

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130847.D
 Acq On : 29 Oct 2022 03:27
 Operator : CG\JU
 Sample : N5292-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 251032-4

Quant Time: Oct 29 05:49:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 05:41:34 2022
 Response via : Initial Calibration

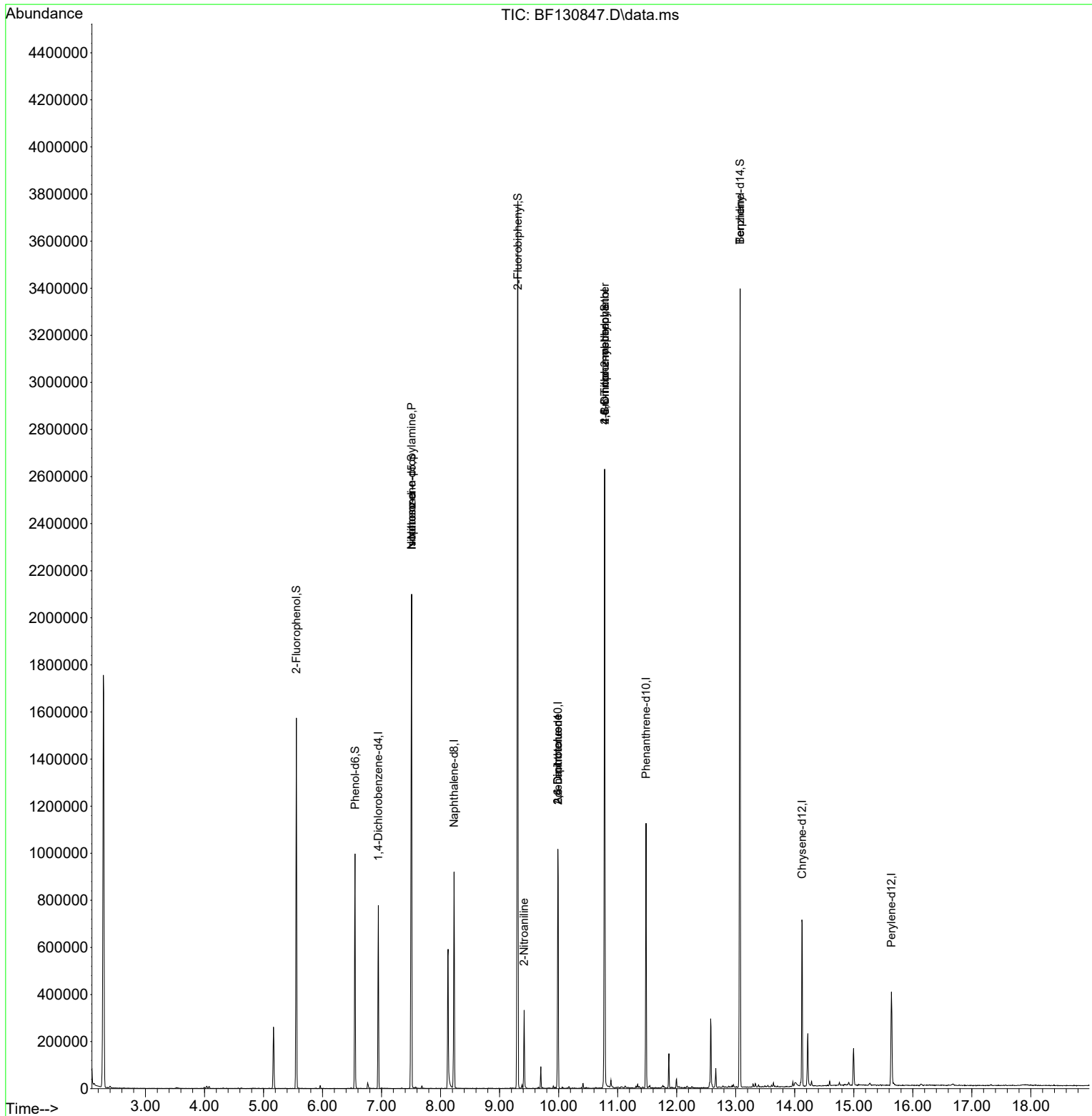
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	98327	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	376956	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	209391	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	372634	20.000	ng	0.00
76) Chrysene-d12	14.127	240	247382	20.000	ng	0.00
86) Perylene-d12	15.639	264	177537	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	347808	61.322	ng	0.00
7) Phenol-d6	6.551	99	269763	36.600	ng	-0.01
23) Nitrobenzene-d5	7.510	82	688935	110.204	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	269759	153.042	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1247761	90.093	ng	0.00
79) Terphenyl-d14	13.074	244	1123054	83.189	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.510	70	95723	19.088	ng	# 79
25) Isophorone	7.510	82	688927	53.441	ng	# 66
48) 2-Nitroaniline	9.416	65	3472	4.972	ng	# 21
51) 2,6-Dinitrotoluene	9.986	165	27802	12.367	ng	# 14
57) 2,4-Dinitrotoluene	9.986	165	27802	11.175	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.780	198	996	8.462	ng	# 1
67) 4-Bromophenyl-phenylether	10.780	248	17476	4.663	ng	# 1
77) Benzidine	13.074	184	17937	2.987	ng	# 93

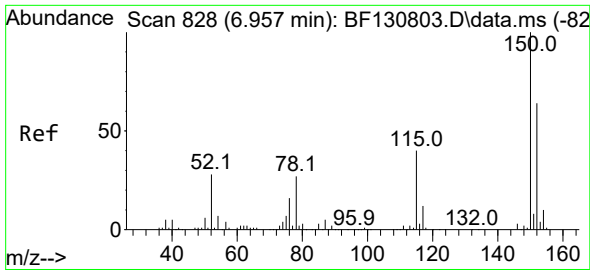
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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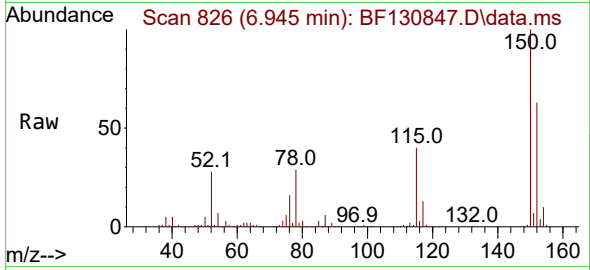
Quant Time: Oct 29 05:49:02 2022
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 QLast Update : Sat Oct 29 05:41:34 2022
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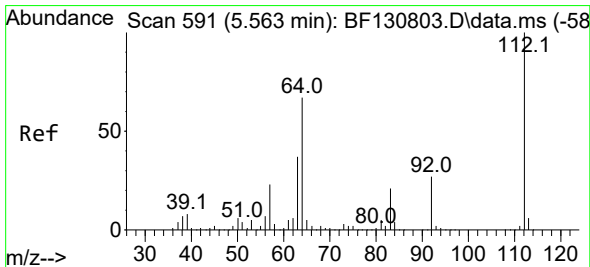
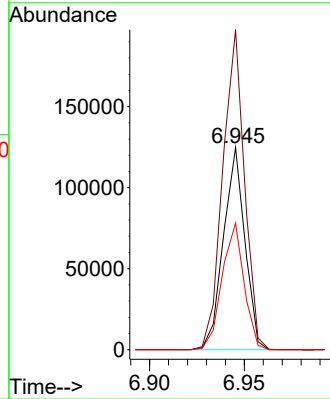
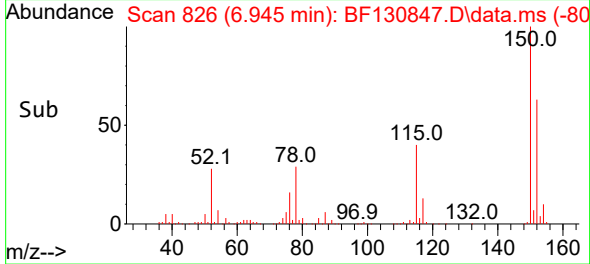


