

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
 Data File : BF121976.D
 Acq On : 15 Oct 2020 3:24
 Operator : JU/CG
 Sample : L4388-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-2

Quant Time: Oct 15 04:57:58 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)

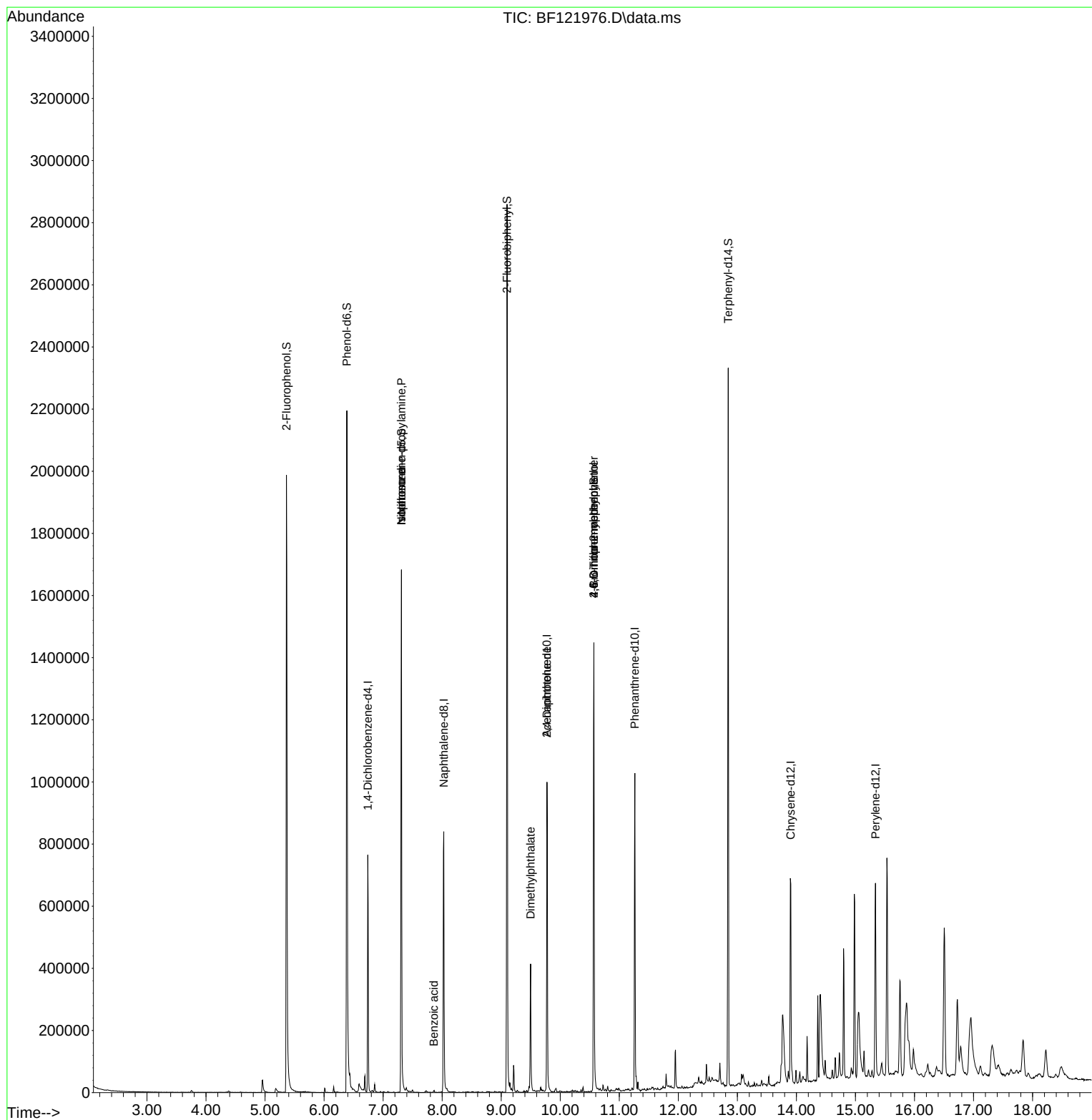
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	108219	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	417375	20.00	ng	0.00
39) Acenaphthene-d10	9.774	164	207175	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	355707	20.00	ng	-0.01
76) Chrysene-d12	13.904	240	232793	20.00	ng	-0.01
86) Perylene-d12	15.339	264	239928	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	587167	80.08	ng	0.00
7) Phenol-d6	6.386	99	763704	80.91	ng	-0.01
23) Nitrobenzene-d5	7.310	82	541703	66.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	189446	73.92	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	899519	63.88	ng	-0.01
79) Terphenyl-d14	12.845	244	649846	53.20	ng	-0.02
Target Compounds						
						Qvalue
9) Benzaldehyde	6.322	77	279	Below Cal	#	41
19) n-Nitroso-di-n-propyla...	7.310	70	72376	13.47	ng	# 77
25) Isophorone	7.310	82	538538	35.00	ng	# 67
32) Benzoic acid	7.857	122	422	7.78	ng	# 79
50) Dimethylphthalate	9.498	163	174861	11.54	ng	100
57) 2,4-Dinitrotoluene	9.774	165	26121	6.39	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.569	198	282	4.54	ng	# 1
67) 4-Bromophenyl-phenylether	10.569	248	11431	2.78	ng	# 1

