

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138847.D
 Acq On : 07 Aug 2024 17:36
 Operator : RC/JU
 Sample : P3429-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 926-K1-WS-073124

Quant Time: Aug 07 18:21:07 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	42757	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	180039	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	99192	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	163767	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	80836	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	84652	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	181343	65.470	ng	0.00
7) Phenol-d6	6.481	99	145945	39.245	ng	0.00
23) Nitrobenzene-d5	7.404	82	343231	93.208	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	119492	147.064	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	634862	96.165	ng	-0.01
79) Terphenyl-d14	12.939	244	523175	108.360	ng	0.00

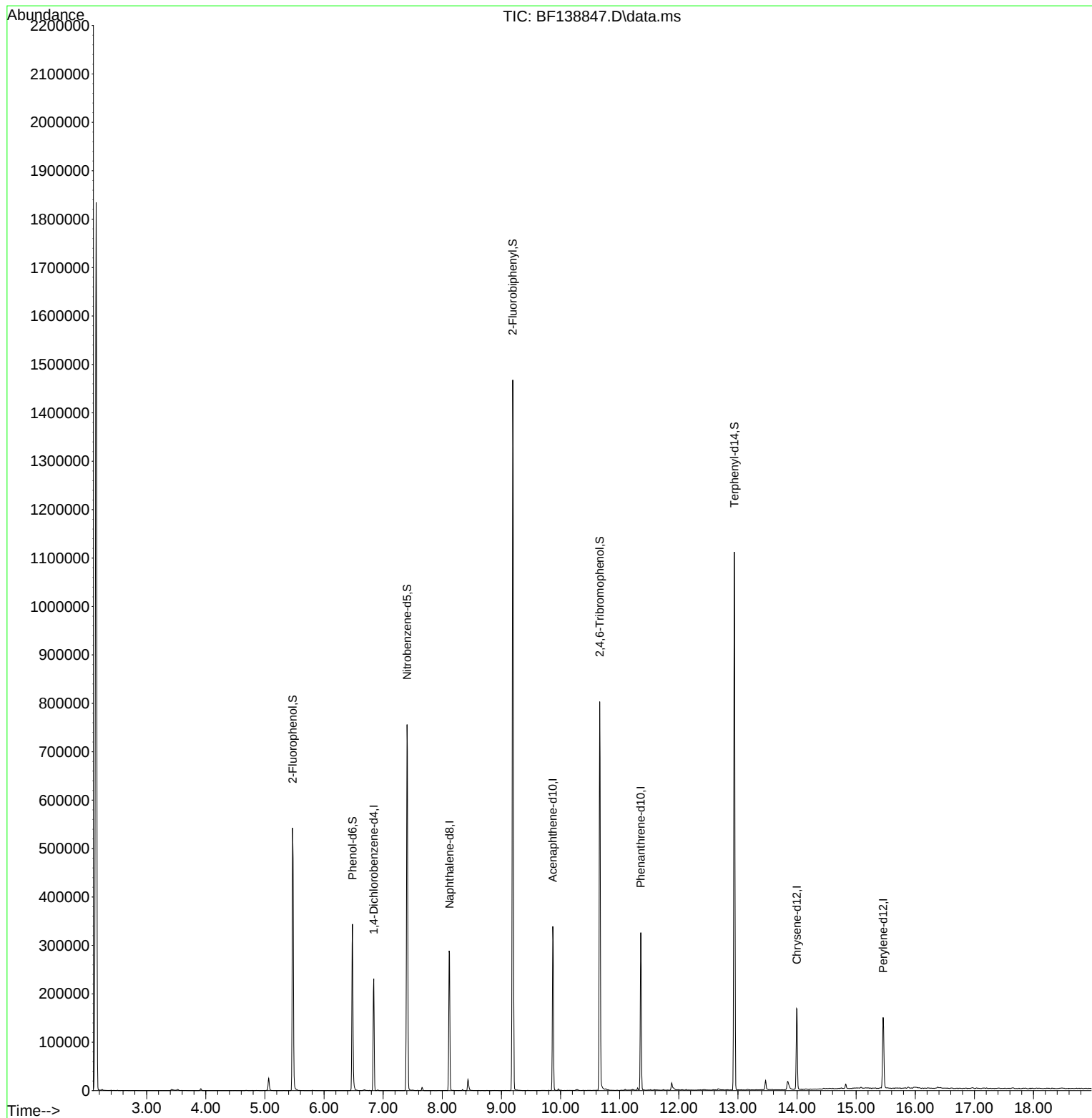
