

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
 Data File : BF138721.D
 Acq On : 01 Aug 2024 13:21
 Operator : RC/JU
 Sample : P3379-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Aug 01 13:47:23 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)

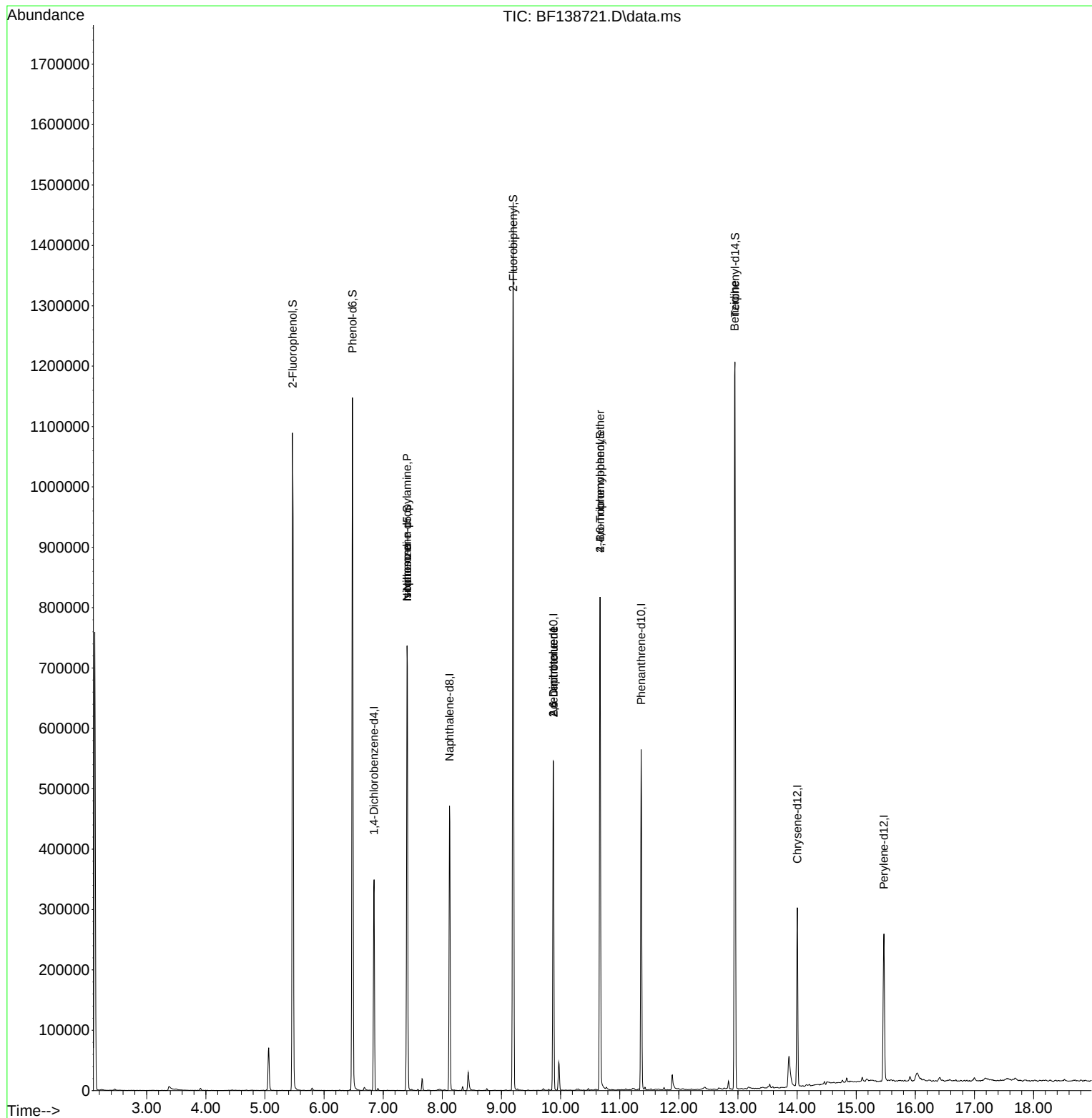
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	67765	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	288171	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	163668	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	281615	20.000	ng	0.00
76) Chrysene-d12	14.004	240	134004	20.000	ng	0.00
86) Perylene-d12	15.468	264	133387	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	364455	83.021	ng	0.00
7) Phenol-d6	6.481	99	504468	85.591	ng	0.00
23) Nitrobenzene-d5	7.404	82	325828	55.280	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	119601	89.211	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	602676	55.327	ng	0.00
79) Terphenyl-d14	12.951	244	582473	72.775	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	43567	12.239	ng	Qvalue # 75
25) Isophorone	7.404	82	325740	32.365	ng	# 66
51) 2,6-Dinitrotoluene	9.880	165	20898	8.848	ng	# 21
57) 2,4-Dinitrotoluene	9.880	165	20898	6.935	ng	# 18
67) 4-Bromophenyl-phenylether	10.669	248	8973	2.943	ng	# 1
77) Benzidine	12.945	184	8240	2.571	ng	# 90

