

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138857.D
 Acq On : 08 Aug 2024 10:49
 Operator : RC/JU
 Sample : PB162396BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162396BL

Quant Time: Aug 08 11:24:13 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)

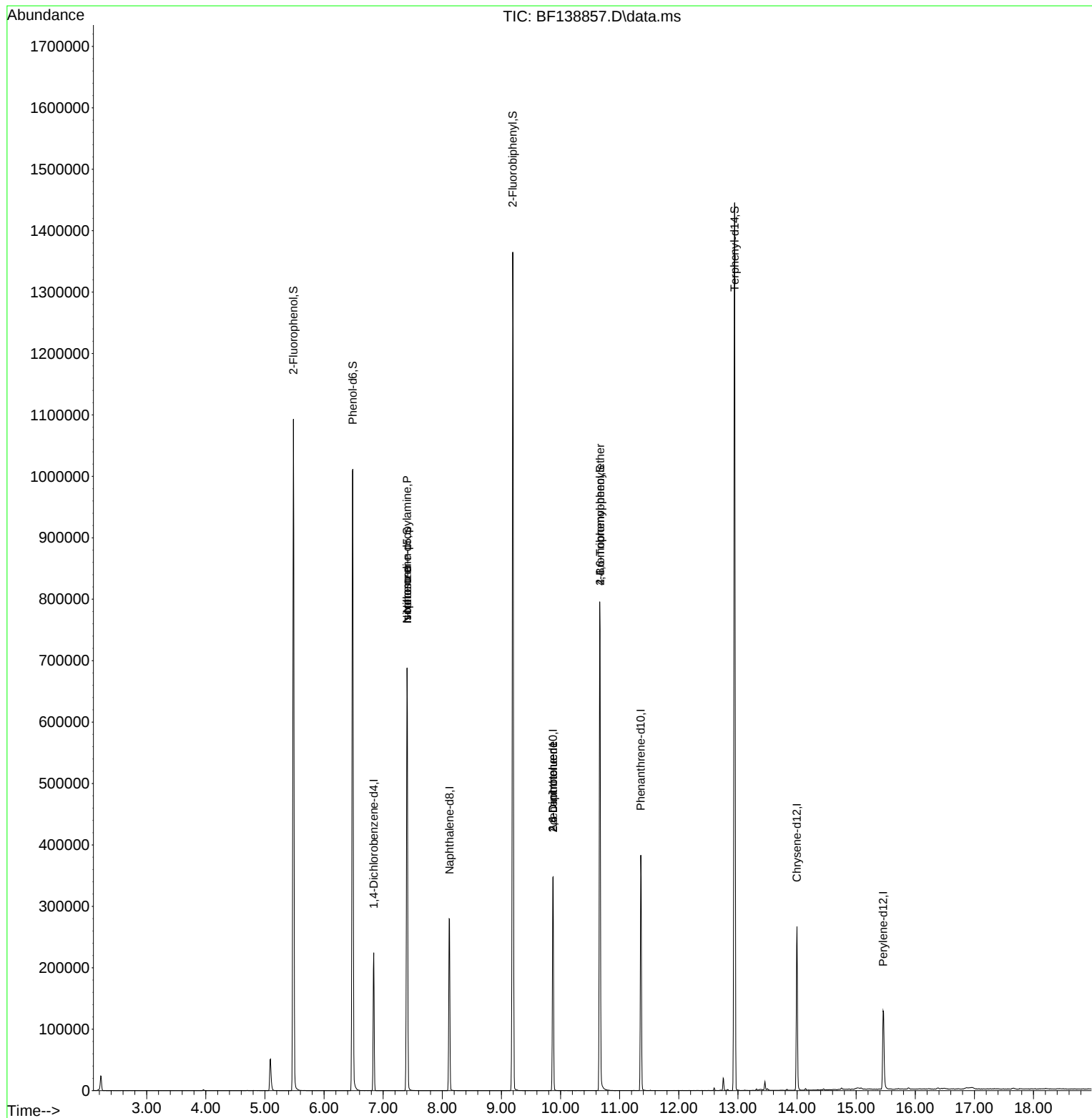
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	42217	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	178455	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	106067	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	200709	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	125540	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	84599	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	365000	133.461	ng	0.01
7) Phenol-d6	6.487	99	478138	130.217	ng	0.00
23) Nitrobenzene-d5	7.404	82	314986	86.297	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	120195	138.341	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	610165	86.433	ng	-0.01
79) Terphenyl-d14	12.945	244	718714	95.852	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	44558	20.092	ng	# 77
25) Isophorone	7.404	82	314338	50.435	ng	# 66
51) 2,6-Dinitrotoluene	9.875	165	13156	8.595	ng	# 20
57) 2,4-Dinitrotoluene	9.875	165	13156	6.737	ng	# 17
67) 4-Bromophenyl-phenylether	10.669	248	8641	3.976	ng	# 1