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.945 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF130847.D
 Acq: 29 Oct 2022 03:27

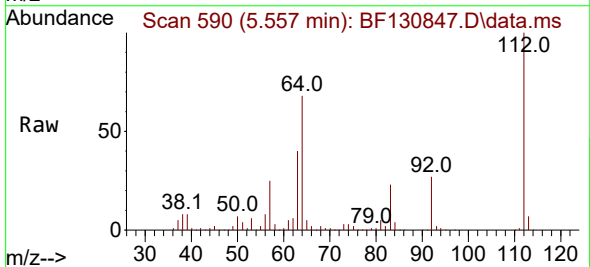
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 ClientSampleId :
 251032-4



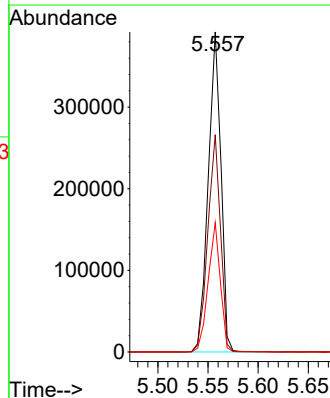
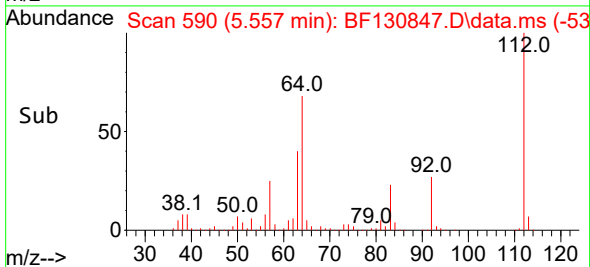
Tgt Ion:152 Resp: 98327
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.1 186.1
 115 62.6 50.1 75.1

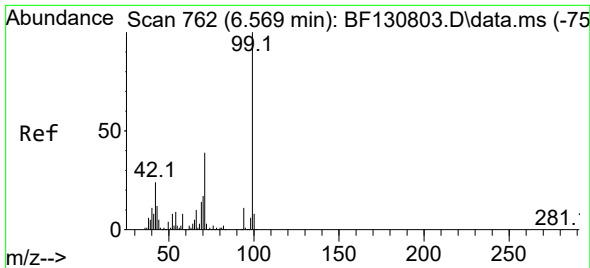


#5
 2-Fluorophenol
 Concen: 61.322 ng
 RT: 5.557 min Scan# 590
 Delta R.T. -0.000 min
 Lab File: BF130847.D
 Acq: 29 Oct 2022 03:27



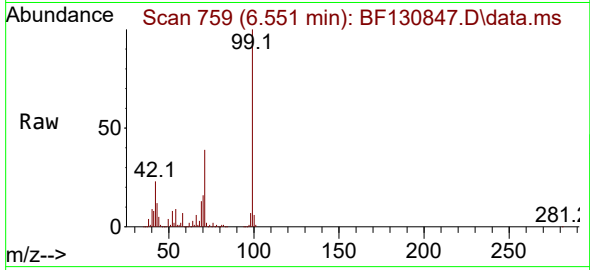
Tgt Ion:112 Resp: 347808
 Ion Ratio Lower Upper
 112 100
 64 67.9 53.9 80.9
 63 40.4 29.4 44.2



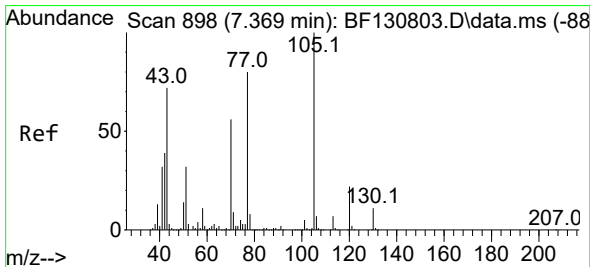
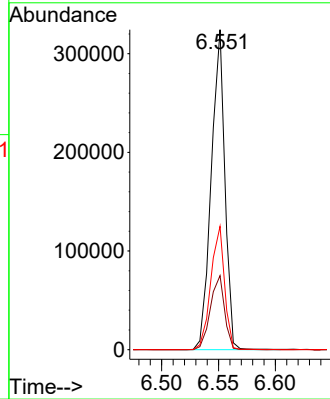
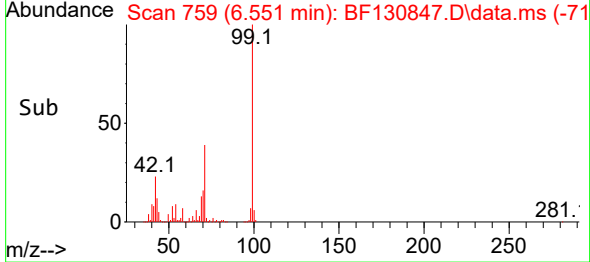


#7
Phenol-d6
Concen: 36.600 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130847.D
Acq: 29 Oct 2022 03:27