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

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Quant Time: Aug 01 13:47:23 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

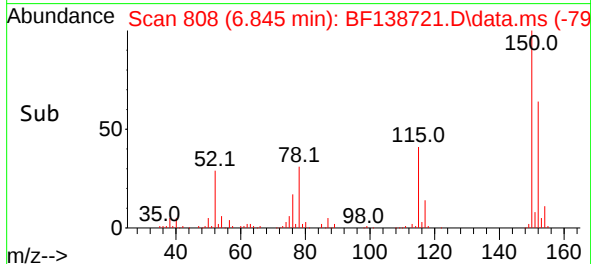
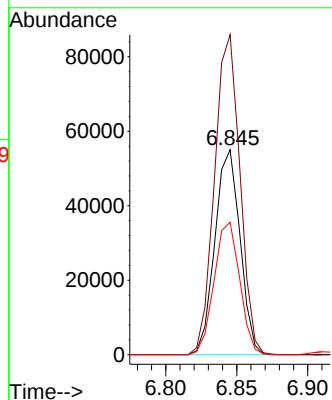
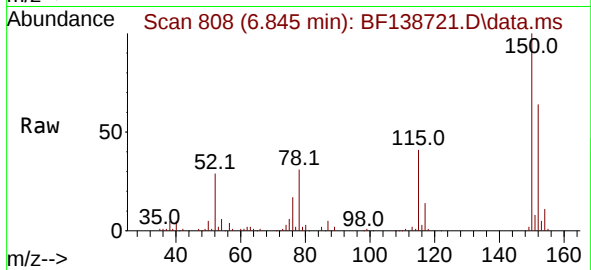




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138721.D
Acq: 01 Aug 2024 13:21

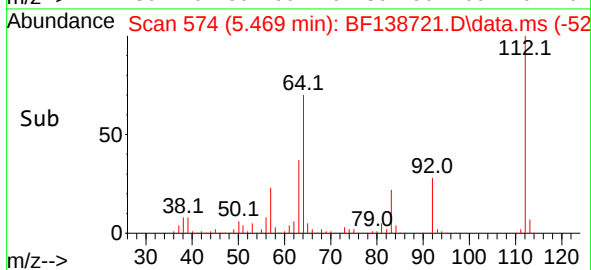
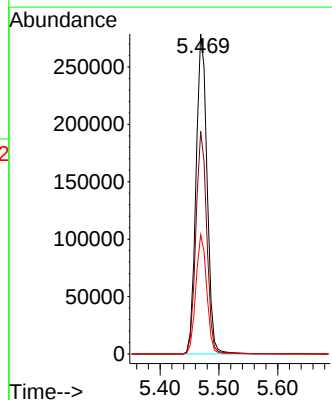
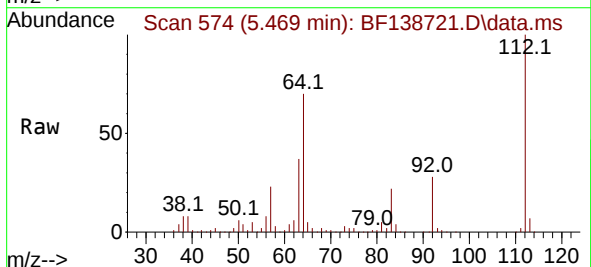
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-03-072324

Tgt Ion:152 Resp: 67765
Ion Ratio Lower Upper
152 100
150 156.1 126.0 189.0
115 64.6 51.7 77.5



#5
2-Fluorophenol
Concen: 83.021 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138721.D
Acq: 01 Aug 2024 13:21

Tgt Ion:112 Resp: 364455
Ion Ratio Lower Upper
112 100
64 69.6 54.2 81.4
63 37.2 28.7 43.1

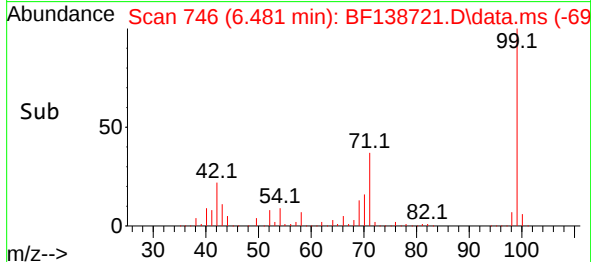
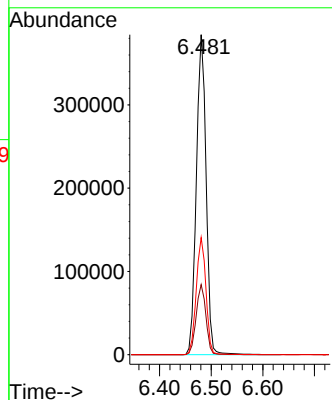
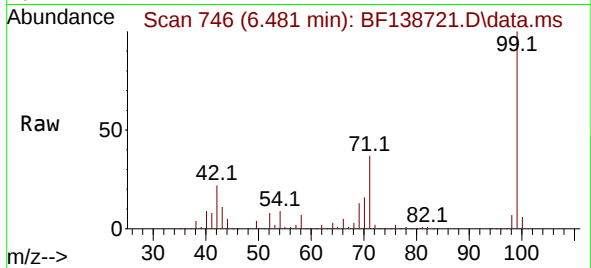




