

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
 Data File : BF138762.D
 Acq On : 03 Aug 2024 11:02
 Operator : RC/JU
 Sample : P3379-03RX
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-02-072324RX

Quant Time: Aug 05 00:49:01 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)

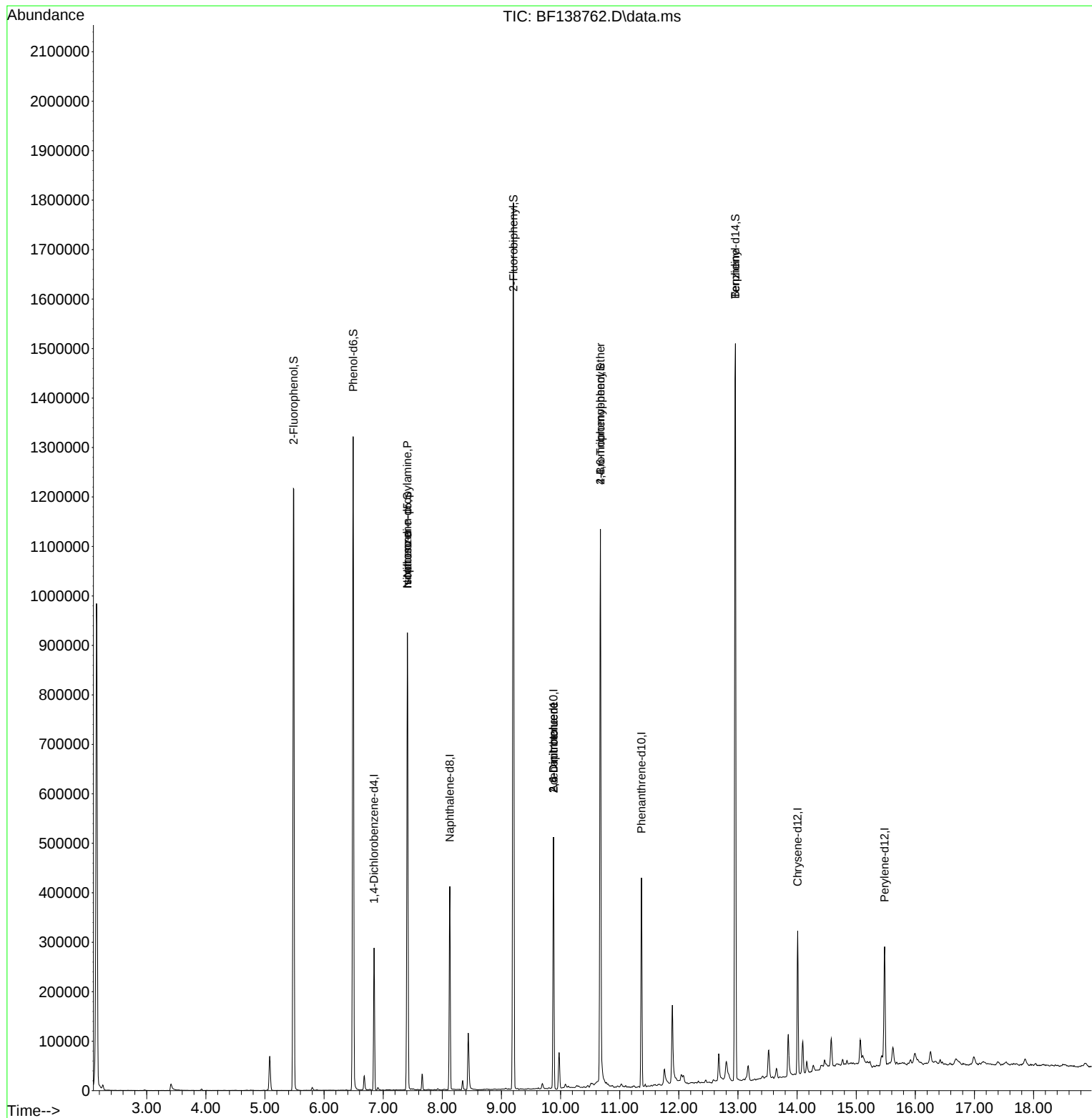
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	53746	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	242226	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	143809	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	209060	20.000	ng	0.00
76) Chrysene-d12	14.010	240	126686	20.000	ng	0.00
86) Perylene-d12	15.480	264	130904	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	431008	123.791	ng	0.02
7) Phenol-d6	6.492	99	603774	129.161	ng	0.00
23) Nitrobenzene-d5	7.410	82	418614	84.494	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	167014	141.779	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	788398	82.371	ng	0.00
79) Terphenyl-d14	12.957	244	727767	96.181	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	56715	20.088	ng	# 75
25) Isophorone	7.410	82	415685	49.136	ng	# 66
51) 2,6-Dinitrotoluene	9.880	165	18491	8.910	ng	# 21
57) 2,4-Dinitrotoluene	9.880	165	18491	6.984	ng	# 18
67) 4-Bromophenyl-phenylether	10.674	248	12327	5.446	ng	# 1
77) Benzidine	12.957	184	10024	3.308	ng	# 91

