

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
 Data File : BF138968.D
 Acq On : 13 Aug 2024 11:38
 Operator : RC/JU
 Sample : PB162455TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162455TB

Quant Time: Aug 13 12:17:55 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)

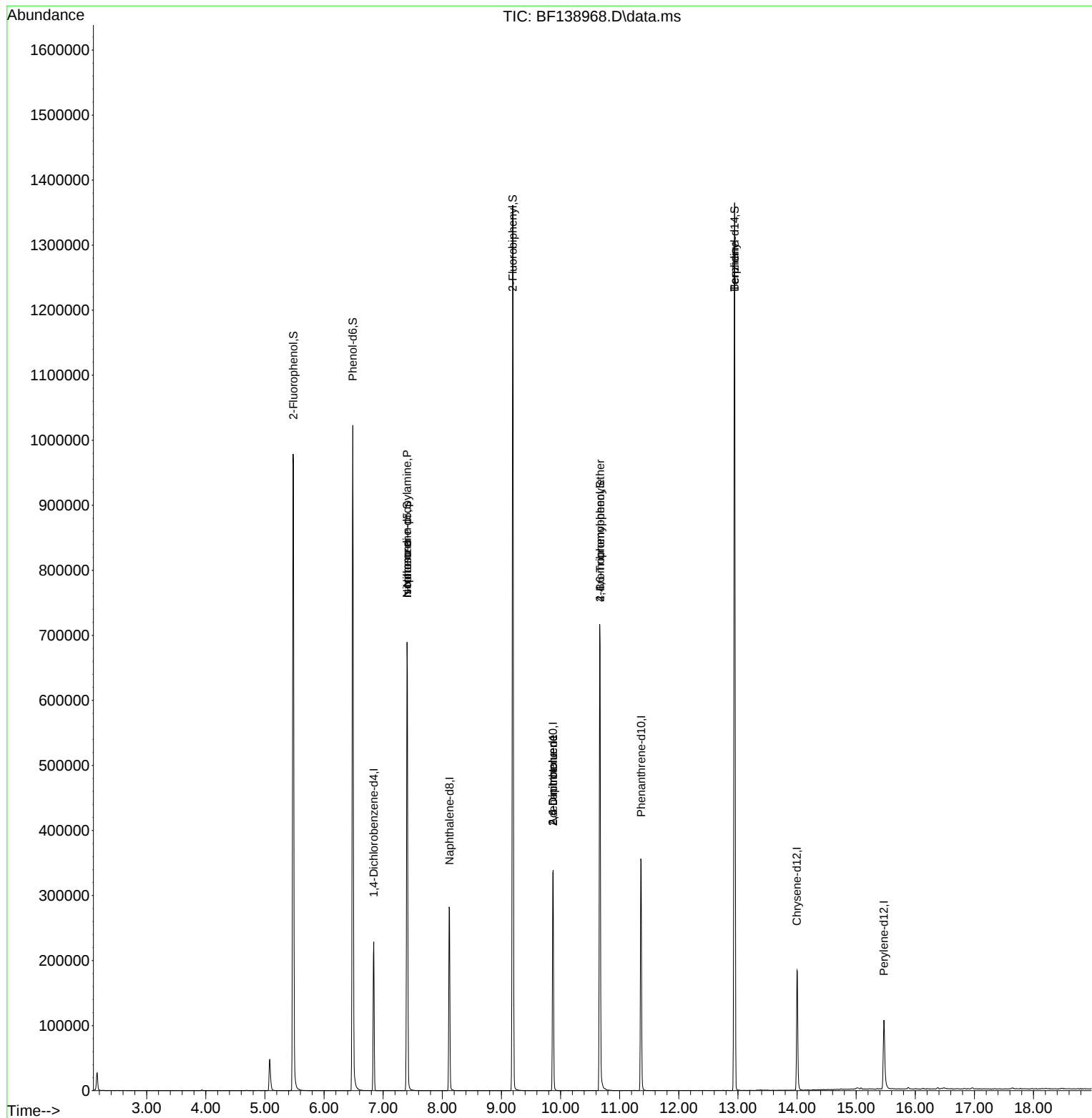
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	43466	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	178363	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	104529	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	194797	20.000	ng	0.00
76) Chrysene-d12	13.998	240	98581	20.000	ng	0.00
86) Perylene-d12	15.468	264	78257	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	337422	119.832	ng	0.01
7) Phenol-d6	6.487	99	450058	119.048	ng	0.00
23) Nitrobenzene-d5	7.404	82	300194	82.287	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	106794	124.725	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	570361	81.984	ng	-0.01
79) Terphenyl-d14	12.945	244	658963	111.916	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.404	70	41151	18.022	ng	# 81
25) Isophorone	7.404	82	298410	47.904	ng	# 66
51) 2,6-Dinitrotoluene	9.875	165	12803	8.488	ng	# 22
57) 2,4-Dinitrotoluene	9.875	165	12803	6.653	ng	# 18
67) 4-Bromophenyl-phenylether	10.669	248	7830	3.713	ng	# 1
77) Benzidine	12.945	184	8945	3.794	ng	# 86

