

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
 Data File : BF138772.D
 Acq On : 03 Aug 2024 16:14
 Operator : RC/JU
 Sample : P3448-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2

Quant Time: Aug 05 00:52:42 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)

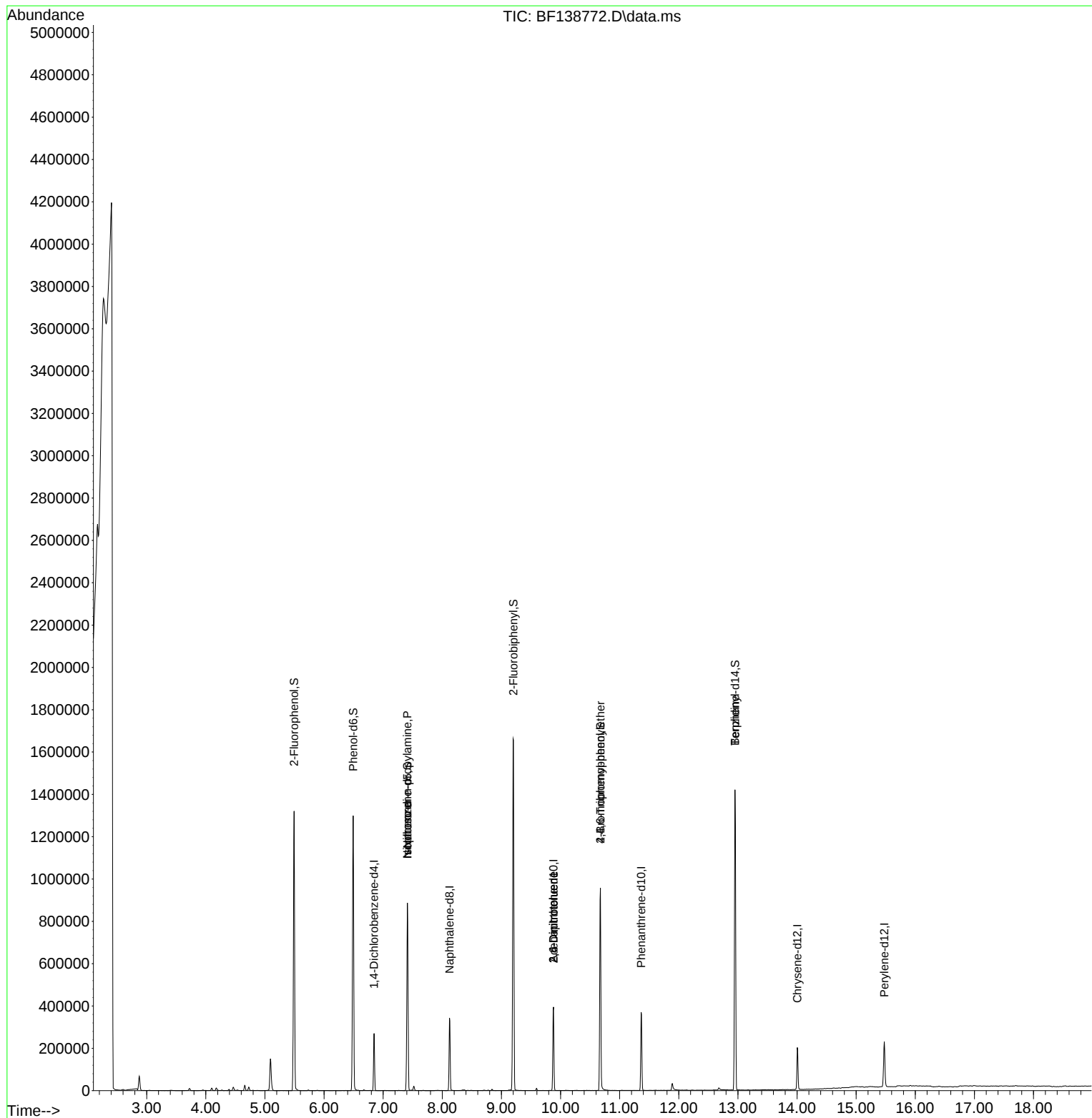
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	51195	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	212439	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	118864	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	197066	20.000	ng	0.00
76) Chrysene-d12	14.004	240	92292	20.000	ng	0.00
86) Perylene-d12	15.474	264	124460	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	463309	139.699	ng	0.02
7) Phenol-d6	6.493	99	612275	137.506	ng	0.00
23) Nitrobenzene-d5	7.410	82	412674	94.974	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	150651	154.727	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	756163	95.583	ng	0.00
79) Terphenyl-d14	12.951	244	687468	124.714	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	55887	20.781	ng	# 75
25) Isophorone	7.410	82	412669	55.620	ng	# 66
51) 2,6-Dinitrotoluene	9.881	165	14816	8.638	ng	# 21
57) 2,4-Dinitrotoluene	9.881	165	14816	6.770	ng	# 17
67) 4-Bromophenyl-phenylether	10.675	248	10812	5.067	ng	# 1
77) Benzydine	12.951	184	9578	4.339	ng	# 90

