

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101220\
 Data File : BF121930.D
 Acq On : 12 Oct 2020 21:20
 Operator : JU/CG
 Sample : L4340-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-2332-MH12

Quant Time: Oct 13 00:32:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 16:22:33 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

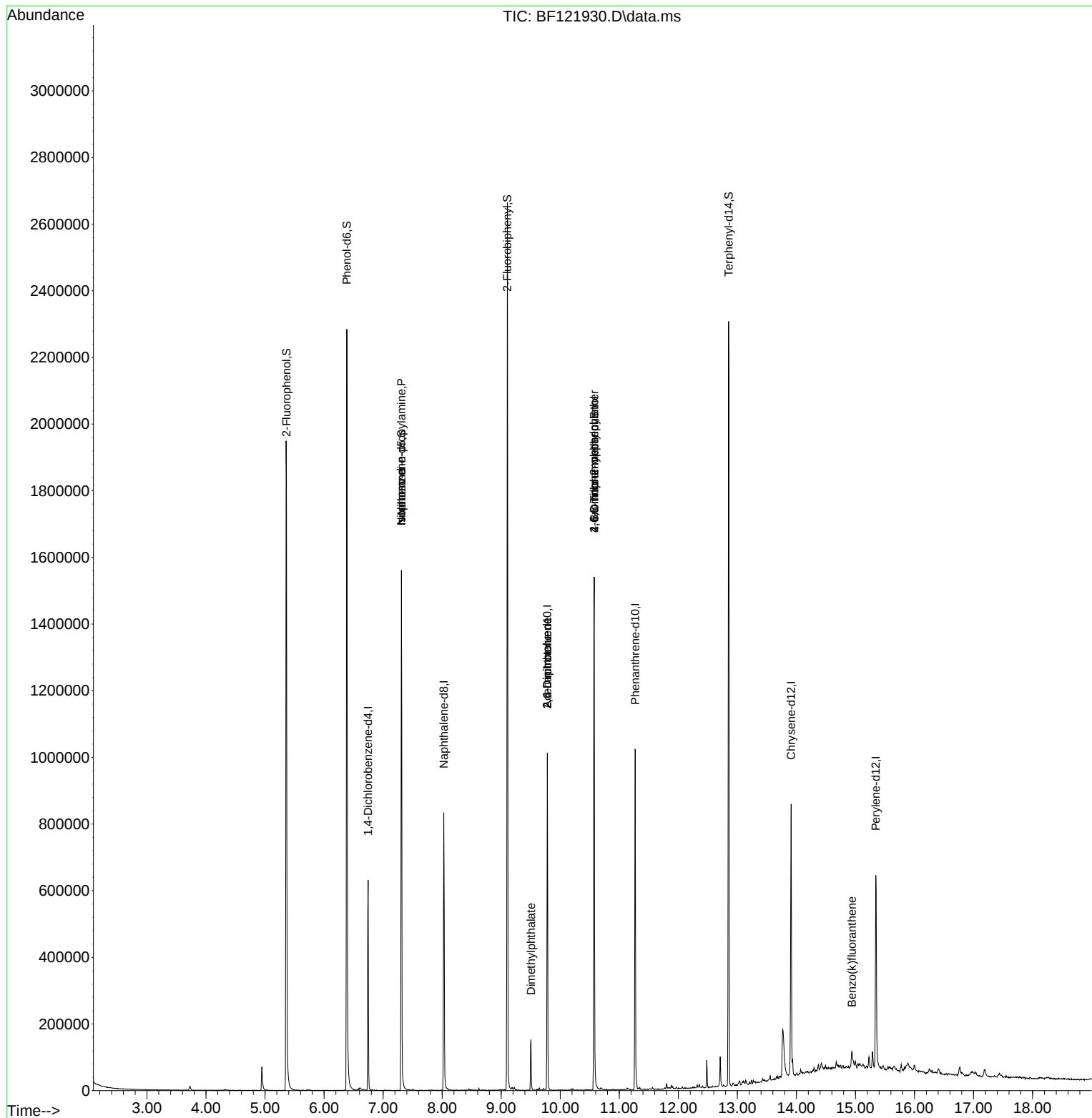
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	94188	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	372660	20.00	ng	0.00
39) Acenaphthene-d10	9.780	164	186453	20.00	ng	0.00
64) Phenanthrene-d10	11.269	188	346647	20.00	ng	0.00
76) Chrysene-d12	13.910	240	257771	20.00	ng	0.00
86) Perylene-d12	15.345	264	247658	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	577633	90.51	ng	0.00
7) Phenol-d6	6.386	99	746776	90.90	ng	-0.01
23) Nitrobenzene-d5	7.310	82	502727	69.18	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	206943	89.72	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	799643	63.10	ng	0.00
79) Terphenyl-d14	12.851	244	754692	55.80	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.386	77	1009	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.310	70	65019	13.90	ng	# 80
25) Isophorone	7.310	82	502723	36.59	ng	# 67
50) Dimethylphthalate	9.504	163	65648	4.82	ng	98
51) 2,6-Dinitrotoluene	9.780	165	23433	7.84	ng	# 21
57) 2,4-Dinitrotoluene	9.780	165	23433	6.36	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.574	198	323	4.56	ng	# 1
67) 4-Bromophenyl-phenylether	10.574	248	12024	3.00	ng	# 1
89) Benzo(k)fluoranthene	14.939	252	32203	2.03	ng	# 88

