

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
 Data File : BF138775.D
 Acq On : 03 Aug 2024 17:48
 Operator : RC/JU
 Sample : P3448-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP5

Quant Time: Aug 05 00:53:30 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)

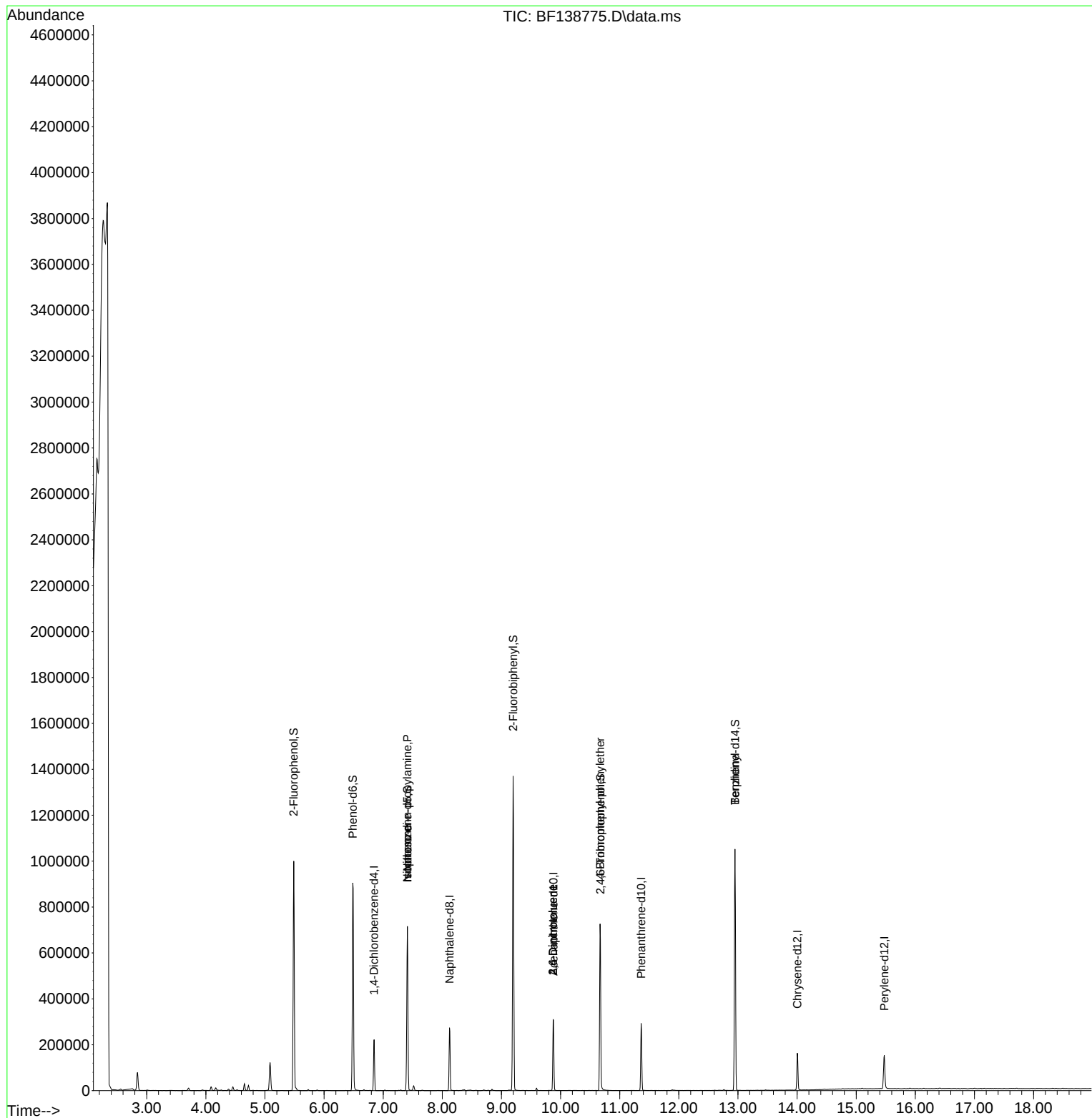
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	42357	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	169939	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	94125	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	151769	20.000	ng	0.00
76) Chrysene-d12	14.004	240	76982	20.000	ng	0.00
86) Perylene-d12	15.474	264	91479	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	341887	124.597	ng	0.02
7) Phenol-d6	6.487	99	425753	115.567	ng	0.00
23) Nitrobenzene-d5	7.410	82	319526	91.927	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	112618	146.066	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	590294	94.227	ng	0.00
79) Terphenyl-d14	12.951	244	505362	109.910	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	44041	19.793	ng	# 74
25) Isophorone	7.410	82	319524	53.836	ng	# 66
51) 2,6-Dinitrotoluene	9.875	165	11743	8.646	ng	# 21
57) 2,4-Dinitrotoluene	9.875	165	11743	6.776	ng	# 17
67) 4-Bromophenyl-phenylether	10.669	248	8398	5.111	ng	# 1
77) Benzydine	12.951	184	6959	3.779	ng	# 90

