

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
 Data File : BF138741.D
 Acq On : 02 Aug 2024 11:56
 Operator : RC/JU
 Sample : P3396-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-CF01-01

Quant Time: Aug 02 12:29:40 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)

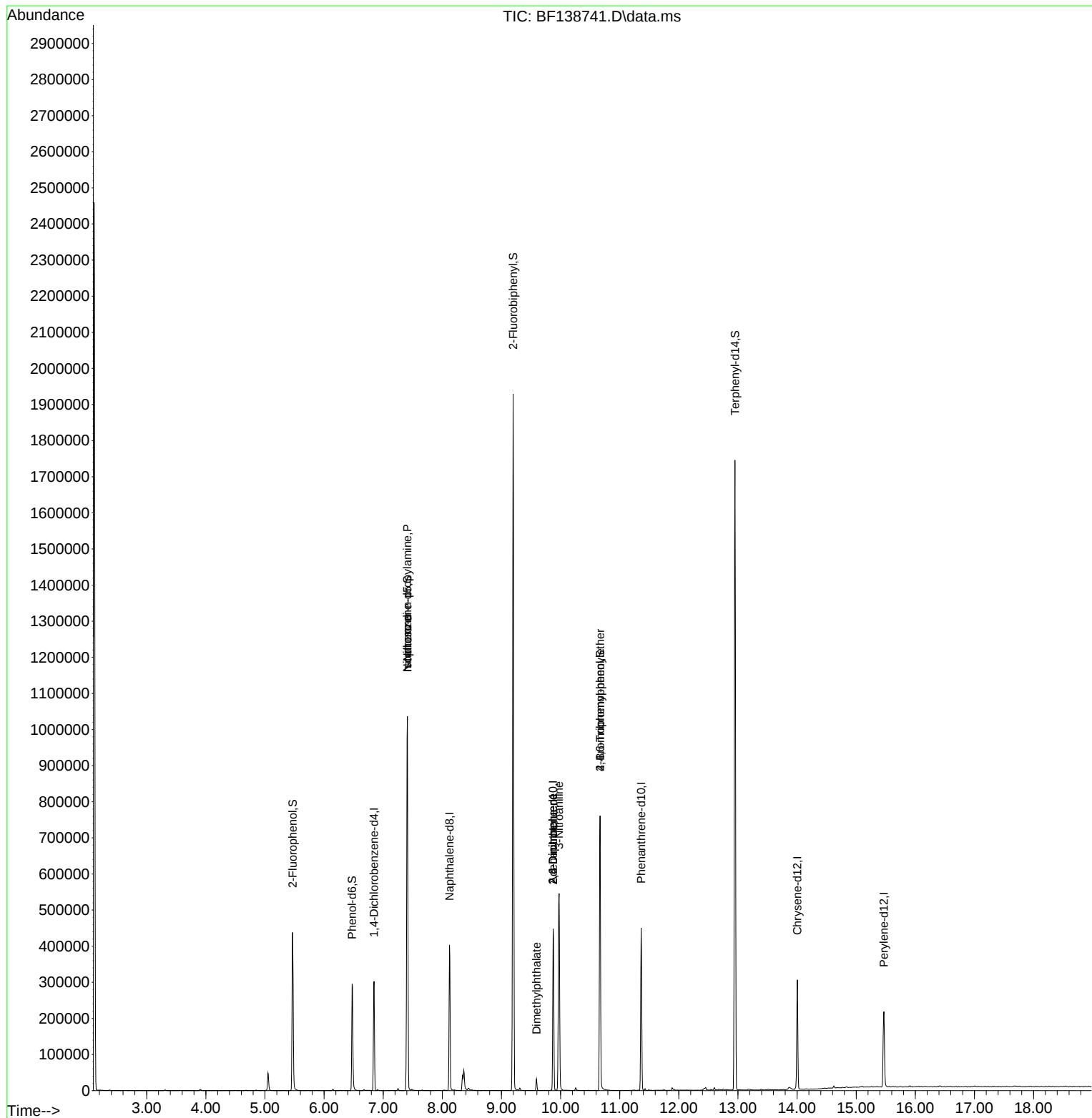
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	59286	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	241219	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	133102	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	226426	20.000	ng	0.00
76) Chrysene-d12	14.004	240	137641	20.000	ng	0.00
86) Perylene-d12	15.468	264	123154	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	151854	39.539	ng	0.00
7) Phenol-d6	6.475	99	137516	26.669	ng	-0.01
23) Nitrobenzene-d5	7.410	82	463312	93.906	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	111426	102.199	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	813883	91.874	ng	0.00
79) Terphenyl-d14	12.951	244	838238	101.963	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	62888	20.193	ng	# 73
25) Isophorone	7.410	82	461725	54.806	ng	# 66
50) Dimethylphthalate	9.592	163	17151	2.015	ng	98
51) 2,6-Dinitrotoluene	9.874	165	17287	9.000	ng	# 22
53) 3-Nitroaniline	9.975	138	5490	2.765	ng	# 1
57) 2,4-Dinitrotoluene	9.874	165	17287	7.054	ng	# 19
67) 4-Bromophenyl-phenylether	10.669	248	8399	3.426	ng	# 1

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

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Quant Time: Aug 02 12:29:40 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