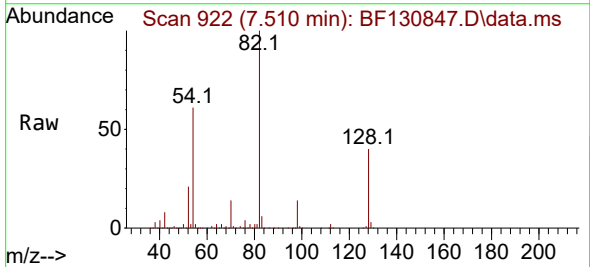
Instrument :
BNA_F
ClientSampleId :
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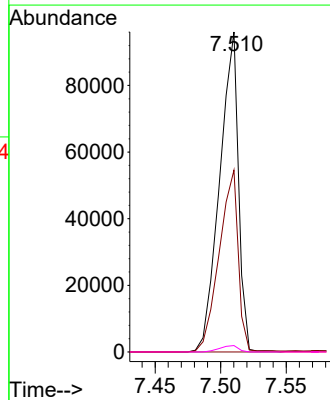
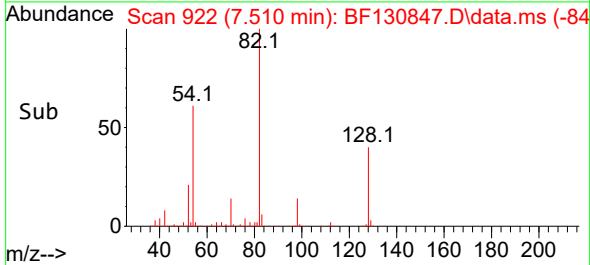
Tgt Ion: 99 Resp: 269763
Ion Ratio Lower Upper
99 100
42 23.2 18.8 28.2
71 38.6 31.4 47.0

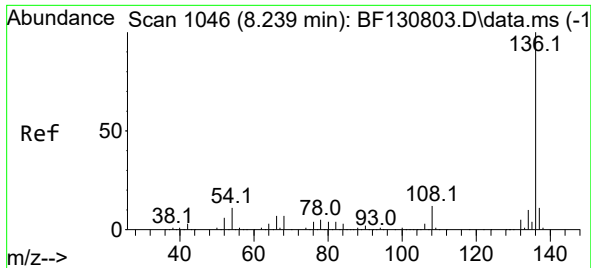


#19
n-Nitroso-di-n-propylamine
Concen: 19.088 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF130847.D
Acq: 29 Oct 2022 03:27



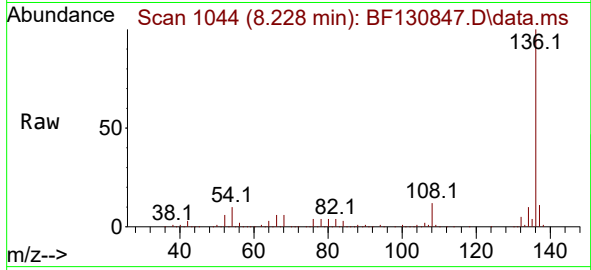
Tgt Ion: 70 Resp: 95723
Ion Ratio Lower Upper
70 100
42 56.8 56.1 84.1
101 0.0 7.3 10.9#
130 2.0 15.2 22.8#



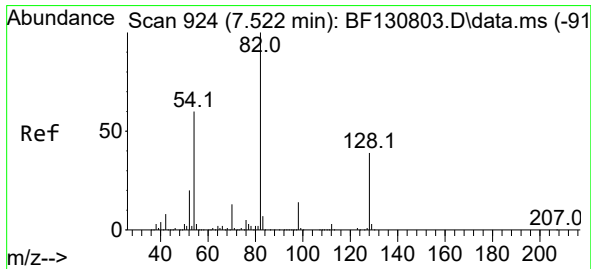
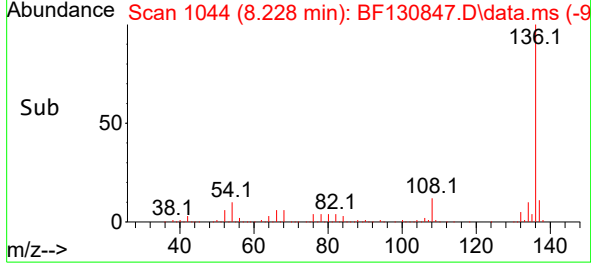
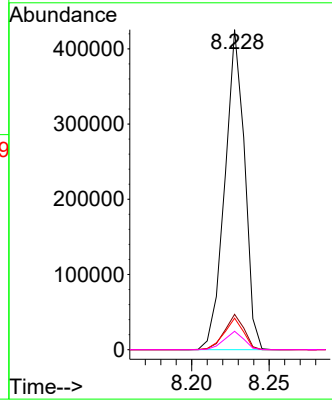


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.228 min Scan# 1044
 Delta R.T. -0.006 min
 Lab File: BF130847.D
 Acq: 29 Oct 2022 03:27

Instrument : BNA_F
 ClientSampleId : 251032-4

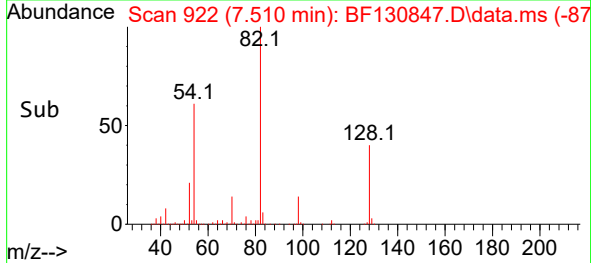
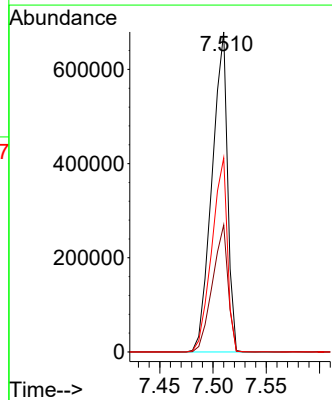
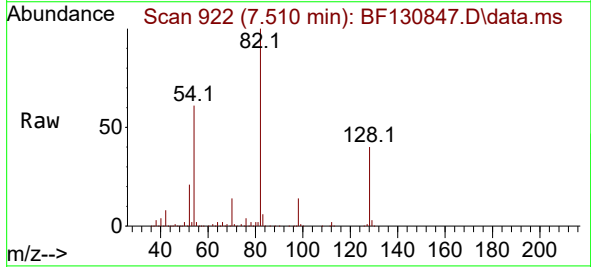