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

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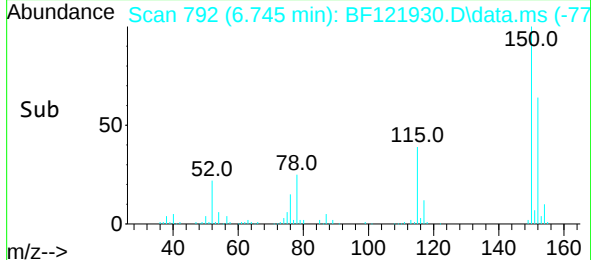
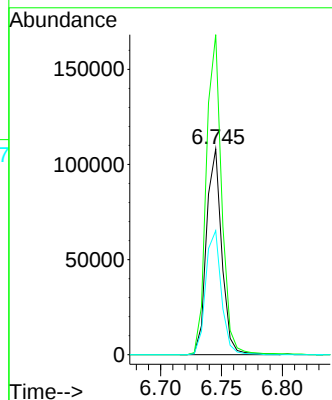
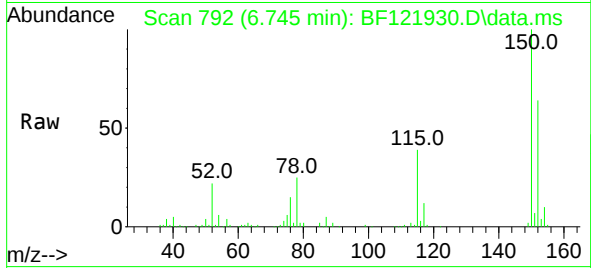




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.745 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: BF121930.D
 Acq: 12 Oct 2020 21:20

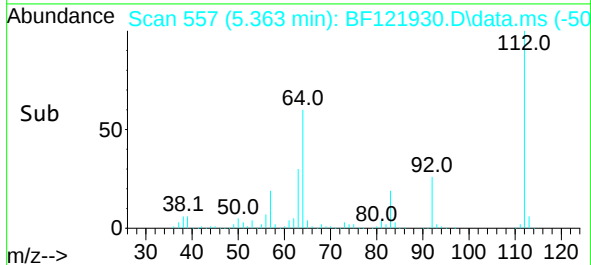
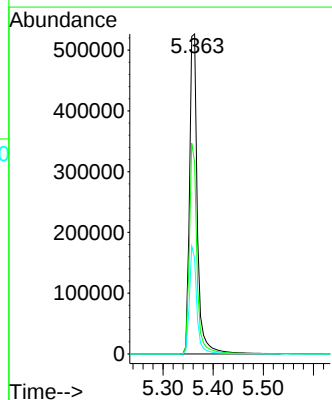
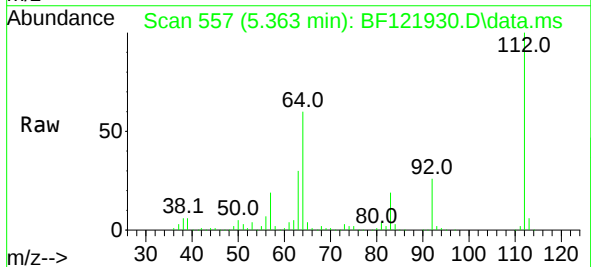
Instrument :
 BNA_F
 ClientSampleId :
 A-2332-MH12

Tgt Ion:152 Resp: 94188
 Ion Ratio Lower Upper
 152 100
 150 155.5 125.3 187.9
 115 60.2 51.9 77.9



#5
 2-Fluorophenol
 Concen: 90.51 ng
 RT: 5.363 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: BF121930.D
 Acq: 12 Oct 2020 21:20

Tgt Ion:112 Resp: 577633
 Ion Ratio Lower Upper
 112 100
 64 60.1 50.4 75.6
 63 30.0 25.8 38.6

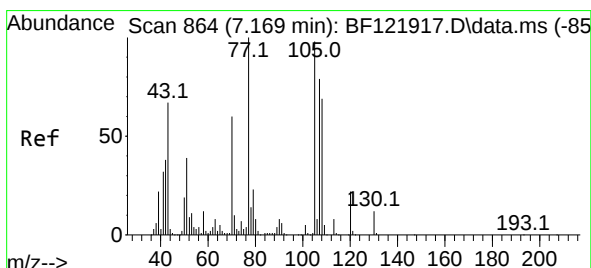
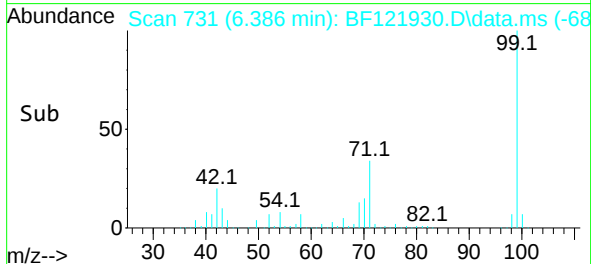
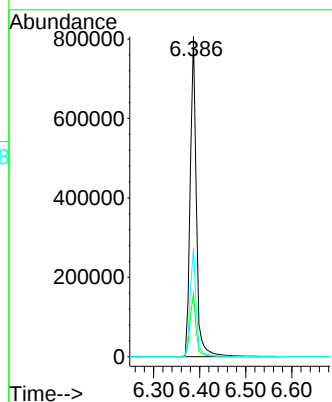
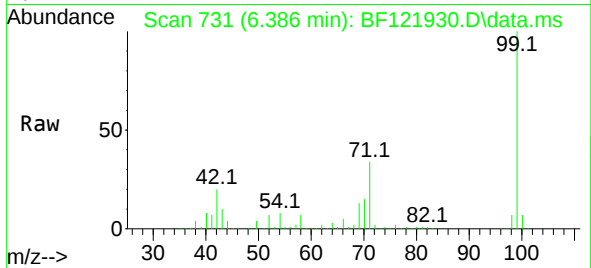




#7
Phenol-d6
Concen: 90.90 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121930.D
Acq: 12 Oct 2020 21:20

