

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
 Data File : BF138724.D
 Acq On : 01 Aug 2024 14:54
 Operator : RC/JU
 Sample : P3379-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-01-072324

Quant Time: Aug 01 15:33:27 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)

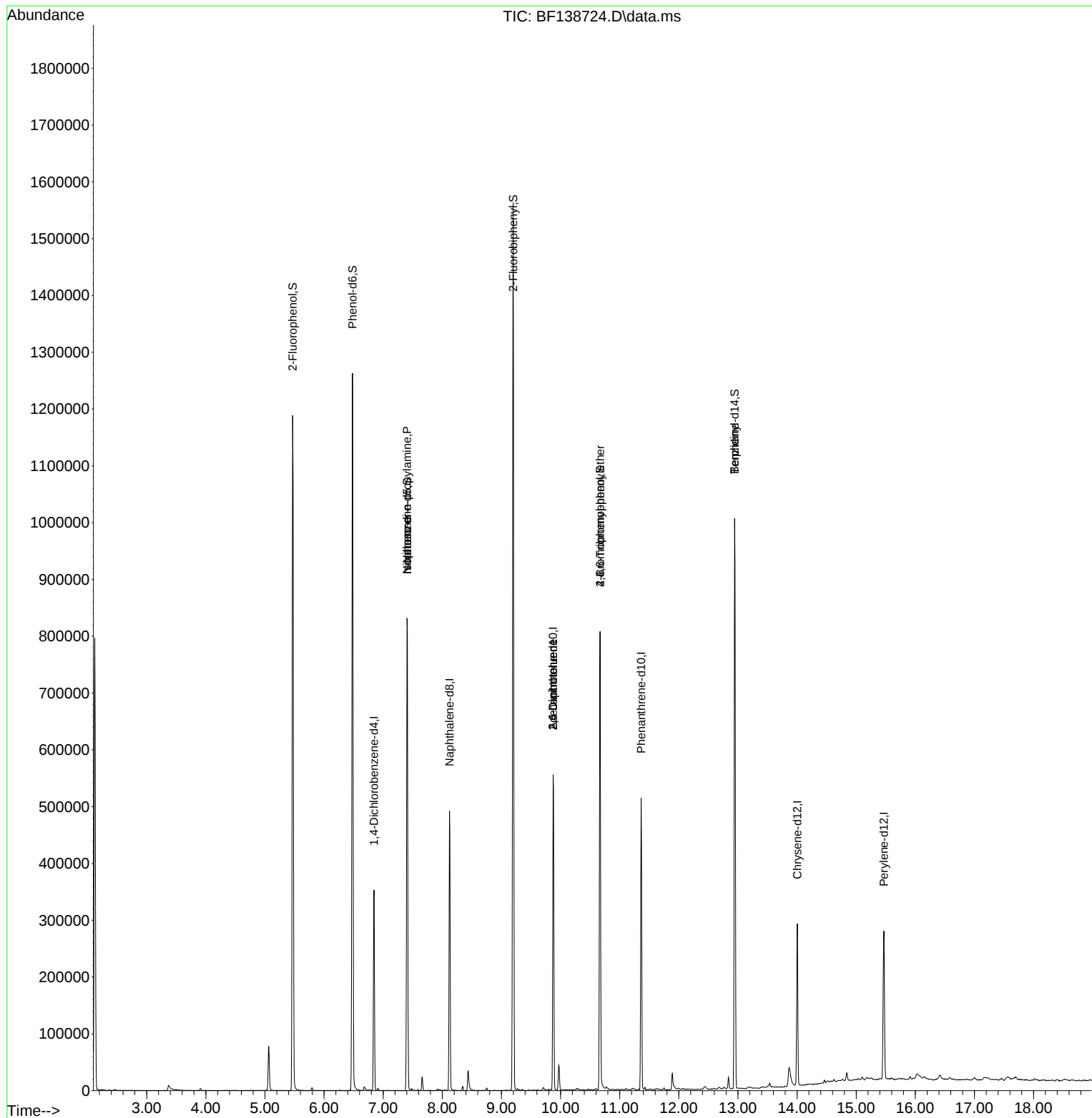
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	68414	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	297708	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	163017	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	255717	20.000	ng	0.00
76) Chrysene-d12	14.004	240	126187	20.000	ng	0.00
86) Perylene-d12	15.468	264	141594	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	400209	90.301	ng	0.00
7) Phenol-d6	6.481	99	564176	94.814	ng	0.00
23) Nitrobenzene-d5	7.404	82	371288	60.975	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	119623	89.583	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	649467	59.860	ng	0.00
79) Terphenyl-d14	12.945	244	471976	62.622	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	51062	14.208	ng	# 74
25) Isophorone	7.404	82	368873	35.477	ng	# 66
51) 2,6-Dinitrotoluene	9.875	165	20922	8.894	ng	# 21
57) 2,4-Dinitrotoluene	9.875	165	20922	6.971	ng	# 18
67) 4-Bromophenyl-phenylether	10.669	248	8404	3.035	ng	# 1
77) Benzydine	12.945	184	6616	2.192	ng	# 85

