

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
 Data File : BF121974.D
 Acq On : 15 Oct 2020 2:21
 Operator : JU/CG
 Sample : L4388-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-3

Quant Time: Oct 15 04:57:24 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)

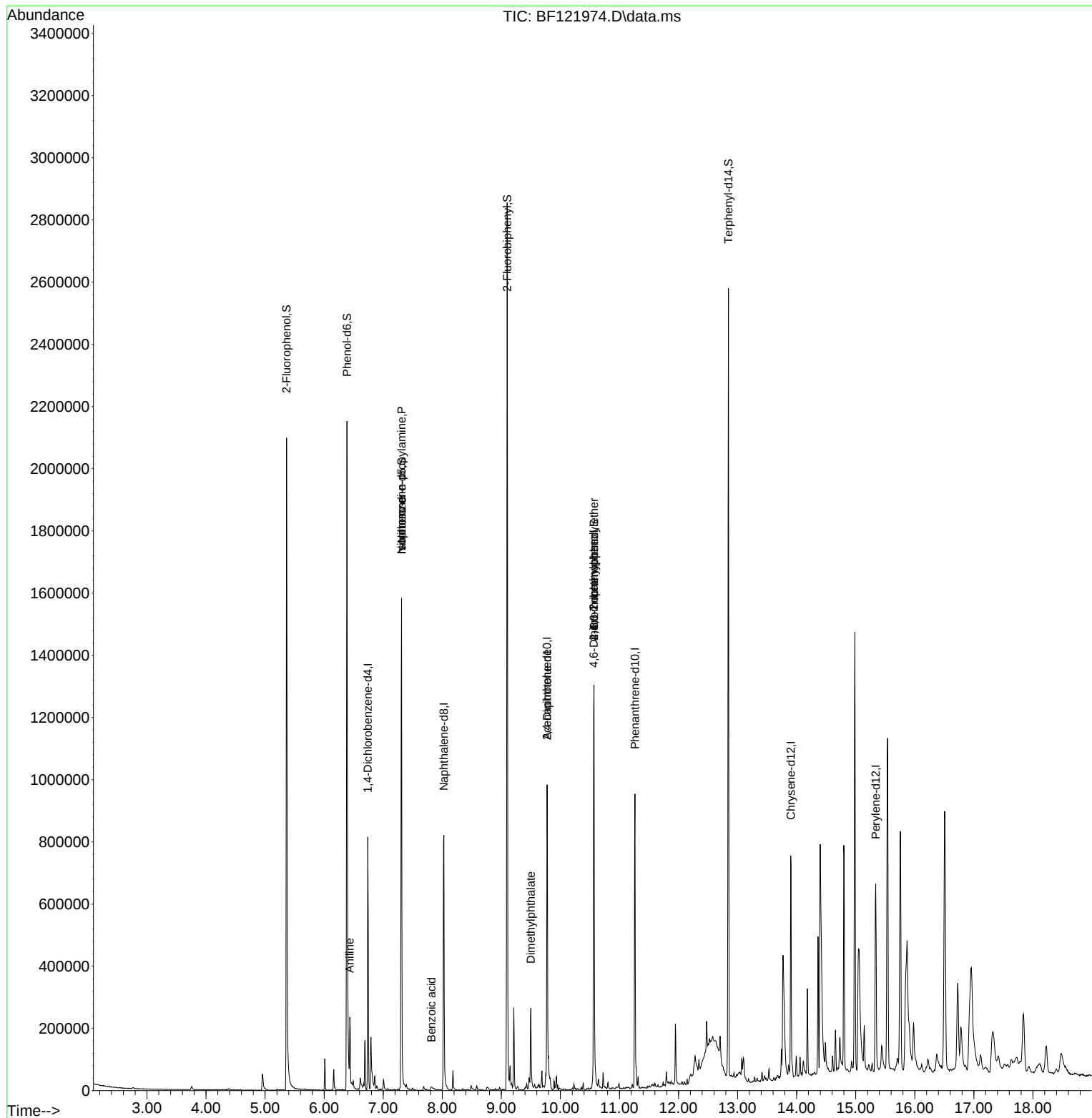
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	110286	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	425060	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	212220	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	352737	20.00	ng	-0.01
76) Chrysene-d12	13.904	240	247323	20.00	ng	-0.01
86) Perylene-d12	15.339	264	236546	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	613111	82.05	ng	0.00
7) Phenol-d6	6.387	99	771555	80.21	ng	-0.01
23) Nitrobenzene-d5	7.310	82	532449	64.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	192159	73.20	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	916420	63.54	ng	-0.01
79) Terphenyl-d14	12.845	244	726533	55.98	ng	-0.02
Target Compounds						Qvalue
6) Aniline	6.434	93	42036	3.55	ng	# 52
9) Benzaldehyde	6.322	77	619	Below	Cal	96
19) n-Nitroso-di-n-propyla...	7.310	70	71455	13.05	ng	# 78
25) Isophorone	7.310	82	524266	33.45	ng	# 67
32) Benzoic acid	7.816	122	8681	9.52	ng	94
50) Dimethylphthalate	9.498	163	119177	7.68	ng	99
57) 2,4-Dinitrotoluene	9.775	165	26933	6.43	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.563	198	297	4.55	ng	# 1
67) 4-Bromophenyl-phenylether	10.569	248	11365	2.79	ng	# 1

