

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
 Data File : BF121998.D
 Acq On : 15 Oct 2020 18:49
 Operator : JU/CG
 Sample : L4226-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-101320

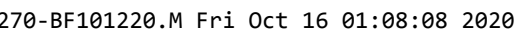
Quant Time: Oct 16 01:07:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 12:55:05 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	105548	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	407248	20.00	ng	0.00
39) Acenaphthene-d10	9.774	164	206357	20.00	ng	0.00
64) Phenanthrene-d10	11.263	188	360428	20.00	ng	0.00
76) Chrysene-d12	13.904	240	209873	20.00	ng	0.00
86) Perylene-d12	15.339	264	214114	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	789733	110.43	ng	0.02
7) Phenol-d6	6.392	99	899626	97.72	ng	0.00
23) Nitrobenzene-d5	7.310	82	767110	96.60	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	322532	126.35	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1270630	90.60	ng	0.00
79) Terphenyl-d14	12.851	244	1103113	100.17	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.392	77	1453	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.310	70	103857	19.81	ng	# 79
25) Isophorone	7.310	82	767105	51.09	ng	# 67
27) 2,4-Dimethylphenol	7.822	122	22035	3.31	ng	# 4
32) Benzoic acid	7.822	122	22234	12.59	ng	98
50) Dimethylphthalate	9.498	163	47431	3.14	ng	100
51) 2,6-Dinitrotoluene	9.774	165	26132	7.89	ng	# 21
57) 2,4-Dinitrotoluene	9.774	165	26132	6.41	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.569	198	617	4.66	ng	# 1
67) 4-Bromophenyl-phenylether	10.569	248	18421	4.42	ng	# 1
77) Benzidine	12.851	184	15377	2.38	ng	# 88

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

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QLast Update : Thu Oct 15 12:55:05 2020
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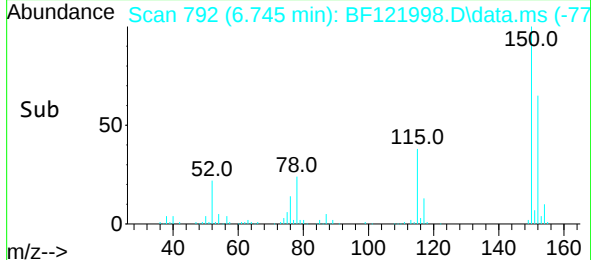
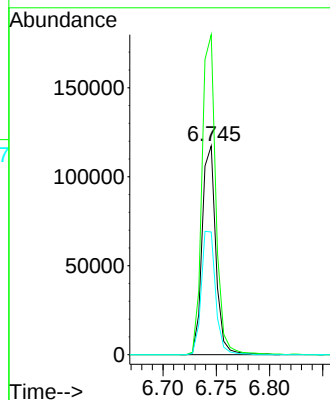
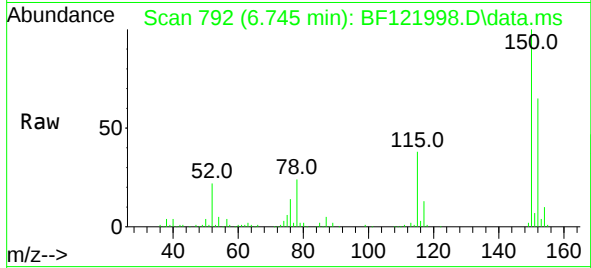




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.745 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: BF121998.D
 Acq: 15 Oct 2020 18:49

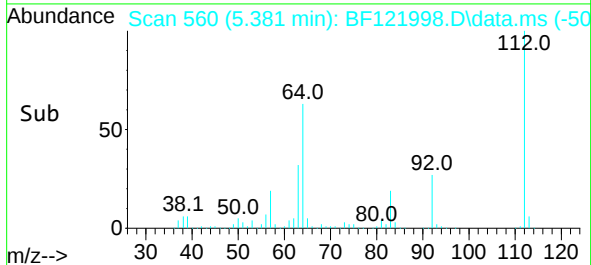
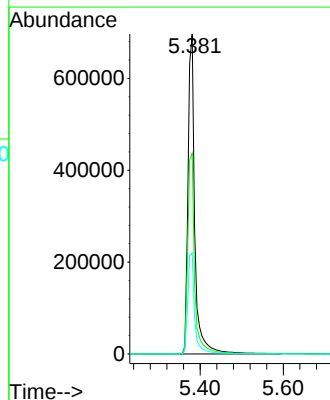
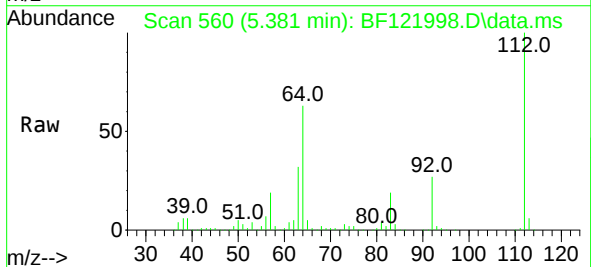
Instrument :
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 ClientSampleId :
 TR-04-101320

Tgt Ion:152 Resp: 105548
 Ion Ratio Lower Upper
 152 100
 150 153.2 125.3 187.9
 115 58.8 51.9 77.9



#5
 2-Fluorophenol
 Concen: 110.43 ng
 RT: 5.381 min Scan# 560
 Delta R.T. 0.018 min
 Lab File: BF121998.D
 Acq: 15 Oct 2020 18:49

Tgt Ion:112 Resp: 789733
 Ion Ratio Lower Upper
 112 100
 64 62.6 50.4 75.6
 63 31.5 25.8 38.6