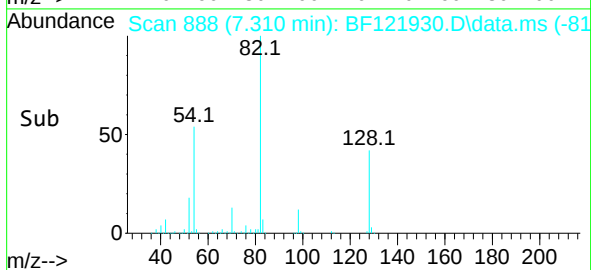
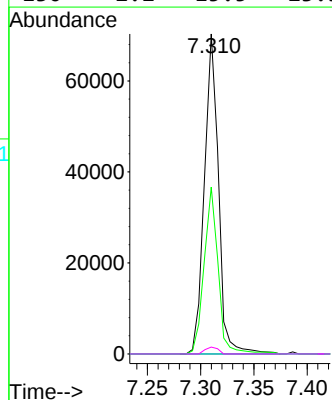
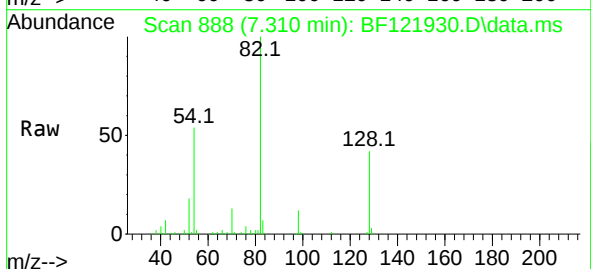
Instrument :
BNA_F
ClientSampleId :
A-2332-MH12

Tgt Ion: 99 Resp: 746776
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 34.0 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.90 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.141 min
Lab File: BF121930.D
Acq: 12 Oct 2020 21:20

Tgt Ion: 70 Resp: 65019
Ion Ratio Lower Upper
70 100
42 52.2 50.2 75.4
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#

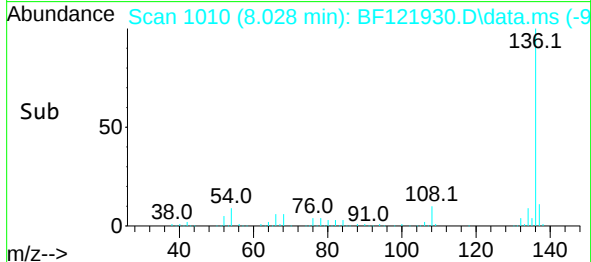
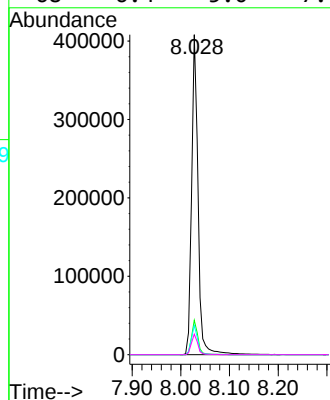
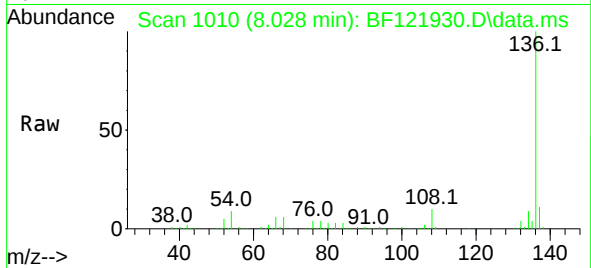




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121930.D
Acq: 12 Oct 2020 21:20

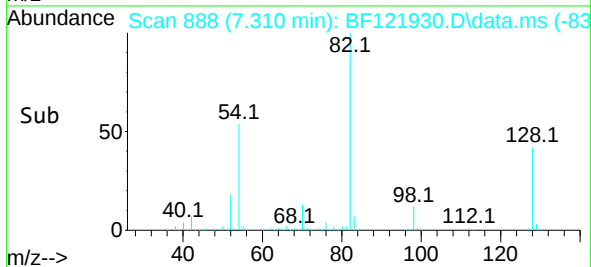
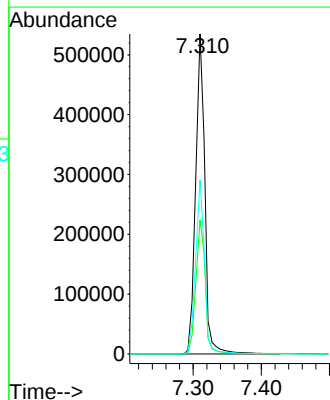
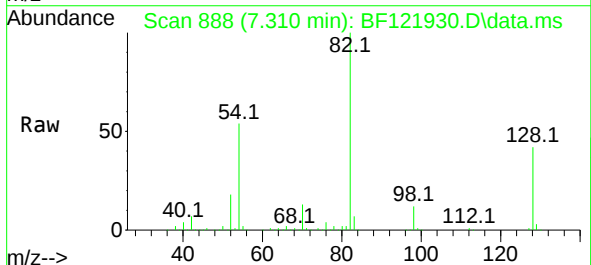
Instrument :
BNA_F
ClientSampleId :
A-2332-MH12

Tgt Ion:136 Resp: 372660
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.1 7.1 10.7
68 6.4 5.0 7.4



#23
Nitrobenzene-d5
Concen: 69.18 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121930.D
Acq: 12 Oct 2020 21:20

Tgt Ion: 82 Resp: 502727
Ion Ratio Lower Upper
82 100
128 41.9 35.0 52.4
54 54.4 43.9 65.9