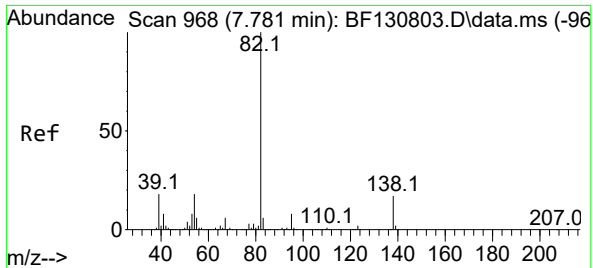
Tgt Ion:136 Resp: 376956
 Ion Ratio Lower Upper
 136 100
 137 11.1 9.2 13.8
 54 9.9 8.8 13.2
 68 5.8 5.2 7.8



#23
 Nitrobenzene-d5
 Concen: 110.204 ng
 RT: 7.510 min Scan# 922
 Delta R.T. -0.006 min
 Lab File: BF130847.D
 Acq: 29 Oct 2022 03:27

Tgt Ion: 82 Resp: 688935
 Ion Ratio Lower Upper
 82 100
 128 39.7 31.2 46.8
 54 60.6 48.0 72.0

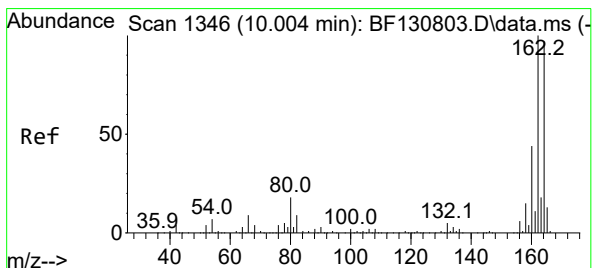
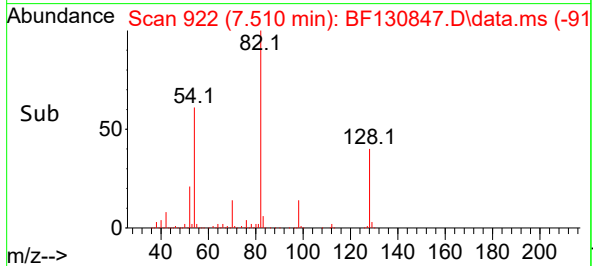
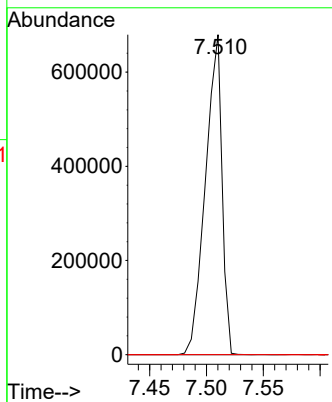
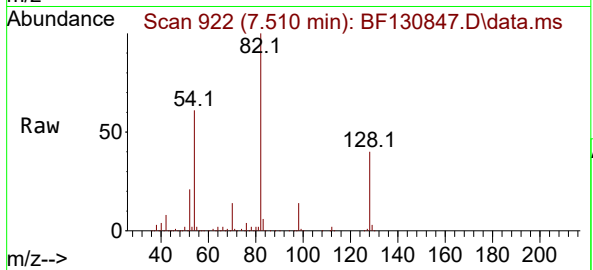




#25
 Isophorone
 Concen: 53.441 ng
 RT: 7.510 min Scan# 91
 Delta R.T. -0.259 min
 Lab File: BF130847.D
 Acq: 29 Oct 2022 03:27

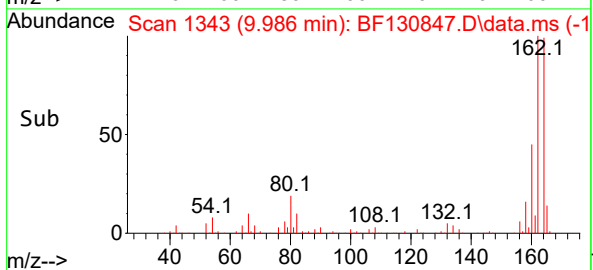
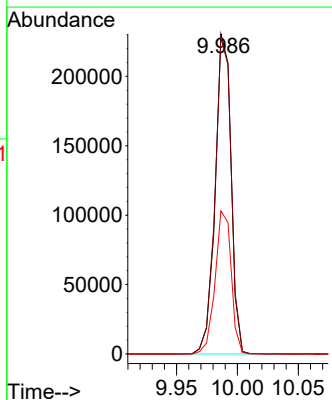
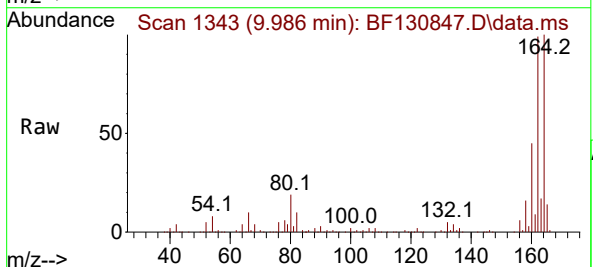
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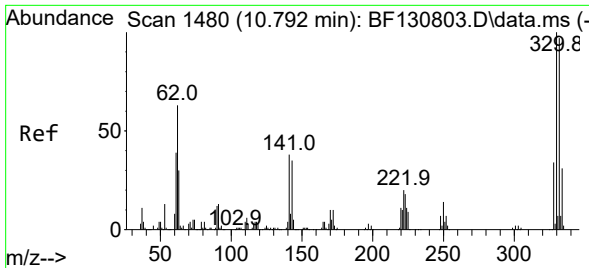
Tgt Ion: 82 Resp: 688927
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.2 9.4#
 138 0.0 13.8 20.6#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.986 min Scan# 1343
 Delta R.T. -0.012 min
 Lab File: BF130847.D
 Acq: 29 Oct 2022 03:27

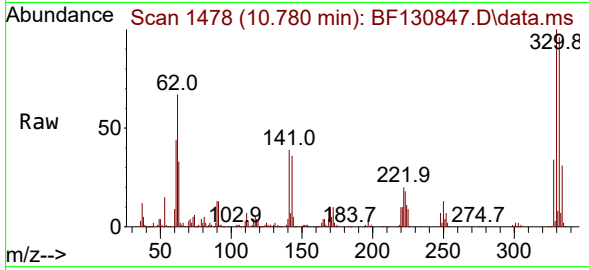
Tgt Ion: 164 Resp: 209391
 Ion Ratio Lower Upper
 164 100
 162 98.9 82.2 123.2
 160 44.7 36.6 54.8