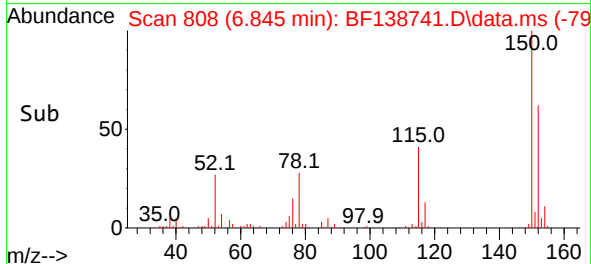
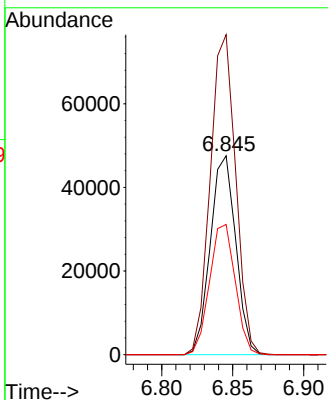
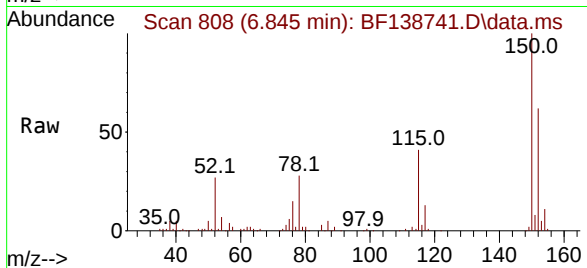




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138741.D
Acq: 02 Aug 2024 11:56

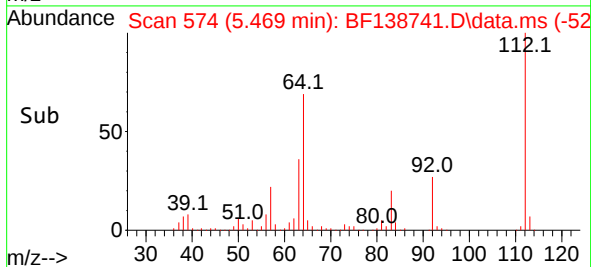
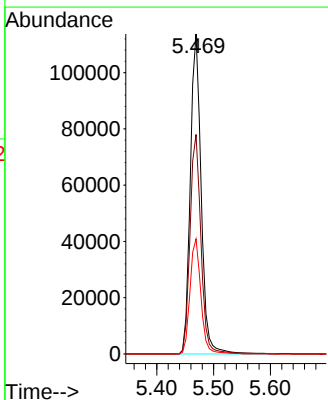
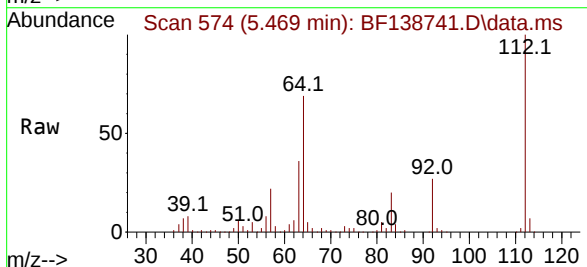
Instrument :
BNA_F
ClientSampleId :
P001-CF01-01

Tgt Ion:152 Resp: 59286
Ion Ratio Lower Upper
152 100
150 160.9 126.0 189.0
115 65.4 51.7 77.5



#5
2-Fluorophenol
Concen: 39.539 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138741.D
Acq: 02 Aug 2024 11:56

Tgt Ion:112 Resp: 151854
Ion Ratio Lower Upper
112 100
64 68.6 54.2 81.4
63 36.0 28.7 43.1

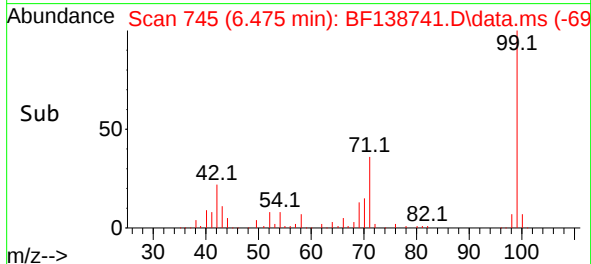
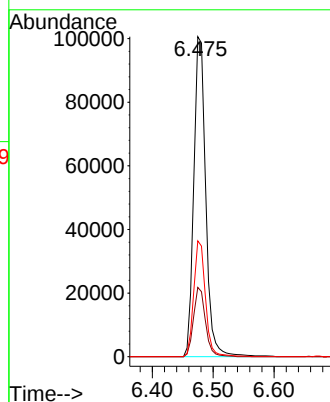
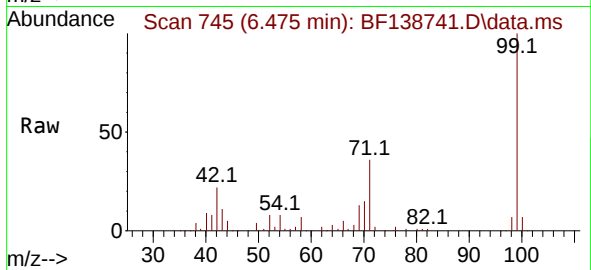




#7
Phenol-d6
Concen: 26.669 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138741.D
Acq: 02 Aug 2024 11:56

