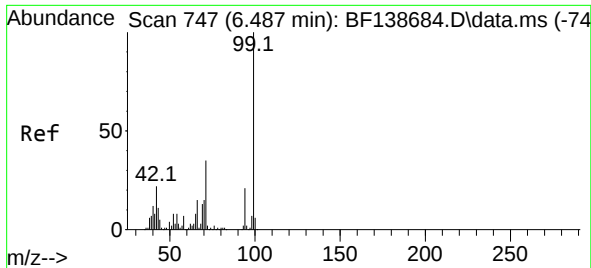
Tgt Ion:152 Resp: 40297
Ion Ratio Lower Upper
152 100
150 156.4 126.0 189.0
115 65.7 51.7 77.5



#5
2-Fluorophenol
Concen: 55.154 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138841.D
Acq: 07 Aug 2024 14:34

Tgt Ion:112 Resp: 143980
Ion Ratio Lower Upper
112 100
64 67.7 54.2 81.4
63 38.1 28.7 43.1





#7

Phenol-d6

Concen: 32.083 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF138841.D

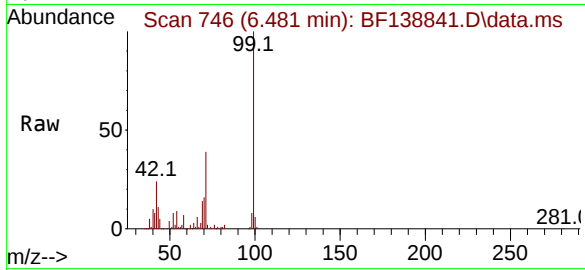
Acq: 07 Aug 2024 14:34

Instrument :

BNA_F

ClientSampleId :

921-J-WP0-0.25-080124



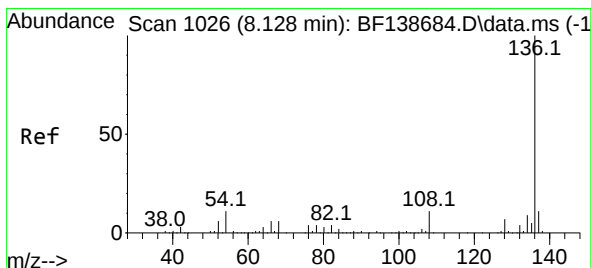
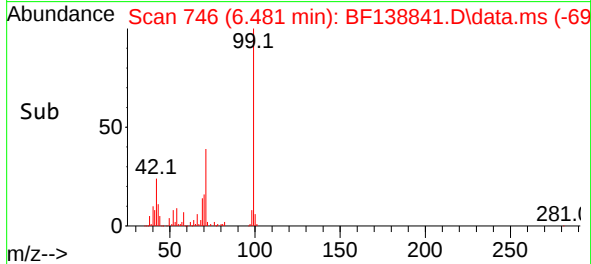
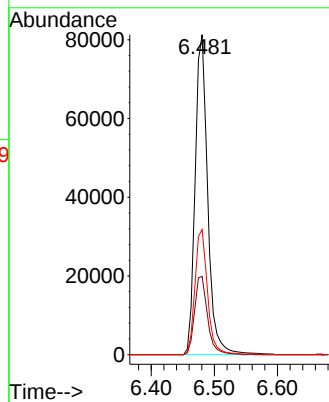
Tgt Ion: 99 Resp: 112446

