

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138850.D
 Acq On : 07 Aug 2024 19:06
 Operator : RC/JU
 Sample : P3430-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 08 01:20:21 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)

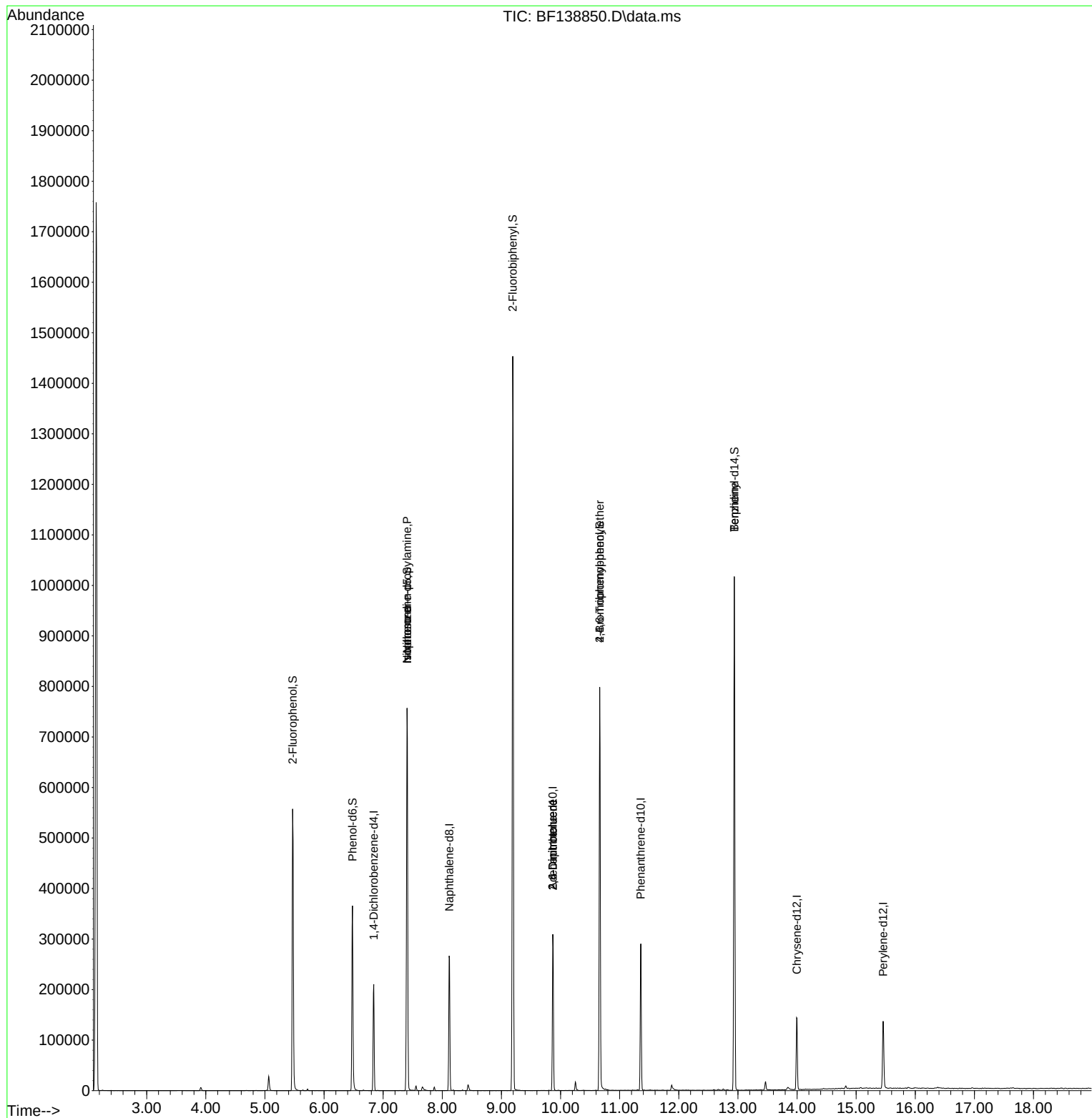
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	40912	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	166378	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	89788	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	145303	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	70698	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	76602	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	183376	69.190	ng	0.00
7) Phenol-d6	6.481	99	154999	43.559	ng	0.00
23) Nitrobenzene-d5	7.404	82	341919	100.475	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	116672	158.633	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	624833	104.559	ng	-0.01
79) Terphenyl-d14	12.939	244	473416	112.114	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	46270	21.529	ng	# 80
25) Isophorone	7.404	82	341916	58.841	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	11424	8.817	ng	# 22
57) 2,4-Dinitrotoluene	9.869	165	11424	6.911	ng	# 18
67) 4-Bromophenyl-phenylether	10.663	248	8394	5.336	ng	# 1
77) Benzidine	12.939	184	6808	4.026	ng	# 91