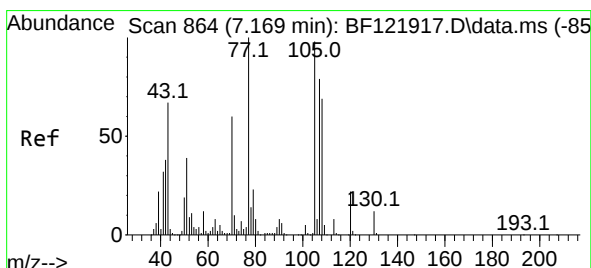
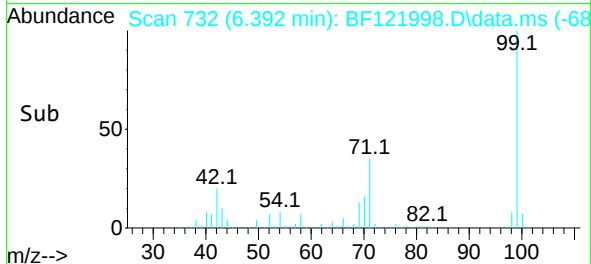
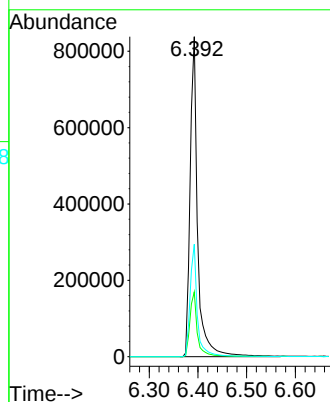
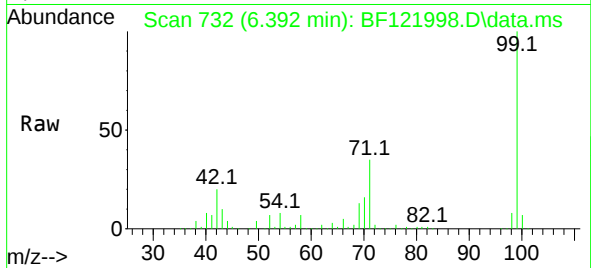




#7
Phenol-d6
Concen: 97.72 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF121998.D
Acq: 15 Oct 2020 18:49

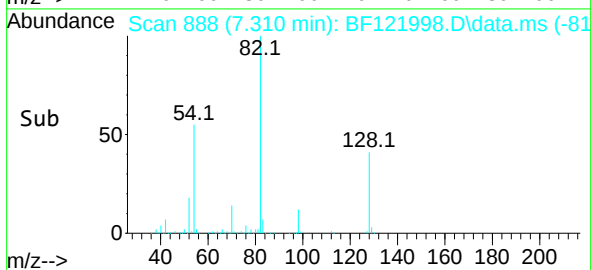
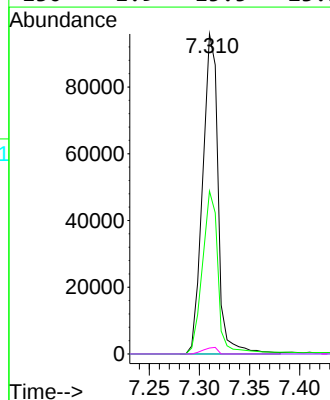
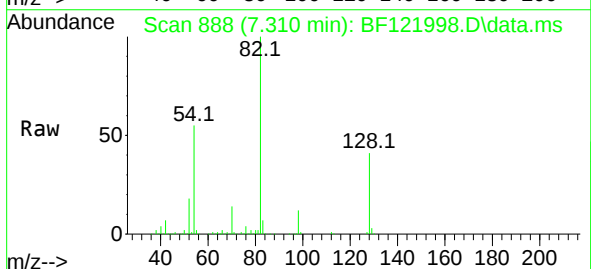
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ClientSampleId :
TR-04-101320

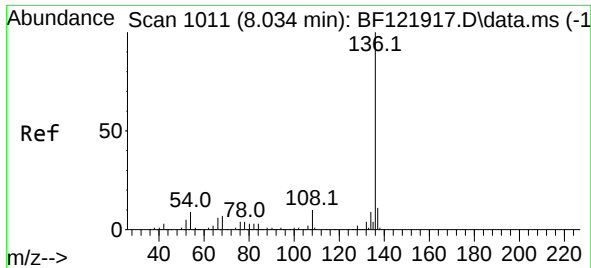
Tgt Ion: 99 Resp: 899626
Ion Ratio Lower Upper
99 100
42 20.2 15.9 23.9
71 35.1 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.81 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF121998.D
Acq: 15 Oct 2020 18:49

Tgt Ion: 70 Resp: 103857
Ion Ratio Lower Upper
70 100
42 50.9 50.2 75.4
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



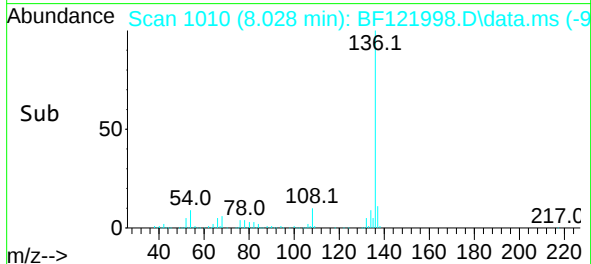
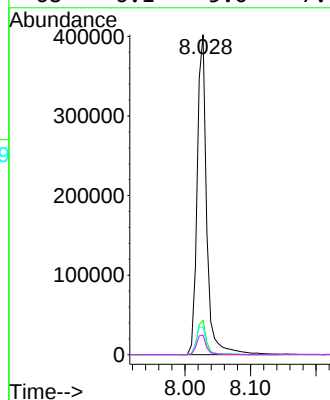
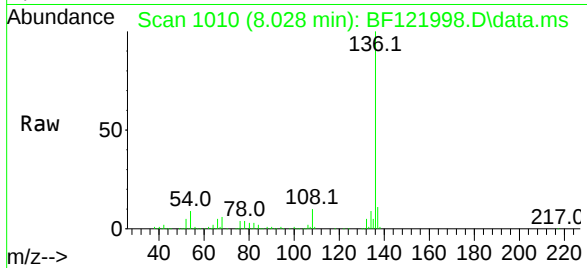


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF121998.D
Acq: 15 Oct 2020 18:49