#7
Phenol-d6
Concen: 85.591 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138721.D
Acq: 01 Aug 2024 13:21

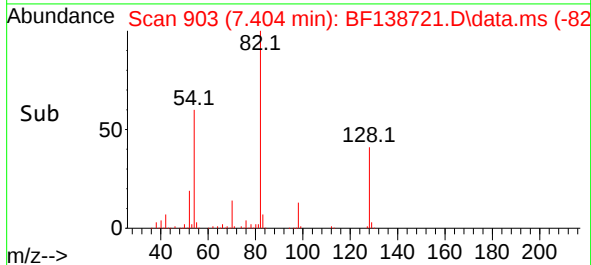
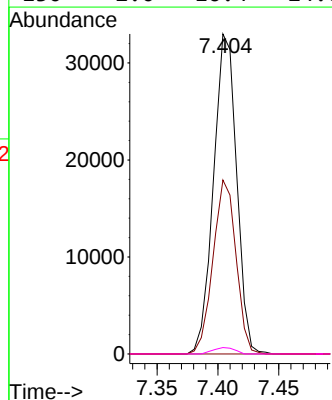
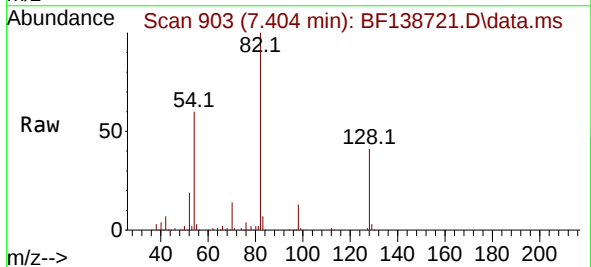
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-03-072324

Tgt Ion: 99 Resp: 504468
Ion Ratio Lower Upper
99 100
42 21.9 17.4 26.0
71 36.6 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 12.239 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138721.D
Acq: 01 Aug 2024 13:21

Tgt Ion: 70 Resp: 43567
Ion Ratio Lower Upper
70 100
42 54.4 57.4 86.0#
101 0.0 7.5 11.3#
130 2.0 16.4 24.6#

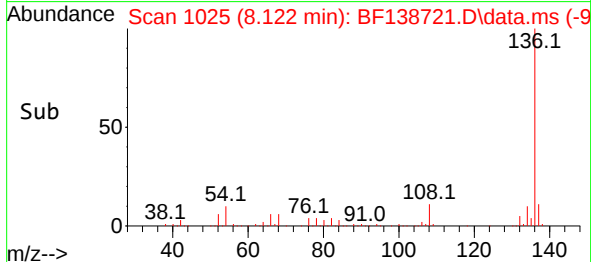
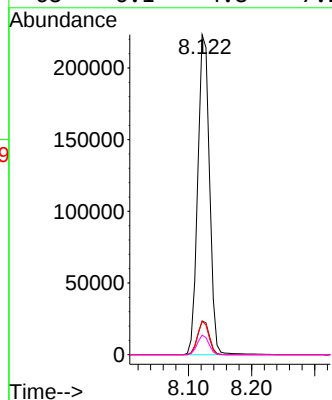
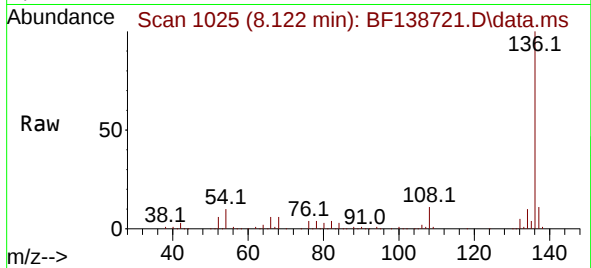




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138721.D
Acq: 01 Aug 2024 13:21