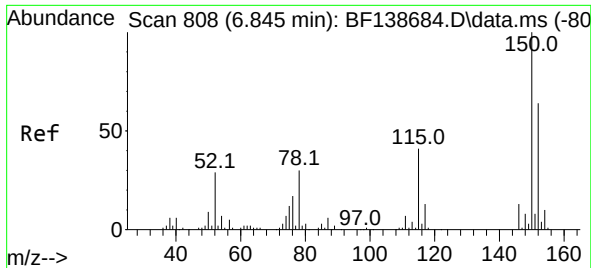
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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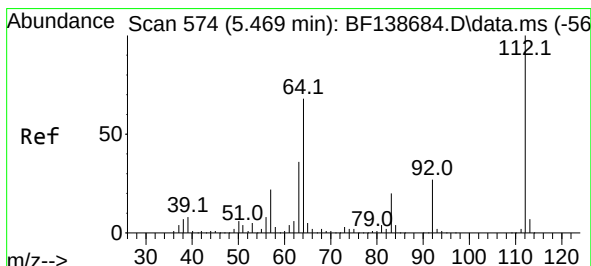
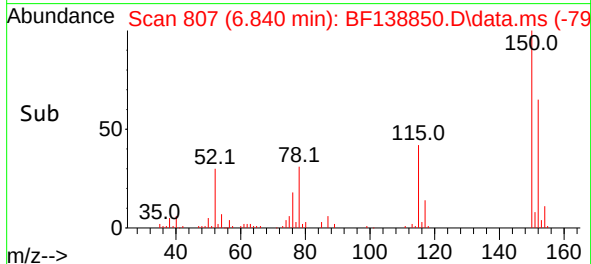
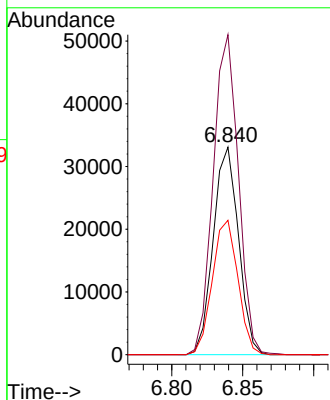
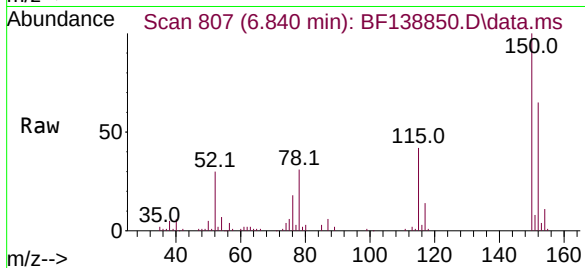




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138850.D
Acq: 07 Aug 2024 19:06

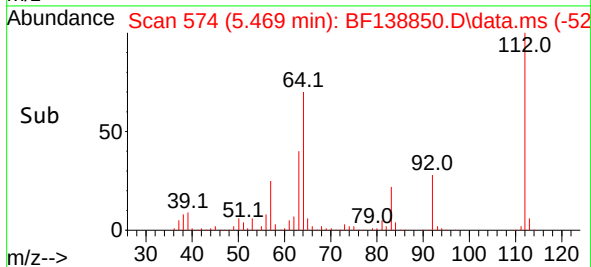
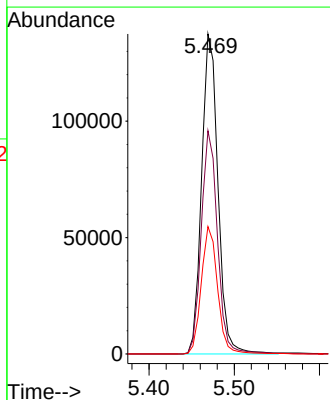
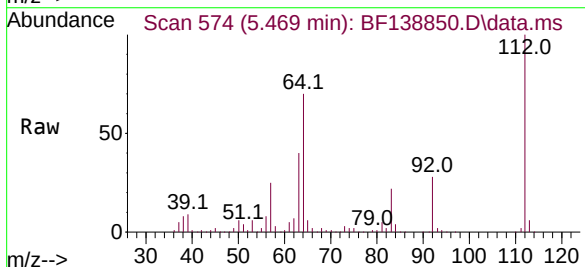
Instrument :
BNA_F
ClientSampleId :
927-K1-WP0-0-0.25-073124

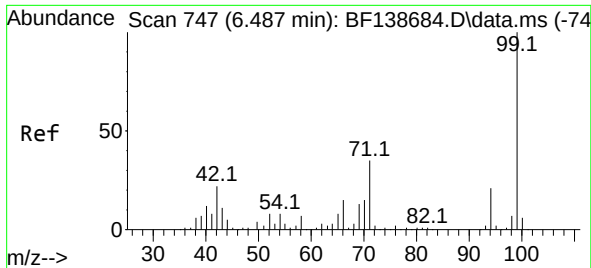
Tgt Ion:152 Resp: 40912
Ion Ratio Lower Upper
152 100
150 154.1 126.0 189.0
115 64.7 51.7 77.5



#5
2-Fluorophenol
Concen: 69.190 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138850.D
Acq: 07 Aug 2024 19:06

Tgt Ion:112 Resp: 183376
Ion Ratio Lower Upper
112 100
64 69.7 54.2 81.4
63 39.8 28.7 43.1

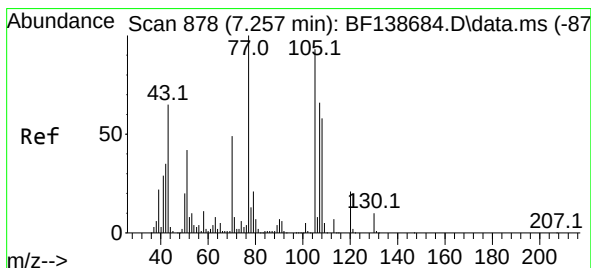
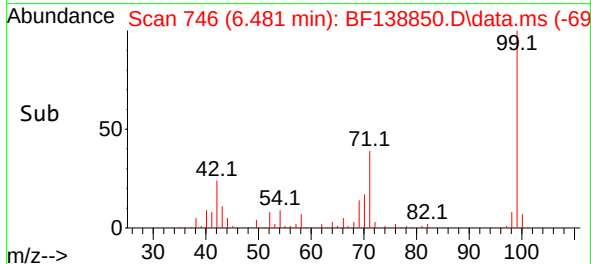
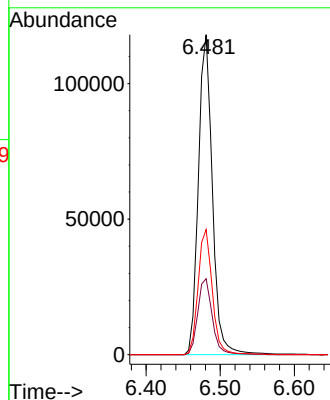
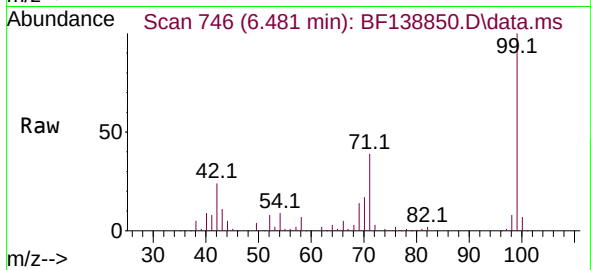




