

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138842.D
 Acq On : 07 Aug 2024 15:04
 Operator : RC/JU
 Sample : P3450-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 923-K1-WP0-0.25-080124

Quant Time: Aug 07 15:43:28 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)

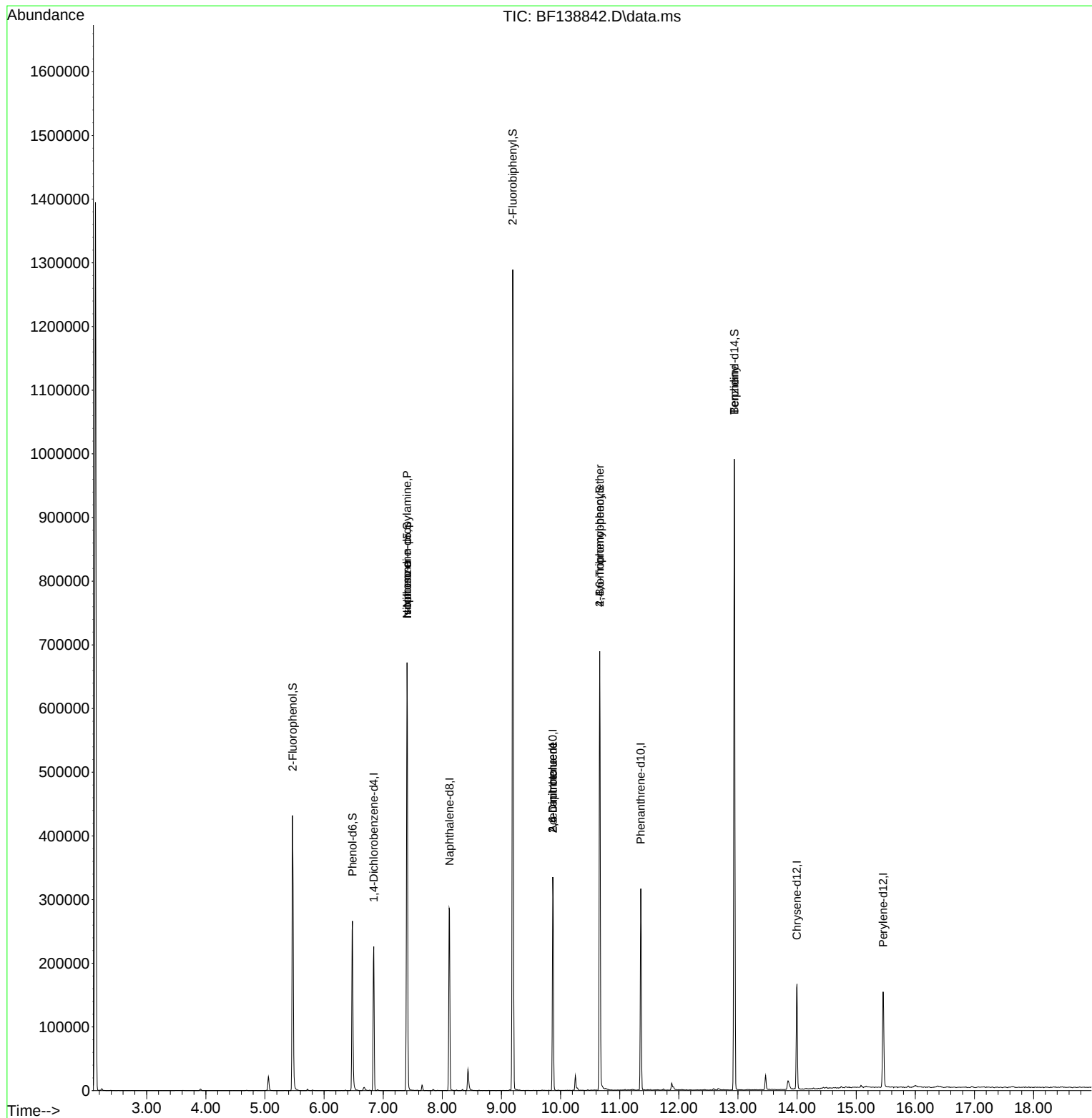
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	43446	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	178375	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	96795	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	156972	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	79013	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	85609	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	143447	50.967	ng	0.00
7) Phenol-d6	6.481	99	117360	31.058	ng	0.00
23) Nitrobenzene-d5	7.404	82	294399	80.693	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	101104	127.515	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	549779	85.339	ng	-0.01
79) Terphenyl-d14	12.939	244	463878	98.295	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	39441	17.281	ng	# 78
25) Isophorone	7.404	82	292273	46.915	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	12914	9.245	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	12914	7.247	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	7398	4.353	ng	# 1
77) Benzidine	12.939	184	6484	3.431	ng	# 87