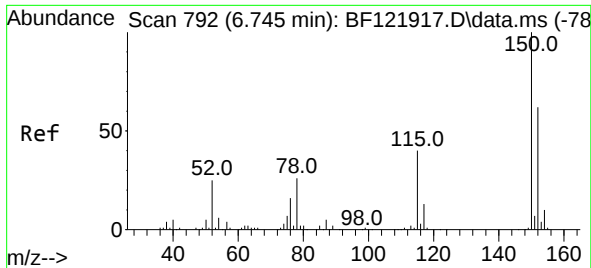
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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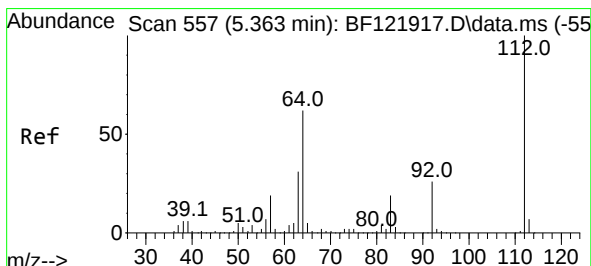
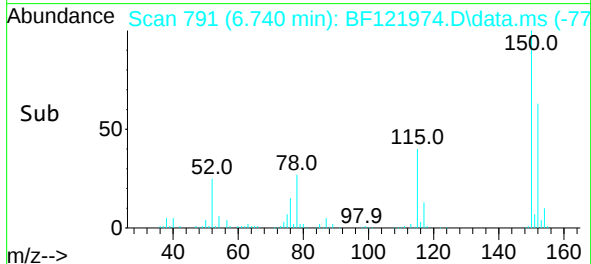
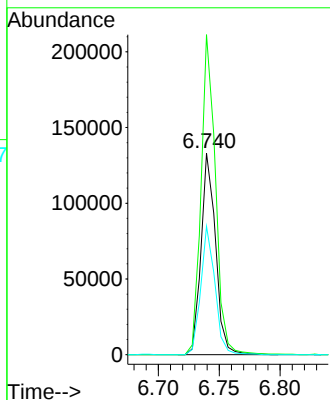
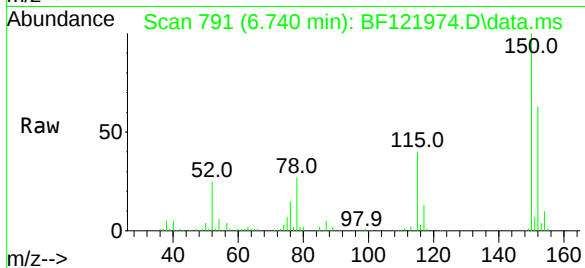




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF121974.D
Acq: 15 Oct 2020 2:21