#7
Phenol-d6
Concen: 43.559 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138850.D
Acq: 07 Aug 2024 19:06

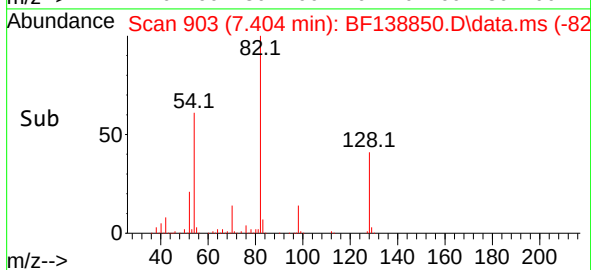
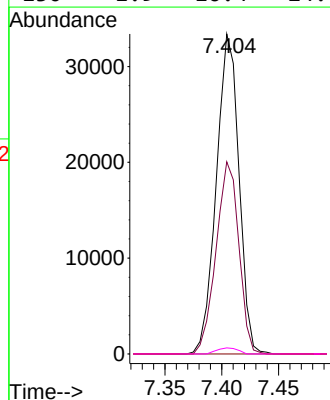
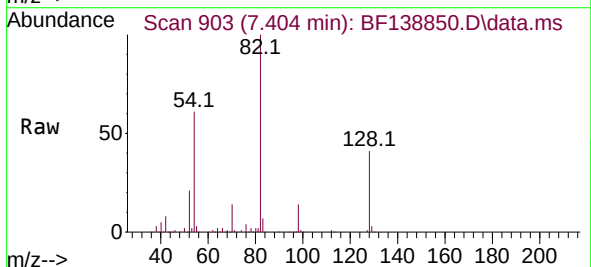
Instrument :
BNA_F
ClientSampleId :
927-K1-WP0-0-0.25-073124

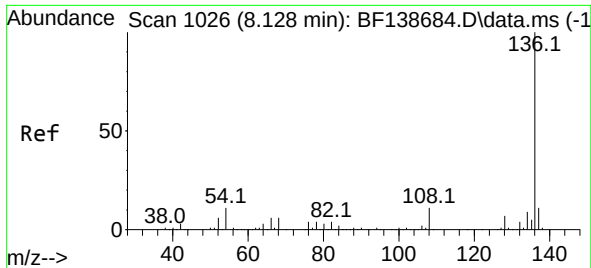
Tgt Ion: 99 Resp: 154999
Ion Ratio Lower Upper
99 100
42 23.8 17.4 26.0
71 39.1 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 21.529 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138850.D
Acq: 07 Aug 2024 19:06

Tgt Ion: 70 Resp: 46270
Ion Ratio Lower Upper
70 100
42 60.0 57.4 86.0
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#

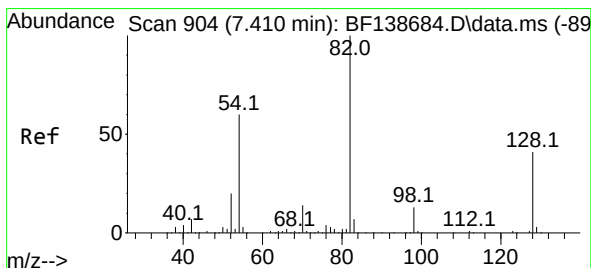
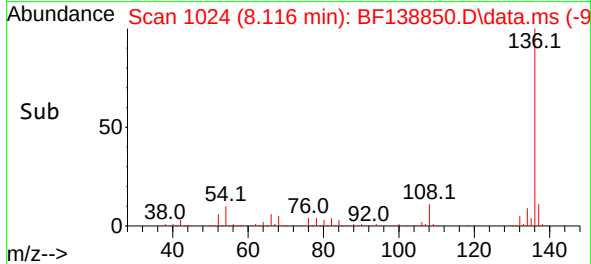
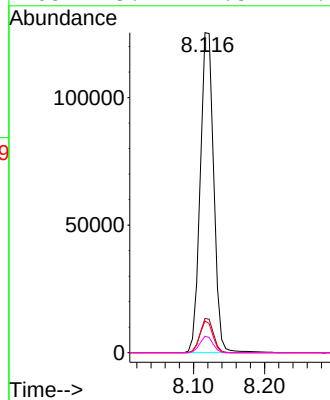
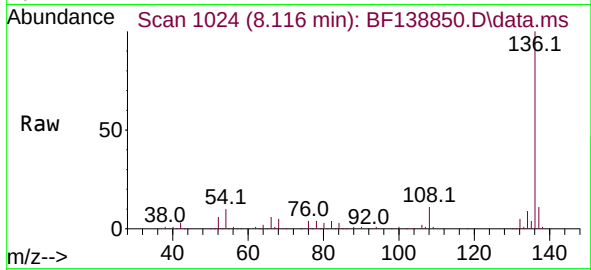




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138850.D
Acq: 07 Aug 2024 19:06

