

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
 Data File : BF138725.D
 Acq On : 01 Aug 2024 15:25
 Operator : RC/JU
 Sample : P3379-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-02-072324

Quant Time: Aug 01 16:01:10 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)

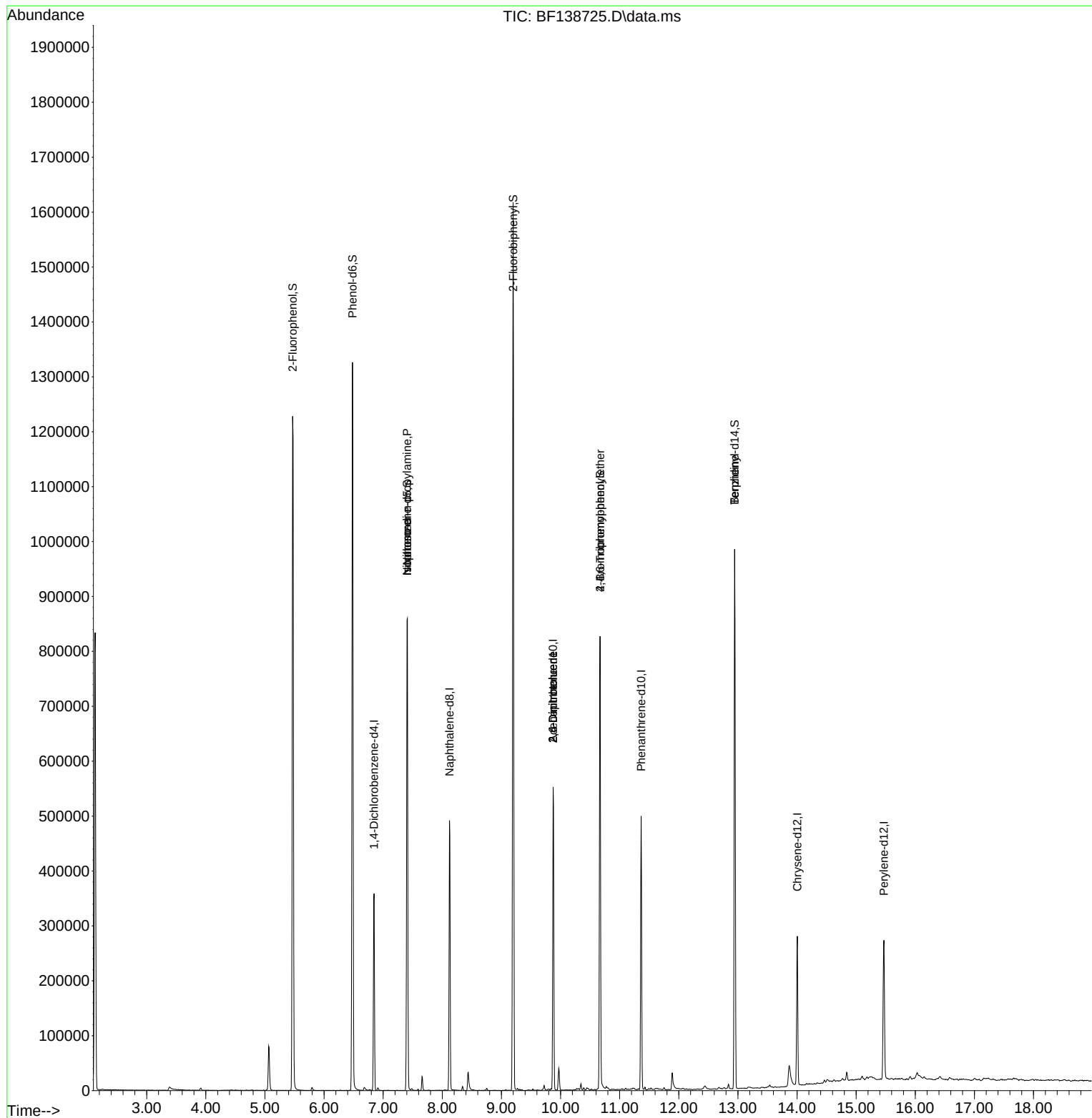
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	71267	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	296462	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	162407	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	244862	20.000	ng	0.00
76) Chrysene-d12	14.004	240	123938	20.000	ng	0.00
86) Perylene-d12	15.468	264	140134	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	431775	93.523	ng	0.00
7) Phenol-d6	6.481	99	591280	95.391	ng	0.00
23) Nitrobenzene-d5	7.404	82	390076	64.330	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	121366	91.230	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	662106	61.254	ng	0.00
79) Terphenyl-d14	12.945	244	455383	61.517	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	52536	14.033	ng	# 74
25) Isophorone	7.404	82	388030	37.476	ng	# 66
51) 2,6-Dinitrotoluene	9.875	165	21126	9.014	ng	# 21
57) 2,4-Dinitrotoluene	9.875	165	21126	7.065	ng	# 18
67) 4-Bromophenyl-phenylether	10.669	248	8695	3.280	ng	# 1
77) Benzidine	12.945	184	6033	2.035	ng	# 86

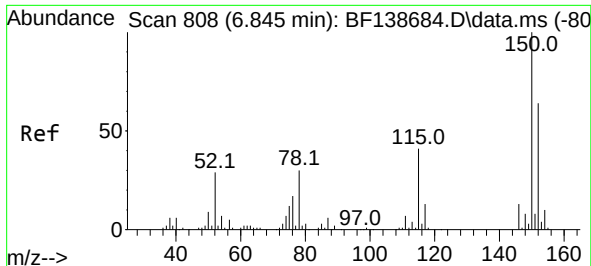
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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OU4-VSL-02-072324