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

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QLast Update : Tue Jul 30 17:50:01 2024
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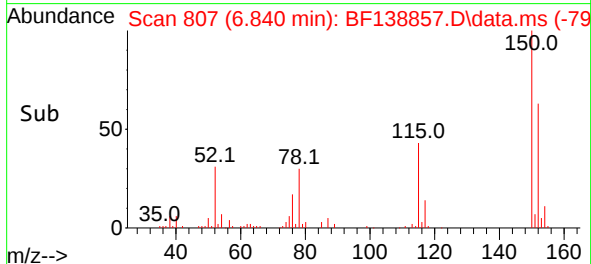
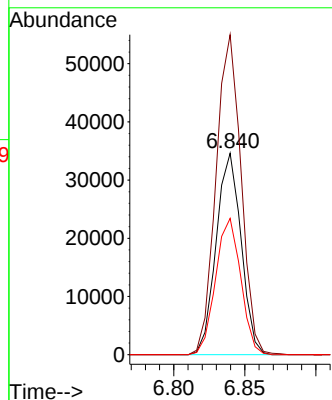
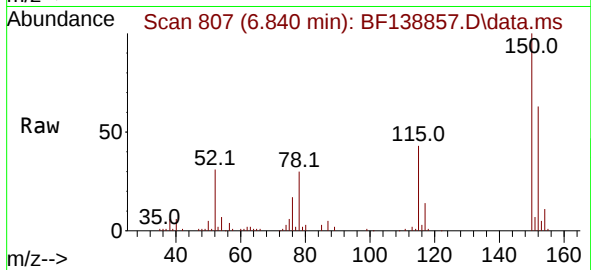




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138857.D
Acq: 08 Aug 2024 10:49

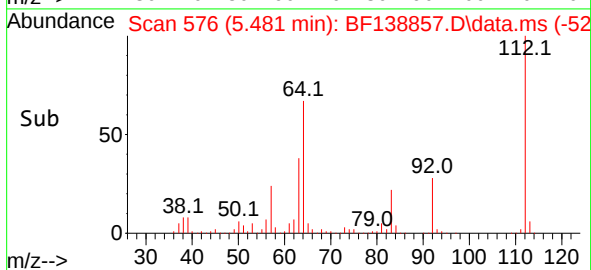
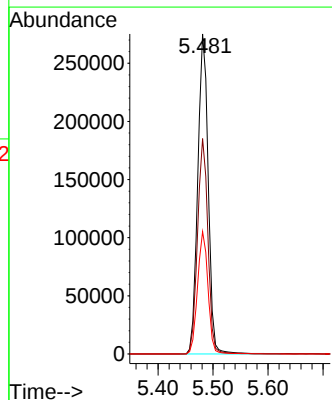
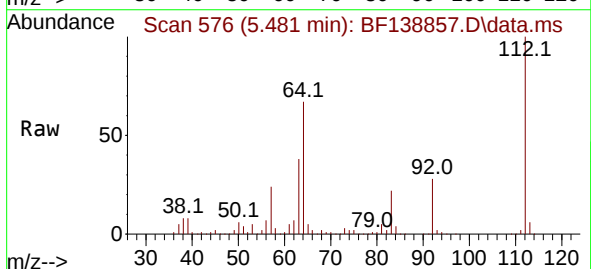
Instrument :
BNA_F
ClientSampleId :
PB162396BL

Tgt Ion:152 Resp: 42217
Ion Ratio Lower Upper
152 100
150 158.9 126.0 189.0
115 67.7 51.7 77.5



#5
2-Fluorophenol
Concen: 133.461 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138857.D
Acq: 08 Aug 2024 10:49

Tgt Ion:112 Resp: 365000
Ion Ratio Lower Upper
112 100
64 67.3 54.2 81.4
63 38.2 28.7 43.1