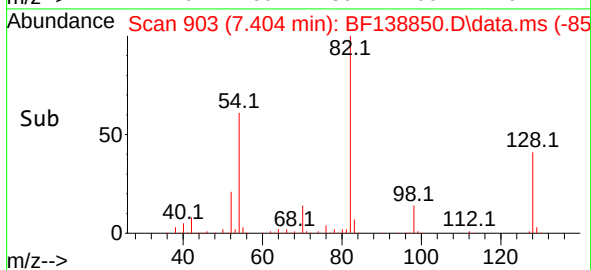
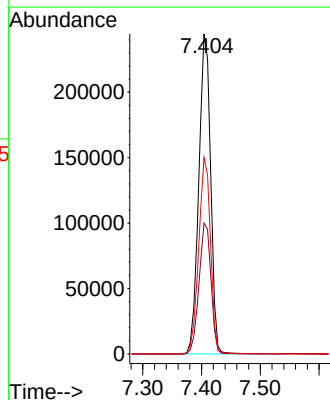
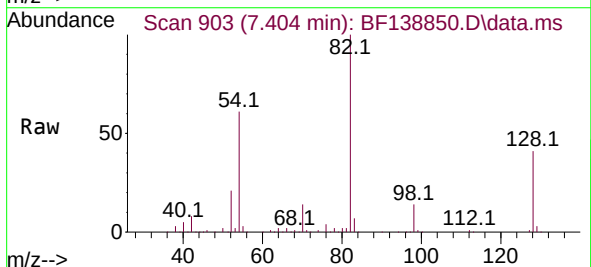
Instrument :
BNA_F
ClientSampleId :
927-K1-WP0-0-0.25-073124

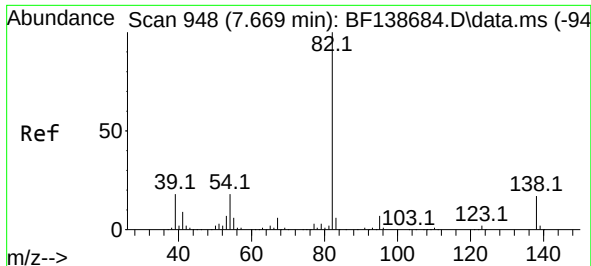
Tgt	Ion:136	Resp:	166378
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.9	8.6	12.8
68	5.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 100.475 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138850.D
Acq: 07 Aug 2024 19:06

Tgt Ion: 82	Resp: 341919
Ion Ratio	Lower Upper
82 100	
128 40.8	32.8 49.2
54 61.3	48.3 72.5

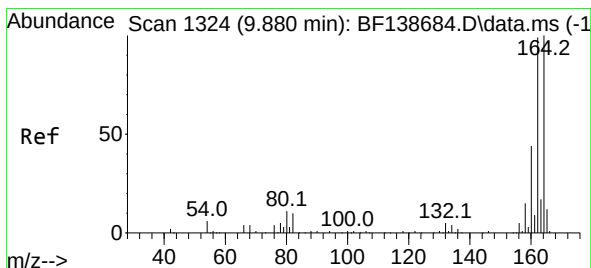
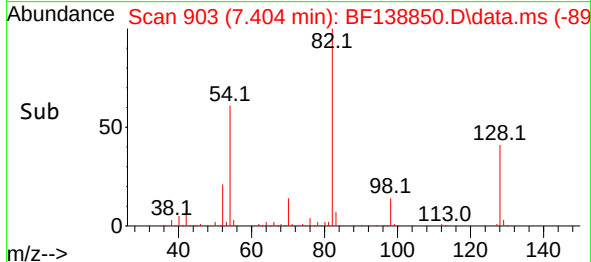
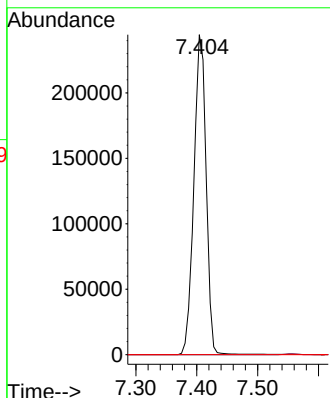
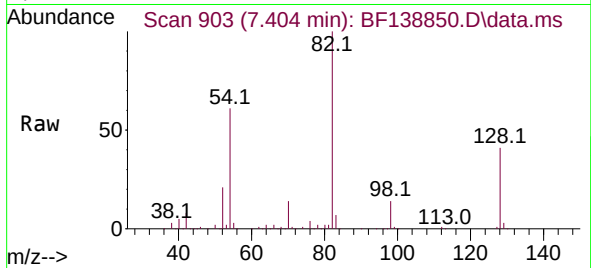




#25
Isophorone
Concen: 58.841 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138850.D
Acq: 07 Aug 2024 19:06

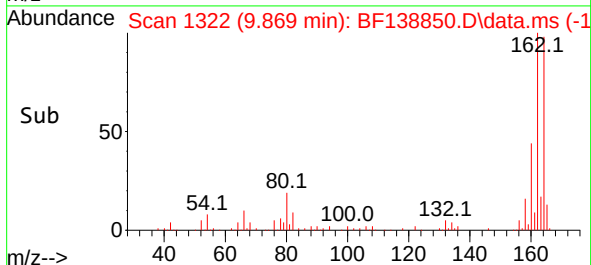
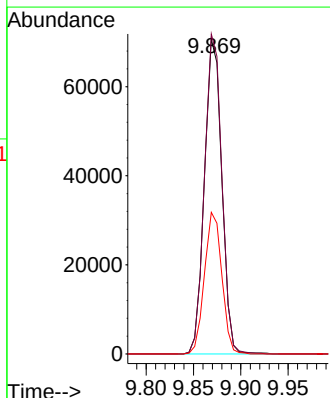
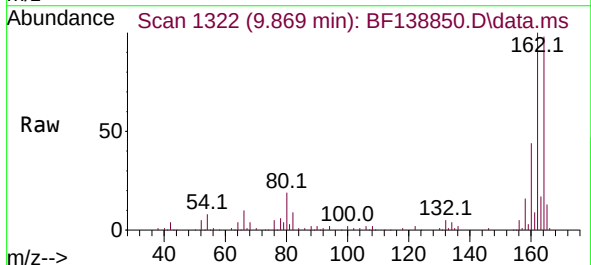
Instrument :
BNA_F
ClientSampleId :
927-K1-WP0-0-0.25-073124