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

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Operator : RC/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP2

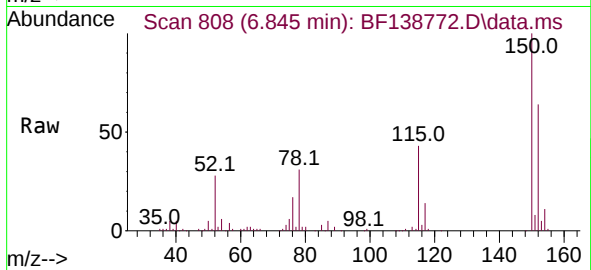
Quant Time: Aug 05 00:52:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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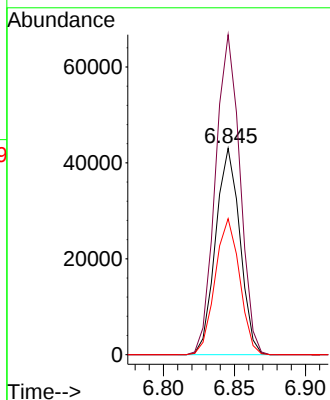
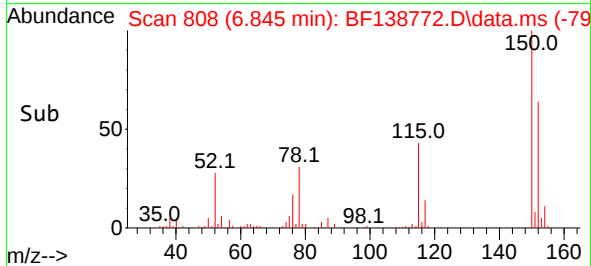


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138772.D
Acq: 03 Aug 2024 16:14

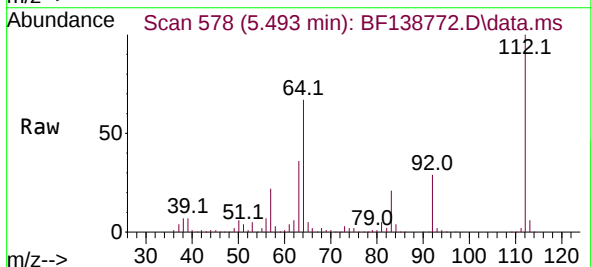
Instrument :
BNA_F
ClientSampleId :
TP2



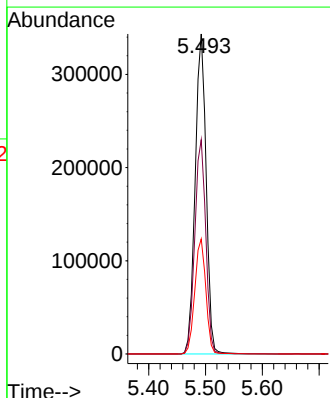
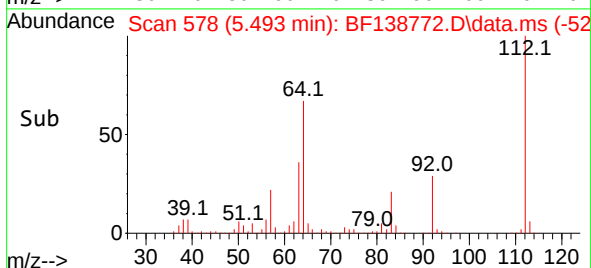
Tgt Ion:152 Resp: 51195
Ion Ratio Lower Upper
152 100
150 155.1 126.0 189.0
115 65.9 51.7 77.5



#5
2-Fluorophenol
Concen: 139.699 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.024 min
Lab File: BF138772.D
Acq: 03 Aug 2024 16:14



Tgt Ion:112 Resp: 463309
Ion Ratio Lower Upper
112 100
64 67.0 54.2 81.4
63 36.0 28.7 43.1

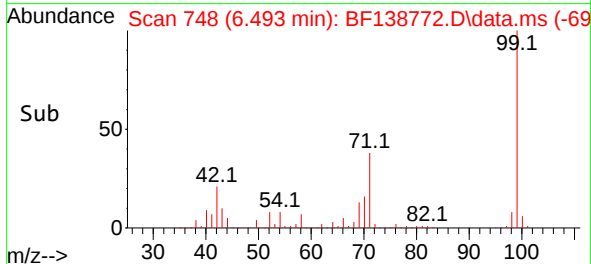
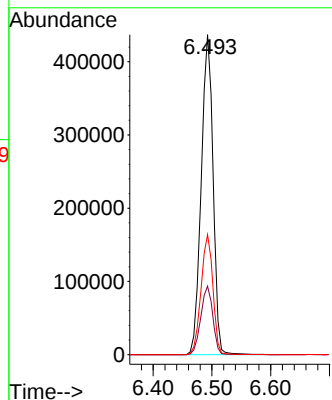
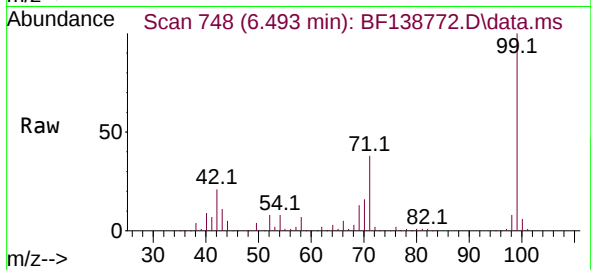