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

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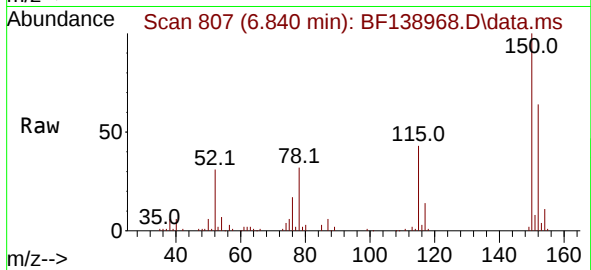
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration



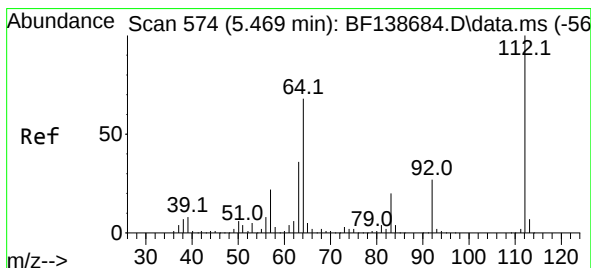
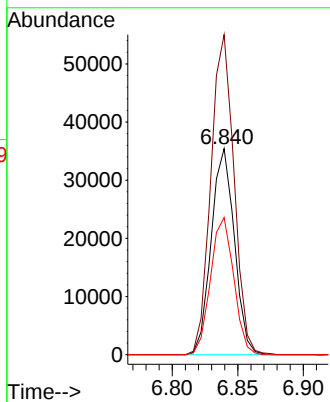
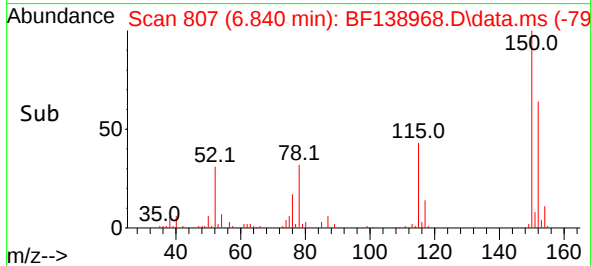


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138968.D
Acq: 13 Aug 2024 11:38

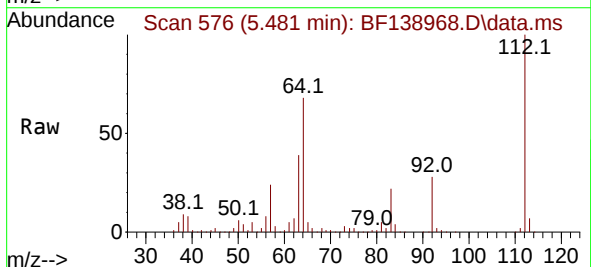
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BNA_F
ClientSampleId :
PB162455TB



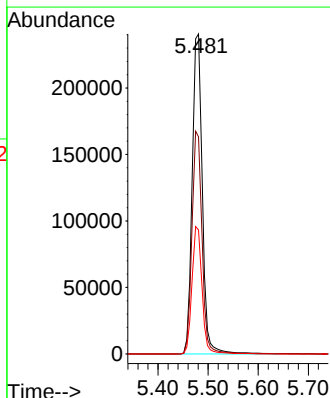
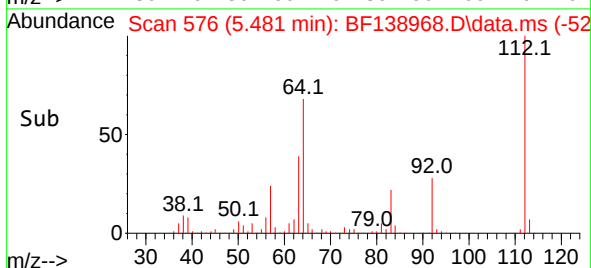
Tgt Ion:152 Resp: 43466
Ion Ratio Lower Upper
152 100
150 155.3 126.0 189.0
115 66.5 51.7 77.5



#5
2-Fluorophenol
Concen: 119.832 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138968.D
Acq: 13 Aug 2024 11:38



Tgt Ion:112 Resp: 337422
Ion Ratio Lower Upper
112 100
64 67.9 54.2 81.4
63 38.8 28.7 43.1