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

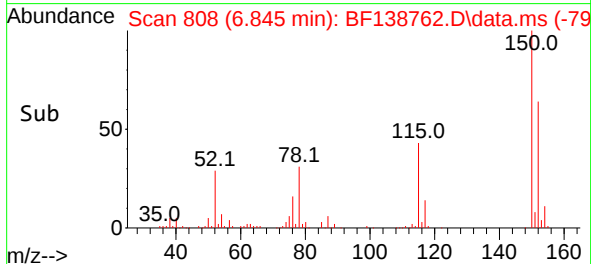
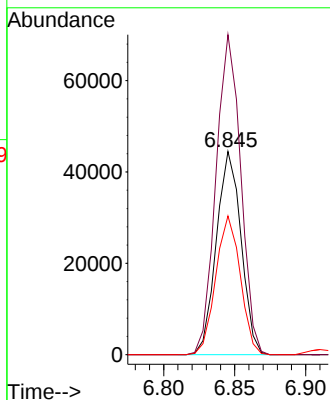
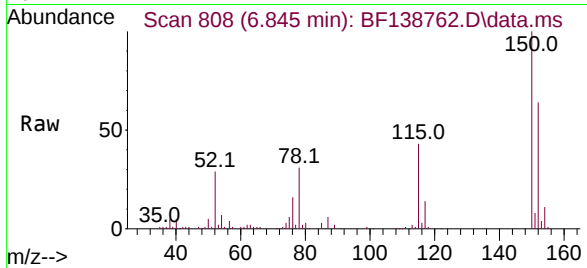




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138762.D
Acq: 03 Aug 2024 11:02

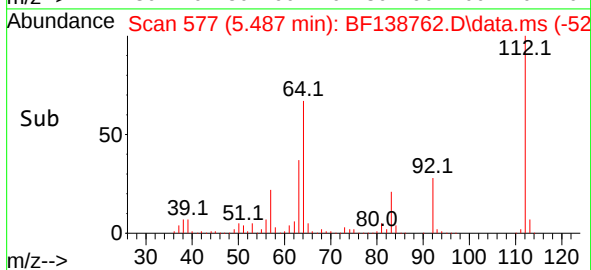
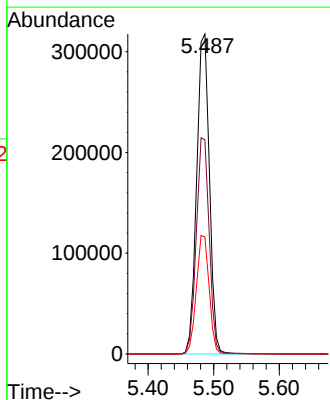
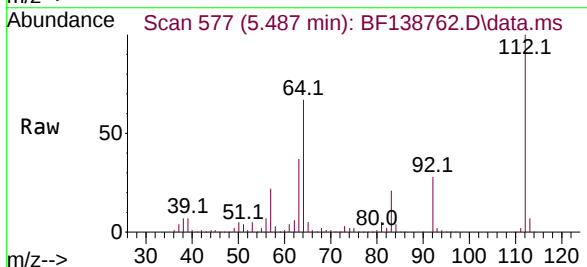
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-02-072324RX

Tgt Ion:152 Resp: 53746
Ion Ratio Lower Upper
152 100
150 157.5 126.0 189.0
115 68.2 51.7 77.5



#5
2-Fluorophenol
Concen: 123.791 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138762.D
Acq: 03 Aug 2024 11:02

Tgt Ion:112 Resp: 431008
Ion Ratio Lower Upper
112 100
64 66.9 54.2 81.4
63 36.6 28.7 43.1

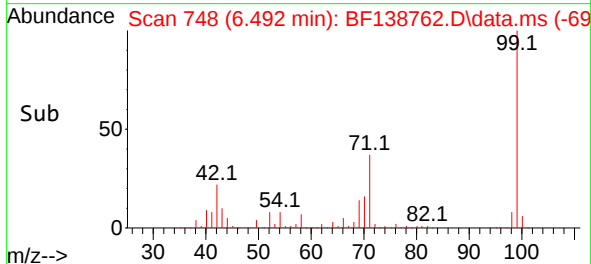
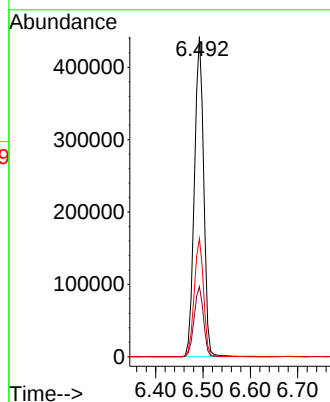
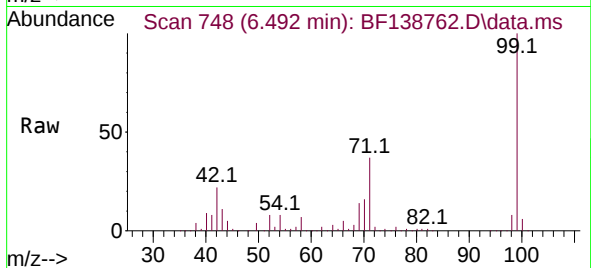