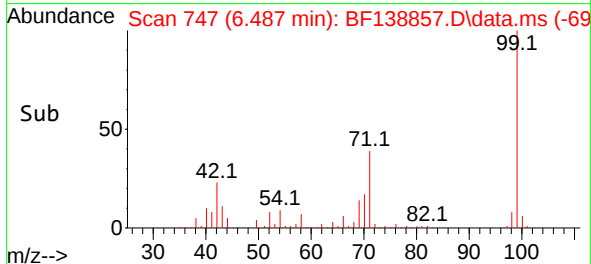
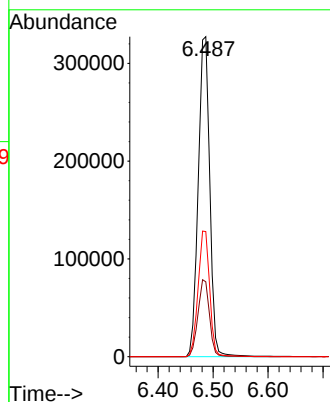
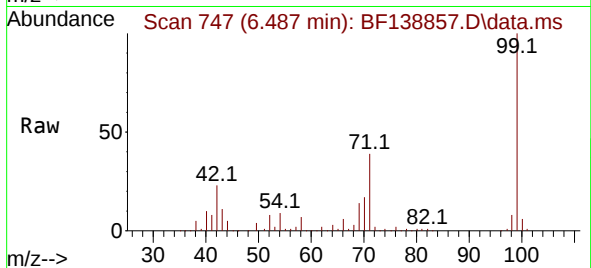




#7
Phenol-d6
Concen: 130.217 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138857.D
Acq: 08 Aug 2024 10:49

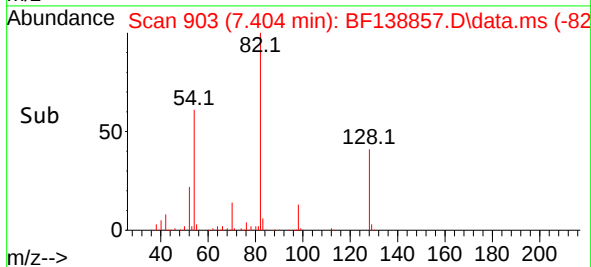
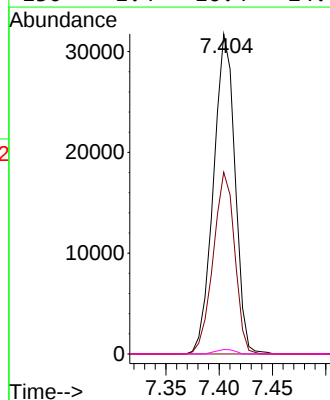
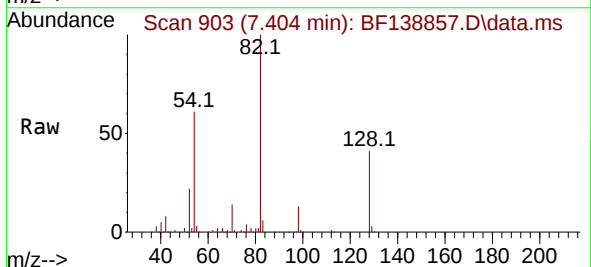
Instrument :
BNA_F
ClientSampleId :
PB162396BL

Tgt Ion: 99 Resp: 478138
Ion Ratio Lower Upper
99 100
42 23.4 17.4 26.0
71 39.1 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 20.092 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138857.D
Acq: 08 Aug 2024 10:49

Tgt Ion: 70 Resp: 44558
Ion Ratio Lower Upper
70 100
42 56.8 57.4 86.0#
101 0.0 7.5 11.3#
130 1.4 16.4 24.6#

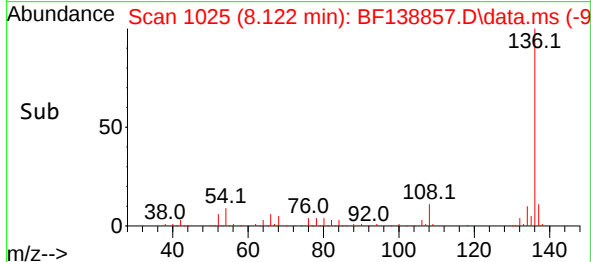
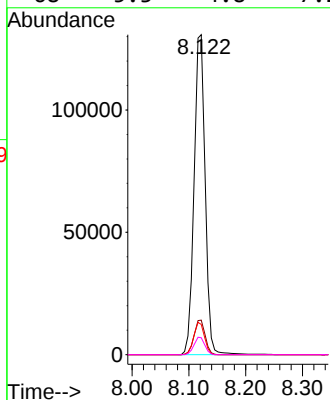
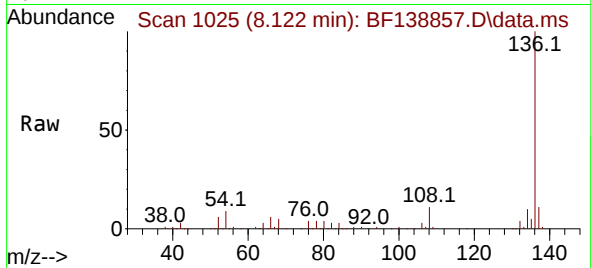