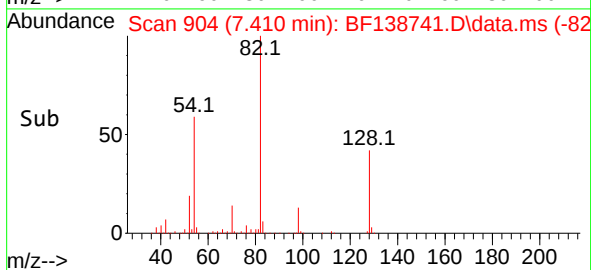
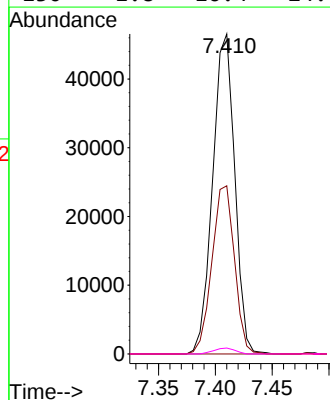
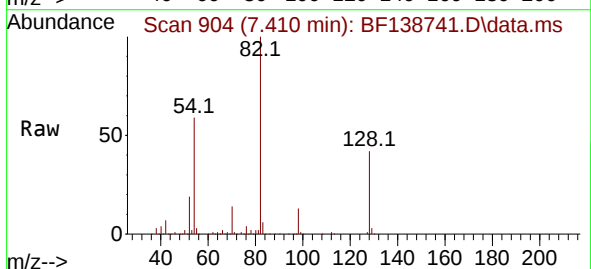
Instrument :
BNA_F
ClientSampleId :
P001-CF01-01

Tgt Ion: 99 Resp: 137516
Ion Ratio Lower Upper
99 100
42 21.7 17.4 26.0
71 36.2 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 20.193 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138741.D
Acq: 02 Aug 2024 11:56

Tgt Ion: 70 Resp: 62888
Ion Ratio Lower Upper
70 100
42 52.5 57.4 86.0#
101 0.0 7.5 11.3#
130 1.8 16.4 24.6#

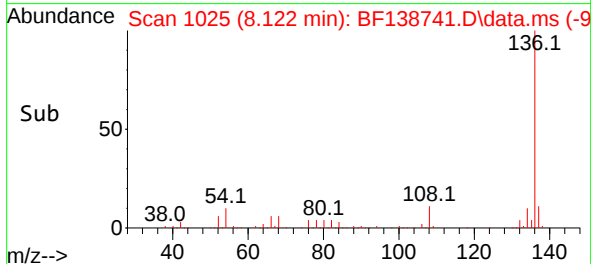
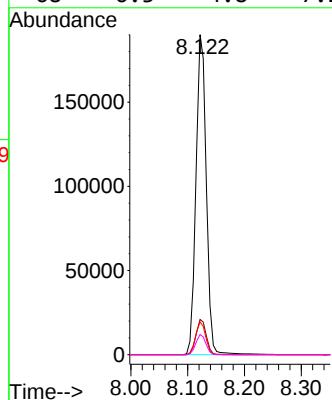
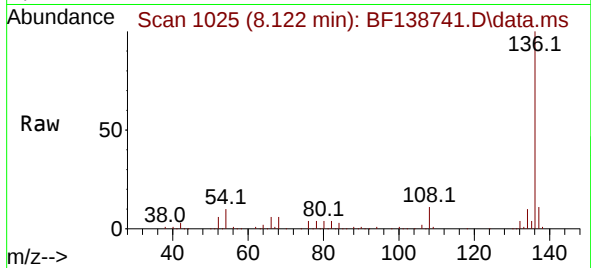




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138741.D
Acq: 02 Aug 2024 11:56

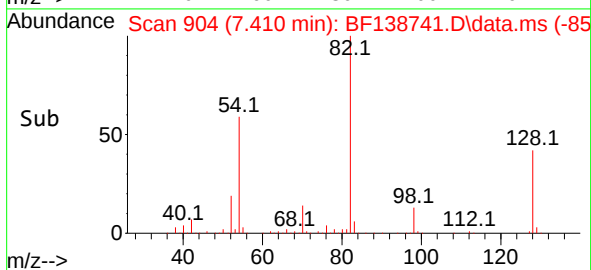
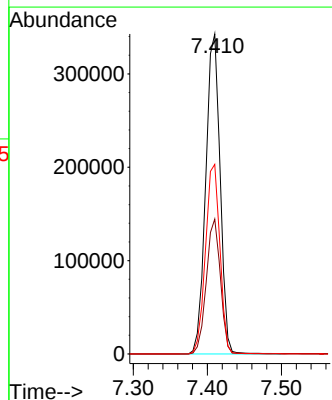
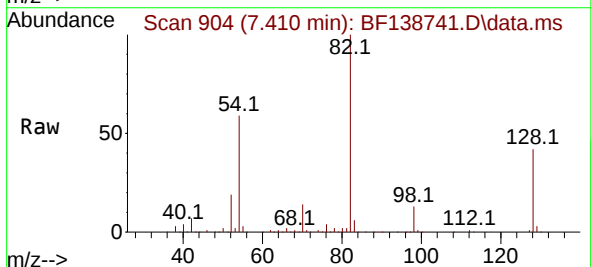
Instrument :
BNA_F
ClientSampleId :
P001-CF01-01

Tgt Ion:136 Resp: 241219
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.3 8.6 12.8
68 6.3 4.8 7.2



#23
Nitrobenzene-d5
Concen: 93.906 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138741.D
Acq: 02 Aug 2024 11:56

Tgt Ion: 82 Resp: 463312
Ion Ratio Lower Upper
82 100
128 42.2 32.8 49.2
54 59.3 48.3 72.5

