

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138823.D
 Acq On : 06 Aug 2024 23:58
 Operator : RC/JU
 Sample : P3396-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-CF05-02RE

Quant Time: Aug 07 01:06:58 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)

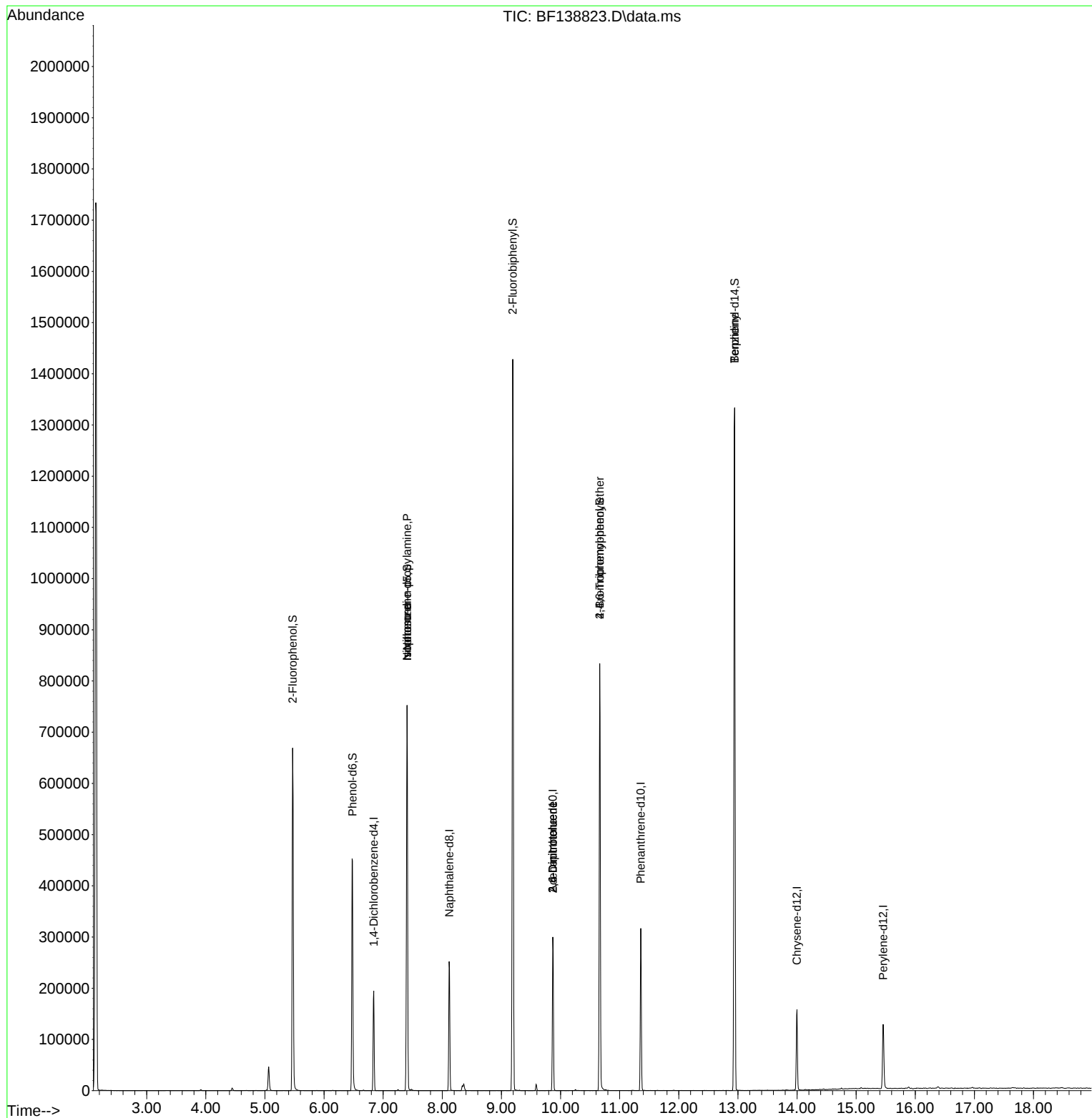
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	38546	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	155780	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	89109	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	158955	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	75013	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	74776	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	221841	88.841	ng	0.00
7) Phenol-d6	6.481	99	201729	60.171	ng	0.00
23) Nitrobenzene-d5	7.404	82	331087	103.911	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	127304	174.408	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	619134	104.394	ng	-0.01
79) Terphenyl-d14	12.945	244	661644	147.677	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	45482	22.461	ng	# 78
25) Isophorone	7.404	82	331084	60.854	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	11613	9.031	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	11613	7.079	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	9340	5.427	ng	# 1
77) Benzidine	12.945	184	9344	5.208	ng	# 93