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

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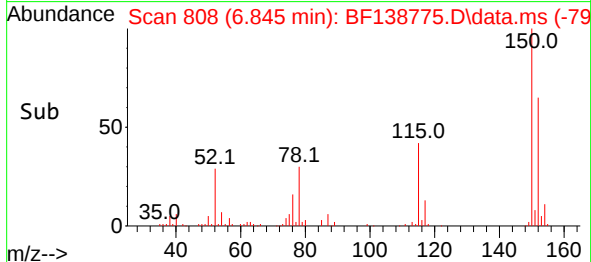
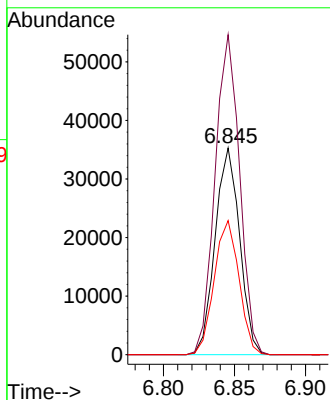
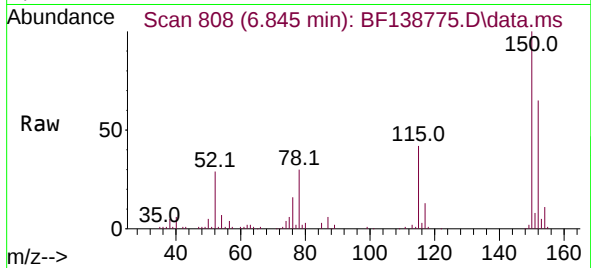




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138775.D
Acq: 03 Aug 2024 17:48

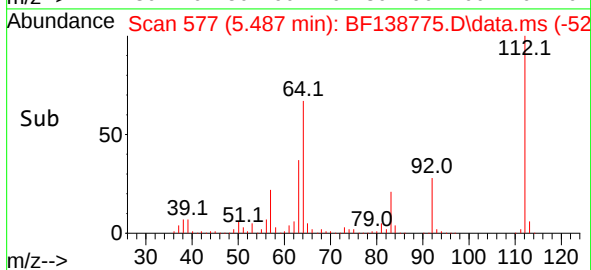
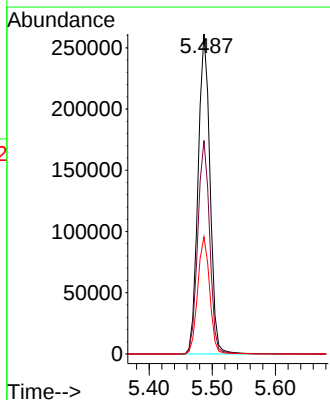
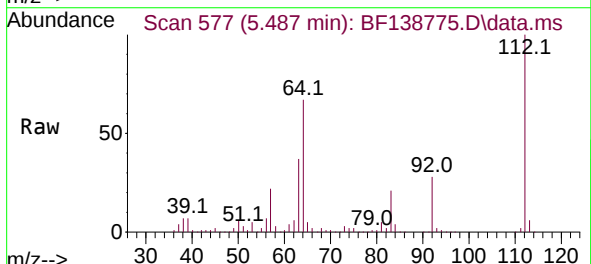
Instrument :
BNA_F
ClientSampleId :
TP5

Tgt Ion:152 Resp: 42357
Ion Ratio Lower Upper
152 100
150 154.8 126.0 189.0
115 64.8 51.7 77.5



#5
2-Fluorophenol
Concen: 124.597 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138775.D
Acq: 03 Aug 2024 17:48

Tgt Ion:112 Resp: 341887
Ion Ratio Lower Upper
112 100
64 66.7 54.2 81.4
63 36.6 28.7 43.1