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
Data File : BF138842.D
Acq On : 07 Aug 2024 15:04
Operator : RC/JU
Sample : P3450-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
923-K1-WP0-0.25-080124

Quant Time: Aug 07 15:43:28 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

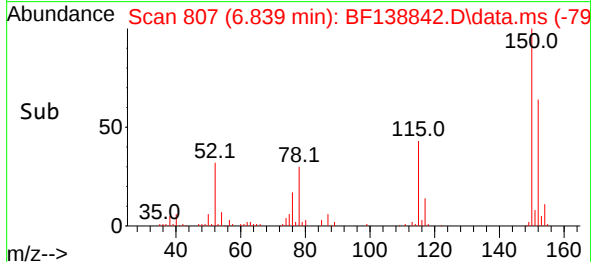
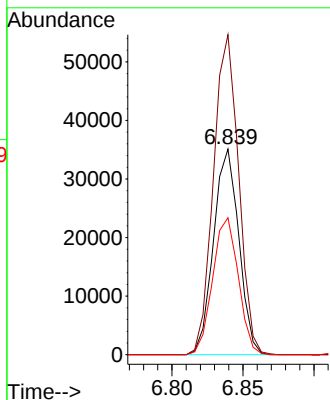
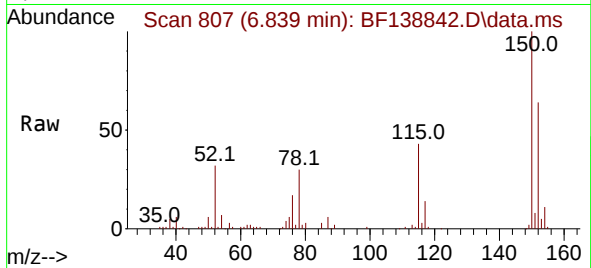




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138842.D
Acq: 07 Aug 2024 15:04

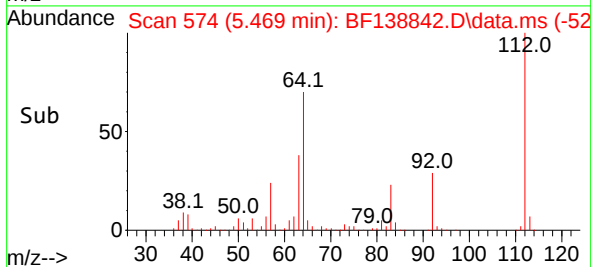
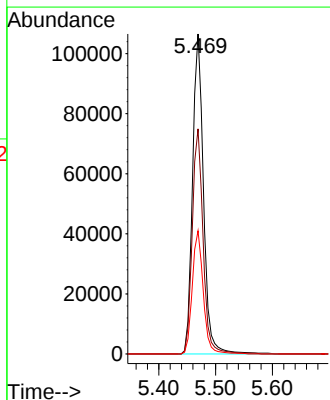
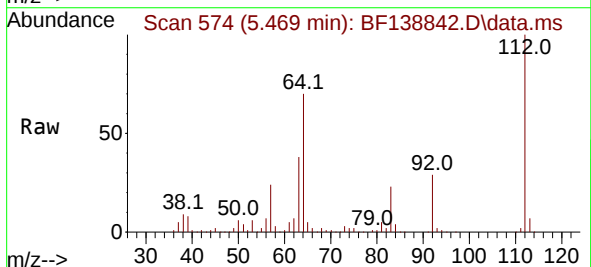
Instrument :
BNA_F
ClientSampleId :
923-K1-WP0-0.25-080124

Tgt Ion:152 Resp: 43446
Ion Ratio Lower Upper
152 100
150 155.7 126.0 189.0
115 66.6 51.7 77.5



#5
2-Fluorophenol
Concen: 50.967 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138842.D
Acq: 07 Aug 2024 15:04

Tgt Ion:112 Resp: 143447
Ion Ratio Lower Upper
112 100
64 70.4 54.2 81.4
63 38.5 28.7 43.1

