

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
 Data File : BF138723.D
 Acq On : 01 Aug 2024 14:23
 Operator : RC/JU
 Sample : P3379-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-05-072324

Quant Time: Aug 01 14:52:54 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)

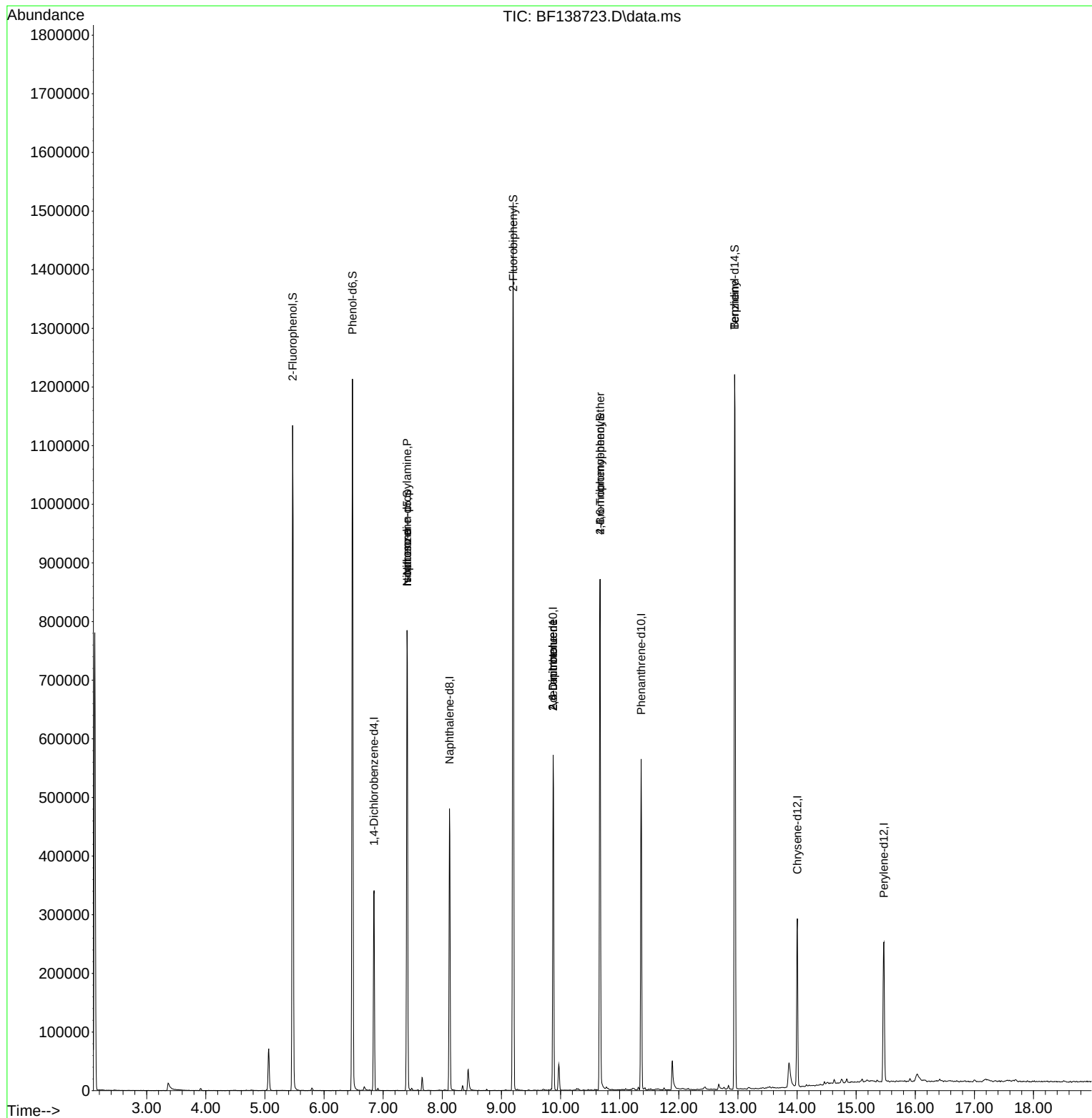
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	67508	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	286605	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	166107	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	277432	20.000	ng	0.00
76) Chrysene-d12	14.004	240	128218	20.000	ng	0.00
86) Perylene-d12	15.468	264	134000	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	381085	87.140	ng	0.00
7) Phenol-d6	6.481	99	532846	90.750	ng	0.00
23) Nitrobenzene-d5	7.404	82	342097	58.358	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	129427	95.122	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	620750	56.149	ng	0.00
79) Terphenyl-d14	12.945	244	587091	76.662	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	46147	13.013	ng	# 75
25) Isophorone	7.404	82	340299	33.997	ng	# 66
51) 2,6-Dinitrotoluene	9.875	165	21051	8.782	ng	# 21
57) 2,4-Dinitrotoluene	9.875	165	21051	6.884	ng	# 18
67) 4-Bromophenyl-phenylether	10.669	248	9276	3.088	ng	# 1
77) Benzidine	12.945	184	7851	2.560	ng	# 92

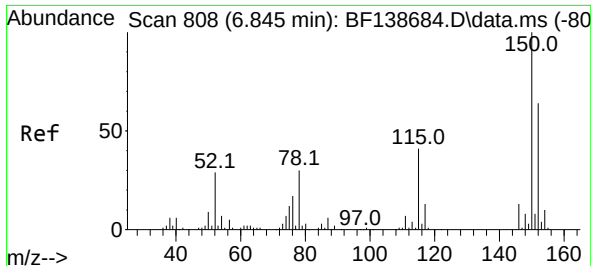
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
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OU4-PCS-05-072324

Quant Time: Aug 01 14:52:54 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