Target Compounds	Qvalue

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

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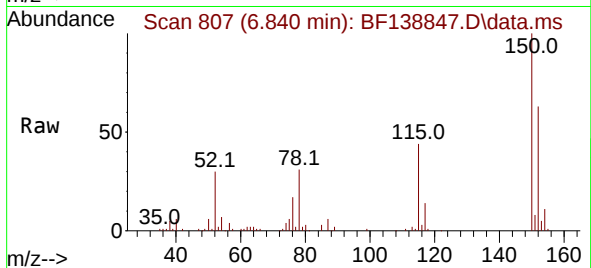
Quant Time: Aug 07 18:21:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
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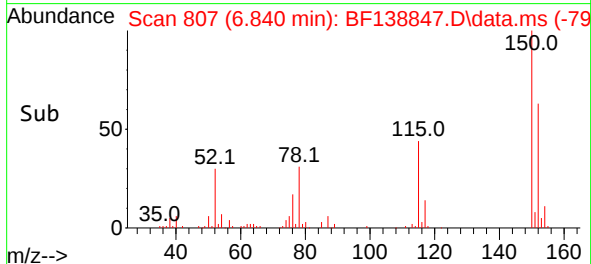
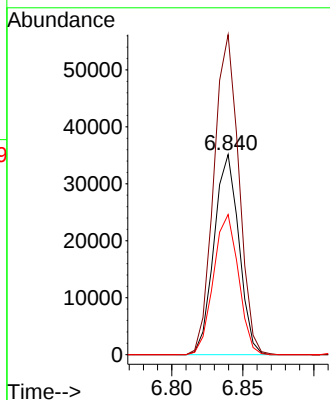


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138847.D
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Instrument :
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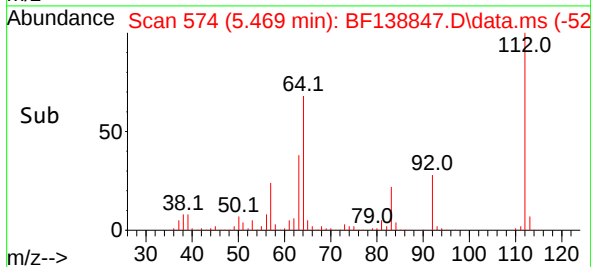
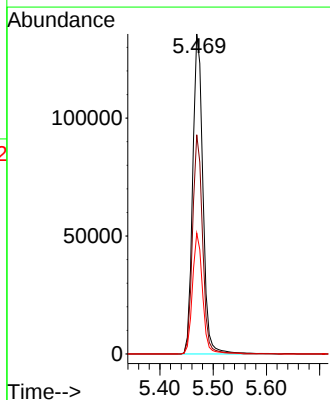
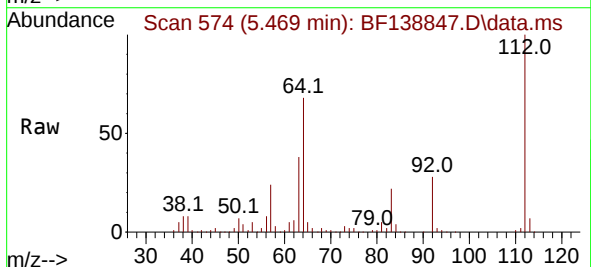


Tgt Ion:152 Resp: 42757
Ion Ratio Lower Upper
152 100
150 159.9 126.0 189.0
115 70.0 51.7 77.5



#5
2-Fluorophenol
Concen: 65.470 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138847.D
Acq: 07 Aug 2024 17:36

Tgt Ion:112 Resp: 181343
Ion Ratio Lower Upper
112 100
64 68.5 54.2 81.4
63 37.8 28.7 43.1





