

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138851.D
 Acq On : 07 Aug 2024 19:37
 Operator : RC/JU
 Sample : P3430-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 927-K1-WP0-0-0.25-073124-FD

Quant Time: Aug 08 01:20:37 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)

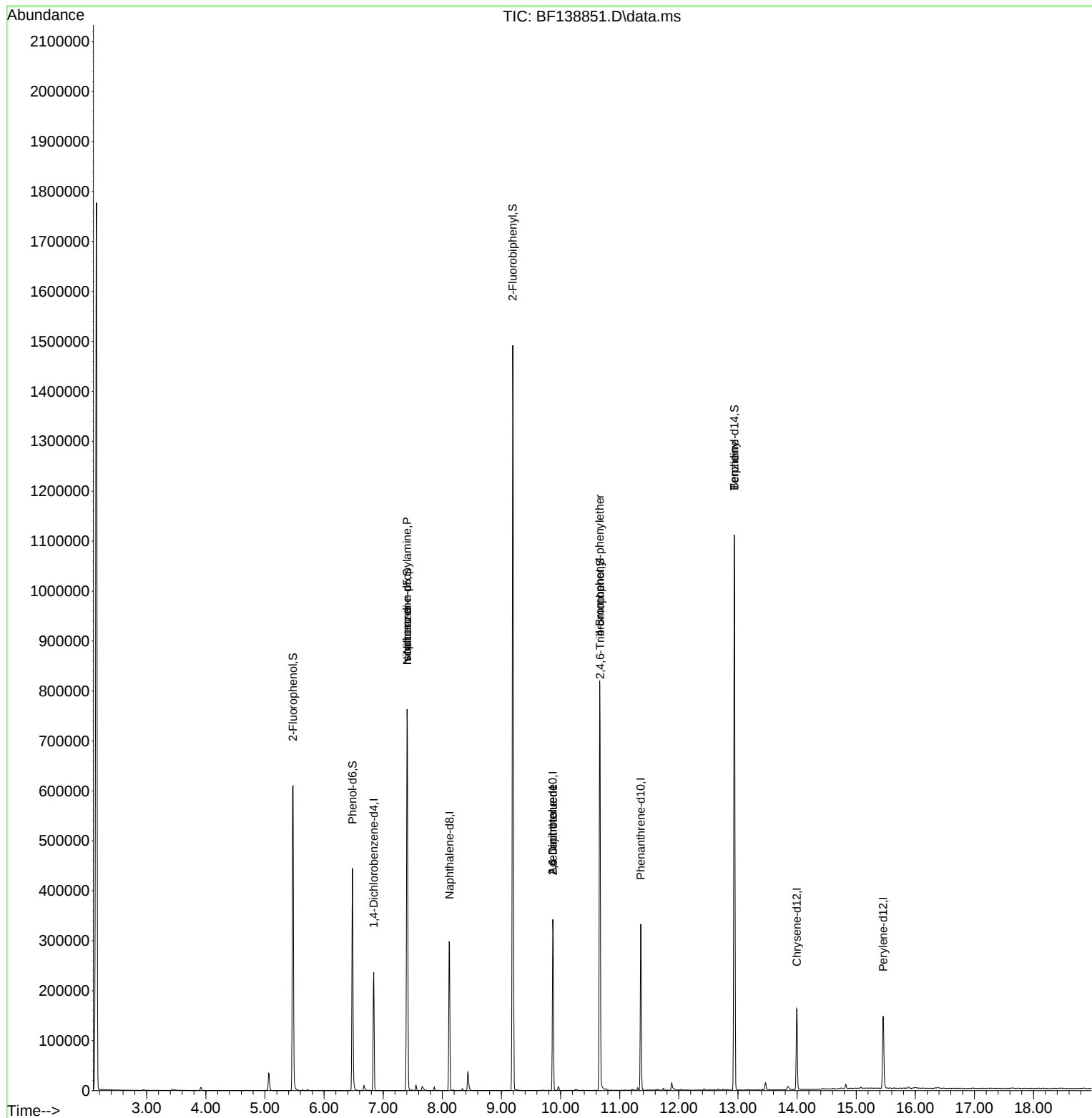
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	45755	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	182999	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	98820	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	161899	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	79196	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	83196	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	211366	71.309	ng	0.00
7) Phenol-d6	6.481	99	182881	45.955	ng	0.00
23) Nitrobenzene-d5	7.404	82	346629	92.608	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	124628	153.963	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	636835	96.827	ng	-0.01
79) Terphenyl-d14	12.939	244	527614	111.542	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	47821	19.896	ng	# 78
25) Isophorone	7.404	82	344266	53.865	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	13376	9.380	ng	# 21
57) 2,4-Dinitrotoluene	9.869	165	13376	7.352	ng	# 18
67) 4-Bromophenyl-phenylether	10.663	248	8947	5.104	ng	# 1
77) Benzidine	12.939	184	8274	4.368	ng	# 93