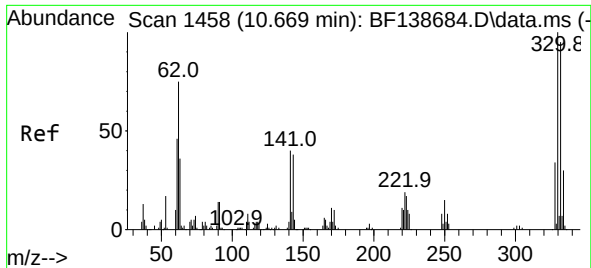
Tgt Ion: 82 Resp: 341916
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138850.D
Acq: 07 Aug 2024 19:06

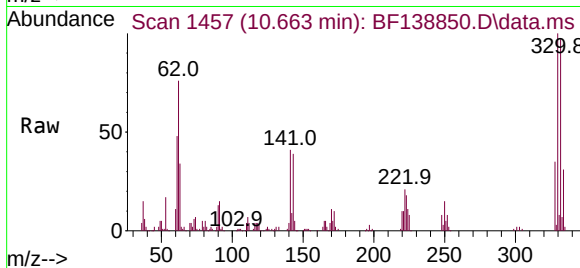
Tgt Ion: 164 Resp: 89788
Ion Ratio Lower Upper
164 100
162 101.7 79.4 119.0
160 45.0 35.1 52.7



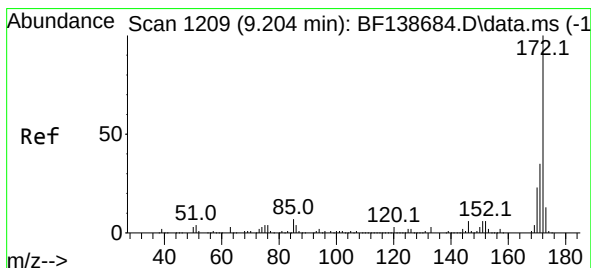
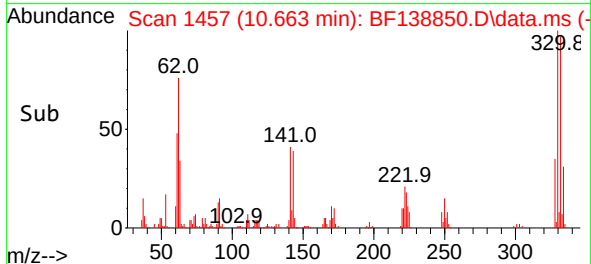
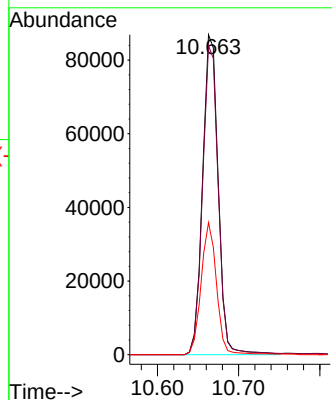


#42
2,4,6-Tribromophenol
Concen: 158.633 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138850.D
Acq: 07 Aug 2024 19:06

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

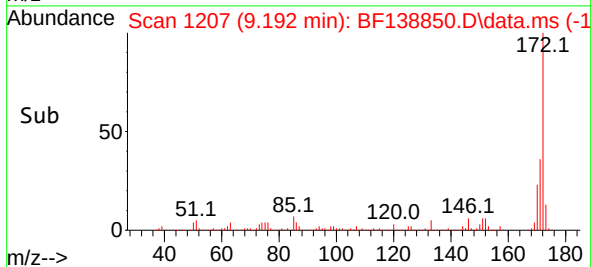
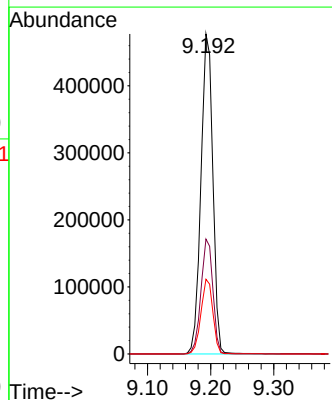
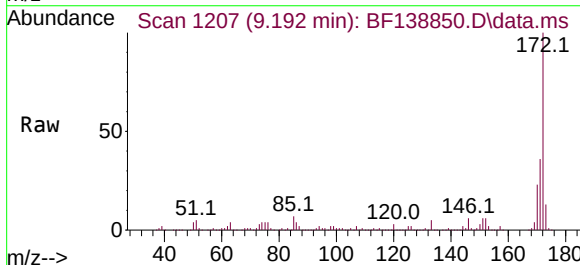


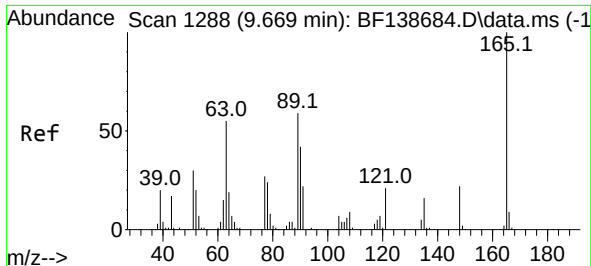
Tgt Ion: 330 Resp: 116672
Ion Ratio Lower Upper
330 100
332 96.8 76.4 114.6
141 40.6 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 104.559 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138850.D
Acq: 07 Aug 2024 19:06

