

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138864.D
 Acq On : 08 Aug 2024 14:23
 Operator : RC/JU
 Sample : PB162401TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 08 14:43:39 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)

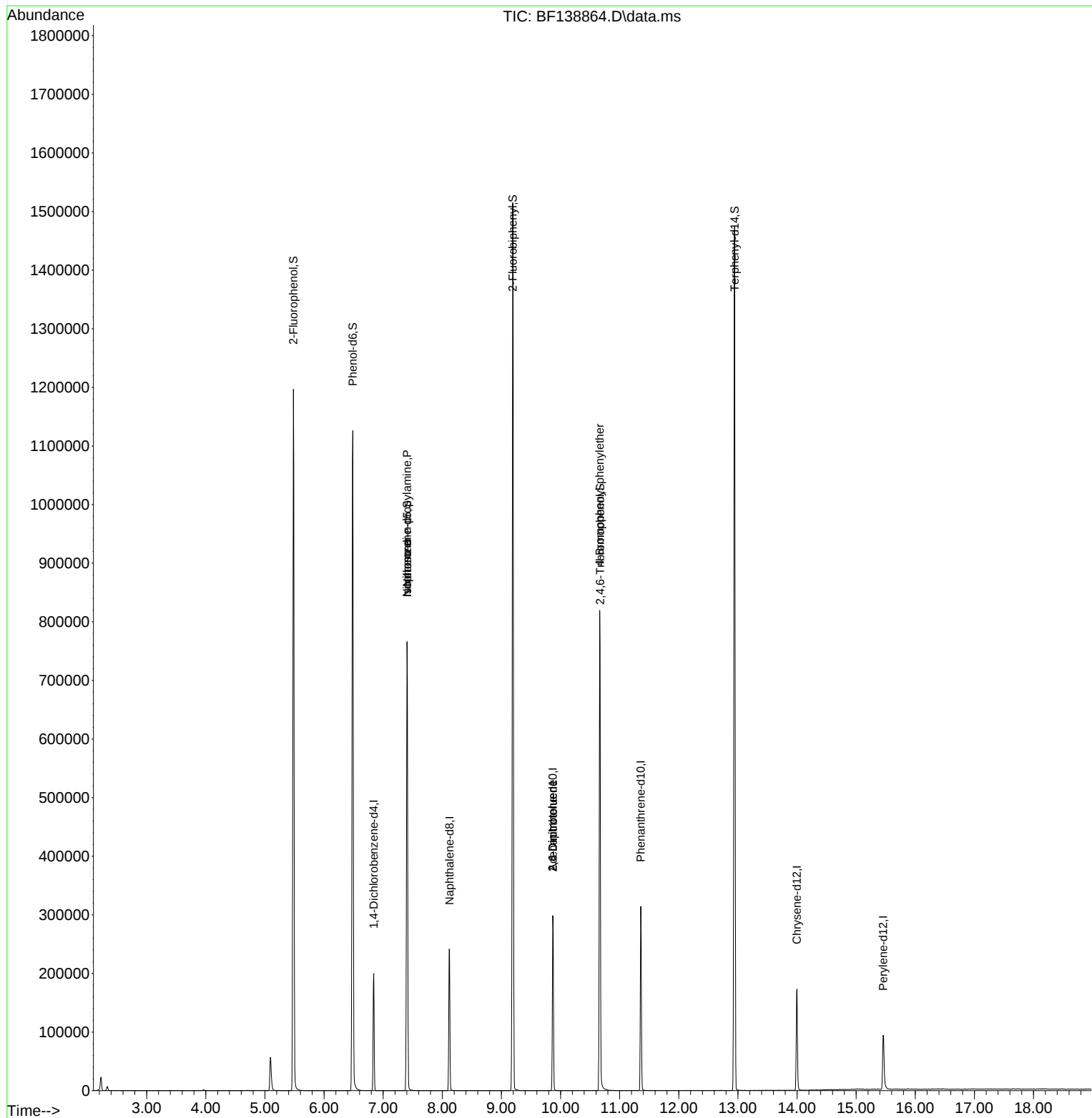
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	37816	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	153802	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	89125	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	161361	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	88311	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	64695	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	402288	164.214	ng	0.01
7) Phenol-d6	6.487	99	530093	161.168	ng	0.00
23) Nitrobenzene-d5	7.404	82	347234	110.380	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	123248	168.821	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	664020	111.943	ng	-0.01
79) Terphenyl-d14	12.945	244	745953	141.424	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	48497	24.413	ng	# 79
25) Isophorone	7.404	82	346715	64.546	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	11216	8.721	ng	# 22
57) 2,4-Dinitrotoluene	9.869	165	11216	6.835	ng	# 19
67) 4-Bromophenyl-phenylether	10.663	248	8621	4.935	ng	# 1

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

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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