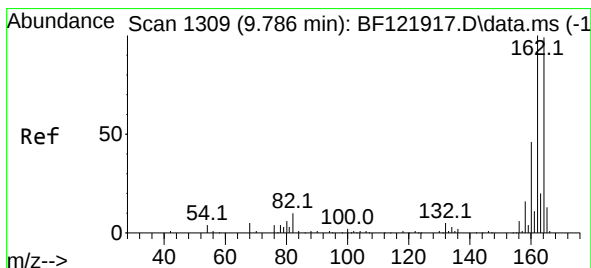
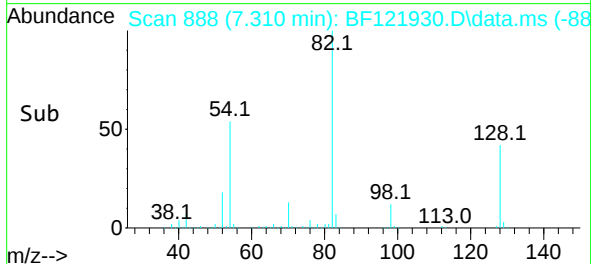
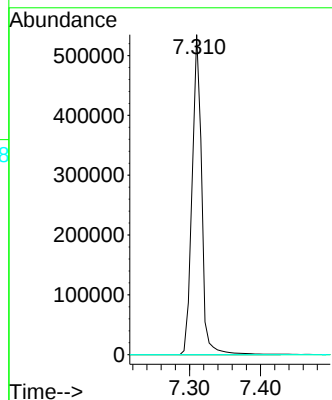
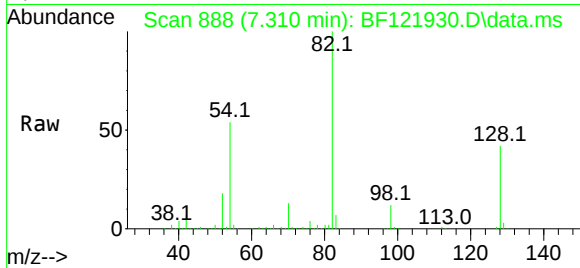




#25
Isophorone
Concen: 36.59 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.271 min
Lab File: BF121930.D
Acq: 12 Oct 2020 21:20

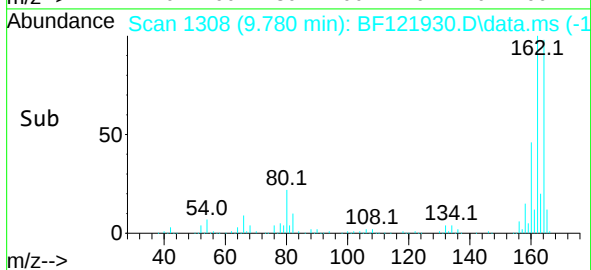
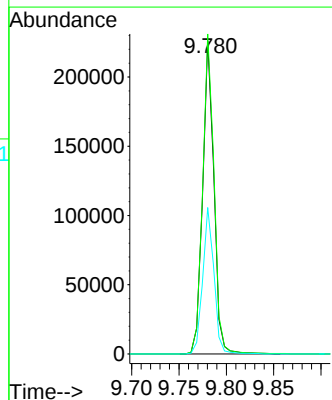
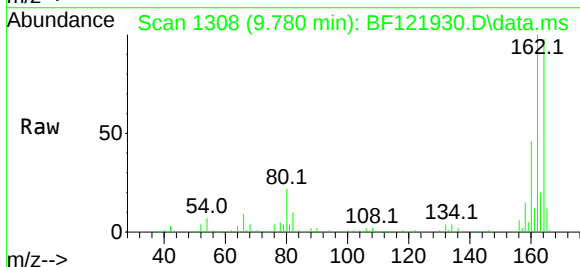
Instrument :
BNA_F
ClientSampleId :
A-2332-MH12

Tgt Ion: 82 Resp: 502723
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF121930.D
Acq: 12 Oct 2020 21:20

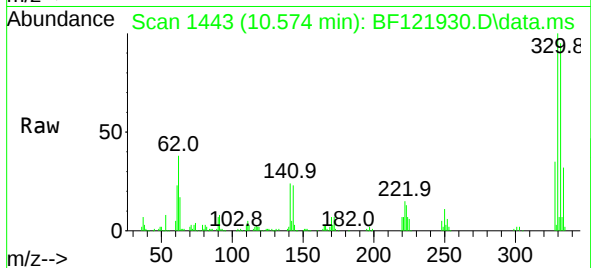
Tgt Ion: 164 Resp: 186453
Ion Ratio Lower Upper
164 100
162 102.2 83.2 124.8
160 46.8 37.5 56.3



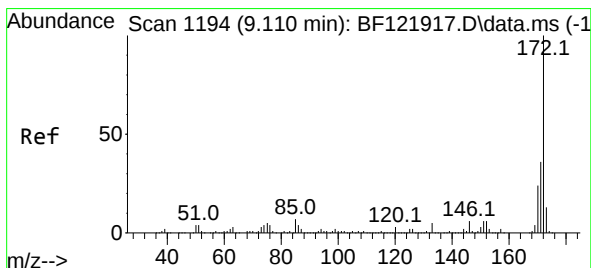
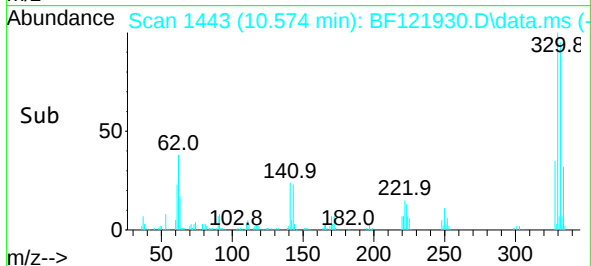
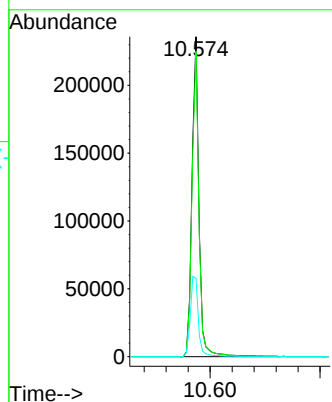


#42
2,4,6-Tribromophenol
Concen: 89.72 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF121930.D
Acq: 12 Oct 2020 21:20

