

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
 Data File : BF138726.D
 Acq On : 01 Aug 2024 15:57
 Operator : RC/JU
 Sample : P3379-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-03-072324

Quant Time: Aug 01 16:28:12 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)

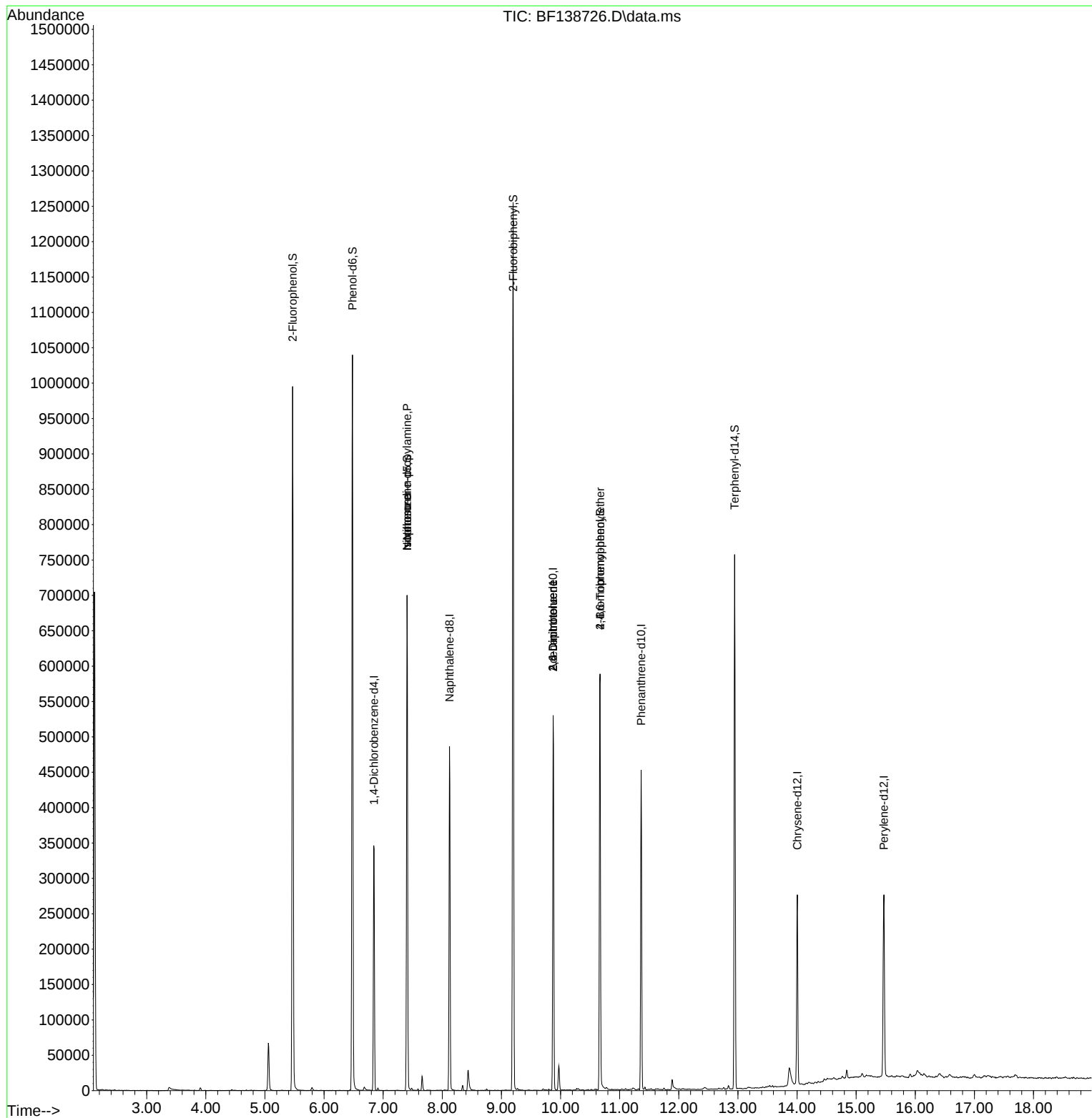
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	70002	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	288831	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	153328	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	223270	20.000	ng	0.00
76) Chrysene-d12	14.004	240	121858	20.000	ng	0.00
86) Perylene-d12	15.469	264	141917	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	328897	72.527	ng	0.00
7) Phenol-d6	6.481	99	451519	74.160	ng	0.00
23) Nitrobenzene-d5	7.404	82	294096	49.783	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	88839	70.734	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	519790	50.935	ng	0.00
79) Terphenyl-d14	12.945	244	345823	47.514	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	39215	10.664	ng	# 77
25) Isophorone	7.404	82	292493	28.996	ng	# 66
51) 2,6-Dinitrotoluene	9.875	165	19123	8.643	ng	# 21
57) 2,4-Dinitrotoluene	9.875	165	19123	6.774	ng	# 18
67) 4-Bromophenyl-phenylether	10.669	248	6289	2.602	ng	# 1