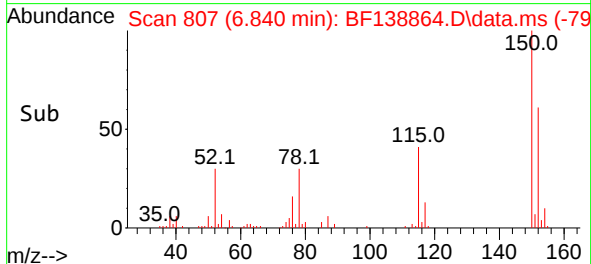
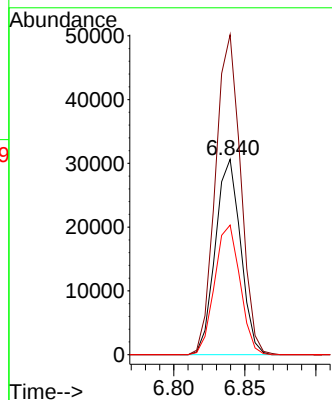
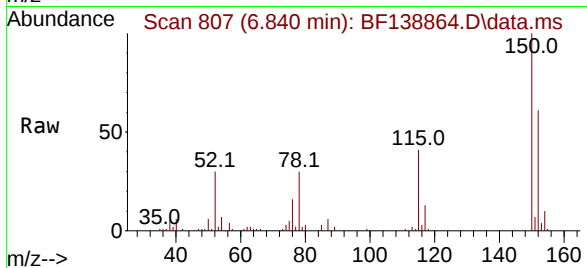




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138864.D
Acq: 08 Aug 2024 14:23

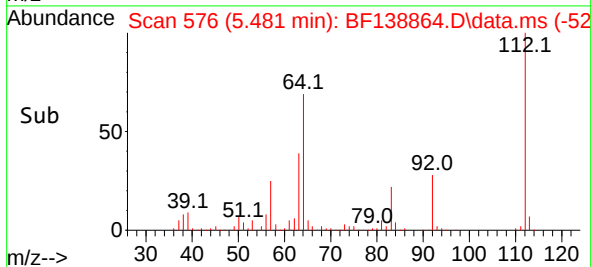
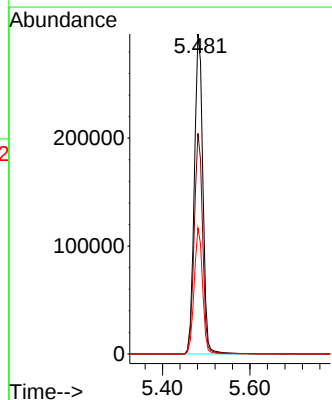
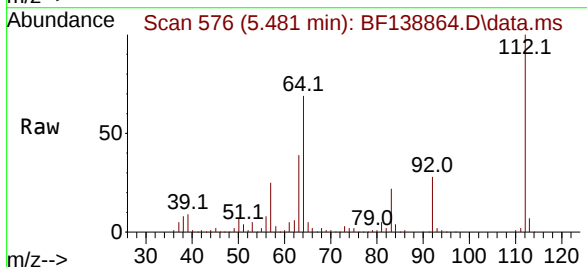
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 37816
Ion Ratio Lower Upper
152 100
150 163.8 126.0 189.0
115 66.4 51.7 77.5



#5
2-Fluorophenol
Concen: 164.214 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138864.D
Acq: 08 Aug 2024 14:23

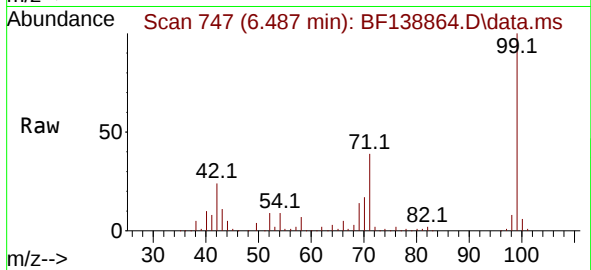
Tgt Ion:112 Resp: 402288
Ion Ratio Lower Upper
112 100
64 68.9 54.2 81.4
63 39.3 28.7 43.1



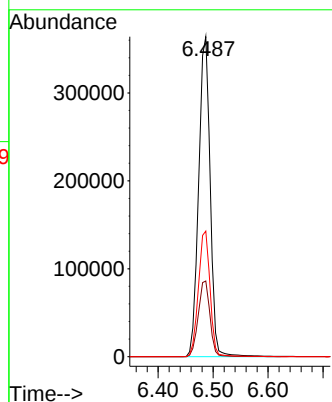
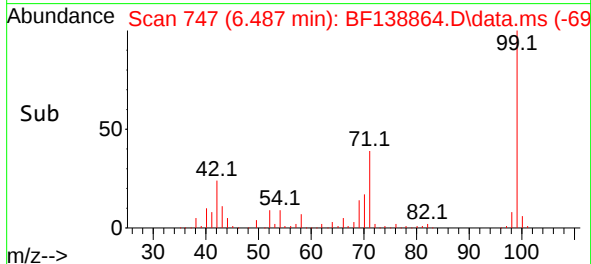