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

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Quant Time: Aug 01 15:33:27 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

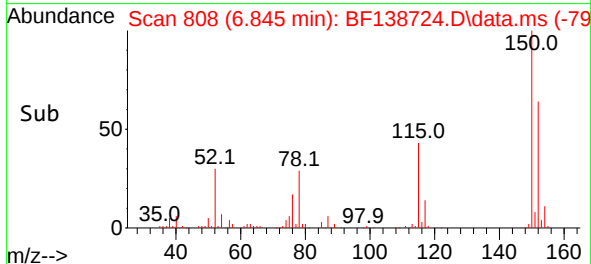
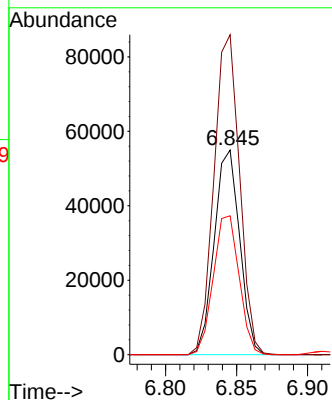
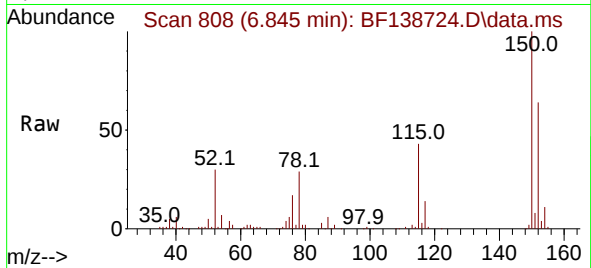




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138724.D
Acq: 01 Aug 2024 14:54

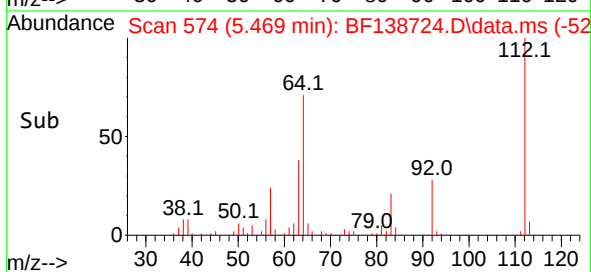
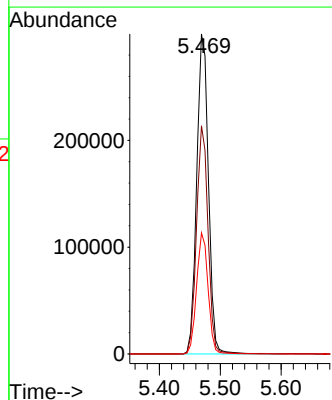
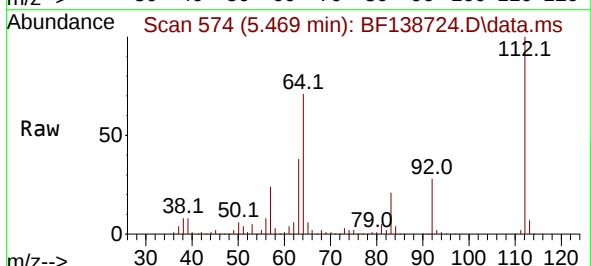
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-01-072324

Tgt Ion:152 Resp: 68414
Ion Ratio Lower Upper
152 100
150 156.3 126.0 189.0
115 67.8 51.7 77.5



#5
2-Fluorophenol
Concen: 90.301 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138724.D
Acq: 01 Aug 2024 14:54

Tgt Ion:112 Resp: 400209
Ion Ratio Lower Upper
112 100
64 71.3 54.2 81.4
63 37.9 28.7 43.1

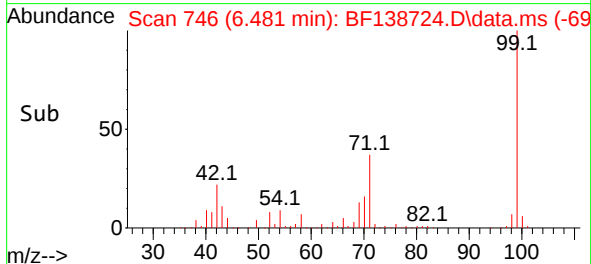
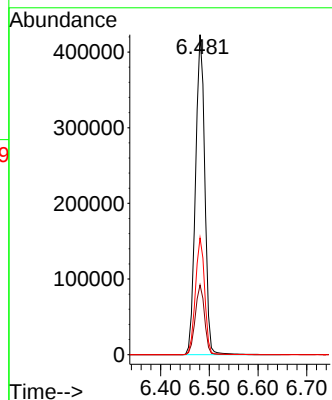
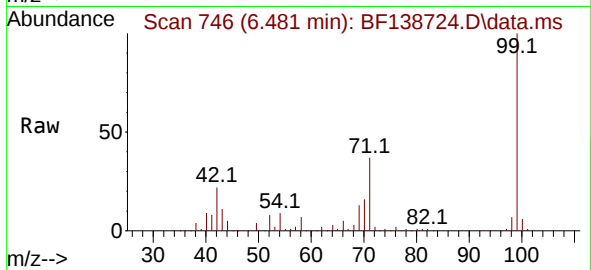