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

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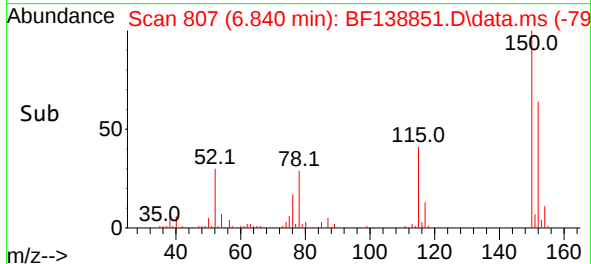
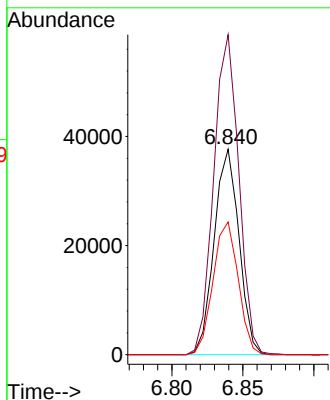
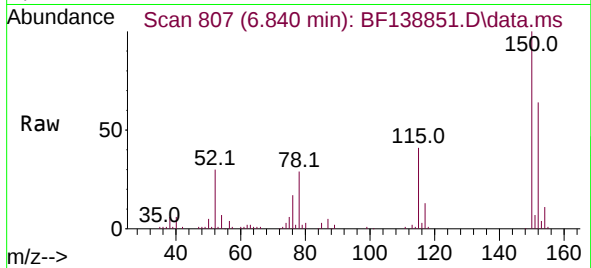




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138851.D
Acq: 07 Aug 2024 19:37

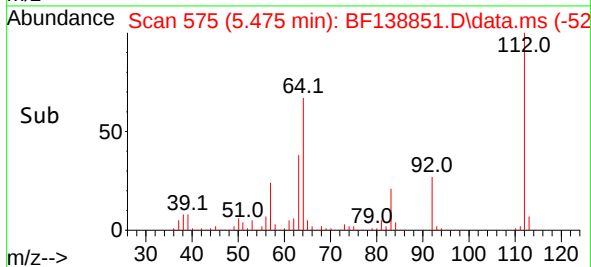
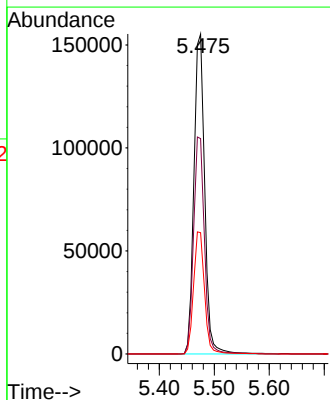
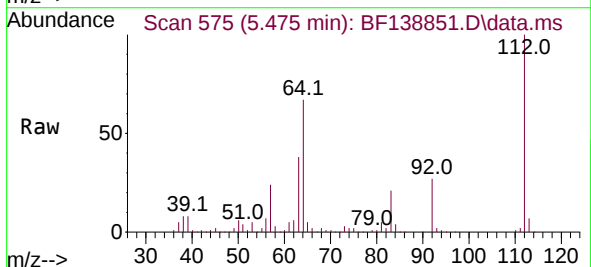
Instrument :
BNA_F
ClientSampleId :
927-K1-WP0-0-0.25-073124-FD

Tgt Ion:152 Resp: 45755
Ion Ratio Lower Upper
152 100
150 155.7 126.0 189.0
115 64.6 51.7 77.5



#5
2-Fluorophenol
Concen: 71.309 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138851.D
Acq: 07 Aug 2024 19:37

Tgt Ion:112 Resp: 211366
Ion Ratio Lower Upper
112 100
64 67.3 54.2 81.4
63 37.9 28.7 43.1