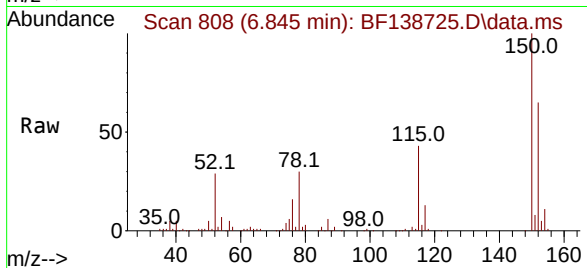
Quant Time: Aug 01 16:01:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration



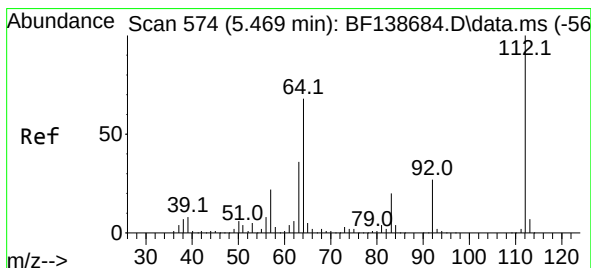
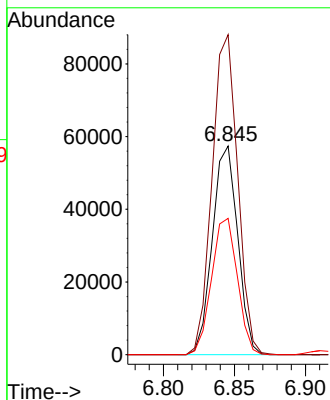
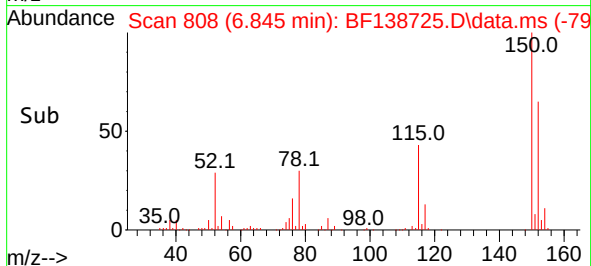


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138725.D
Acq: 01 Aug 2024 15:25

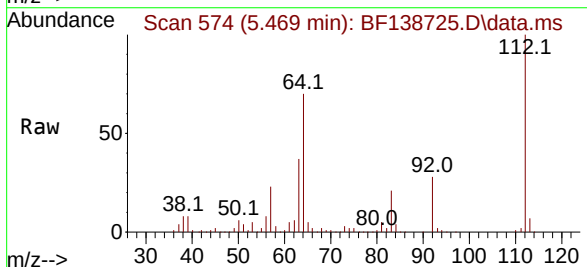
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-02-072324



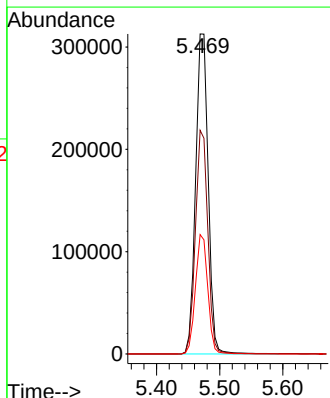
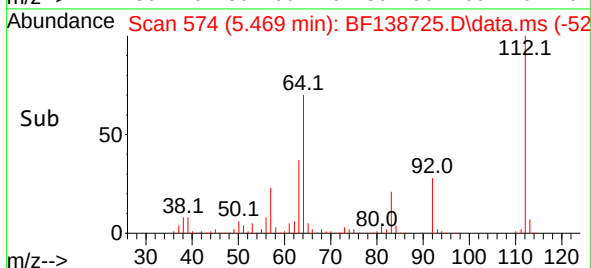
Tgt Ion:152 Resp: 71267
Ion Ratio Lower Upper
152 100
150 153.4 126.0 189.0
115 65.4 51.7 77.5

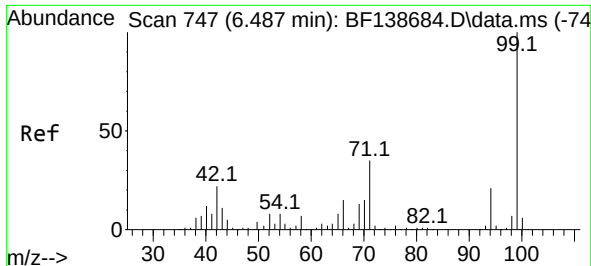


#5
2-Fluorophenol
Concen: 93.523 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138725.D
Acq: 01 Aug 2024 15:25



Tgt Ion:112 Resp: 431775
Ion Ratio Lower Upper
112 100
64 69.9 54.2 81.4
63 37.3 28.7 43.1

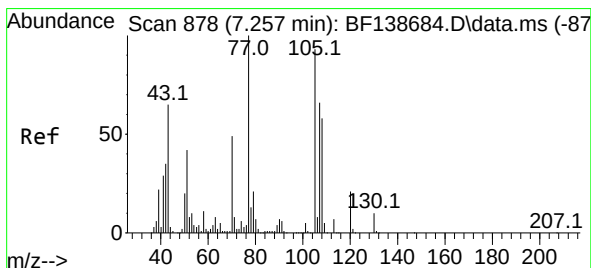
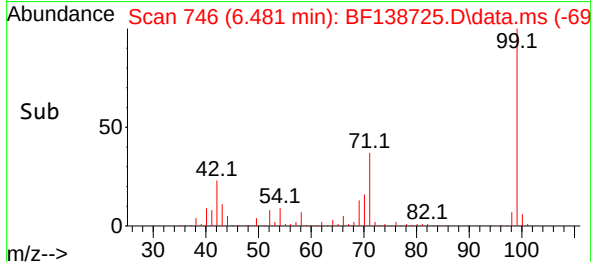
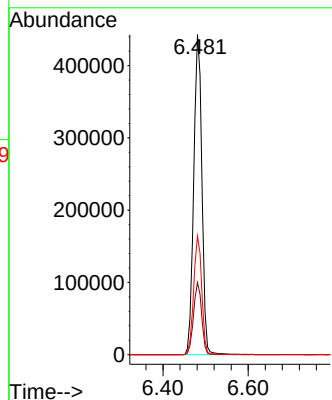
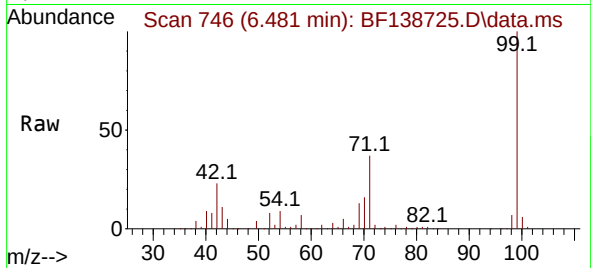