Instrument :
BNA_F
ClientSampleId :
A-2332-MH12

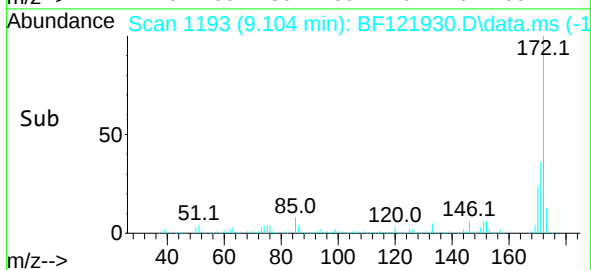
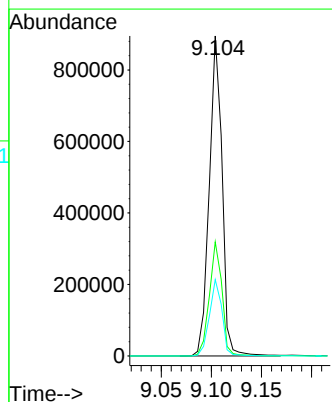
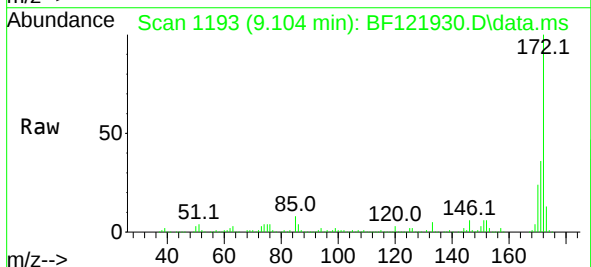


Tgt Ion:330 Resp: 206943
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 29.2 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 63.10 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF121930.D
Acq: 12 Oct 2020 21:20

Tgt Ion:172 Resp: 799643
Ion Ratio Lower Upper
172 100
171 35.6 29.1 43.7
170 23.9 19.8 29.6

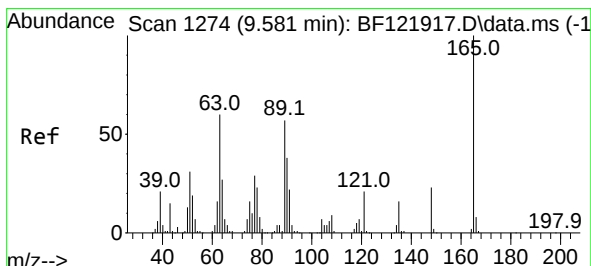
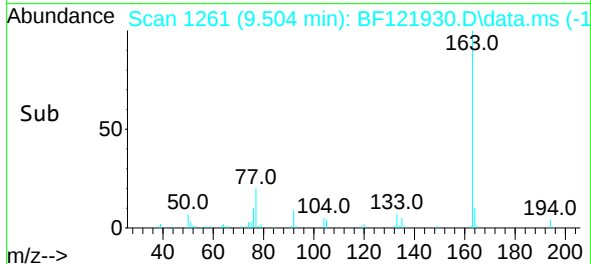
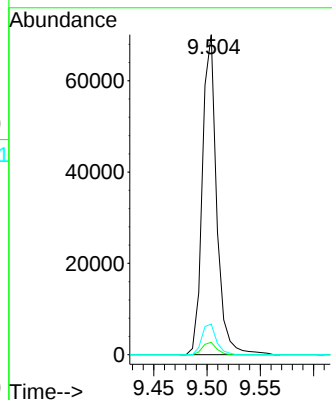
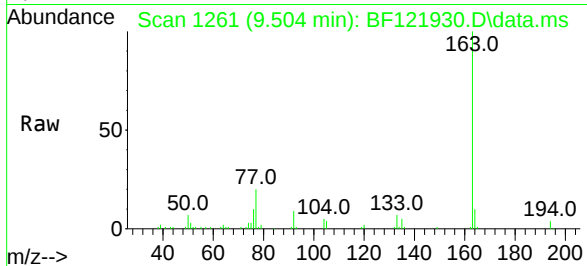




#50
Dimethylphthalate
Concen: 4.82 ng
RT: 9.504 min Scan# 1261
Delta R.T. -0.012 min
Lab File: BF121930.D
Acq: 12 Oct 2020 21:20

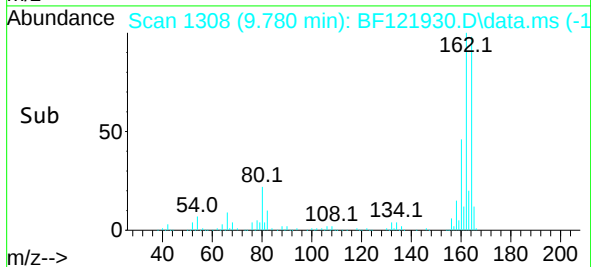
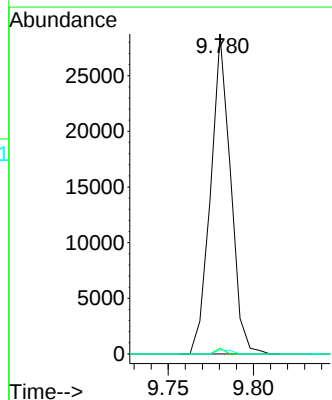
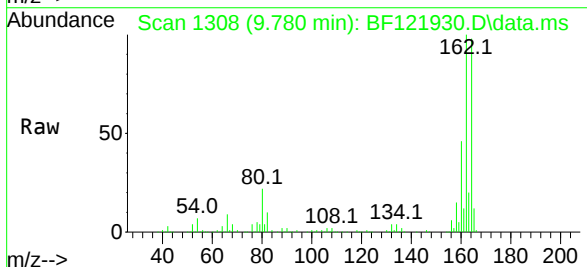
Instrument :
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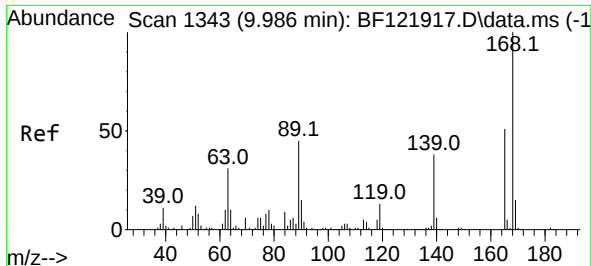
Tgt Ion:163 Resp: 65648
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.5 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 7.84 ng
RT: 9.780 min Scan# 1308
Delta R.T. 0.200 min
Lab File: BF121930.D
Acq: 12 Oct 2020 21:20