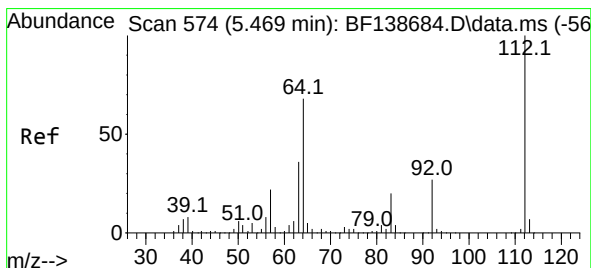
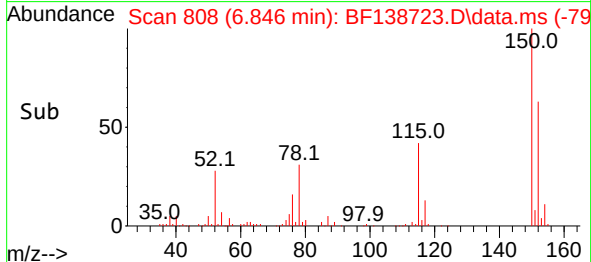
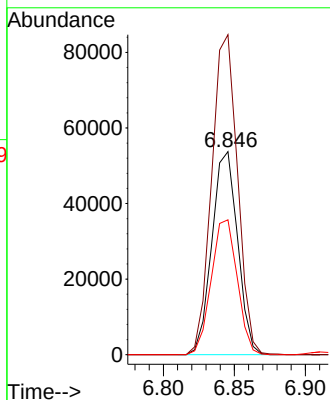
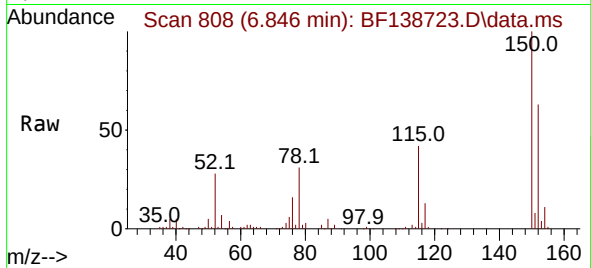




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 808
Delta R.T. 0.001 min
Lab File: BF138723.D
Acq: 01 Aug 2024 14:23

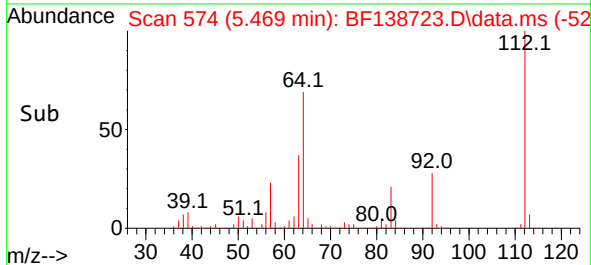
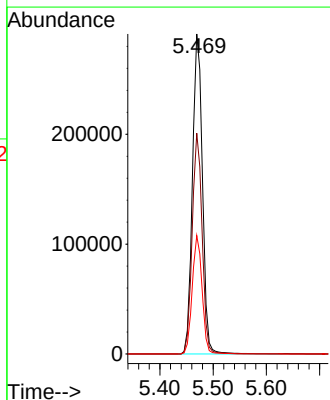
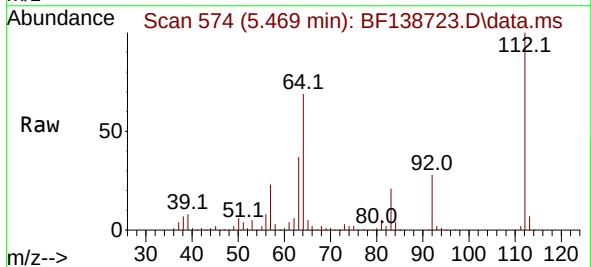
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-05-072324

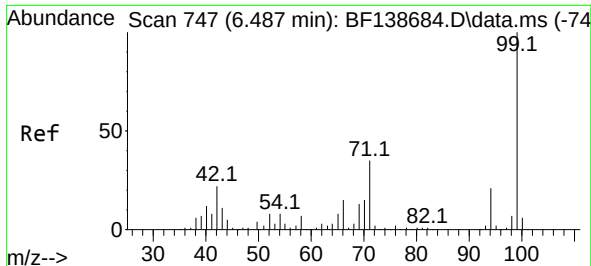
Tgt Ion:152 Resp: 67508
Ion Ratio Lower Upper
152 100
150 157.6 126.0 189.0
115 66.4 51.7 77.5



#5
2-Fluorophenol
Concen: 87.140 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138723.D
Acq: 01 Aug 2024 14:23

Tgt Ion:112 Resp: 381085
Ion Ratio Lower Upper
112 100
64 69.0 54.2 81.4
63 37.0 28.7 43.1

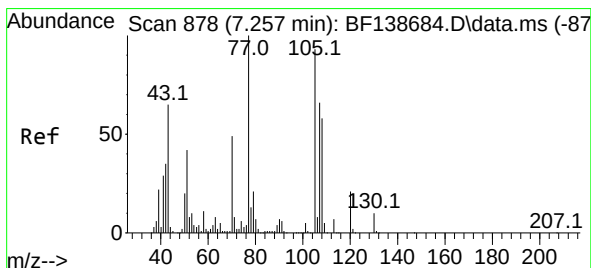
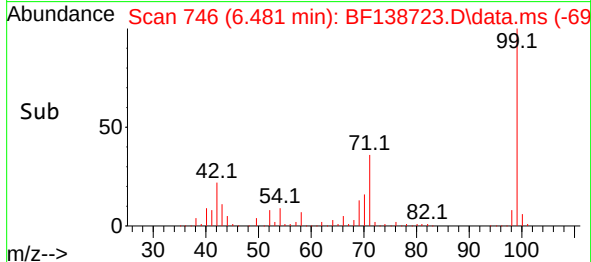
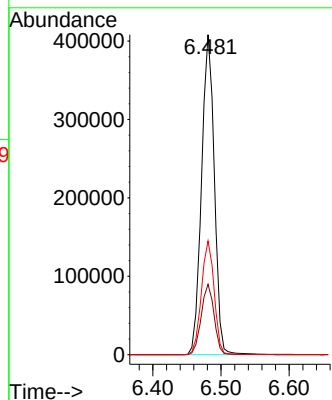
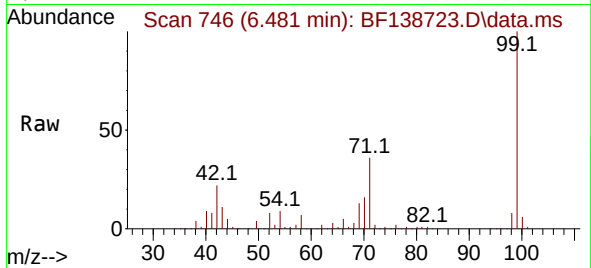