#7

Phenol-d6

Concen: 39.245 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF138847.D

Acq: 07 Aug 2024 17:36

Instrument :

BNA_F

ClientSampleId :

926-K1-WS-073124

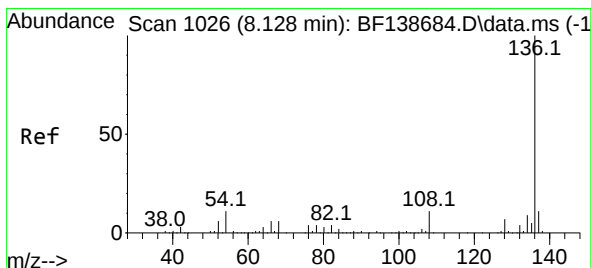
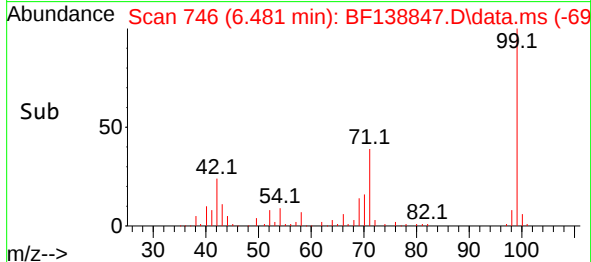
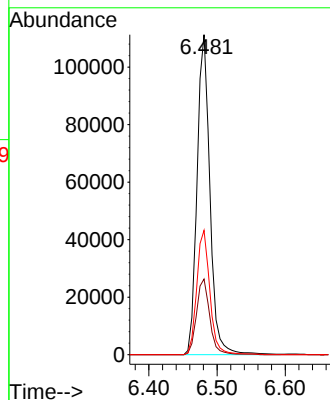
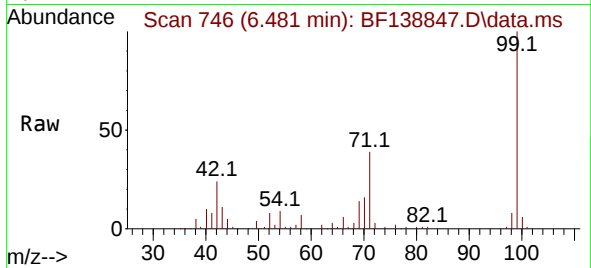
Tgt Ion: 99 Resp: 145945

Ion Ratio Lower Upper

99 100

42 23.6 17.4 26.0

71 38.9 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: BF138847.D

Acq: 07 Aug 2024 17:36

Tgt Ion: 136 Resp: 180039

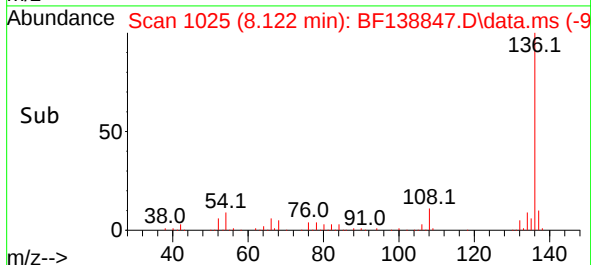
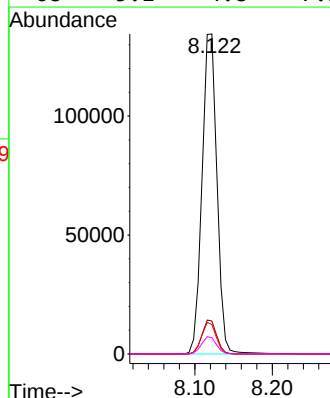
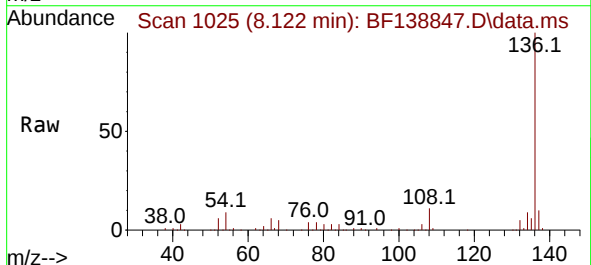
Ion Ratio Lower Upper