#7
Phenol-d6
Concen: 129.161 ng
RT: 6.492 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF138762.D
Acq: 03 Aug 2024 11:02

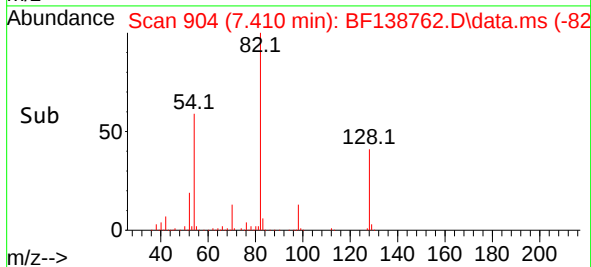
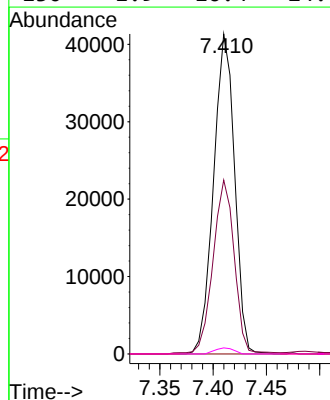
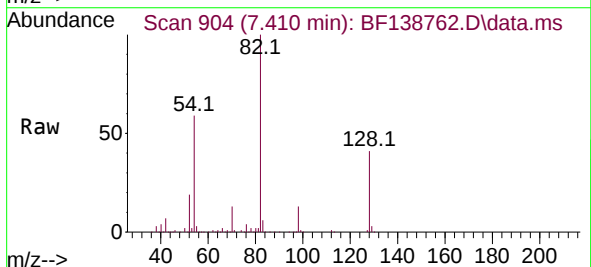
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-02-072324RX

Tgt Ion: 99 Resp: 603774
Ion Ratio Lower Upper
99 100
42 21.9 17.4 26.0
71 36.9 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 20.088 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138762.D
Acq: 03 Aug 2024 11:02

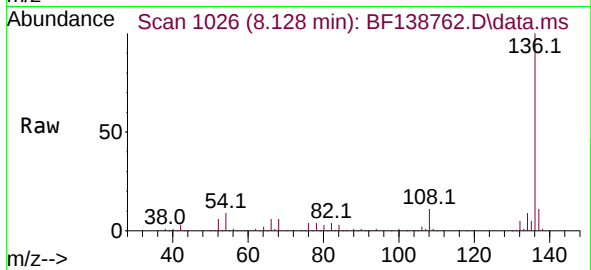
Tgt Ion: 70 Resp: 56715
Ion Ratio Lower Upper
70 100
42 54.4 57.4 86.0#
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#



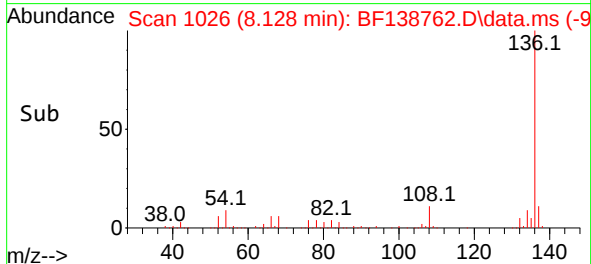
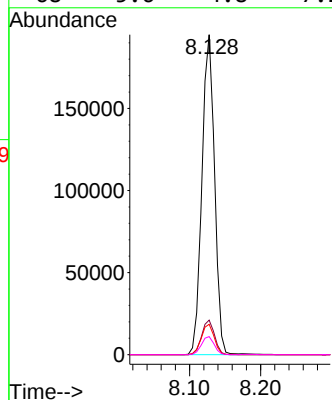


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138762.D
Acq: 03 Aug 2024 11:02

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-02-072324RX

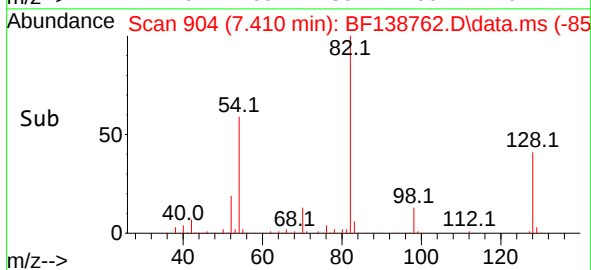
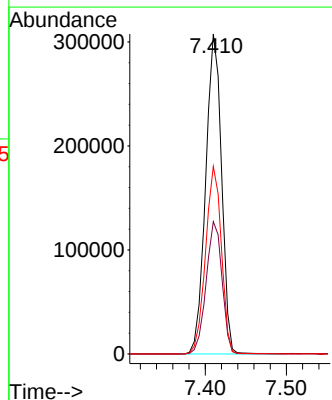
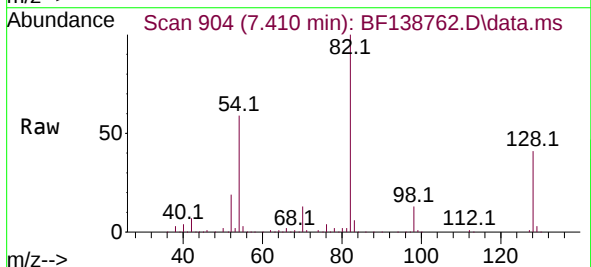