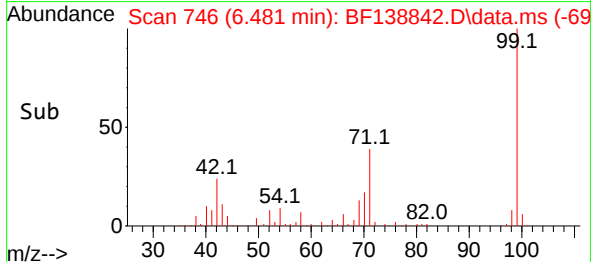
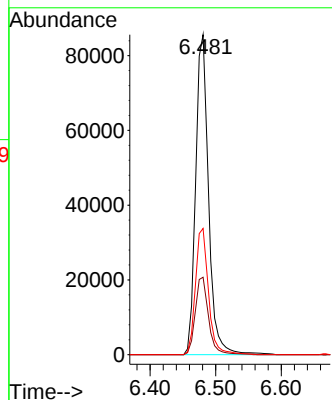
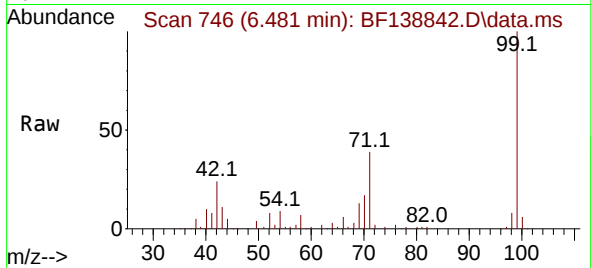




#7
Phenol-d6
Concen: 31.058 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138842.D
Acq: 07 Aug 2024 15:04

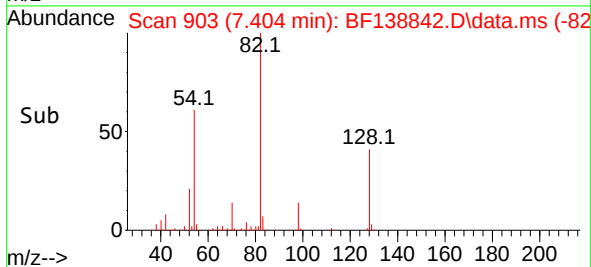
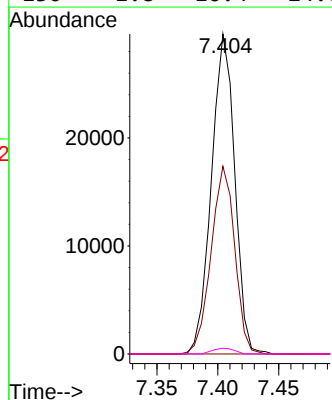
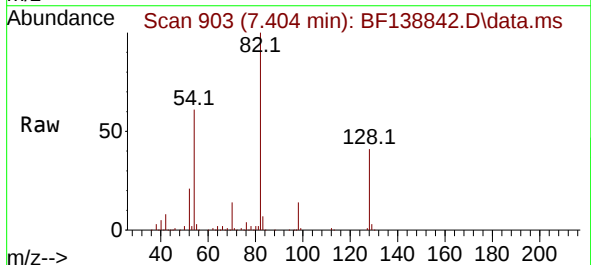
Instrument :
BNA_F
ClientSampleId :
923-K1-WP0-0.25-080124

Tgt Ion: 99 Resp: 117360
Ion Ratio Lower Upper
99 100
42 24.2 17.4 26.0
71 39.5 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 17.281 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138842.D
Acq: 07 Aug 2024 15:04

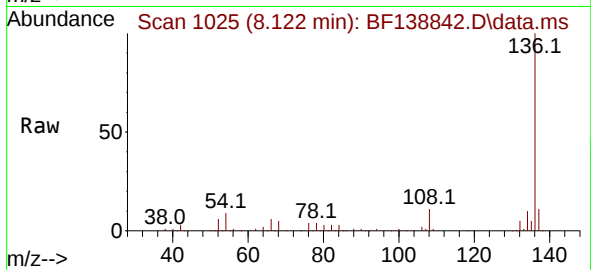
Tgt Ion: 70 Resp: 39441
Ion Ratio Lower Upper
70 100
42 58.7 57.4 86.0
101 0.0 7.5 11.3#
130 1.8 16.4 24.6#





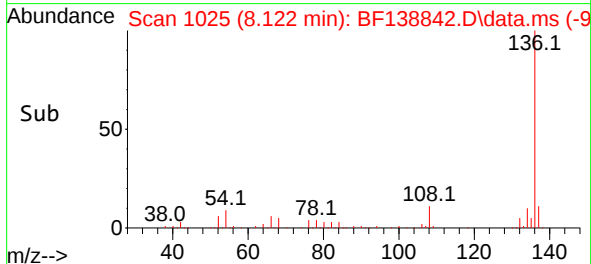
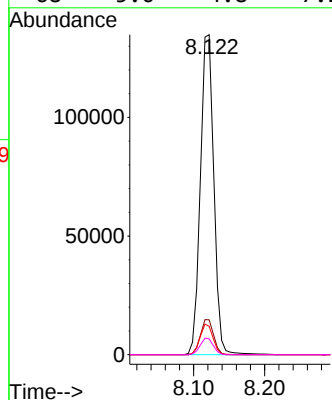
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138842.D
Acq: 07 Aug 2024 15:04