#7
Phenol-d6
Concen: 95.391 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138725.D
Acq: 01 Aug 2024 15:25

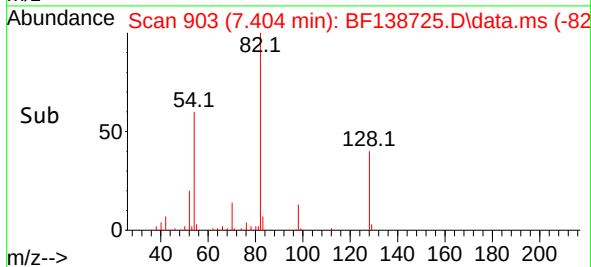
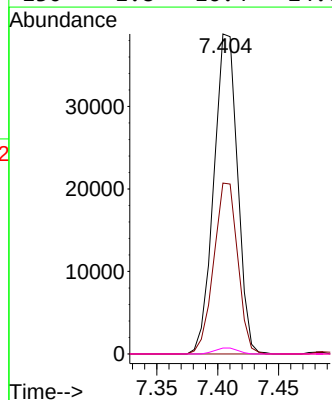
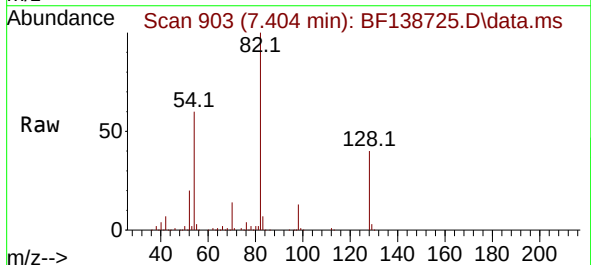
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-02-072324

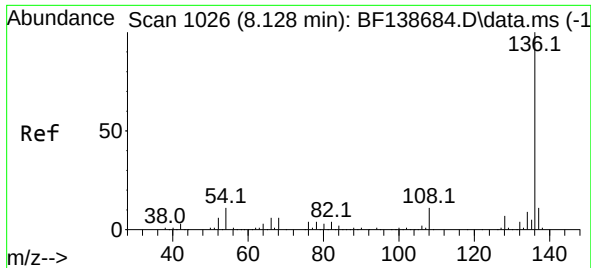
Tgt Ion: 99 Resp: 591280
Ion Ratio Lower Upper
99 100
42 22.6 17.4 26.0
71 37.1 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 14.033 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138725.D
Acq: 01 Aug 2024 15:25

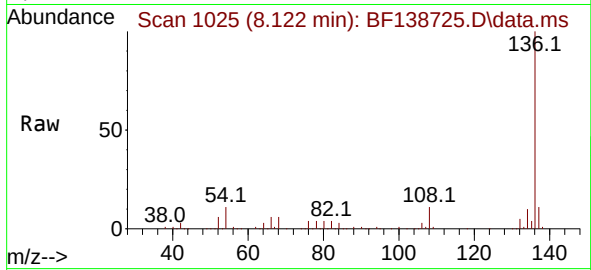
Tgt Ion: 70 Resp: 52536
Ion Ratio Lower Upper
70 100
42 53.4 57.4 86.0#
101 0.0 7.5 11.3#
130 1.8 16.4 24.6#



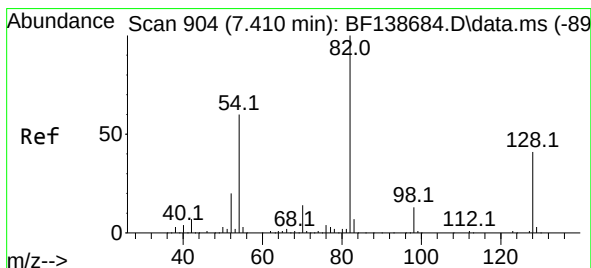
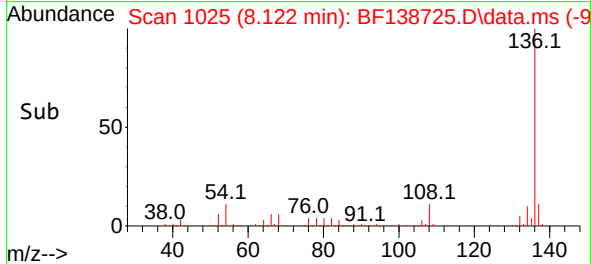
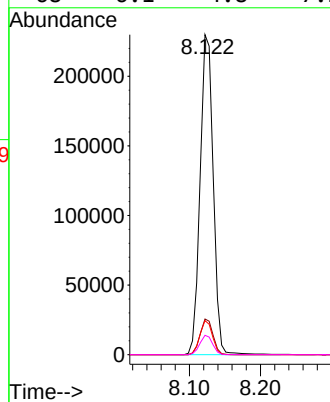


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138725.D
Acq: 01 Aug 2024 15:25