Tgt Ion:	136	Resp:	242226
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.5	8.6	12.8
68	5.6	4.8	7.2



#23
Nitrobenzene-d5
Concen: 84.494 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138762.D
Acq: 03 Aug 2024 11:02

Tgt Ion:	82	Resp:	418614
Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.8	49.2
54	58.6	48.3	72.5

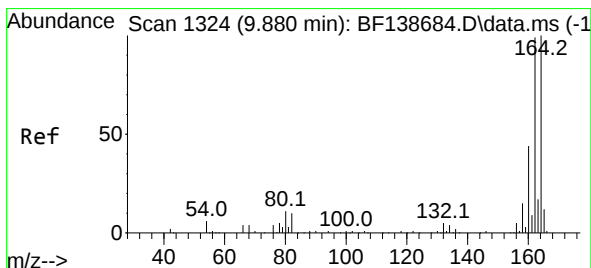
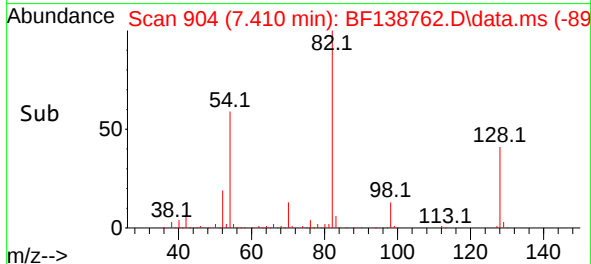
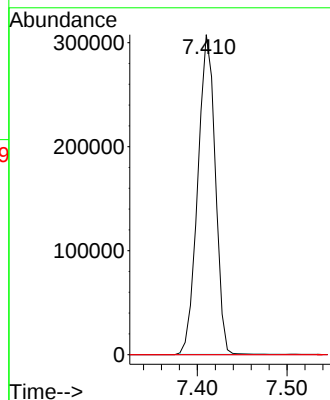
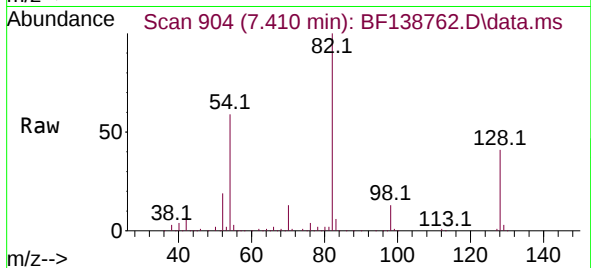




#25
Isophorone
Concen: 49.136 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF138762.D
Acq: 03 Aug 2024 11:02

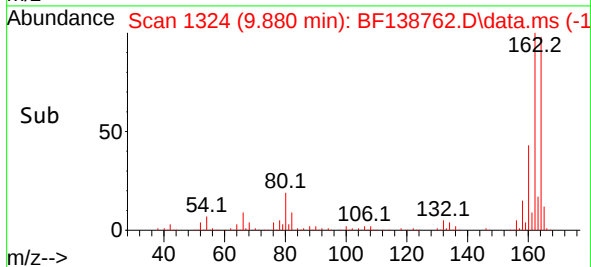
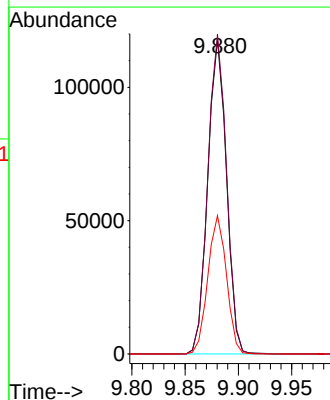
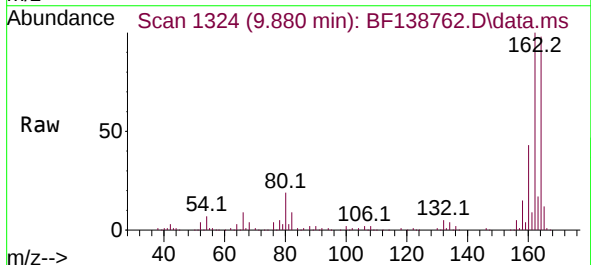
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-02-072324RX

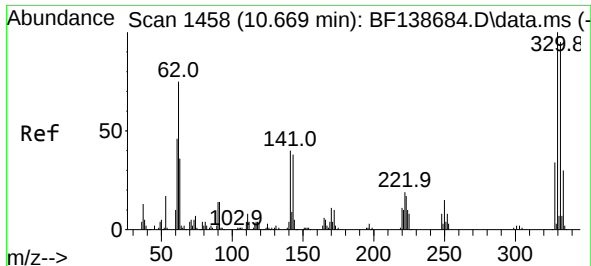
Tgt Ion: 82 Resp: 415685
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF138762.D
Acq: 03 Aug 2024 11:02