#7
Phenol-d6
Concen: 137.506 ng
RT: 6.493 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF138772.D
Acq: 03 Aug 2024 16:14

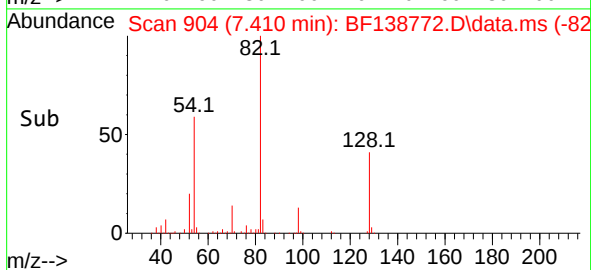
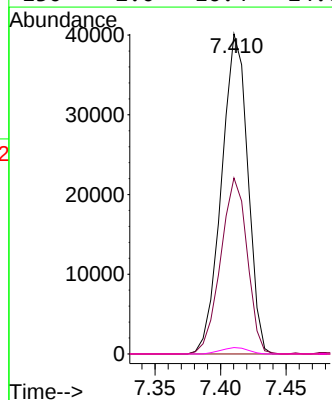
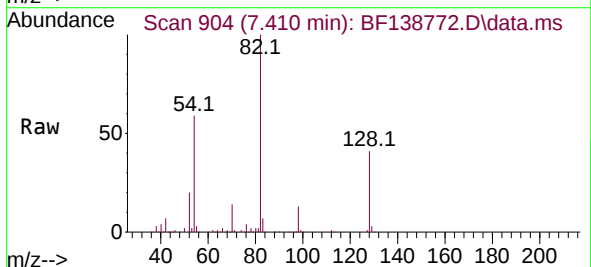
Instrument :
BNA_F
ClientSampleId :
TP2

Tgt Ion: 99 Resp: 612275
Ion Ratio Lower Upper
99 100
42 21.4 17.4 26.0
71 37.5 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 20.781 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138772.D
Acq: 03 Aug 2024 16:14

Tgt Ion: 70 Resp: 55887
Ion Ratio Lower Upper
70 100
42 55.0 57.4 86.0#
101 0.0 7.5 11.3#
130 2.0 16.4 24.6#

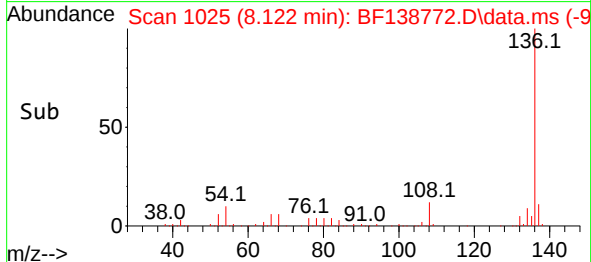
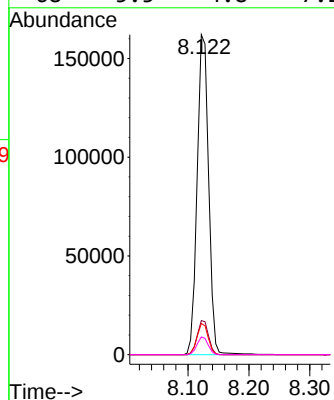
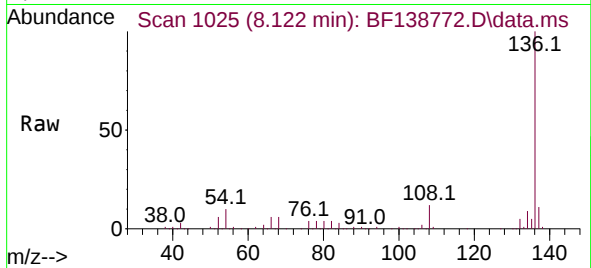




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138772.D
Acq: 03 Aug 2024 16:14