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

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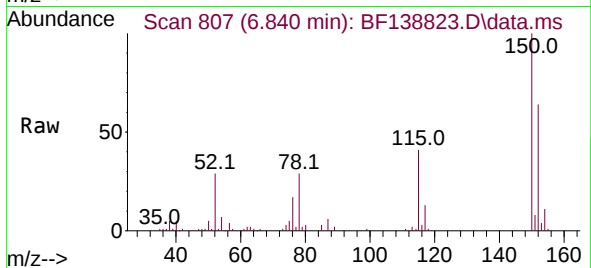
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration



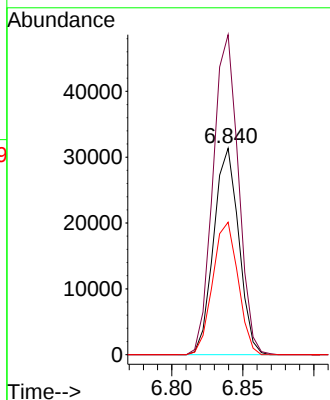
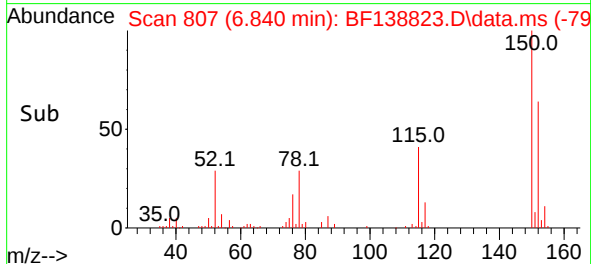


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138823.D
Acq: 06 Aug 2024 23:58

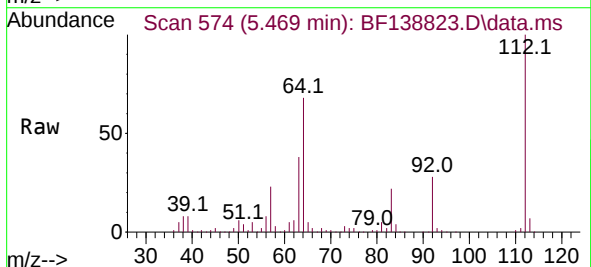
Instrument :
BNA_F
ClientSampleId :
P001-CF05-02RE



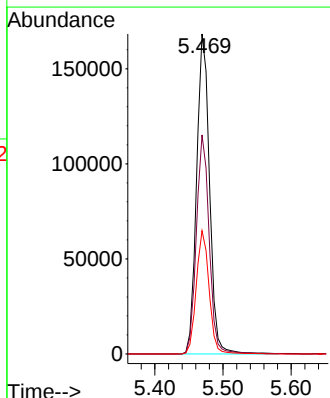
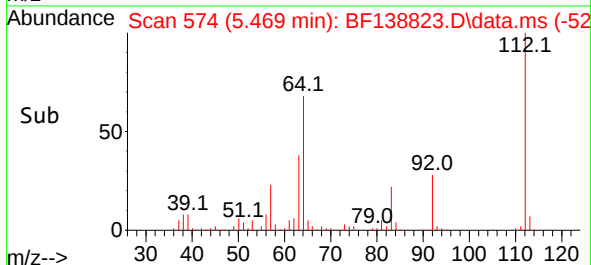
Tgt Ion:152 Resp: 38546
Ion Ratio Lower Upper
152 100
150 155.1 126.0 189.0
115 64.2 51.7 77.5



#5
2-Fluorophenol
Concen: 88.841 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138823.D
Acq: 06 Aug 2024 23:58



Tgt Ion:112 Resp: 221841
Ion Ratio Lower Upper
112 100
64 68.5 54.2 81.4
63 38.5 28.7 43.1

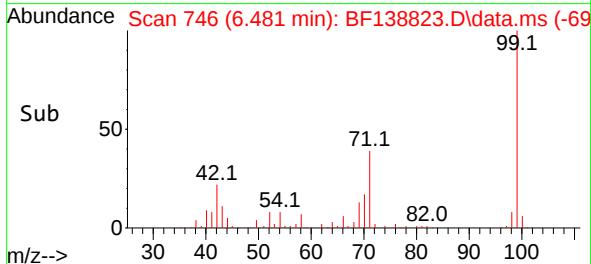
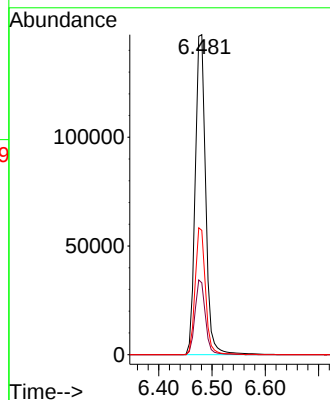
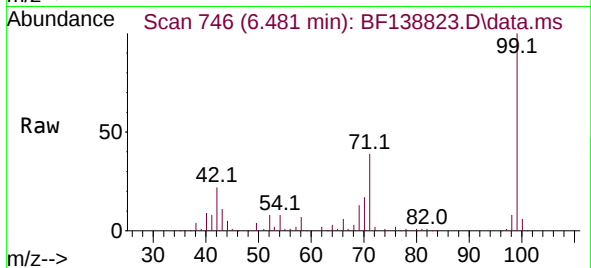