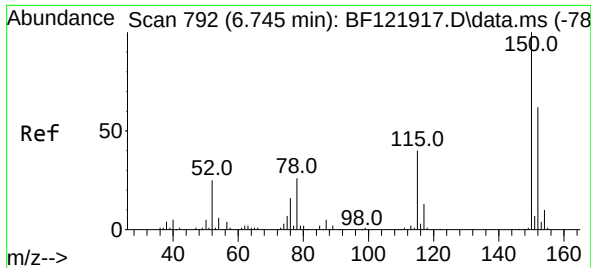
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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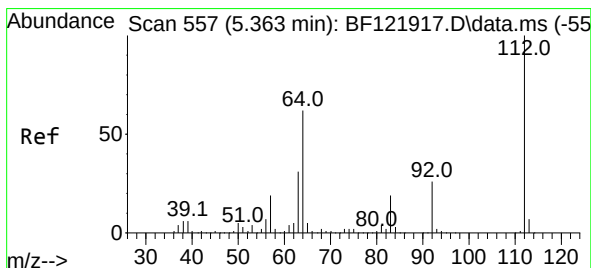
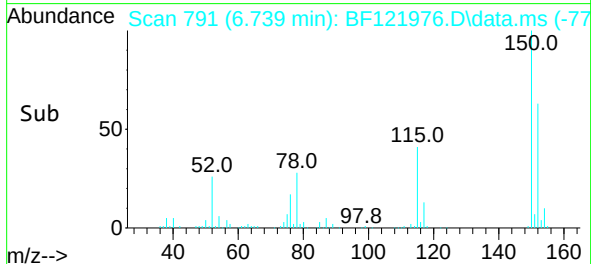
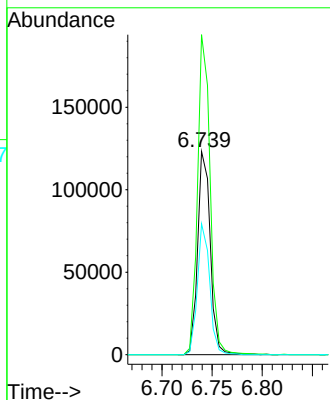
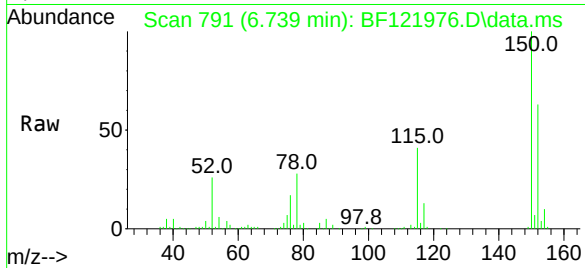




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF121976.D
Acq: 15 Oct 2020 3:24

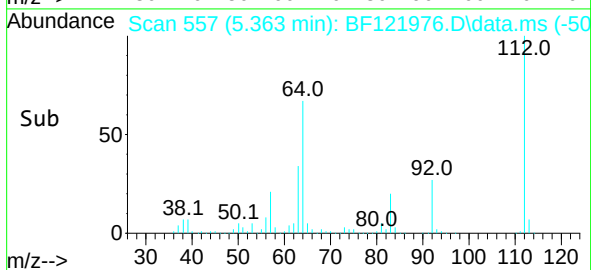
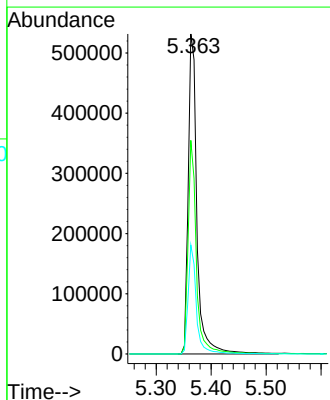
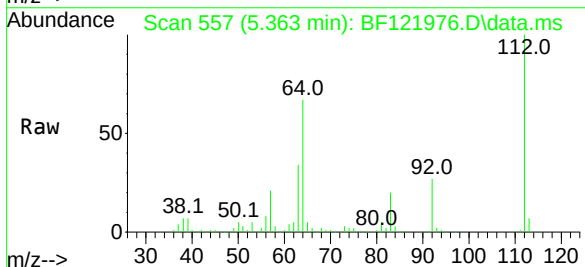
Instrument :
BNA_F
ClientSampleId :
BG-2

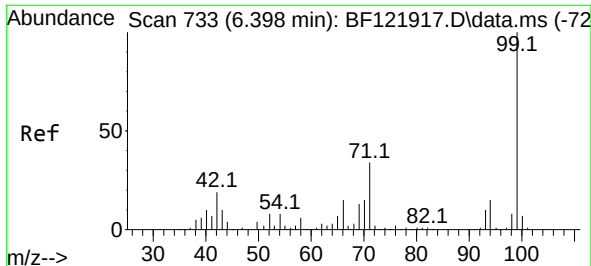
Tgt Ion:152 Resp: 108219
Ion Ratio Lower Upper
152 100
150 157.5 125.3 187.9
115 64.4 51.9 77.9



#5
2-Fluorophenol
Concen: 80.08 ng
RT: 5.363 min Scan# 557
Delta R.T. -0.000 min
Lab File: BF121976.D
Acq: 15 Oct 2020 3:24

Tgt Ion:112 Resp: 587167
Ion Ratio Lower Upper
112 100
64 66.7 50.4 75.6
63 34.1 25.8 38.6

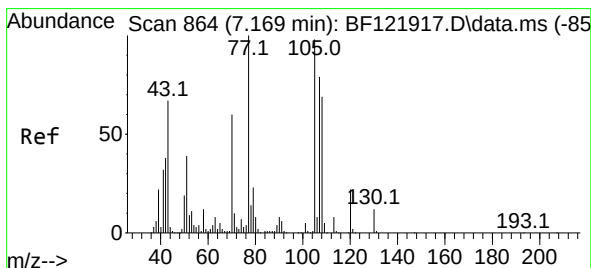
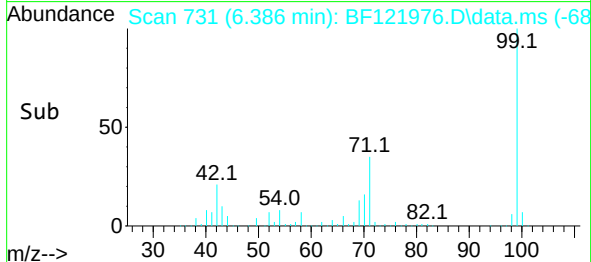
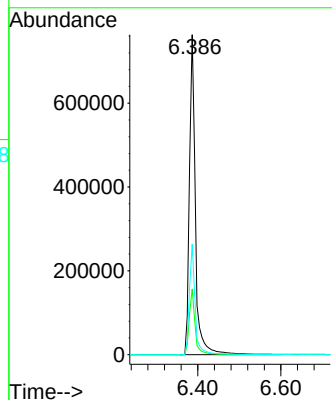
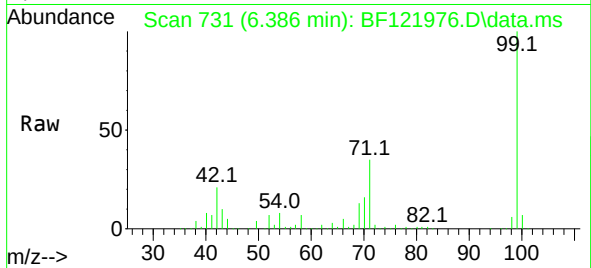