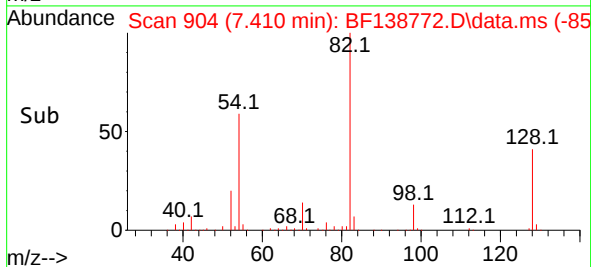
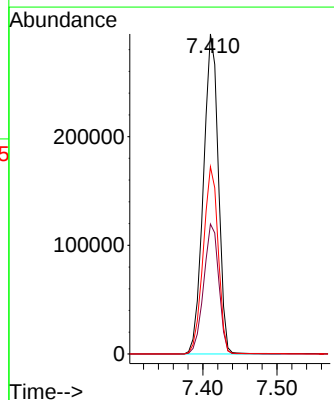
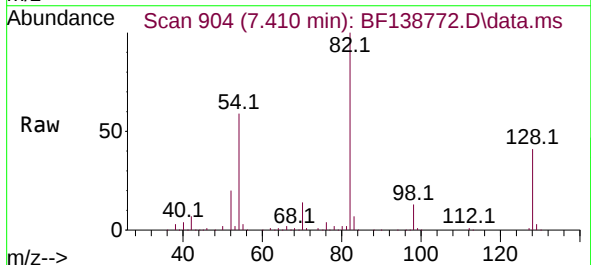
Instrument :
BNA_F
ClientSampleId :
TP2

Tgt Ion:	136	Resp:	212439
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	9.7	8.6	12.8
68	5.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 94.974 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF138772.D
Acq: 03 Aug 2024 16:14

Tgt Ion:	82	Resp:	412674
Ion Ratio	Lower	Upper	
82	100		
128	40.6	32.8	49.2
54	58.5	48.3	72.5

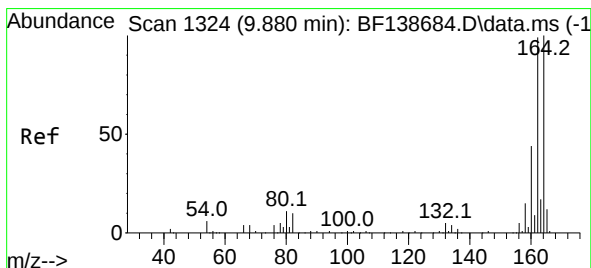
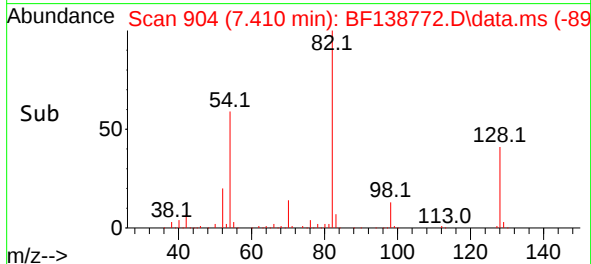
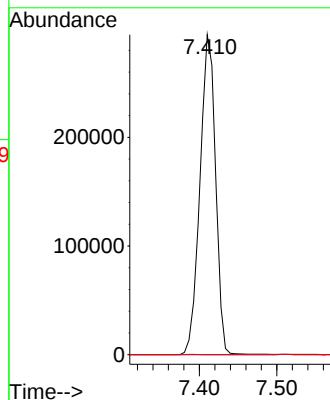
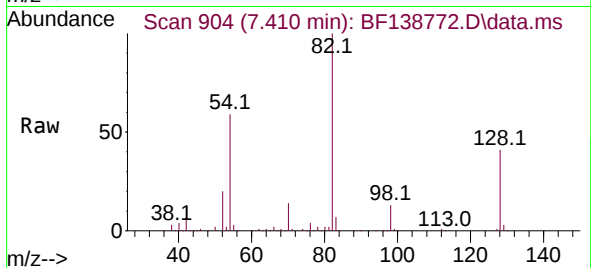




#25
Isophorone
Concen: 55.620 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138772.D
Acq: 03 Aug 2024 16:14

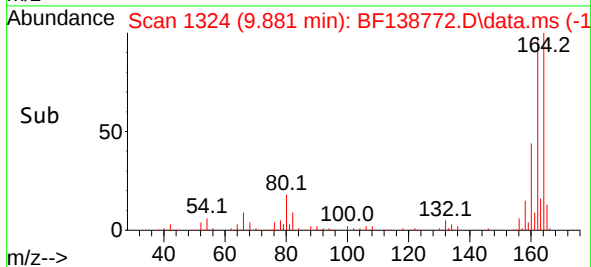
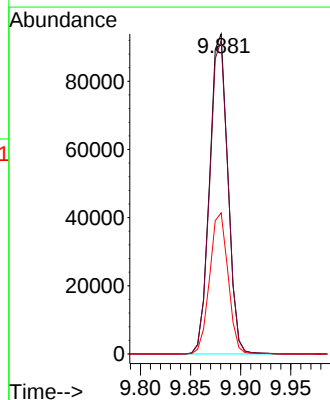
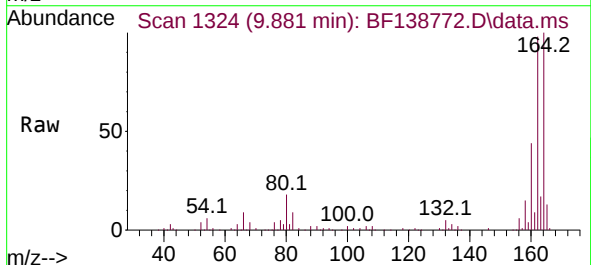
Instrument :
BNA_F
ClientSampleId :
TP2