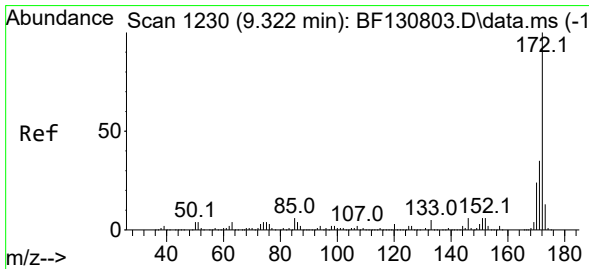
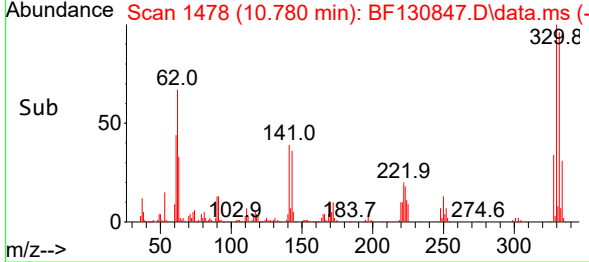
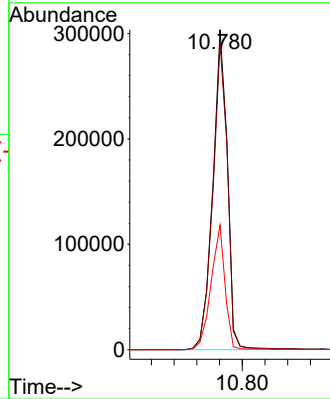


#42
 2,4,6-Tribromophenol
 Concen: 153.042 ng
 RT: 10.780 min Scan# 14
 Delta R.T. -0.006 min
 Lab File: BF130847.D
 Acq: 29 Oct 2022 03:27

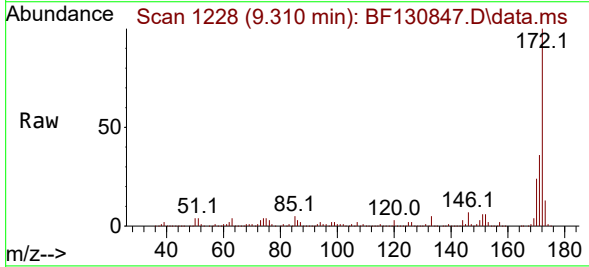
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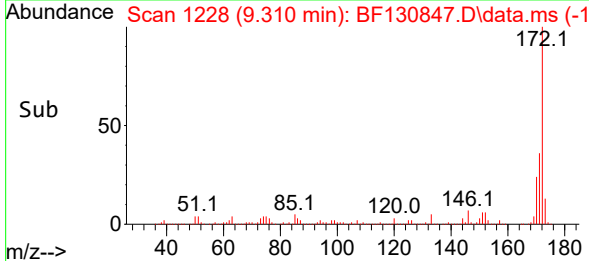
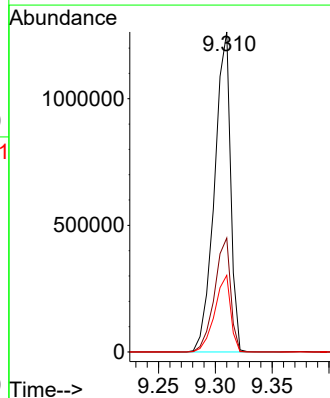
Tgt Ion:330 Resp: 269759
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.2 114.4
 141 37.8 31.4 47.0

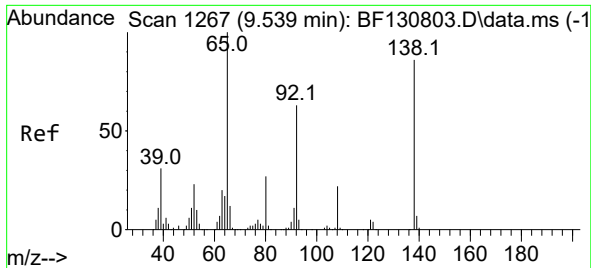


#45
 2-Fluorobiphenyl
 Concen: 90.093 ng
 RT: 9.310 min Scan# 1228
 Delta R.T. -0.000 min
 Lab File: BF130847.D
 Acq: 29 Oct 2022 03:27



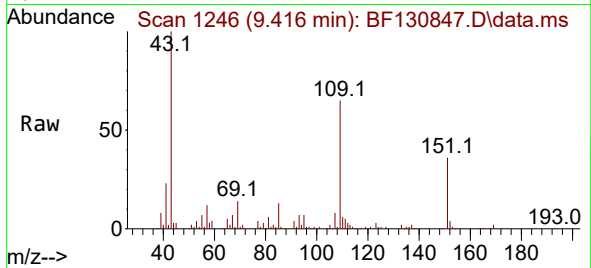
Tgt Ion:172 Resp: 1247761
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.1 42.1
 170 24.0 19.0 28.4



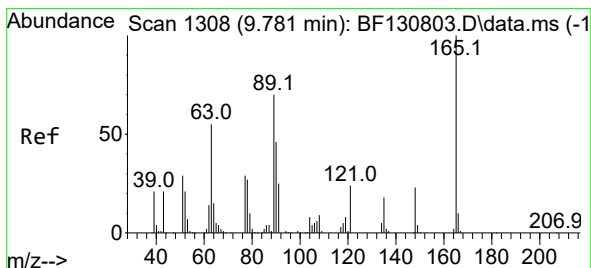
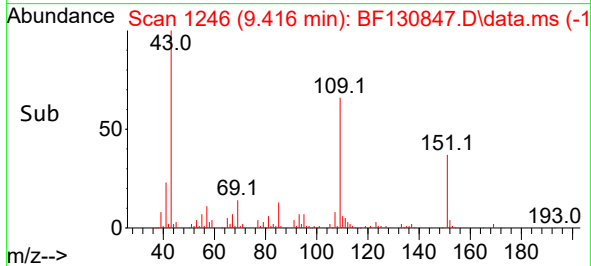
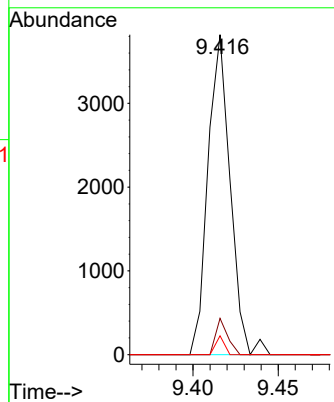


#48
 2-Nitroaniline
 Concen: 4.972 ng
 RT: 9.416 min Scan# 11
 Delta R.T. -0.118 min
 Lab File: BF130847.D
 Acq: 29 Oct 2022 03:27