#7
Phenol-d6
Concen: 60.171 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138823.D
Acq: 06 Aug 2024 23:58

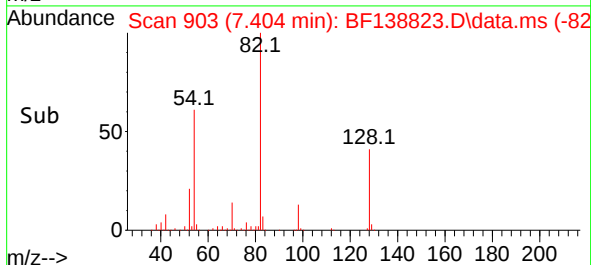
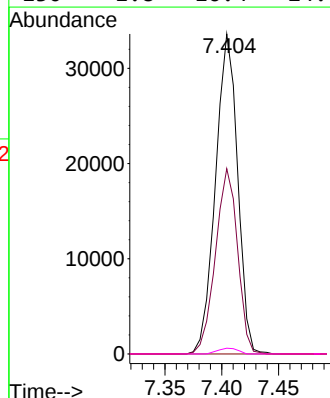
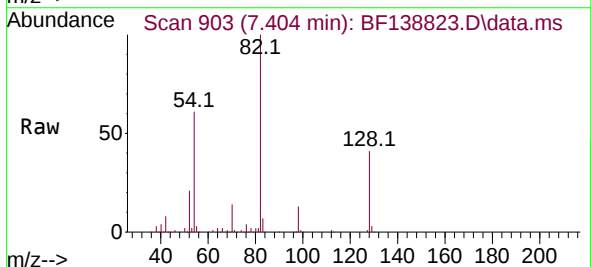
Instrument :
BNA_F
ClientSampleId :
P001-CF05-02RE

Tgt Ion: 99 Resp: 201729
Ion Ratio Lower Upper
99 100
42 22.5 17.4 26.0
71 38.9 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 22.461 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138823.D
Acq: 06 Aug 2024 23:58

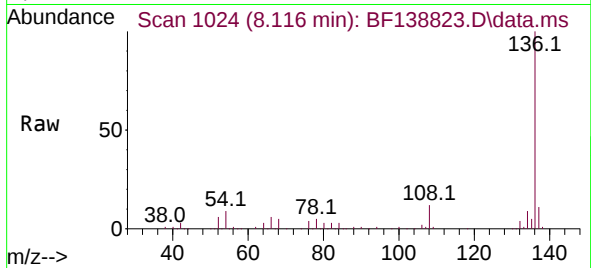
Tgt Ion: 70 Resp: 45482
Ion Ratio Lower Upper
70 100
42 57.9 57.4 86.0
101 0.0 7.5 11.3#
130 1.8 16.4 24.6#



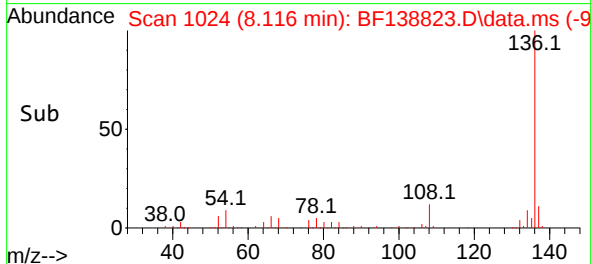
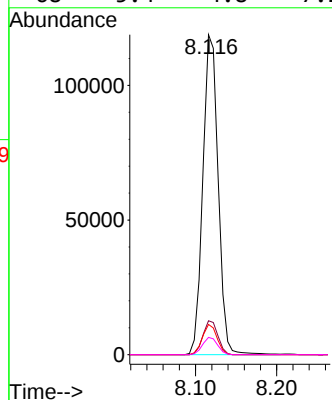


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138823.D
Acq: 06 Aug 2024 23:58