#7
Phenol-d6
Concen: 161.168 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138864.D
Acq: 08 Aug 2024 14:23

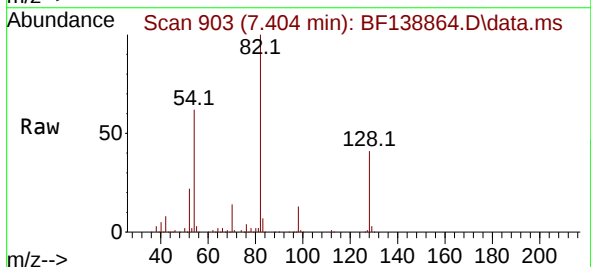
Instrument :
BNA_F
ClientSampleId :



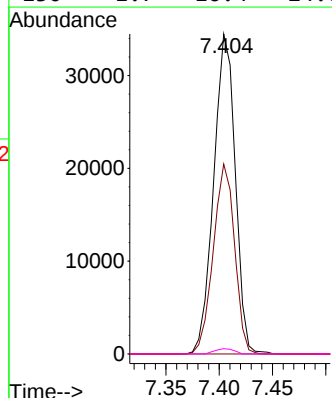
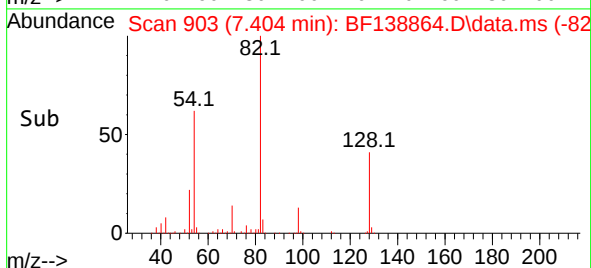
Tgt Ion: 99 Resp: 530093
Ion Ratio Lower Upper
99 100
42 23.7 17.4 26.0
71 39.3 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 24.413 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138864.D
Acq: 08 Aug 2024 14:23



Tgt Ion: 70 Resp: 48497
Ion Ratio Lower Upper
70 100
42 59.4 57.4 86.0
101 0.0 7.5 11.3#
130 1.7 16.4 24.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1

Delta R.T. -0.006 min

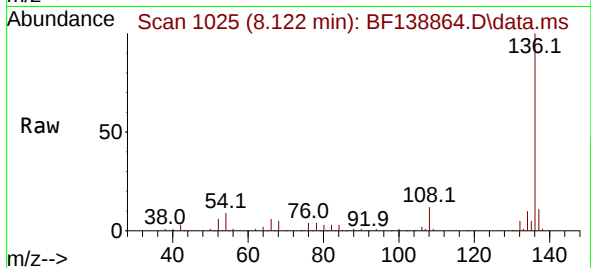
Lab File: BF138864.D

Acq: 08 Aug 2024 14:23

Instrument :

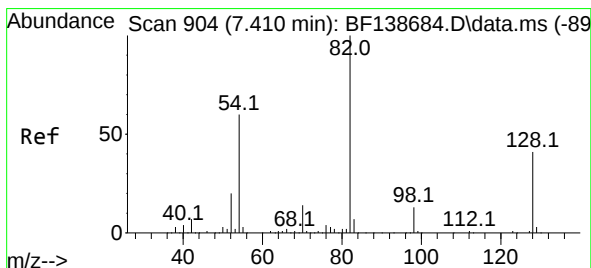
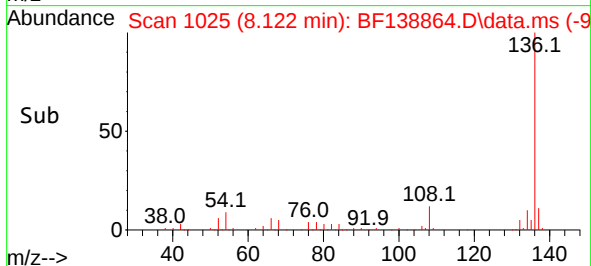
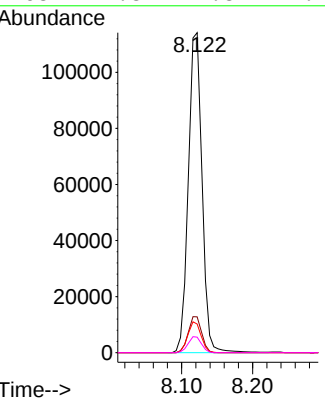
BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 153802