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138857.D
Acq: 08 Aug 2024 10:49

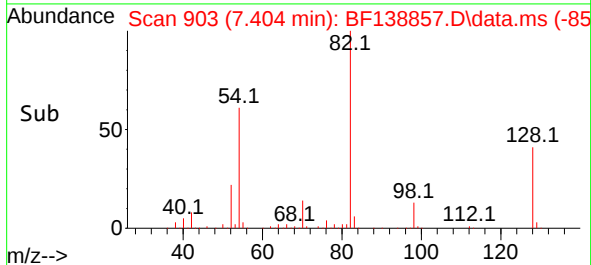
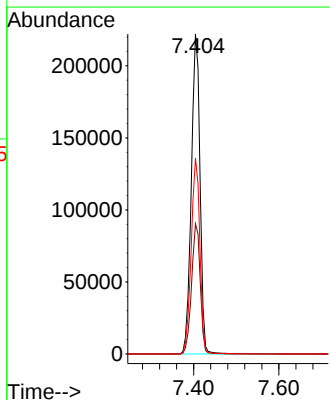
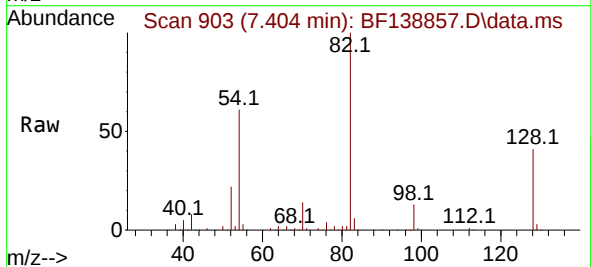
Instrument :
BNA_F
ClientSampleId :
PB162396BL

Tgt Ion:136	Resp: 178455
Ion Ratio	Lower Upper
136 100	
137 10.8	8.9 13.3
54 9.4	8.6 12.8
68 5.3	4.8 7.2



#23
Nitrobenzene-d5
Concen: 86.297 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138857.D
Acq: 08 Aug 2024 10:49

Tgt Ion: 82	Resp: 314986
Ion Ratio	Lower Upper
82 100	
128 40.7	32.8 49.2
54 61.2	48.3 72.5

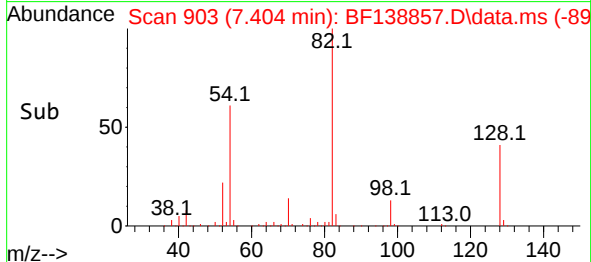
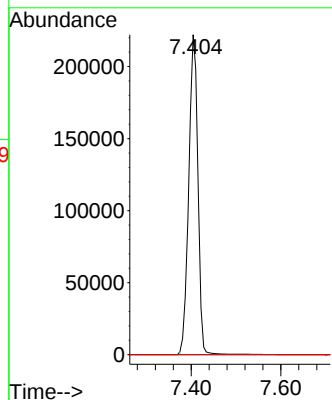
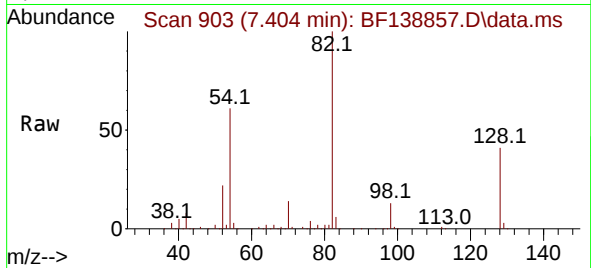




#25
Isophorone
Concen: 50.435 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138857.D
Acq: 08 Aug 2024 10:49