Tgt Ion: 172 Resp: 624833
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.3 18.8 28.2

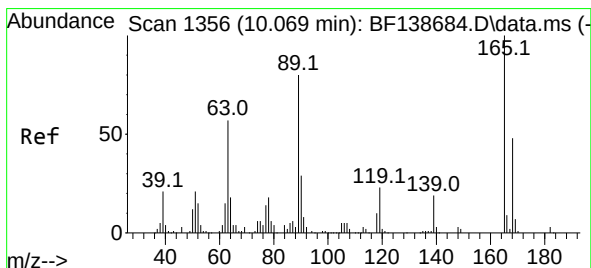
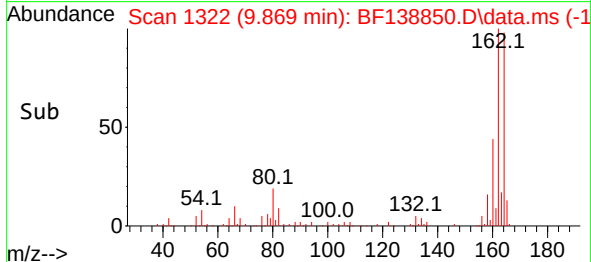
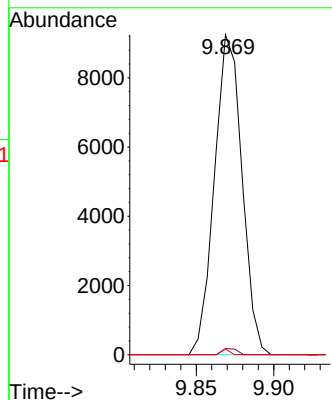
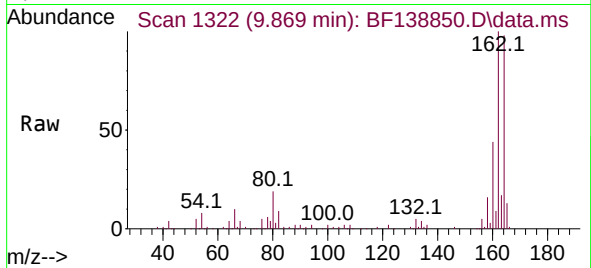




#51
2,6-Dinitrotoluene
Concen: 8.817 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138850.D
Acq: 07 Aug 2024 19:06

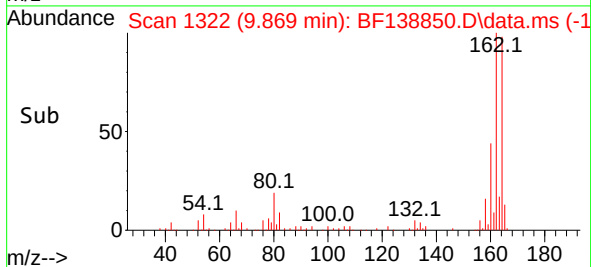
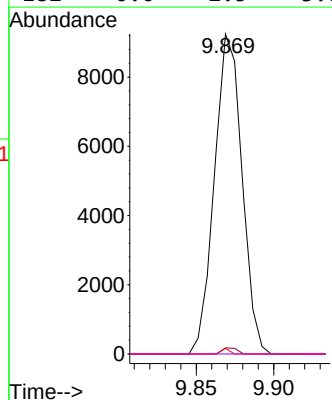
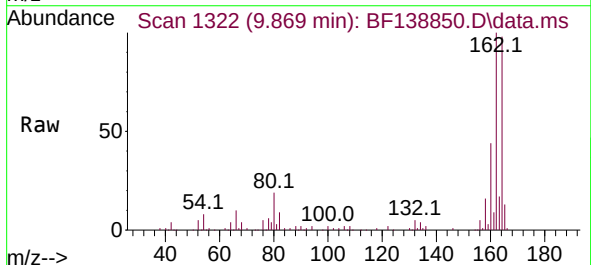
Instrument :
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927-K1-WP0-0-0.25-073124

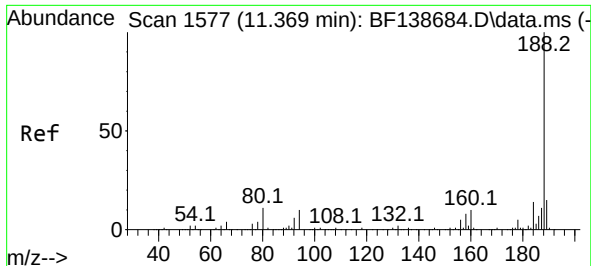
Tgt Ion:165 Resp: 11424
Ion Ratio Lower Upper
165 100
63 1.9 52.0 78.0#
89 1.8 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.911 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138850.D
Acq: 07 Aug 2024 19:06

Tgt Ion:165 Resp: 11424
Ion Ratio Lower Upper
165 100
63 1.9 46.3 69.5#
89 1.8 64.2 96.4#
182 0.0 2.5 3.7#