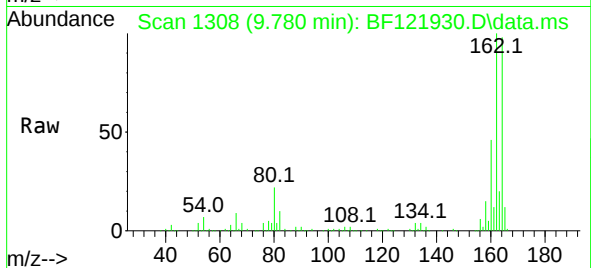
Tgt Ion:165 Resp: 23433
Ion Ratio Lower Upper
165 100
63 1.8 51.8 77.6#
89 1.3 49.0 73.6#



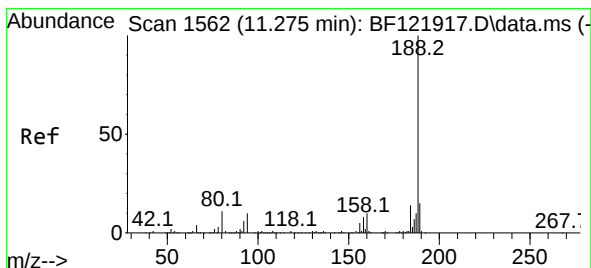
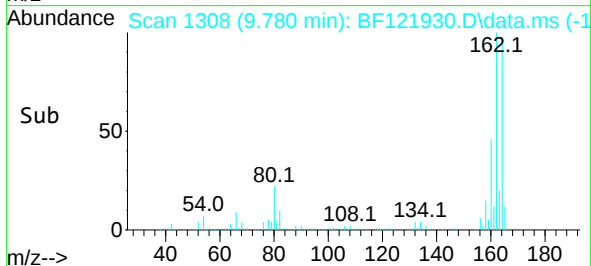
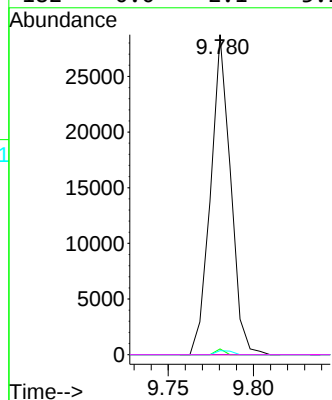


#57
2,4-Dinitrotoluene
Concen: 6.36 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.206 min
Lab File: BF121930.D
Acq: 12 Oct 2020 21:20

Instrument :
BNA_F
ClientSampleId :
A-2332-MH12

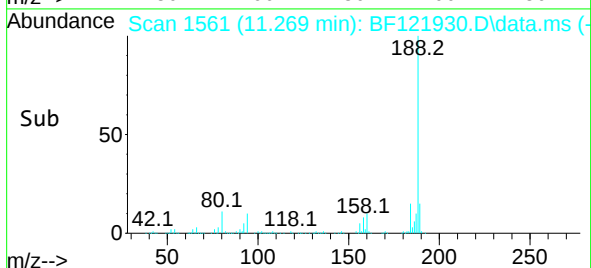
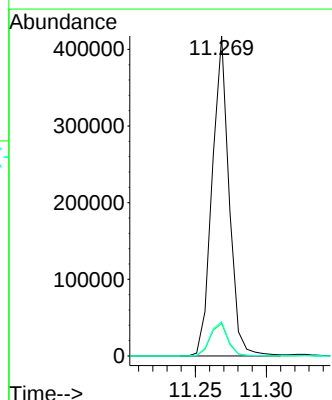
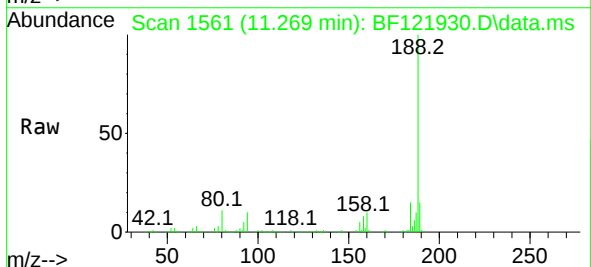


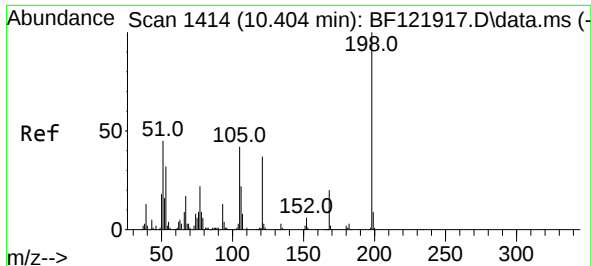
Tgt Ion:165 Resp: 23433
Ion Ratio Lower Upper
165 100
63 1.8 41.3 61.9#
89 1.3 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.007 min
Lab File: BF121930.D
Acq: 12 Oct 2020 21:20

Tgt Ion:188 Resp: 346647
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 10.7 9.1 13.7