#7
Phenol-d6
Concen: 94.814 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138724.D
Acq: 01 Aug 2024 14:54

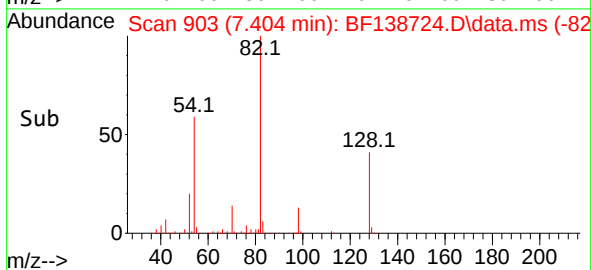
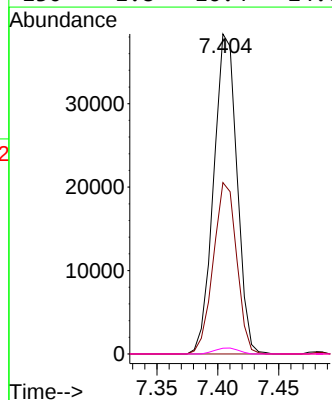
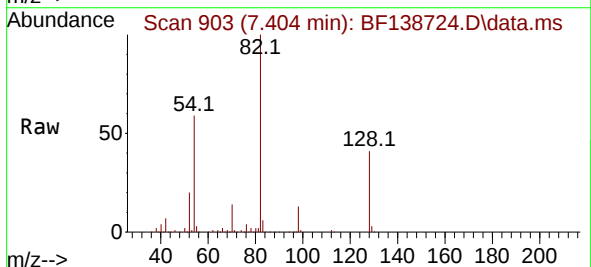
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-01-072324

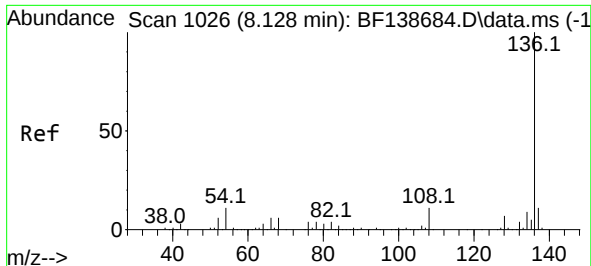
Tgt Ion: 99 Resp: 564176
Ion Ratio Lower Upper
99 100
42 21.8 17.4 26.0
71 36.5 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 14.208 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138724.D
Acq: 01 Aug 2024 14:54

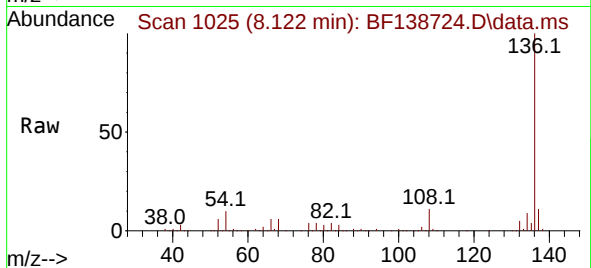
Tgt Ion: 70 Resp: 51062
Ion Ratio Lower Upper
70 100
42 53.6 57.4 86.0#
101 0.0 7.5 11.3#
130 1.8 16.4 24.6#



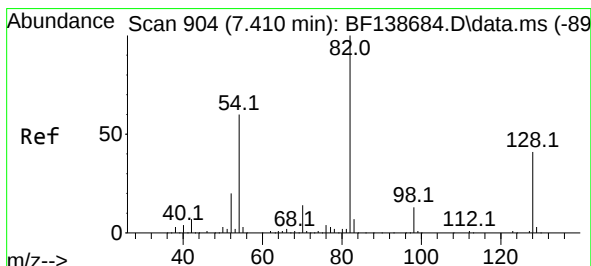
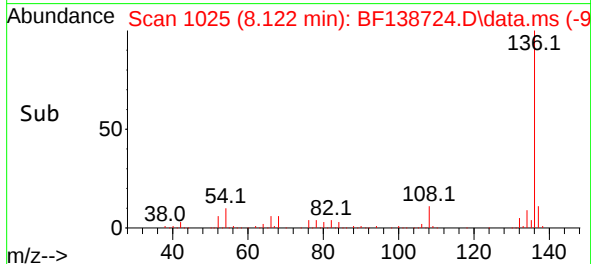
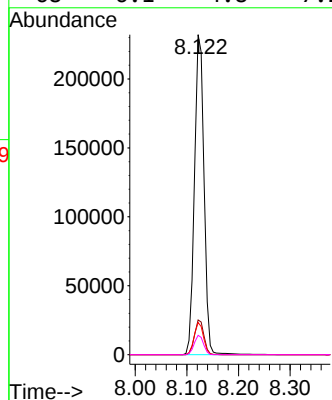