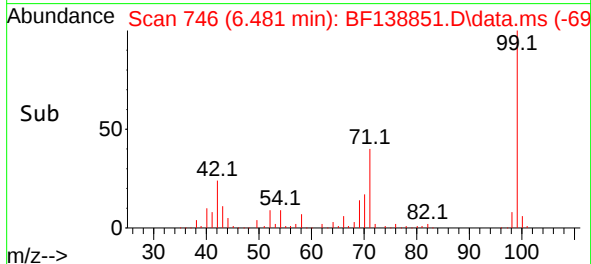
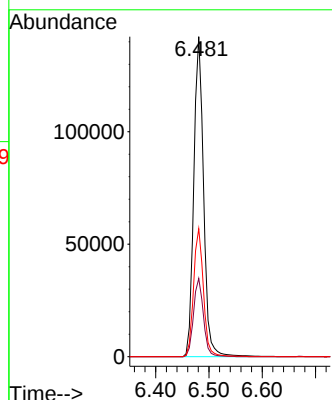
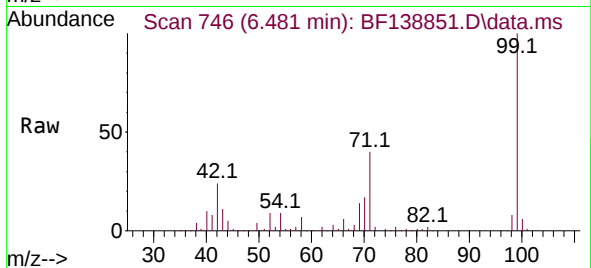




#7
Phenol-d6
Concen: 45.955 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138851.D
Acq: 07 Aug 2024 19:37

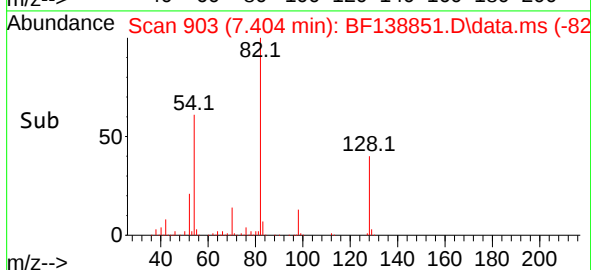
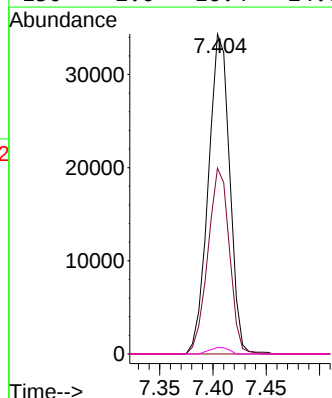
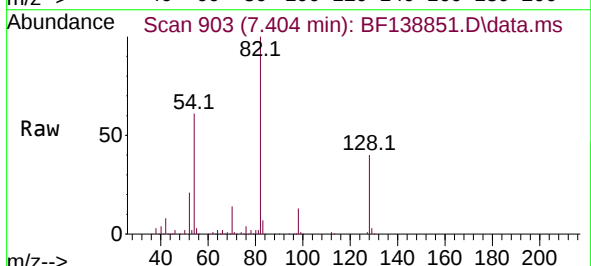
Instrument :
BNA_F
ClientSampleId :
927-K1-WP0-0-0.25-073124-FD

Tgt Ion: 99 Resp: 182881
Ion Ratio Lower Upper
99 100
42 24.5 17.4 26.0
71 40.0 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 19.896 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138851.D
Acq: 07 Aug 2024 19:37

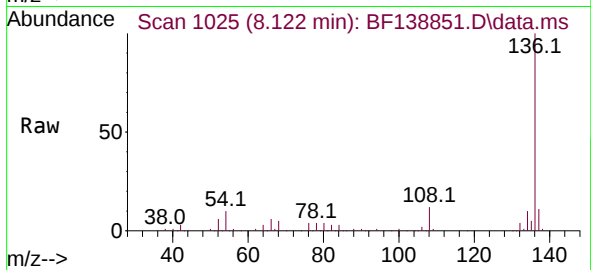
Tgt Ion: 70 Resp: 47821
Ion Ratio Lower Upper
70 100
42 58.1 57.4 86.0
101 0.0 7.5 11.3#
130 2.0 16.4 24.6#





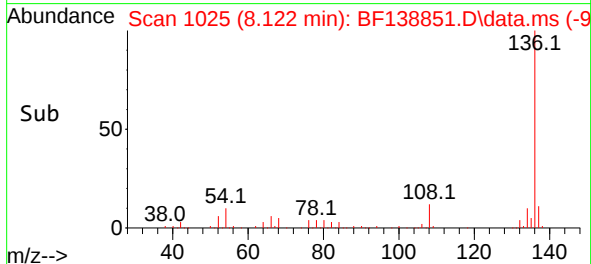
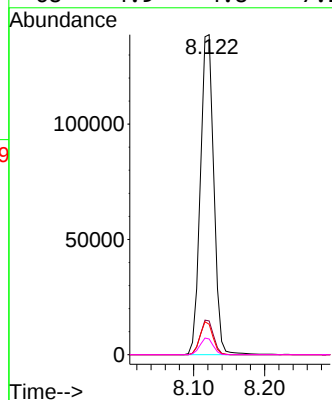
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138851.D
Acq: 07 Aug 2024 19:37