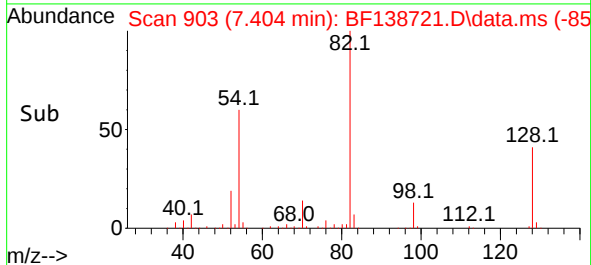
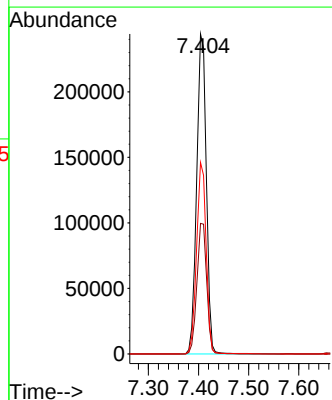
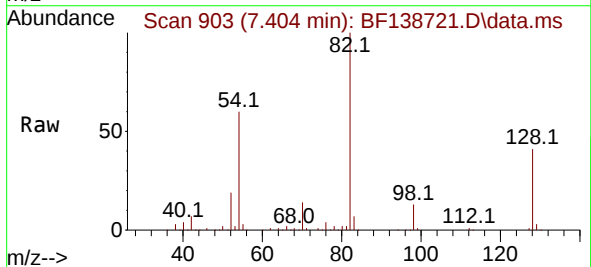
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-03-072324

Tgt Ion:136 Resp: 288171
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 10.4 8.6 12.8
68 6.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 55.280 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138721.D
Acq: 01 Aug 2024 13:21

Tgt Ion: 82 Resp: 325828
Ion Ratio Lower Upper
82 100
128 40.8 32.8 49.2
54 59.8 48.3 72.5

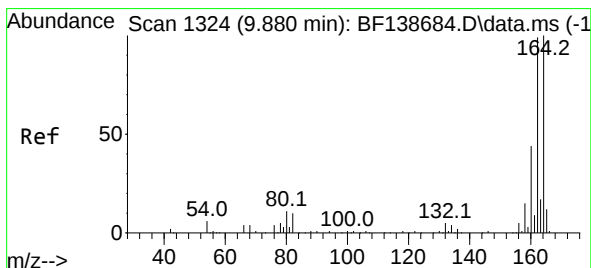
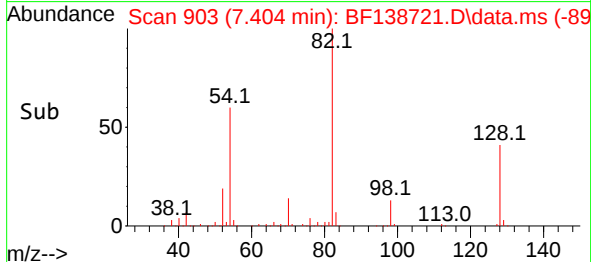
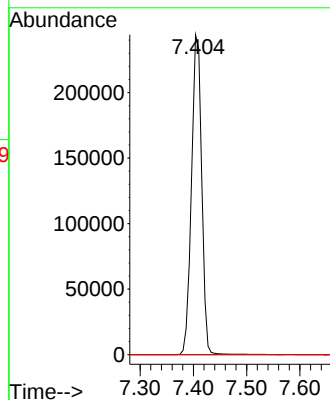
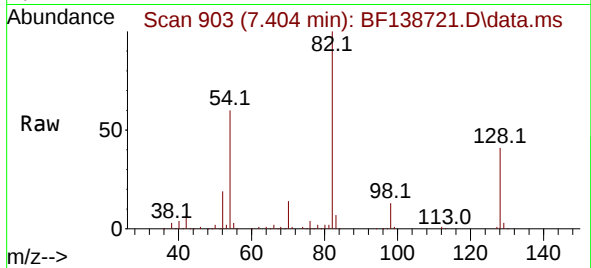




#25
Isophorone
Concen: 32.365 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138721.D
Acq: 01 Aug 2024 13:21

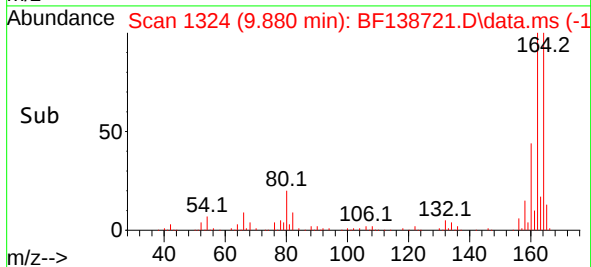
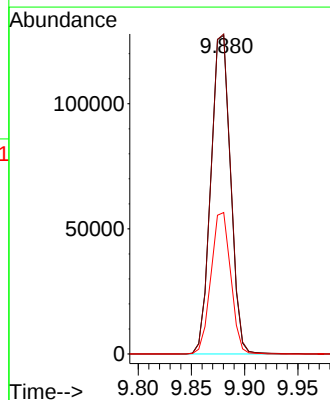
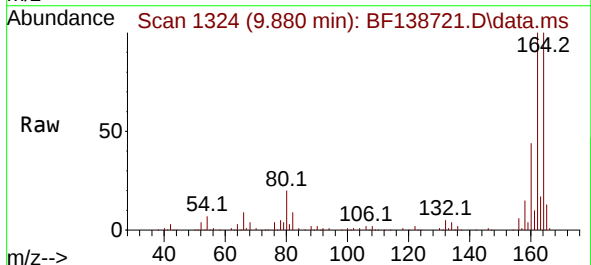
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-03-072324