Instrument :
BNA_F
ClientSampleId :
TR-04-101320

Tgt Ion:136 Resp: 407248

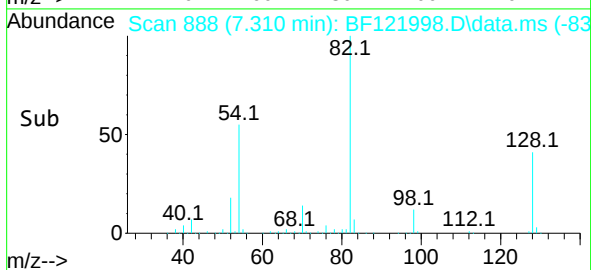
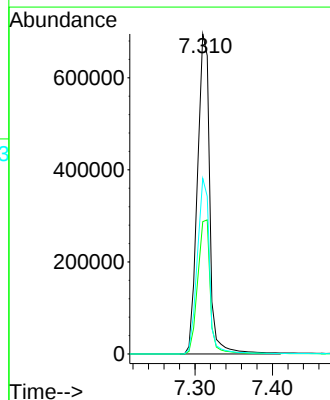
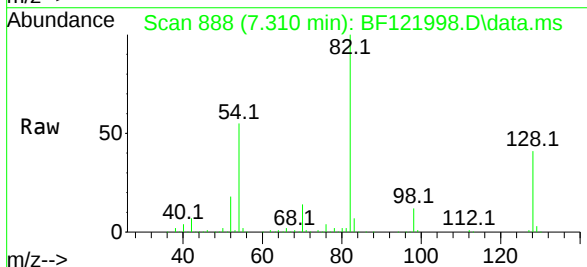
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.6	7.1	10.7
68	6.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 96.60 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF121998.D
Acq: 15 Oct 2020 18:49

Tgt Ion: 82 Resp: 767110

Ion	Ratio	Lower	Upper
82	100		
128	41.3	35.0	52.4
54	54.9	43.9	65.9

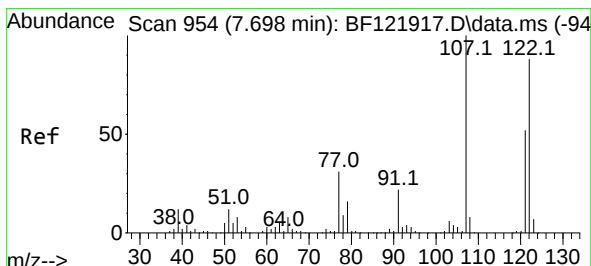
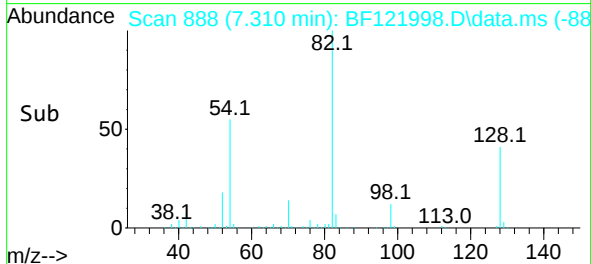
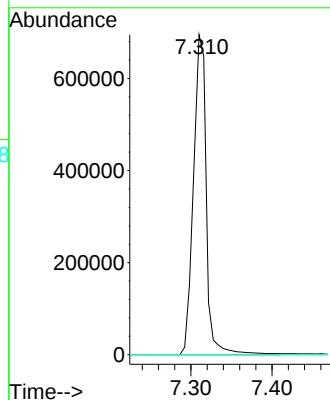
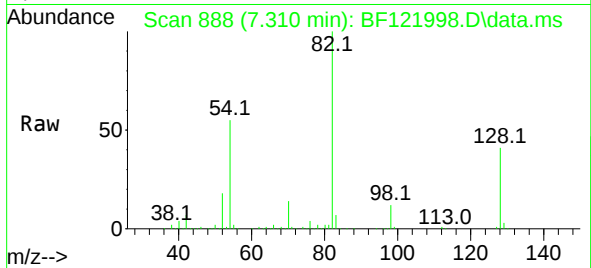




#25
Isophorone
Concen: 51.09 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.265 min
Lab File: BF121998.D
Acq: 15 Oct 2020 18:49

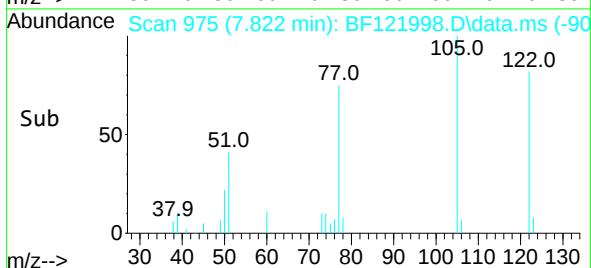
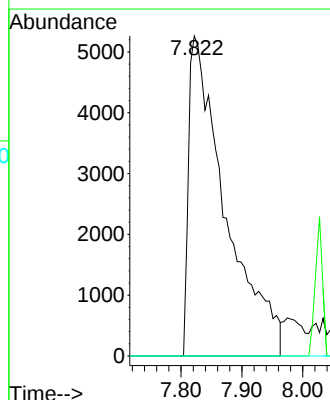
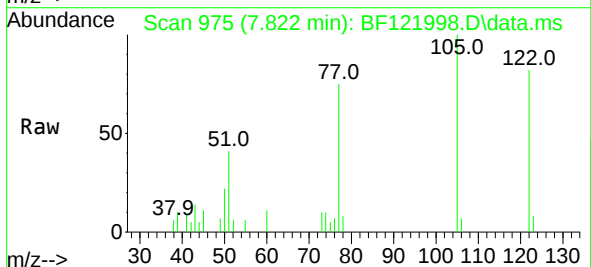
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ClientSampleId :
TR-04-101320

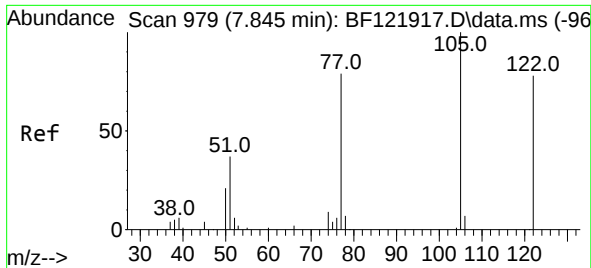
Tgt Ion: 82 Resp: 767105
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#27
2,4-Dimethylphenol
Concen: 3.31 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.129 min
Lab File: BF121998.D
Acq: 15 Oct 2020 18:49

Tgt Ion: 122 Resp: 22035
Ion Ratio Lower Upper
122 100
107 0.0 90.8 136.2#
121 0.0 47.5 71.3#