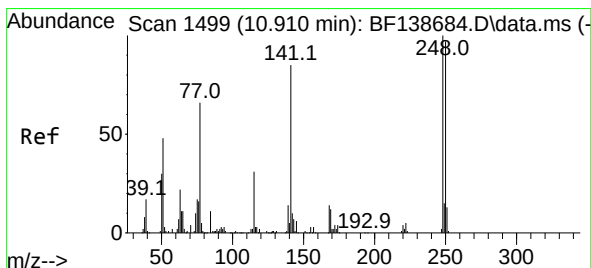
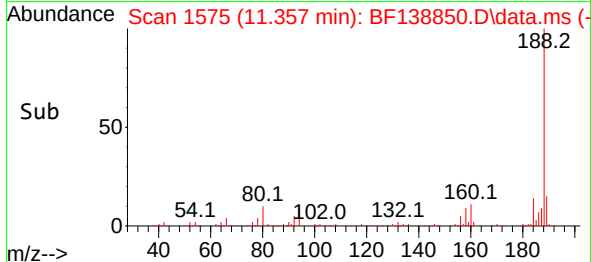
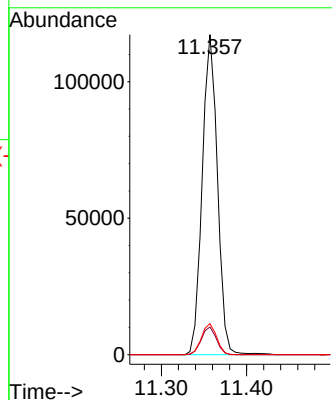
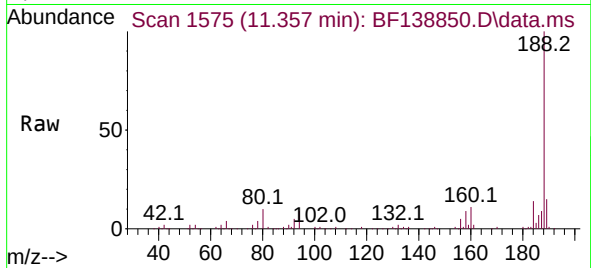




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138850.D
Acq: 07 Aug 2024 19:06

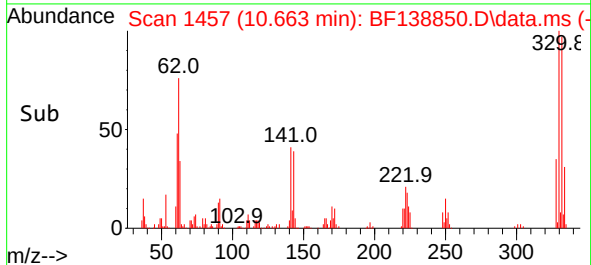
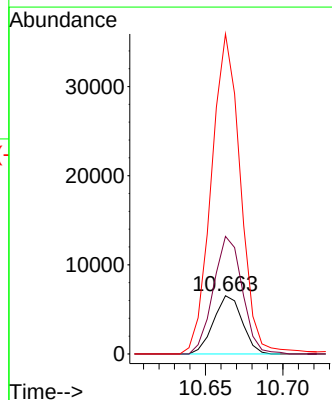
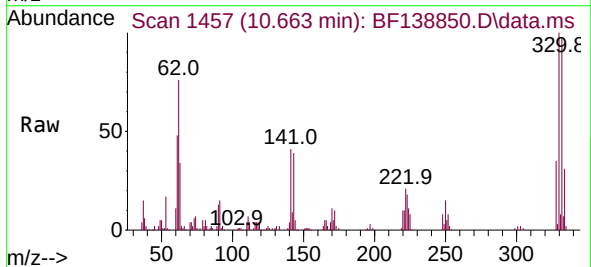
Instrument :
BNA_F
ClientSampleId :
927-K1-WP0-0-0.25-073124

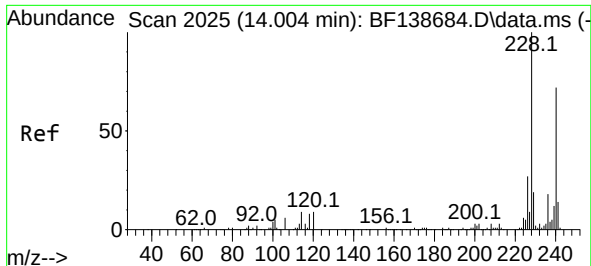
Tgt Ion:188 Resp: 145303
Ion Ratio Lower Upper
188 100
94 8.6 7.6 11.4
80 9.7 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 5.336 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.247 min
Lab File: BF138850.D
Acq: 07 Aug 2024 19:06

Tgt Ion:248 Resp: 8394
Ion Ratio Lower Upper
248 100
250 201.9 77.7 116.5#
141 549.0 68.0 102.0#

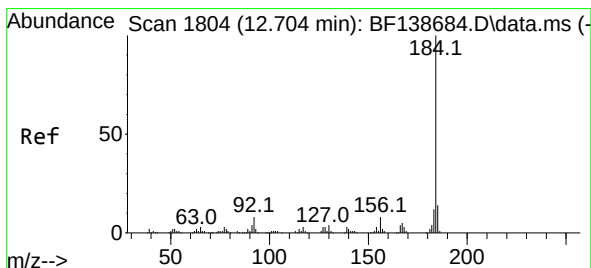
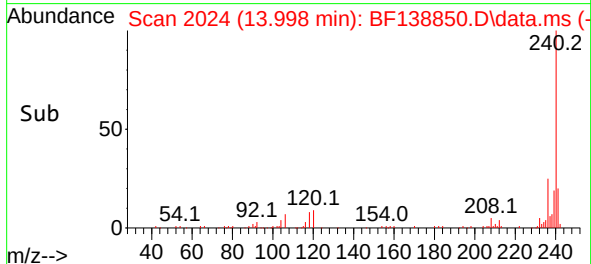
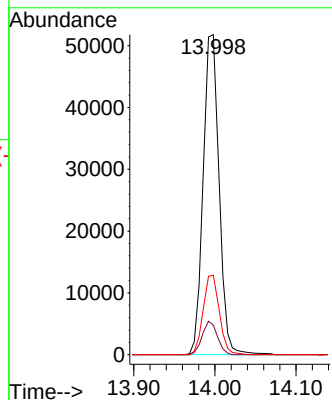
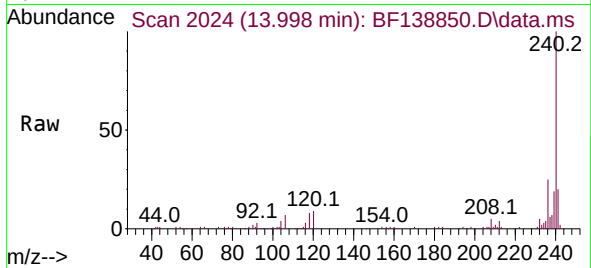