Tgt Ion: 82 Resp: 412669
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: 9.881 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF138772.D
Acq: 03 Aug 2024 16:14

Tgt Ion:164 Resp: 118864
Ion Ratio Lower Upper
164 100
162 97.9 79.4 119.0
160 44.1 35.1 52.7

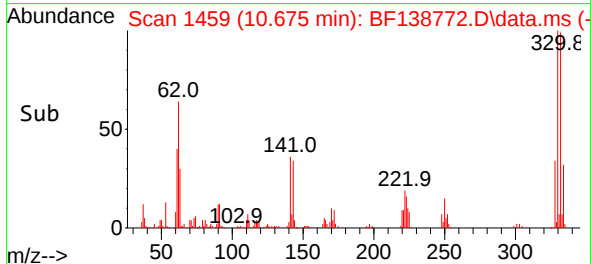
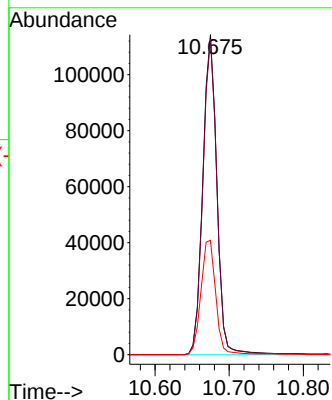
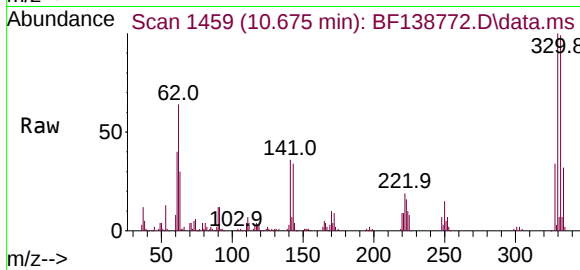




#42
2,4,6-Tribromophenol
Concen: 154.727 ng
RT: 10.675 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF138772.D
Acq: 03 Aug 2024 16:14

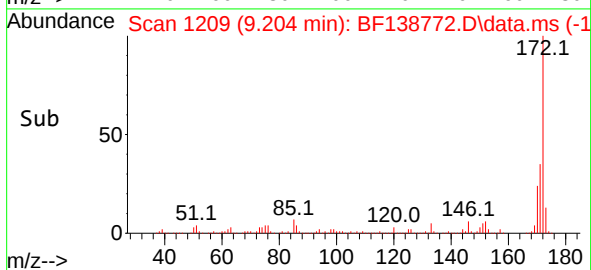
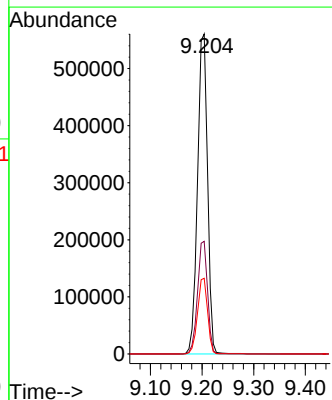
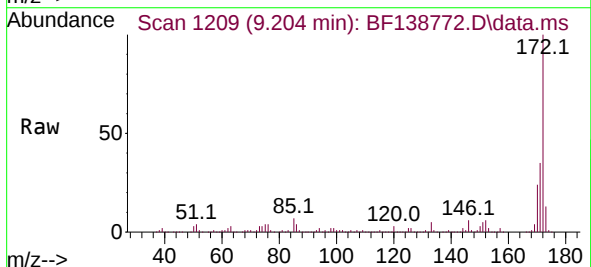
Instrument :
BNA_F
ClientSampleId :
TP2

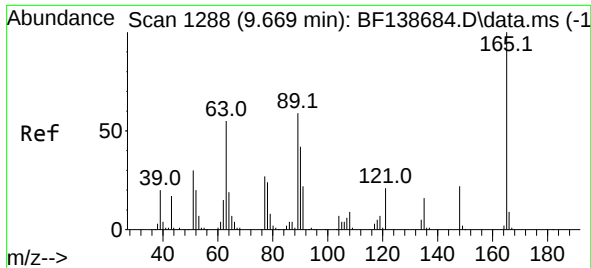
Tgt Ion:330 Resp: 150651
Ion Ratio Lower Upper
330 100
332 99.0 76.4 114.6
141 38.1 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 95.583 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF138772.D
Acq: 03 Aug 2024 16:14

Tgt Ion:172 Resp: 756163
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.7 18.8 28.2