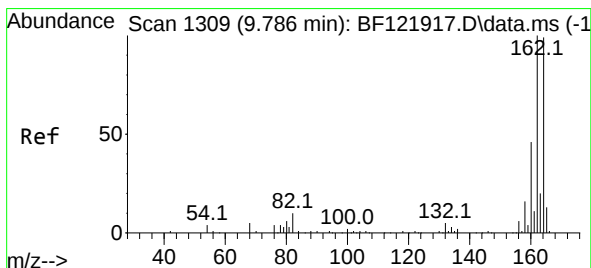
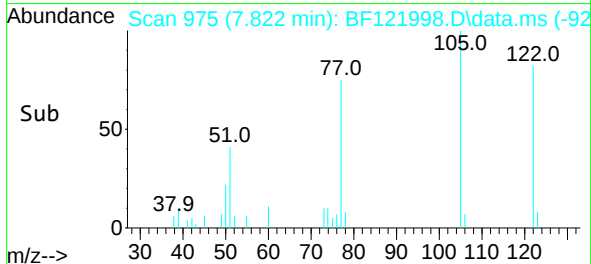
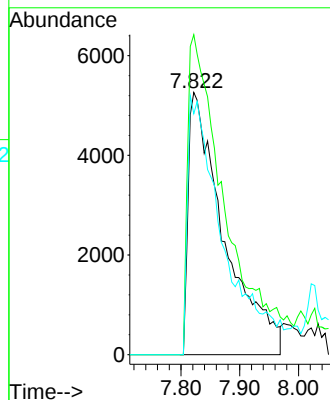
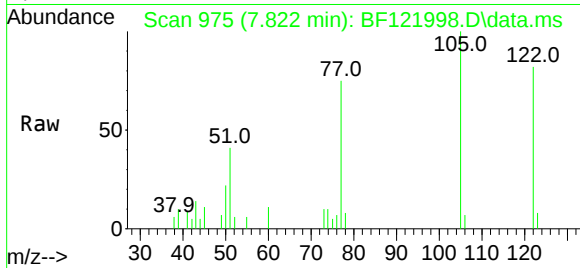




#32
Benzoic acid
Concen: 12.59 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.018 min
Lab File: BF121998.D
Acq: 15 Oct 2020 18:49

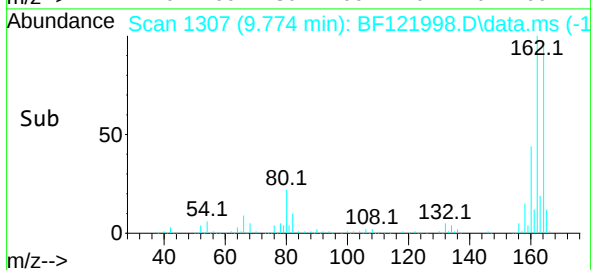
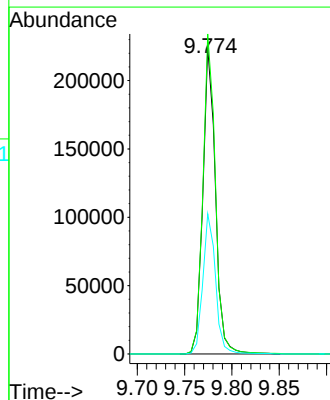
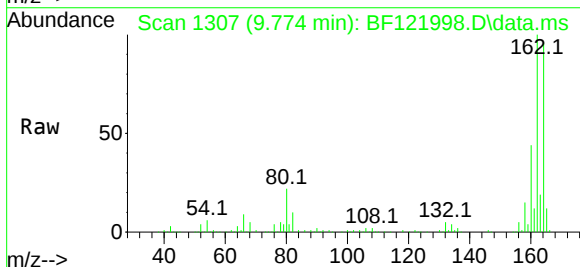
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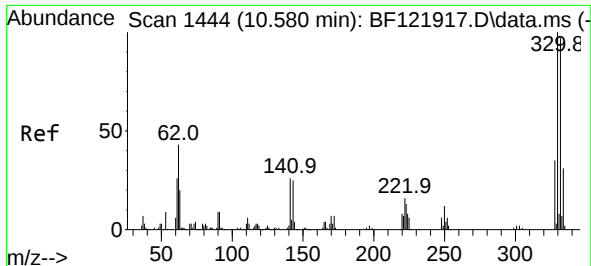
Tgt Ion:	122	Resp:	22234
Ion	Ratio	Lower	Upper
122	100		
105	122.0	103.3	143.3
77	91.9	73.9	113.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF121998.D
Acq: 15 Oct 2020 18:49

Tgt Ion:	164	Resp:	206357
Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.2	124.8
160	45.8	37.5	56.3

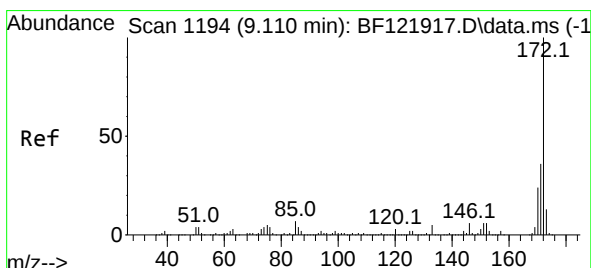
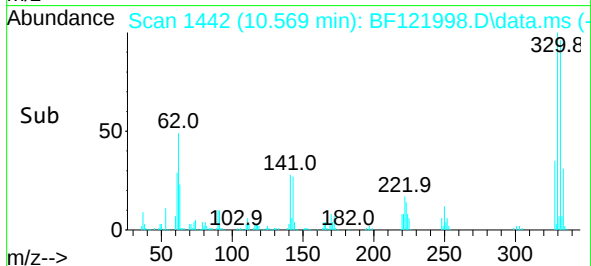
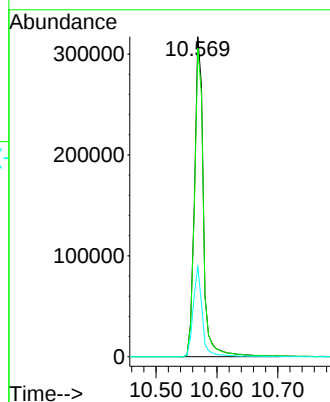
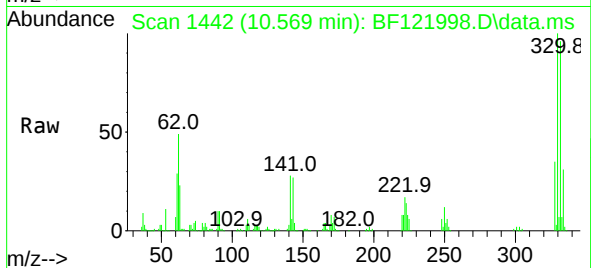