Tgt Ion:164 Resp: 143809
Ion Ratio Lower Upper
164 100
162 101.8 79.4 119.0
160 44.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 141.779 ng

RT: 10.674 min Scan# 1458

Delta R.T. 0.006 min

Lab File: BF138762.D

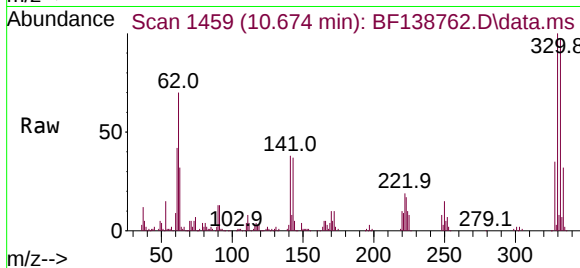
Acq: 03 Aug 2024 11:02

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-02-072324RX



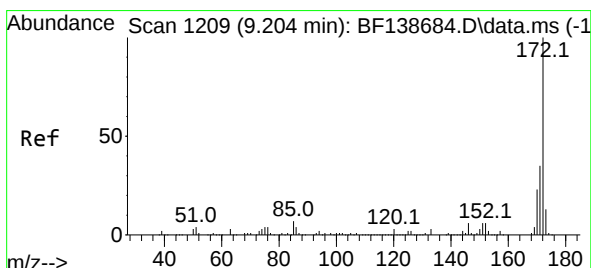
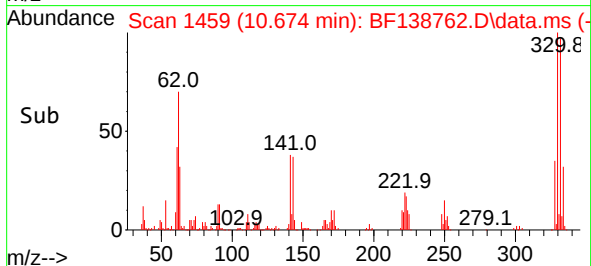
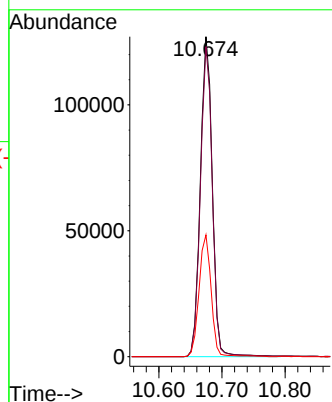
Tgt Ion:330 Resp: 167014

Ion Ratio Lower Upper

330 100

332 96.5 76.4 114.6

141 38.6 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 82.371 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF138762.D

Acq: 03 Aug 2024 11:02

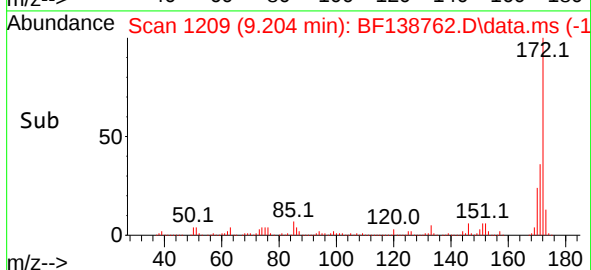
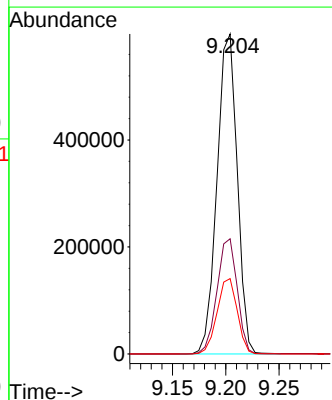
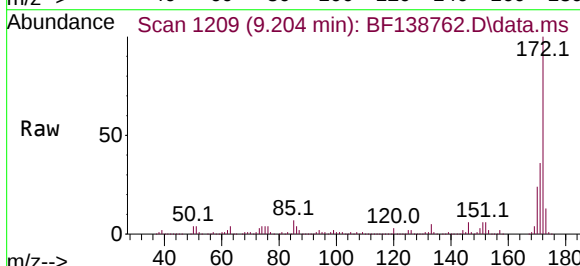
Tgt Ion:172 Resp: 788398

Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.5 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.910 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF138762.D