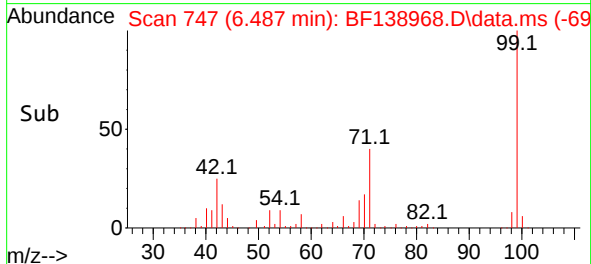
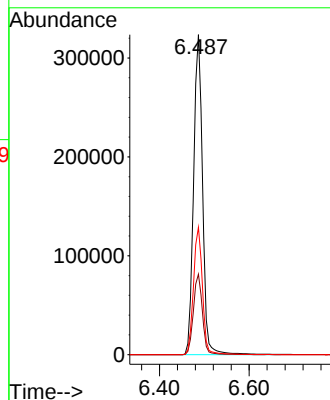
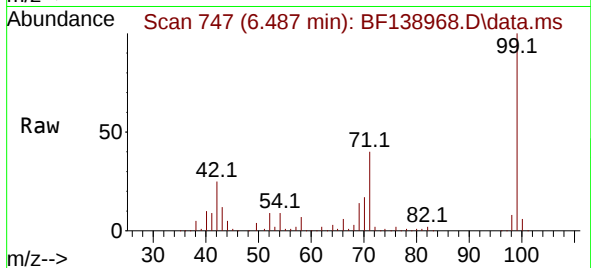




#7
Phenol-d6
Concen: 119.048 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138968.D
Acq: 13 Aug 2024 11:38

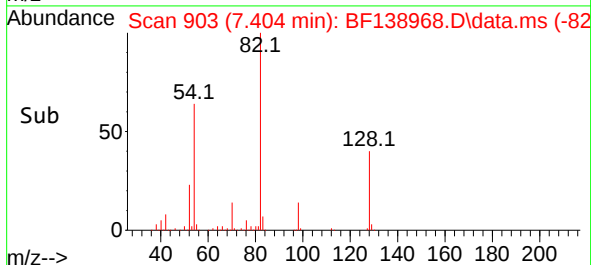
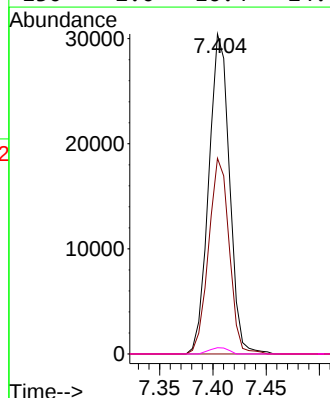
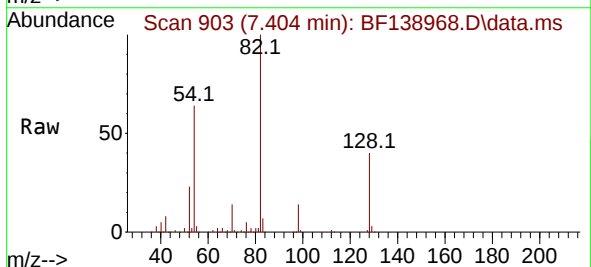
Instrument :
BNA_F
ClientSampleId :
PB162455TB

Tgt Ion: 99 Resp: 450058
Ion Ratio Lower Upper
99 100
42 25.2 17.4 26.0
71 39.8 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 18.022 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138968.D
Acq: 13 Aug 2024 11:38

Tgt Ion: 70 Resp: 41151
Ion Ratio Lower Upper
70 100
42 61.2 57.4 86.0
101 0.0 7.5 11.3#
130 2.0 16.4 24.6#

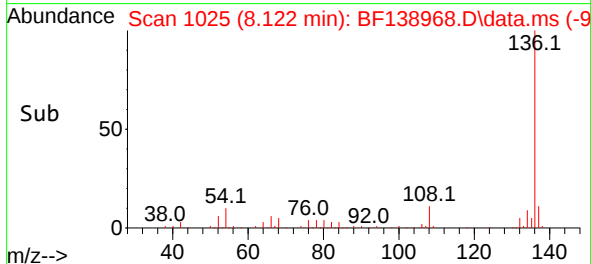
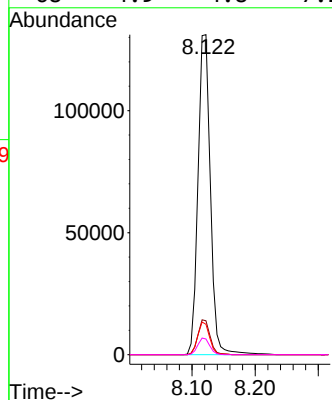
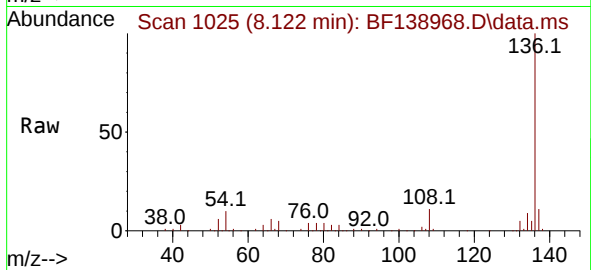