Instrument :
BNA_F
ClientSampleId :
OU4-VSL-02-072324

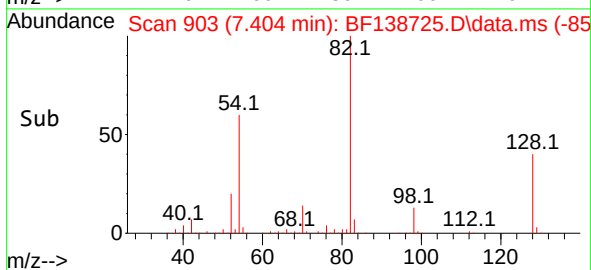
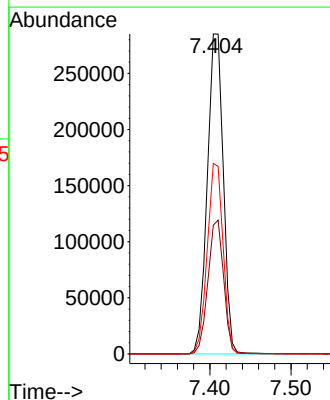
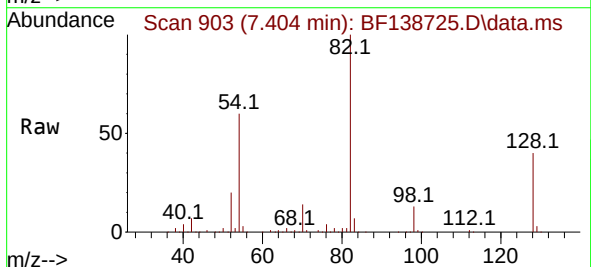


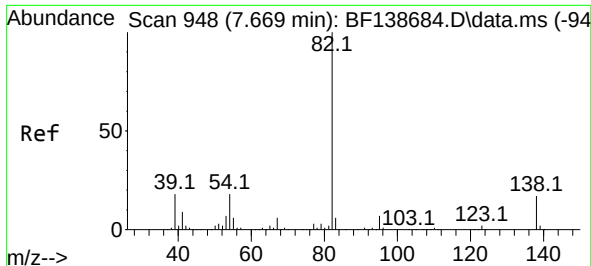
Tgt Ion:136 Resp: 296462
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 10.6 8.6 12.8
68 6.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 64.330 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138725.D
Acq: 01 Aug 2024 15:25

Tgt Ion: 82 Resp: 390076
Ion Ratio Lower Upper
82 100
128 40.2 32.8 49.2
54 59.5 48.3 72.5

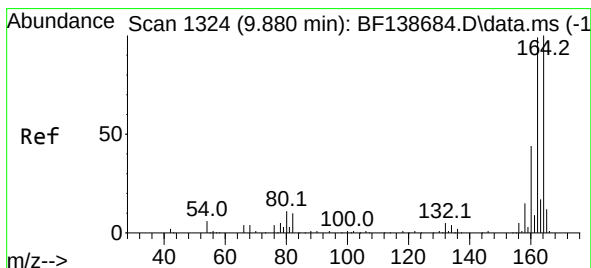
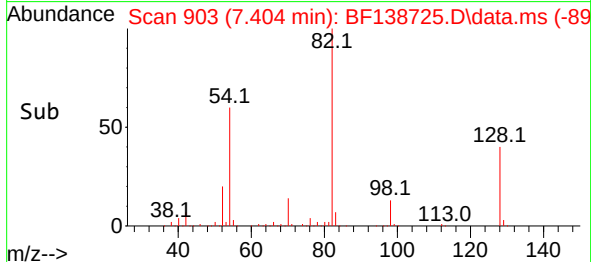
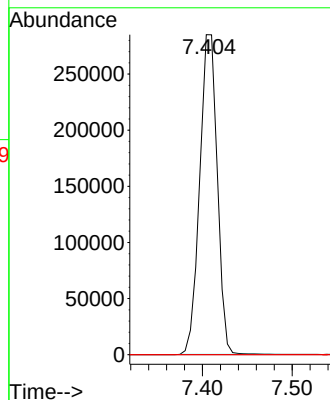
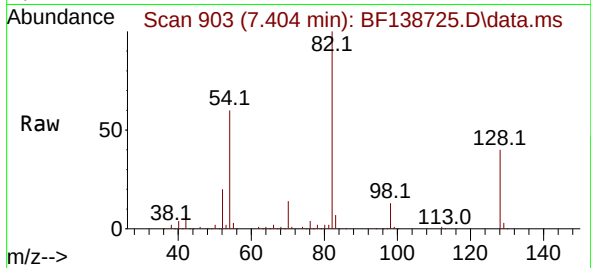




#25
Isophorone
Concen: 37.476 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138725.D
Acq: 01 Aug 2024 15:25

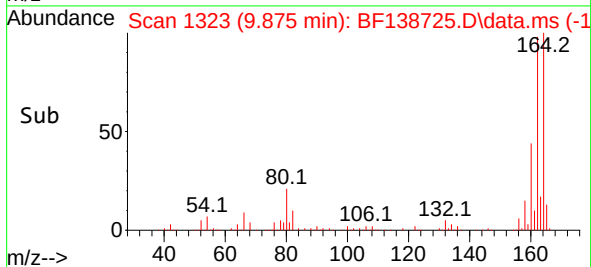
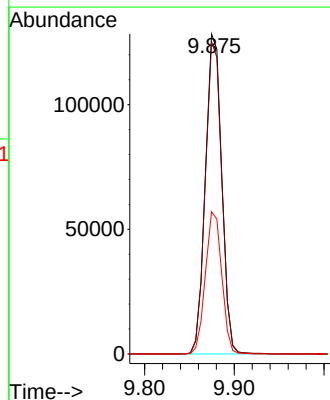
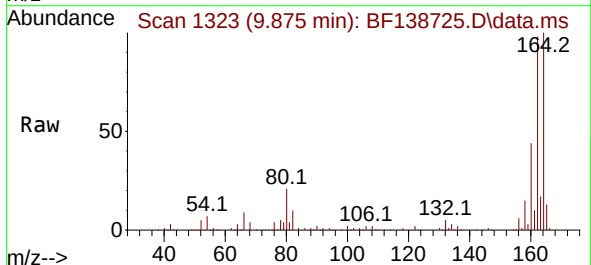
Instrument :
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ClientSampleId :
OU4-VSL-02-072324