#7
Phenol-d6
Concen: 90.750 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138723.D
Acq: 01 Aug 2024 14:23

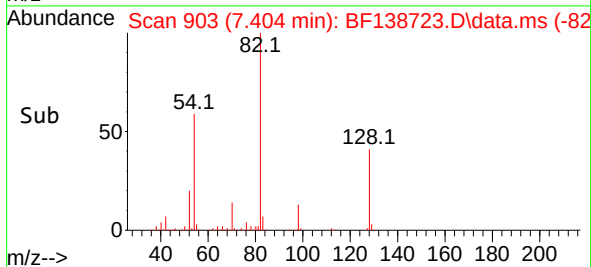
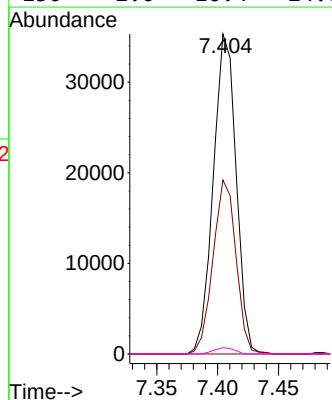
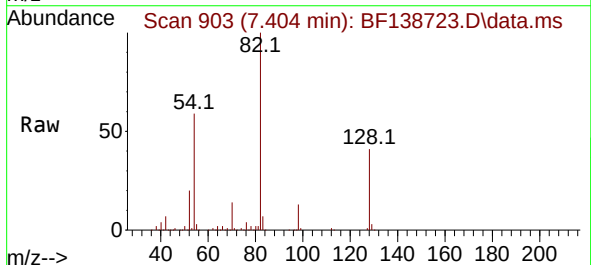
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-05-072324

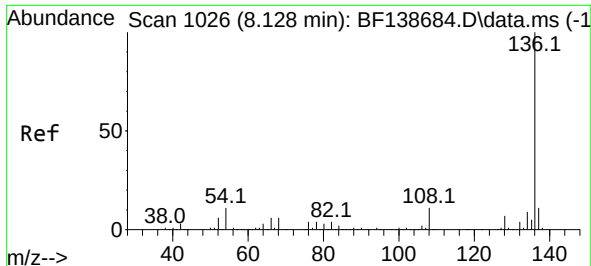
Tgt Ion: 99 Resp: 532846
Ion Ratio Lower Upper
99 100
42 22.0 17.4 26.0
71 35.5 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 13.013 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138723.D
Acq: 01 Aug 2024 14:23

Tgt Ion: 70 Resp: 46147
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#

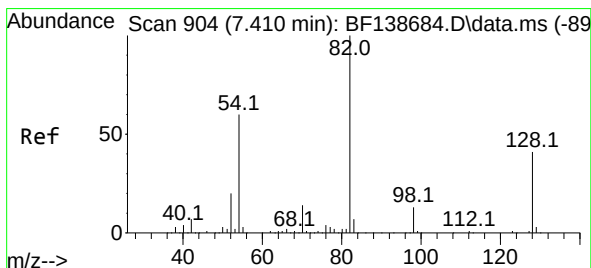
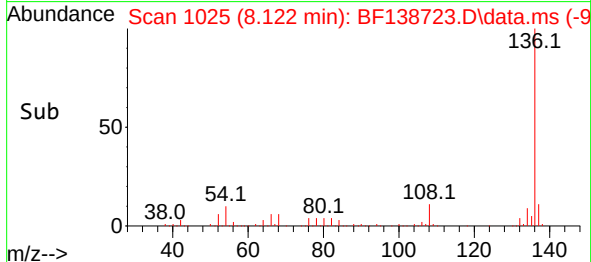
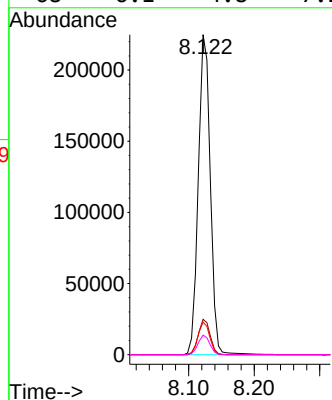
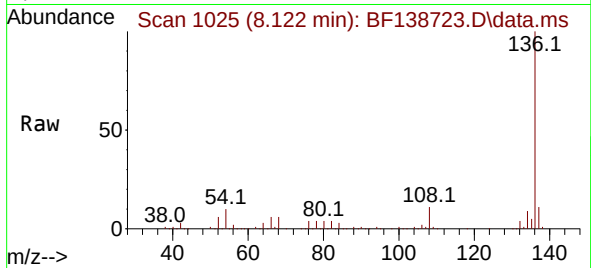




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138723.D
Acq: 01 Aug 2024 14:23