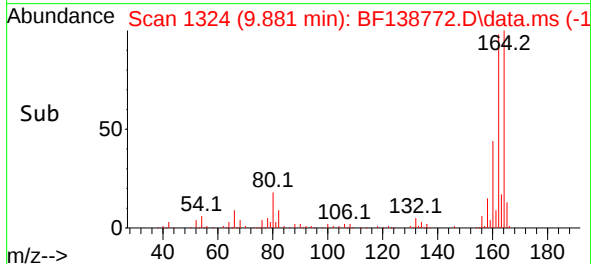
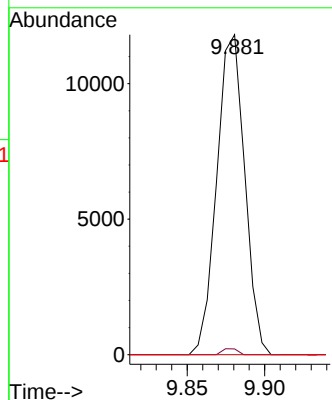
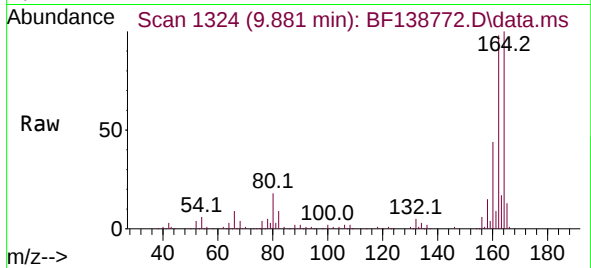




#51
2,6-Dinitrotoluene
Concen: 8.638 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF138772.D
Acq: 03 Aug 2024 16:14

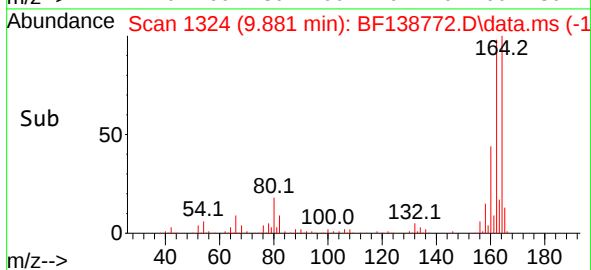
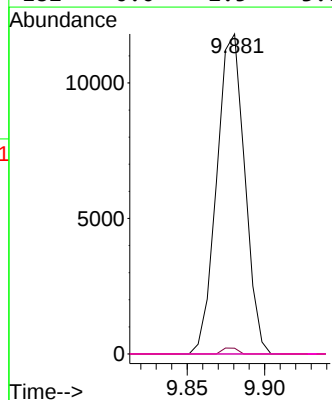
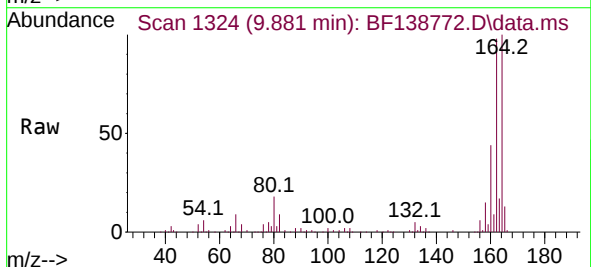
Instrument :
BNA_F
ClientSampleId :
TP2

Tgt Ion:165 Resp: 14816
Ion Ratio Lower Upper
165 100
63 1.8 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.770 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF138772.D
Acq: 03 Aug 2024 16:14

Tgt Ion:165 Resp: 14816
Ion Ratio Lower Upper
165 100
63 1.8 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#

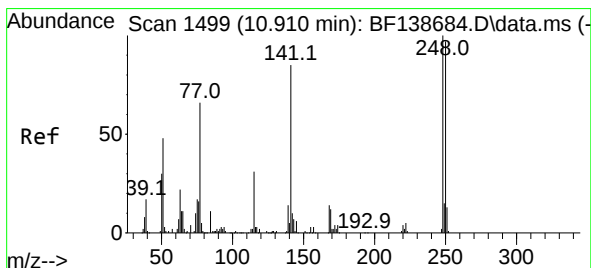
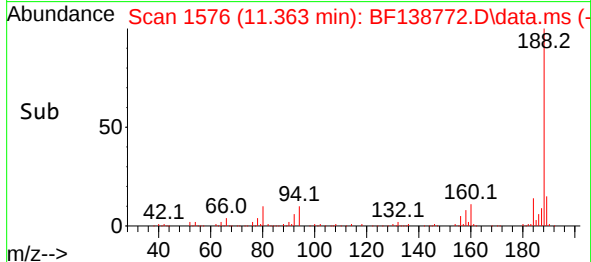
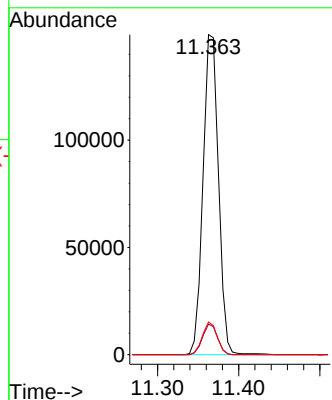
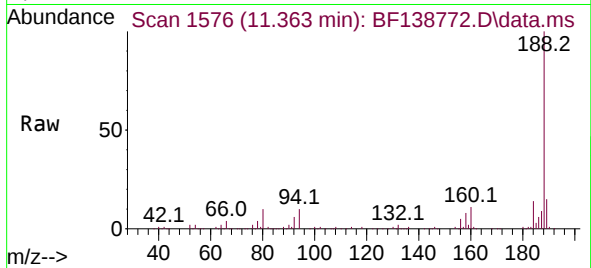