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.0	8.6	12.8
68	4.8	4.8	7.2



#23

Nitrobenzene-d5

Concen: 110.380 ng

RT: 7.404 min Scan# 903

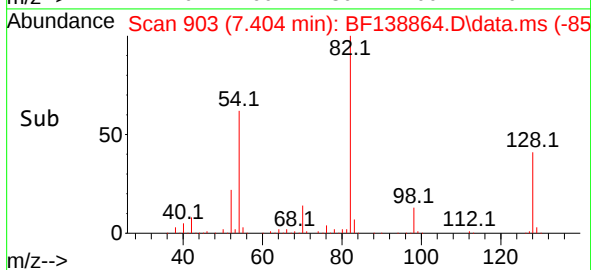
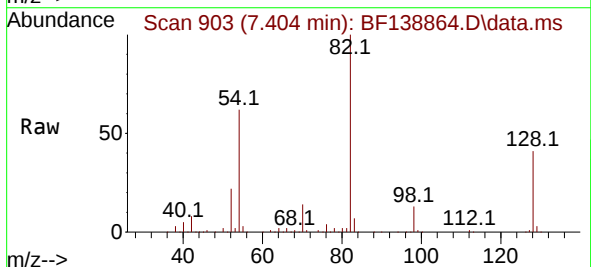
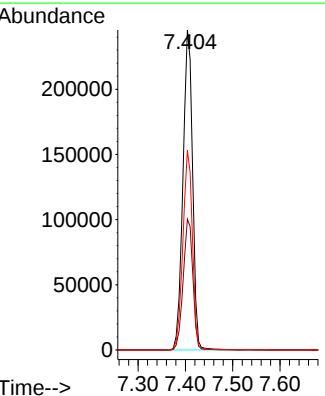
Delta R.T. -0.006 min

Lab File: BF138864.D

Acq: 08 Aug 2024 14:23

Tgt Ion: 82 Resp: 347234

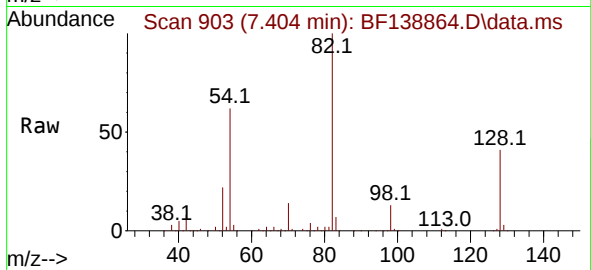
Ion	Ratio	Lower	Upper
82	100		
128	40.9	32.8	49.2
54	62.3	48.3	72.5



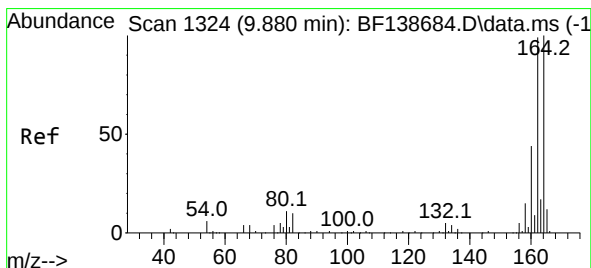
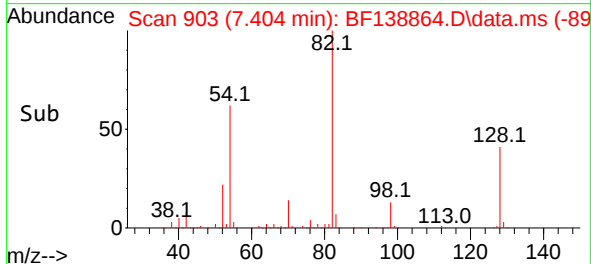
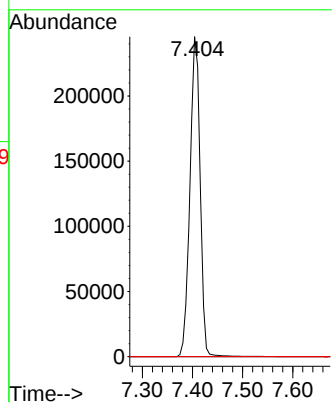


#25
Isophorone
Concen: 64.546 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138864.D
Acq: 08 Aug 2024 14:23

Instrument :
BNA_F
ClientSampleId :