Tgt Ion: 82 Resp: 325740
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: 9.880 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF138721.D
Acq: 01 Aug 2024 13:21

Tgt Ion:164 Resp: 163668
Ion Ratio Lower Upper
164 100
162 100.5 79.4 119.0
160 44.4 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 89.211 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.000 min

Lab File: BF138721.D

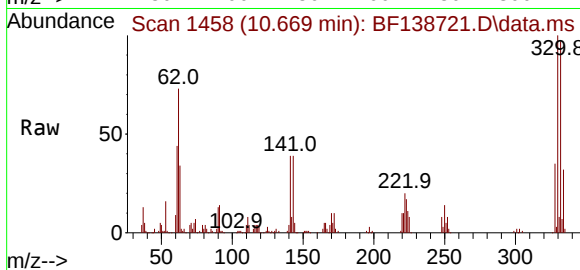
Acq: 01 Aug 2024 13:21

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-03-072324



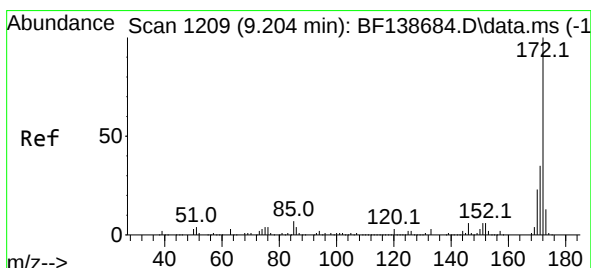
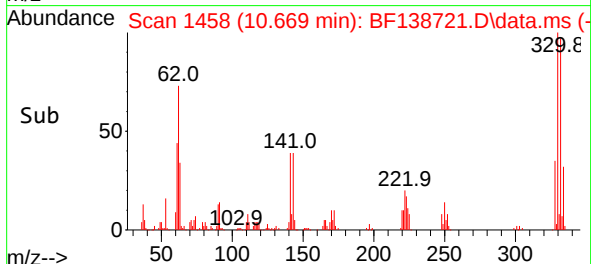
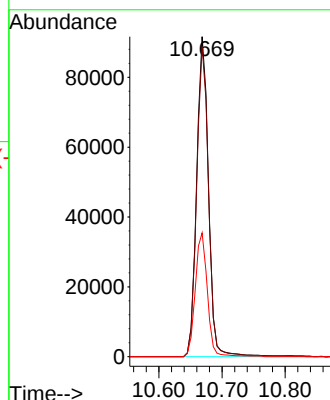
Tgt Ion:330 Resp: 119601

Ion Ratio Lower Upper

330 100

332 97.4 76.4 114.6

141 39.4 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 55.327 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138721.D

Acq: 01 Aug 2024 13:21

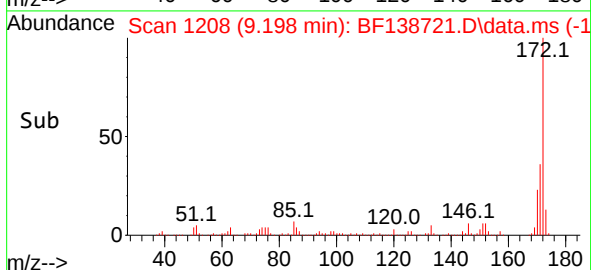
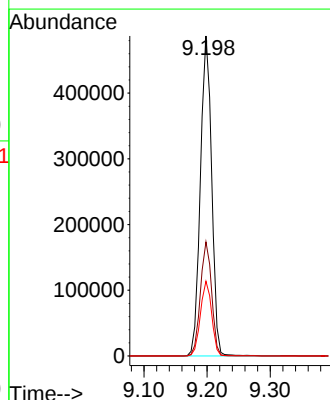
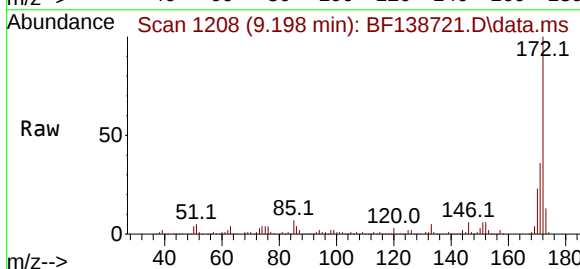
Tgt Ion:172 Resp: 602676