#7
Phenol-d6
Concen: 80.91 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121976.D
Acq: 15 Oct 2020 3:24

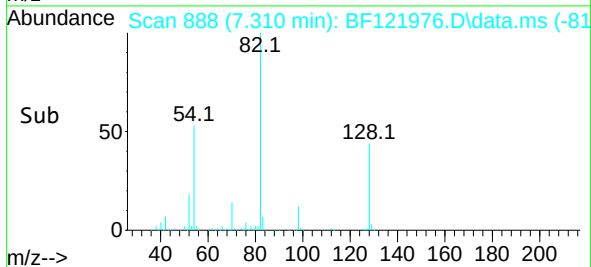
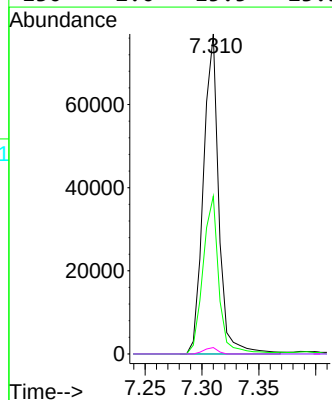
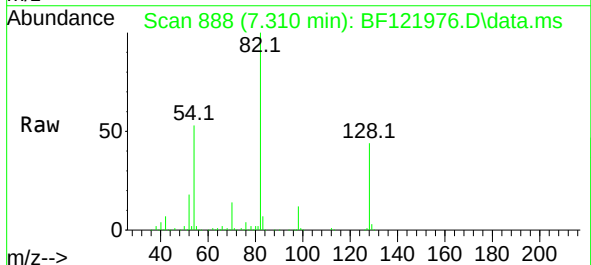
Instrument :
BNA_F
ClientSampleId :
BG-2

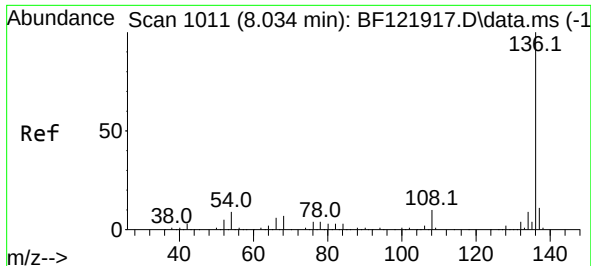
Tgt Ion: 99 Resp: 763704
Ion Ratio Lower Upper
99 100
42 20.6 15.9 23.9
71 34.5 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.47 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.141 min
Lab File: BF121976.D
Acq: 15 Oct 2020 3:24

Tgt Ion: 70 Resp: 72376
Ion Ratio Lower Upper
70 100
42 49.3 50.2 75.4#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#

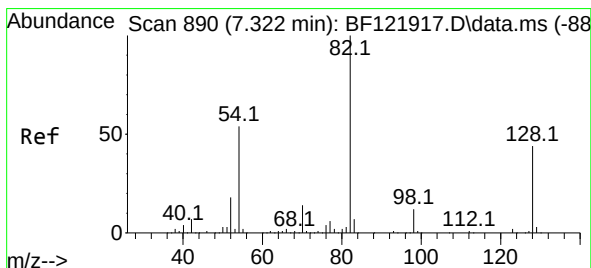
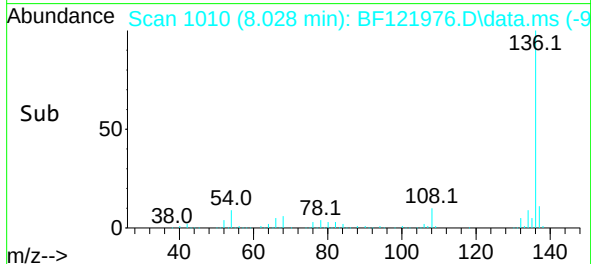
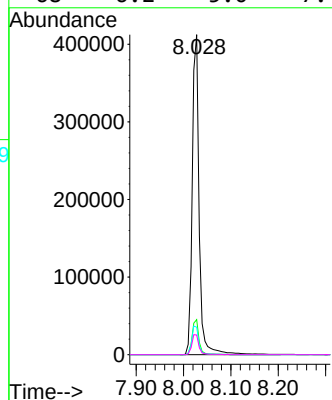
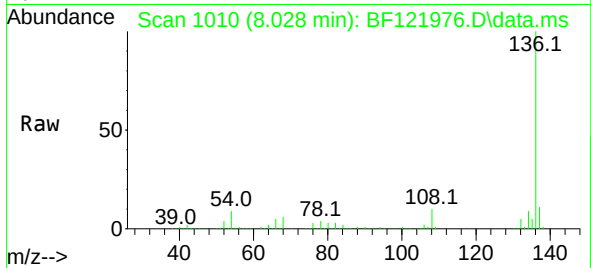




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121976.D
Acq: 15 Oct 2020 3:24

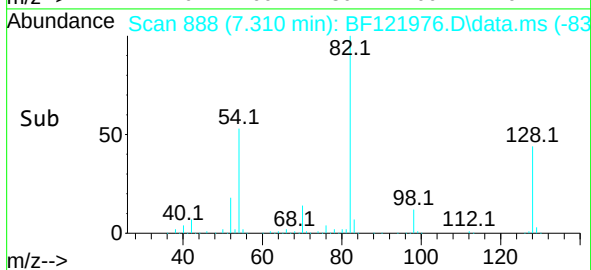
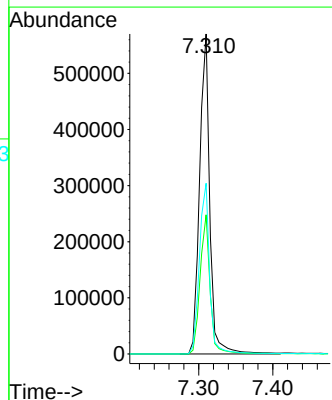
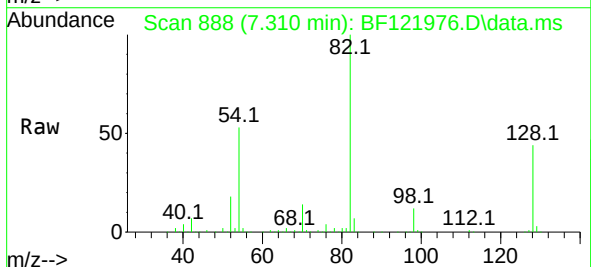
Instrument :
BNA_F
ClientSampled :
BG-2