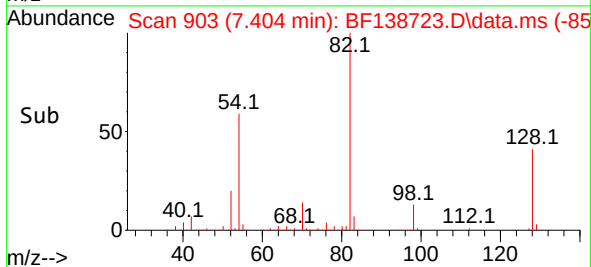
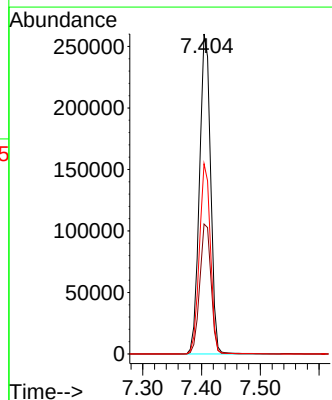
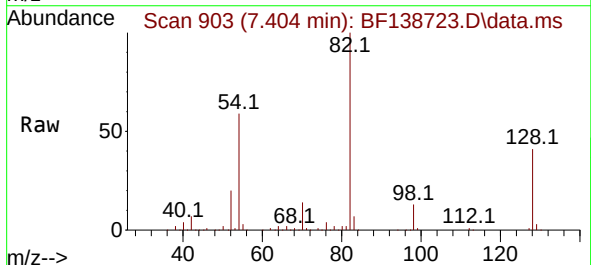
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-05-072324

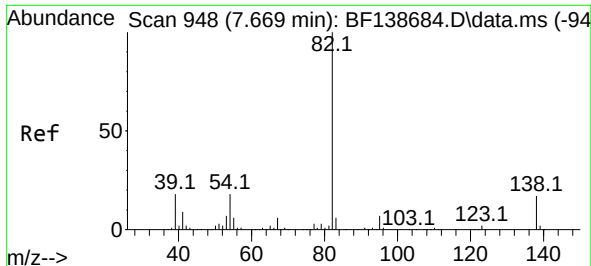
Tgt Ion:136 Resp: 286605
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.2 8.6 12.8
68 6.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 58.358 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138723.D
Acq: 01 Aug 2024 14:23

Tgt Ion: 82 Resp: 342097
Ion Ratio Lower Upper
82 100
128 40.6 32.8 49.2
54 59.5 48.3 72.5

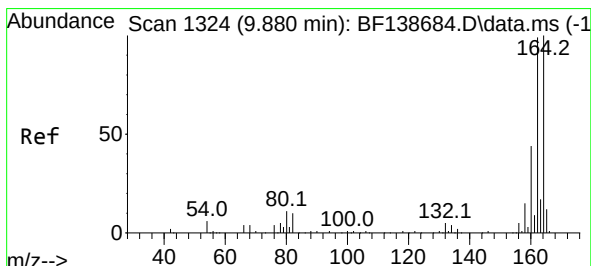
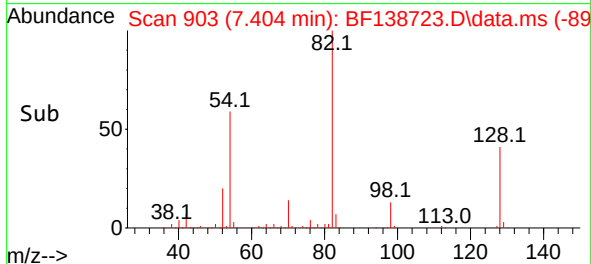
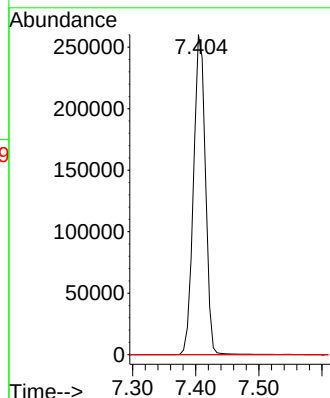
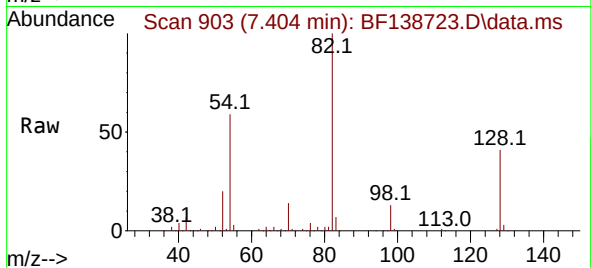




#25
Isophorone
Concen: 33.997 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138723.D
Acq: 01 Aug 2024 14:23

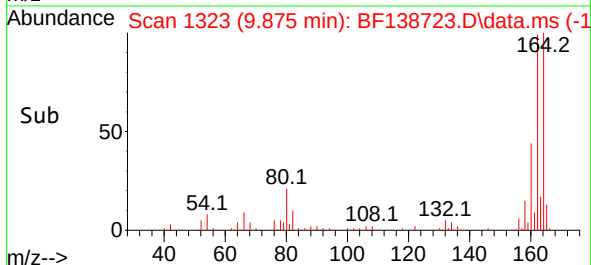
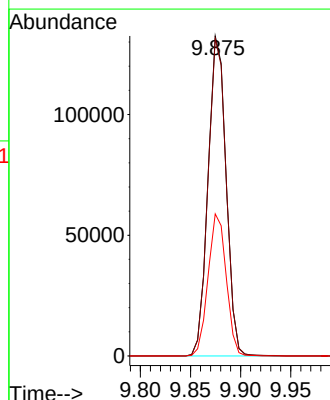
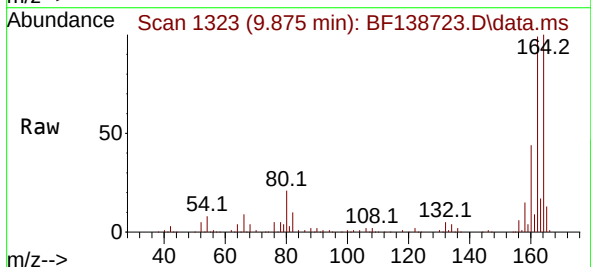
Instrument :
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ClientSampleId :
OU4-PCS-05-072324