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF138850.D
Acq: 07 Aug 2024 19:06

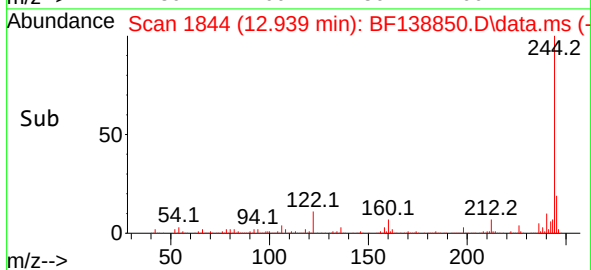
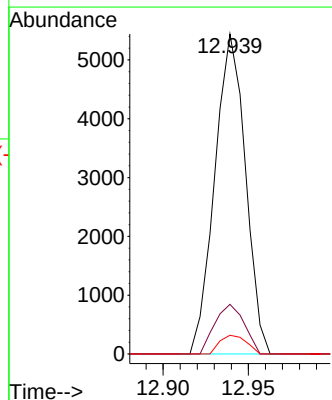
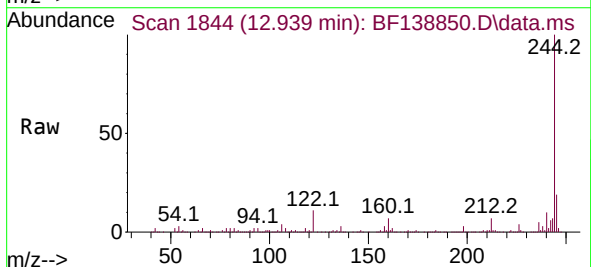
Instrument :
BNA_F
ClientSampleId :
927-K1-WP0-0-0.25-073124

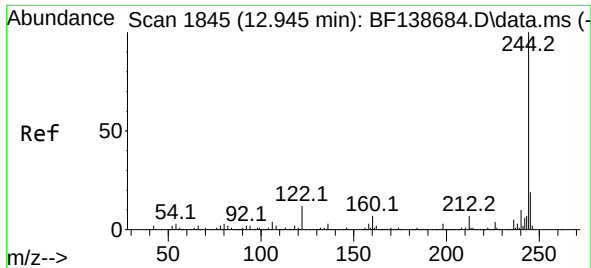
Tgt Ion:240 Resp: 70698
Ion Ratio Lower Upper
240 100
120 9.3 10.2 15.4#
236 24.8 19.8 29.8



#77
Benzidine
Concen: 4.026 ng
RT: 12.939 min Scan# 1844
Delta R.T. 0.235 min
Lab File: BF138850.D
Acq: 07 Aug 2024 19:06

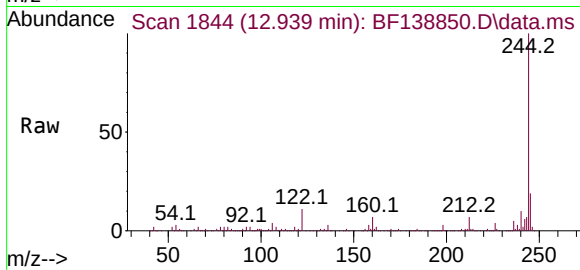
Tgt Ion:184 Resp: 6808
Ion Ratio Lower Upper
184 100
185 15.5 11.1 16.7
183 5.8 9.6 14.4#



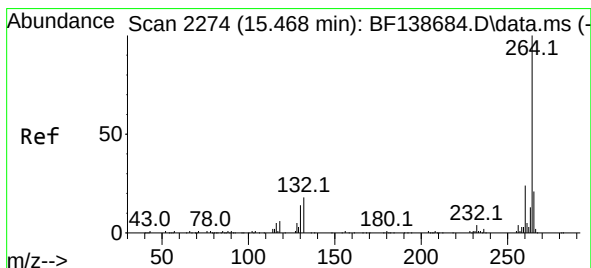
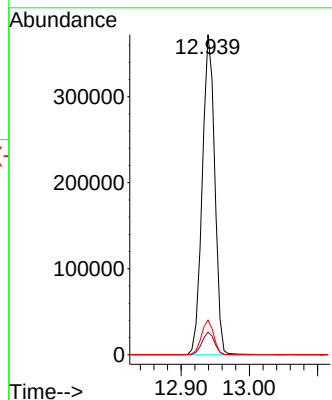
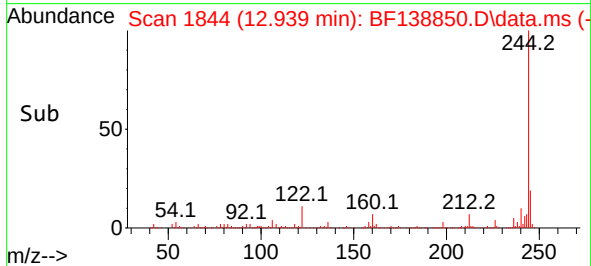


#79
 Terphenyl-d14
 Concen: 112.114 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138850.D
 Acq: 07 Aug 2024 19:06

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



Tgt Ion:244 Resp: 473416
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 10.8 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: BF138850.D
 Acq: 07 Aug 2024 19:06

Tgt Ion:264 Resp: 76602
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 20.3 17.0 25.6