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.3 18.8 28.2

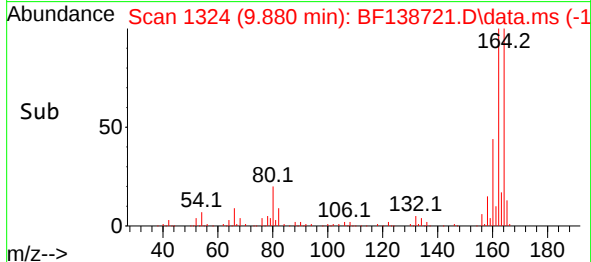
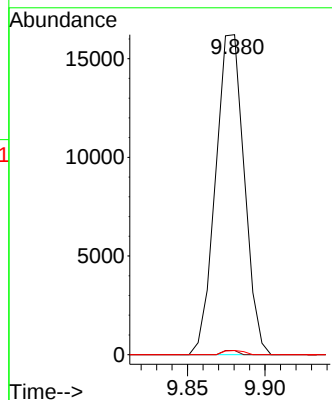
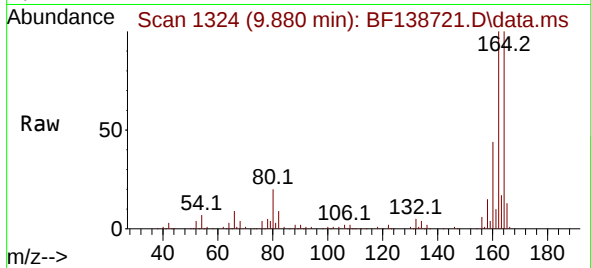




#51
2,6-Dinitrotoluene
Concen: 8.848 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF138721.D
Acq: 01 Aug 2024 13:21

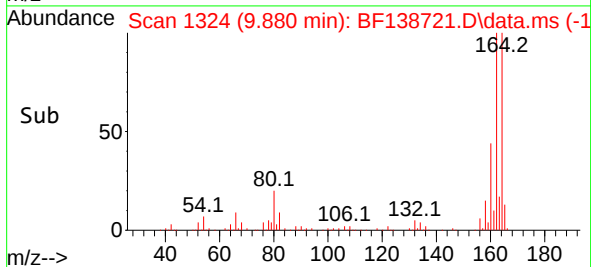
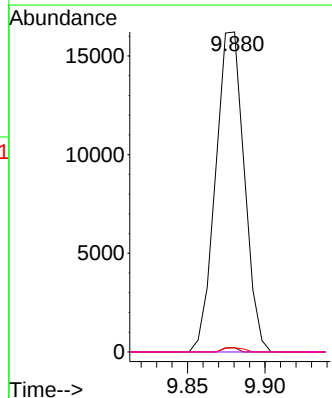
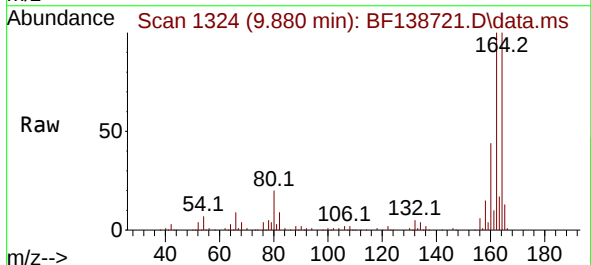
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-03-072324

Tgt Ion:165 Resp: 20898
Ion Ratio Lower Upper
165 100
63 1.3 52.0 78.0#
89 1.3 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.935 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF138721.D
Acq: 01 Aug 2024 13:21

Tgt Ion:165 Resp: 20898
Ion Ratio Lower Upper
165 100
63 1.3 46.3 69.5#
89 1.3 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138721.D

Acq: 01 Aug 2024 13:21

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-03-072324

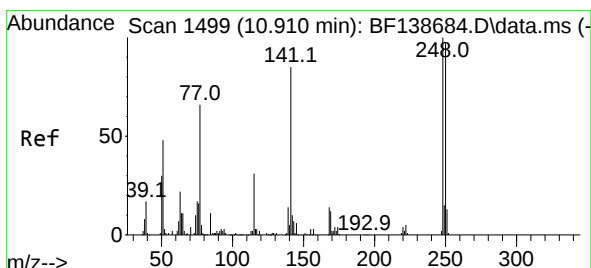
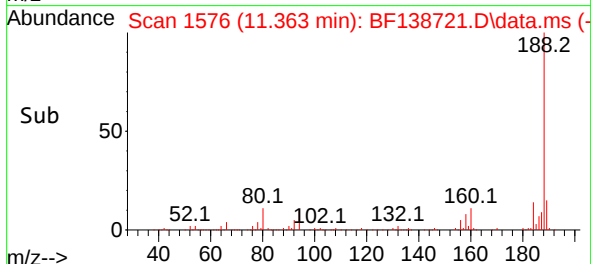
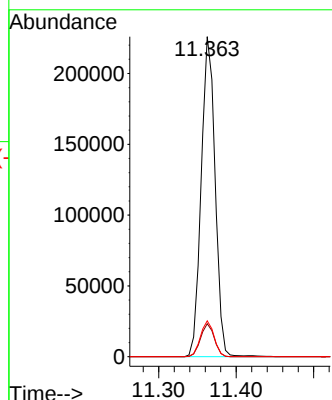
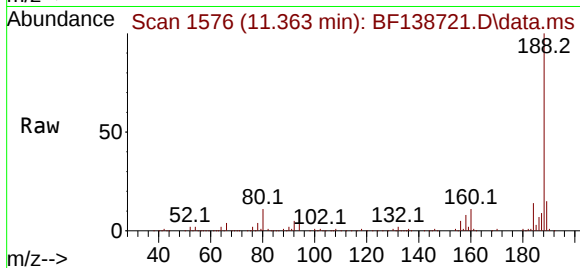
Tgt Ion:188 Resp: 281615