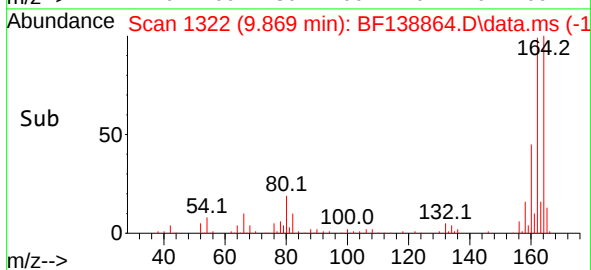
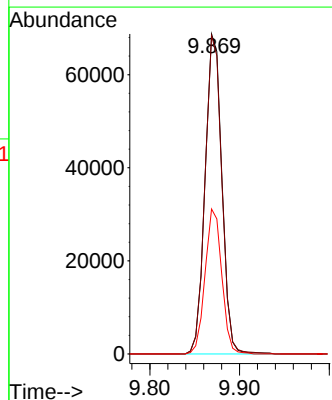
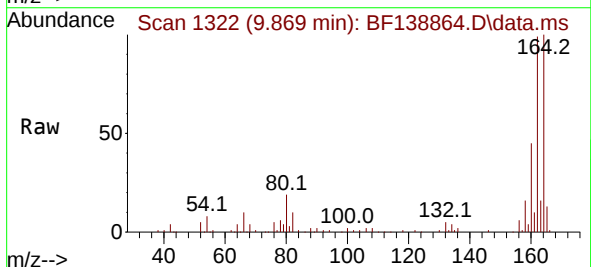


Tgt Ion: 82 Resp: 346715
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138864.D
Acq: 08 Aug 2024 14:23

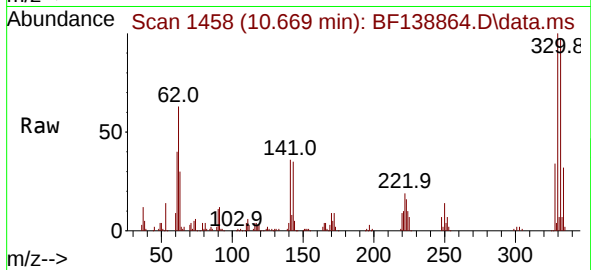
Tgt Ion: 164 Resp: 89125
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.0
160 45.3 35.1 52.7



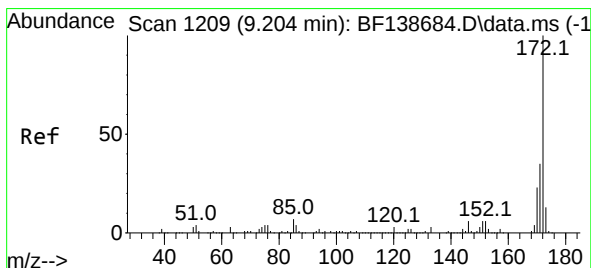
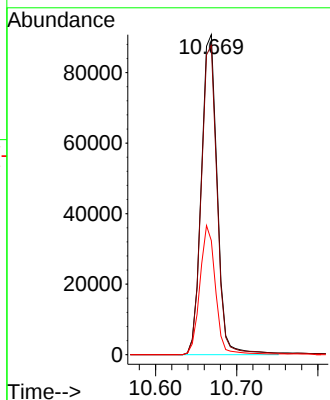
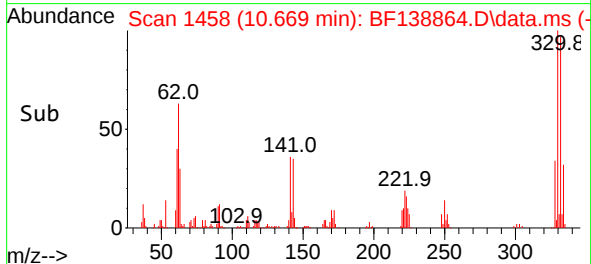


#42
2,4,6-Tribromophenol
Concen: 168.821 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138864.D
Acq: 08 Aug 2024 14:23

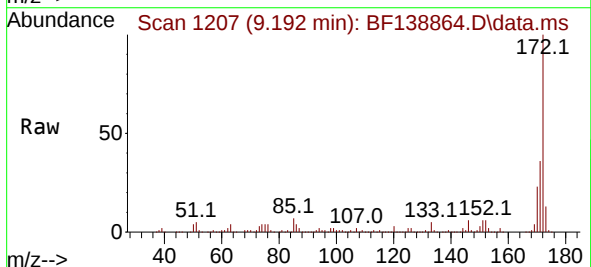
Instrument :
BNA_F
ClientSampleId :



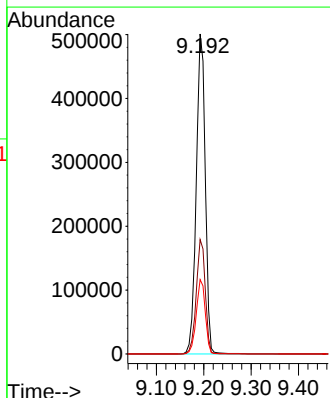
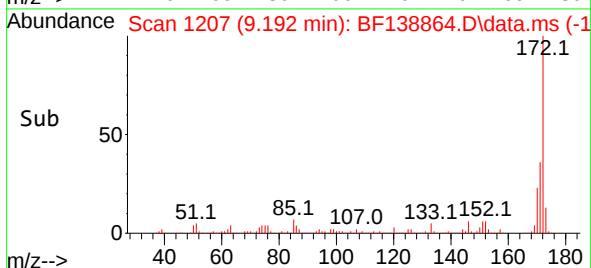
Tgt Ion:330 Resp: 123248
Ion Ratio Lower Upper
330 100
332 96.8 76.4 114.6
141 39.8 31.1 46.7