Instrument :
 BNA_F
 ClientSampleId :
 251032-4

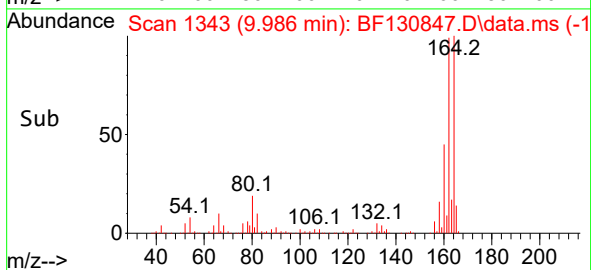
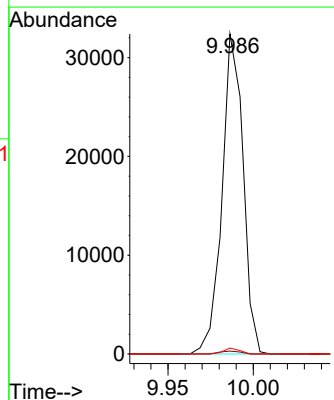
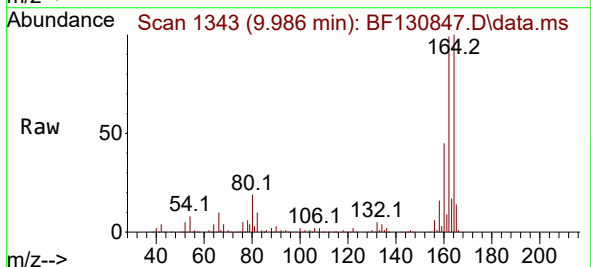


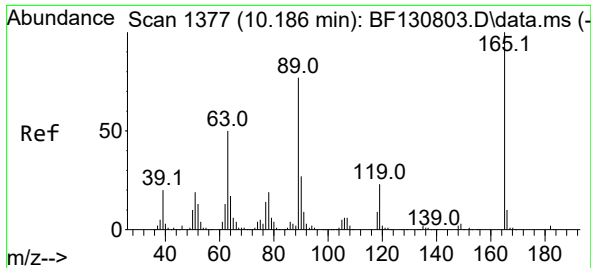
Tgt Ion: 65 Resp: 3472
 Ion Ratio Lower Upper
 65 100
 92 11.3 50.1 75.1#
 138 5.9 69.2 103.8#



#51
 2,6-Dinitrotoluene
 Concen: 12.367 ng
 RT: 9.986 min Scan# 1343
 Delta R.T. 0.212 min
 Lab File: BF130847.D
 Acq: 29 Oct 2022 03:27

Tgt Ion: 165 Resp: 27802
 Ion Ratio Lower Upper
 165 100
 63 0.9 61.8 92.8#
 89 1.8 56.2 84.4#

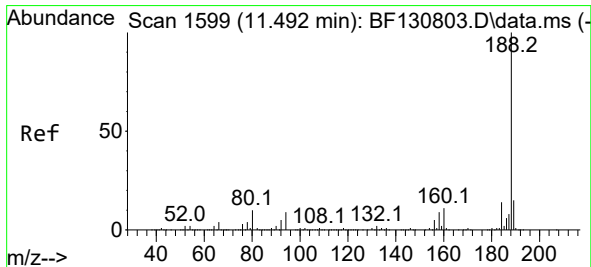
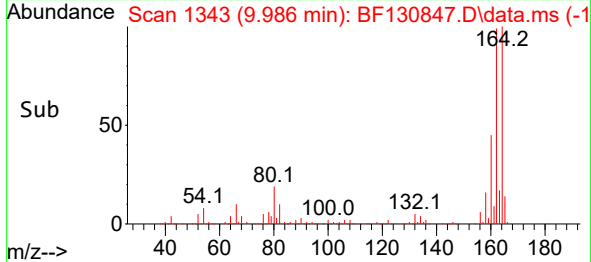
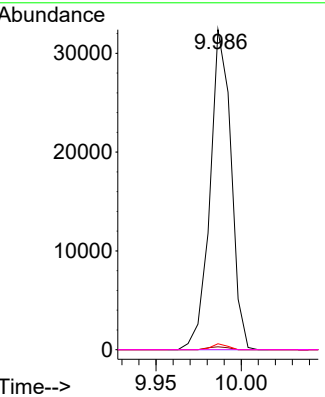
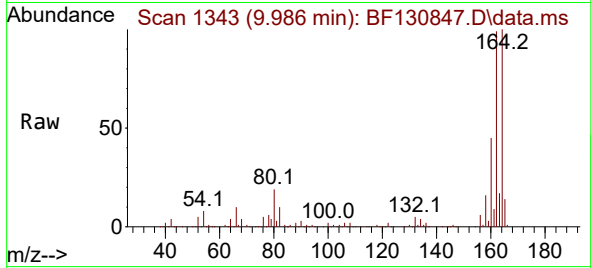




#57
 2,4-Dinitrotoluene
 Concen: 11.175 ng
 RT: 9.986 min Scan# 11
 Delta R.T. -0.194 min
 Lab File: BF130847.D
 Acq: 29 Oct 2022 03:27

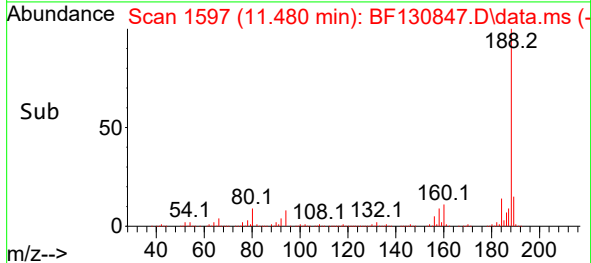
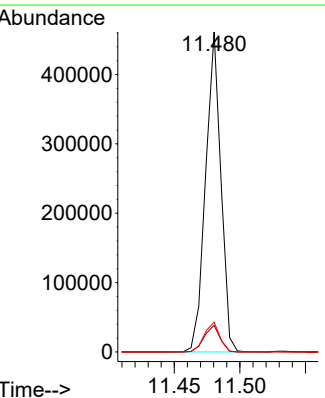
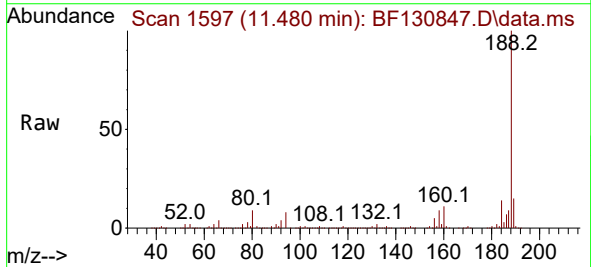
Instrument :
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 ClientSampleId :
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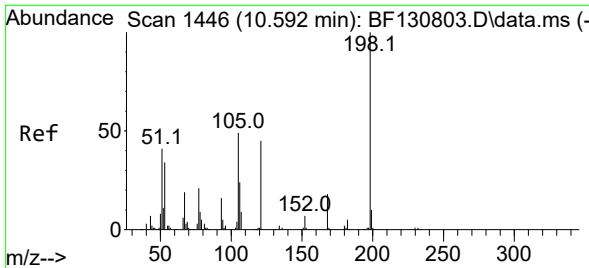
Tgt Ion	Resp	Lower	Upper
165	100		
63	0.9	39.8	59.6#
89	1.8	61.9	92.9#
182	0.0	1.9	2.9#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.480 min Scan# 1597
 Delta R.T. -0.006 min
 Lab File: BF130847.D
 Acq: 29 Oct 2022 03:27