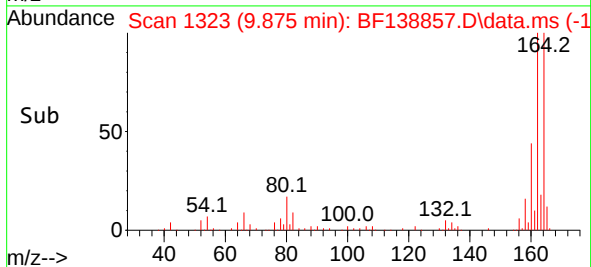
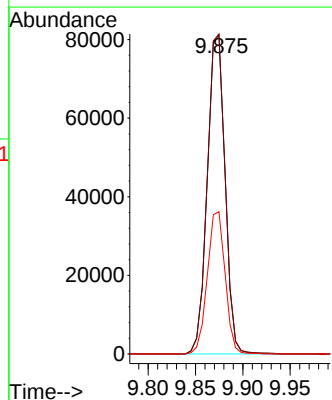
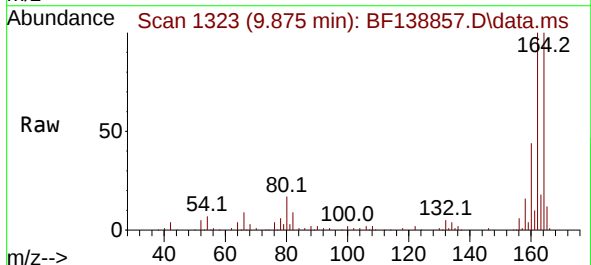
Instrument :
BNA_F
ClientSampleId :
PB162396BL

Tgt Ion: 82 Resp: 314338
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: BF138857.D
Acq: 08 Aug 2024 10:49

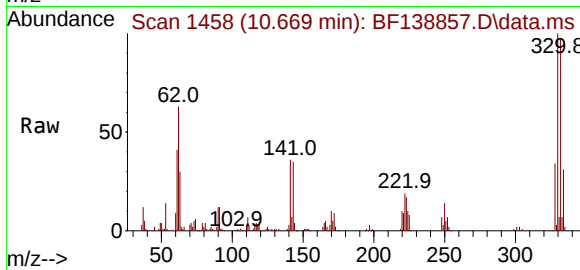
Tgt Ion:164 Resp: 106067
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.0
160 44.6 35.1 52.7



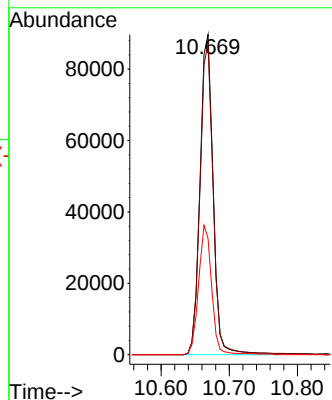
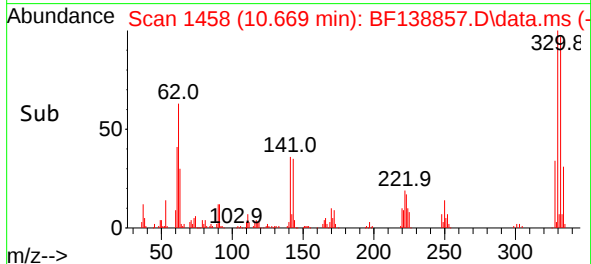


#42
2,4,6-Tribromophenol
Concen: 138.341 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138857.D
Acq: 08 Aug 2024 10:49

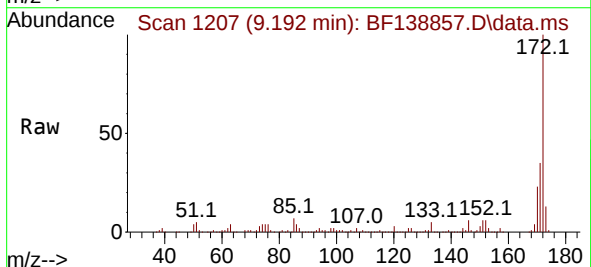
Instrument :
BNA_F
ClientSampleId :
PB162396BL



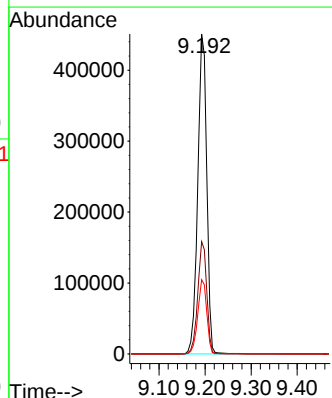
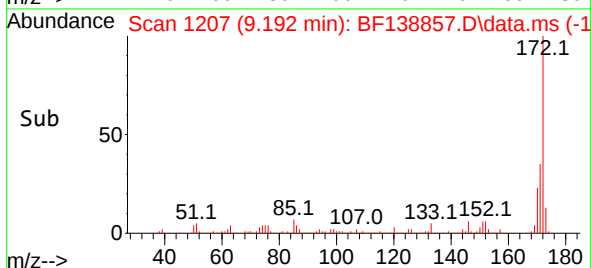
Tgt Ion:330 Resp: 120195
Ion Ratio Lower Upper
330 100
332 98.0 76.4 114.6
141 40.3 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 86.433 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138857.D
Acq: 08 Aug 2024 10:49