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138772.D
Acq: 03 Aug 2024 16:14

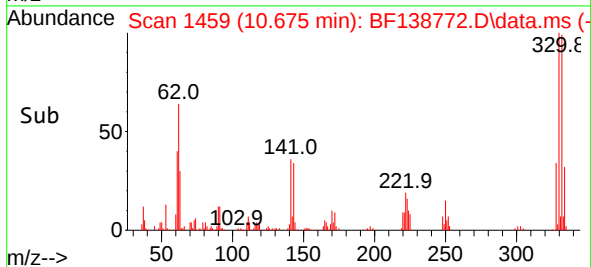
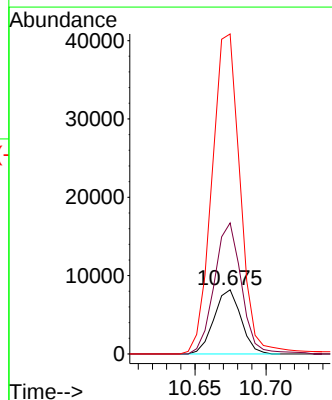
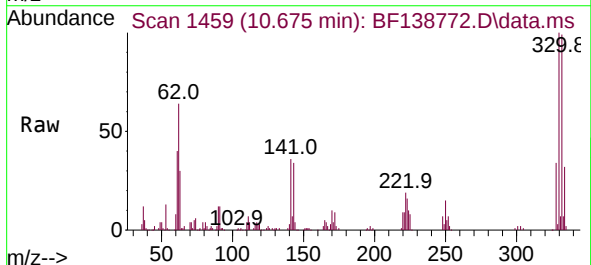
Instrument :
BNA_F
ClientSampleId :
TP2

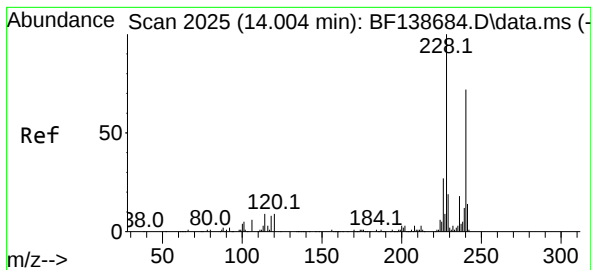
Tgt Ion:188 Resp: 197066
Ion Ratio Lower Upper
188 100
94 9.6 7.6 11.4
80 10.2 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 5.067 ng
RT: 10.675 min Scan# 1459
Delta R.T. -0.235 min
Lab File: BF138772.D
Acq: 03 Aug 2024 16:14

Tgt Ion:248 Resp: 10812
Ion Ratio Lower Upper
248 100
250 204.4 77.7 116.5#
141 499.1 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: BF138772.D

Acq: 03 Aug 2024 16:14

Instrument :

BNA_F

ClientSampleId :

TP2

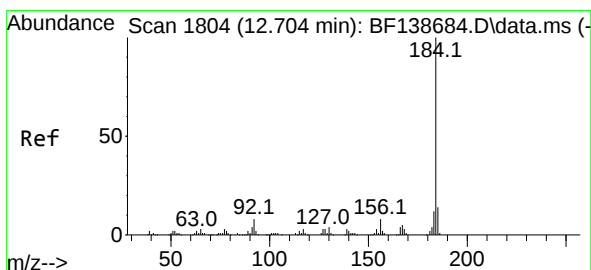
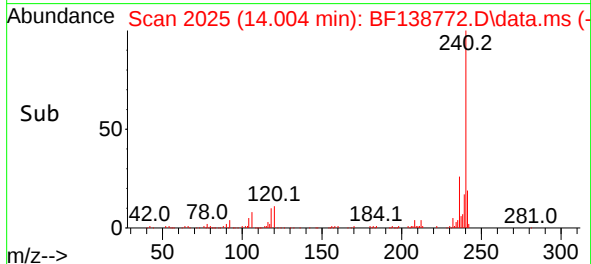
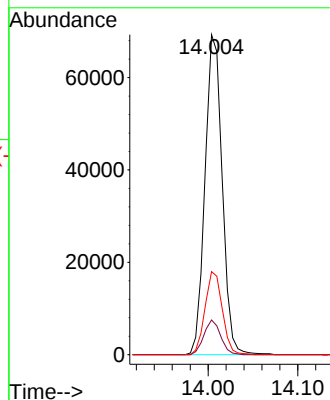
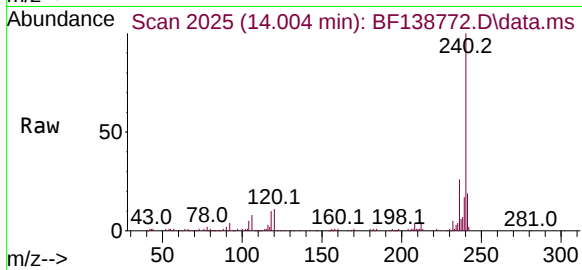
Tgt Ion:240 Resp: 92292