#42
2,4,6-Tribromophenol
Concen: 126.35 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF121998.D
Acq: 15 Oct 2020 18:49

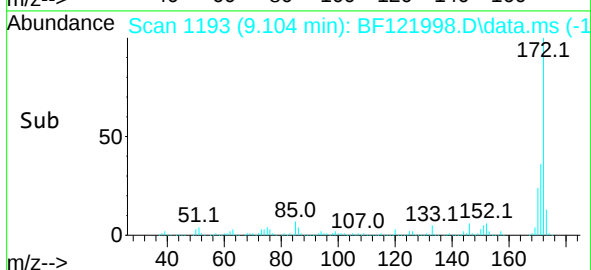
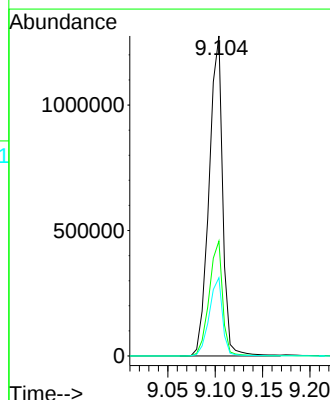
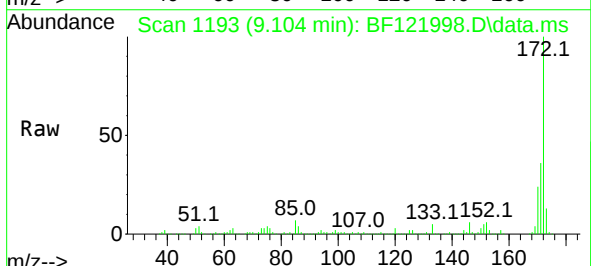
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ClientSampleId :
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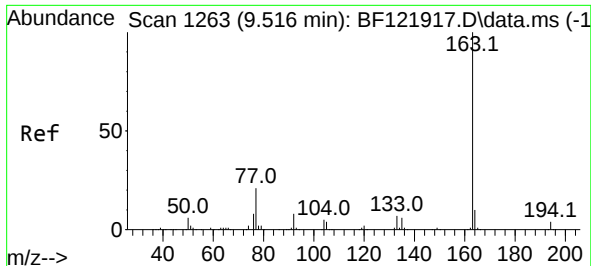
Tgt Ion: 330 Resp: 322532
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 28.5 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 90.60 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF121998.D
Acq: 15 Oct 2020 18:49

Tgt Ion: 172 Resp: 1270630
Ion Ratio Lower Upper
172 100
171 35.9 29.1 43.7
170 24.5 19.8 29.6

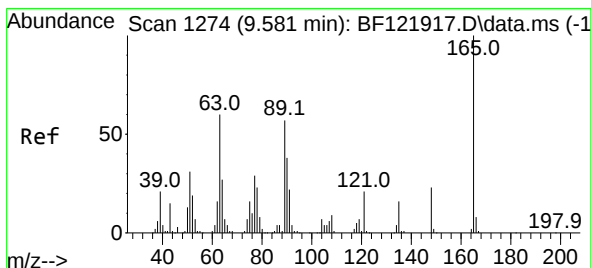
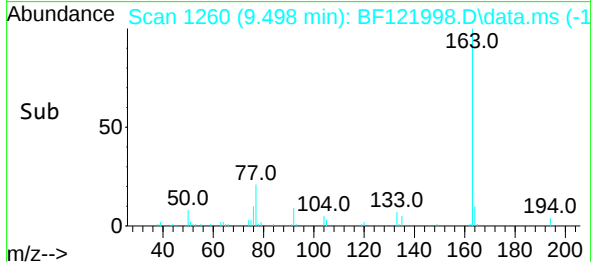
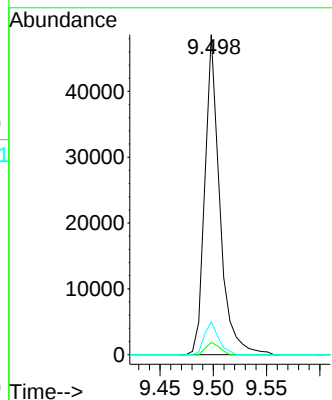
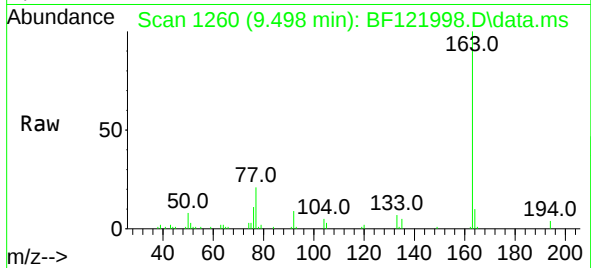




#50
Dimethylphthalate
Concen: 3.14 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF121998.D
Acq: 15 Oct 2020 18:49