Instrument :
BNA_F
ClientSampleId :
927-K1-WP0-0-0.25-073124-FD



Tgt Ion:136 Resp: 182999

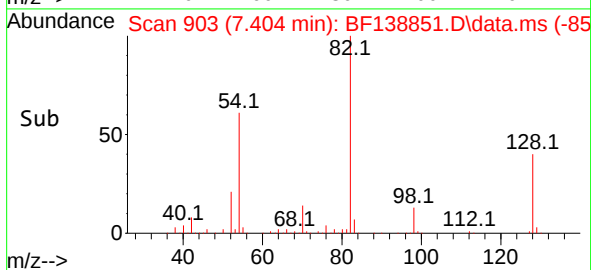
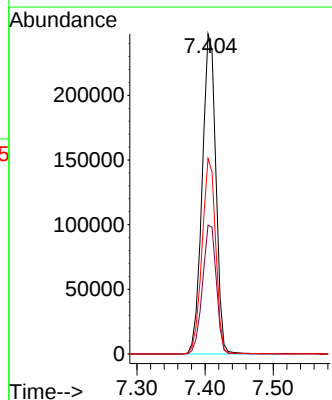
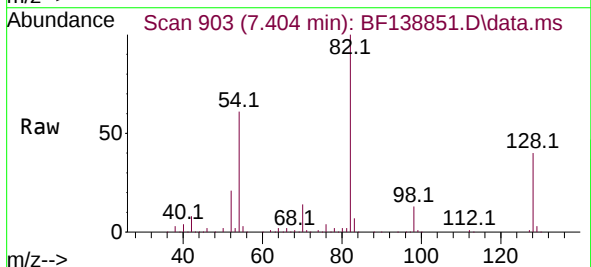
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	9.5	8.6	12.8
68	4.9	4.8	7.2



#23
Nitrobenzene-d5
Concen: 92.608 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138851.D
Acq: 07 Aug 2024 19:37

Tgt Ion: 82 Resp: 346629

Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.8	49.2
54	61.1	48.3	72.5

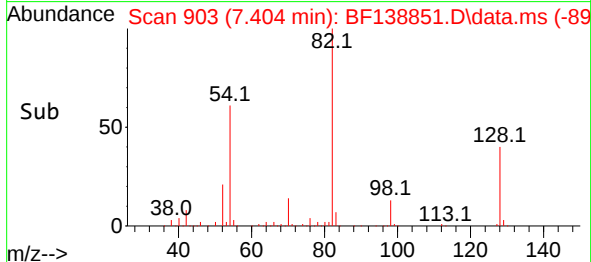
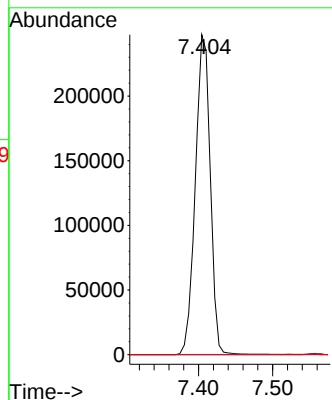
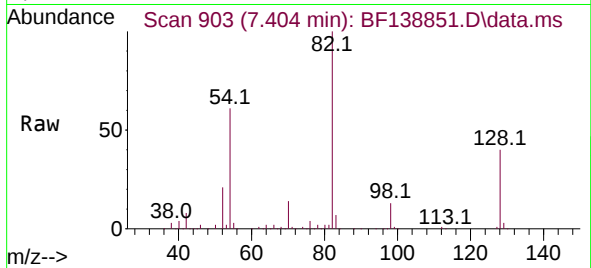




#25
Isophorone
Concen: 53.865 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138851.D
Acq: 07 Aug 2024 19:37