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138724.D
Acq: 01 Aug 2024 14:54

Instrument :
BNA_F
ClientSampleId :
OU4-VSL-01-072324

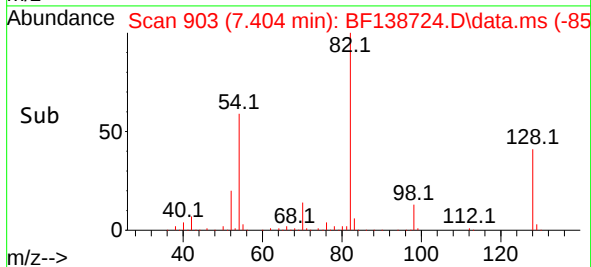
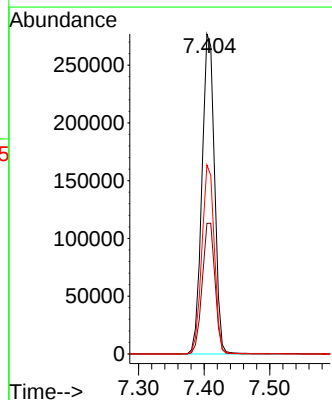
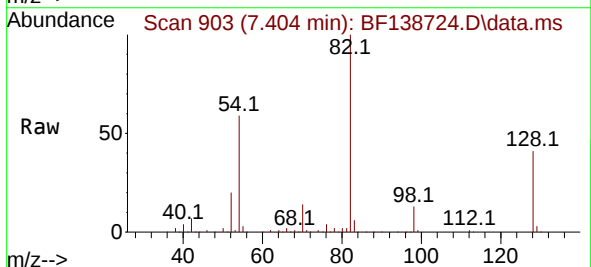


Tgt Ion:136 Resp: 297708
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.1 8.6 12.8
68 6.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 60.975 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138724.D
Acq: 01 Aug 2024 14:54

Tgt Ion: 82 Resp: 371288
Ion Ratio Lower Upper
82 100
128 40.8 32.8 49.2
54 59.0 48.3 72.5

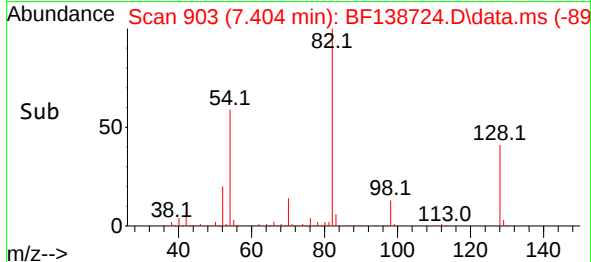
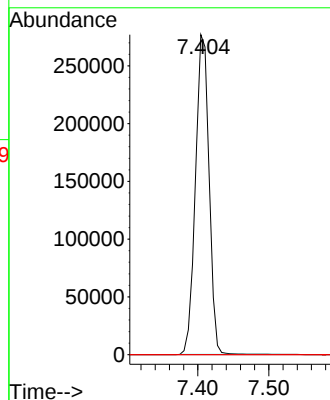
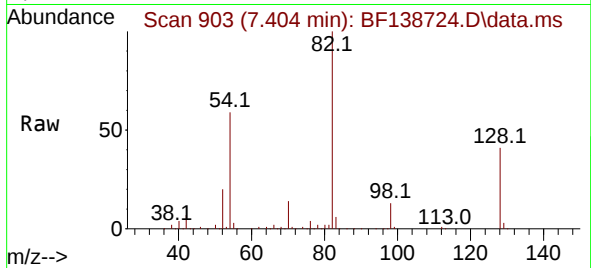




#25
Isophorone
Concen: 35.477 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138724.D
Acq: 01 Aug 2024 14:54

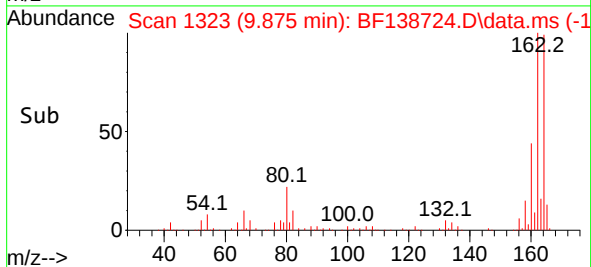
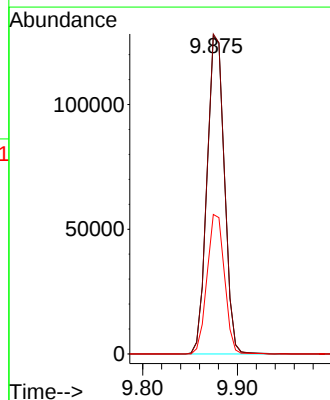
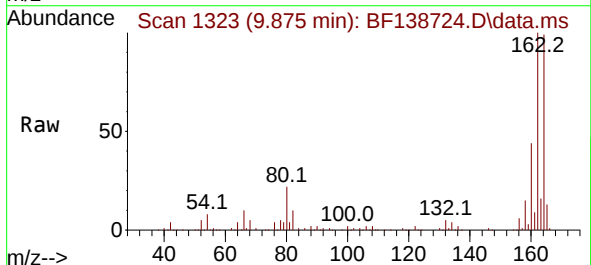
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-01-072324