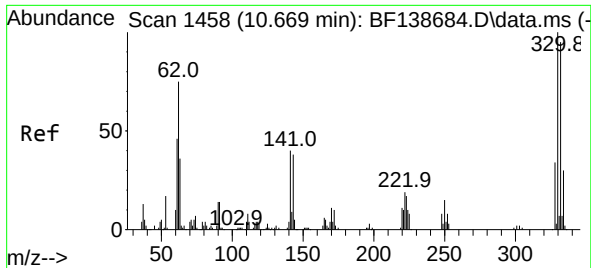
Tgt Ion: 82 Resp: 340299
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138723.D
Acq: 01 Aug 2024 14:23

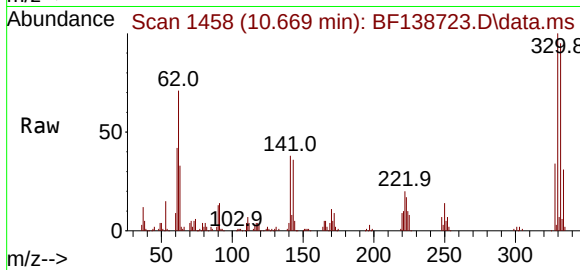
Tgt Ion:164 Resp: 166107
Ion Ratio Lower Upper
164 100
162 99.2 79.4 119.0
160 44.4 35.1 52.7



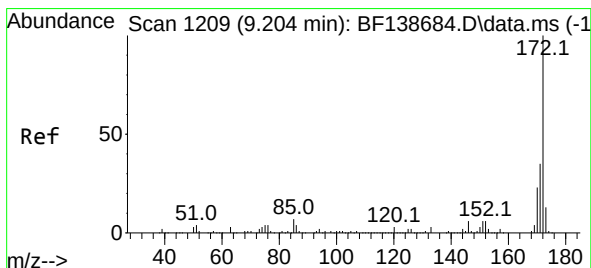
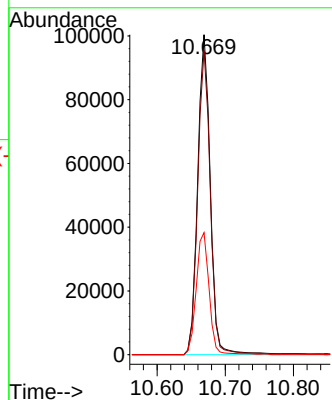
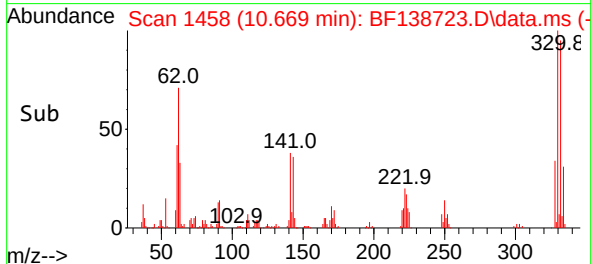


#42
2,4,6-Tribromophenol
Concen: 95.122 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138723.D
Acq: 01 Aug 2024 14:23

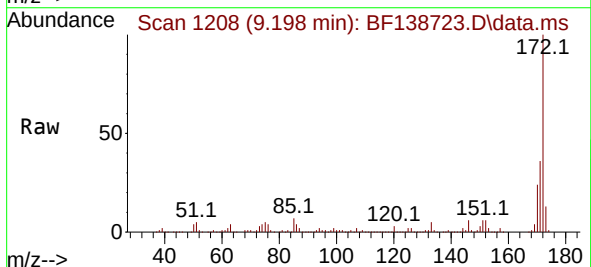
Instrument :
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ClientSampleId :
OU4-PCS-05-072324



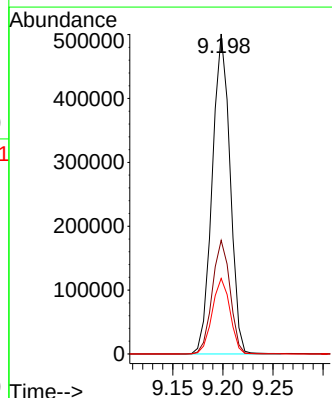
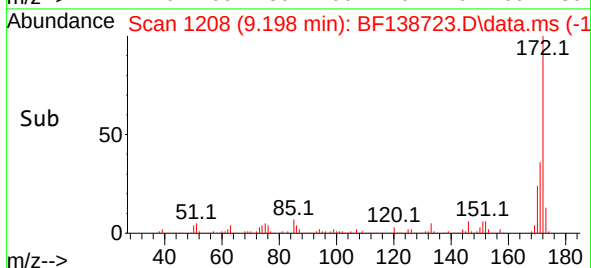
Tgt Ion: 330 Resp: 129427
Ion Ratio Lower Upper
330 100
332 94.6 76.4 114.6
141 39.0 31.1 46.7

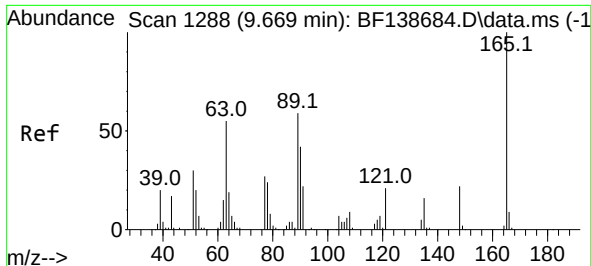


#45
2-Fluorobiphenyl
Concen: 56.149 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138723.D
Acq: 01 Aug 2024 14:23