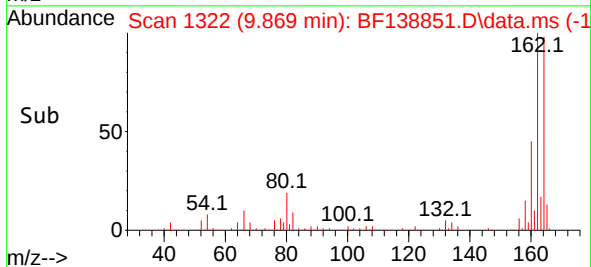
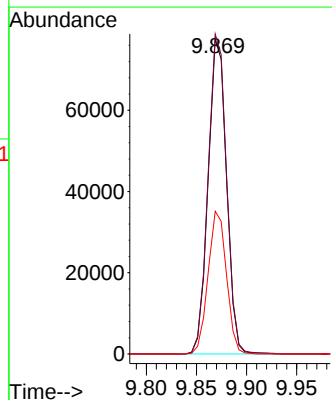
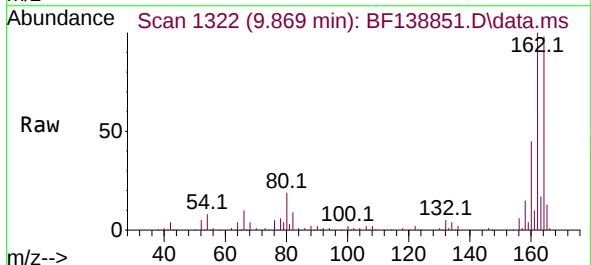
Instrument :
BNA_F
ClientSampleId :
927-K1-WP0-0-0.25-073124-FD

Tgt Ion: 82 Resp: 344266
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: BF138851.D
Acq: 07 Aug 2024 19:37

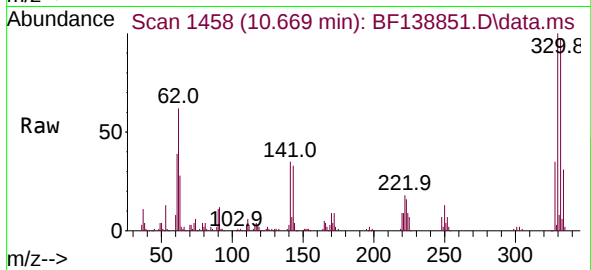
Tgt Ion:164 Resp: 98820
Ion Ratio Lower Upper
164 100
162 101.6 79.4 119.0
160 45.3 35.1 52.7



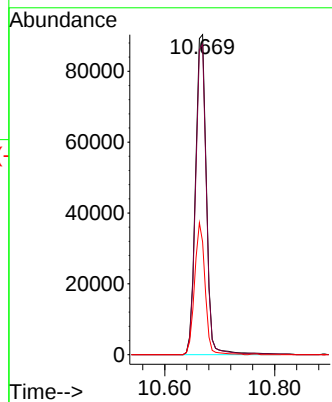
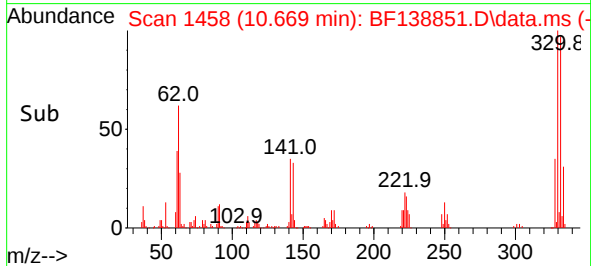


#42
2,4,6-Tribromophenol
Concen: 153.963 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138851.D
Acq: 07 Aug 2024 19:37

Instrument :
BNA_F
ClientSampleId :
927-K1-WP0-0-0.25-073124-FD

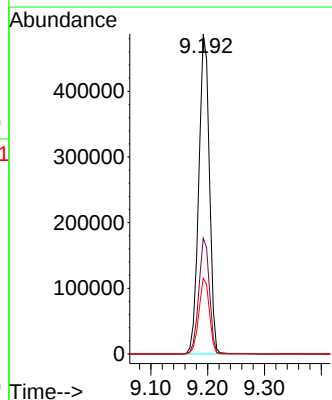
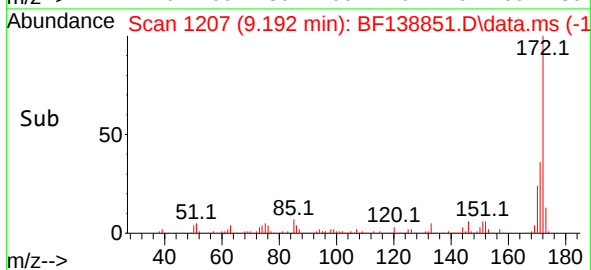
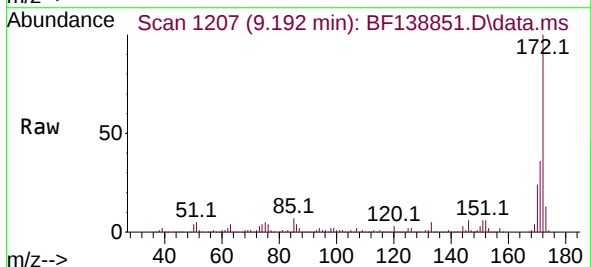