Acq: 03 Aug 2024 11:02

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-02-072324RX

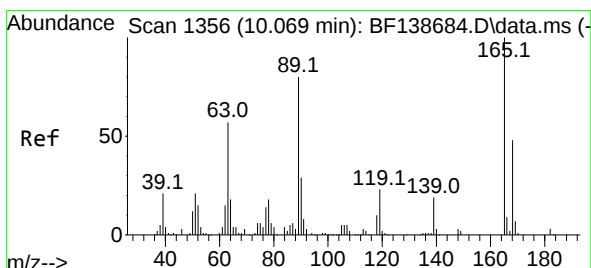
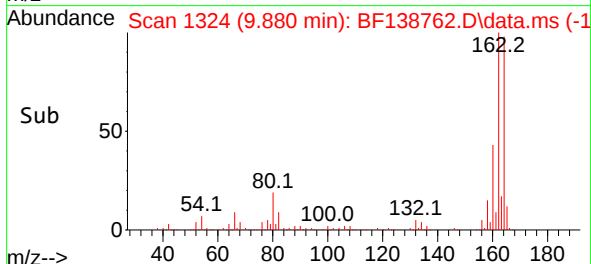
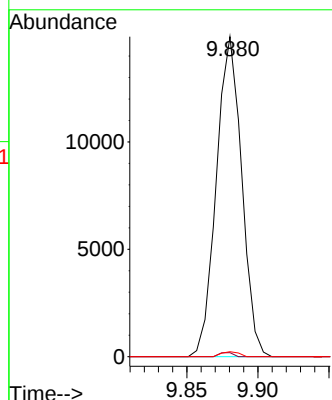
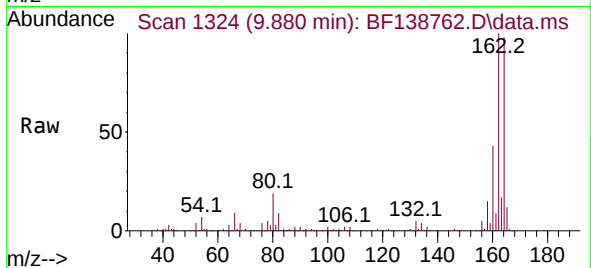
Tgt Ion:165 Resp: 18491

Ion Ratio Lower Upper

165 100

63 1.3 52.0 78.0#

89 1.5 47.0 70.6#



#57

2,4-Dinitrotoluene

Concen: 6.984 ng

RT: 9.880 min Scan# 1324

Delta R.T. -0.188 min

Lab File: BF138762.D

Acq: 03 Aug 2024 11:02

Tgt Ion:165 Resp: 18491

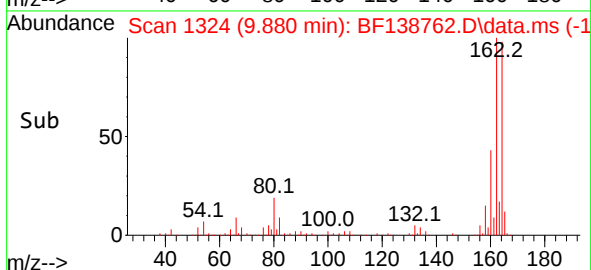
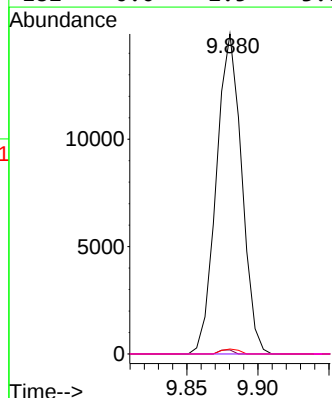
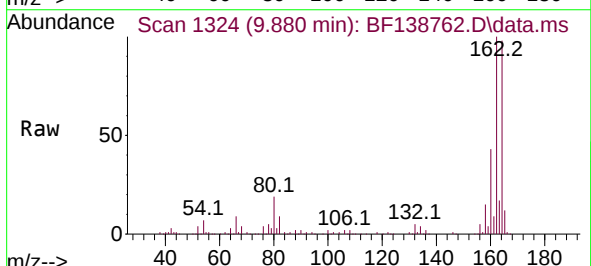
Ion Ratio Lower Upper

165 100

63 1.3 46.3 69.5#

89 1.5 64.2 96.4#

182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138762.D

Acq: 03 Aug 2024 11:02

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-02-072324RX

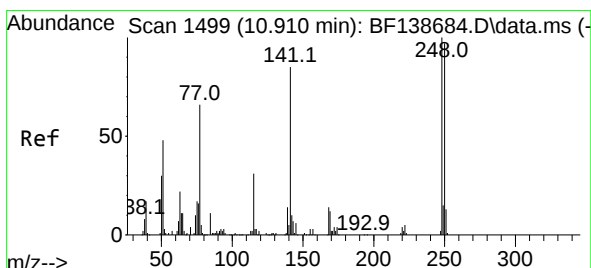
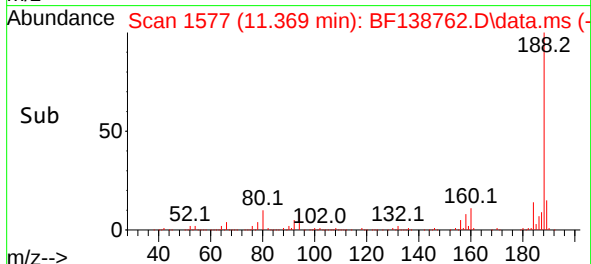
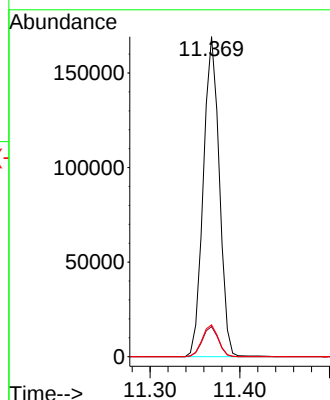
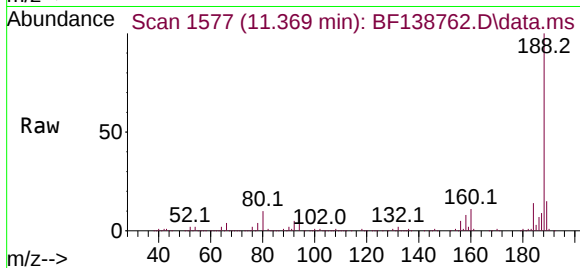
Tgt Ion:188 Resp: 209060