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138968.D
Acq: 13 Aug 2024 11:38

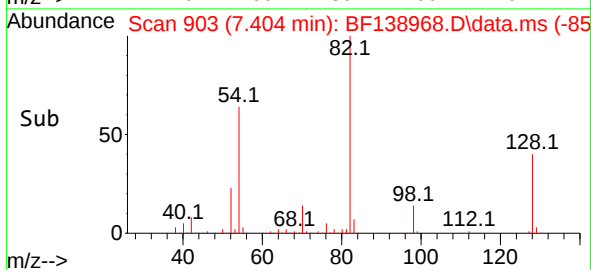
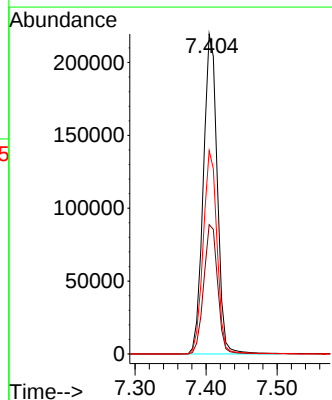
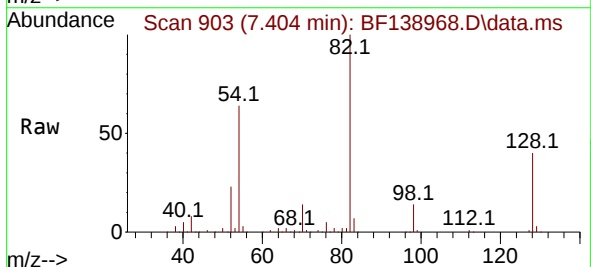
Instrument :
BNA_F
ClientSampleId :
PB162455TB

Tgt Ion:	136	Resp:	178363
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	9.5	8.6	12.8
68	4.9	4.8	7.2



#23
Nitrobenzene-d5
Concen: 82.287 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138968.D
Acq: 13 Aug 2024 11:38

Tgt Ion:	82	Resp:	300194
Ion Ratio	Lower	Upper	
82	100		
128	40.4	32.8	49.2
54	63.6	48.3	72.5

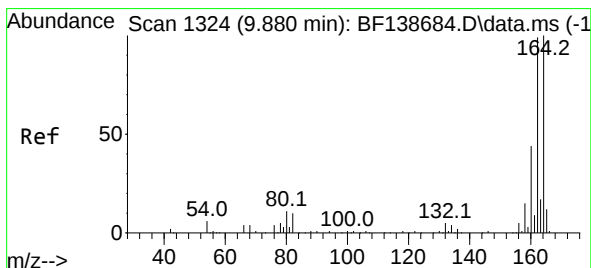
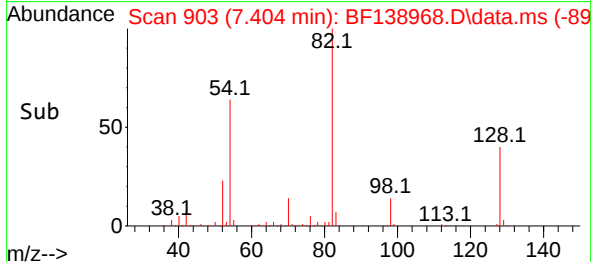
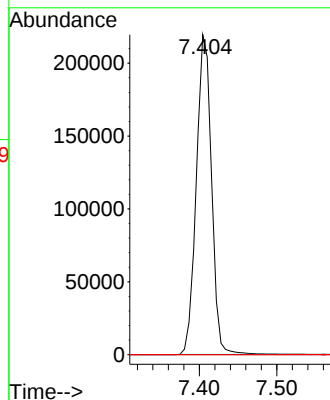
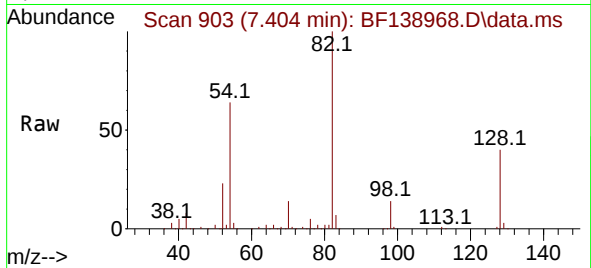




#25
Isophorone
Concen: 47.904 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138968.D
Acq: 13 Aug 2024 11:38