Tgt Ion:330 Resp: 124628
Ion Ratio Lower Upper
330 100
332 95.2 76.4 114.6
141 39.5 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 96.827 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138851.D
Acq: 07 Aug 2024 19:37

Tgt Ion:172 Resp: 636835
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 23.7 18.8 28.2

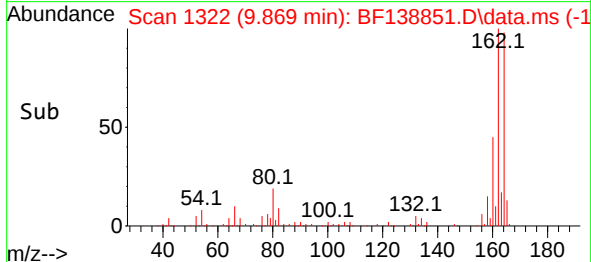
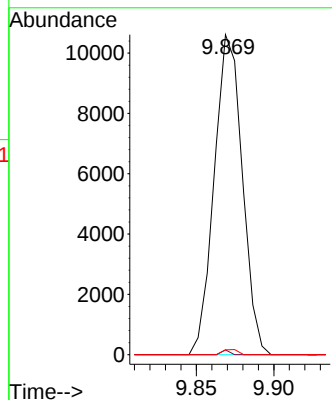
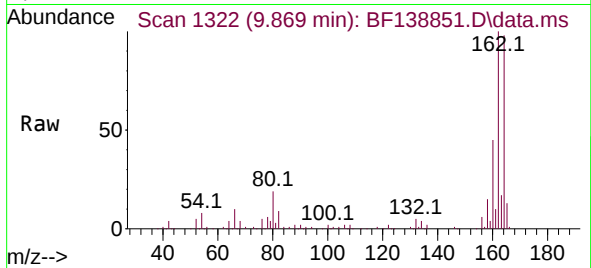




#51
2,6-Dinitrotoluene
Concen: 9.380 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138851.D
Acq: 07 Aug 2024 19:37

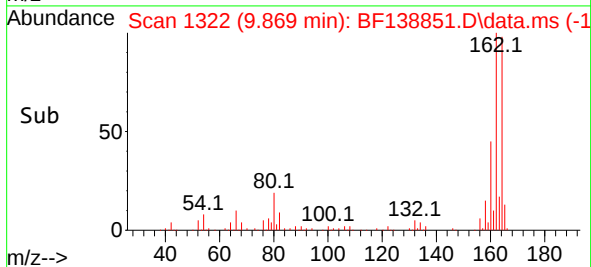
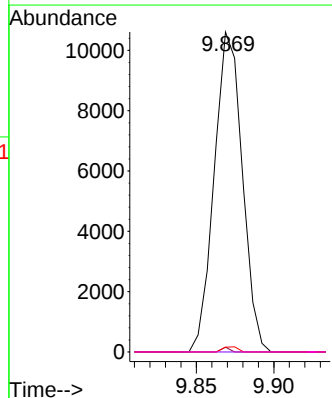
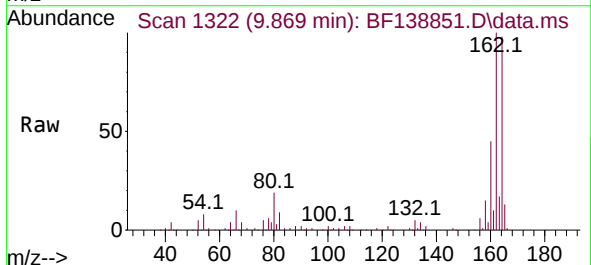
Instrument :
BNA_F
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927-K1-WP0-0-0.25-073124-FD

Tgt Ion:165 Resp: 13376
Ion Ratio Lower Upper
165 100
63 1.5 52.0 78.0#
89 1.5 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.352 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138851.D
Acq: 07 Aug 2024 19:37

Tgt Ion:165 Resp: 13376
Ion Ratio Lower Upper
165 100
63 1.5 46.3 69.5#
89 1.5 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: BF138851.D

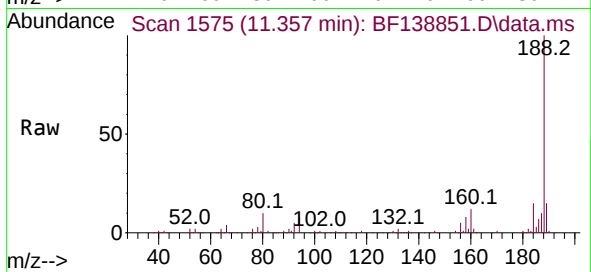
Acq: 07 Aug 2024 19:37

Instrument :

BNA_F

ClientSampleId :