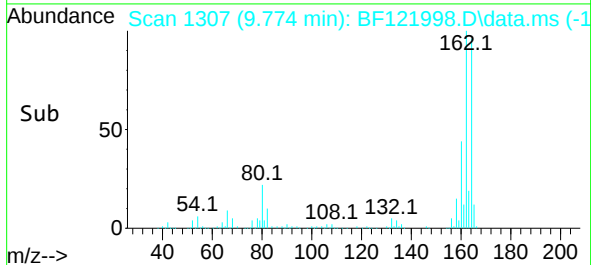
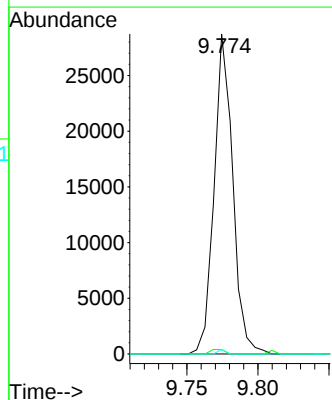
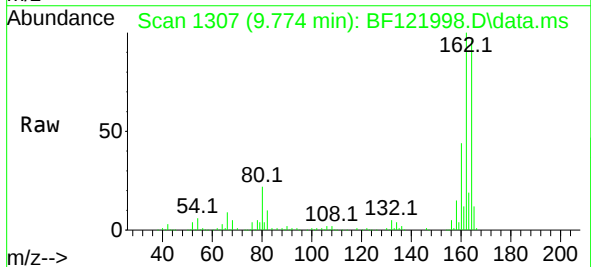
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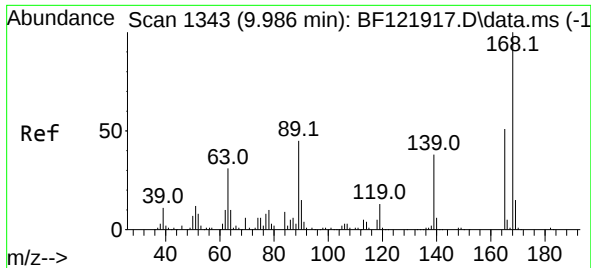
Tgt Ion:163 Resp: 47431
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.2 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 7.89 ng
RT: 9.774 min Scan# 1307
Delta R.T. 0.200 min
Lab File: BF121998.D
Acq: 15 Oct 2020 18:49

Tgt Ion:165 Resp: 26132
Ion Ratio Lower Upper
165 100
63 1.4 51.8 77.6#
89 1.4 49.0 73.6#

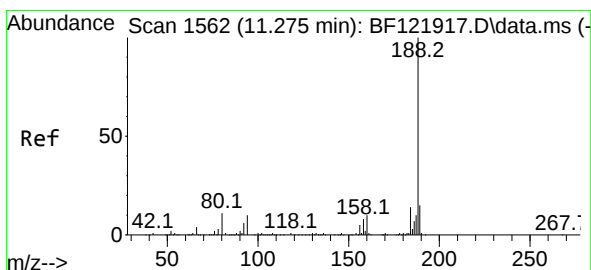
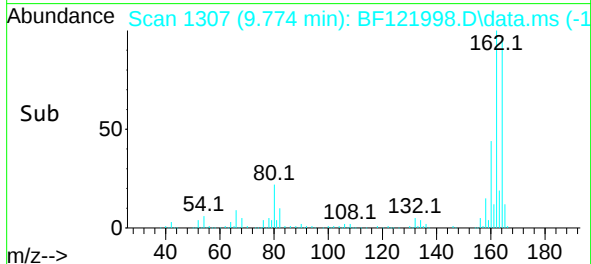
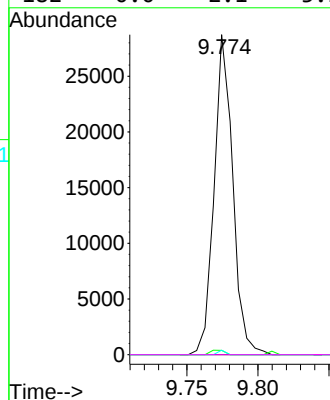
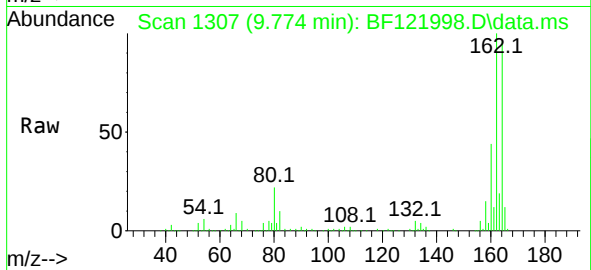




#57
2,4-Dinitrotoluene
Concen: 6.41 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF121998.D
Acq: 15 Oct 2020 18:49

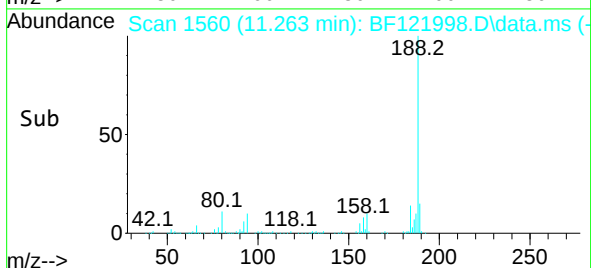
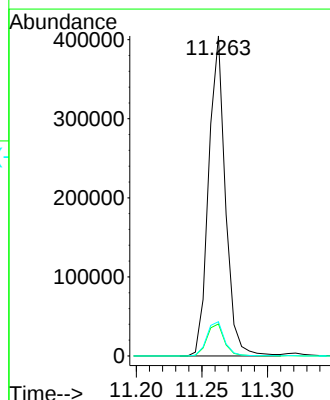
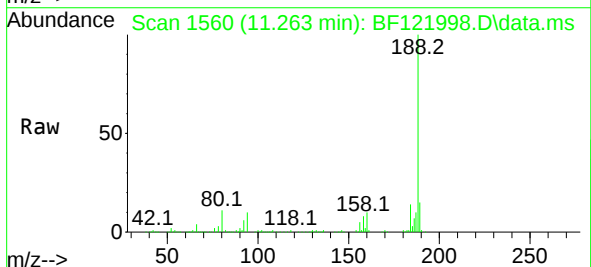
Instrument :
BNA_F
ClientSampleId :
TR-04-101320

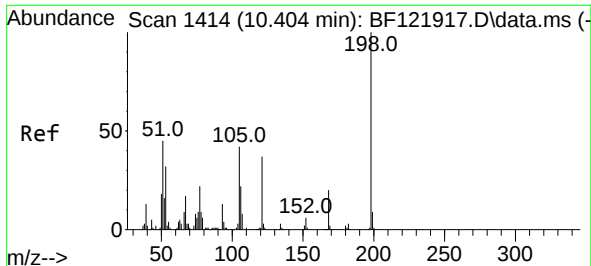
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Ion Ratio	Lower	Upper	
165	100		
63	1.4	41.3	61.9#
89	1.4	61.8	92.8#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BF121998.D
Acq: 15 Oct 2020 18:49