Instrument :
BNA_F
ClientSampleId :
P001-CF05-02RE

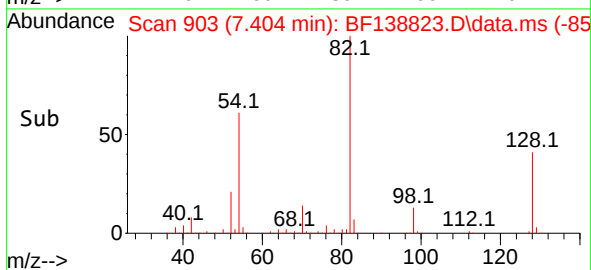
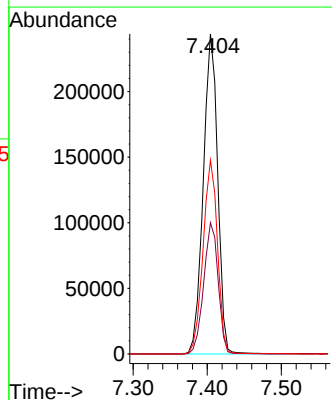
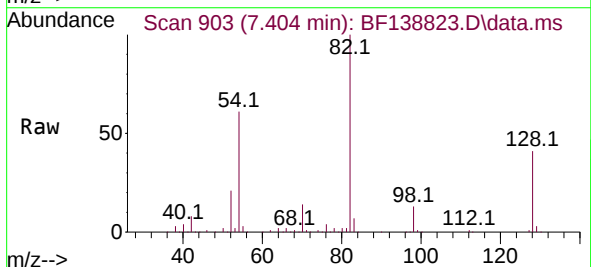


Tgt Ion:136 Resp: 155780
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.4 8.6 12.8
68 5.4 4.8 7.2



#23
Nitrobenzene-d5
Concen: 103.911 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138823.D
Acq: 06 Aug 2024 23:58

Tgt Ion: 82 Resp: 331087
Ion Ratio Lower Upper
82 100
128 41.0 32.8 49.2
54 60.5 48.3 72.5

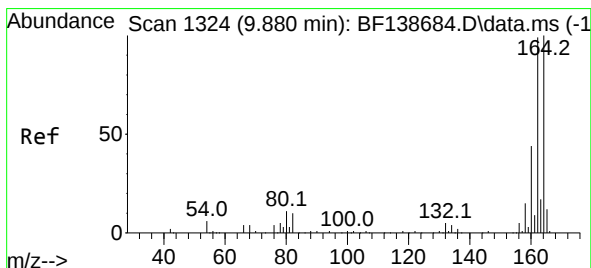
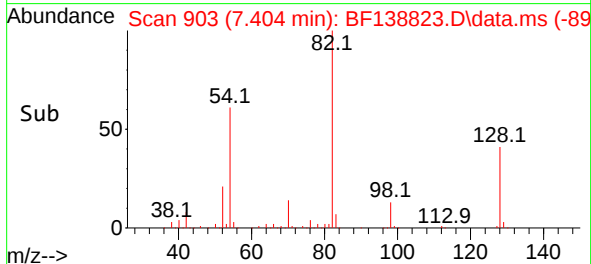
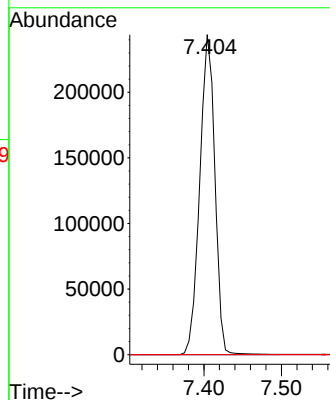
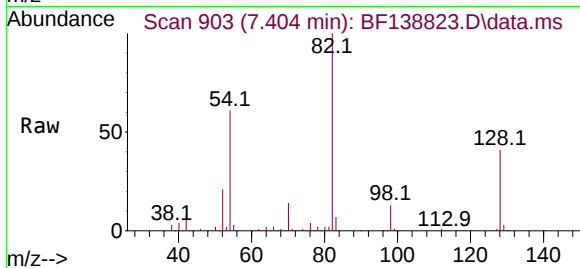




#25
Isophorone
Concen: 60.854 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138823.D
Acq: 06 Aug 2024 23:58

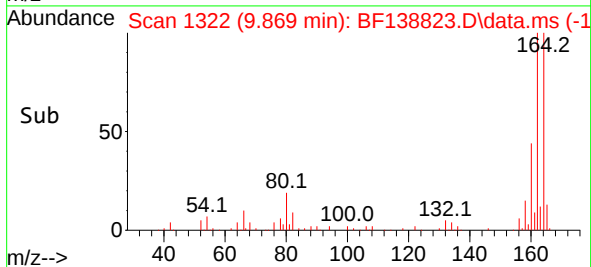
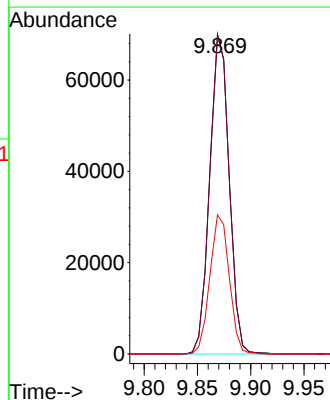
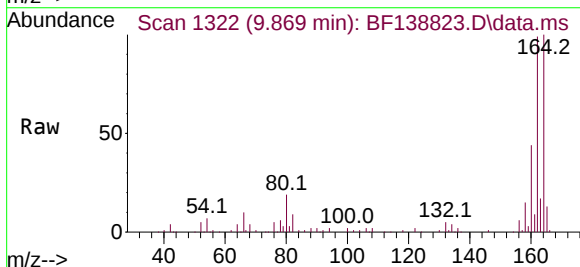
Instrument :
BNA_F
ClientSampleId :
P001-CF05-02RE