927-K1-WP0-0-0.25-073124-FD



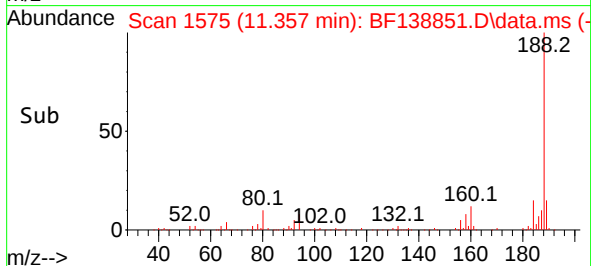
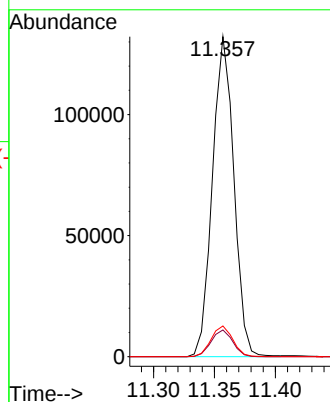
Tgt Ion:188 Resp: 161899

Ion Ratio Lower Upper

188 100

94 8.3 7.6 11.4

80 9.6 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 5.104 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138851.D

Acq: 07 Aug 2024 19:37

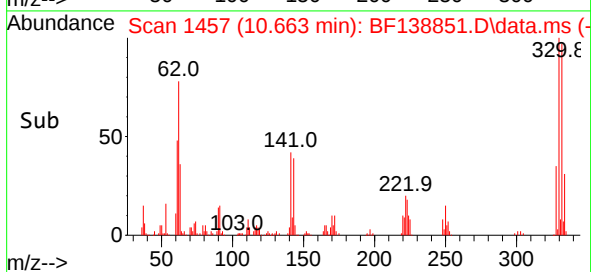
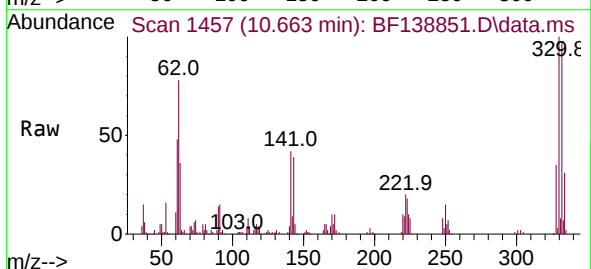
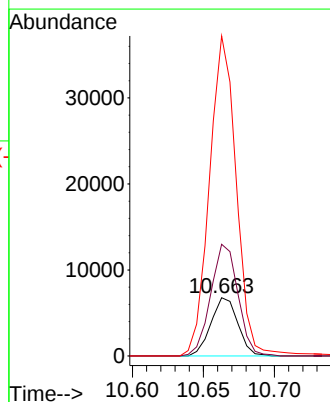
Tgt Ion:248 Resp: 8947

Ion Ratio Lower Upper

248 100

250 191.8 77.7 116.5#

141 549.9 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: BF138851.D

Acq: 07 Aug 2024 19:37

Instrument :

BNA_F

ClientSampleId :

927-K1-WP0-0-0.25-073124-FD

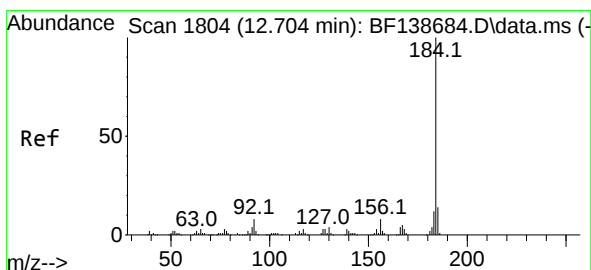
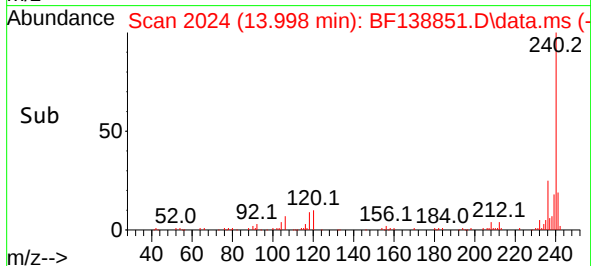
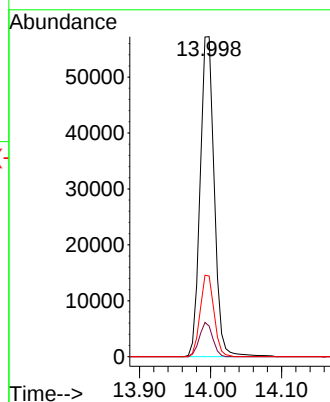
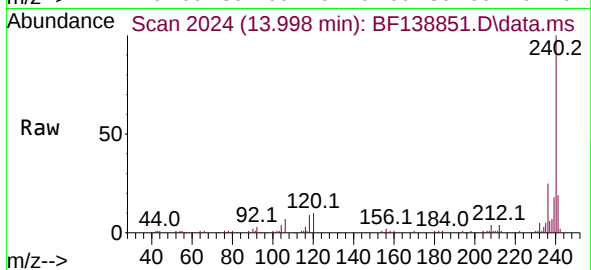
Tgt Ion:240 Resp: 79196