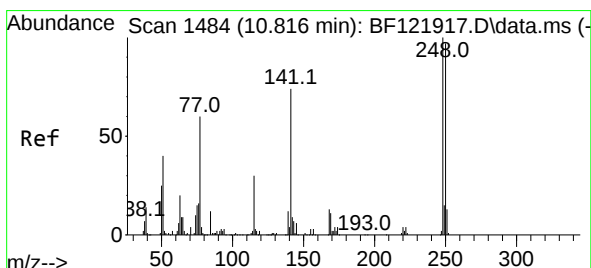
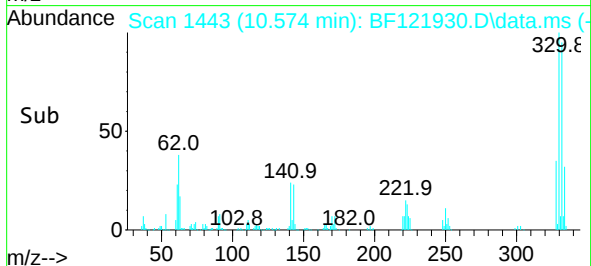
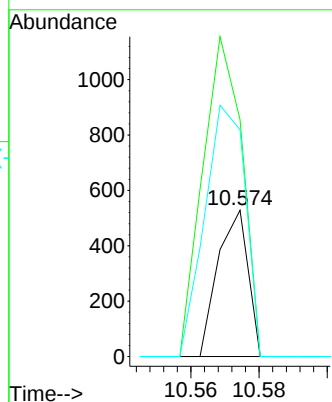
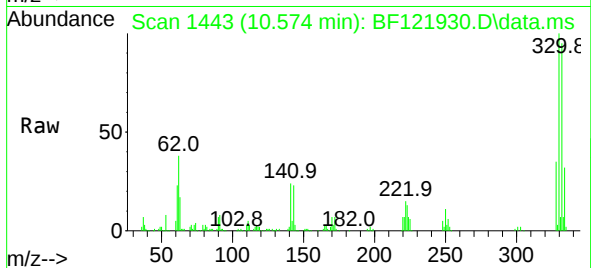




#65
4,6-Dinitro-2-methylphenol
Concen: 4.56 ng
RT: 10.574 min Scan# 1443
Delta R.T. 0.170 min
Lab File: BF121930.D
Acq: 12 Oct 2020 21:20

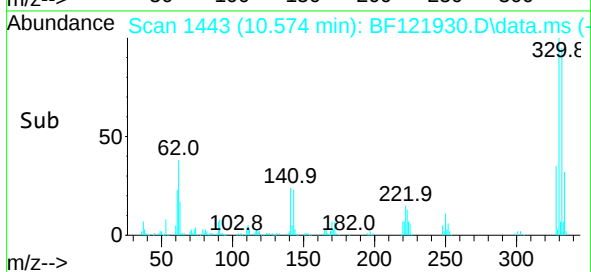
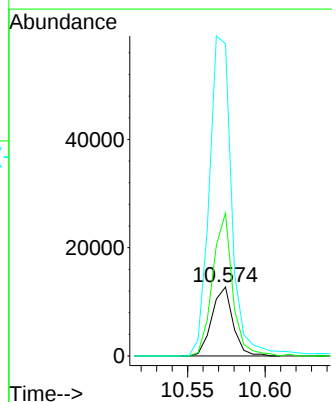
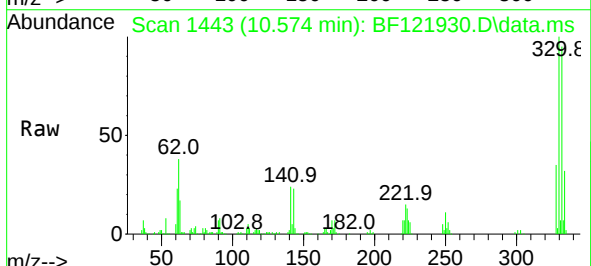
Instrument :
BNA_F
ClientSampleId :
A-2332-MH12

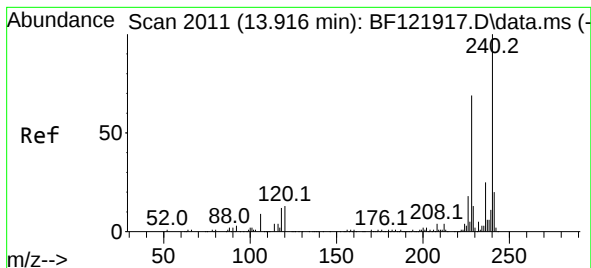
Tgt Ion:198 Resp: 323
Ion Ratio Lower Upper
198 100
51 161.9 29.6 69.6#
105 155.1 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 3.00 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF121930.D
Acq: 12 Oct 2020 21:20

Tgt Ion:248 Resp: 12024
Ion Ratio Lower Upper
248 100
250 207.1 77.0 115.6#
141 452.8 53.7 80.5#

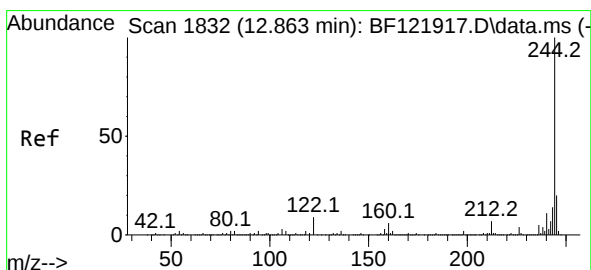
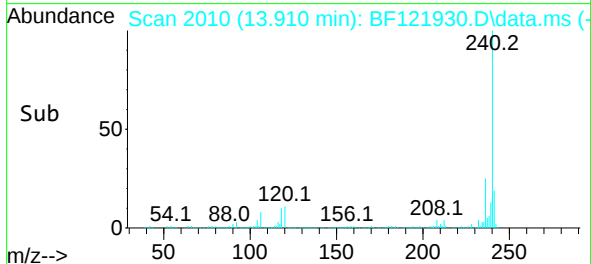
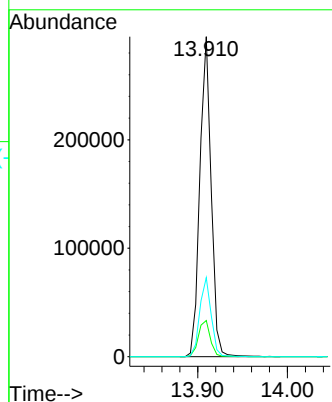
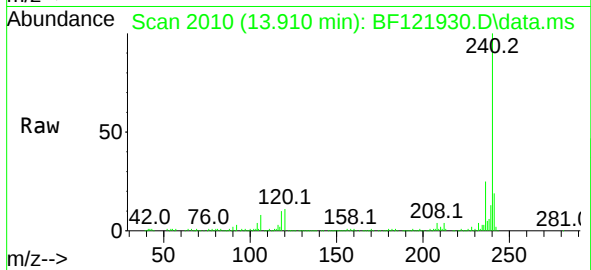