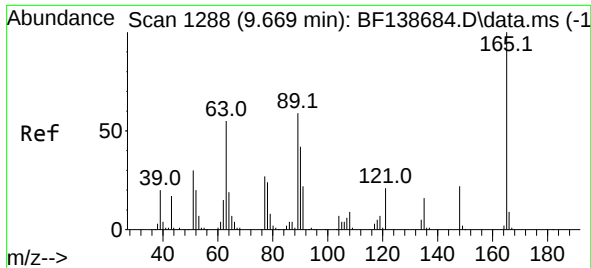


#45
2-Fluorobiphenyl
Concen: 111.943 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138864.D
Acq: 08 Aug 2024 14:23



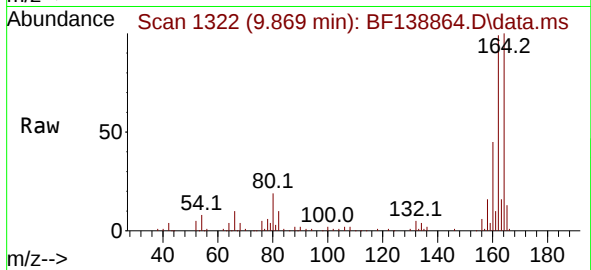
Tgt Ion:172 Resp: 664020
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.2 18.8 28.2



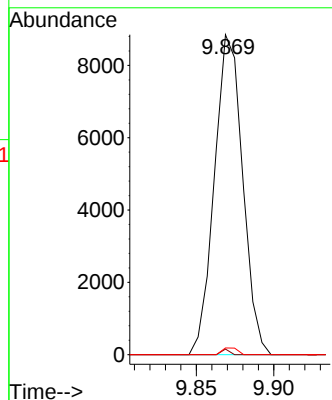
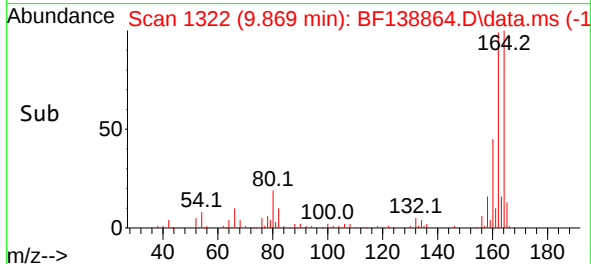


#51
2,6-Dinitrotoluene
Concen: 8.721 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138864.D
Acq: 08 Aug 2024 14:23

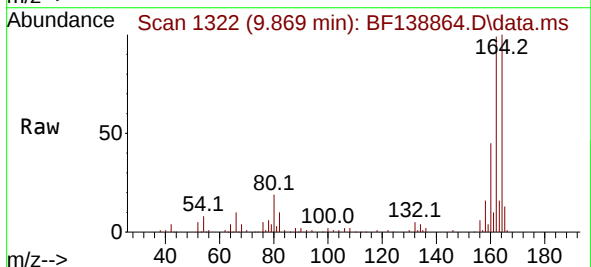
Instrument :
BNA_F
ClientSampleId :



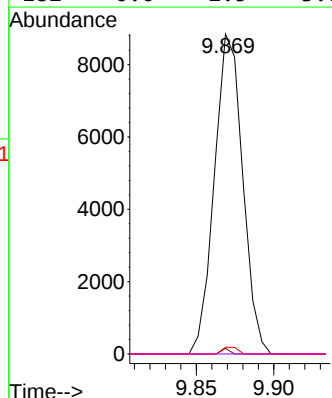
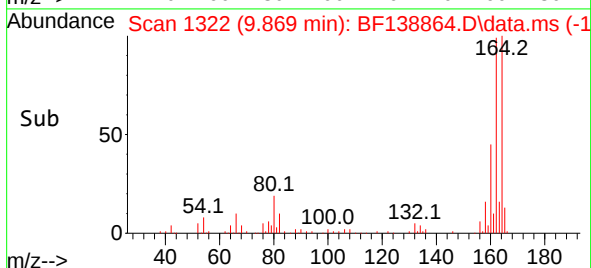
Tgt Ion:165 Resp: 11216
Ion Ratio Lower Upper
165 100
63 1.8 52.0 78.0#
89 2.1 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.835 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138864.D
Acq: 08 Aug 2024 14:23