Ion Ratio Lower Upper

240 100

120 10.9 10.2 15.4

236 25.9 19.8 29.8



#77

Benzidine

Concen: 4.339 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.247 min

Lab File: BF138772.D

Acq: 03 Aug 2024 16:14

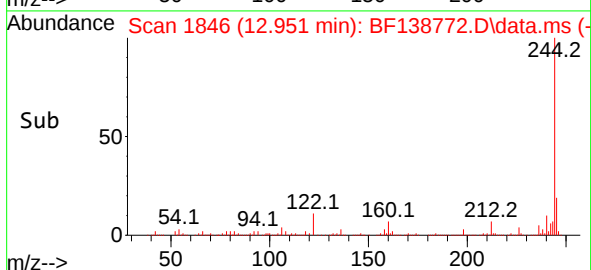
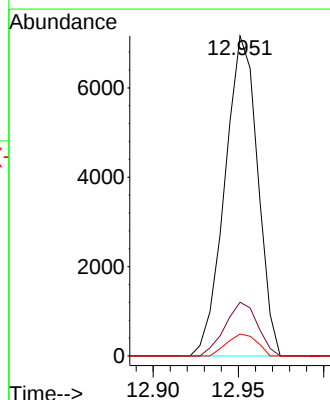
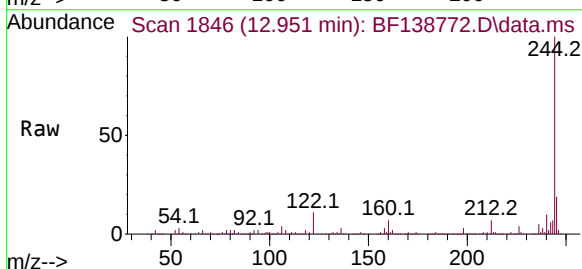
Tgt Ion:184 Resp: 9578

Ion Ratio Lower Upper

184 100

185 16.8 11.1 16.7#

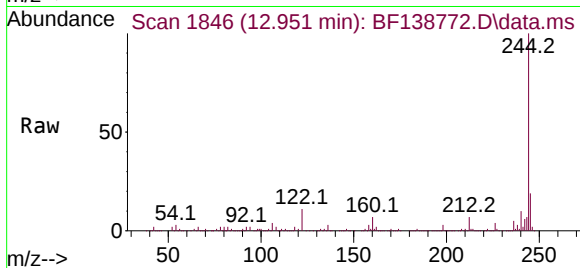
183 6.8 9.6 14.4#



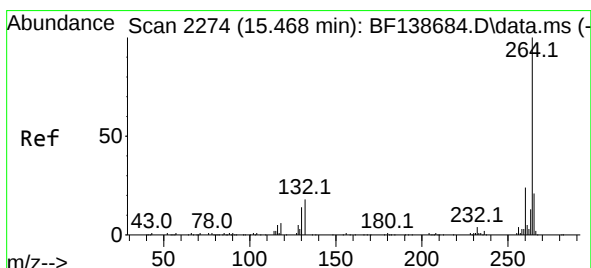
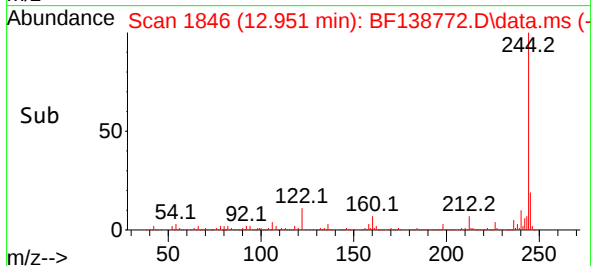
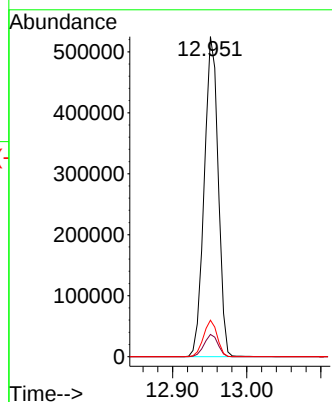


#79
 Terphenyl-d14
 Concen: 124.714 ng
 RT: 12.951 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: BF138772.D
 Acq: 03 Aug 2024 16:14

Instrument :
 BNA_F
 ClientSampleId :
 TP2



Tgt Ion:244 Resp: 687468
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.4 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2275
 Delta R.T. 0.006 min
 Lab File: BF138772.D
 Acq: 03 Aug 2024 16:14

Tgt Ion:264 Resp: 124460
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.0 17.0 25.6