Instrument :
BNA_F
ClientSampleId :
923-K1-WP0-0.25-080124



Tgt Ion:136 Resp: 178375

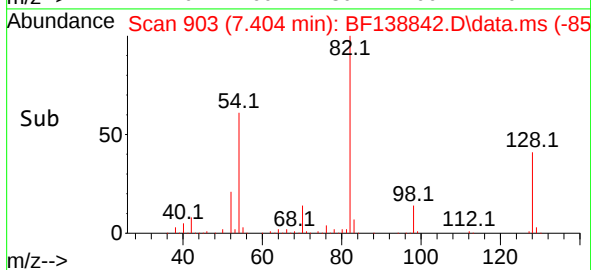
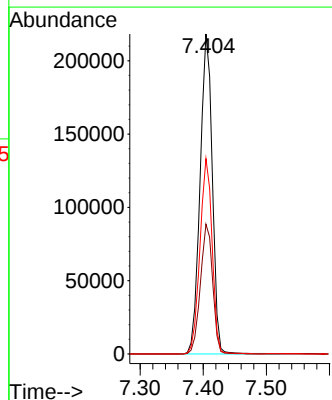
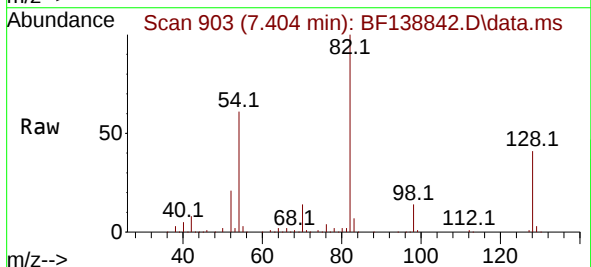
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.9	8.6	12.8
68	5.0	4.8	7.2



#23
Nitrobenzene-d5
Concen: 80.693 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138842.D
Acq: 07 Aug 2024 15:04

Tgt Ion: 82 Resp: 294399

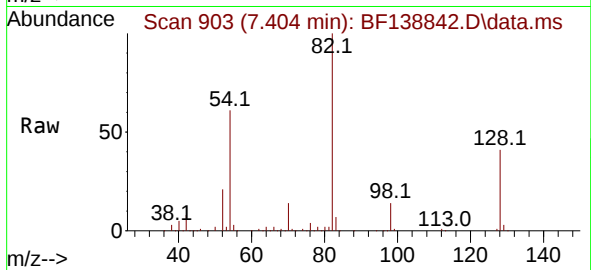
Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.8	49.2
54	61.0	48.3	72.5



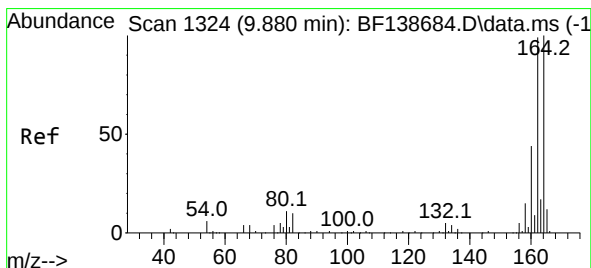
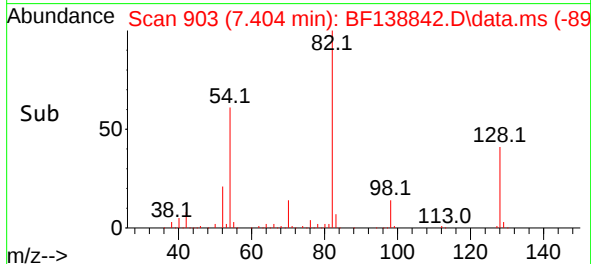
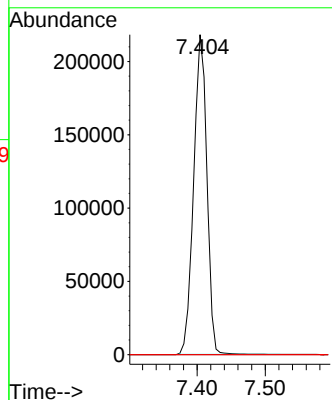


#25
Isophorone
Concen: 46.915 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138842.D
Acq: 07 Aug 2024 15:04