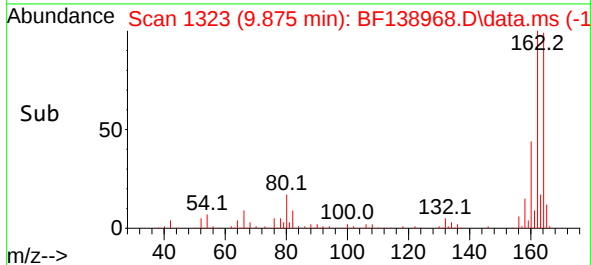
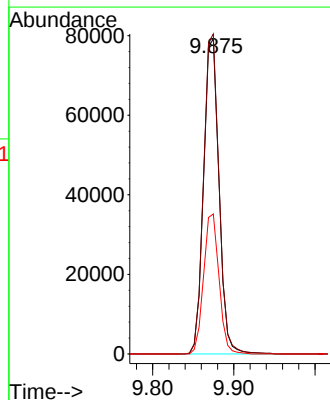
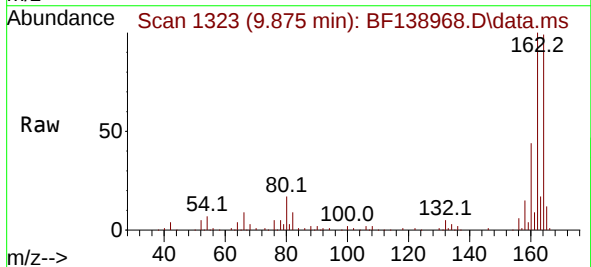
Instrument :
BNA_F
ClientSampleId :
PB162455TB

Tgt Ion: 82 Resp: 298410
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: BF138968.D
Acq: 13 Aug 2024 11:38

Tgt Ion:164 Resp: 104529
Ion Ratio Lower Upper
164 100
162 101.5 79.4 119.0
160 44.4 35.1 52.7

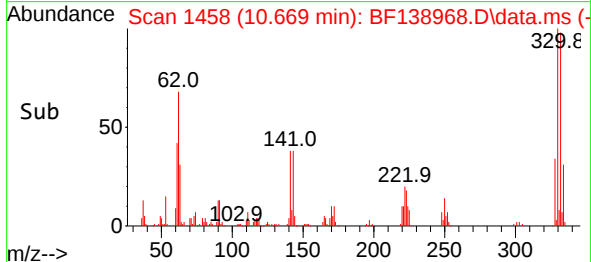
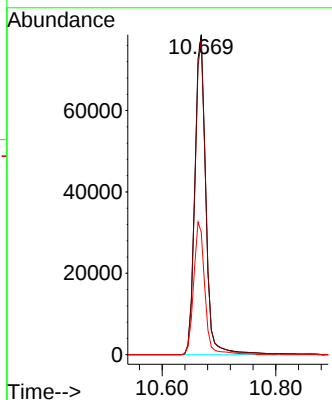
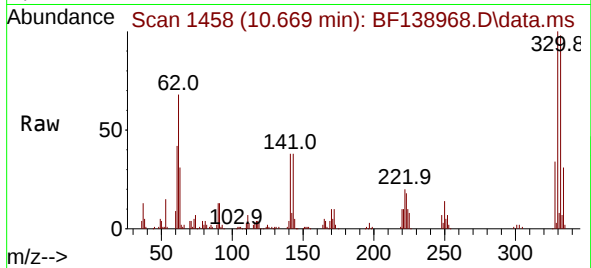




#42
2,4,6-Tribromophenol
Concen: 124.725 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138968.D
Acq: 13 Aug 2024 11:38

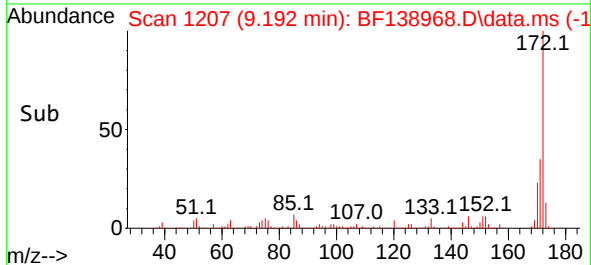
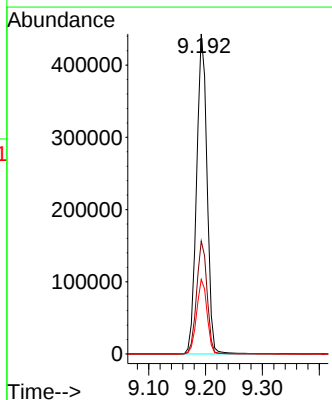
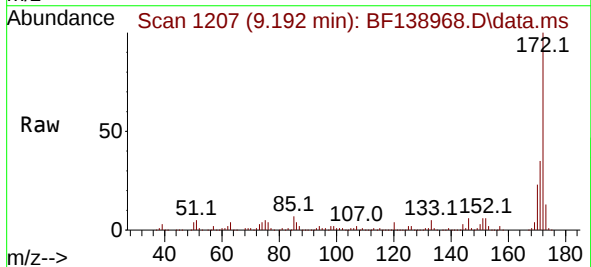
Instrument :
BNA_F
ClientSampleId :
PB162455TB

Tgt Ion:330 Resp: 106794
Ion Ratio Lower Upper
330 100
332 97.8 76.4 114.6
141 41.9 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 81.984 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138968.D
Acq: 13 Aug 2024 11:38