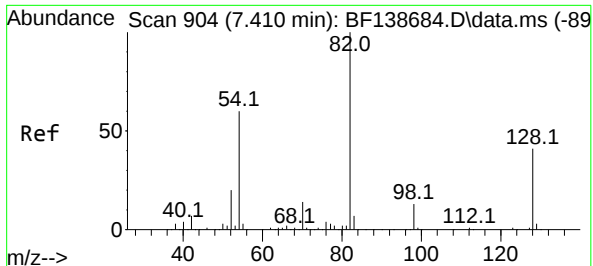
136 100

137 10.3 8.9 13.3

54 9.2 8.6 12.8

68 5.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 93.208 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138847.D

Acq: 07 Aug 2024 17:36

Instrument :

BNA_F

ClientSampleId :

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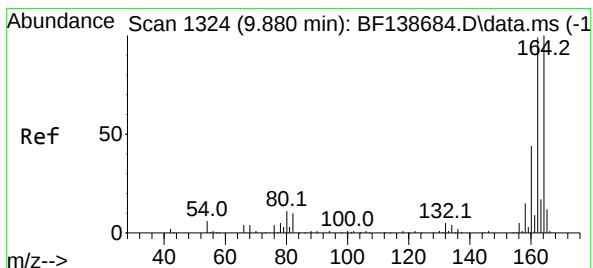
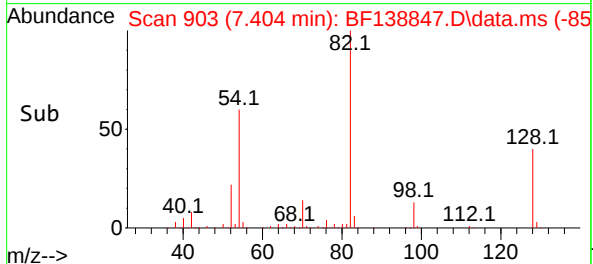
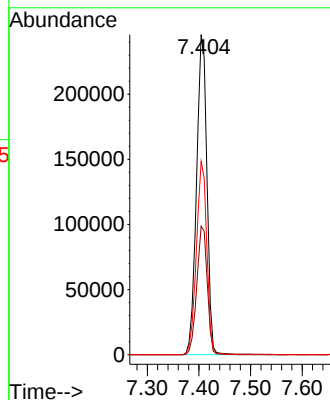
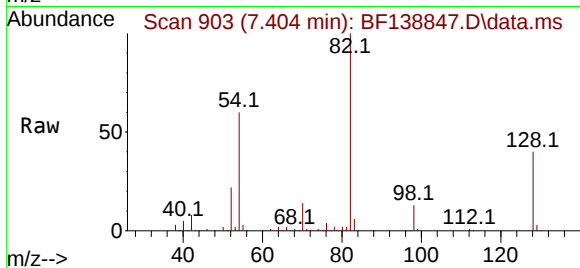
Tgt Ion: 82 Resp: 343231

Ion Ratio Lower Upper

82 100

128 40.1 32.8 49.2

54 60.4 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: BF138847.D

Acq: 07 Aug 2024 17:36

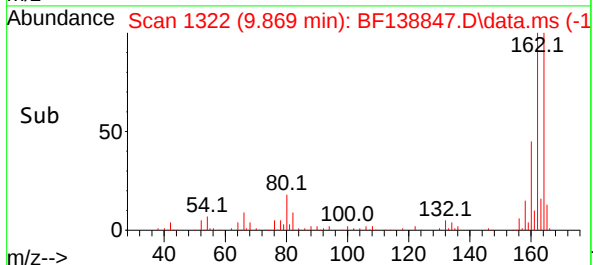
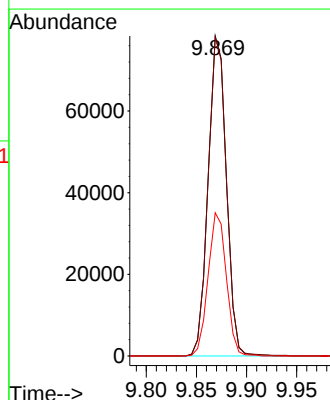
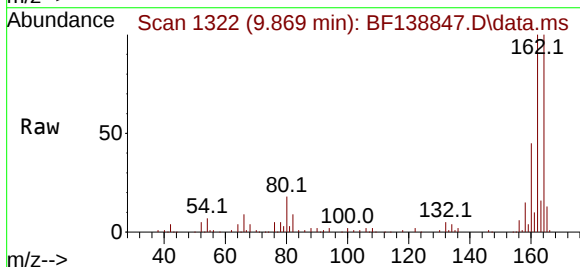
Tgt Ion:164 Resp: 99192