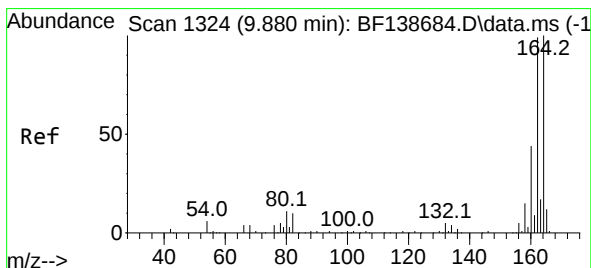
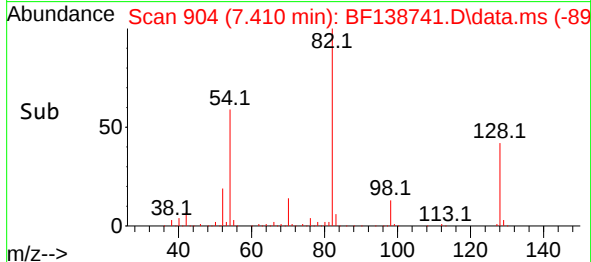
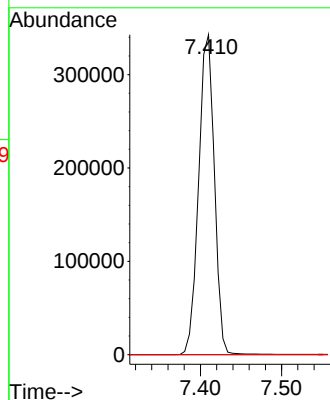
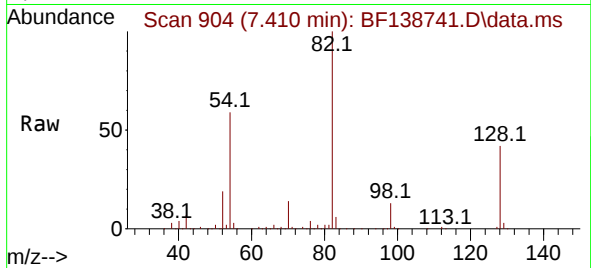




#25
Isophorone
Concen: 54.806 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138741.D
Acq: 02 Aug 2024 11:56

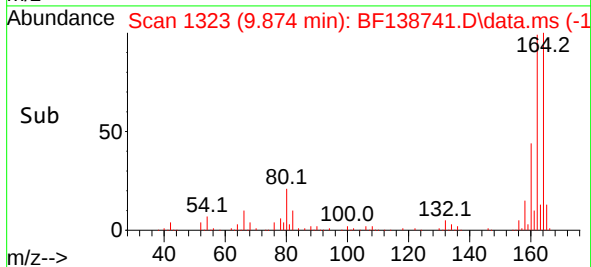
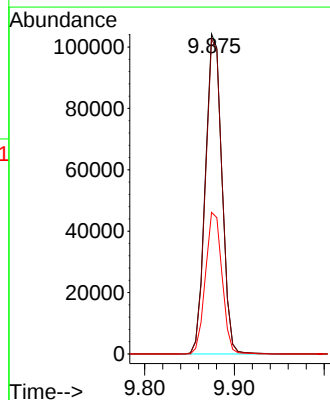
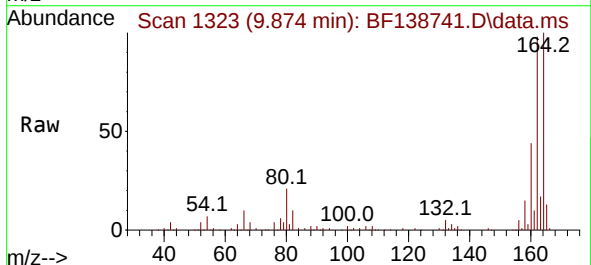
Instrument :
BNA_F
ClientSampleId :
P001-CF01-01

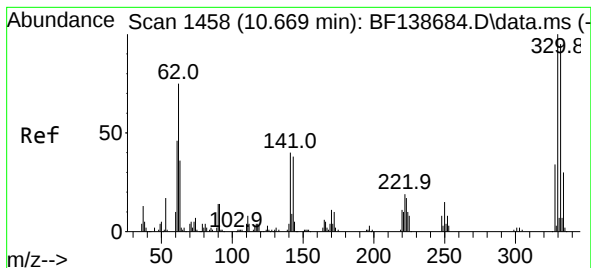
Tgt Ion: 82 Resp: 461725
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF138741.D
Acq: 02 Aug 2024 11:56

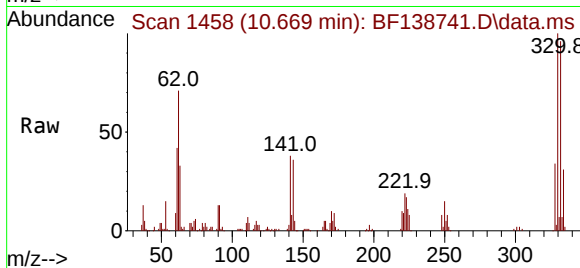
Tgt Ion: 164 Resp: 133102
Ion Ratio Lower Upper
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162 98.4 79.4 119.0
160 44.2 35.1 52.7



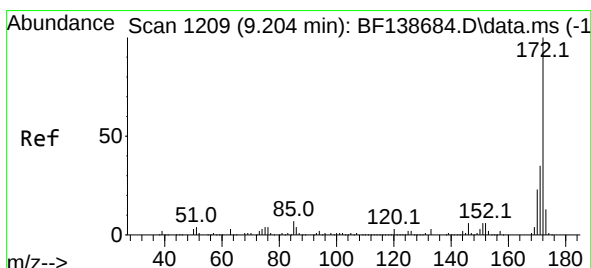
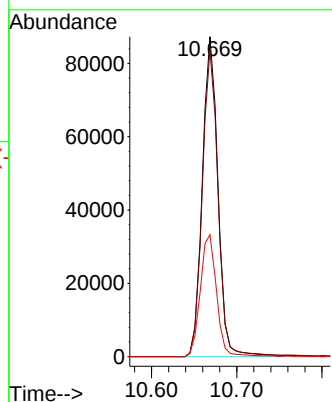
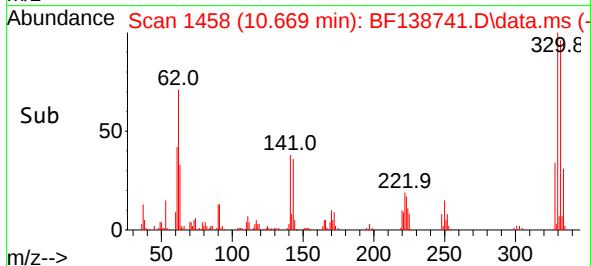