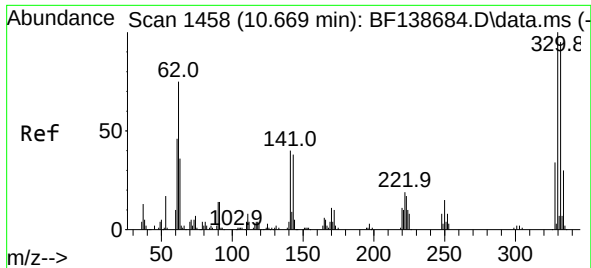
Tgt Ion: 82 Resp: 388030
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138725.D
Acq: 01 Aug 2024 15:25

Tgt Ion:164 Resp: 162407
Ion Ratio Lower Upper
164 100
162 97.6 79.4 119.0
160 44.4 35.1 52.7

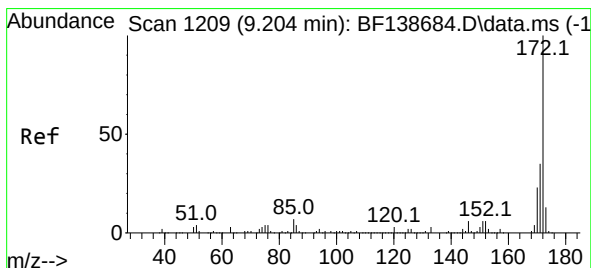
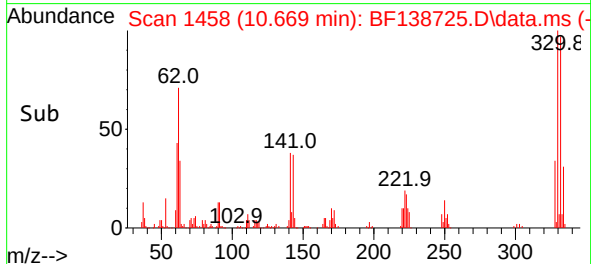
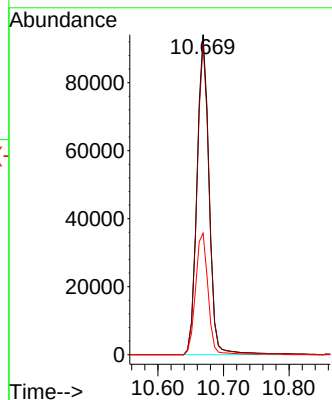
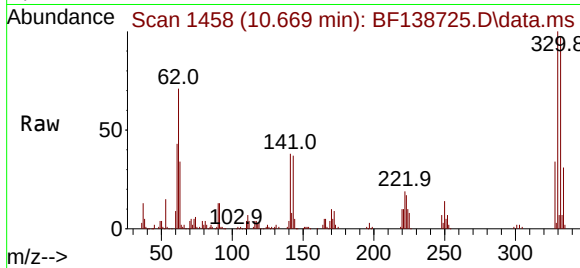




#42
2,4,6-Tribromophenol
Concen: 91.230 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138725.D
Acq: 01 Aug 2024 15:25

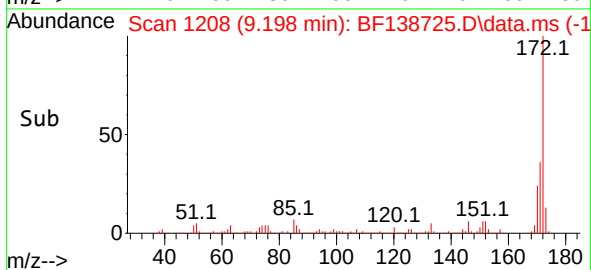
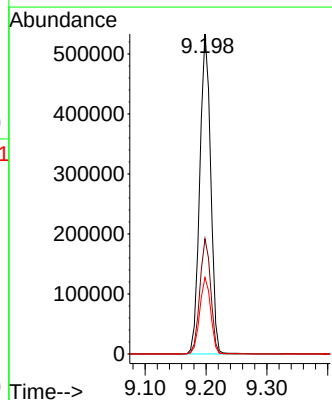
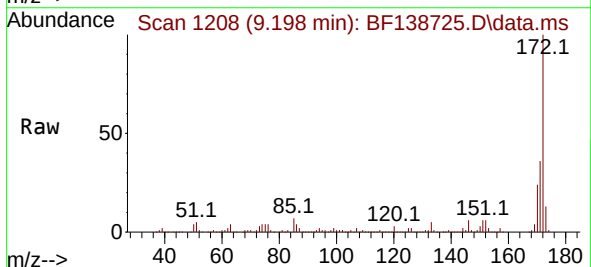
Instrument :
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ClientSampleId :
OU4-VSL-02-072324

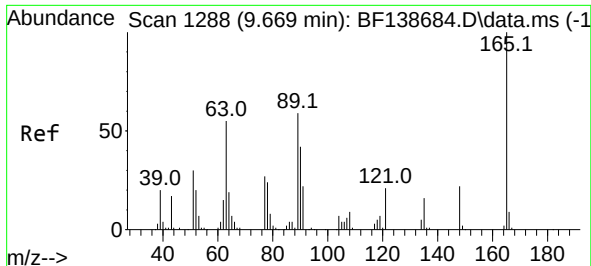
Tgt Ion: 330 Resp: 121366
Ion Ratio Lower Upper
330 100
332 97.8 76.4 114.6
141 39.0 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 61.254 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138725.D
Acq: 01 Aug 2024 15:25