Ion Ratio Lower Upper

99 100

42 24.5 17.4 26.0

71 39.1 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: BF138841.D

Acq: 07 Aug 2024 14:34

Tgt Ion: 136 Resp: 165568

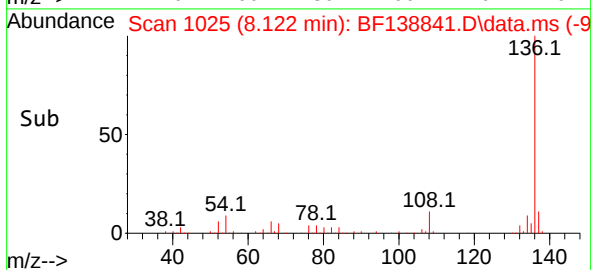
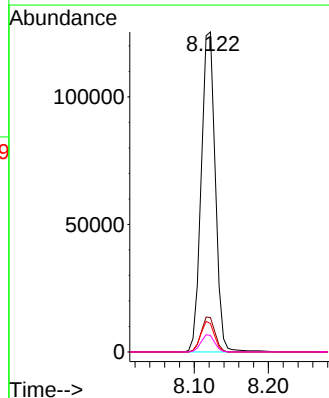
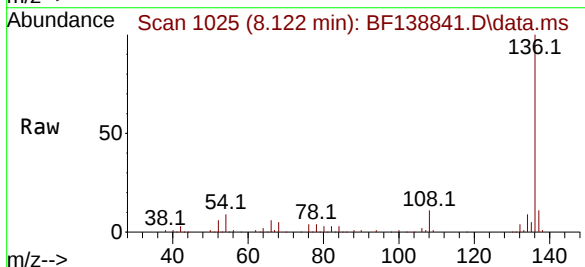
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.9 8.6 12.8

68 5.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 90.590 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138841.D

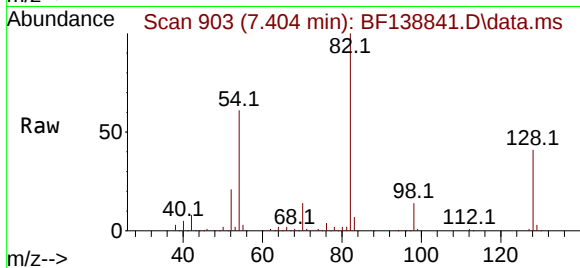
Acq: 07 Aug 2024 14:34

Instrument :

BNA_F

ClientSampleId :

921-J-WP0-0.25-080124



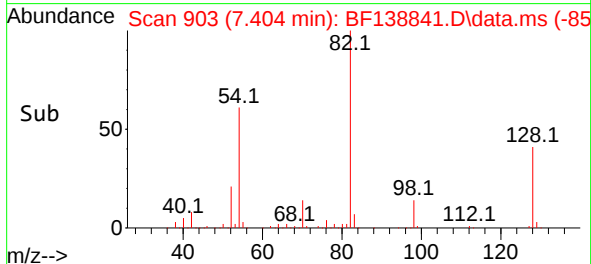
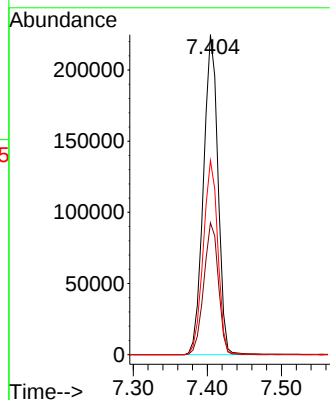
Tgt Ion: 82 Resp: 306780