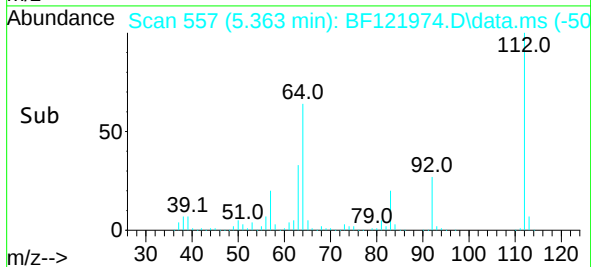
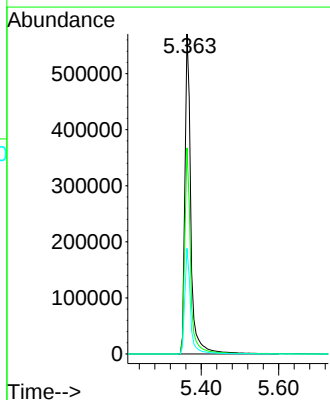
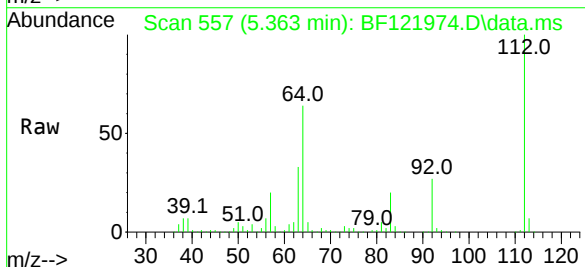
Instrument :
BNA_F
ClientSampled :
BG-3

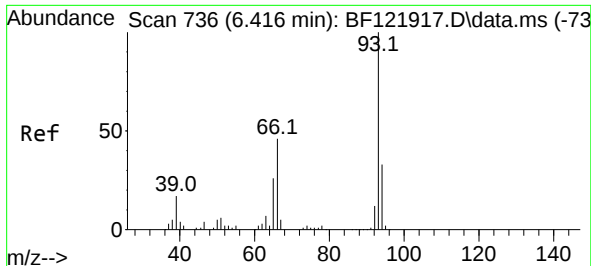
Tgt Ion:152 Resp: 110286
Ion Ratio Lower Upper
152 100
150 158.8 125.3 187.9
115 63.7 51.9 77.9



#5
2-Fluorophenol
Concen: 82.05 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF121974.D
Acq: 15 Oct 2020 2:21

Tgt Ion:112 Resp: 613111
Ion Ratio Lower Upper
112 100
64 64.4 50.4 75.6
63 33.0 25.8 38.6

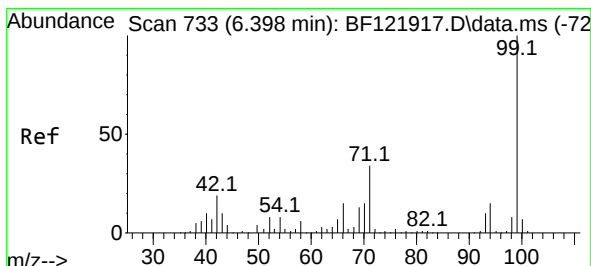
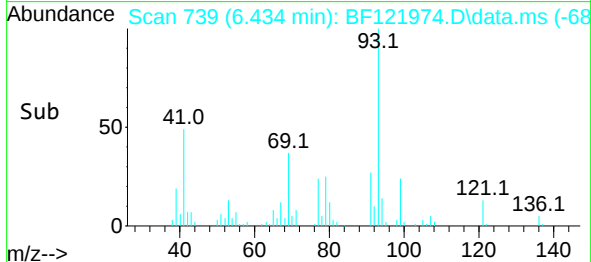
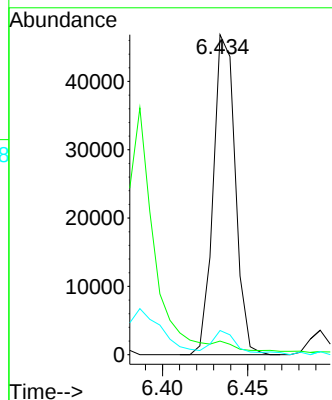
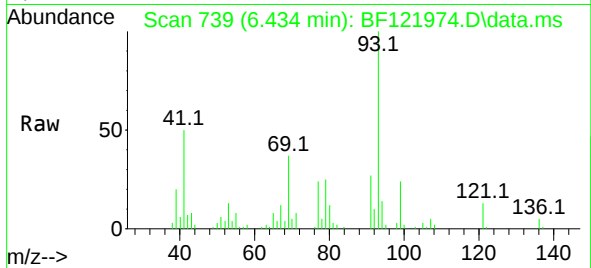




#6
Aniline
Concen: 3.55 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.018 min
Lab File: BF121974.D
Acq: 15 Oct 2020 2:21