Tgt Ion: 82 Resp: 331084
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: BF138823.D
Acq: 06 Aug 2024 23:58

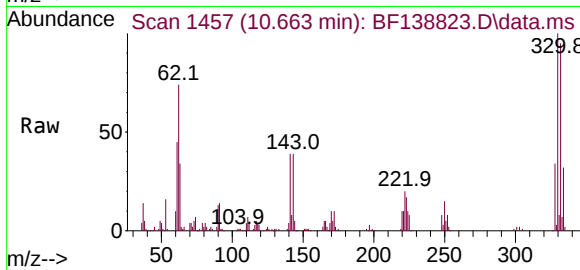
Tgt Ion:164 Resp: 89109
Ion Ratio Lower Upper
164 100
162 99.4 79.4 119.0
160 43.5 35.1 52.7



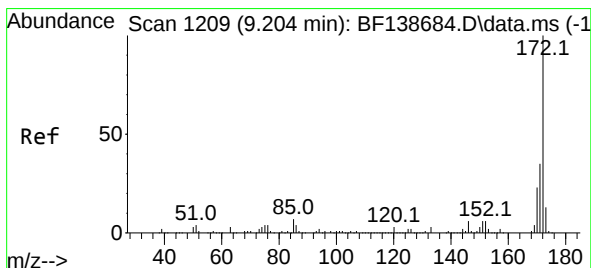
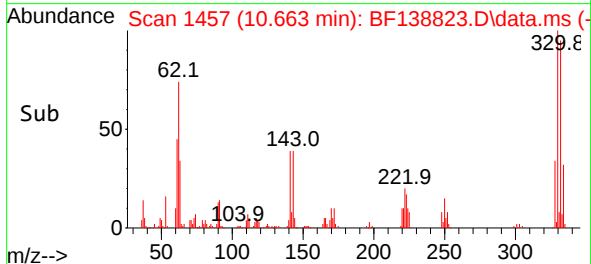
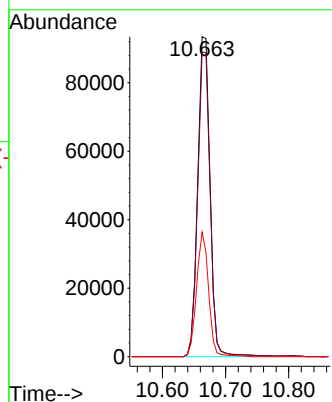


#42
2,4,6-Tribromophenol
Concen: 174.408 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138823.D
Acq: 06 Aug 2024 23:58

Instrument :
BNA_F
ClientSampleId :
P001-CF05-02RE

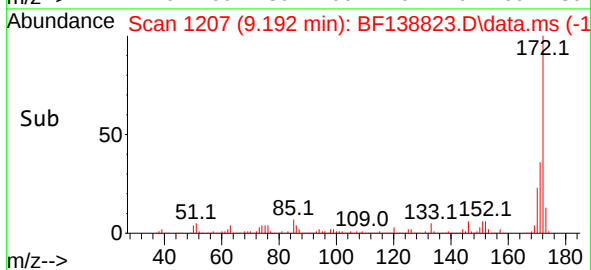
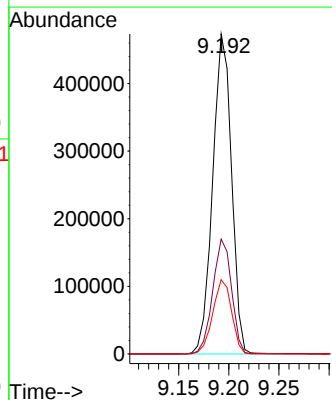
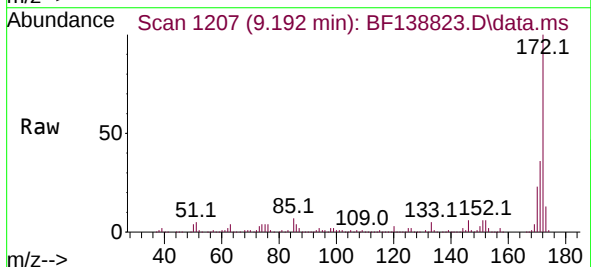