Ion Ratio Lower Upper

82 100

128 41.2 32.8 49.2

54 60.7 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: BF138841.D

Acq: 07 Aug 2024 14:34

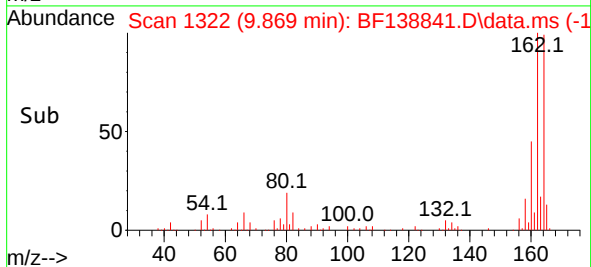
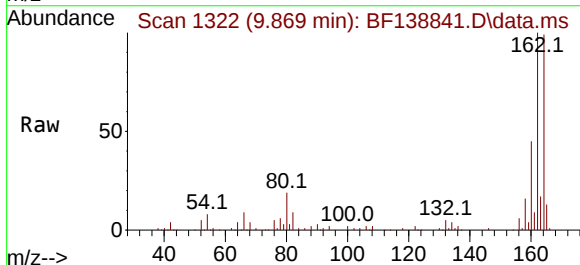
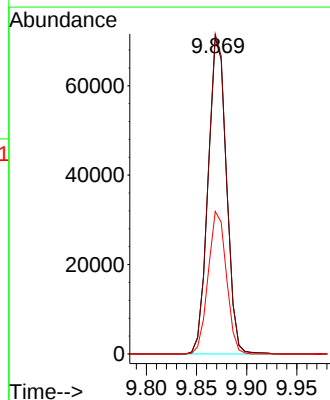
Tgt Ion: 164 Resp: 90118

Ion Ratio Lower Upper

164 100

162 101.1 79.4 119.0

160 45.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 142.244 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138841.D

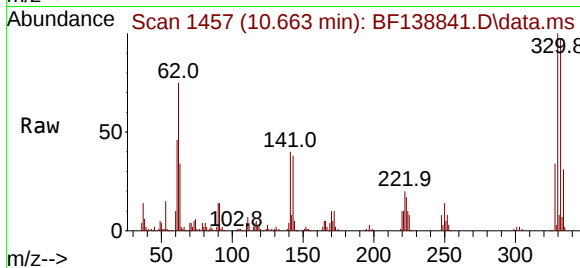
Acq: 07 Aug 2024 14:34

Instrument :

BNA_F

ClientSampleId :

921-J-WP0-0.25-080124



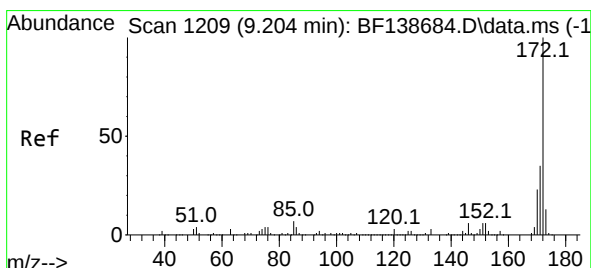
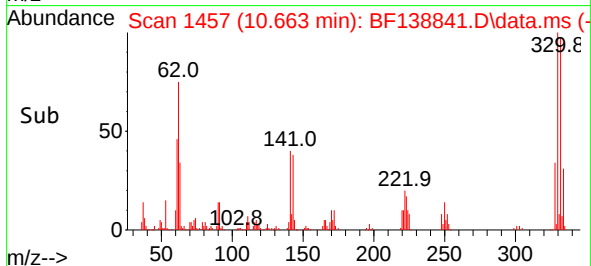
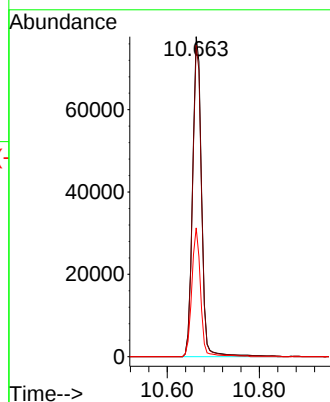
Tgt Ion:330 Resp: 105003

Ion Ratio Lower Upper

330 100

332 96.1 76.4 114.6

141 39.4 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 95.466 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138841.D