Instrument :
BNA_F
ClientSampleId :
923-K1-WP0-0.25-080124

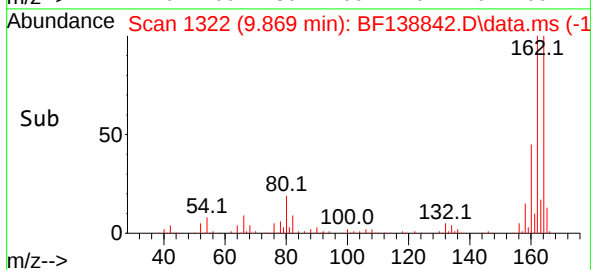
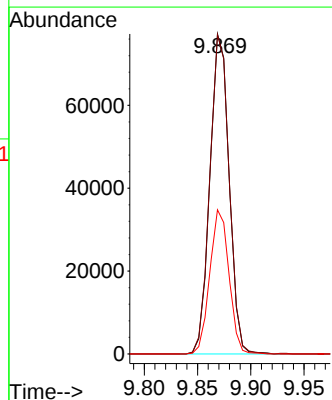
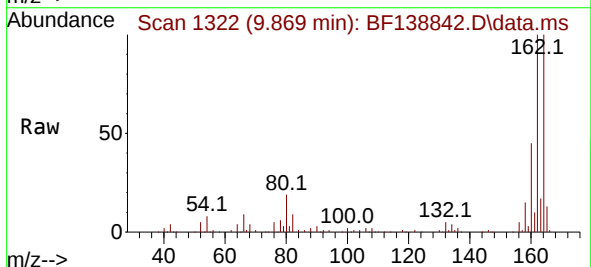


Tgt Ion: 82 Resp: 292273
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138842.D
Acq: 07 Aug 2024 15:04

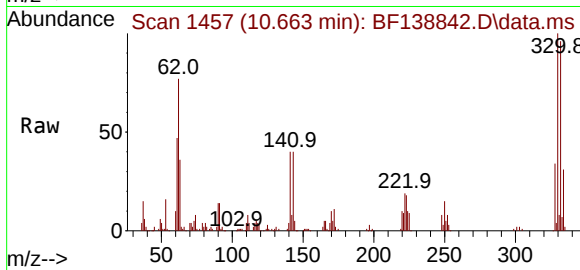
Tgt Ion:164 Resp: 96795
Ion Ratio Lower Upper
164 100
162 99.8 79.4 119.0
160 45.1 35.1 52.7



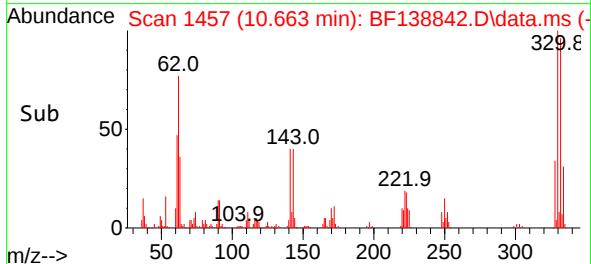
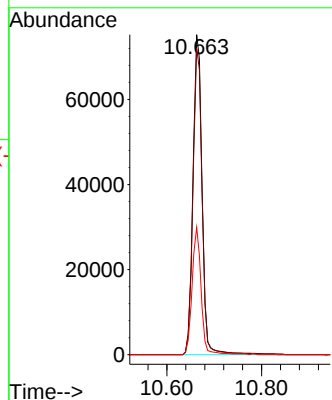


#42
2,4,6-Tribromophenol
Concen: 127.515 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138842.D
Acq: 07 Aug 2024 15:04

Instrument :
BNA_F
ClientSampleId :
923-K1-WP0-0.25-080124

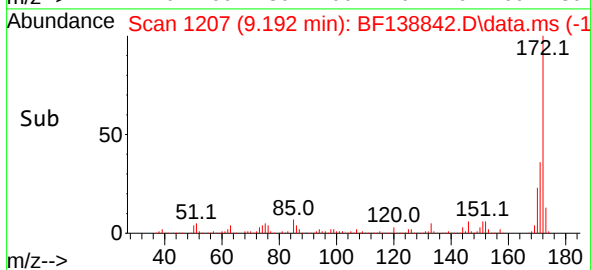
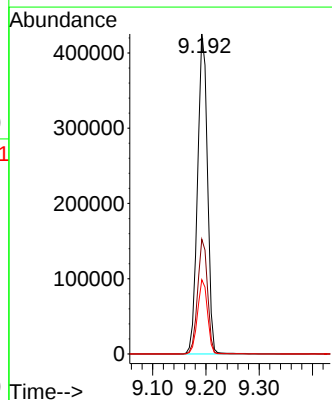
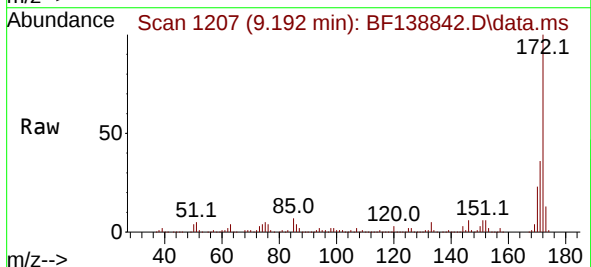