Tgt Ion: 172 Resp: 620750
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.6 18.8 28.2

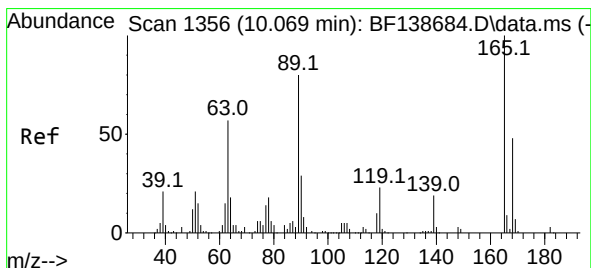
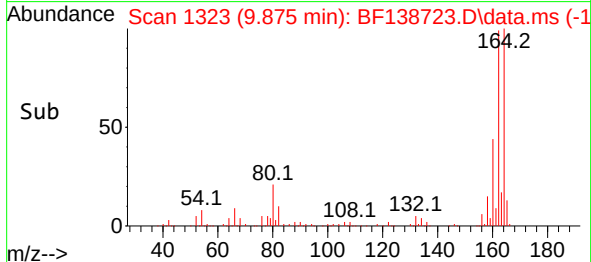
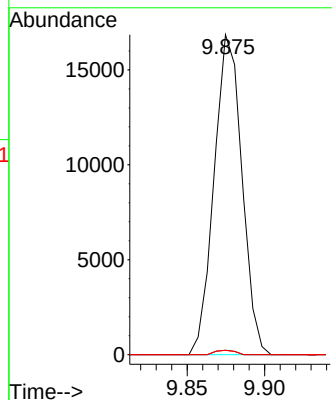
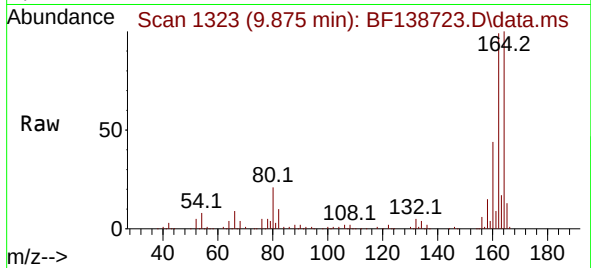




#51
2,6-Dinitrotoluene
Concen: 8.782 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138723.D
Acq: 01 Aug 2024 14:23

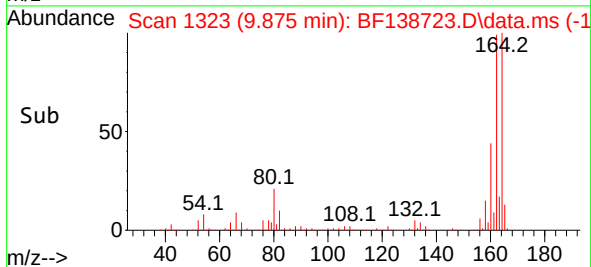
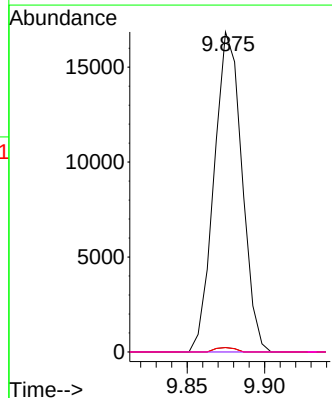
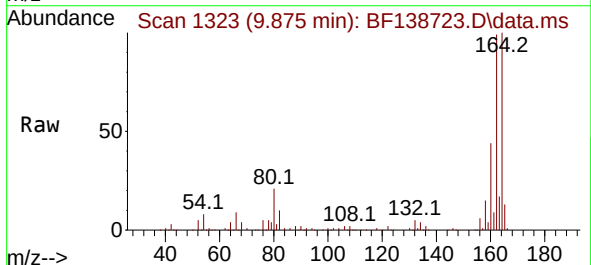
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-05-072324

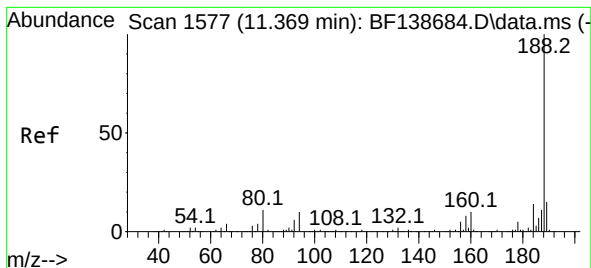
Tgt Ion:165 Resp: 21051
Ion Ratio Lower Upper
165 100
63 1.4 52.0 78.0#
89 1.4 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.884 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138723.D
Acq: 01 Aug 2024 14:23

Tgt Ion:165 Resp: 21051
Ion Ratio Lower Upper
165 100
63 1.4 46.3 69.5#
89 1.4 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: BF138723.D