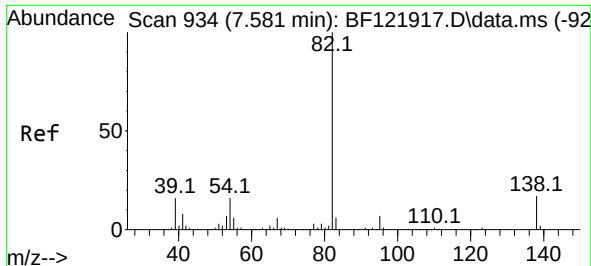
Tgt Ion:136 Resp: 417375
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 7.1 10.7
68 6.2 5.0 7.4



#23
Nitrobenzene-d5
Concen: 66.56 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121976.D
Acq: 15 Oct 2020 3:24

Tgt Ion: 82 Resp: 541703
Ion Ratio Lower Upper
82 100
128 43.5 35.0 52.4
54 53.4 43.9 65.9

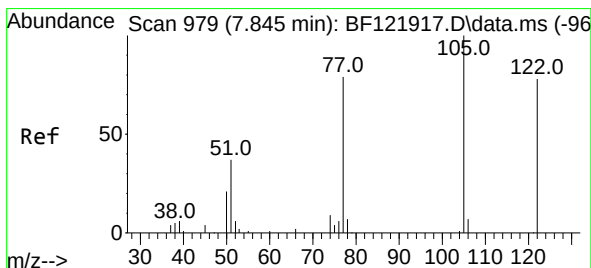
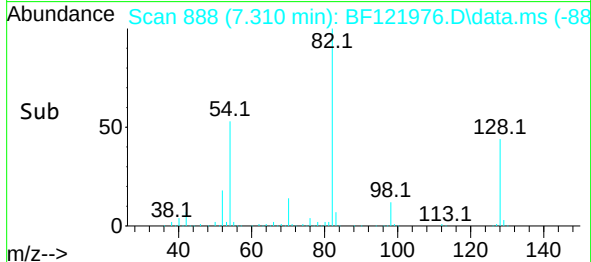
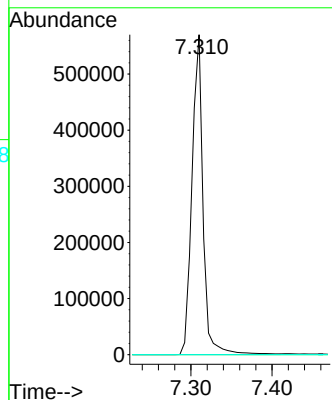
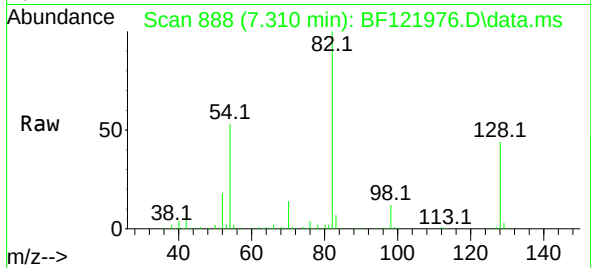




#25
Isophorone
Concen: 35.00 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.271 min
Lab File: BF121976.D
Acq: 15 Oct 2020 3:24

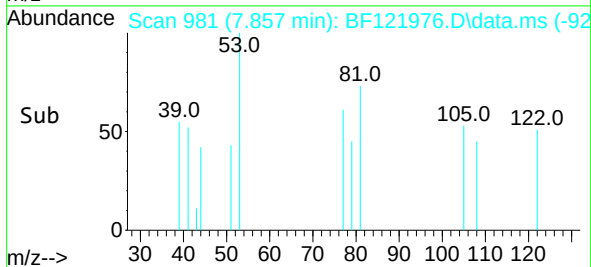
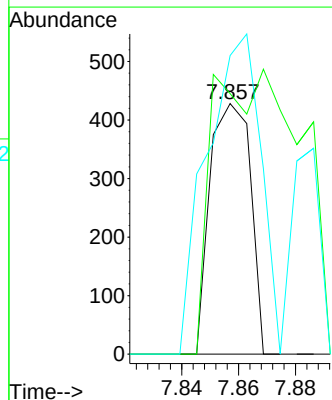
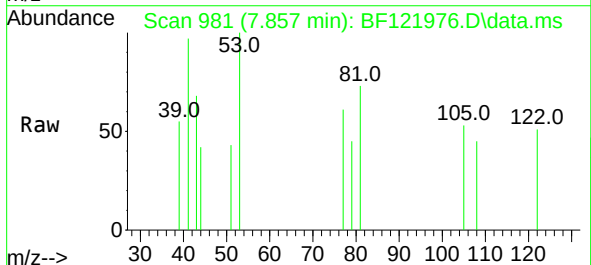
Instrument :
BNA_F
ClientSampleId :
BG-2

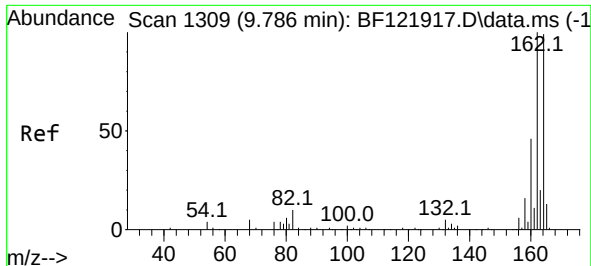
Tgt Ion: 82 Resp: 538538
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.78 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.012 min
Lab File: BF121976.D
Acq: 15 Oct 2020 3:24