Tgt Ion: 330 Resp: 127304
Ion Ratio Lower Upper
330 100
332 95.7 76.4 114.6
141 37.7 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 104.394 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138823.D
Acq: 06 Aug 2024 23:58

Tgt Ion: 172 Resp: 619134
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.2 18.8 28.2

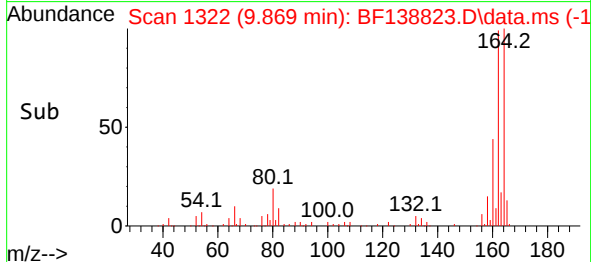
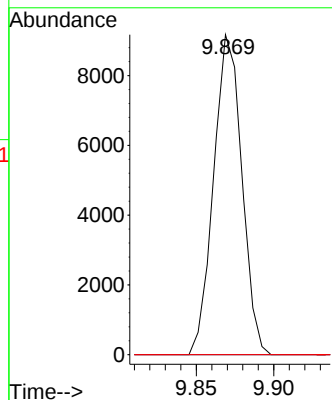
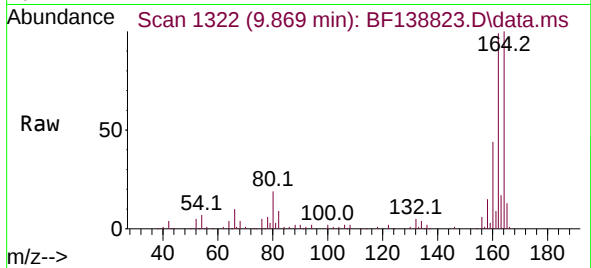




#51
2,6-Dinitrotoluene
Concen: 9.031 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138823.D
Acq: 06 Aug 2024 23:58

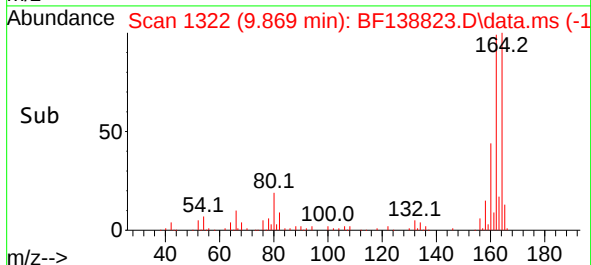
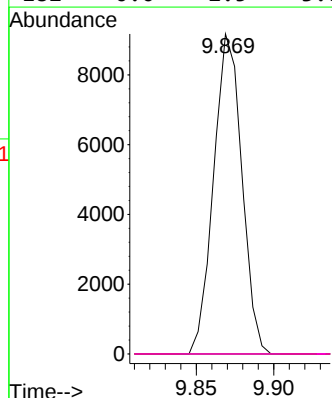
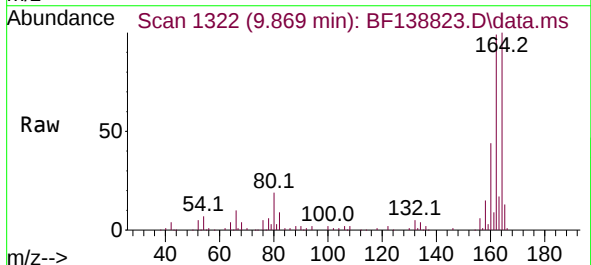
Instrument :
BNA_F
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P001-CF05-02RE

Tgt Ion:165 Resp: 11613
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.079 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138823.D
Acq: 06 Aug 2024 23:58

Tgt Ion:165 Resp: 11613
Ion Ratio Lower Upper
165 100
63 0.0 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: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138823.D

Acq: 06 Aug 2024 23:58

Instrument :

BNA_F

ClientSampleId :