Tgt Ion:172 Resp: 570361
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.3 18.8 28.2

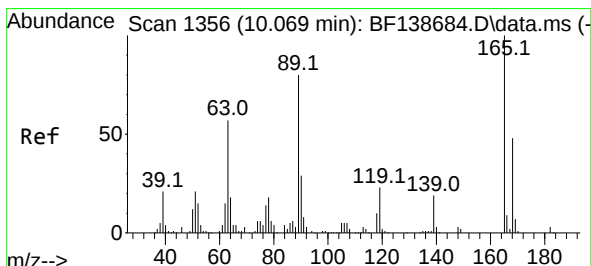
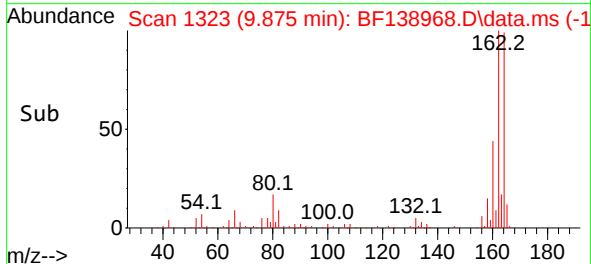
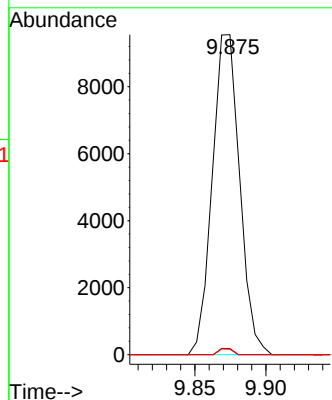
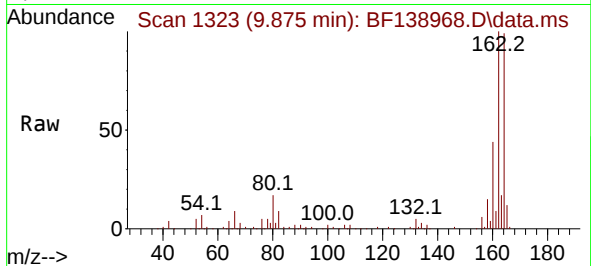




#51
2,6-Dinitrotoluene
Concen: 8.488 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138968.D
Acq: 13 Aug 2024 11:38

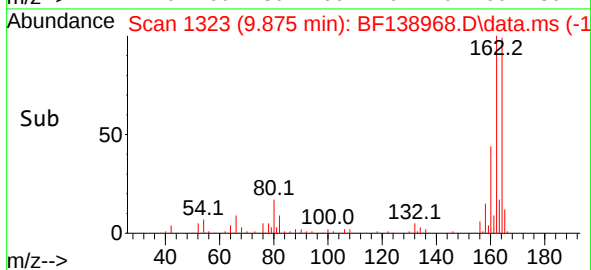
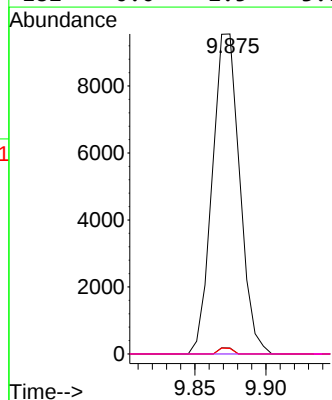
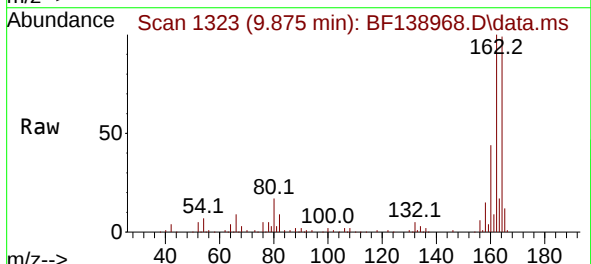
Instrument :
BNA_F
ClientSampleId :
PB162455TB

Tgt Ion:165 Resp: 12803
Ion Ratio Lower Upper
165 100
63 1.9 52.0 78.0#
89 1.7 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.653 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138968.D
Acq: 13 Aug 2024 11:38

Tgt Ion:165 Resp: 12803
Ion Ratio Lower Upper
165 100
63 1.9 46.3 69.5#
89 1.7 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: BF138968.D