Tgt Ion:122 Resp: 422
Ion Ratio Lower Upper
122 100
105 104.0 103.3 143.3
77 119.2 73.9 113.9#

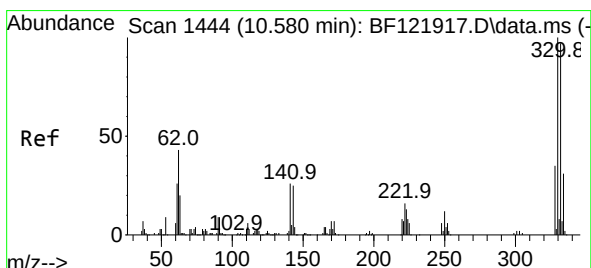
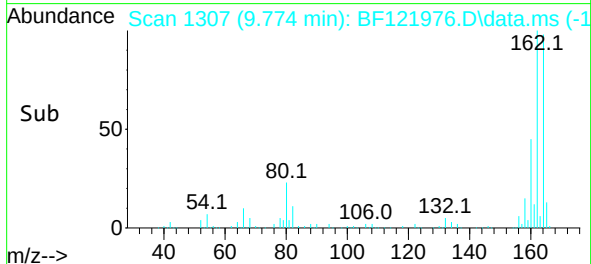
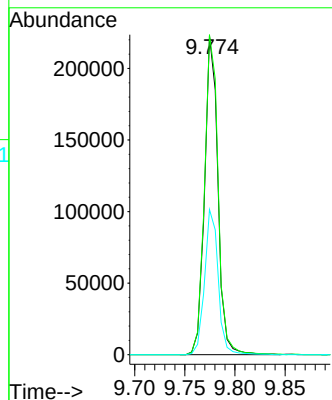
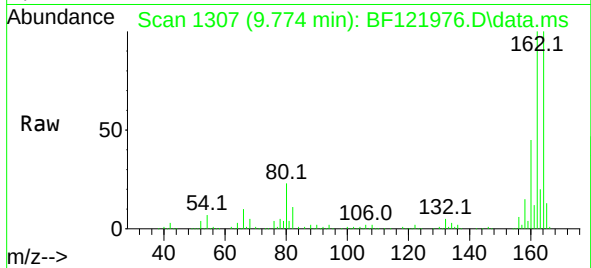




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF121976.D
Acq: 15 Oct 2020 3:24

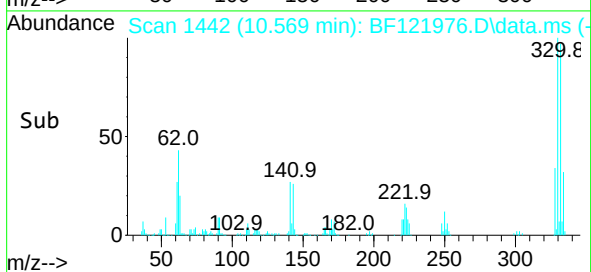
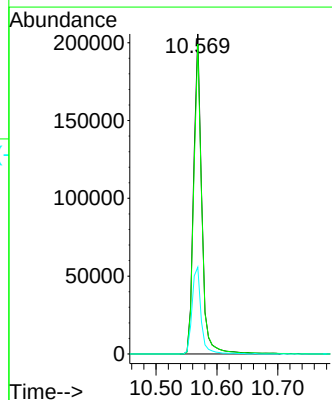
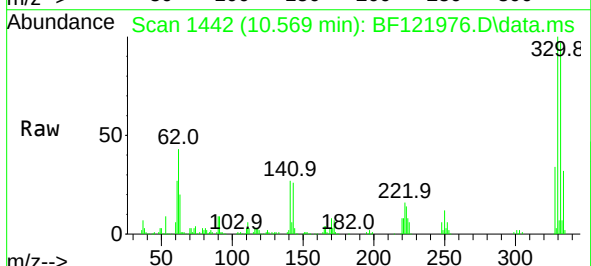
Instrument :
BNA_F
ClientSampleId :
BG-2

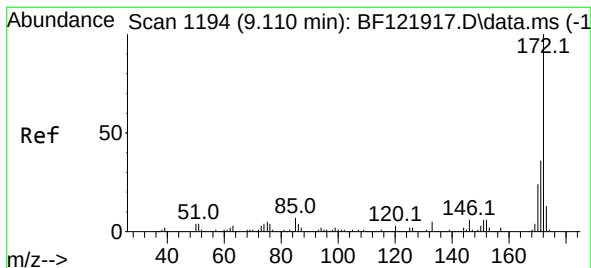
Tgt Ion:164 Resp: 207175
Ion Ratio Lower Upper
164 100
162 100.4 83.2 124.8
160 45.5 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 73.92 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121976.D
Acq: 15 Oct 2020 3:24

Tgt Ion:330 Resp: 189446
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 30.3 22.3 33.5

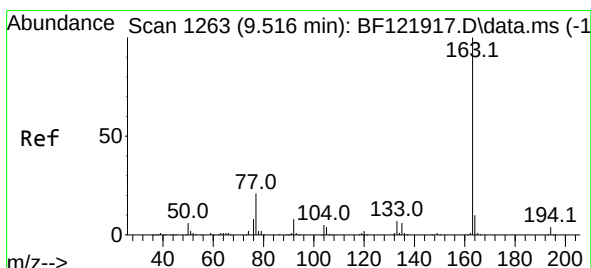
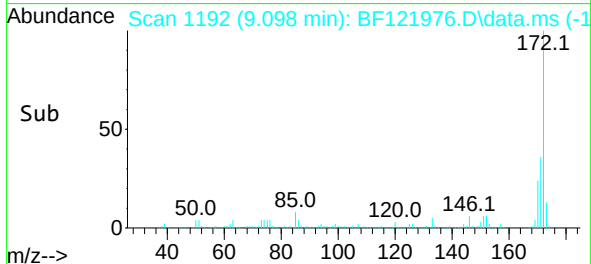
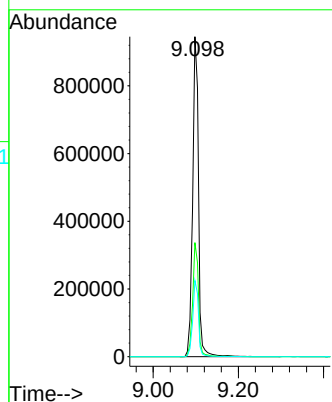
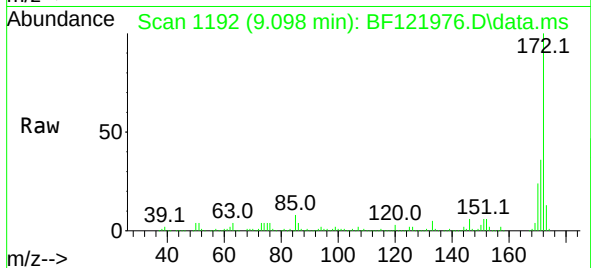