P001-CF05-02RE

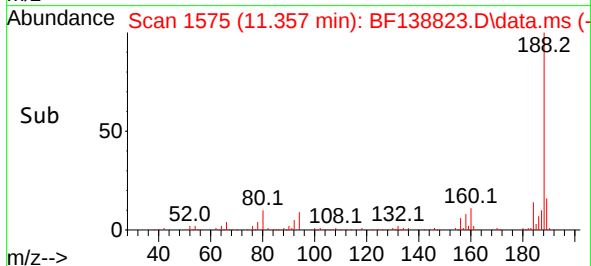
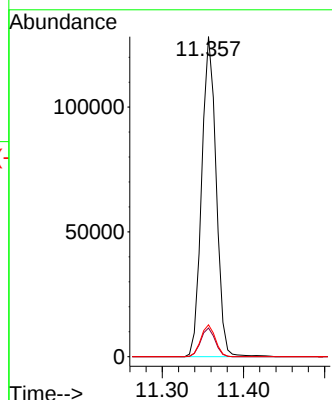
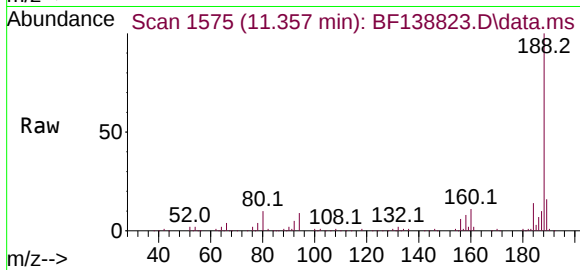
Tgt Ion:188 Resp: 158955

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 9.9 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 5.427 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138823.D

Acq: 06 Aug 2024 23:58

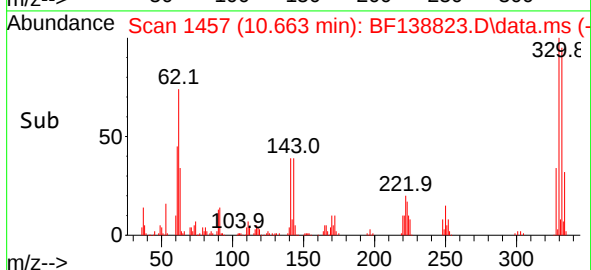
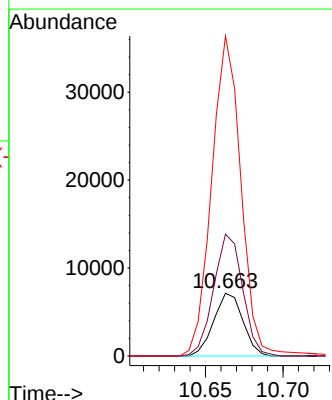
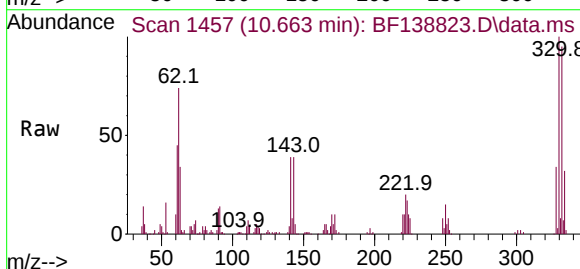
Tgt Ion:248 Resp: 9340

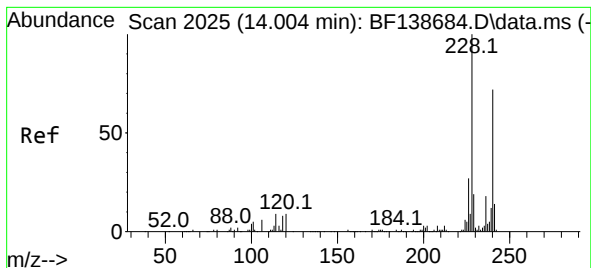
Ion Ratio Lower Upper

248 100

250 194.1 77.7 116.5#

141 510.0 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: BF138823.D

Acq: 06 Aug 2024 23:58

Instrument :

BNA_F

ClientSampleId :

P001-CF05-02RE

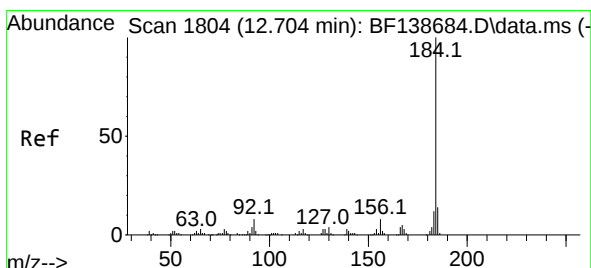
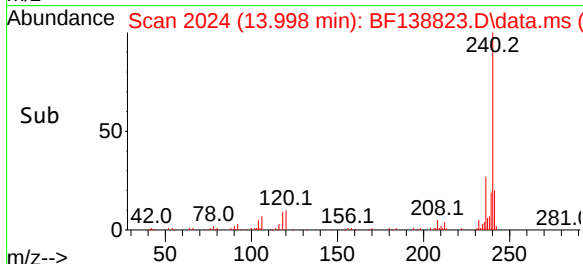
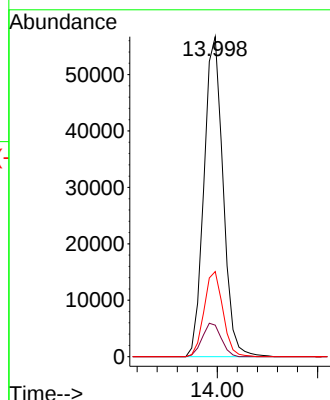
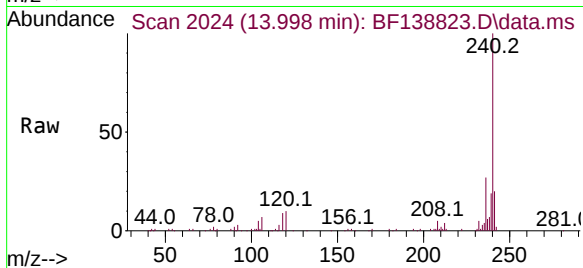
Tgt Ion:240 Resp: 75013