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

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ALS Vial : 14 Sample Multiplier: 1

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BNA_F
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OU4-VSL-03-072324

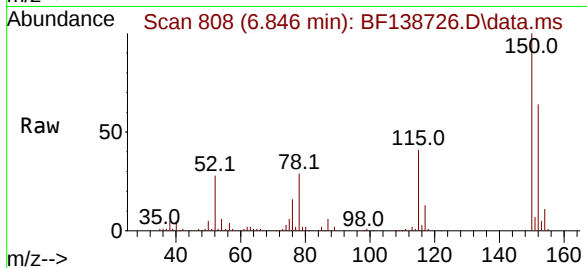
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration



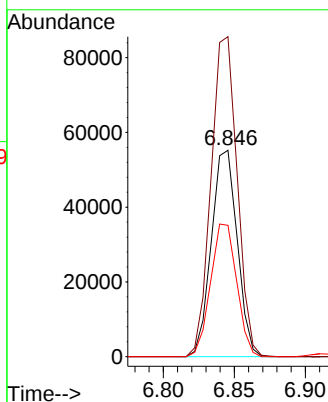
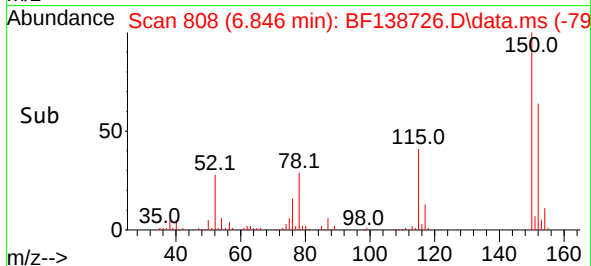


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 808
Delta R.T. 0.001 min
Lab File: BF138726.D
Acq: 01 Aug 2024 15:57

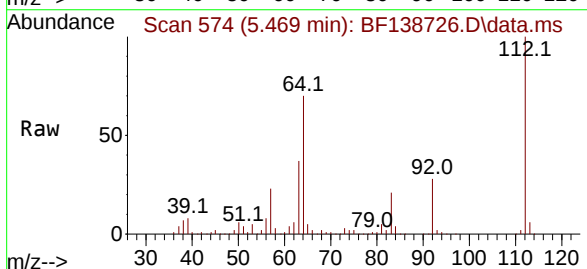
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-03-072324



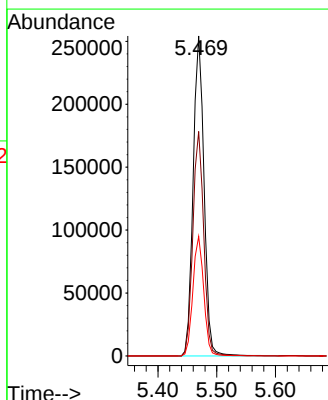
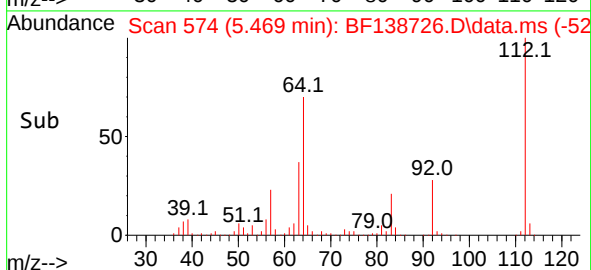
Tgt Ion:152 Resp: 70002
Ion Ratio Lower Upper
152 100
150 155.1 126.0 189.0
115 63.7 51.7 77.5



#5
2-Fluorophenol
Concen: 72.527 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138726.D
Acq: 01 Aug 2024 15:57



Tgt Ion:112 Resp: 328897
Ion Ratio Lower Upper
112 100
64 70.2 54.2 81.4
63 37.4 28.7 43.1