Tgt Ion:	188	Resp:	360428
Ion Ratio	Lower	Upper	
188	100		
94	10.0	8.3	12.5
80	10.7	9.1	13.7

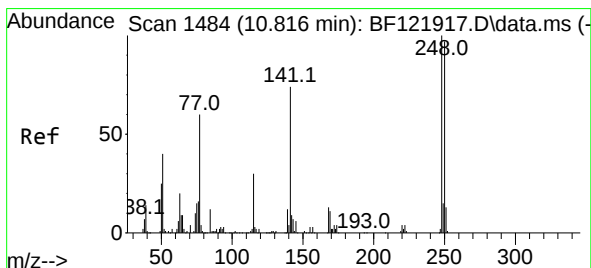
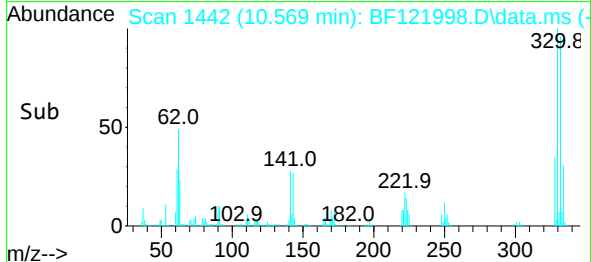
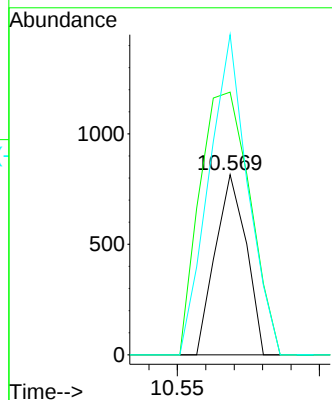
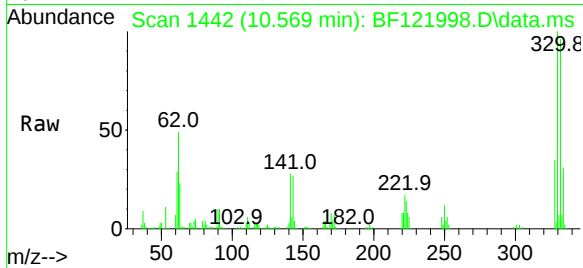




#65
4,6-Dinitro-2-methylphenol
Concen: 4.66 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.171 min
Lab File: BF121998.D
Acq: 15 Oct 2020 18:49

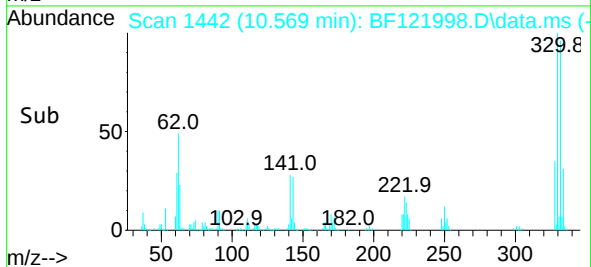
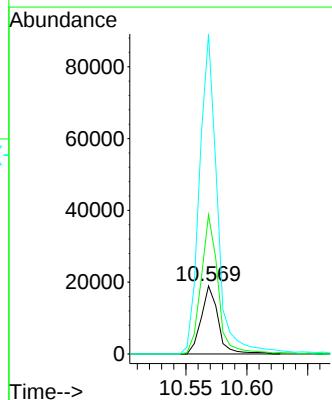
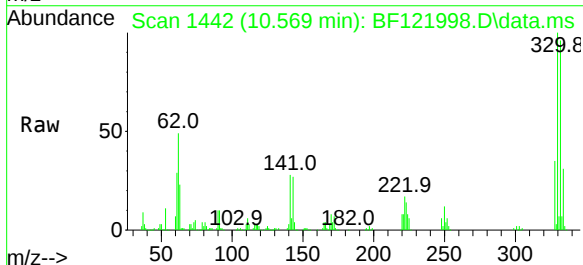
Instrument :
BNA_F
ClientSampleId :
TR-04-101320

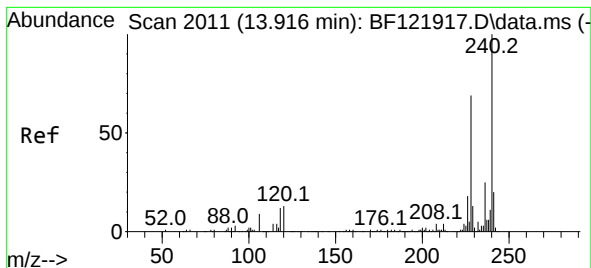
Tgt Ion:198 Resp: 617
Ion Ratio Lower Upper
198 100
51 145.9 29.6 69.6#
105 177.8 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.42 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.241 min
Lab File: BF121998.D
Acq: 15 Oct 2020 18:49

Tgt Ion:248 Resp: 18421
Ion Ratio Lower Upper
248 100
250 204.6 77.0 115.6#
141 470.2 53.7 80.5#

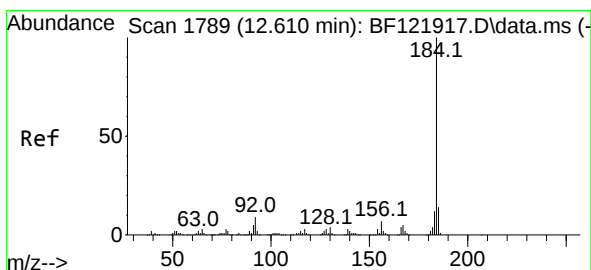
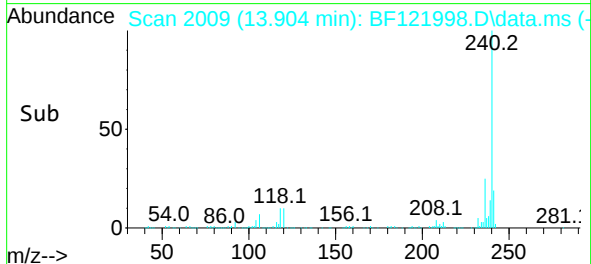
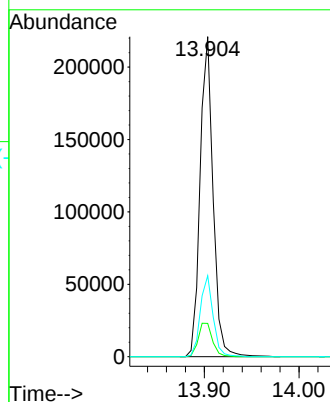
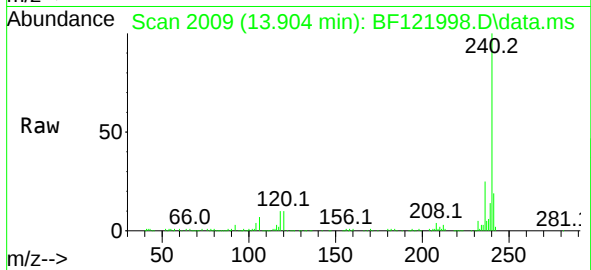