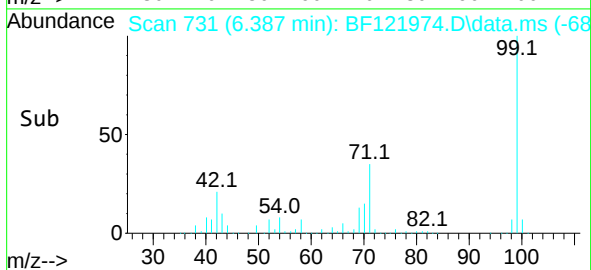
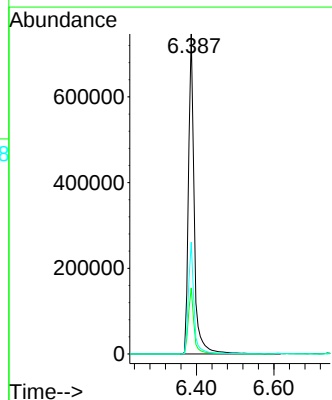
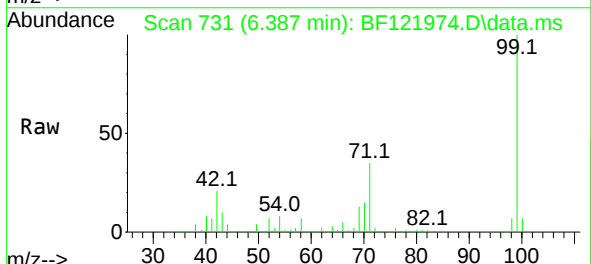
Instrument :
BNA_F
ClientSampled :
BG-3

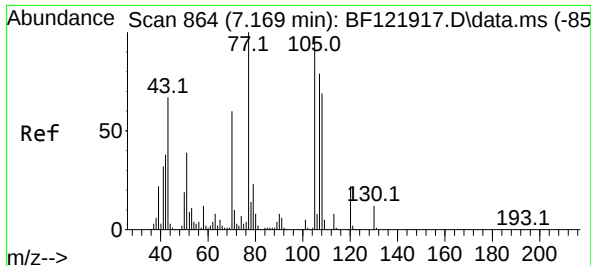
Tgt Ion: 93 Resp: 42036
Ion Ratio Lower Upper
93 100
66 4.3 32.7 49.1#
65 7.5 16.6 24.8#



#7
Phenol-d6
Concen: 80.21 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121974.D
Acq: 15 Oct 2020 2:21

Tgt Ion: 99 Resp: 771555
Ion Ratio Lower Upper
99 100
42 20.6 15.9 23.9
71 34.9 27.1 40.7

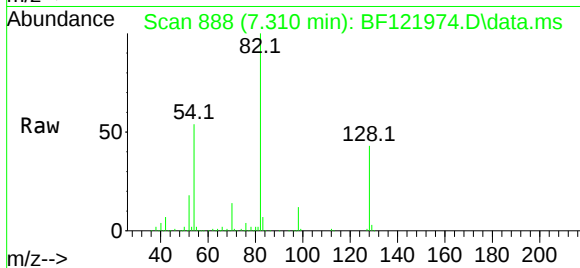




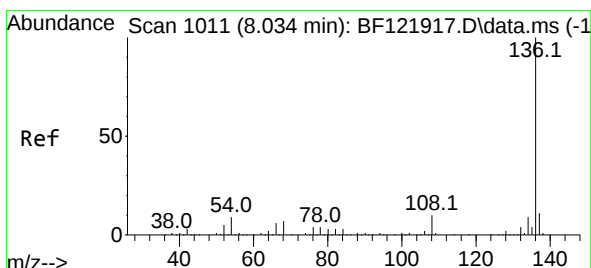
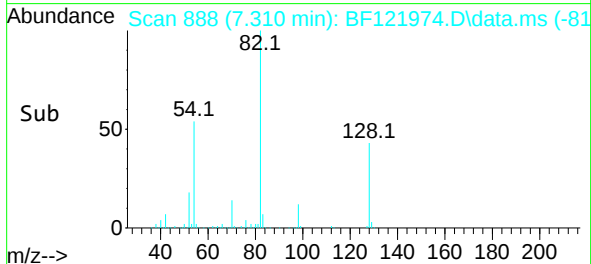
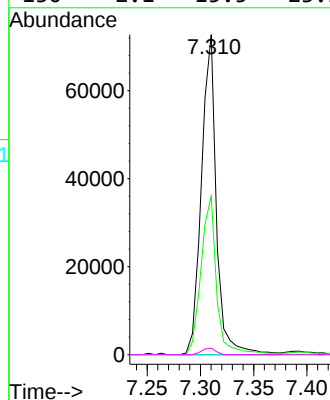
#19