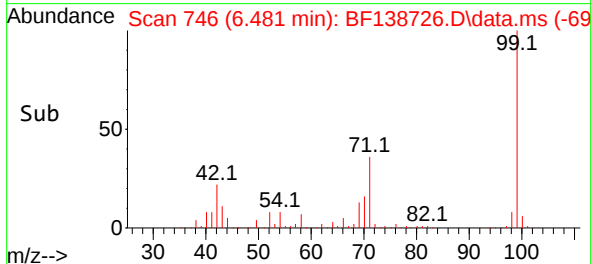
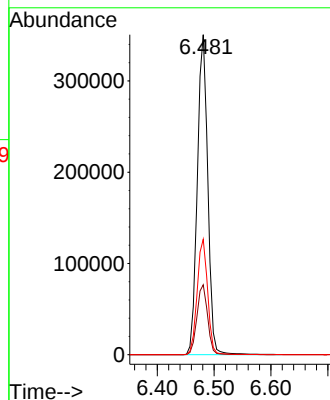
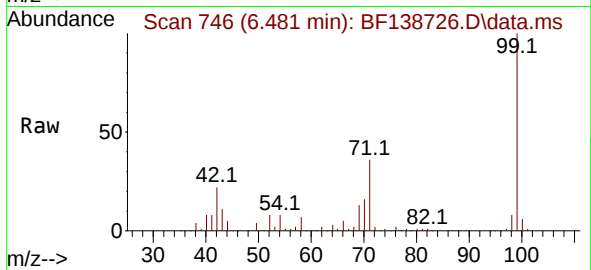




#7
Phenol-d6
Concen: 74.160 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138726.D
Acq: 01 Aug 2024 15:57

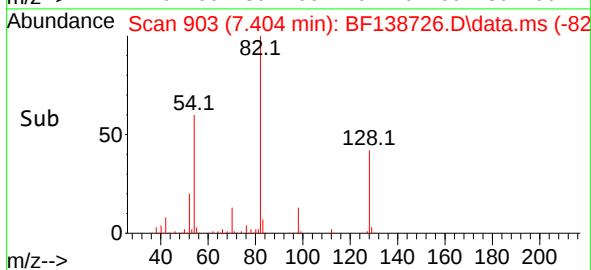
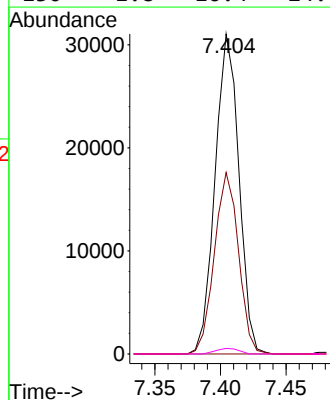
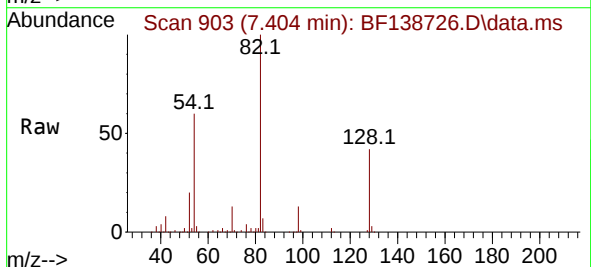
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-03-072324

Tgt Ion: 99 Resp: 451519
Ion Ratio Lower Upper
99 100
42 21.9 17.4 26.0
71 36.1 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 10.664 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138726.D
Acq: 01 Aug 2024 15:57

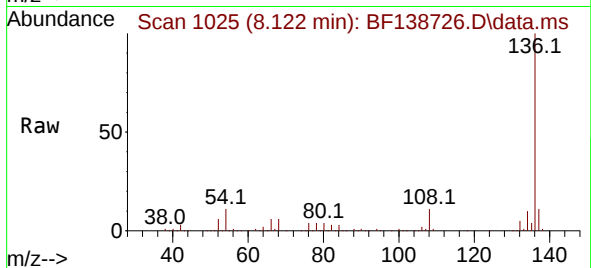
Tgt Ion: 70 Resp: 39215
Ion Ratio Lower Upper
70 100
42 56.7 57.4 86.0#
101 0.0 7.5 11.3#
130 1.8 16.4 24.6#



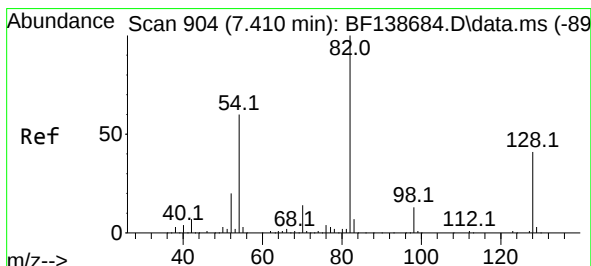
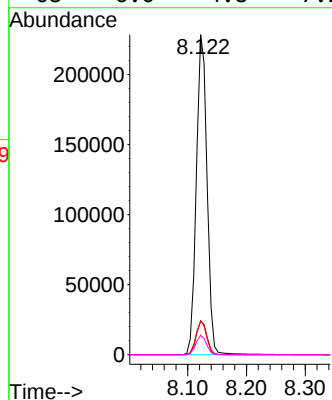
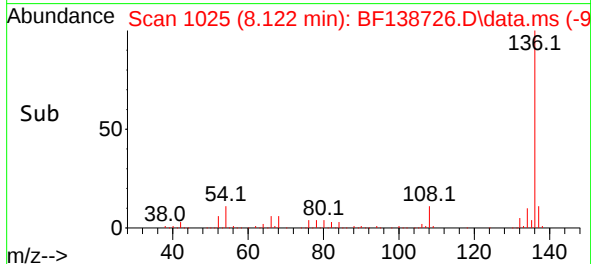