#42
2,4,6-Tribromophenol
Concen: 102.199 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138741.D
Acq: 02 Aug 2024 11:56

Instrument :
BNA_F
ClientSampleId :
P001-CF01-01

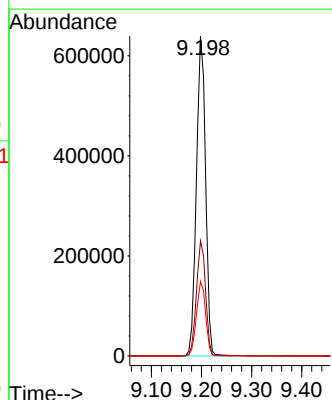
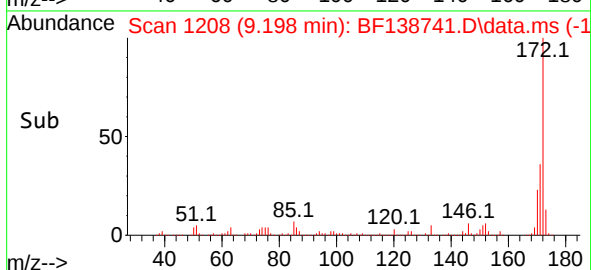
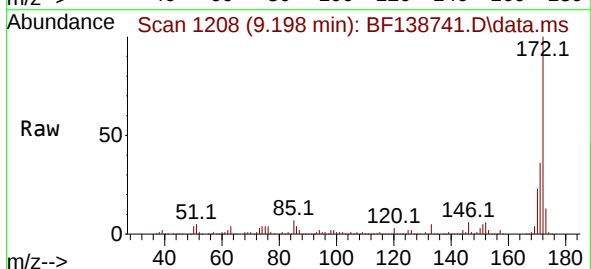


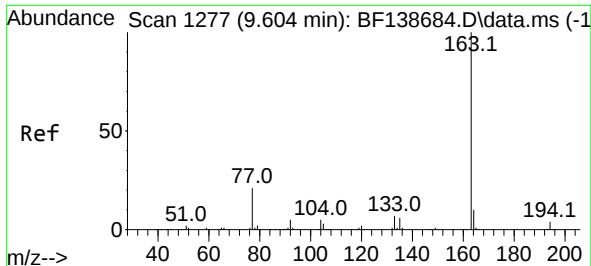
Tgt Ion:330 Resp: 111426
Ion Ratio Lower Upper
330 100
332 96.9 76.4 114.6
141 39.7 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 91.874 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138741.D
Acq: 02 Aug 2024 11:56

Tgt Ion:172 Resp: 813883
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.3 18.8 28.2

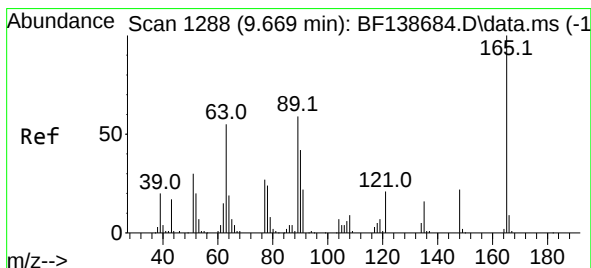
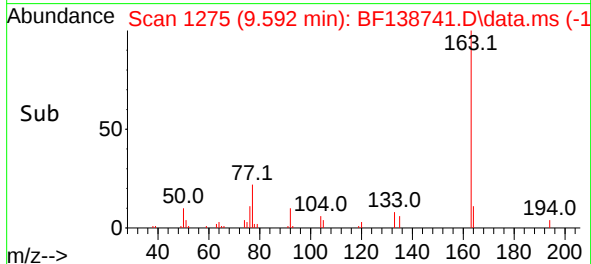
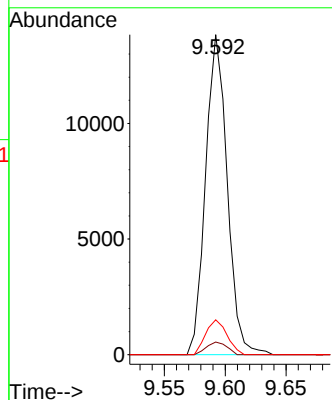
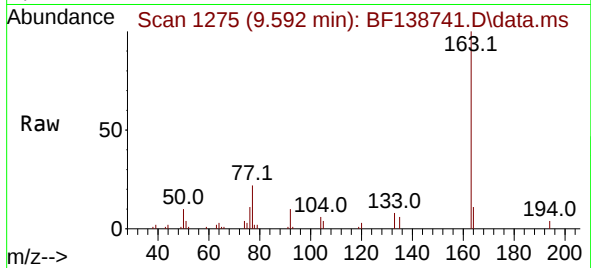




#50
Dimethylphthalate
Concen: 2.015 ng
RT: 9.592 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138741.D
Acq: 02 Aug 2024 11:56