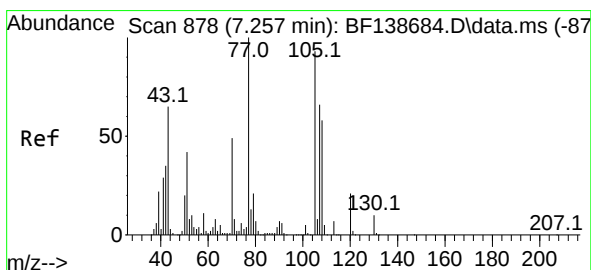
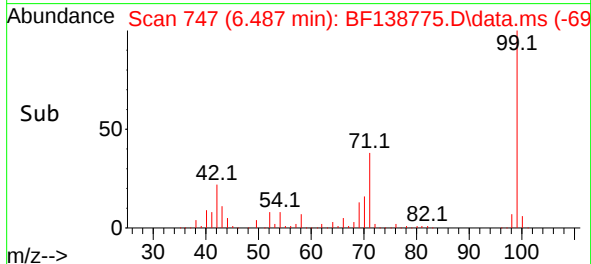
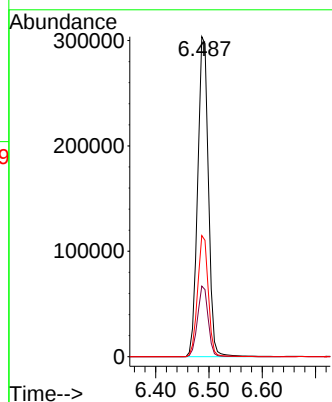
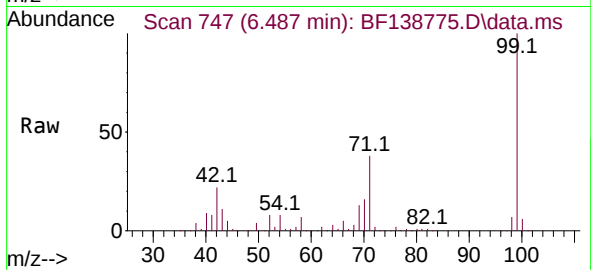




#7
Phenol-d6
Concen: 115.567 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138775.D
Acq: 03 Aug 2024 17:48

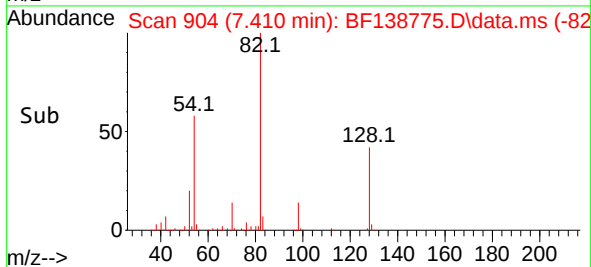
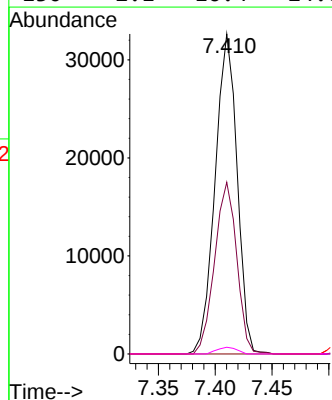
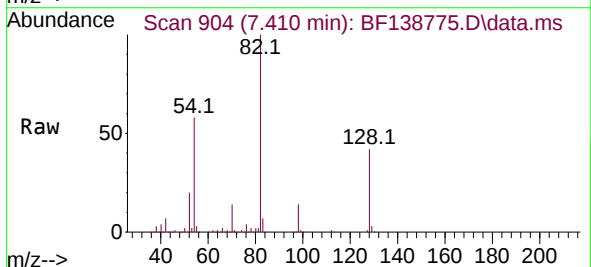
Instrument :
BNA_F
ClientSampleId :
TP5

Tgt Ion: 99 Resp: 425753
Ion Ratio Lower Upper
99 100
42 22.1 17.4 26.0
71 37.9 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 19.793 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138775.D
Acq: 03 Aug 2024 17:48

Tgt Ion: 70 Resp: 44041
Ion Ratio Lower Upper
70 100
42 53.7 57.4 86.0#
101 0.0 7.5 11.3#
130 2.1 16.4 24.6#

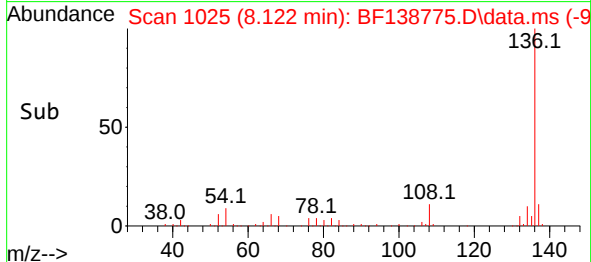
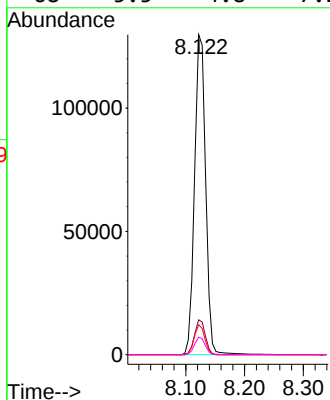
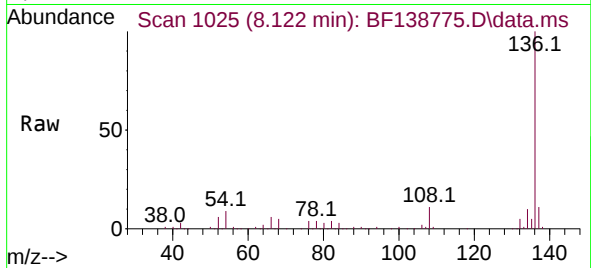




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138775.D
Acq: 03 Aug 2024 17:48