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138726.D
Acq: 01 Aug 2024 15:57

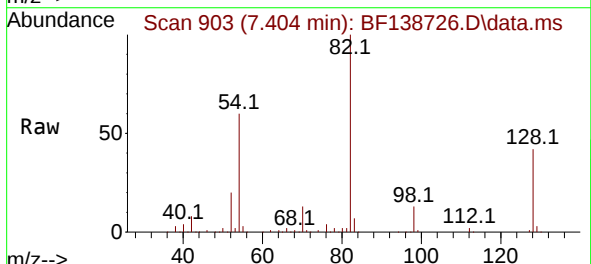
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-03-072324



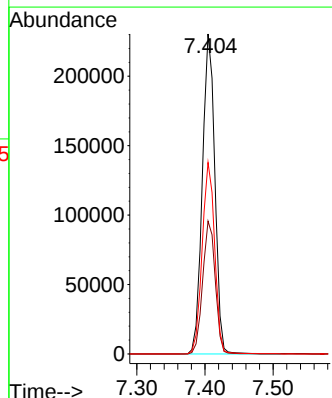
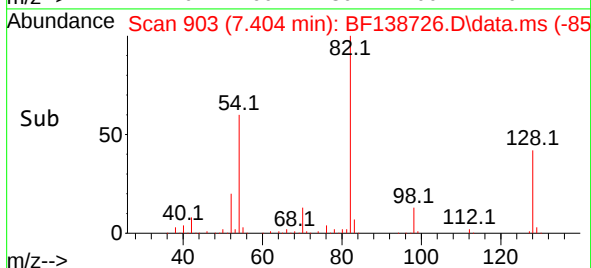
Tgt Ion:136 Resp: 288831
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 10.6 8.6 12.8
68 6.0 4.8 7.2



#23
Nitrobenzene-d5
Concen: 49.783 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138726.D
Acq: 01 Aug 2024 15:57



Tgt Ion: 82 Resp: 294096
Ion Ratio Lower Upper
82 100
128 41.5 32.8 49.2
54 59.9 48.3 72.5

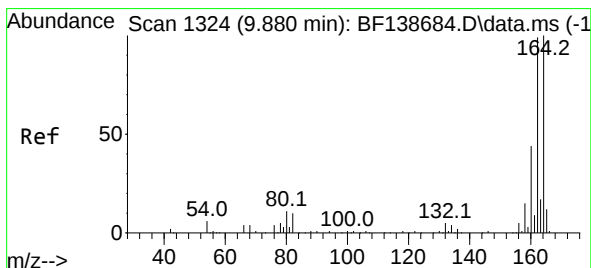
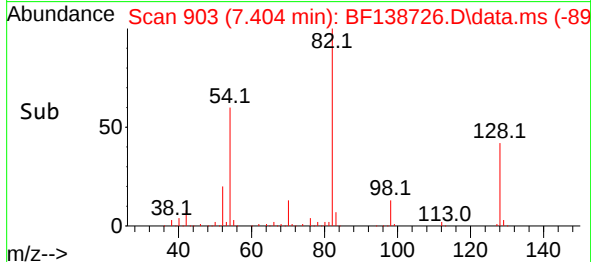
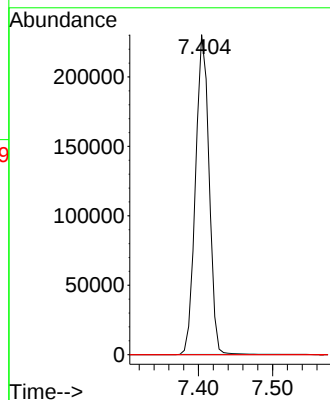
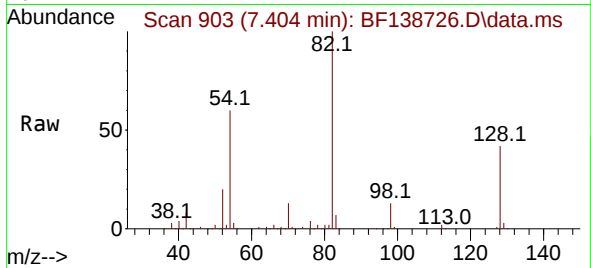




#25
Isophorone
Concen: 28.996 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138726.D
Acq: 01 Aug 2024 15:57