Acq: 13 Aug 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB162455TB

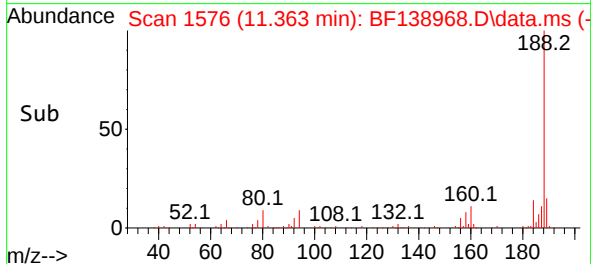
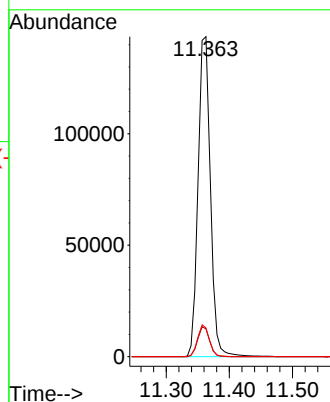
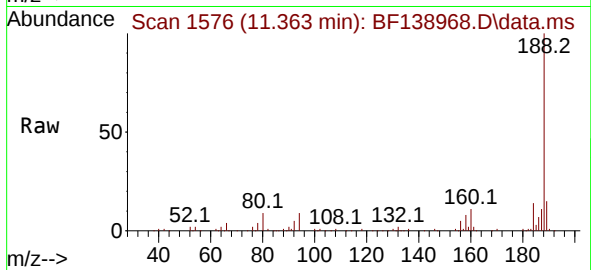
Tgt Ion:188 Resp: 194797

Ion Ratio Lower Upper

188 100

94 8.7 7.6 11.4

80 9.0 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 3.713 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138968.D

Acq: 13 Aug 2024 11:38

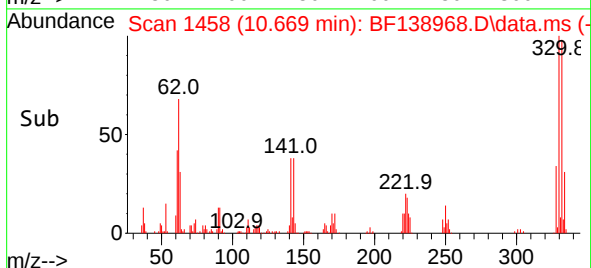
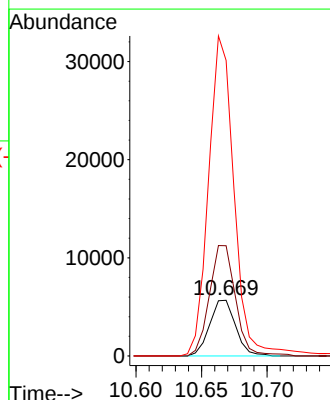
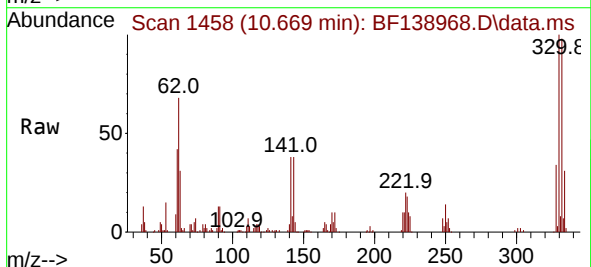
Tgt Ion:248 Resp: 7830

Ion Ratio Lower Upper

248 100

250 197.9 77.7 116.5#

141 530.8 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: BF138968.D

Acq: 13 Aug 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB162455TB

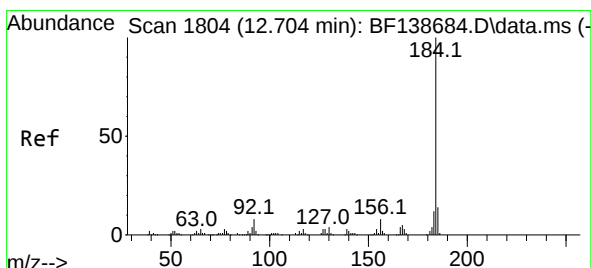
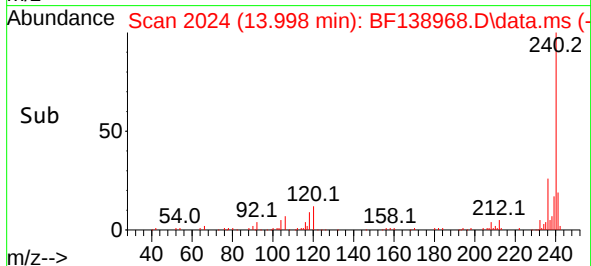
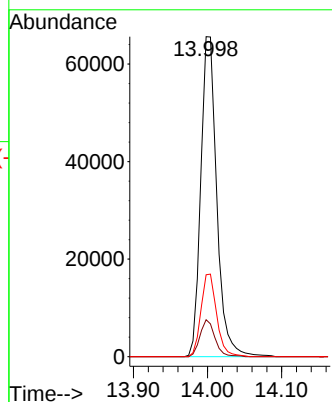
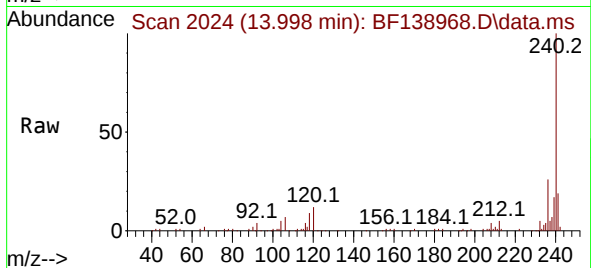
Tgt Ion:240 Resp: 98581