Tgt Ion:330 Resp: 101104
Ion Ratio Lower Upper
330 100
332 95.7 76.4 114.6
141 39.2 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 85.339 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138842.D
Acq: 07 Aug 2024 15:04

Tgt Ion:172 Resp: 549779
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.2 18.8 28.2

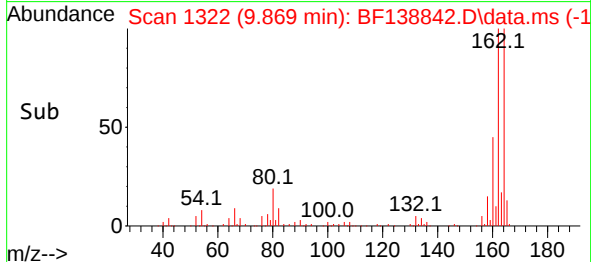
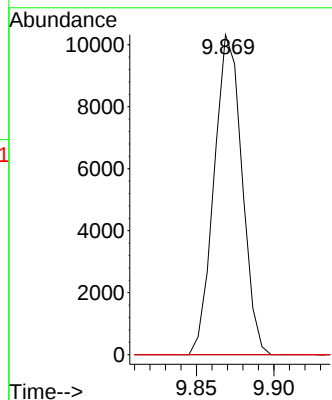
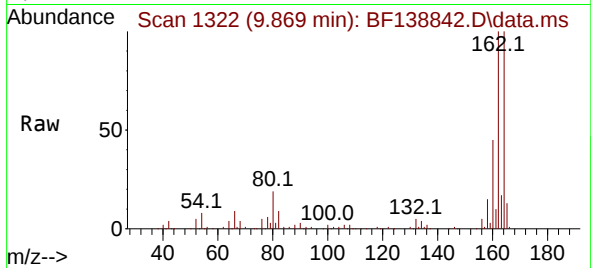




#51
2,6-Dinitrotoluene
Concen: 9.245 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138842.D
Acq: 07 Aug 2024 15:04

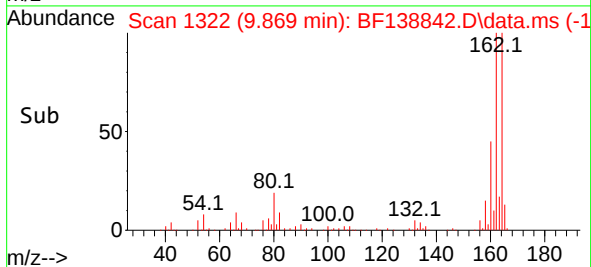
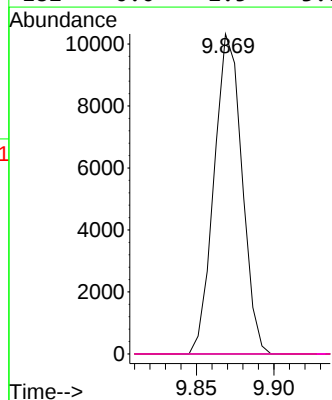
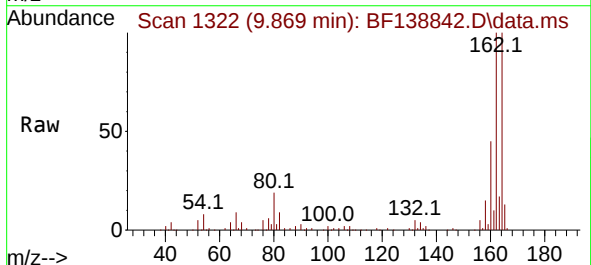
Instrument :
BNA_F
ClientSampleId :
923-K1-WP0-0.25-080124

Tgt Ion:165 Resp: 12914
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: 7.247 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138842.D
Acq: 07 Aug 2024 15:04

Tgt Ion:165 Resp: 12914
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: BF138842.D

Acq: 07 Aug 2024 15:04

Instrument :

BNA_F

ClientSampleId :