n-Nitroso-di-n-propylamine
 Concen: 13.05 ng
 RT: 7.310 min Scan# 888
 Delta R.T. 0.141 min
 Lab File: BF121974.D
 Acq: 15 Oct 2020 2:21

Instrument :
 BNA_F
 ClientSampled :
 BG-3



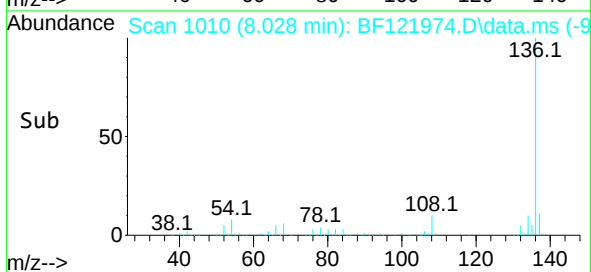
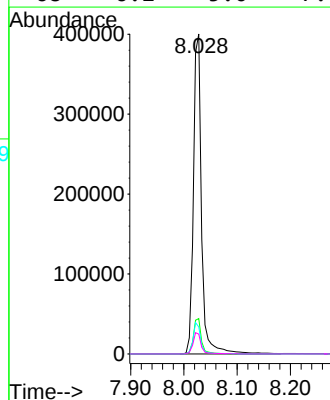
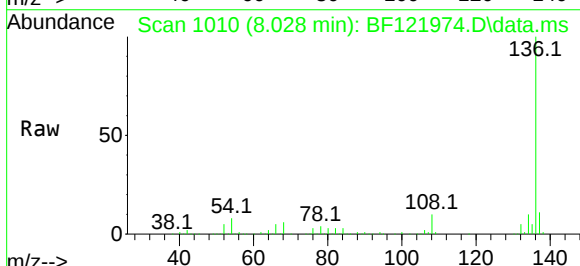
Tgt Ion: 70	Resp: 71455
Ion Ratio	Lower Upper
70	100
42	49.5 50.2 75.4#
101	0.0 7.5 11.3#
130	2.1 15.5 23.3#

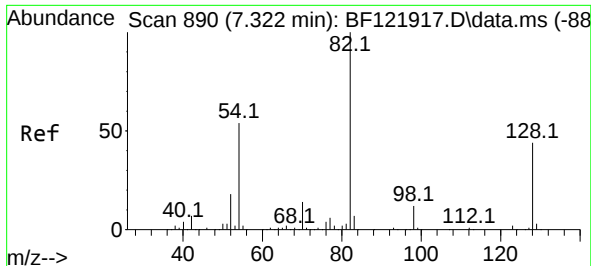


#21

Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.028 min Scan# 1010
 Delta R.T. -0.006 min
 Lab File: BF121974.D
 Acq: 15 Oct 2020 2:21

Tgt Ion: 136	Resp: 425060
Ion Ratio	Lower Upper
136	100
137	11.0 8.6 13.0
54	8.4 7.1 10.7
68	6.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 64.24 ng