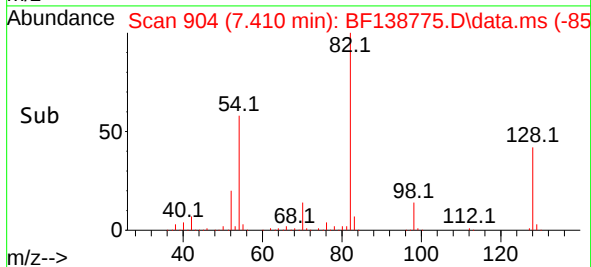
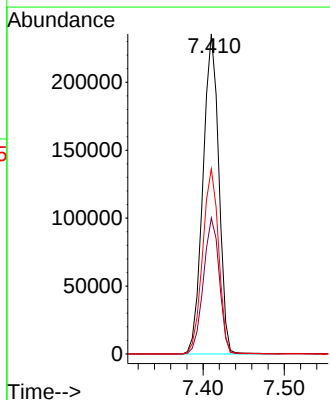
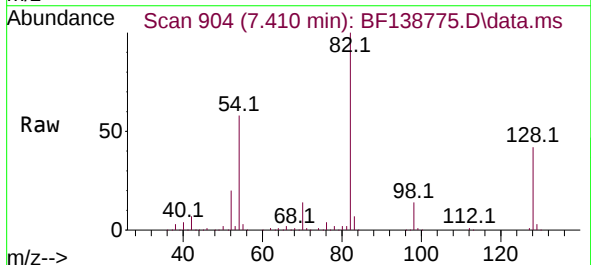
Instrument :
BNA_F
ClientSampleId :
TP5

Tgt Ion:	136	Resp:	169939
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.4	8.6	12.8
68	5.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 91.927 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF138775.D
Acq: 03 Aug 2024 17:48

Tgt Ion:	82	Resp:	319526
Ion	Ratio	Lower	Upper
82	100		
128	42.5	32.8	49.2
54	57.9	48.3	72.5

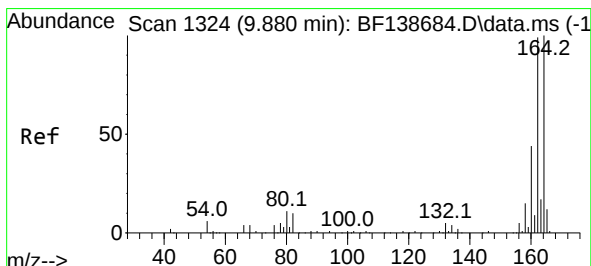
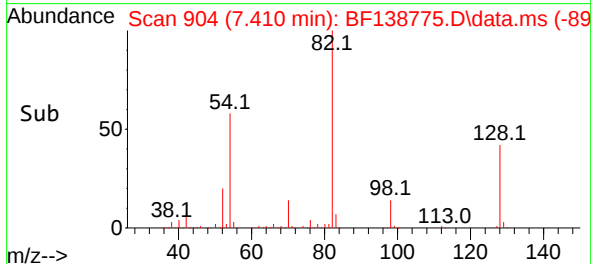
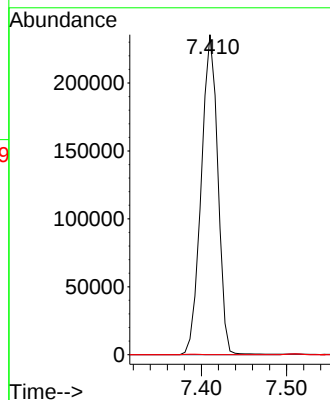
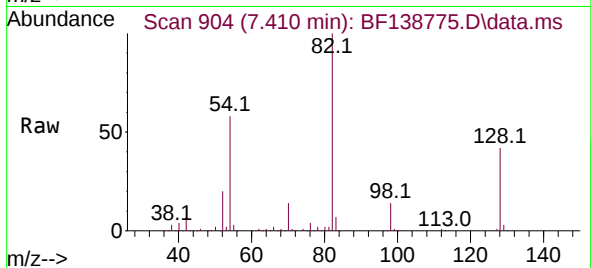




#25
Isophorone
Concen: 53.836 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF138775.D
Acq: 03 Aug 2024 17:48