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 9.9 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 5.446 ng

RT: 10.674 min Scan# 1459

Delta R.T. -0.235 min

Lab File: BF138762.D

Acq: 03 Aug 2024 11:02

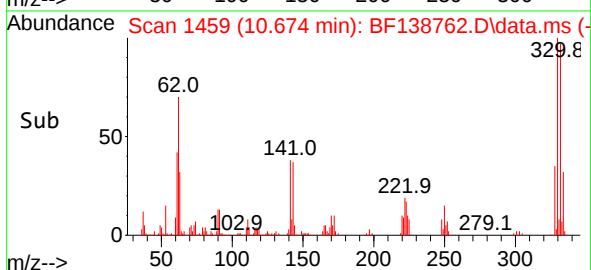
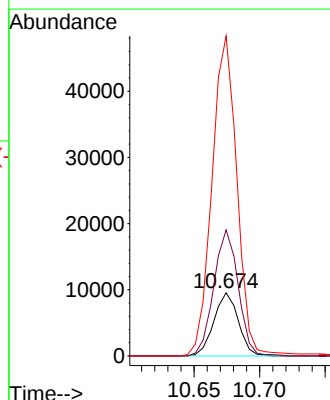
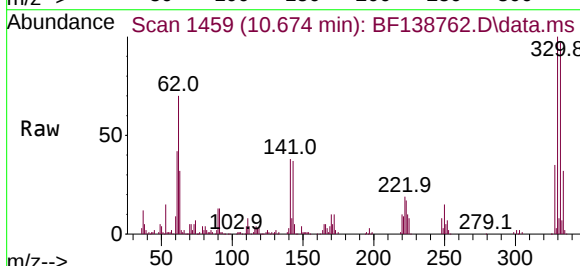
Tgt Ion:248 Resp: 12327

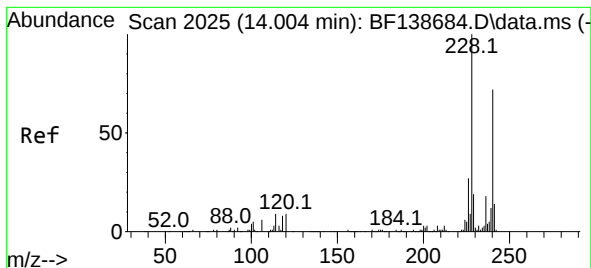
Ion Ratio Lower Upper

248 100

250 199.6 77.7 116.5#

141 506.8 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF138762.D

Acq: 03 Aug 2024 11:02

Instrument :

BNA_F

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OU4-PCS-02-072324RX

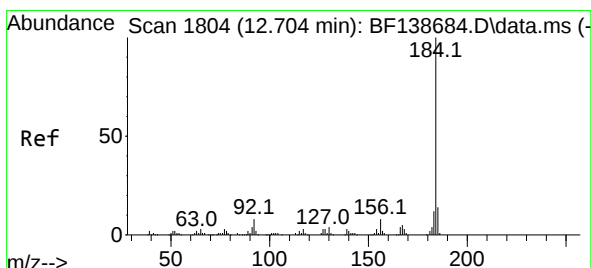
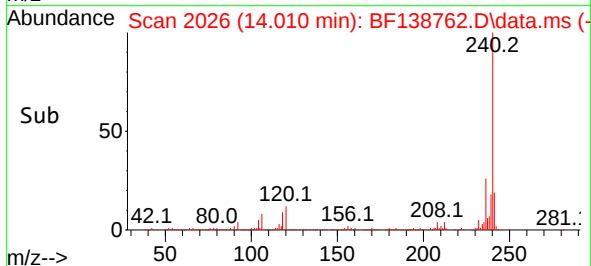
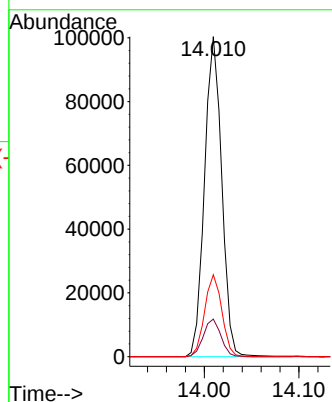
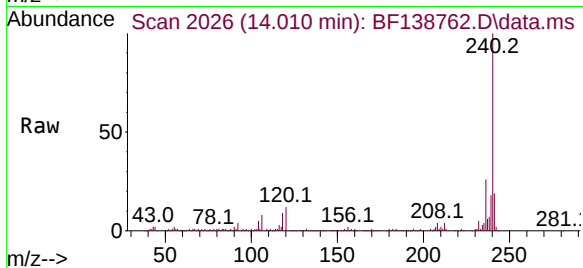
Tgt Ion:240 Resp: 126686