RT: 7.310 min Scan# 888

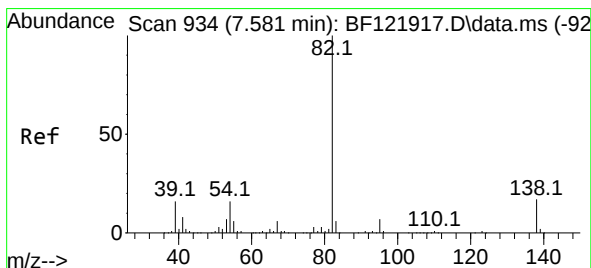
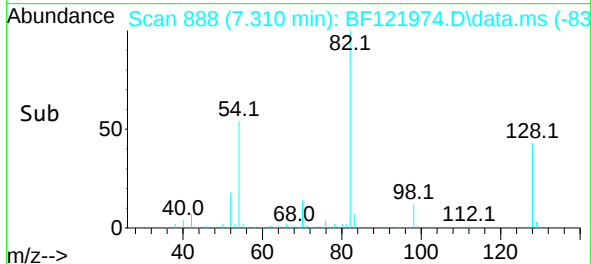
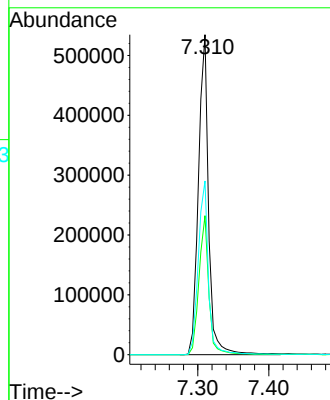
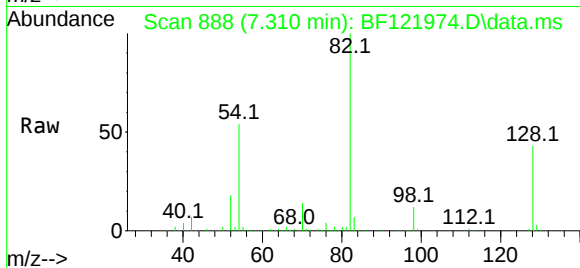
Delta R.T. -0.012 min

Lab File: BF121974.D

Acq: 15 Oct 2020 2:21

Tgt Ion: 82 Resp: 532449

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.0	52.4
54	54.3	43.9	65.9



#25

Isophorone

Concen: 33.45 ng

RT: 7.310 min Scan# 888

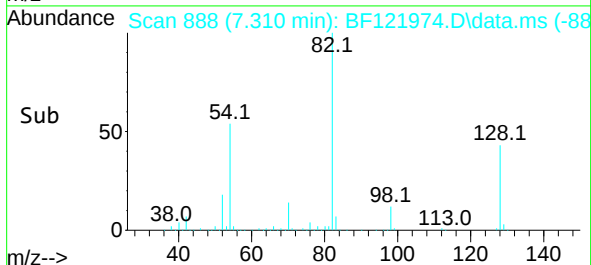
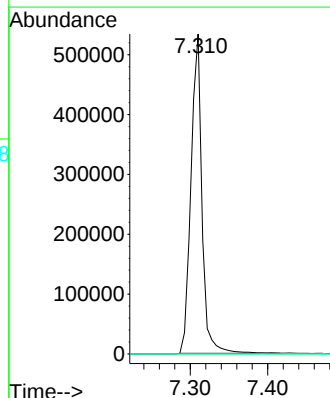
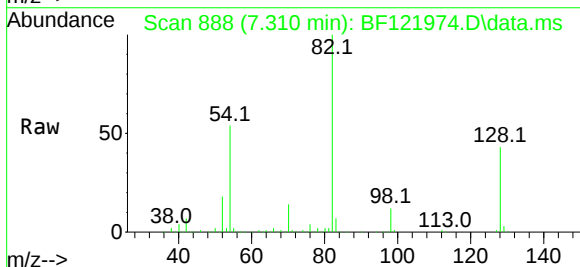
Delta R.T. -0.271 min