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF121998.D
Acq: 15 Oct 2020 18:49

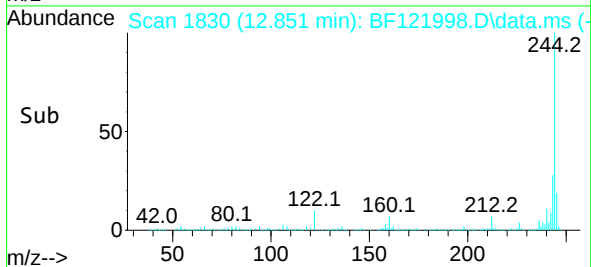
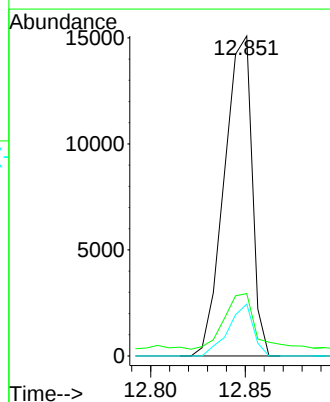
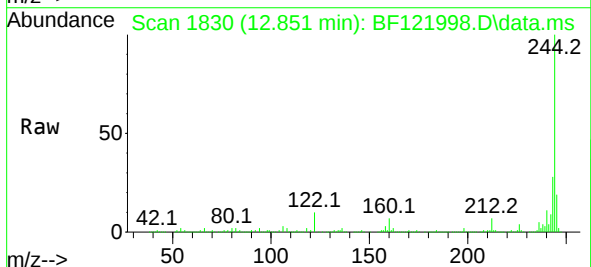
Instrument :
BNA_F
ClientSampleId :
TR-04-101320

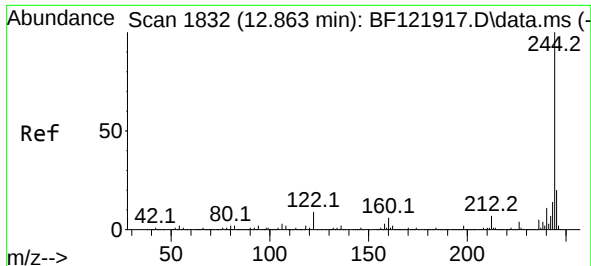
Tgt Ion:240 Resp: 209873
Ion Ratio Lower Upper
240 100
120 10.4 9.2 13.8
236 25.3 20.9 31.3



#77
Benzidine
Concen: 2.38 ng
RT: 12.851 min Scan# 1830
Delta R.T. 0.247 min
Lab File: BF121998.D
Acq: 15 Oct 2020 18:49

Tgt Ion:184 Resp: 15377
Ion Ratio Lower Upper
184 100
185 19.5 11.6 17.4#
183 16.2 9.4 14.0#

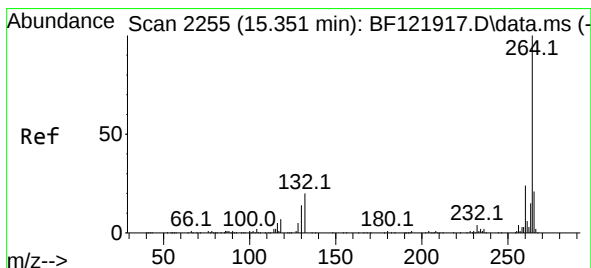
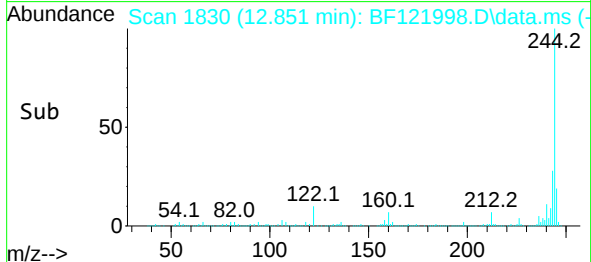
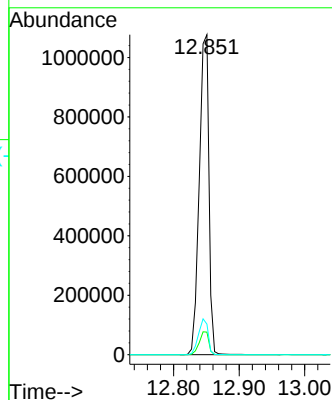
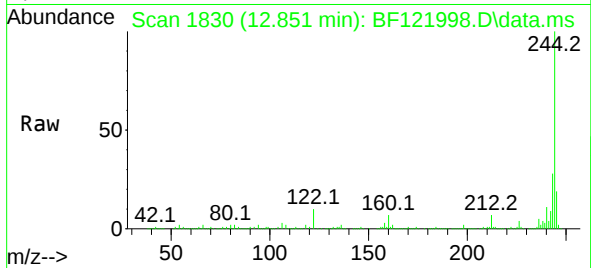




#79
Terphenyl-d14
Concen: 100.17 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BF121998.D
Acq: 15 Oct 2020 18:49

Instrument :
BNA_F
ClientSampleId :
TR-04-101320

Tgt Ion:244 Resp: 1103113
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 9.6 8.1 12.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. -0.000 min
Lab File: BF121998.D
Acq: 15 Oct 2020 18:49

Tgt Ion:264 Resp: 214114
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.1 17.3 25.9