Ion Ratio Lower Upper

240 100

120 11.8 10.2 15.4

236 25.6 19.8 29.8



#77

Benzidine

Concen: 3.308 ng

RT: 12.957 min Scan# 1847

Delta R.T. 0.253 min

Lab File: BF138762.D

Acq: 03 Aug 2024 11:02

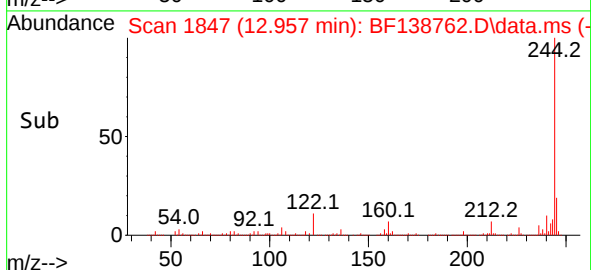
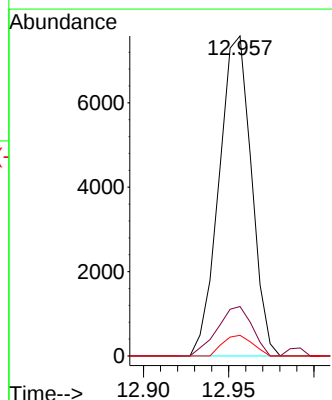
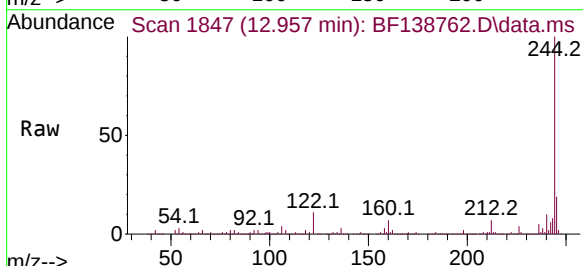
Tgt Ion:184 Resp: 10024

Ion Ratio Lower Upper

184 100

185 15.5 11.1 16.7

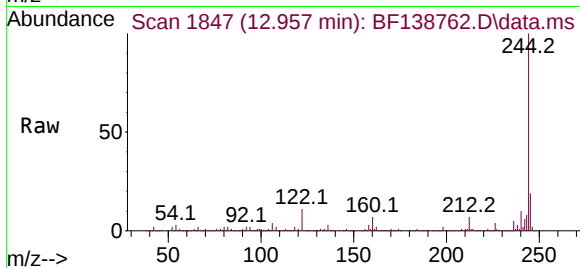
183 6.4 9.6 14.4#





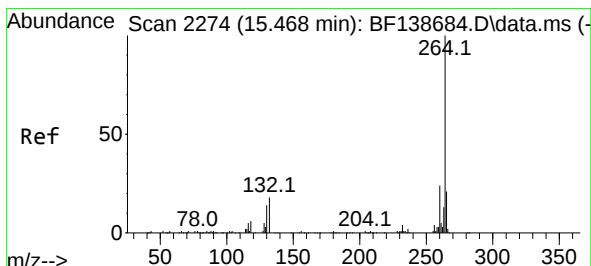
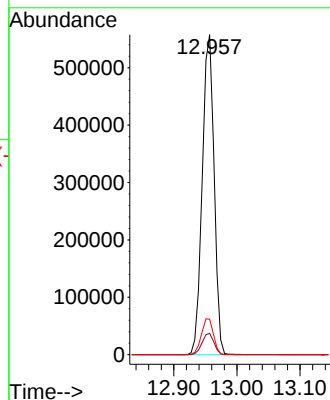
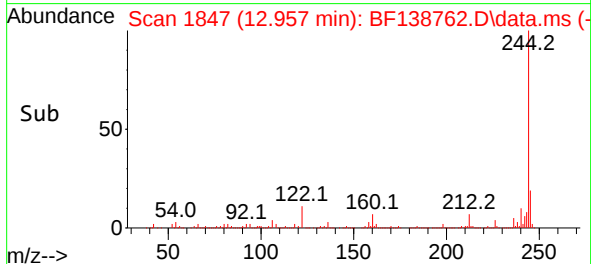
#79
 Terphenyl-d14
 Concen: 96.181 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF138762.D
 Acq: 03 Aug 2024 11:02

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-02-072324RX



Tgt Ion:244 Resp: 727767

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	11.1	9.6	14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2276
 Delta R.T. 0.012 min
 Lab File: BF138762.D
 Acq: 03 Aug 2024 11:02

Tgt Ion:264 Resp: 130904

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.6
265	21.1	17.0	25.6