Ion Ratio Lower Upper

164 100

162 99.7 79.4 119.0

160 44.8 35.1 52.7

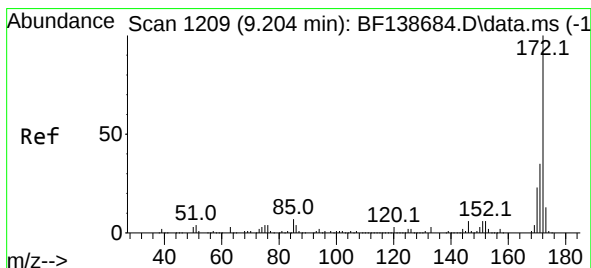
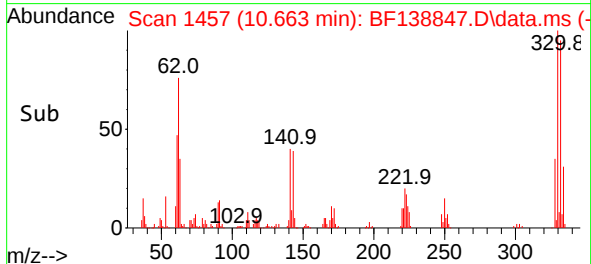
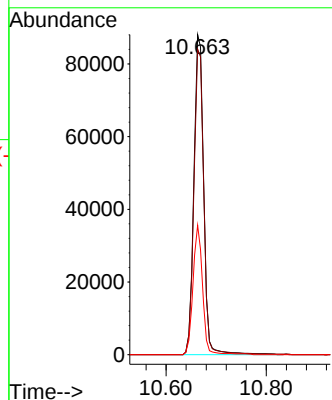
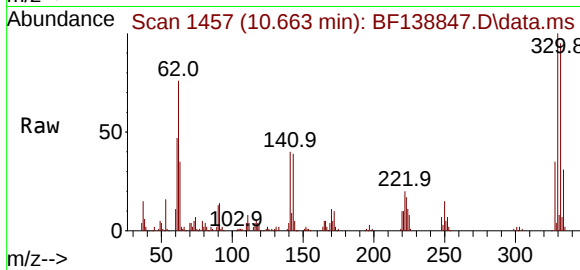




#42
2,4,6-Tribromophenol
Concen: 147.064 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138847.D
Acq: 07 Aug 2024 17:36

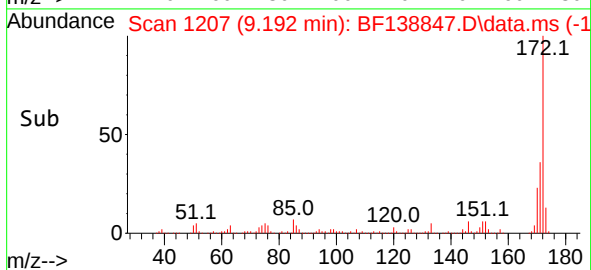
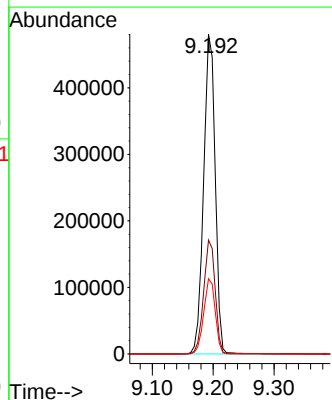
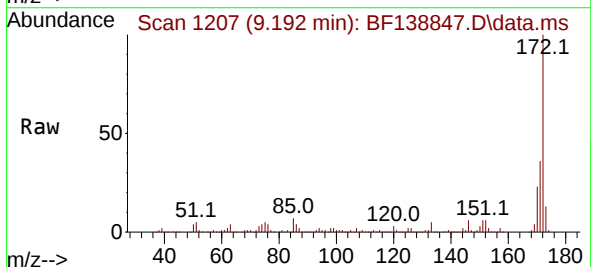
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Tgt Ion:330 Resp: 119492
Ion Ratio Lower Upper
330 100
332 96.3 76.4 114.6
141 39.5 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 96.165 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138847.D
Acq: 07 Aug 2024 17:36