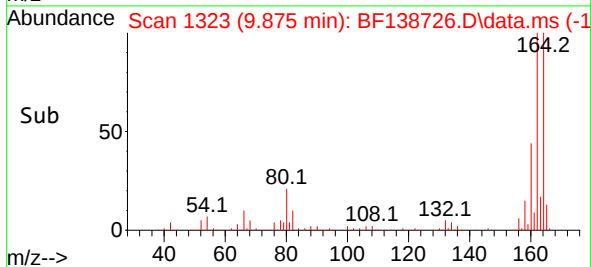
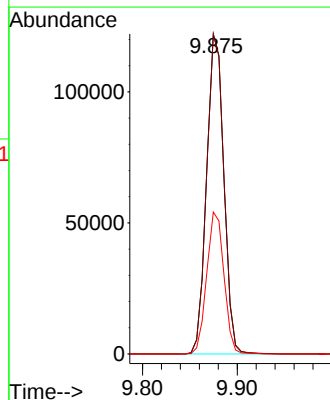
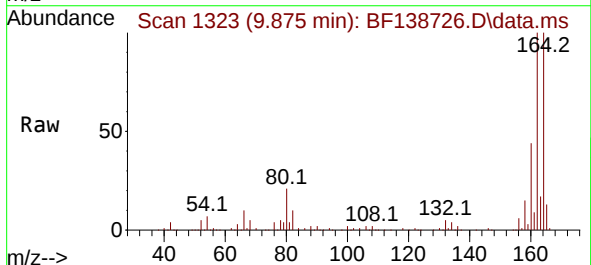
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-03-072324

Tgt Ion: 82 Resp: 292493
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138726.D
Acq: 01 Aug 2024 15:57

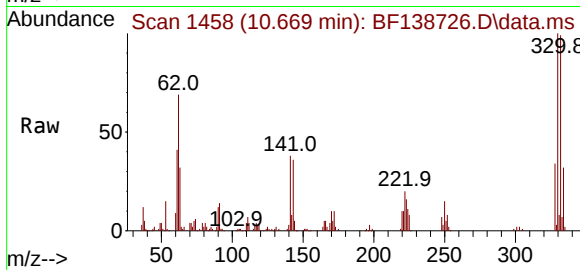
Tgt Ion:164 Resp: 153328
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.0
160 44.4 35.1 52.7



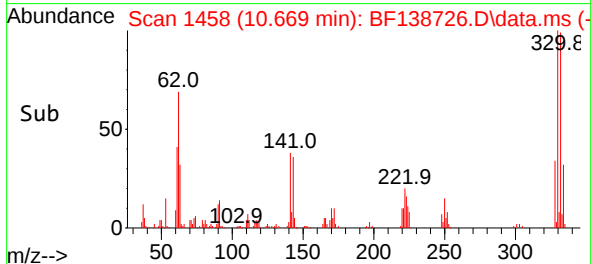
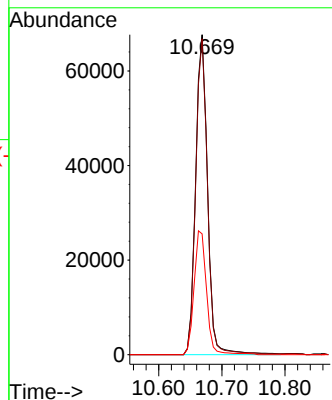


#42
2,4,6-Tribromophenol
Concen: 70.734 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138726.D
Acq: 01 Aug 2024 15:57

Instrument :
BNA_F
ClientSampleId :
OU4-VSL-03-072324

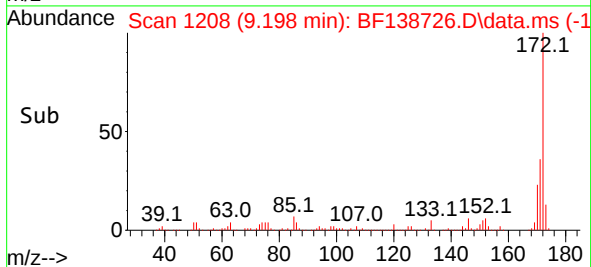
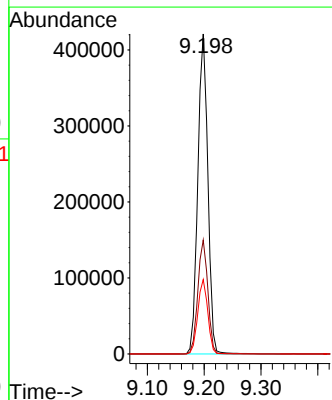
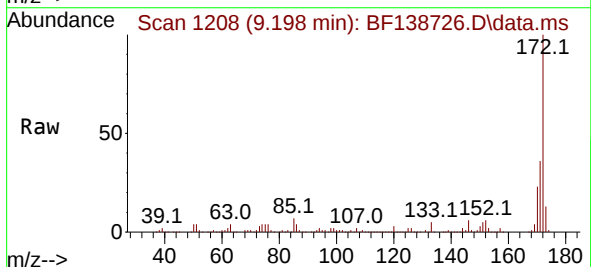