Ion Ratio Lower Upper

240 100

120 9.9 10.2 15.4#

236 26.6 19.8 29.8



#77

Benzdine

Concen: 5.208 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.241 min

Lab File: BF138823.D

Acq: 06 Aug 2024 23:58

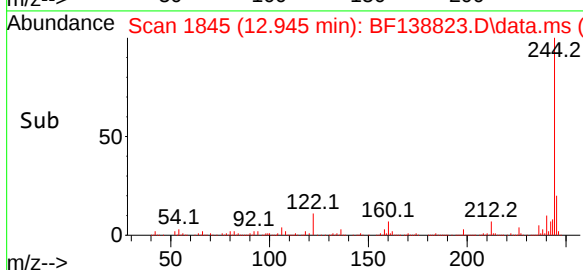
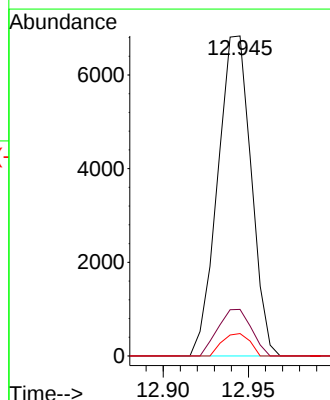
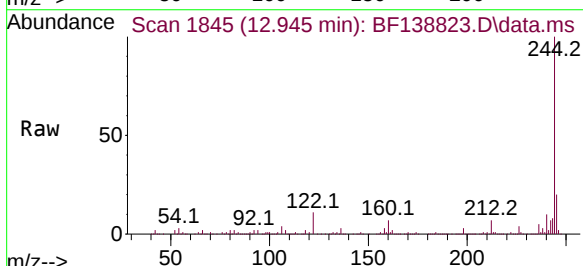
Tgt Ion:184 Resp: 9344

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

183 7.0 9.6 14.4#

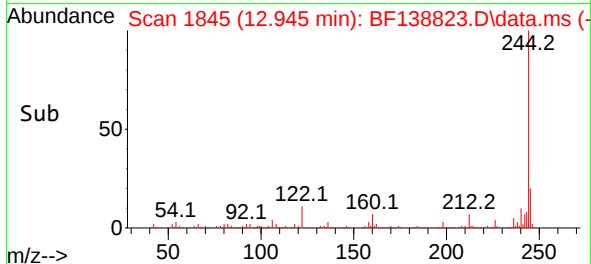
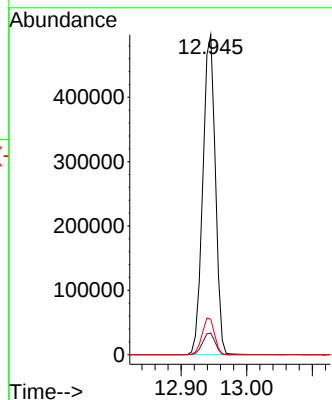
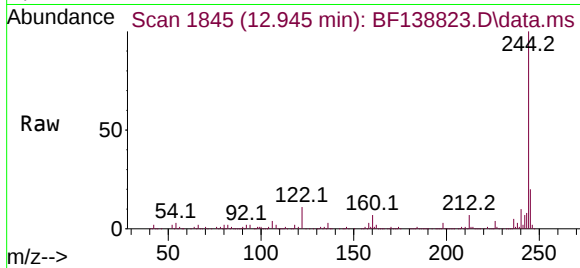




#79
 Terphenyl-d14
 Concen: 147.677 ng
 RT: 12.945 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF138823.D
 Acq: 06 Aug 2024 23:58

Instrument :
 BNA_F
 ClientSampleId :
 P001-CF05-02RE

Tgt Ion:244 Resp: 661644
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.1 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF138823.D
 Acq: 06 Aug 2024 23:58

Tgt Ion:264 Resp: 74776
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.6
 265 21.0 17.0 25.6