923-K1-WP0-0.25-080124

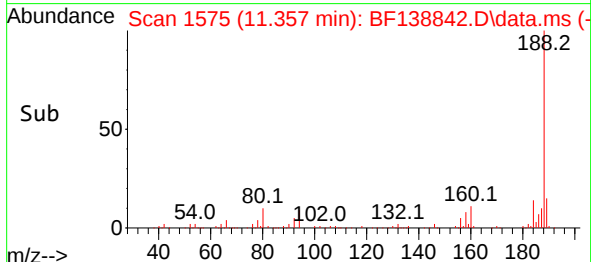
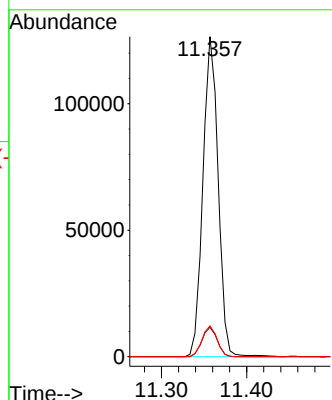
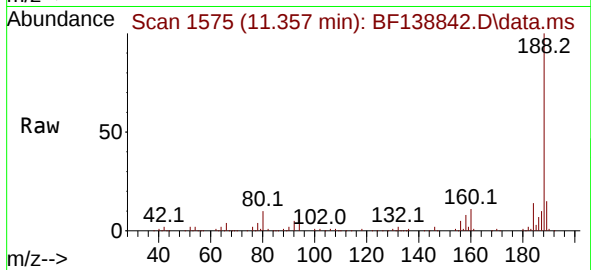
Tgt Ion:188 Resp: 156972

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 9.6 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.353 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138842.D

Acq: 07 Aug 2024 15:04

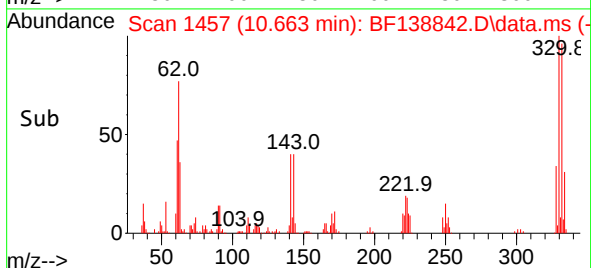
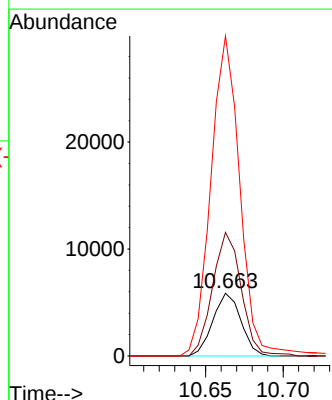
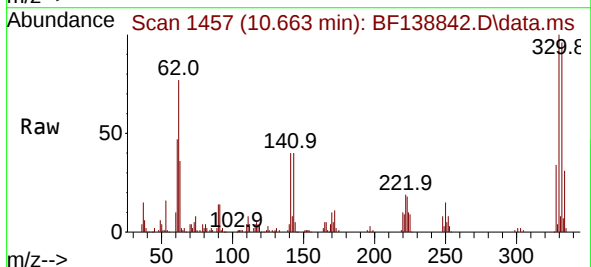
Tgt Ion:248 Resp: 7398

Ion Ratio Lower Upper

248 100

250 196.8 77.7 116.5#

141 509.6 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: BF138842.D

Acq: 07 Aug 2024 15:04

Instrument :

BNA_F

ClientSampleId :

923-K1-WP0-0.25-080124

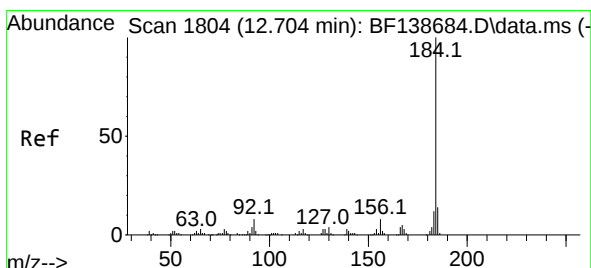
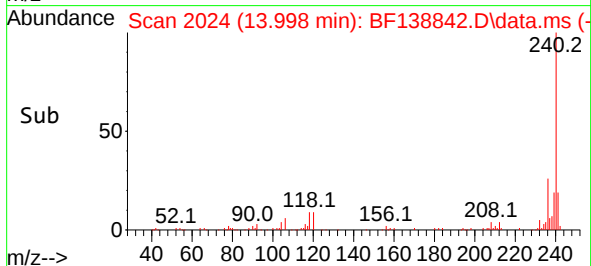
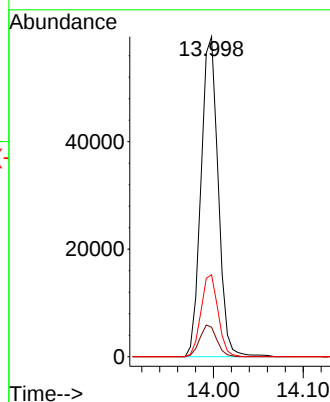
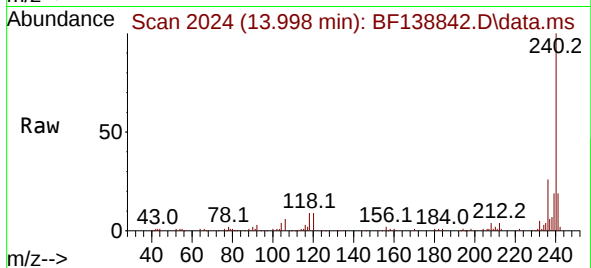
Tgt Ion:240 Resp: 79013