#45
2-Fluorobiphenyl
Concen: 63.88 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF121976.D
Acq: 15 Oct 2020 3:24

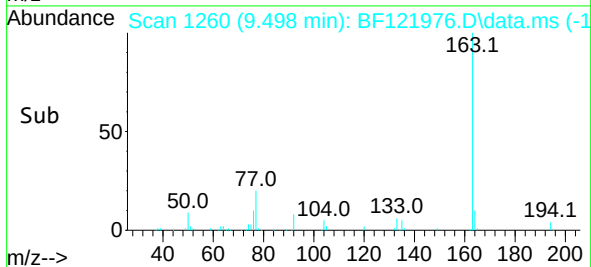
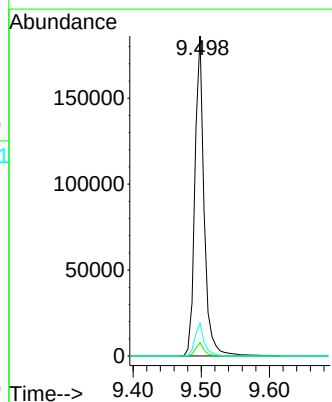
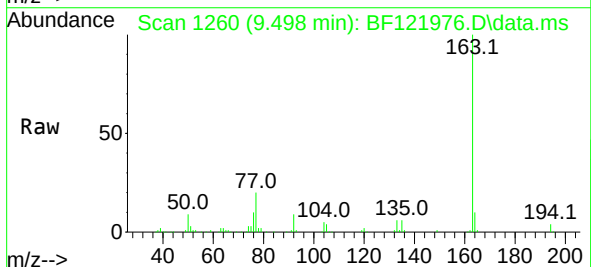
Instrument :
BNA_F
ClientSampled :
BG-2

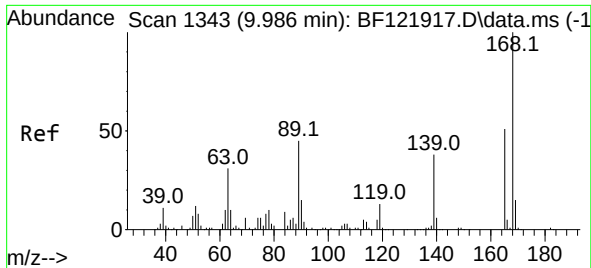
Tgt Ion:172 Resp: 899519
Ion Ratio Lower Upper
172 100
171 35.7 29.1 43.7
170 23.8 19.8 29.6



#50
Dimethylphthalate
Concen: 11.54 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.018 min
Lab File: BF121976.D
Acq: 15 Oct 2020 3:24

Tgt Ion:163 Resp: 174861
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.2 12.4

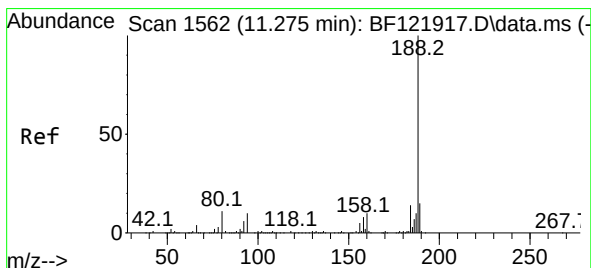
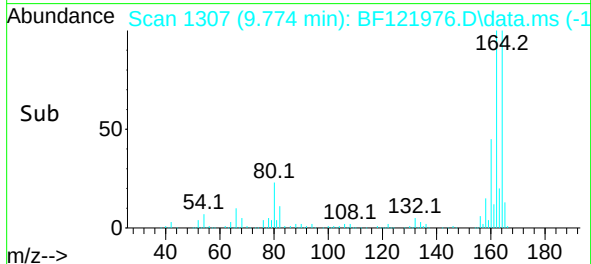
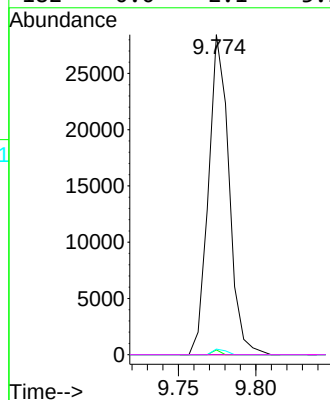
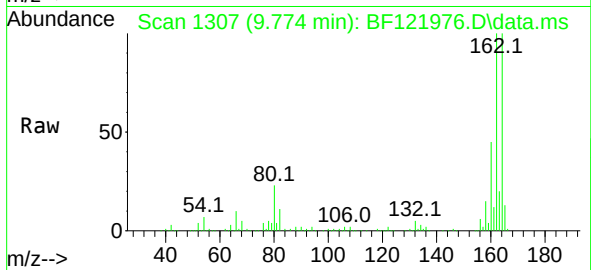




#57
2,4-Dinitrotoluene
Concen: 6.39 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF121976.D
Acq: 15 Oct 2020 3:24