Tgt Ion:172 Resp: 610165
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.2 18.8 28.2

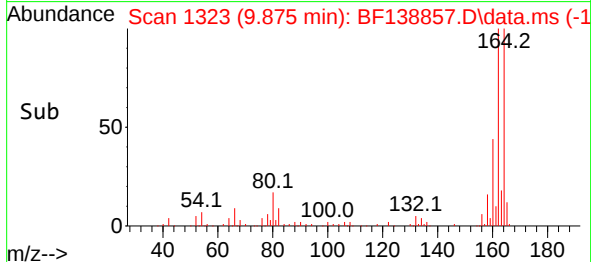
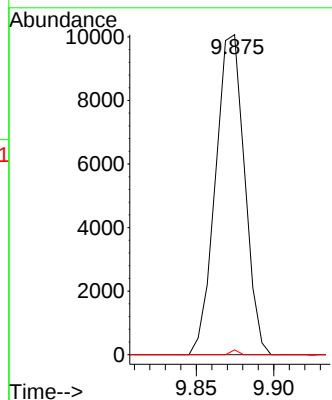
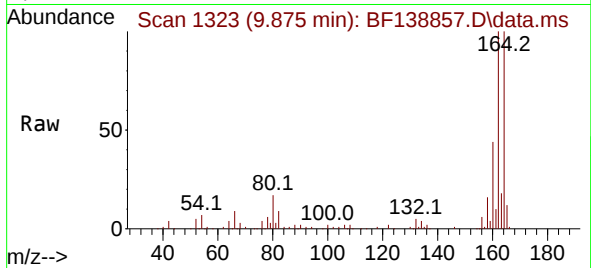




#51
2,6-Dinitrotoluene
Concen: 8.595 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138857.D
Acq: 08 Aug 2024 10:49

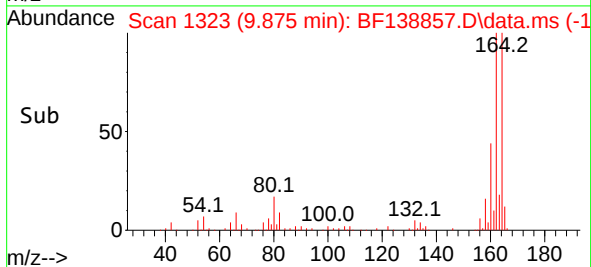
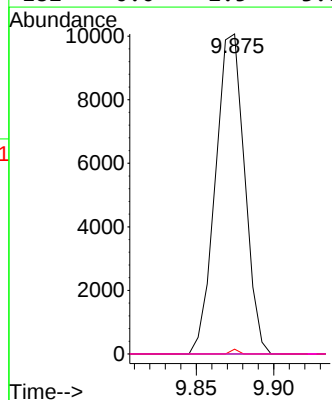
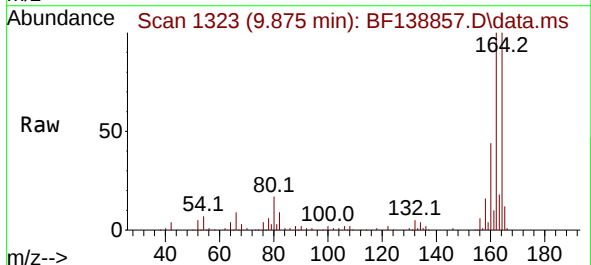
Instrument :
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Tgt Ion:165 Resp: 13156
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 1.5 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.737 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138857.D
Acq: 08 Aug 2024 10:49

Tgt Ion:165 Resp: 13156
Ion Ratio Lower Upper
165 100
63 0.0 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: 11.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138857.D