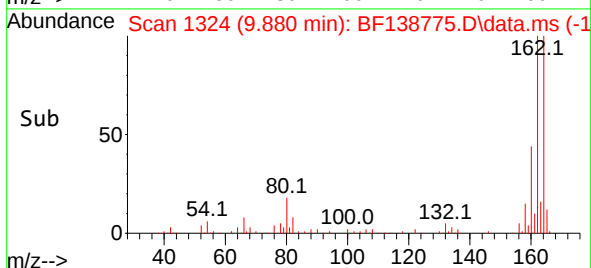
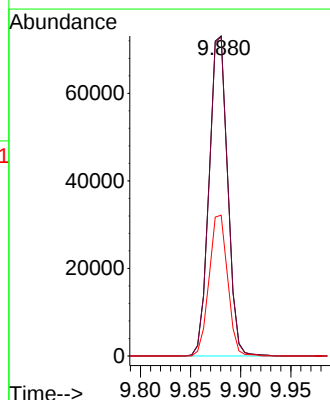
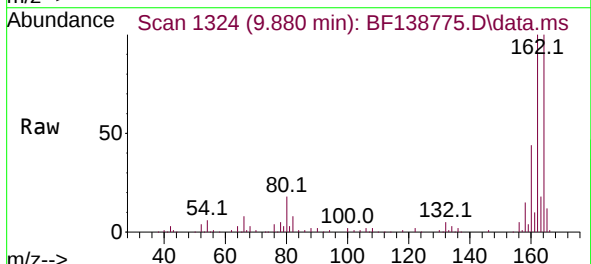
Instrument :
BNA_F
ClientSampleId :
TP5

Tgt Ion: 82 Resp: 319524
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: 9.880 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF138775.D
Acq: 03 Aug 2024 17:48

Tgt Ion:164 Resp: 94125
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.0
160 44.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 146.066 ng

RT: 10.675 min Scan# 1458

Delta R.T. 0.006 min

Lab File: BF138775.D

Acq: 03 Aug 2024 17:48

Instrument :

BNA_F

ClientSampleId :

TP5

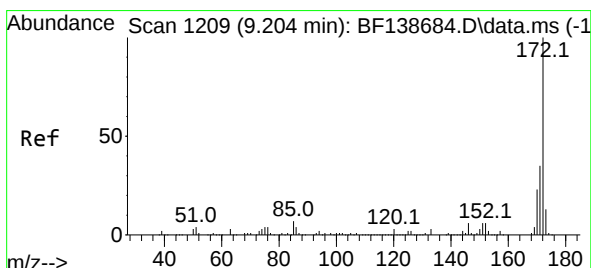
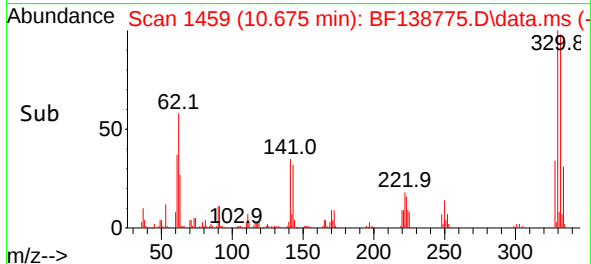
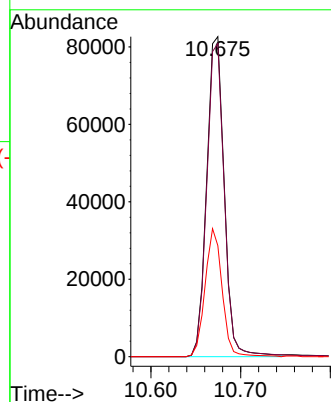
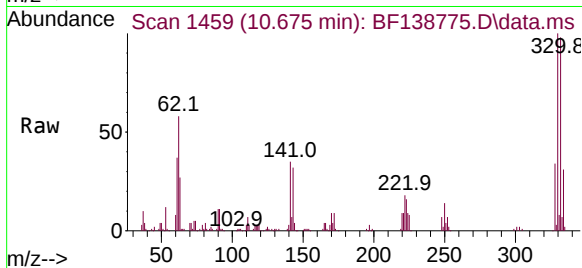
Tgt Ion:330 Resp: 112618

Ion Ratio Lower Upper

330 100

332 98.0 76.4 114.6

141 38.8 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 94.227 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138775.D

Acq: 03 Aug 2024 17:48

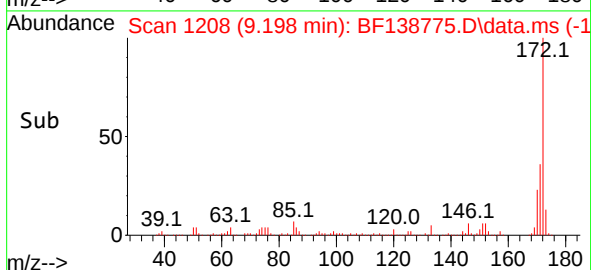
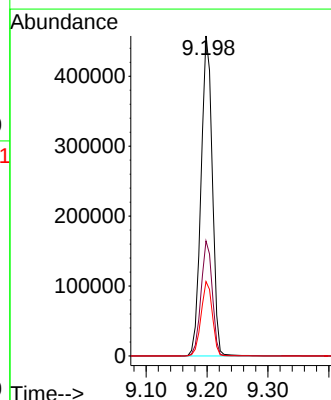
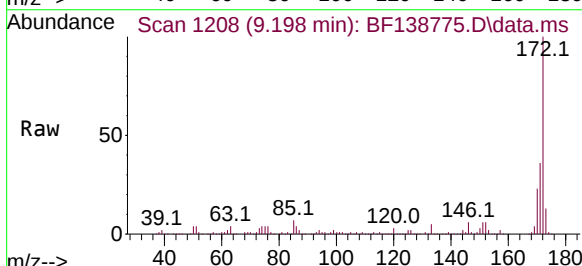
Tgt Ion:172 Resp: 590294

Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.3 18.8 28.2

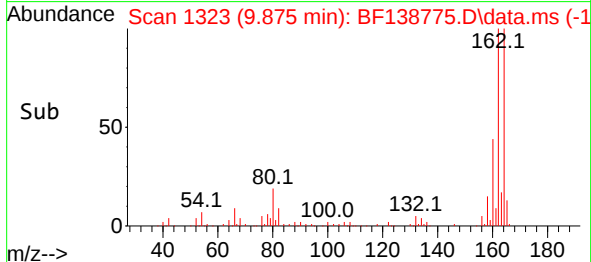
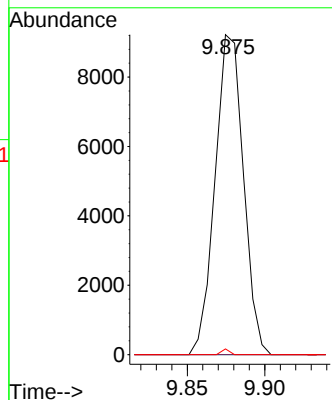
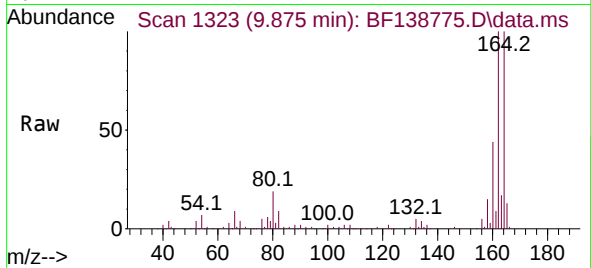




#51
2,6-Dinitrotoluene
Concen: 8.646 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138775.D
Acq: 03 Aug 2024 17:48

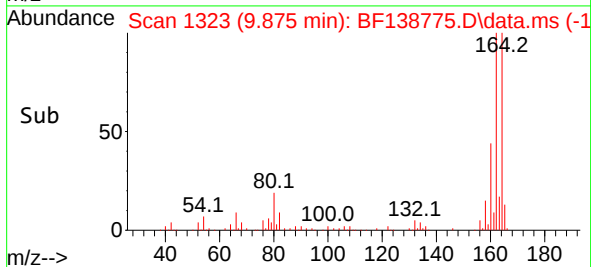
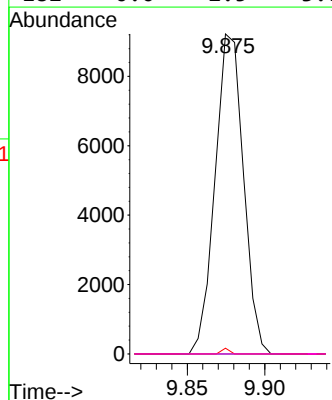
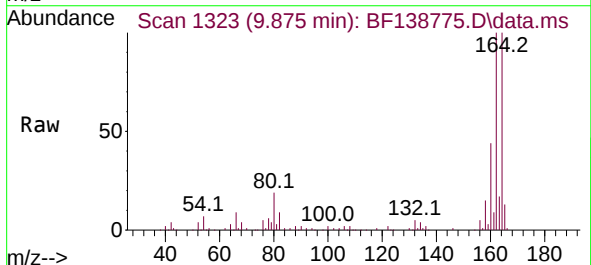
Instrument :
BNA_F
ClientSampleId :
TP5

Tgt Ion:165 Resp: 11743
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 1.8 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.776 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138775.D
Acq: 03 Aug 2024 17:48

Tgt Ion:165 Resp: 11743
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 1.8 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138775.D

Acq: 03 Aug 2024 17:48

Instrument :

BNA_F

ClientSampleId :