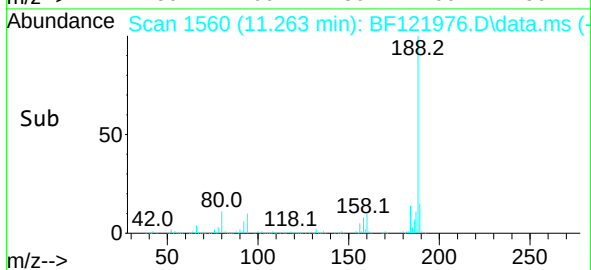
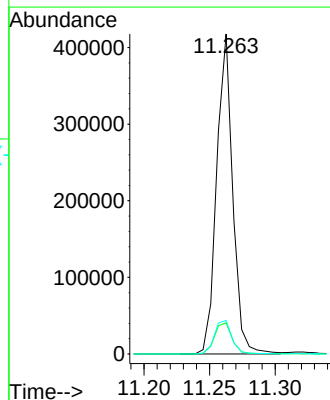
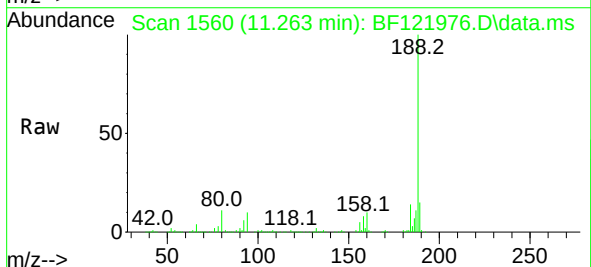
Instrument :
BNA_F
ClientSampled :
BG-2

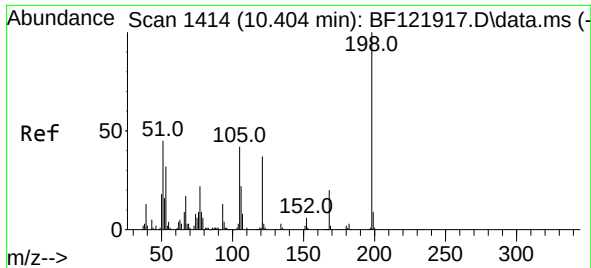
Tgt Ion:	165	Resp:	26121
Ion Ratio	Lower	Upper	
165	100		
63	1.5	41.3	61.9#
89	1.8	61.8	92.8#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121976.D
Acq: 15 Oct 2020 3:24

Tgt Ion:	188	Resp:	355707
Ion Ratio	Lower	Upper	
188	100		
94	9.7	8.3	12.5
80	10.5	9.1	13.7

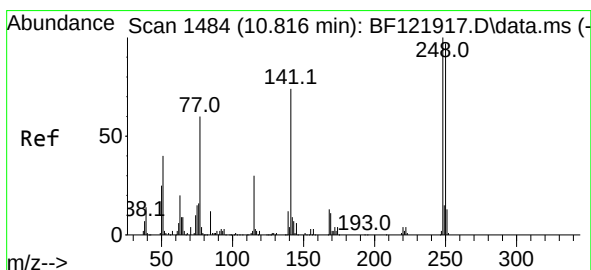
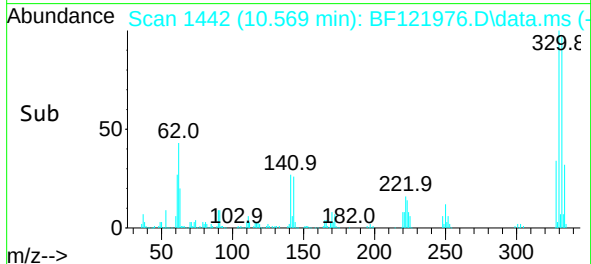
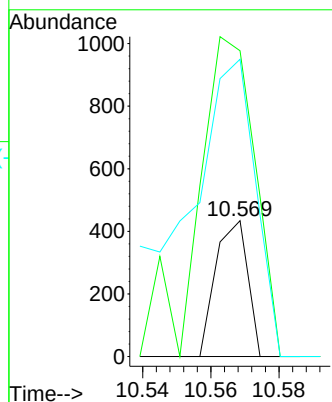
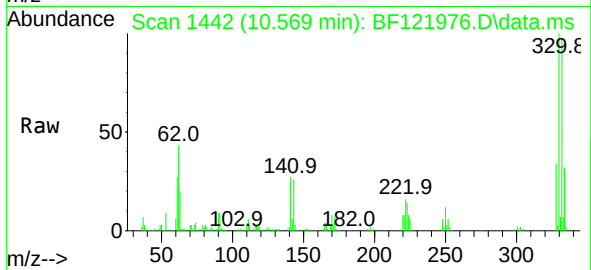




#65
4,6-Dinitro-2-methylphenol
Concen: 4.54 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.165 min
Lab File: BF121976.D
Acq: 15 Oct 2020 3:24

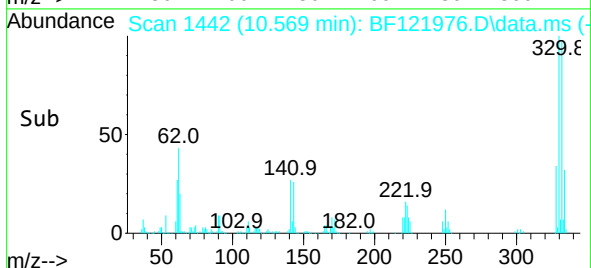
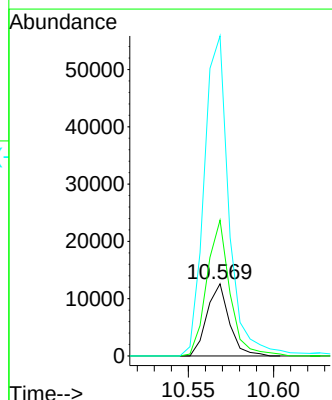
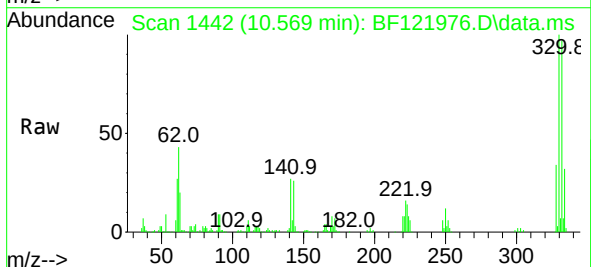
Instrument :
BNA_F
ClientSampled :
BG-2