Ion Ratio Lower Upper

240 100

120 11.5 10.2 15.4

236 25.6 19.8 29.8



#77

Benzidine

Concen: 3.794 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.241 min

Lab File: BF138968.D

Acq: 13 Aug 2024 11:38

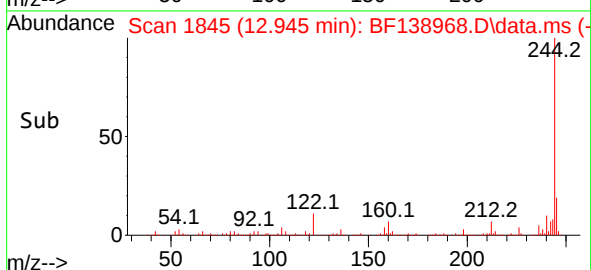
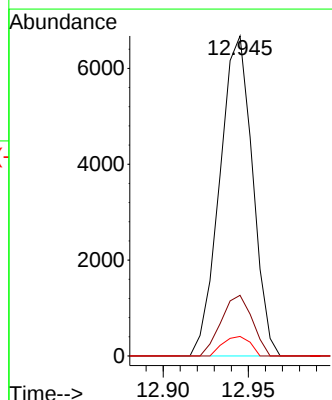
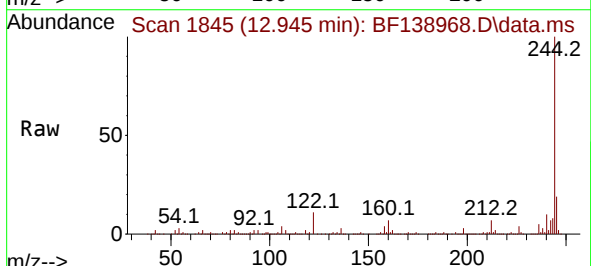
Tgt Ion:184 Resp: 8945

Ion Ratio Lower Upper

184 100

185 18.9 11.1 16.7#

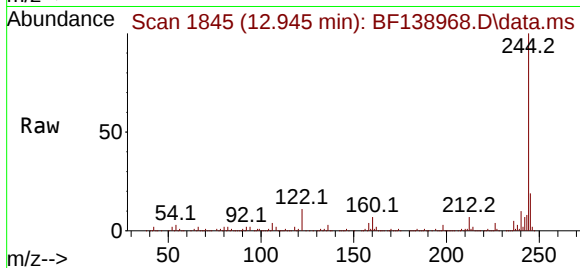
183 6.1 9.6 14.4#



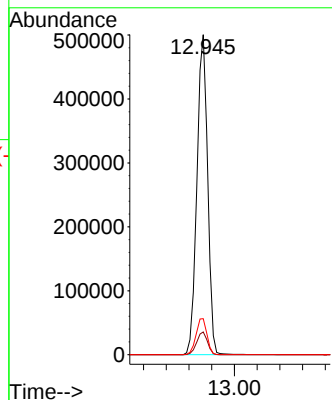
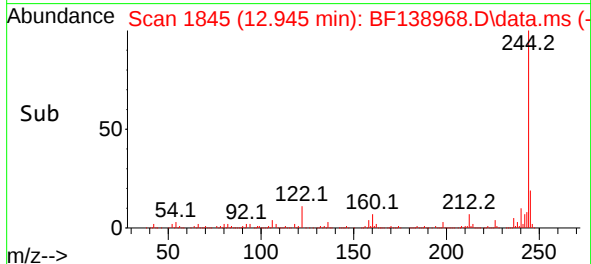


#79
 Terphenyl-d14
 Concen: 111.916 ng
 RT: 12.945 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: BF138968.D
 Acq: 13 Aug 2024 11:38

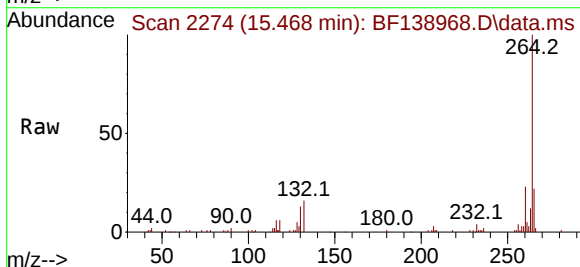
Instrument :
 BNA_F
 ClientSampleId :
 PB162455TB



Tgt Ion:244 Resp: 658963
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 11.3 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: BF138968.D
 Acq: 13 Aug 2024 11:38



Tgt Ion:264 Resp: 78257
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 22.2 17.0 25.6