Ion Ratio Lower Upper

240 100

120 9.2 10.2 15.4#

236 25.6 19.8 29.8



#77

Benzidine

Concen: 3.431 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138842.D

Acq: 07 Aug 2024 15:04

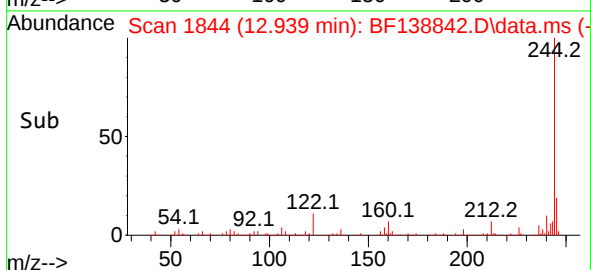
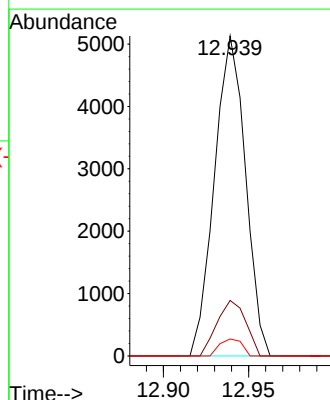
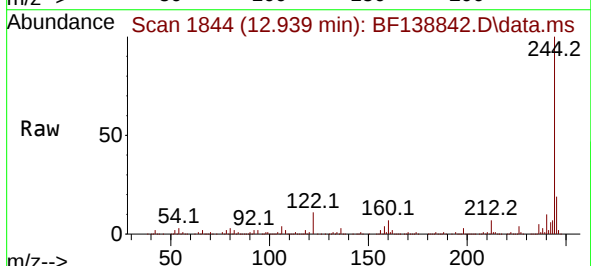
Tgt Ion:184 Resp: 6484

Ion Ratio Lower Upper

184 100

185 17.3 11.1 16.7#

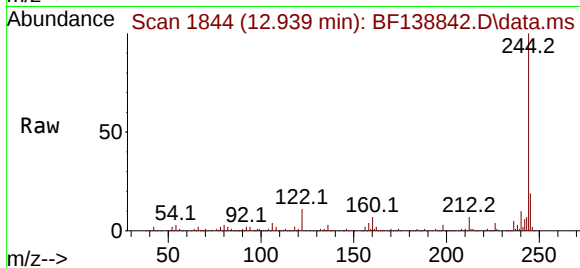
183 5.3 9.6 14.4#



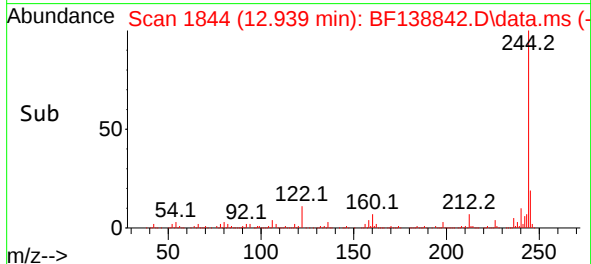
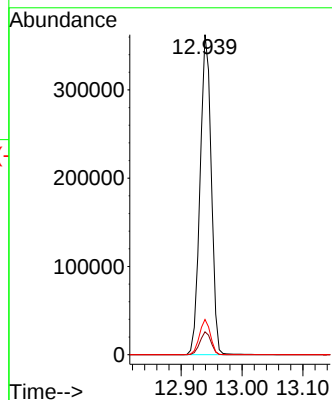


#79
 Terphenyl-d14
 Concen: 98.295 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138842.D
 Acq: 07 Aug 2024 15:04

Instrument :
 BNA_F
 ClientSampleId :
 923-K1-WP0-0.25-080124



Tgt Ion:244 Resp: 463878
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 11.0 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: BF138842.D
 Acq: 07 Aug 2024 15:04

Tgt Ion:264 Resp: 85609
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.0 17.0 25.6