Tgt Ion	Resp	Lower	Upper
188	100		
94	8.3	7.4	11.2
80	9.3	8.0	12.0

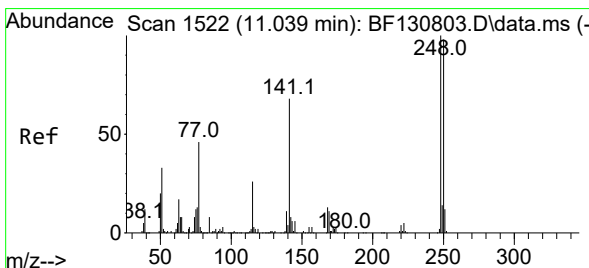
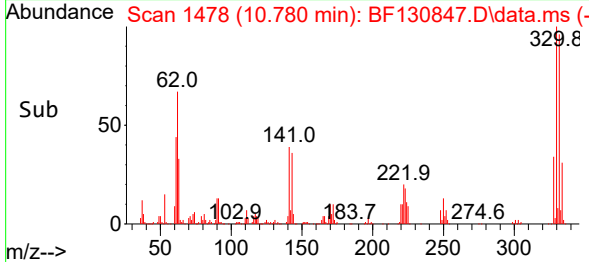
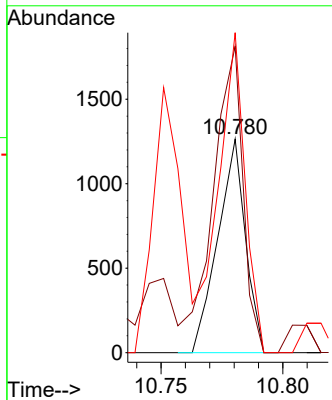
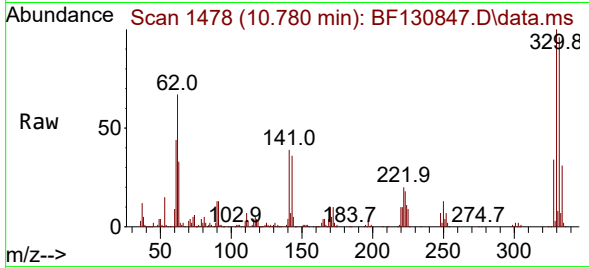




#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.462 ng
 RT: 10.780 min Scan# 1478
 Delta R.T. 0.194 min
 Lab File: BF130847.D
 Acq: 29 Oct 2022 03:27

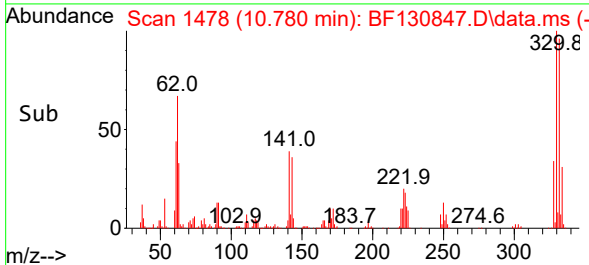
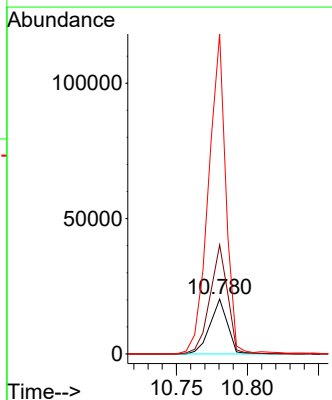
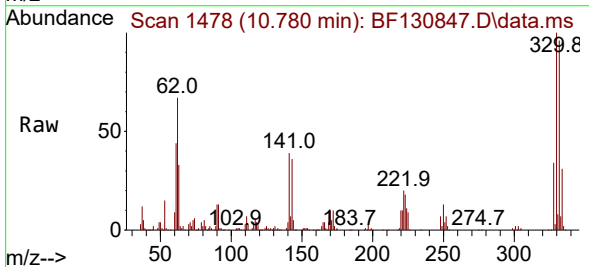
Instrument : BNA_F
 ClientSampleId : 251032-4

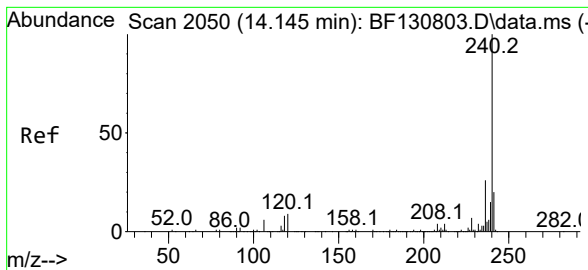
Tgt Ion	Resp	Lower	Upper
198	100		
51	143.5	39.0	79.0#
105	149.8	30.6	70.6#



#67
 4-Bromophenyl-phenylether
 Concen: 4.663 ng
 RT: 10.780 min Scan# 1478
 Delta R.T. -0.247 min
 Lab File: BF130847.D
 Acq: 29 Oct 2022 03:27

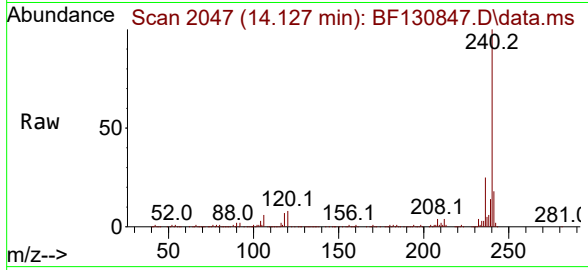
Tgt Ion	Resp	Lower	Upper
248	100		
250	199.0	78.6	117.8#
141	583.7	54.2	81.4#