Tgt Ion: 172 Resp: 662106
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.9 18.8 28.2

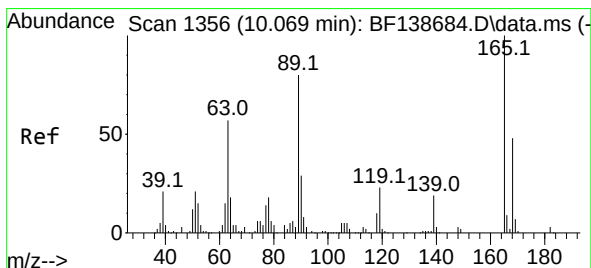
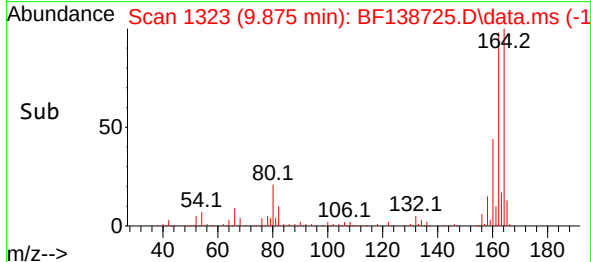
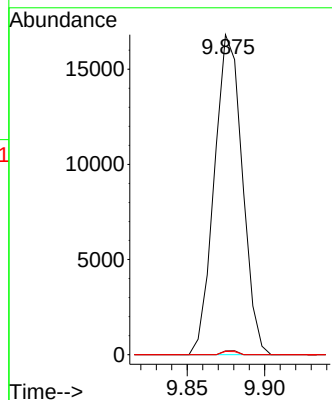
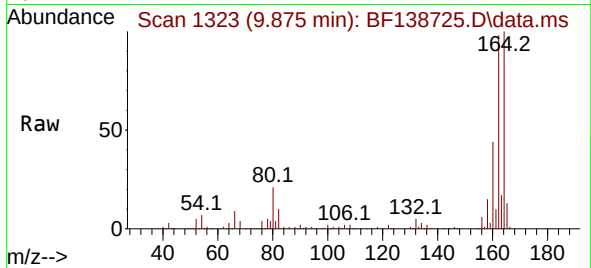




#51
2,6-Dinitrotoluene
Concen: 9.014 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138725.D
Acq: 01 Aug 2024 15:25

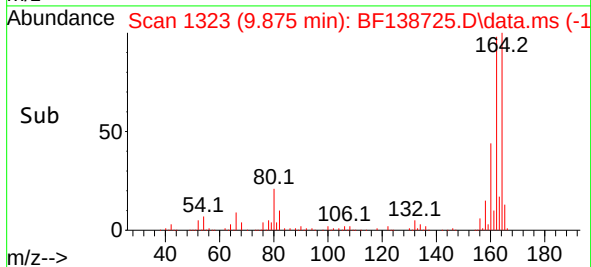
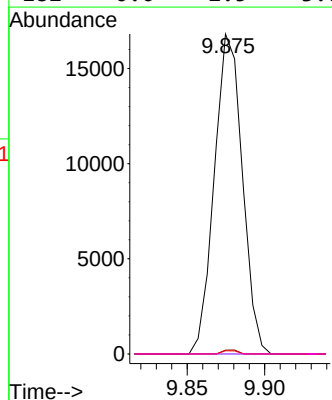
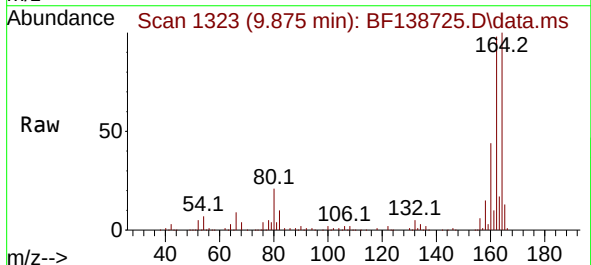
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-02-072324

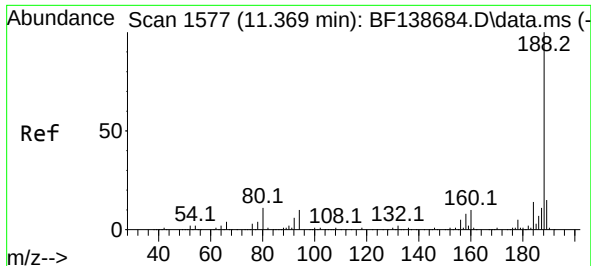
Tgt Ion:165 Resp: 21126
Ion Ratio Lower Upper
165 100
63 1.2 52.0 78.0#
89 1.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.065 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138725.D
Acq: 01 Aug 2024 15:25

Tgt Ion:165 Resp: 21126
Ion Ratio Lower Upper
165 100
63 1.2 46.3 69.5#
89 1.0 64.2 96.4#
182 0.0 2.5 3.7#