Acq: 01 Aug 2024 14:23

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-05-072324

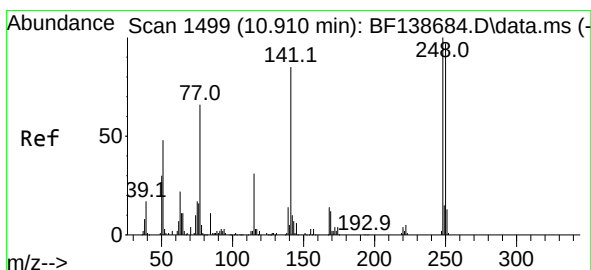
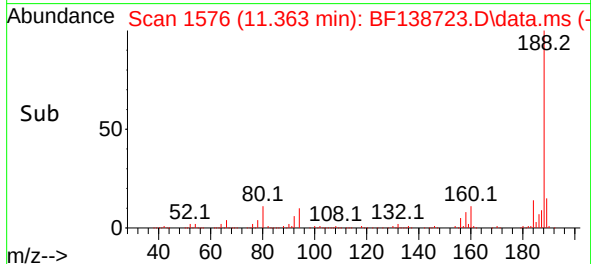
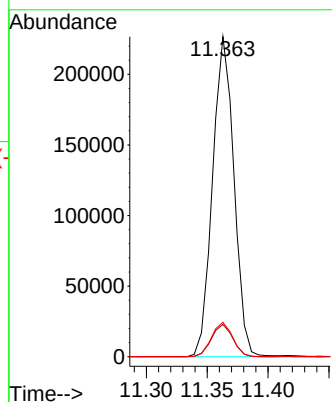
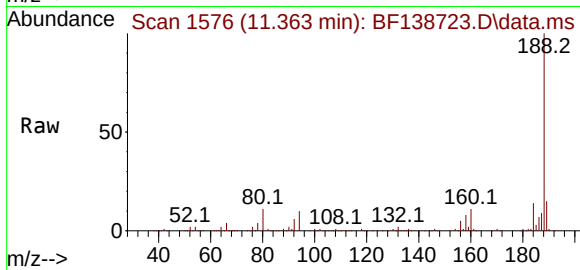
Tgt Ion:188 Resp: 277432

Ion Ratio Lower Upper

188 100

94 10.1 7.6 11.4

80 10.7 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 3.088 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138723.D

Acq: 01 Aug 2024 14:23

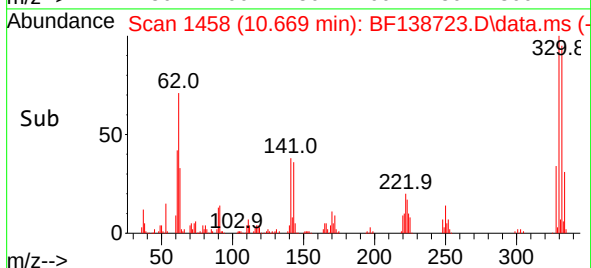
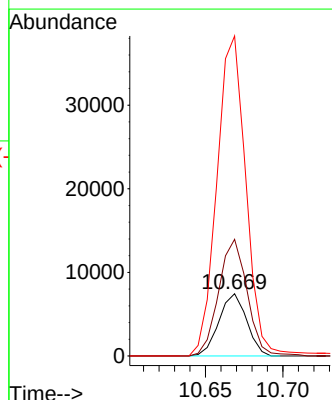
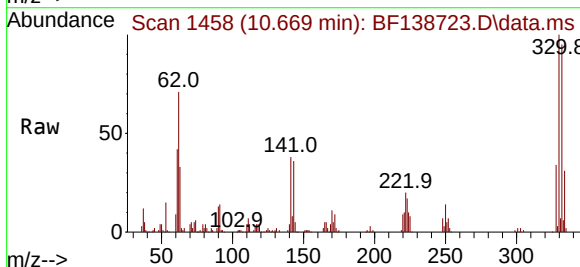
Tgt Ion:248 Resp: 9276

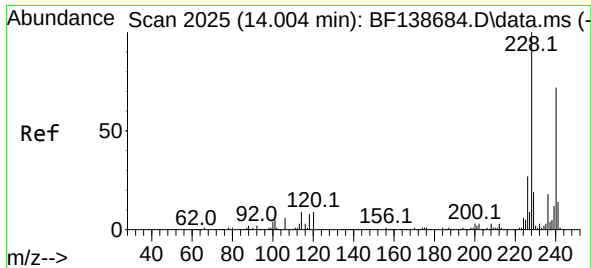
Ion Ratio Lower Upper

248 100

250 187.5 77.7 116.5#

141 514.6 68.0 102.0#

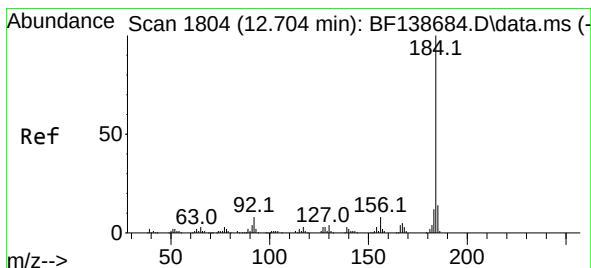
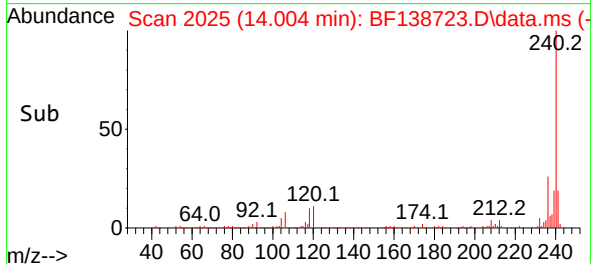
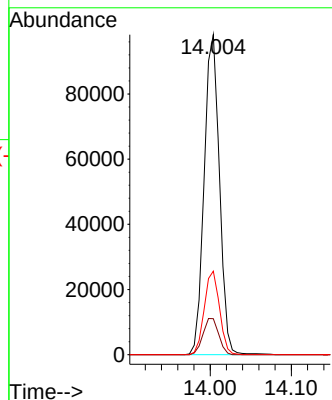
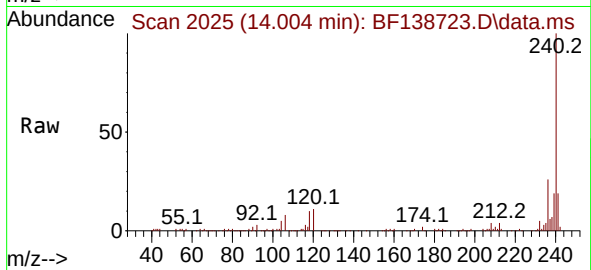