Tgt Ion:172 Resp: 634862
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.5 18.8 28.2

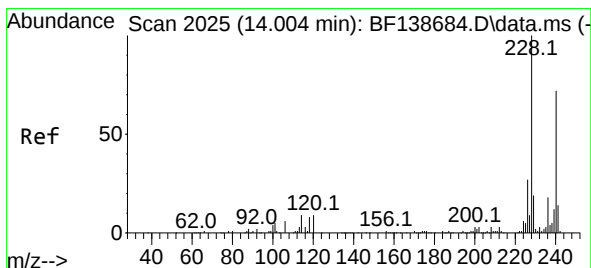
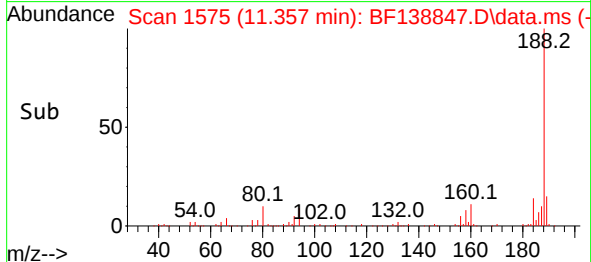
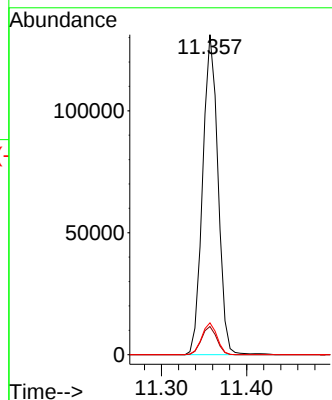
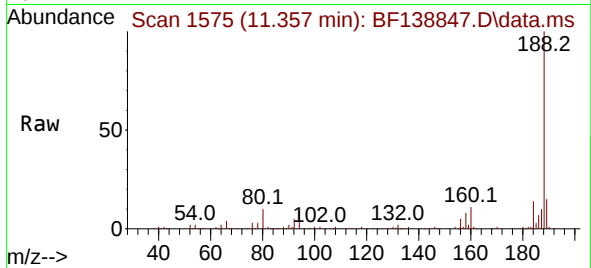




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138847.D
Acq: 07 Aug 2024 17:36

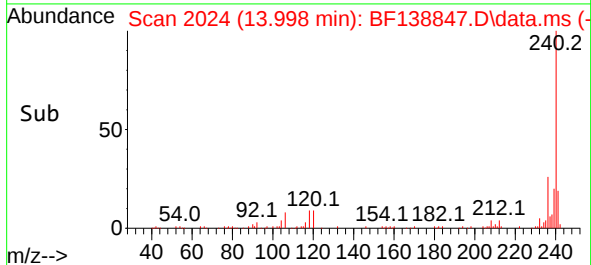
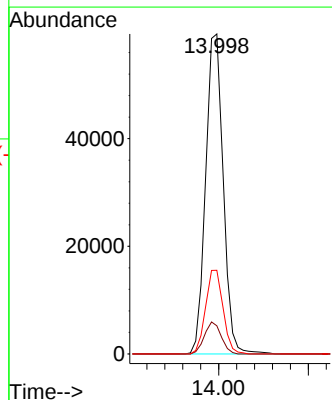
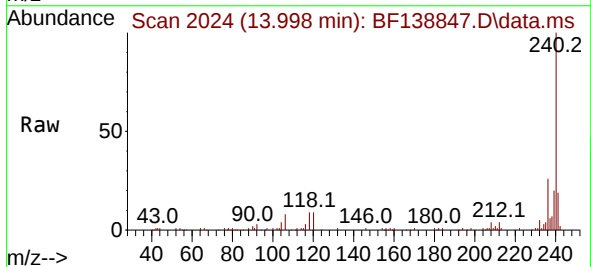
Instrument :
BNA_F
ClientSampleId :
926-K1-WS-073124