Acq: 07 Aug 2024 14:34

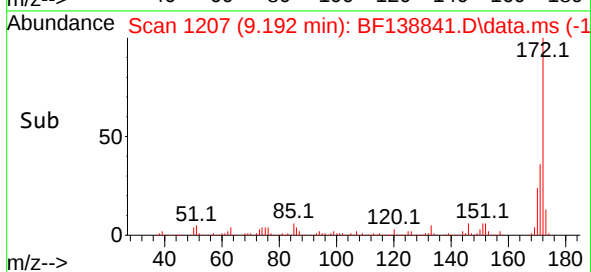
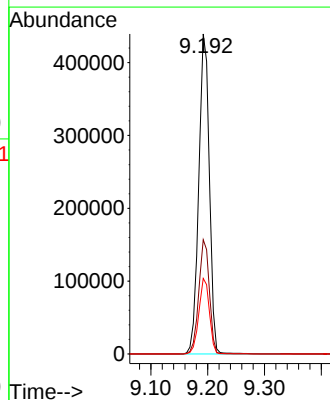
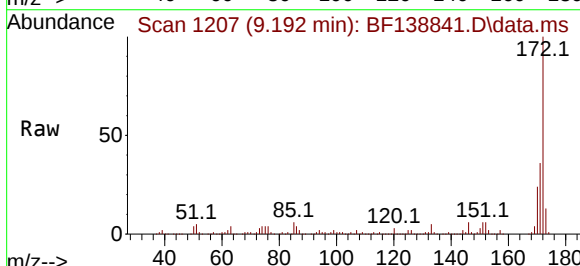
Tgt Ion:172 Resp: 572596

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.6 18.8 28.2

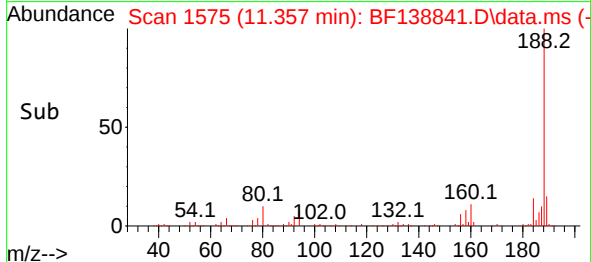
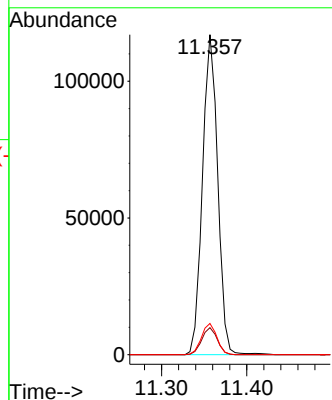
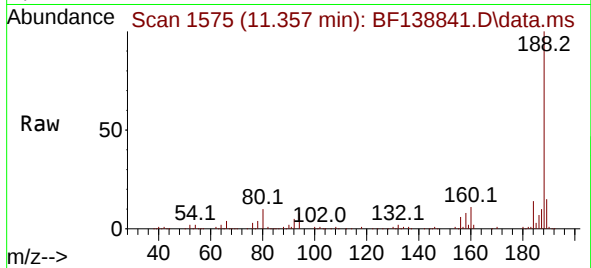




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138841.D
Acq: 07 Aug 2024 14:34

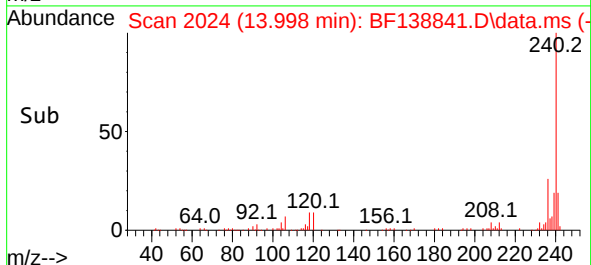
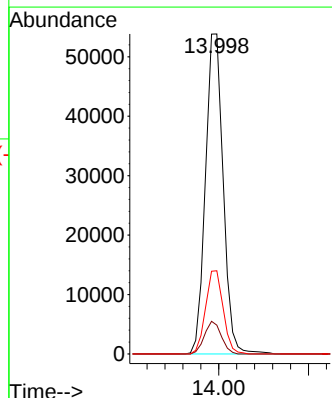
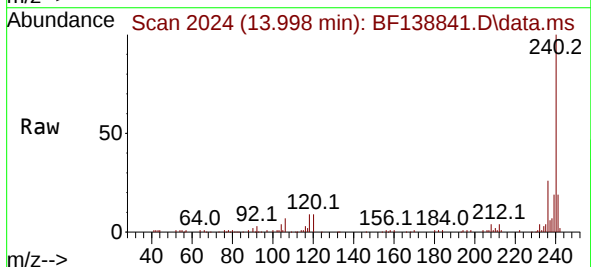
Instrument :
BNA_F
ClientSampleId :
921-J-WP0-0.25-080124