Tgt Ion: 330 Resp: 88839
Ion Ratio Lower Upper
330 100
332 97.5 76.4 114.6
141 40.4 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 50.935 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138726.D
Acq: 01 Aug 2024 15:57

Tgt Ion: 172 Resp: 519790
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.3 18.8 28.2

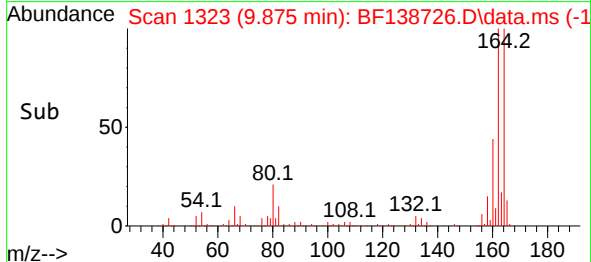
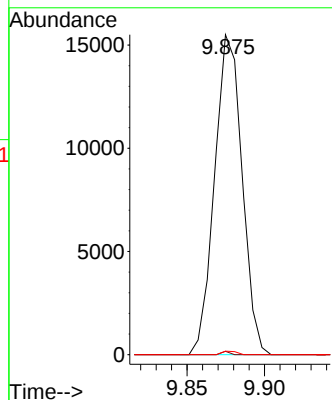
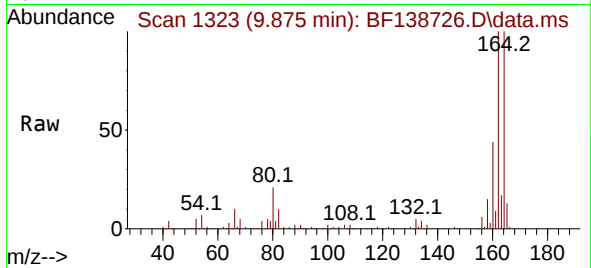




#51
2,6-Dinitrotoluene
Concen: 8.643 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138726.D
Acq: 01 Aug 2024 15:57

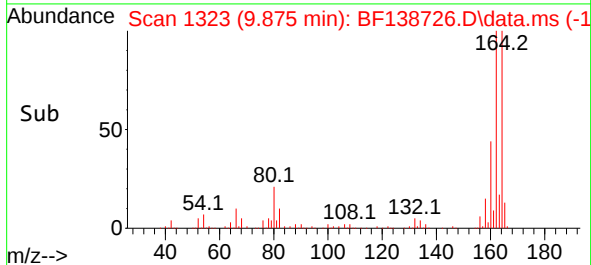
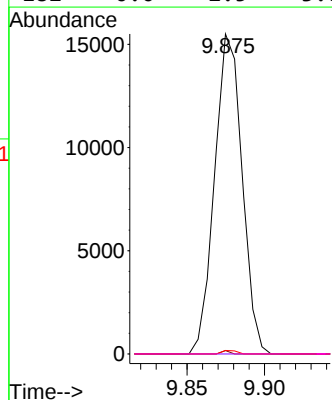
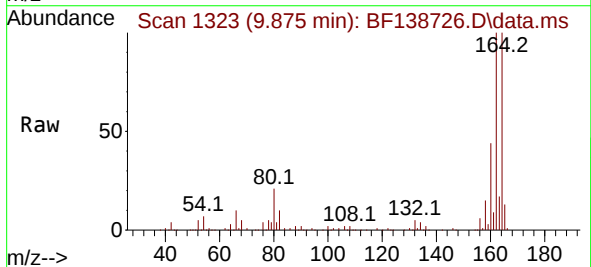
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-03-072324

Tgt Ion:165 Resp: 19123
Ion Ratio Lower Upper
165 100
63 1.1 52.0 78.0#
89 1.1 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.774 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138726.D
Acq: 01 Aug 2024 15:57

Tgt Ion:165 Resp: 19123
Ion Ratio Lower Upper
165 100
63 1.1 46.3 69.5#
89 1.1 64.2 96.4#
182 0.0 2.5 3.7#