TP5

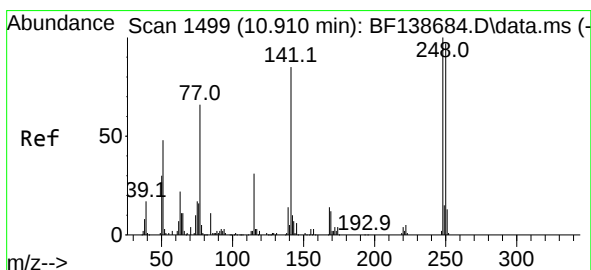
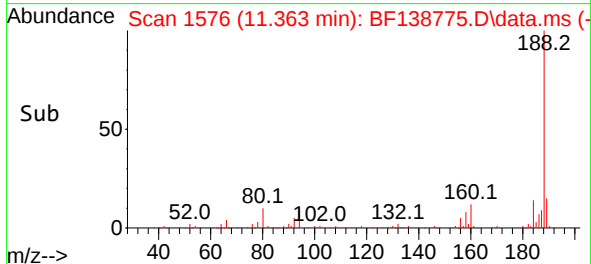
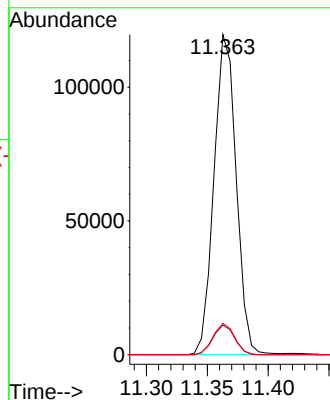
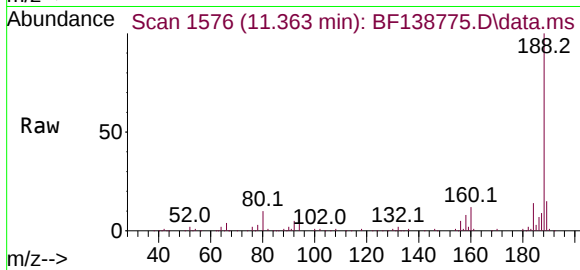
Tgt Ion:188 Resp: 151769

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 9.8 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 5.111 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138775.D

Acq: 03 Aug 2024 17:48

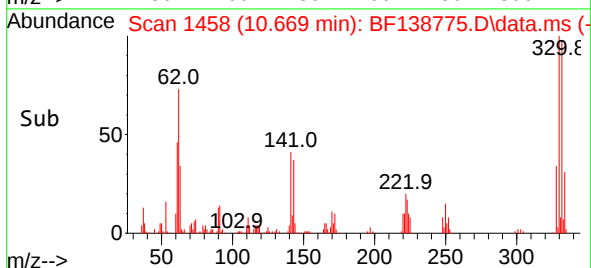
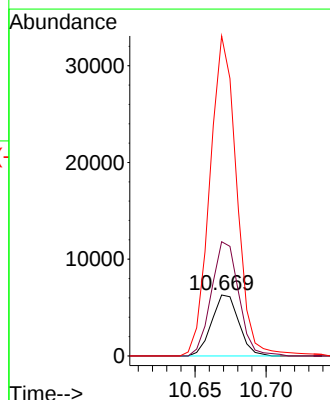
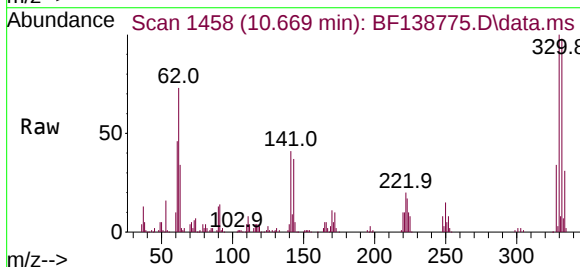
Tgt Ion:248 Resp: 8398

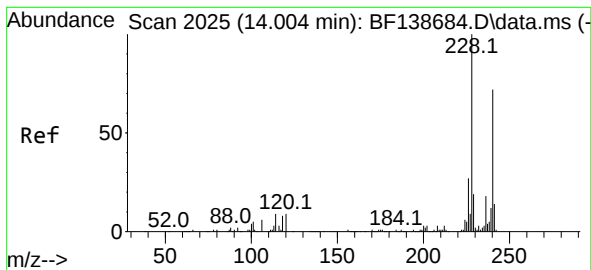
Ion Ratio Lower Upper

248 100

250 187.6 77.7 116.5#

141 525.3 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: BF138775.D

Acq: 03 Aug 2024 17:48

Instrument :

BNA_F

ClientSampleId :

TP5

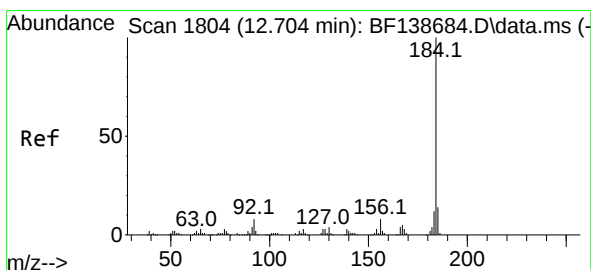
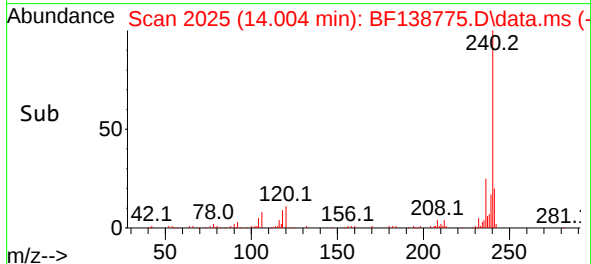
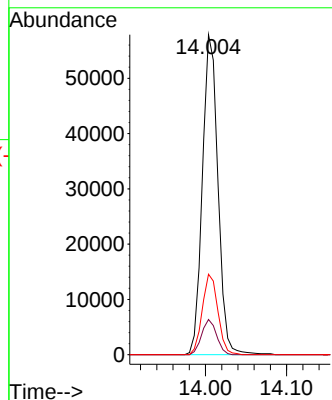
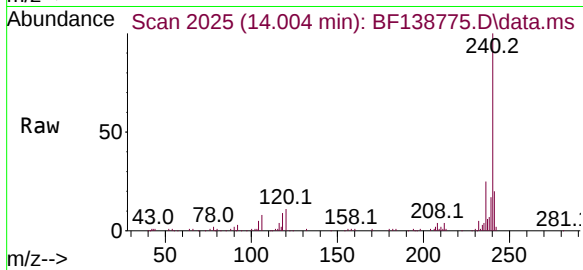
Tgt Ion:240 Resp: 76982