Ion Ratio Lower Upper

188 100

94 10.3 7.6 11.4

80 11.2 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 2.943 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138721.D

Acq: 01 Aug 2024 13:21

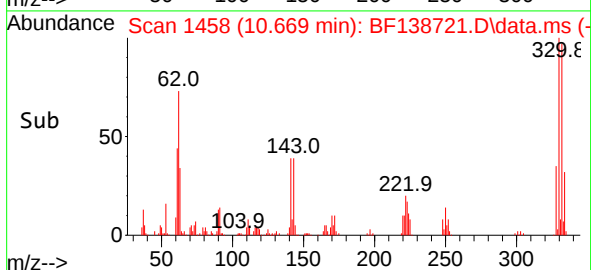
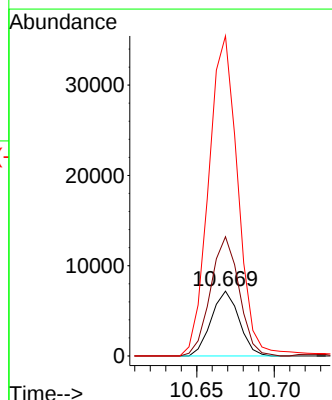
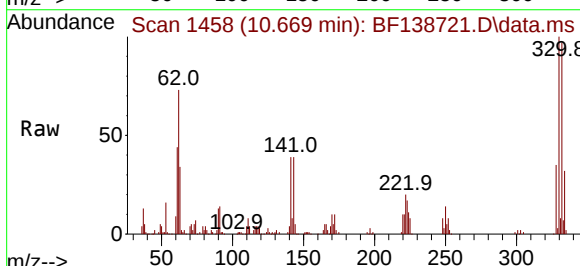
Tgt Ion:248 Resp: 8973

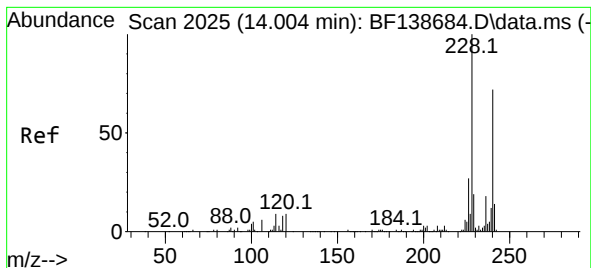
Ion Ratio Lower Upper

248 100

250 184.1 77.7 116.5#

141 494.0 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: BF138721.D

Acq: 01 Aug 2024 13:21

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-03-072324

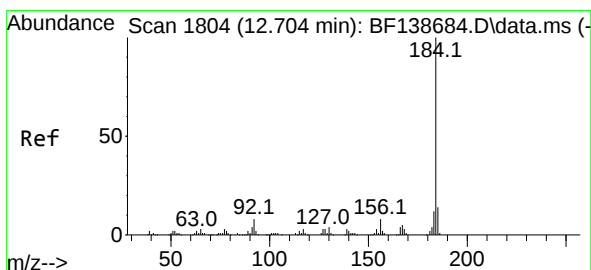
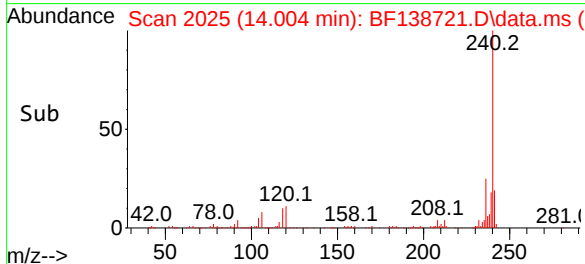
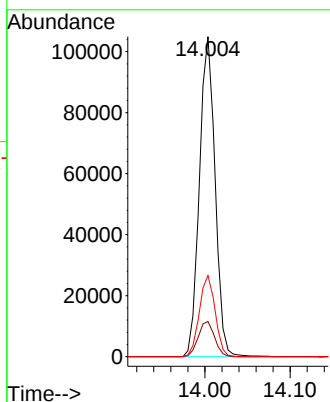
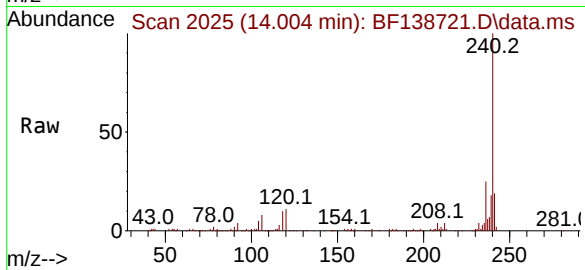
Tgt Ion:240 Resp: 134004