Tgt Ion:188 Resp: 145219
Ion Ratio Lower Upper
188 100
94 8.5 7.6 11.4
80 9.8 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: BF138841.D
Acq: 07 Aug 2024 14:34

Tgt Ion:240 Resp: 73846
Ion Ratio Lower Upper
240 100
120 9.0 10.2 15.4#
236 26.0 19.8 29.8

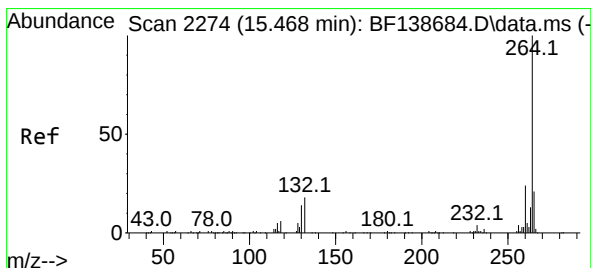
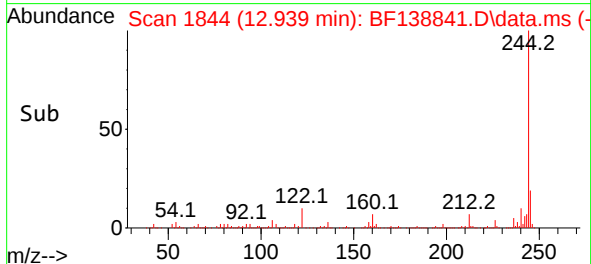
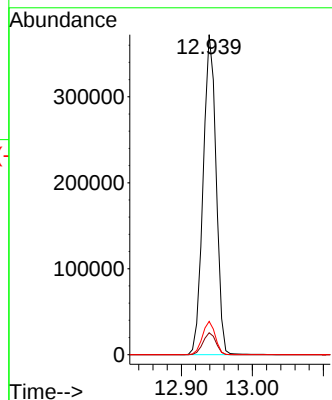
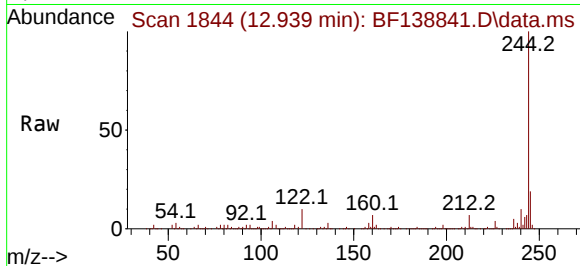




#79
 Terphenyl-d14
 Concen: 107.658 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138841.D
 Acq: 07 Aug 2024 14:34

Instrument :
 BNA_F
 ClientSampleId :
 921-J-WP0-0.25-080124

Tgt Ion:244	Resp:	474840
Ion Ratio	Lower	Upper
244	100	
212	6.9	5.4 8.2
122	10.4	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: BF138841.D
 Acq: 07 Aug 2024 14:34

Tgt Ion:264	Resp:	77595
Ion Ratio	Lower	Upper
264	100	
260	24.0	19.0 28.6
265	21.7	17.0 25.6