Tgt Ion:165 Resp: 11216
Ion Ratio Lower Upper
165 100
63 1.8 46.3 69.5#
89 2.1 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138864.D

Acq: 08 Aug 2024 14:23

Instrument :

BNA_F

ClientSampleId :

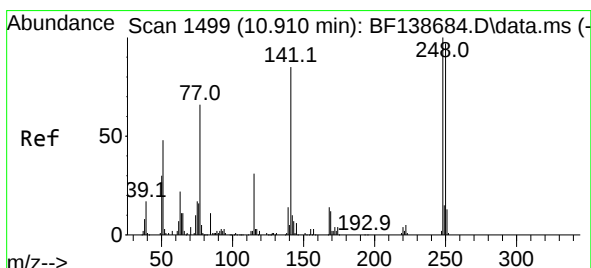
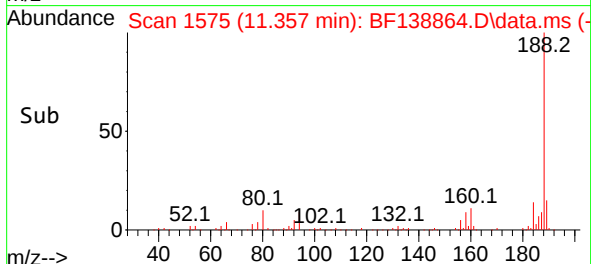
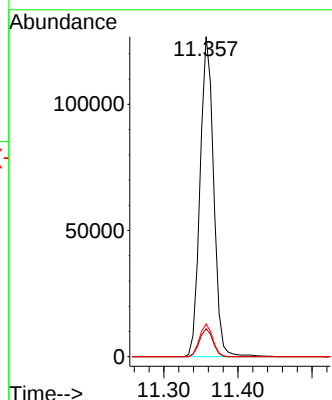
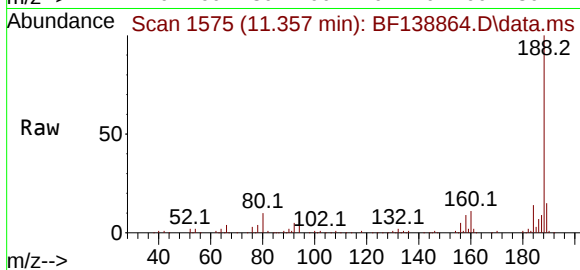
Tgt Ion:188 Resp: 161361

Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

80 10.2 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.935 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138864.D

Acq: 08 Aug 2024 14:23

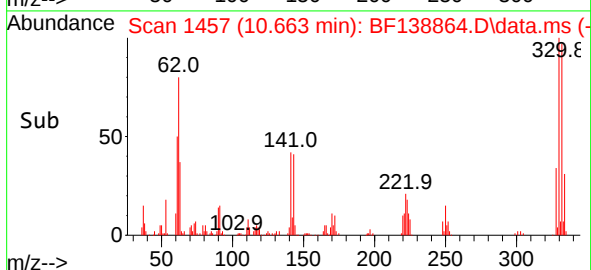
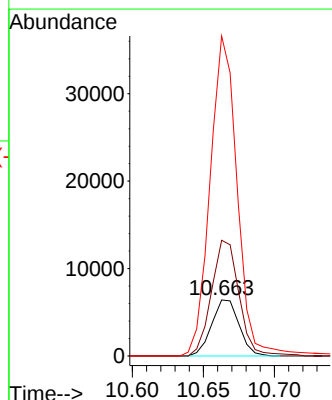
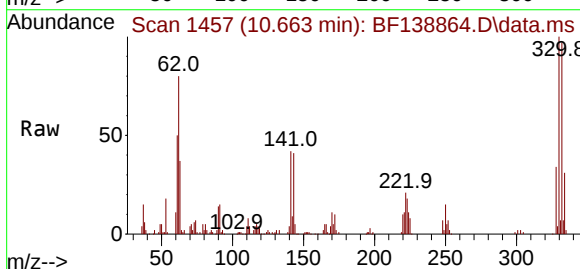
Tgt Ion:248 Resp: 8621

Ion Ratio Lower Upper

248 100

250 206.2 77.7 116.5#

141 570.5 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: BF138864.D

Acq: 08 Aug 2024 14:23

Instrument :

BNA_F

ClientSampleId :