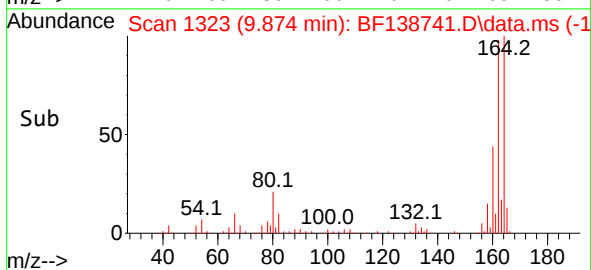
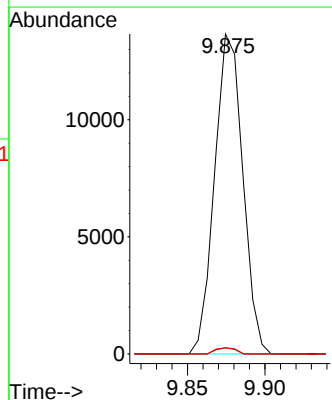
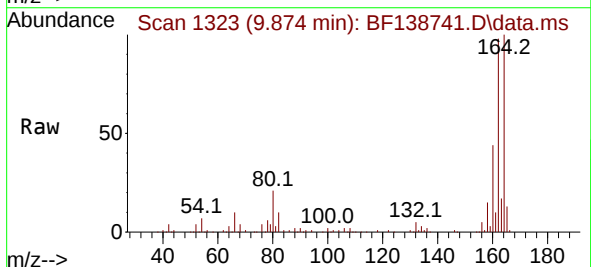
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ClientSampleId :
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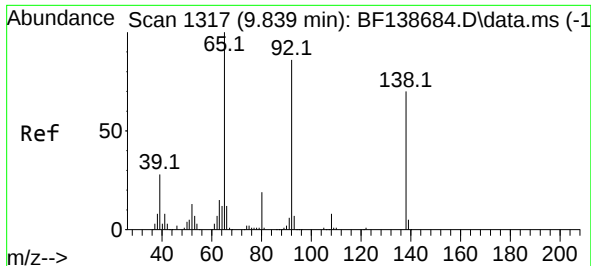
Tgt Ion:163 Resp: 17151
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.9 7.8 11.8



#51
2,6-Dinitrotoluene
Concen: 9.000 ng
RT: 9.874 min Scan# 1323
Delta R.T. 0.206 min
Lab File: BF138741.D
Acq: 02 Aug 2024 11:56

Tgt Ion:165 Resp: 17287
Ion Ratio Lower Upper
165 100
63 1.9 52.0 78.0#
89 1.9 47.0 70.6#

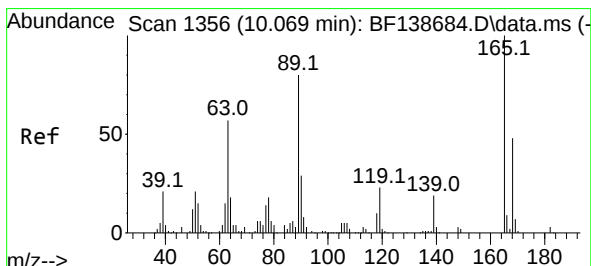
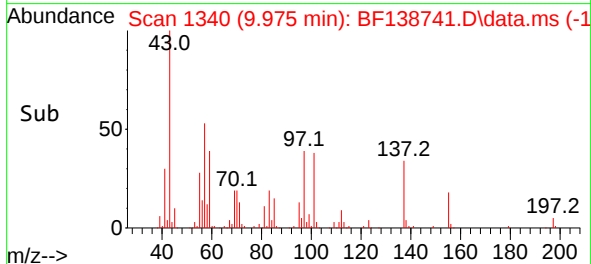
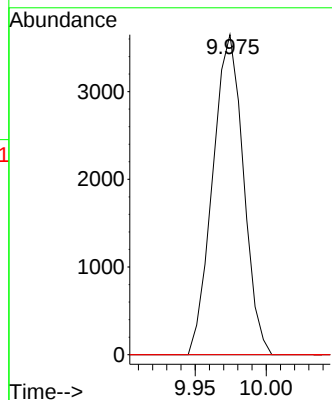
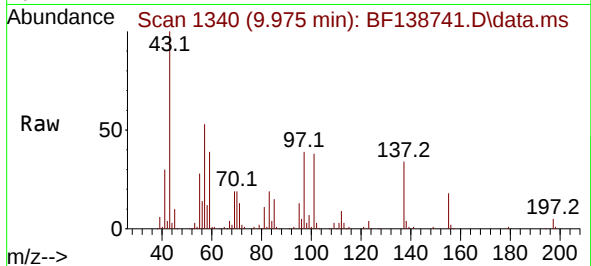




#53
3-Nitroaniline
Concen: 2.765 ng
RT: 9.975 min Scan# 11
Delta R.T. 0.135 min
Lab File: BF138741.D
Acq: 02 Aug 2024 11:56