Ion Ratio Lower Upper

240 100

120 11.0 10.2 15.4

236 25.4 19.8 29.8



#77

Benzidine

Concen: 2.571 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.241 min

Lab File: BF138721.D

Acq: 01 Aug 2024 13:21

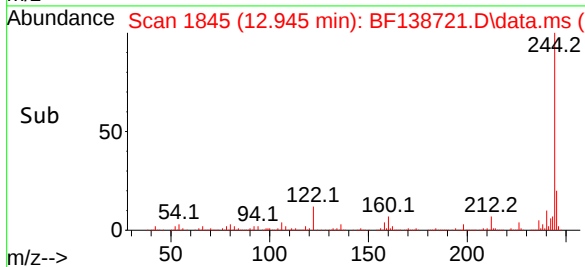
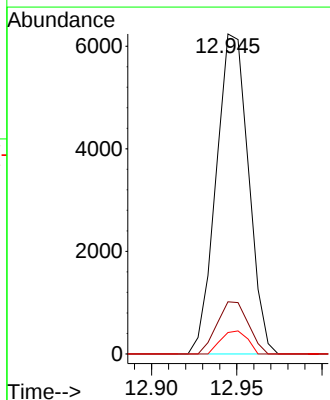
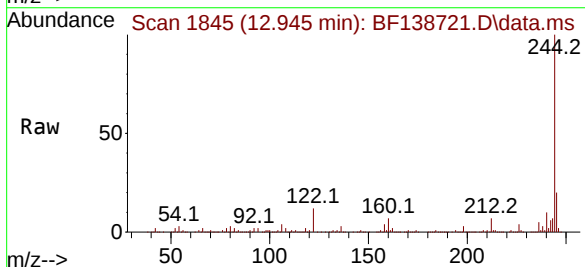
Tgt Ion:184 Resp: 8240

Ion Ratio Lower Upper

184 100

185 16.3 11.1 16.7

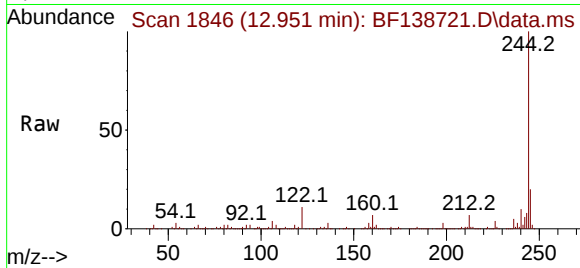
183 6.7 9.6 14.4#



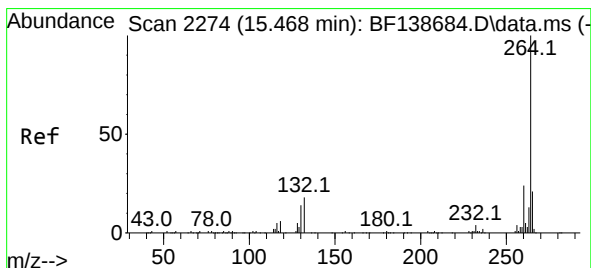
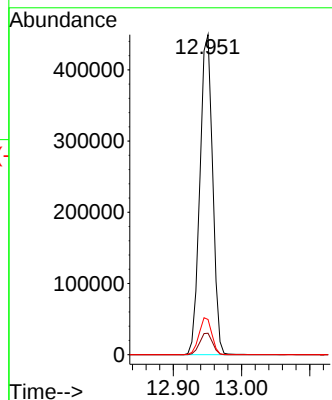
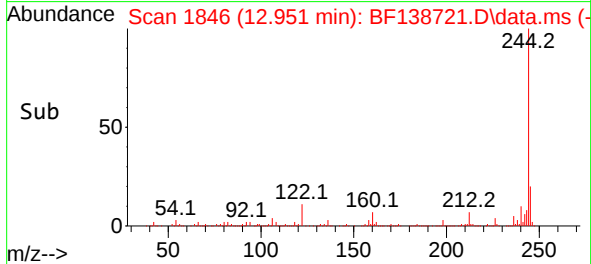


#79
 Terphenyl-d14
 Concen: 72.775 ng
 RT: 12.951 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: BF138721.D
 Acq: 01 Aug 2024 13:21

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



Tgt Ion:244 Resp: 582473
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.0 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: BF138721.D
 Acq: 01 Aug 2024 13:21

Tgt Ion:264 Resp: 133387
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.0 28.6
 265 22.0 17.0 25.6