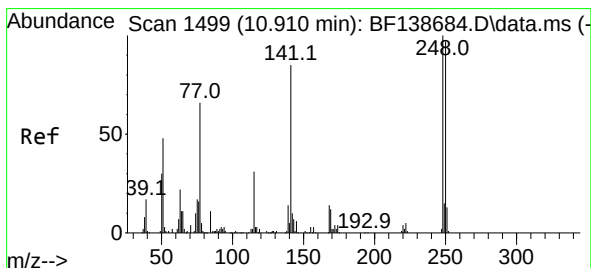
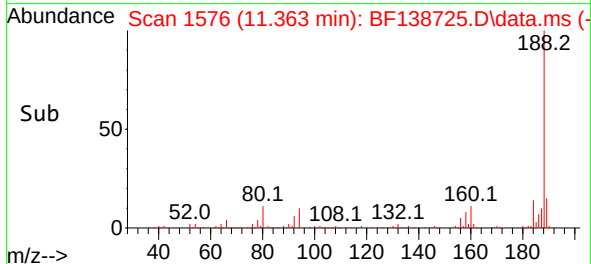
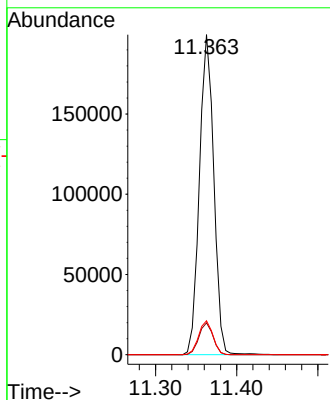
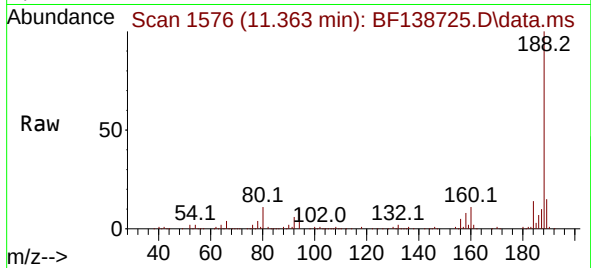




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138725.D
Acq: 01 Aug 2024 15:25

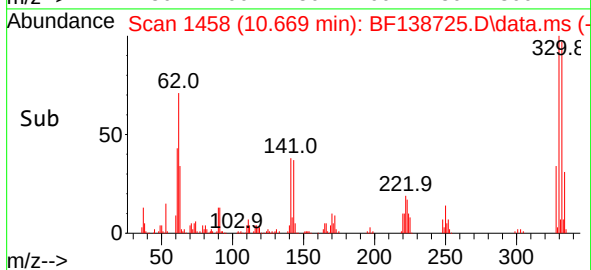
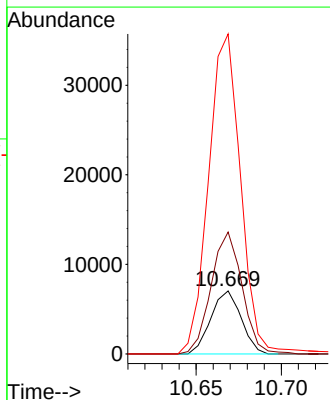
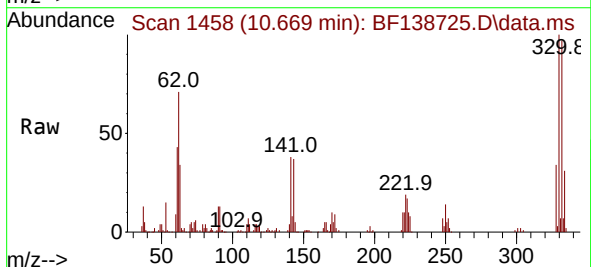
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-02-072324

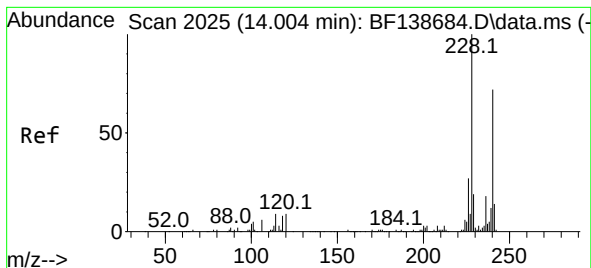
Tgt Ion:188 Resp: 244862
Ion Ratio Lower Upper
188 100
94 10.0 7.6 11.4
80 10.6 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 3.280 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.241 min
Lab File: BF138725.D
Acq: 01 Aug 2024 15:25

Tgt Ion:248 Resp: 8695
Ion Ratio Lower Upper
248 100
250 193.2 77.7 116.5#
141 507.1 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: BF138725.D

Acq: 01 Aug 2024 15:25

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-02-072324

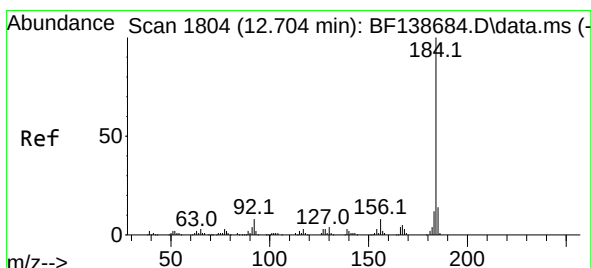
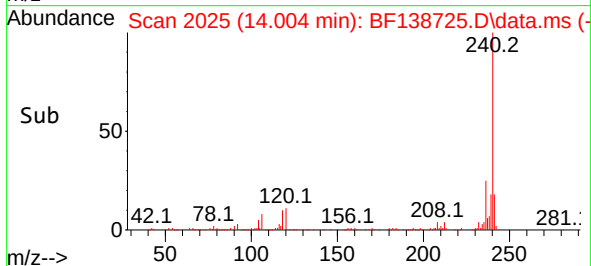
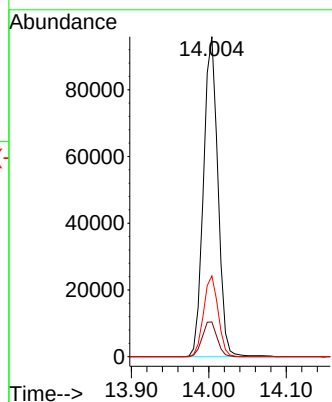
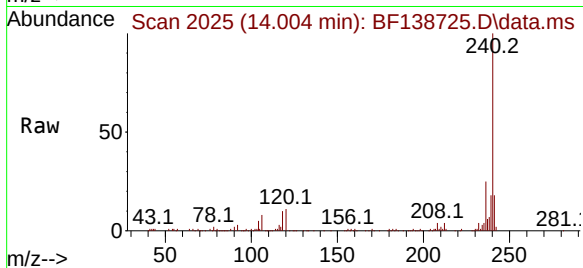
Tgt Ion:240 Resp: 123938