Ion Ratio Lower Upper

240 100

120 9.5 10.2 15.4#

236 25.2 19.8 29.8



#77

Benzidine

Concen: 4.368 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138851.D

Acq: 07 Aug 2024 19:37

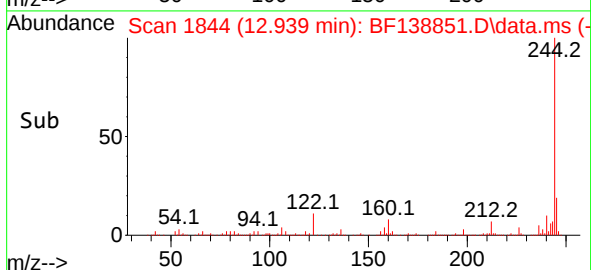
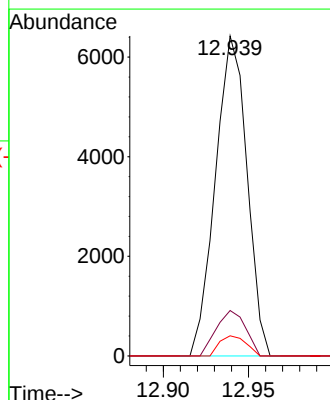
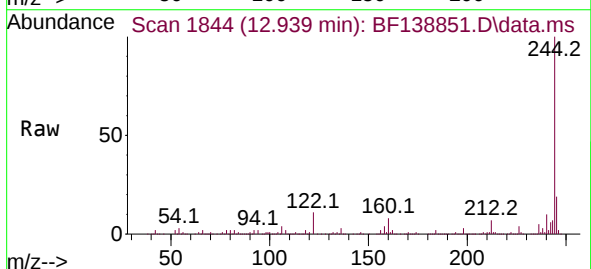
Tgt Ion:184 Resp: 8274

Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

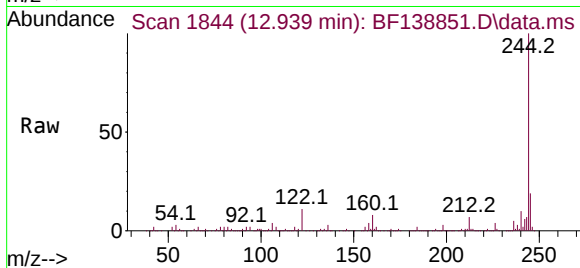
183 6.3 9.6 14.4#



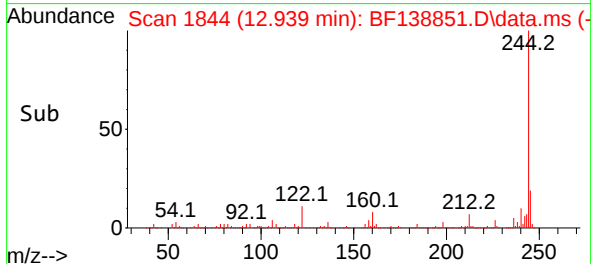
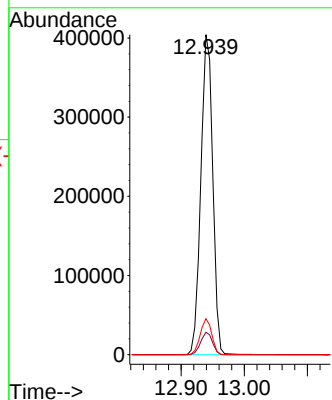


#79
 Terphenyl-d14
 Concen: 111.542 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138851.D
 Acq: 07 Aug 2024 19:37

Instrument :
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 ClientSampleId :
 927-K1-WP0-0-0.25-073124-FD



Tgt Ion:244 Resp: 527614
 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# 2272
 Delta R.T. -0.012 min
 Lab File: BF138851.D
 Acq: 07 Aug 2024 19:37

Tgt Ion:264 Resp: 83196
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 21.2 17.0 25.6