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF138723.D
Acq: 01 Aug 2024 14:23

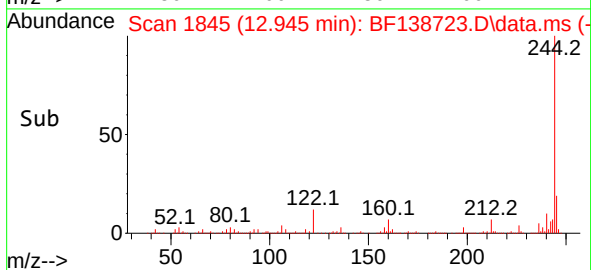
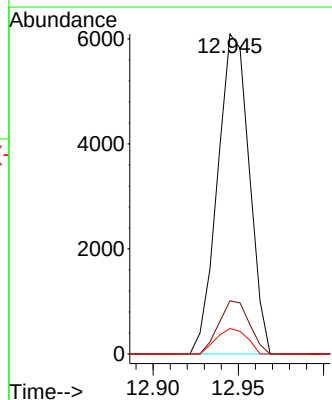
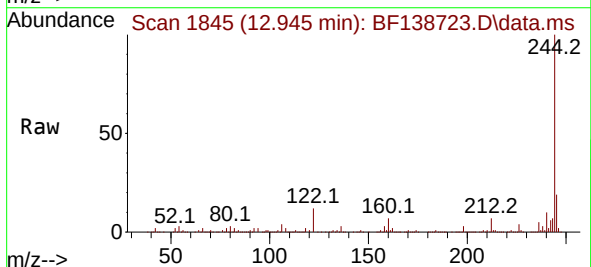
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-05-072324

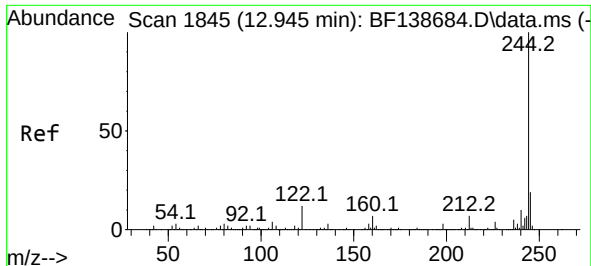
Tgt Ion:240 Resp: 128218
Ion Ratio Lower Upper
240 100
120 11.2 10.2 15.4
236 26.1 19.8 29.8



#77
Benzidine
Concen: 2.560 ng
RT: 12.945 min Scan# 1845
Delta R.T. 0.241 min
Lab File: BF138723.D
Acq: 01 Aug 2024 14:23

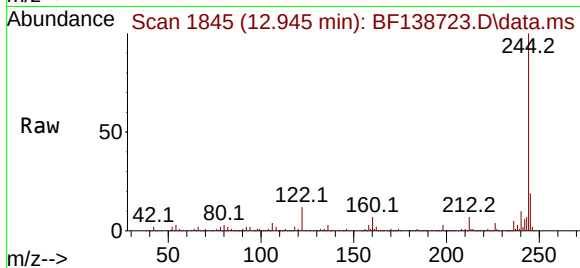
Tgt Ion:184 Resp: 7851
Ion Ratio Lower Upper
184 100
185 16.6 11.1 16.7
183 7.9 9.6 14.4#



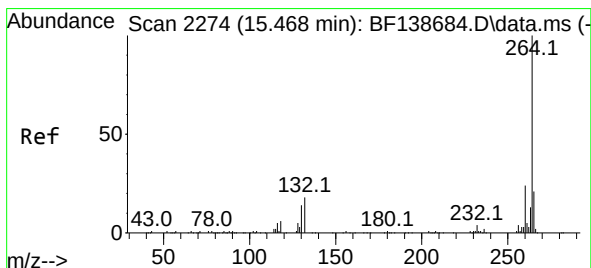
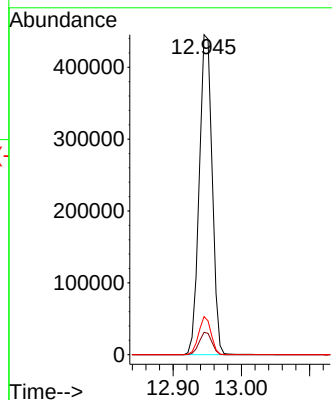
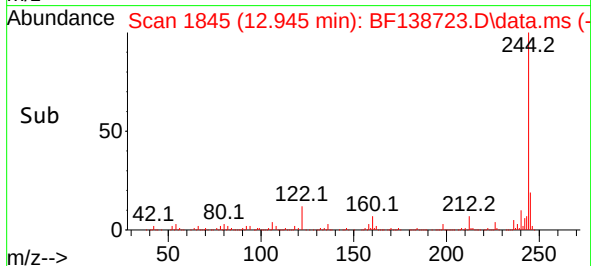


#79
 Terphenyl-d14
 Concen: 76.662 ng
 RT: 12.945 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: BF138723.D
 Acq: 01 Aug 2024 14:23

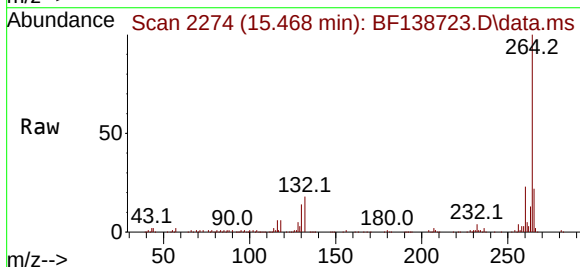
Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-05-072324



Tgt Ion:244 Resp: 587091
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.9 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: BF138723.D
 Acq: 01 Aug 2024 14:23



Tgt Ion:264 Resp: 134000
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 21.8 17.0 25.6