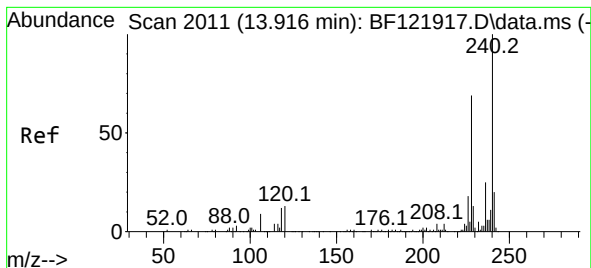
Tgt Ion:198 Resp: 282
Ion Ratio Lower Upper
198 100
51 225.1 29.6 69.6#
105 218.9 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 2.78 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.247 min
Lab File: BF121976.D
Acq: 15 Oct 2020 3:24

Tgt Ion:248 Resp: 11431
Ion Ratio Lower Upper
248 100
250 188.4 77.0 115.6#
141 443.8 53.7 80.5#

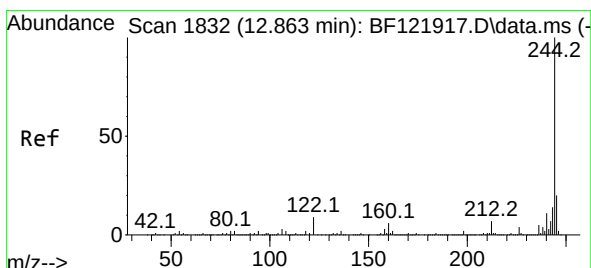
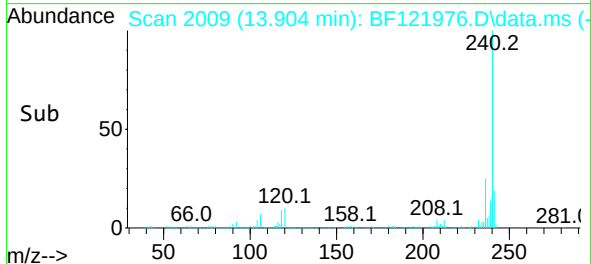
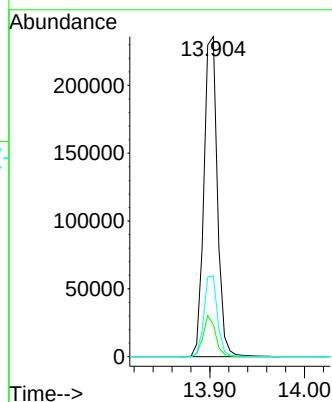
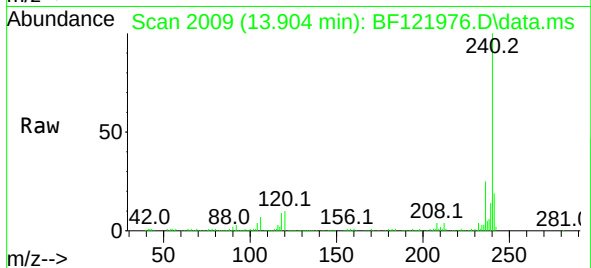




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF121976.D
Acq: 15 Oct 2020 3:24

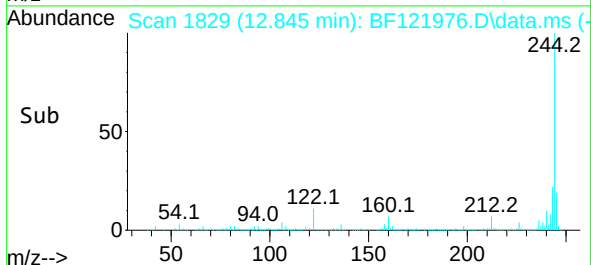
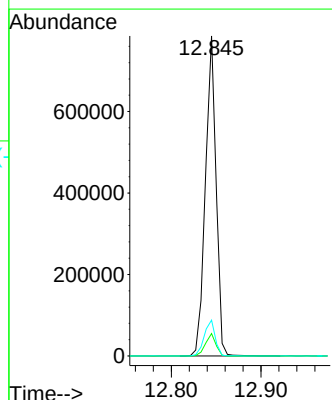
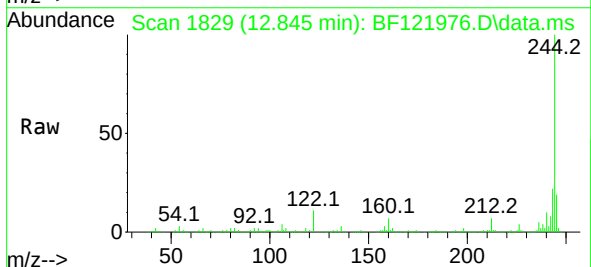
Instrument :
BNA_F
ClientSampled :
BG-2

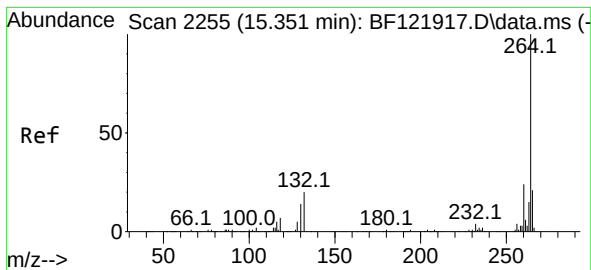
Tgt Ion:240 Resp: 232793
Ion Ratio Lower Upper
240 100
120 10.1 9.2 13.8
236 25.3 20.9 31.3



#79
Terphenyl-d14
Concen: 53.20 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.018 min
Lab File: BF121976.D
Acq: 15 Oct 2020 3:24

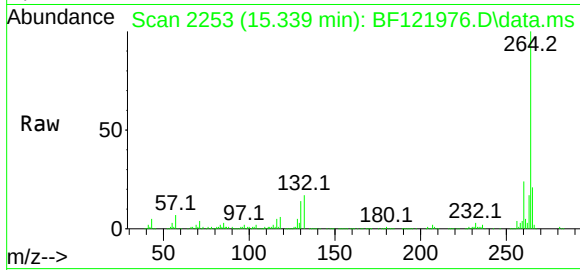
Tgt Ion:244 Resp: 649846
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.2 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.339 min Scan# 2253
 Delta R.T. -0.012 min
 Lab File: BF121976.D
 Acq: 15 Oct 2020 3:24

Instrument :
 BNA_F
 ClientSampleId :
 BG-2



Tgt Ion:264 Resp: 239928
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 20.6 17.3 25.9