Acq: 08 Aug 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB162396BL

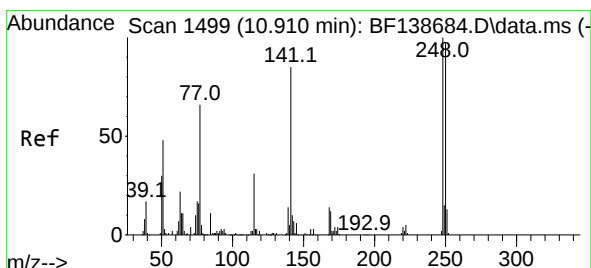
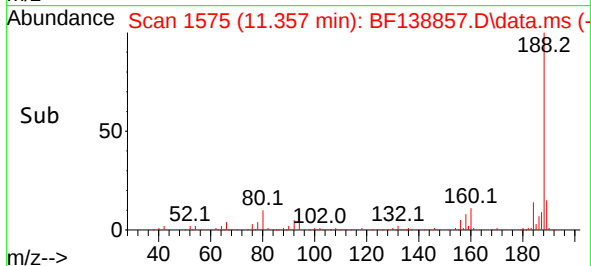
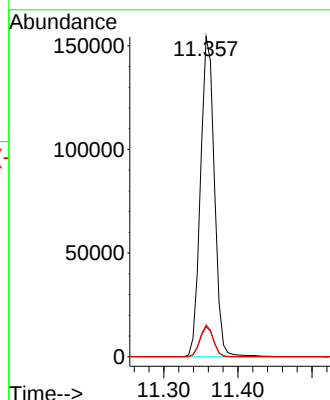
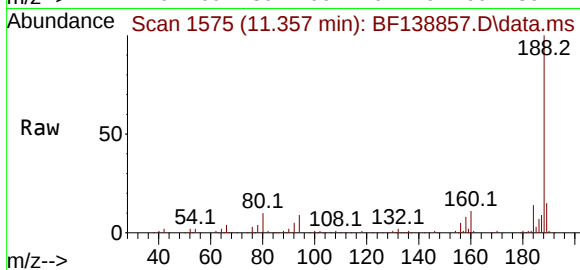
Tgt Ion:188 Resp: 200709

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 10.0 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 3.976 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138857.D

Acq: 08 Aug 2024 10:49

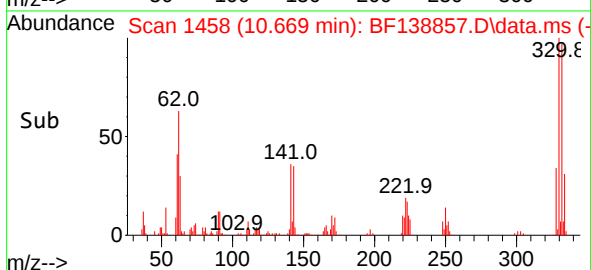
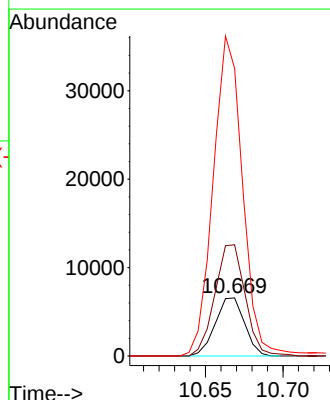
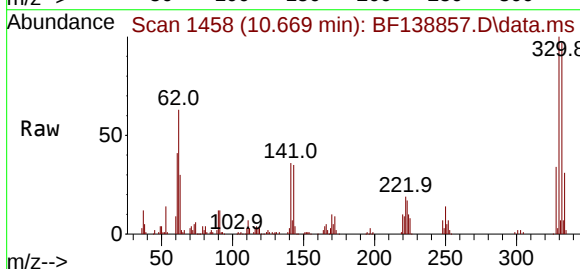
Tgt Ion:248 Resp: 8641