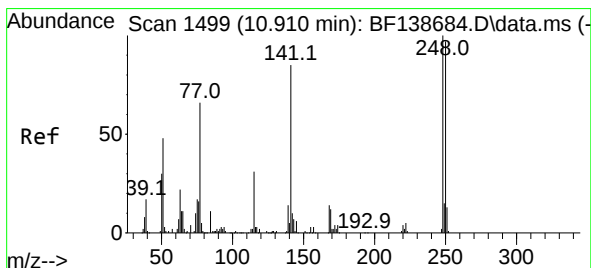
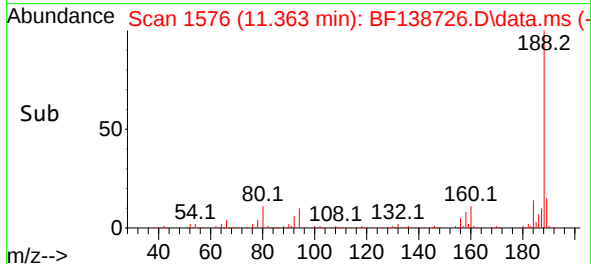
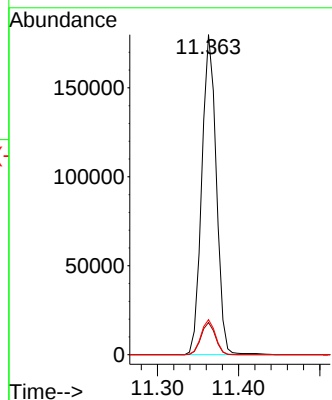
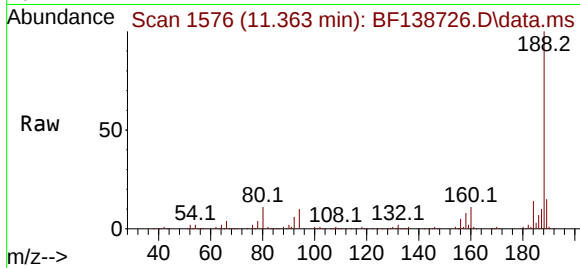




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138726.D
Acq: 01 Aug 2024 15:57

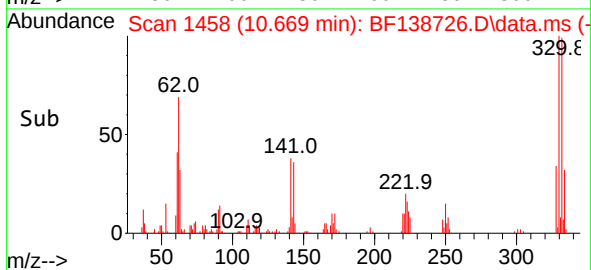
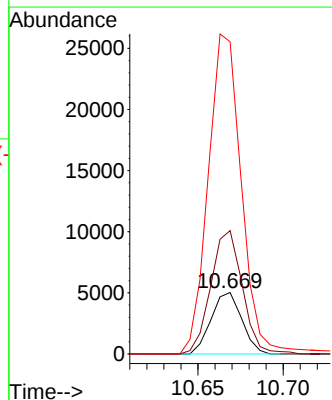
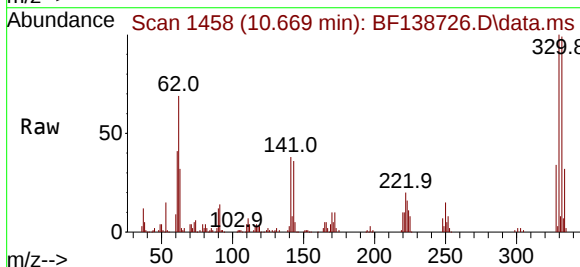
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ClientSampleId :
OU4-VSL-03-072324

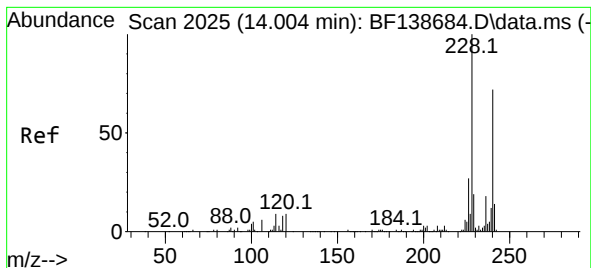
Tgt Ion:188 Resp: 223270
Ion Ratio Lower Upper
188 100
94 10.1 7.6 11.4
80 10.9 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 2.602 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.241 min
Lab File: BF138726.D
Acq: 01 Aug 2024 15:57

Tgt Ion:248 Resp: 6289
Ion Ratio Lower Upper
248 100
250 201.0 77.7 116.5#
141 508.4 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138726.D