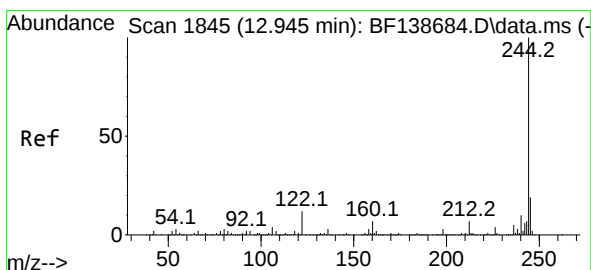
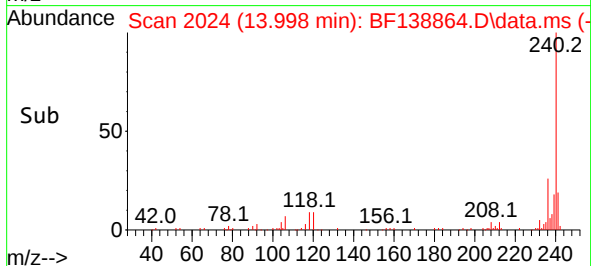
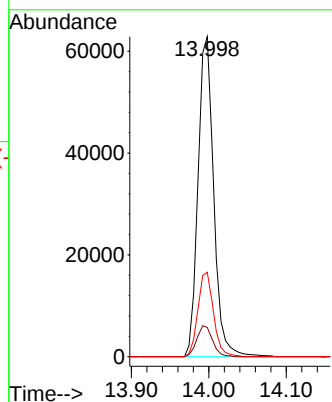
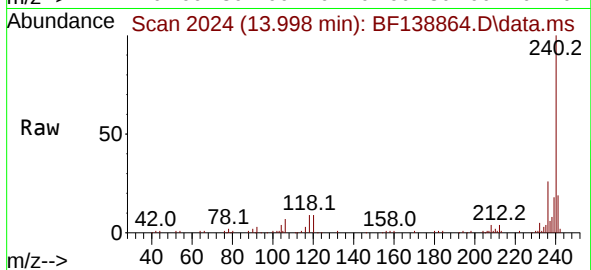
Tgt Ion:240 Resp: 88311

Ion Ratio Lower Upper

240 100

120 9.1 10.2 15.4#

236 26.4 19.8 29.8



#79

Terphenyl-d14

Concen: 141.424 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BF138864.D

Acq: 08 Aug 2024 14:23

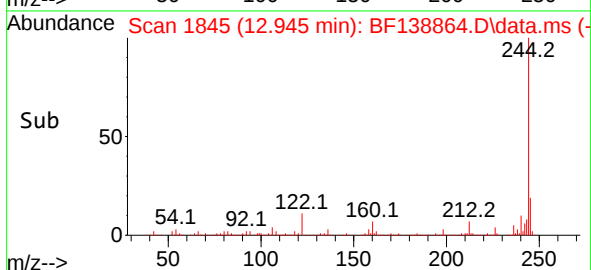
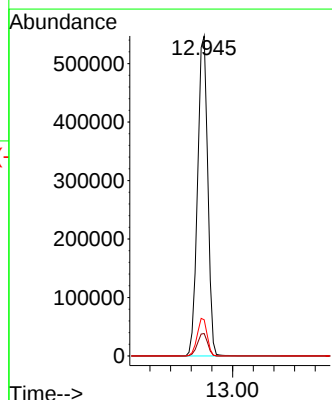
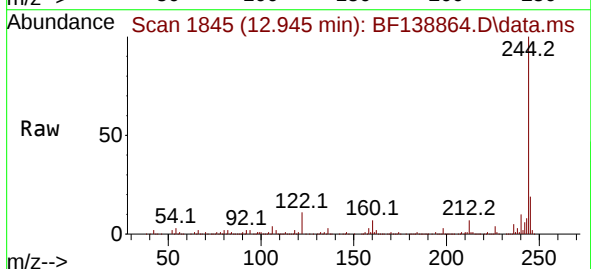
Tgt Ion:244 Resp: 745953

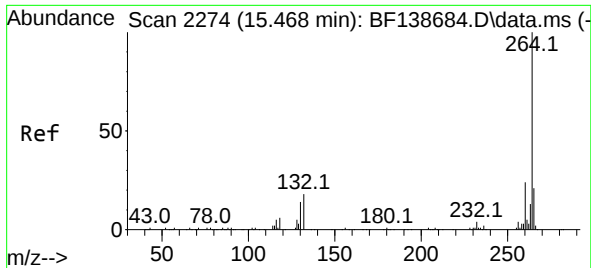
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

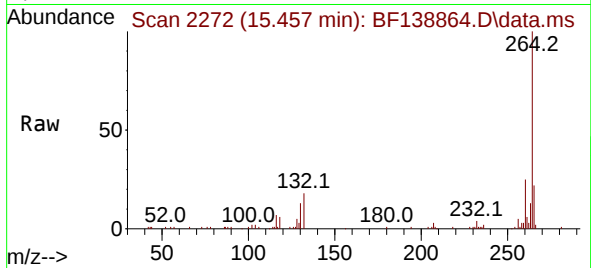
122 11.3 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138864.D
Acq: 08 Aug 2024 14:23

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264	Resp:	64695
Ion Ratio	Lower	Upper
264	100	
260	24.6	19.0 28.6
265	22.1	17.0 25.6