Tgt Ion: 82 Resp: 368873
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: BF138724.D
Acq: 01 Aug 2024 14:54

Tgt Ion:164 Resp: 163017
Ion Ratio Lower Upper
164 100
162 100.5 79.4 119.0
160 43.8 35.1 52.7

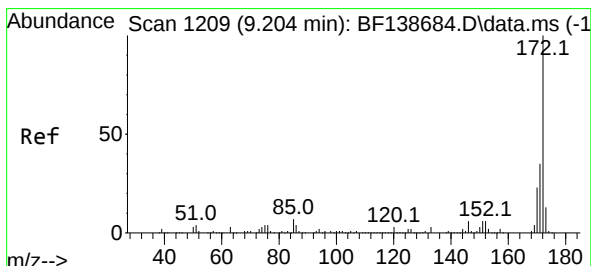
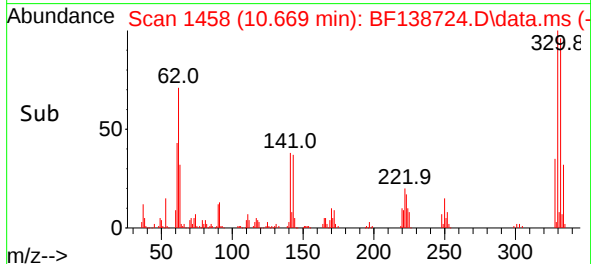
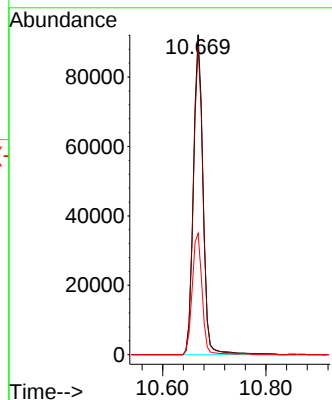
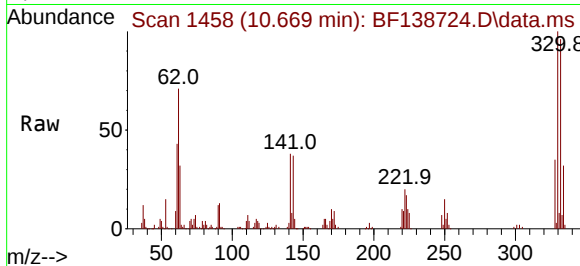




#42
2,4,6-Tribromophenol
Concen: 89.583 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138724.D
Acq: 01 Aug 2024 14:54

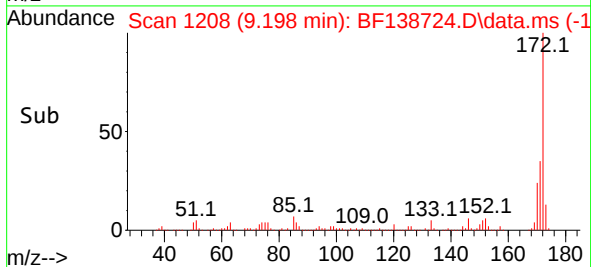
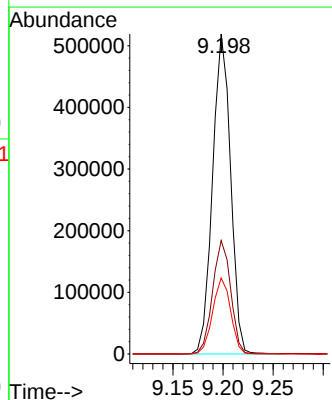
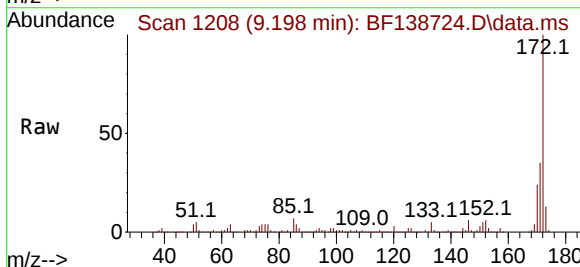
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-01-072324

Tgt Ion:330 Resp: 119623
Ion Ratio Lower Upper
330 100
332 95.8 76.4 114.6
141 38.7 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 59.860 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138724.D
Acq: 01 Aug 2024 14:54

Tgt Ion:172 Resp: 649467
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.7 18.8 28.2