Acq: 01 Aug 2024 15:57

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-03-072324

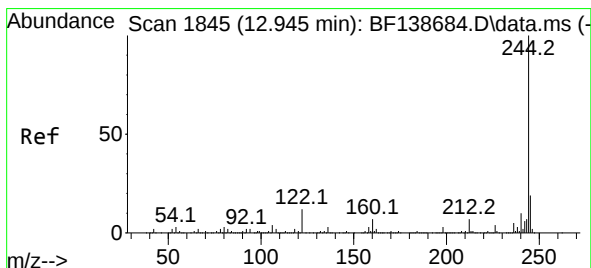
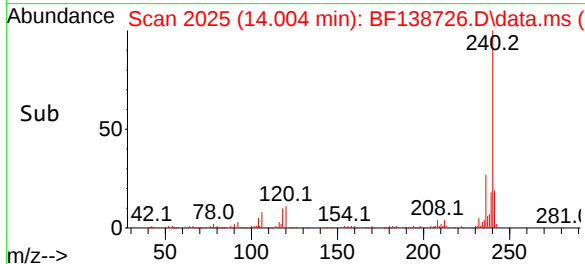
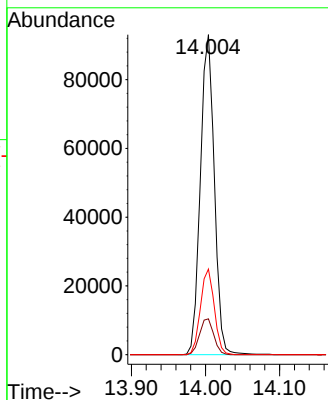
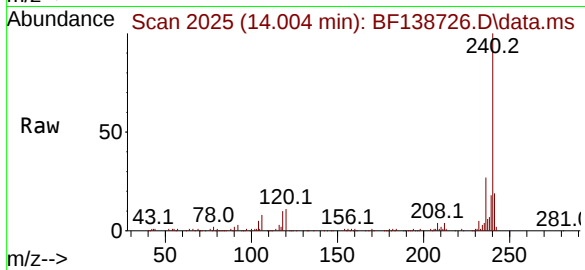
Tgt Ion:240 Resp: 121858

Ion Ratio Lower Upper

240 100

120 11.2 10.2 15.4

236 26.7 19.8 29.8



#79

Terphenyl-d14

Concen: 47.514 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BF138726.D

Acq: 01 Aug 2024 15:57

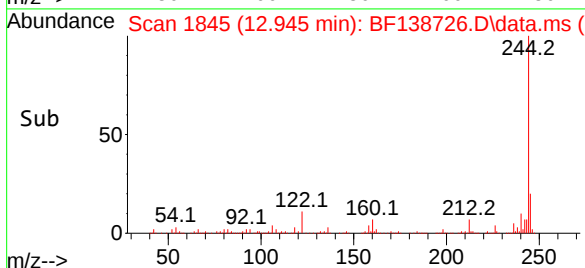
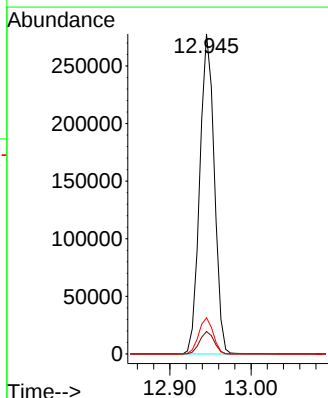
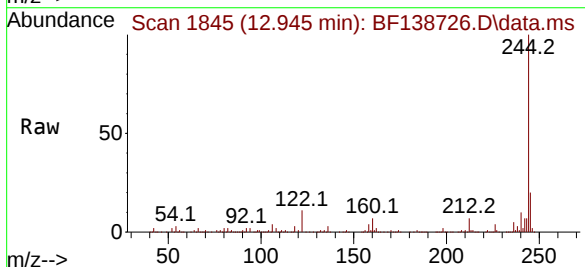
Tgt Ion:244 Resp: 345823

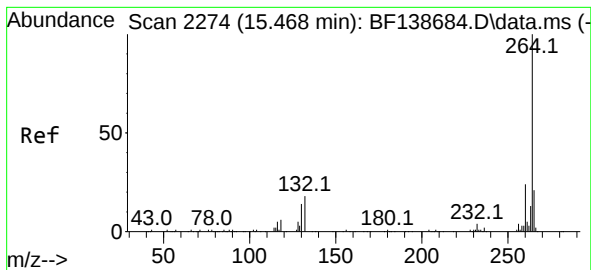
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.3 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.469 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138726.D

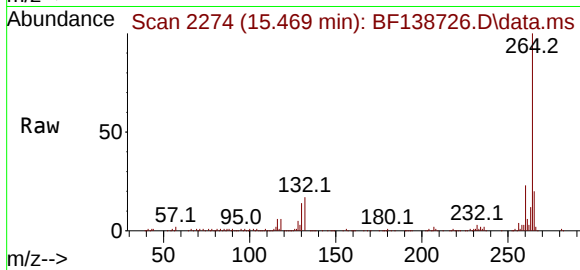
Acq: 01 Aug 2024 15:57

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:264 Resp: 141917

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 20.3 17.0 25.6