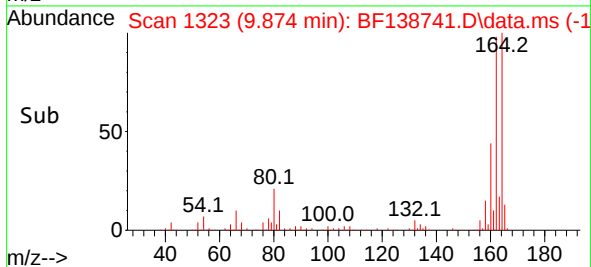
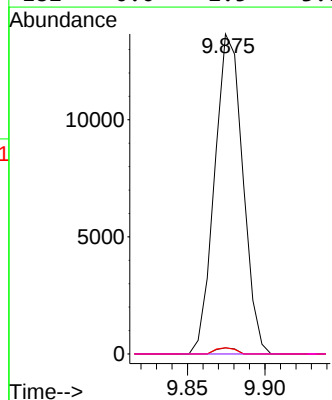
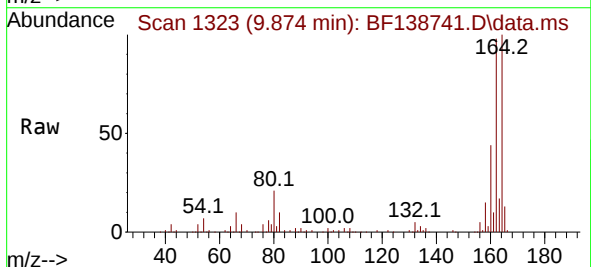
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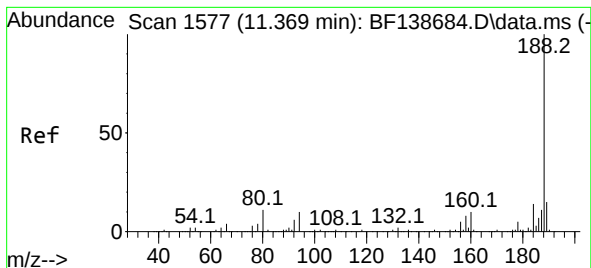
Tgt Ion:138 Resp: 5490
Ion Ratio Lower Upper
138 100
108 0.0 9.1 13.7#
92 0.0 98.7 148.1#



#57
2,4-Dinitrotoluene
Concen: 7.054 ng
RT: 9.874 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138741.D
Acq: 02 Aug 2024 11:56

Tgt Ion:165 Resp: 17287
Ion Ratio Lower Upper
165 100
63 1.9 46.3 69.5#
89 1.9 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: BF138741.D

Acq: 02 Aug 2024 11:56

Instrument :

BNA_F

ClientSampleId :

P001-CF01-01

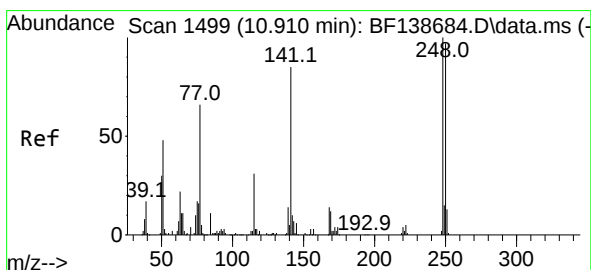
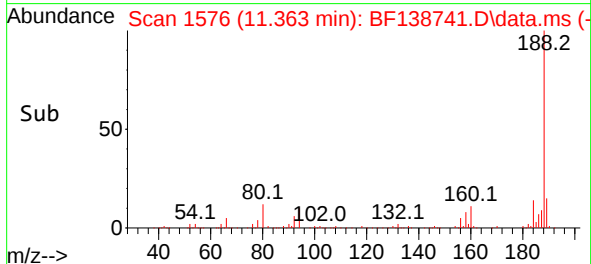
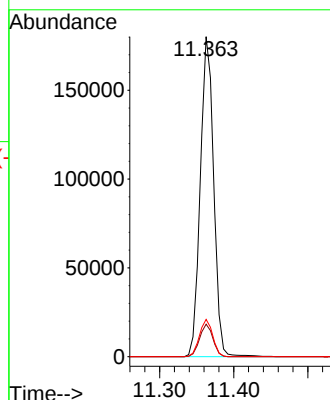
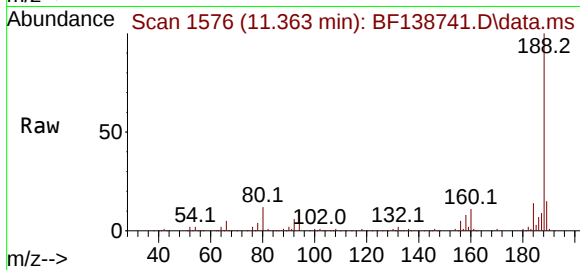
Tgt Ion:188 Resp: 226426

Ion Ratio Lower Upper

188 100

94 10.2 7.6 11.4

80 11.7 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 3.426 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138741.D

Acq: 02 Aug 2024 11:56

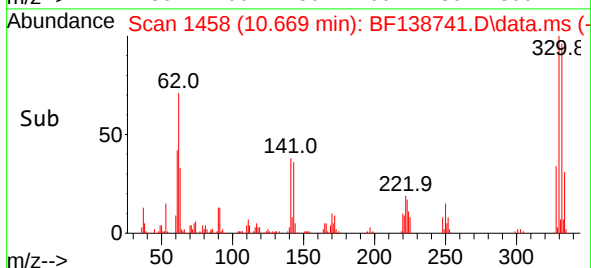
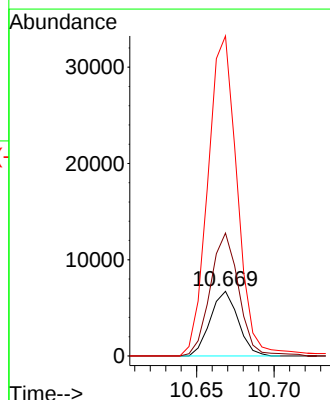
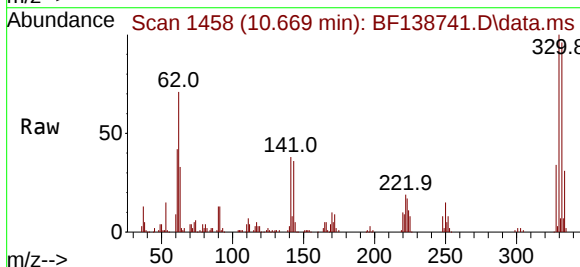
Tgt Ion:248 Resp: 8399