Ion Ratio Lower Upper

240 100

120 11.0 10.2 15.4

236 25.1 19.8 29.8



#77

Benzidine

Concen: 3.779 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.247 min

Lab File: BF138775.D

Acq: 03 Aug 2024 17:48

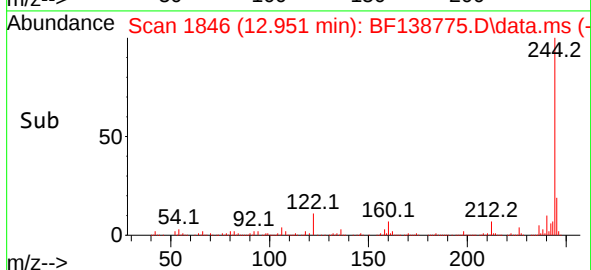
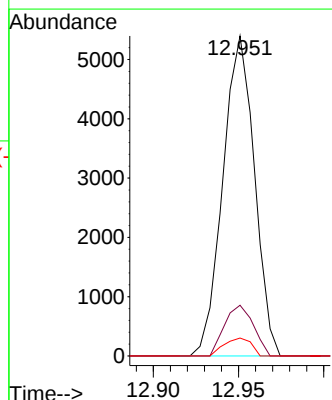
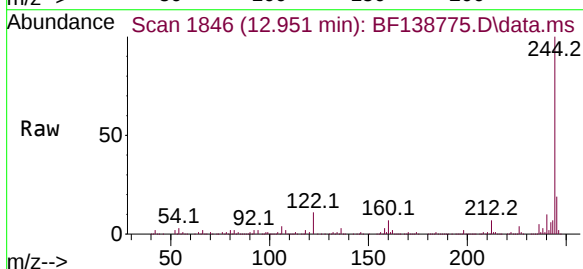
Tgt Ion:184 Resp: 6959

Ion Ratio Lower Upper

184 100

185 15.9 11.1 16.7

183 5.6 9.6 14.4#

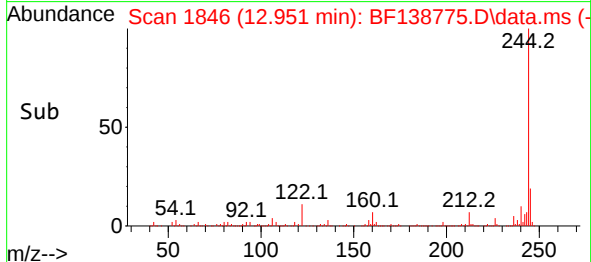
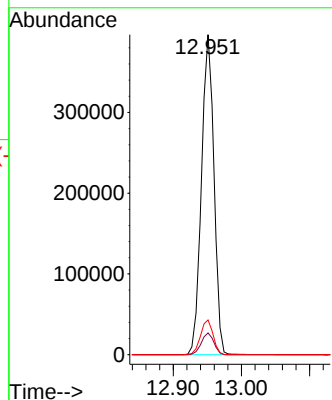
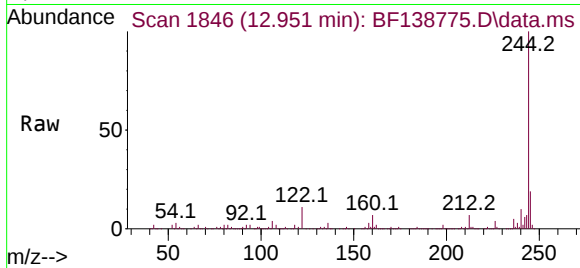




#79
 Terphenyl-d14
 Concen: 109.910 ng
 RT: 12.951 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF138775.D
 Acq: 03 Aug 2024 17:48

Instrument :
 BNA_F
 ClientSampleId :
 TP5

Tgt Ion:244 Resp: 505362
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.9 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: BF138775.D
 Acq: 03 Aug 2024 17:48

Tgt Ion:264 Resp: 91479
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.0 28.6
 265 21.6 17.0 25.6