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF121930.D
Acq: 12 Oct 2020 21:20

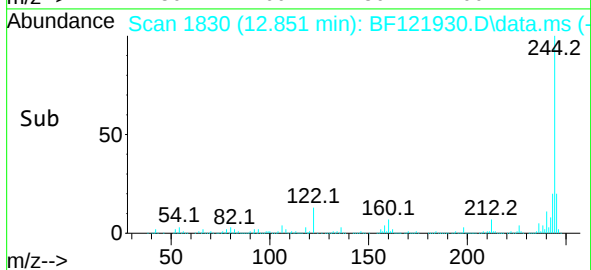
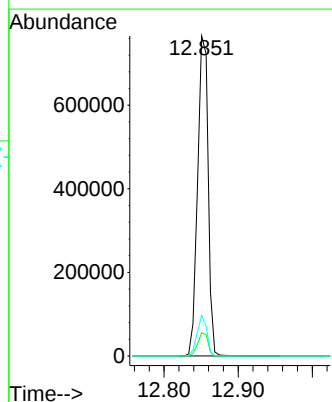
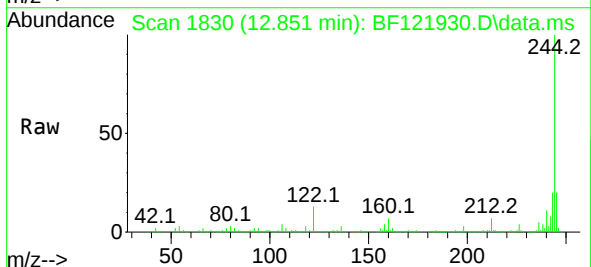
Instrument :
BNA_F
ClientSampleId :
A-2332-MH12

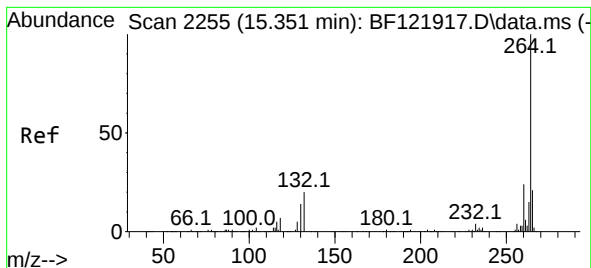
Tgt Ion:240 Resp: 257771
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 24.7 20.9 31.3



#79
Terphenyl-d14
Concen: 55.80 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.012 min
Lab File: BF121930.D
Acq: 12 Oct 2020 21:20

Tgt Ion:244 Resp: 754692
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 12.7 8.1 12.1#



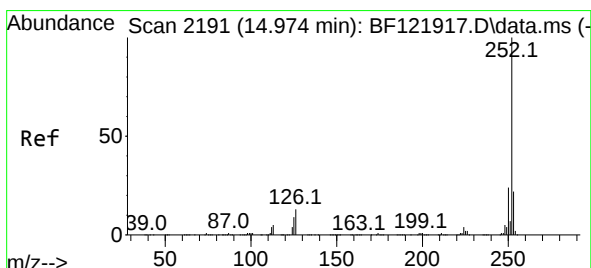
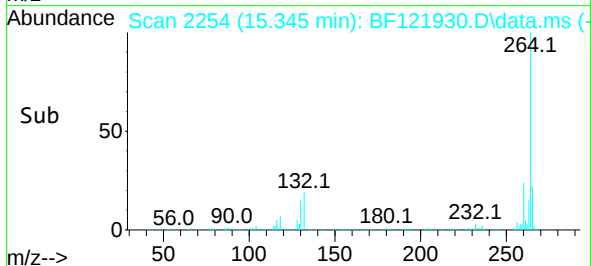
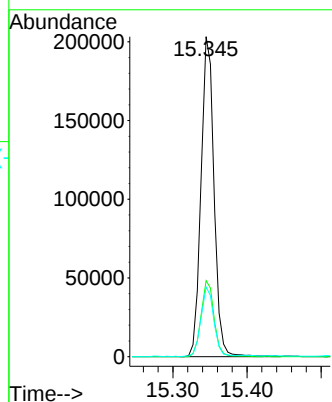
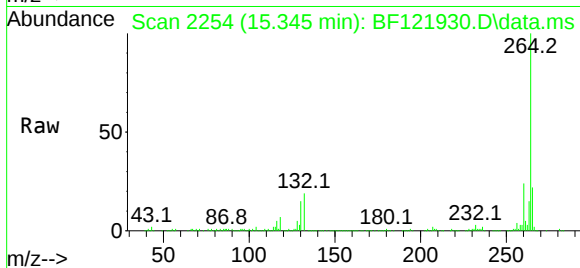


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.345 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BF121930.D
Acq: 12 Oct 2020 21:20

Instrument :
BNA_F
ClientSampleId :
A-2332-MH12

Tgt Ion:264 Resp: 247658

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.8	17.3	25.9



#89
Benzo(k)fluoranthene
Concen: 2.03 ng
RT: 14.939 min Scan# 2185
Delta R.T. -0.035 min
Lab File: BF121930.D
Acq: 12 Oct 2020 21:20

Tgt Ion:252 Resp: 32203

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.8	26.6#
125	16.4	7.7	11.5#