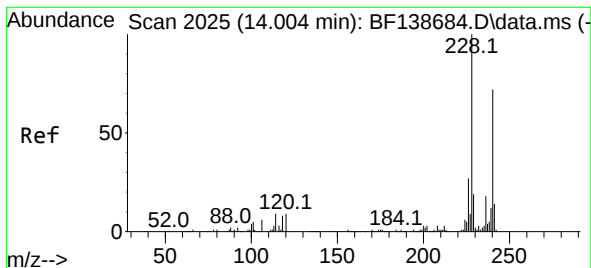
Ion Ratio Lower Upper

248 100

250 190.1 77.7 116.5#

141 494.7 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF138741.D

Acq: 02 Aug 2024 11:56

Instrument :

BNA_F

ClientSampleId :

P001-CF01-01

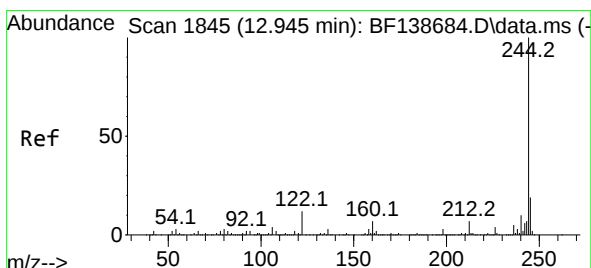
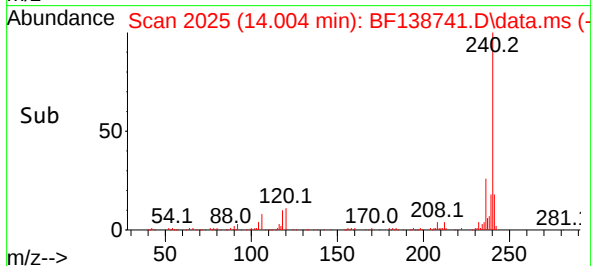
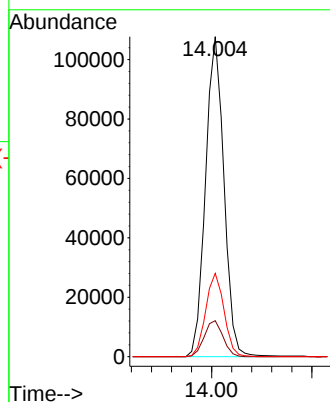
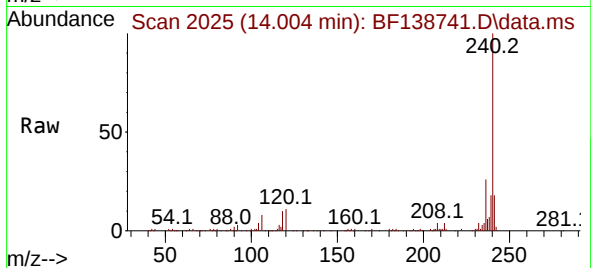
Tgt Ion:240 Resp: 137641

Ion Ratio Lower Upper

240 100

120 11.3 10.2 15.4

236 26.1 19.8 29.8



#79

Terphenyl-d14

Concen: 101.963 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.006 min

Lab File: BF138741.D

Acq: 02 Aug 2024 11:56

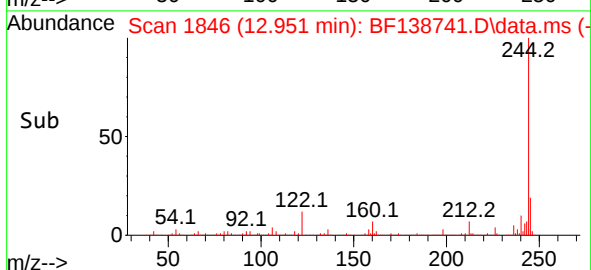
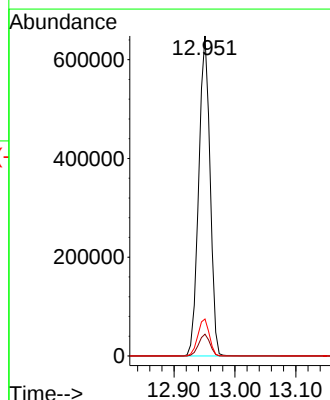
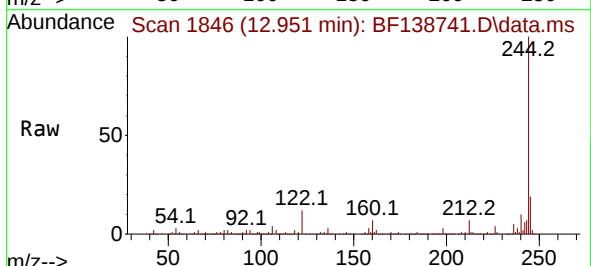
Tgt Ion:244 Resp: 838238

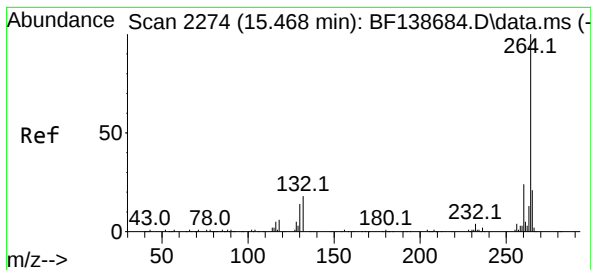
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.6 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF138741.D
 Acq: 02 Aug 2024 11:56

Instrument :
 BNA_F
 ClientSampleId :
 P001-CF01-01

Tgt Ion:264 Resp: 123154
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 20.6 17.0 25.6