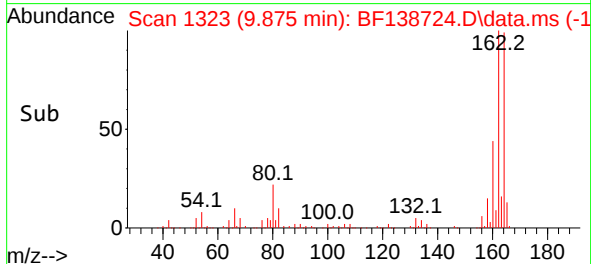
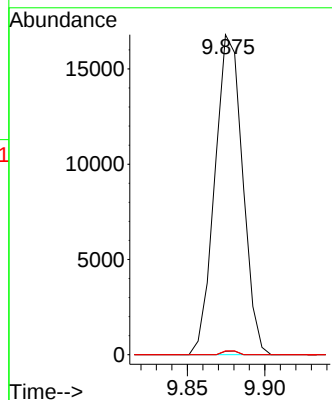
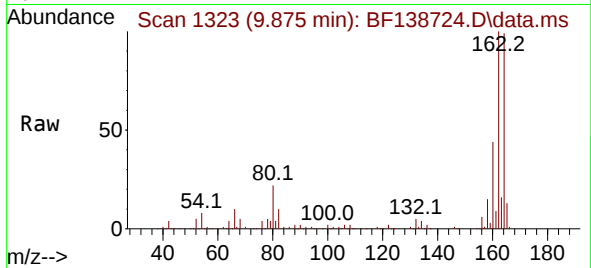




#51
2,6-Dinitrotoluene
Concen: 8.894 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138724.D
Acq: 01 Aug 2024 14:54

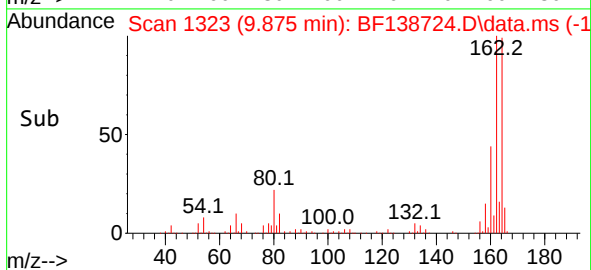
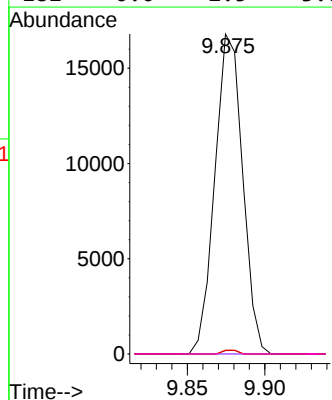
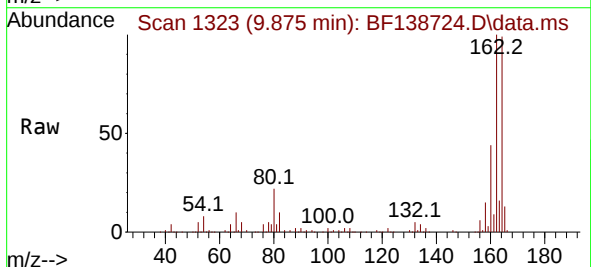
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-01-072324

Tgt Ion:165 Resp: 20922
Ion Ratio Lower Upper
165 100
63 1.0 52.0 78.0#
89 1.2 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.971 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138724.D
Acq: 01 Aug 2024 14:54

Tgt Ion:165 Resp: 20922
Ion Ratio Lower Upper
165 100
63 1.0 46.3 69.5#
89 1.2 64.2 96.4#
182 0.0 2.5 3.7#

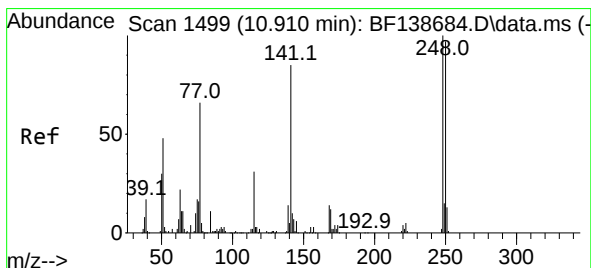
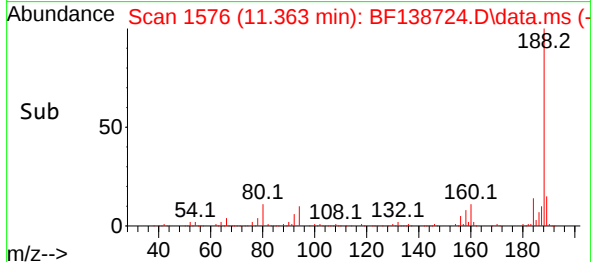
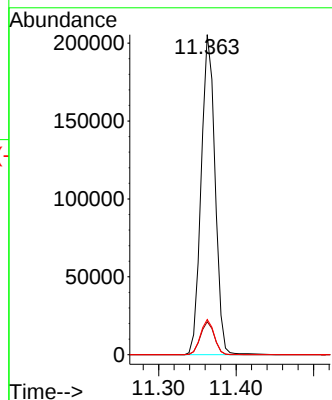
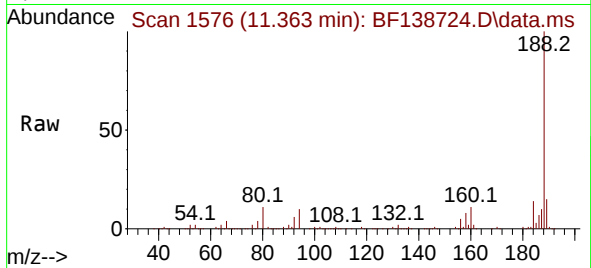