Ion Ratio Lower Upper

248 100

250 191.5 77.7 116.5#

141 495.5 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138857.D

Acq: 08 Aug 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB162396BL

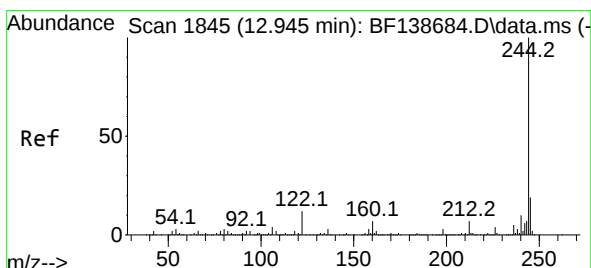
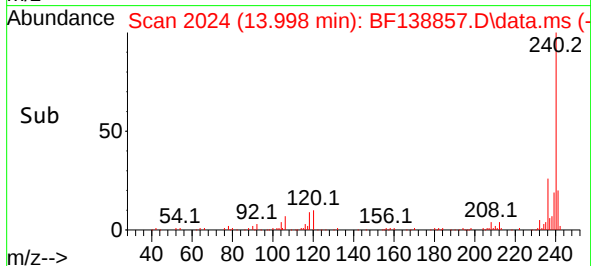
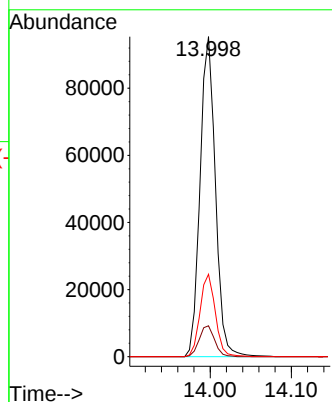
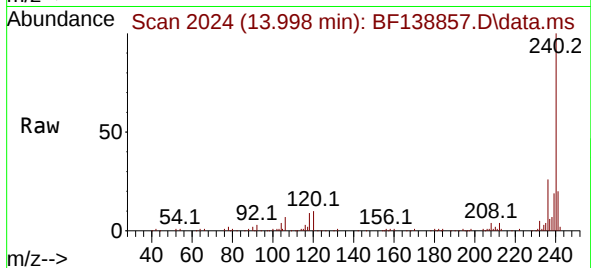
Tgt Ion:240 Resp: 125540

Ion Ratio Lower Upper

240 100

120 9.6 10.2 15.4#

236 25.7 19.8 29.8



#79

Terphenyl-d14

Concen: 95.852 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BF138857.D

Acq: 08 Aug 2024 10:49

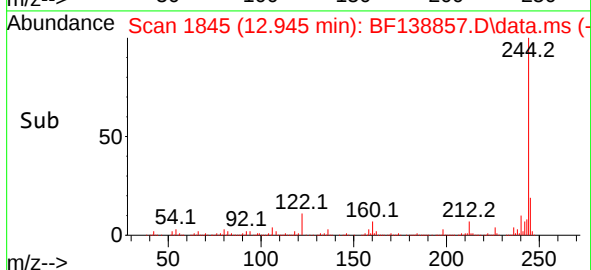
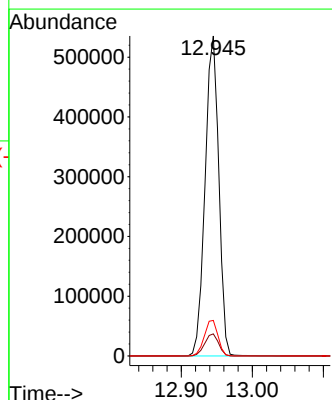
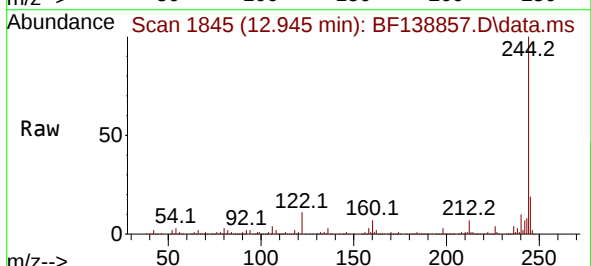
Tgt Ion:244 Resp: 718714

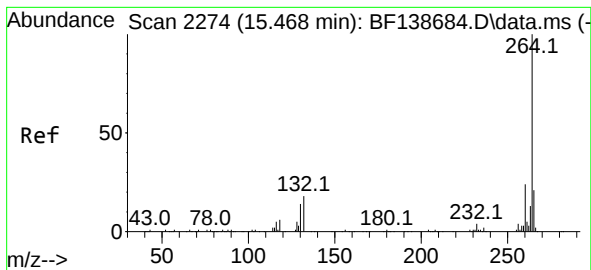
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

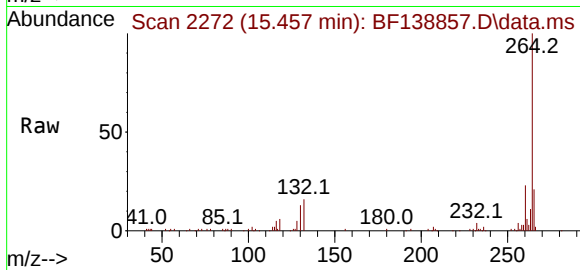
122 11.1 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF138857.D
 Acq: 08 Aug 2024 10:49

Instrument :
 BNA_F
 ClientSampleId :
 PB162396BL



Tgt Ion:264 Resp: 84599
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 21.0 17.0 25.6