Ion Ratio Lower Upper

240 100

120 10.9 10.2 15.4

236 25.3 19.8 29.8



#77

Benzidine

Concen: 2.035 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.241 min

Lab File: BF138725.D

Acq: 01 Aug 2024 15:25

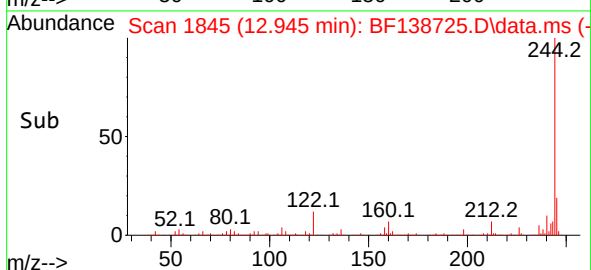
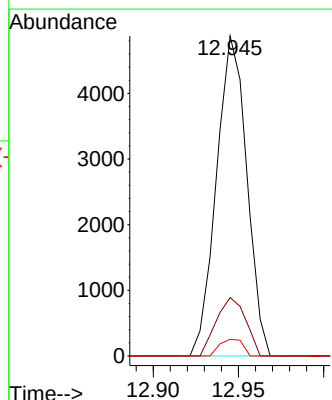
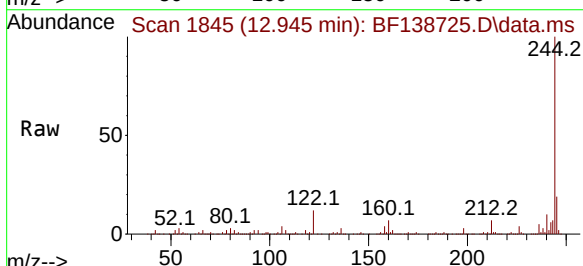
Tgt Ion:184 Resp: 6033

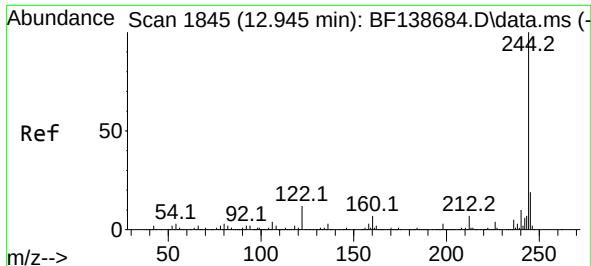
Ion Ratio Lower Upper

184 100

185 18.3 11.1 16.7#

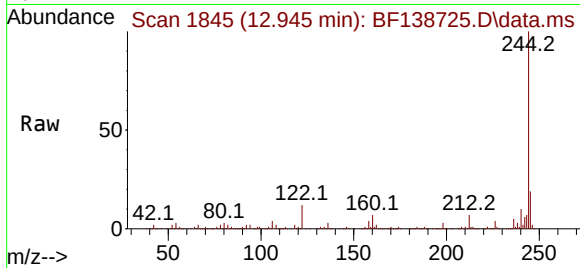
183 5.2 9.6 14.4#



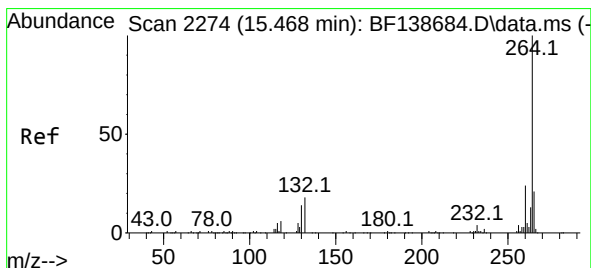
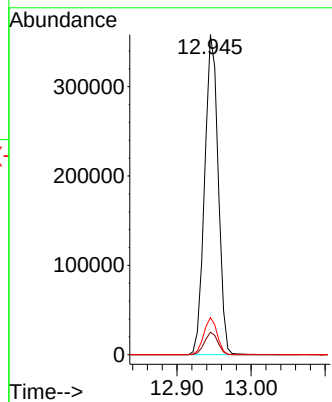
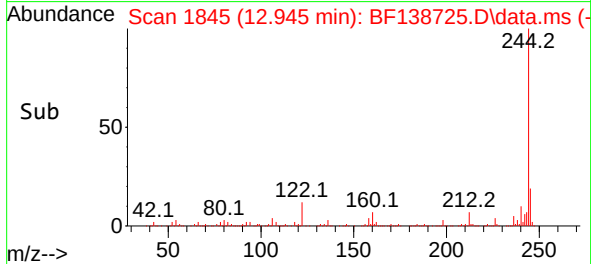


#79
 Terphenyl-d14
 Concen: 61.517 ng
 RT: 12.945 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: BF138725.D
 Acq: 01 Aug 2024 15:25

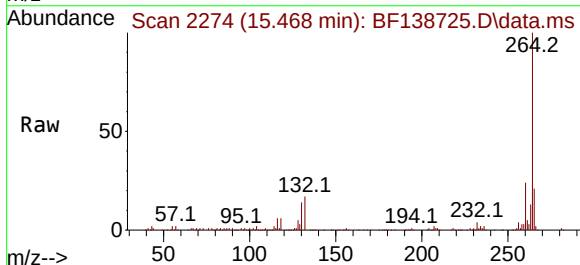
Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-02-072324



Tgt Ion:244 Resp: 455383
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.6 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: BF138725.D
 Acq: 01 Aug 2024 15:25



Tgt Ion:264 Resp: 140134
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 21.1 17.0 25.6