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138724.D
Acq: 01 Aug 2024 14:54

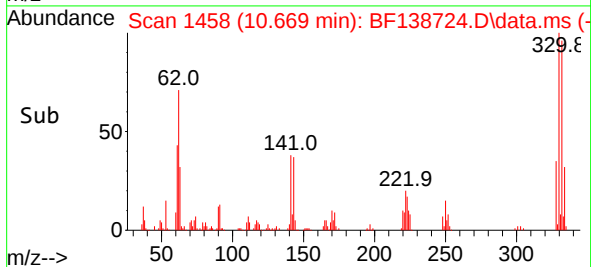
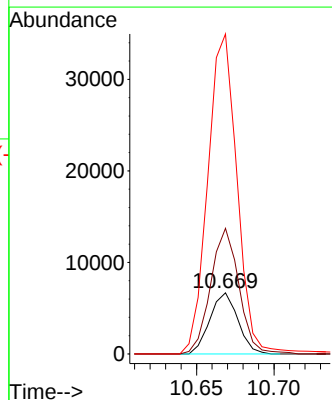
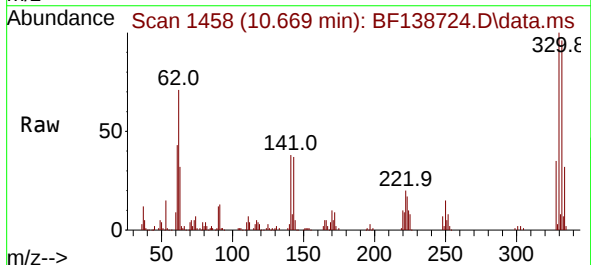
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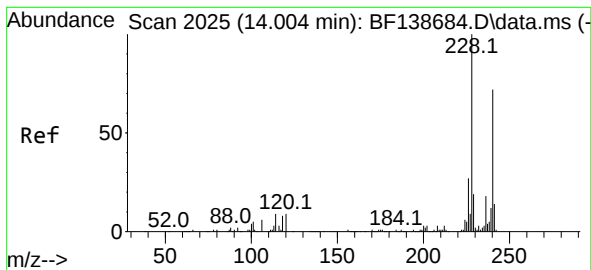
Tgt Ion:188 Resp: 255717
Ion Ratio Lower Upper
188 100
94 10.3 7.6 11.4
80 11.0 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 3.035 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.241 min
Lab File: BF138724.D
Acq: 01 Aug 2024 14:54

Tgt Ion:248 Resp: 8404
Ion Ratio Lower Upper
248 100
250 205.5 77.7 116.5#
141 523.7 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF138724.D

Acq: 01 Aug 2024 14:54

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-01-072324

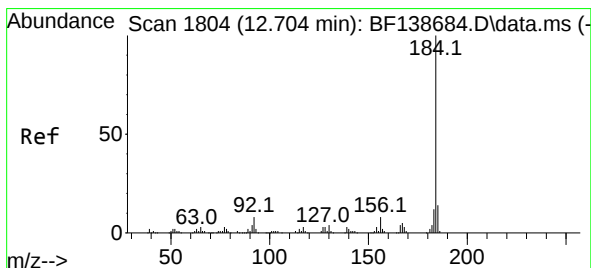
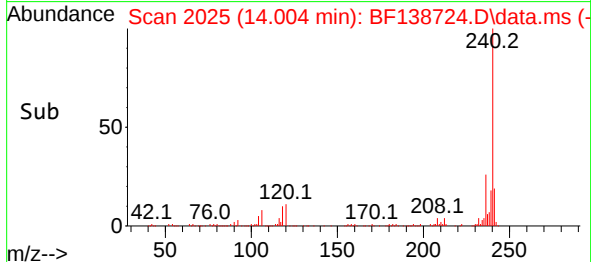
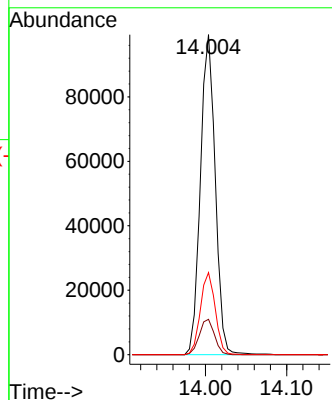
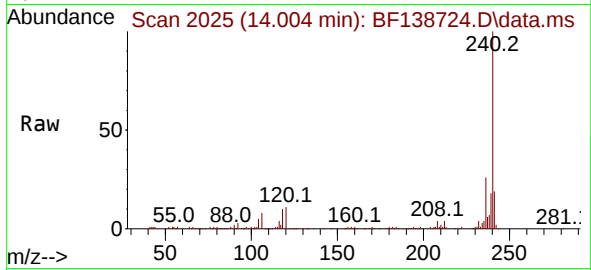
Tgt Ion:240 Resp: 126187