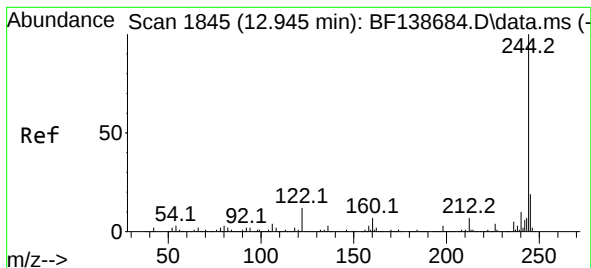
Tgt Ion:188 Resp: 163767
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 9.9 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138847.D
Acq: 07 Aug 2024 17:36

Tgt Ion:240 Resp: 80836
Ion Ratio Lower Upper
240 100
120 8.8 10.2 15.4#
236 26.2 19.8 29.8





#79

Terphenyl-d14

Concen: 108.360 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF138847.D

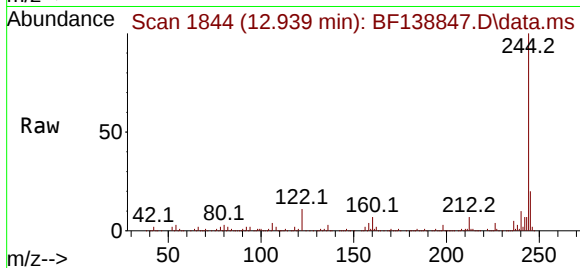
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Instrument :

BNA_F

ClientSampleId :

926-K1-WS-073124



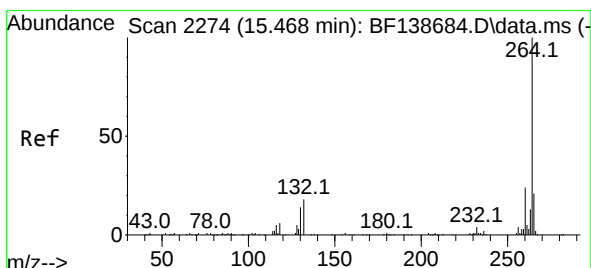
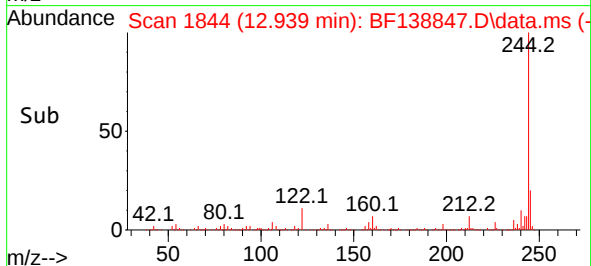
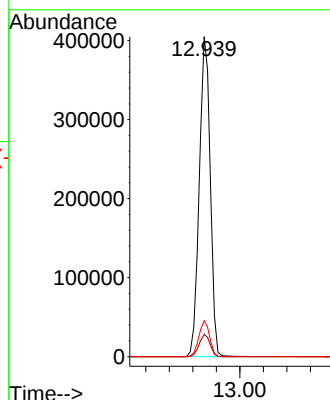
Tgt Ion:244 Resp: 523175

Ion	Ratio	Lower	Upper
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244	100		
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212	7.0	5.4	8.2
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122	11.3	9.6	14.4
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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF138847.D

Acq: 07 Aug 2024 17:36

Tgt Ion:264 Resp: 84652

Ion	Ratio	Lower	Upper
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264	100		
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260	22.5	19.0	28.6
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265	21.8	17.0	25.6
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