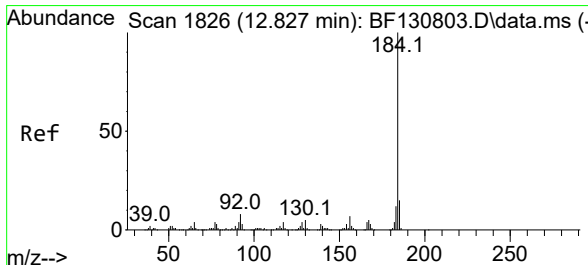
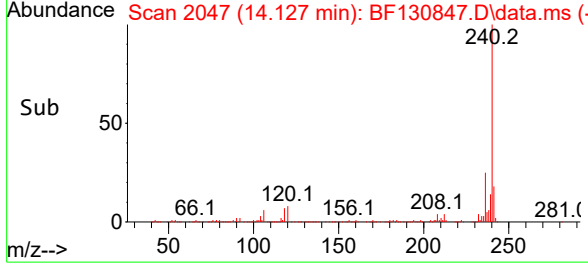
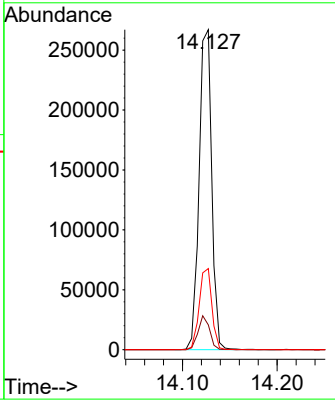


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.127 min Scan# 2050
 Delta R.T. -0.006 min
 Lab File: BF130847.D
 Acq: 29 Oct 2022 03:27

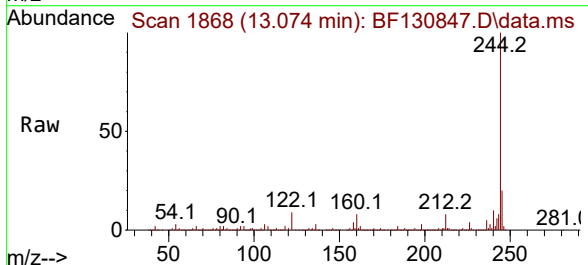
Instrument : BNA_F
 ClientSampleId : 251032-4



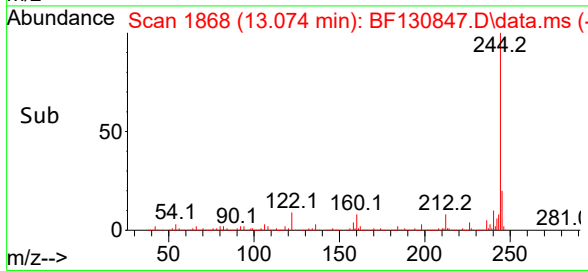
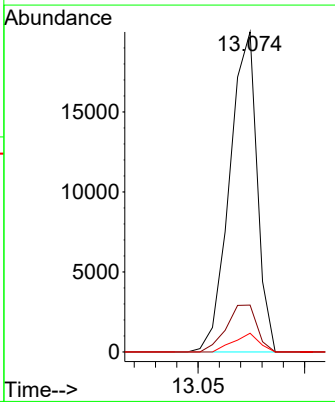
Tgt Ion:240 Resp: 247382
 Ion Ratio Lower Upper
 240 100
 120 7.8 7.0 10.4
 236 25.4 20.5 30.7

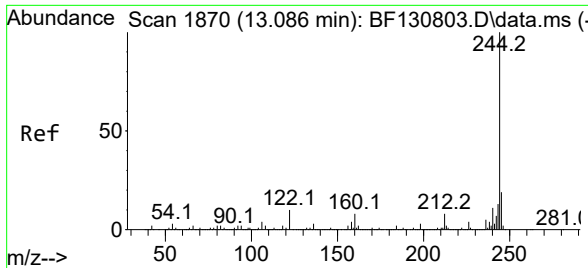


#77
 Benzidine
 Concen: 2.987 ng
 RT: 13.074 min Scan# 1868
 Delta R.T. 0.253 min
 Lab File: BF130847.D
 Acq: 29 Oct 2022 03:27



Tgt Ion:184 Resp: 17937
 Ion Ratio Lower Upper
 184 100
 185 14.6 11.8 17.8
 183 5.9 9.7 14.5#



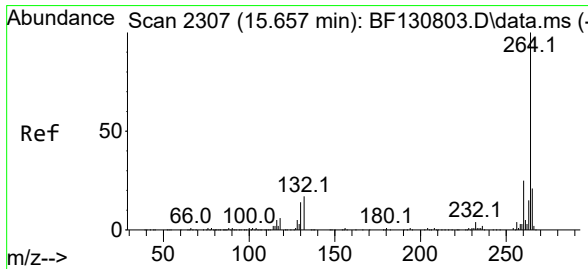
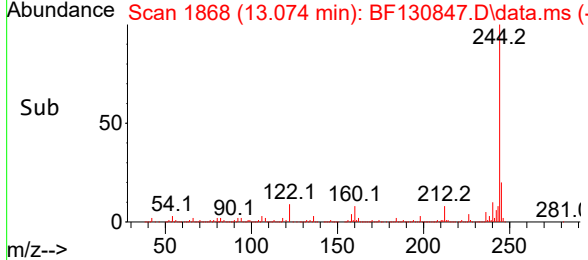
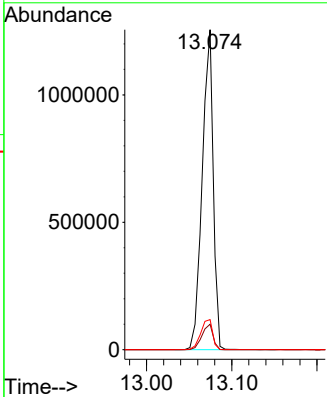
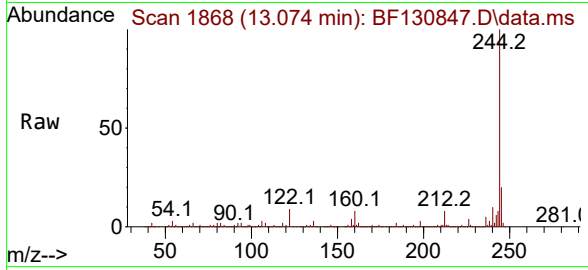


#79
 Terphenyl-d14
 Concen: 83.189 ng
 RT: 13.074 min Scan# 1111
 Delta R.T. -0.000 min
 Lab File: BF130847.D
 Acq: 29 Oct 2022 03:27

Instrument : BNA_F
 ClientSampleId : 251032-4

Tgt Ion:244 Resp: 1123054

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	9.4	7.9	11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2304
 Delta R.T. -0.006 min
 Lab File: BF130847.D
 Acq: 29 Oct 2022 03:27

Tgt Ion:264 Resp: 177537

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.9	29.9
265	22.1	17.0	25.6