Ion Ratio Lower Upper

240 100

120 11.0 10.2 15.4

236 25.7 19.8 29.8



#77

Benzidine

Concen: 2.192 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.241 min

Lab File: BF138724.D

Acq: 01 Aug 2024 14:54

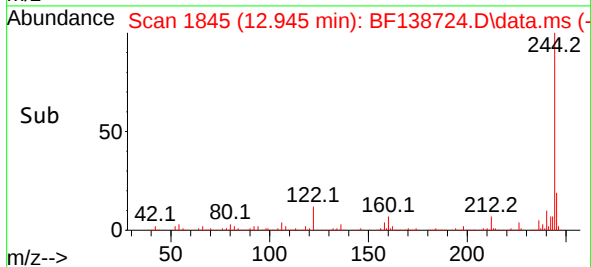
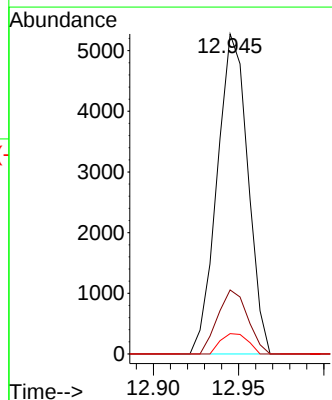
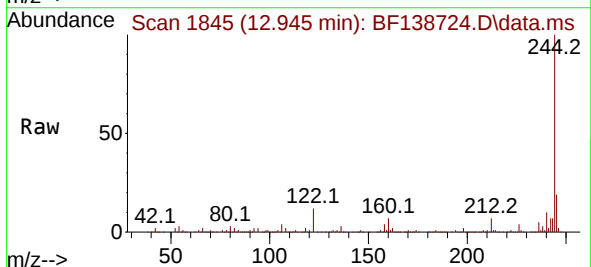
Tgt Ion:184 Resp: 6616

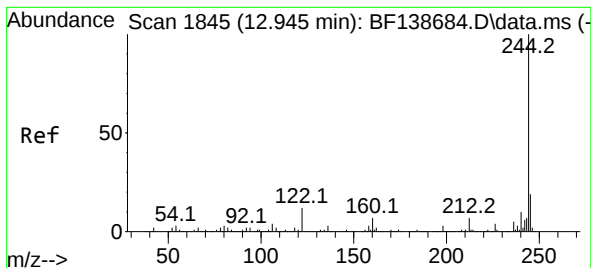
Ion Ratio Lower Upper

184 100

185 20.0 11.1 16.7#

183 6.4 9.6 14.4#





#79

Terphenyl-d14

Concen: 62.622 ng

RT: 12.945 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138724.D

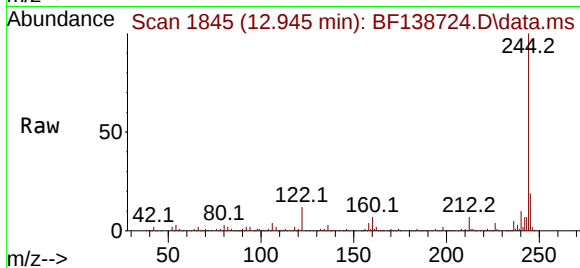
Acq: 01 Aug 2024 14:54

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-01-072324



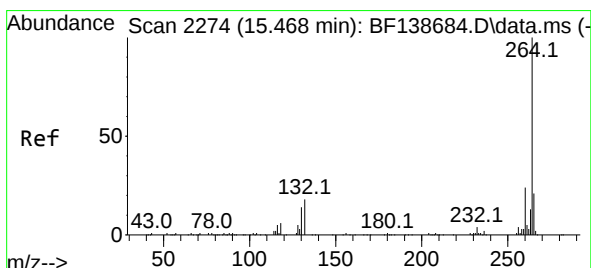
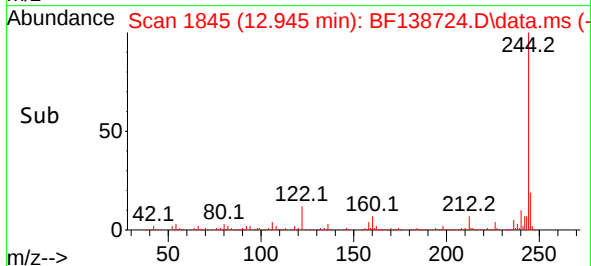
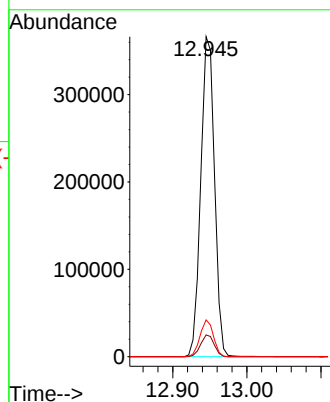
Tgt Ion:244 Resp: 471976

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.5 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BF138724.D

Acq: 01 Aug 2024 14:54

Tgt Ion:264 Resp: 141594

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.6 17.0 25.6