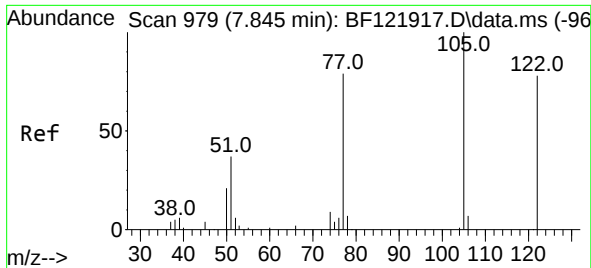
Lab File: BF121974.D

Acq: 15 Oct 2020 2:21

Tgt Ion: 82 Resp: 524266

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#

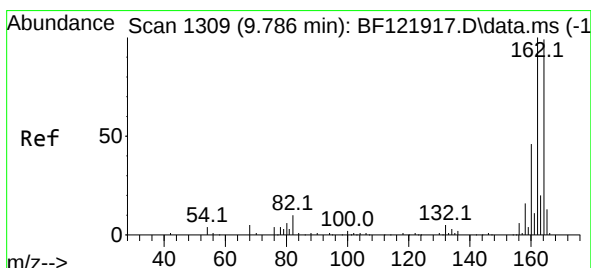
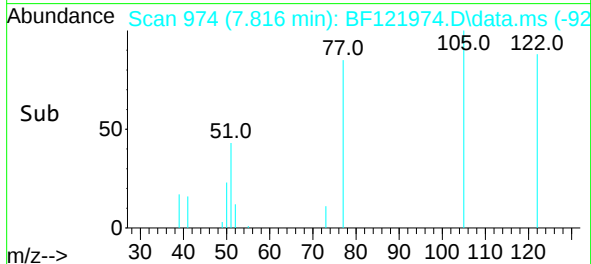
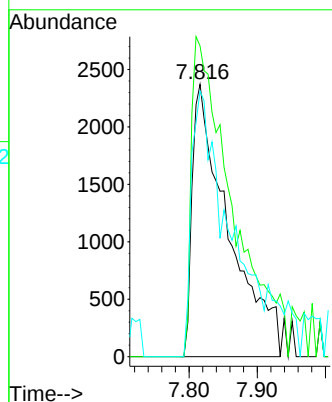
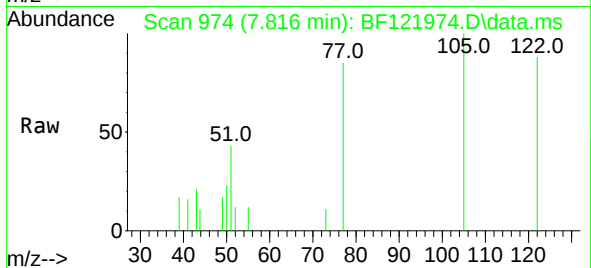




#32
Benzoic acid
Concen: 9.52 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.029 min
Lab File: BF121974.D
Acq: 15 Oct 2020 2:21

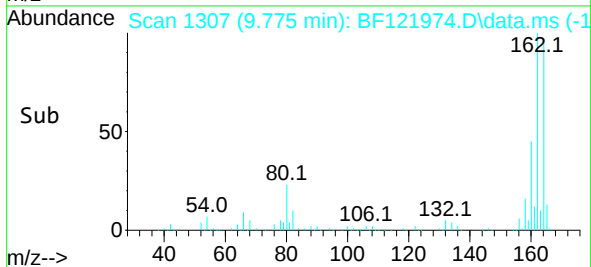
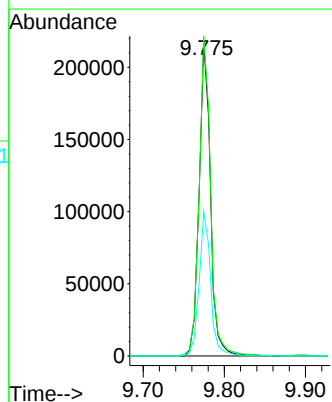
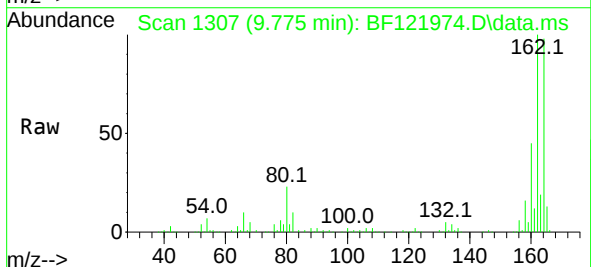
Instrument :
BNA_F
ClientSampleId :
BG-3

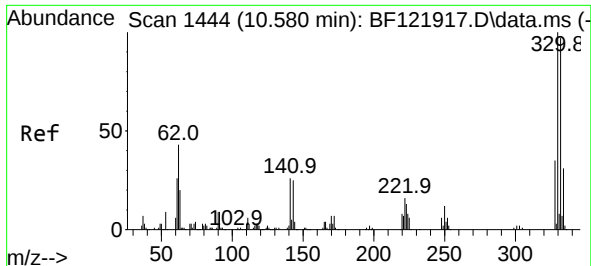
Tgt Ion:122 Resp: 8681
Ion Ratio Lower Upper
122 100
105 114.1 103.3 143.3
77 97.5 73.9 113.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BF121974.D
Acq: 15 Oct 2020 2:21

Tgt Ion:164 Resp: 212220
Ion Ratio Lower Upper
164 100
162 102.1 83.2 124.8
160 46.1 37.5 56.3

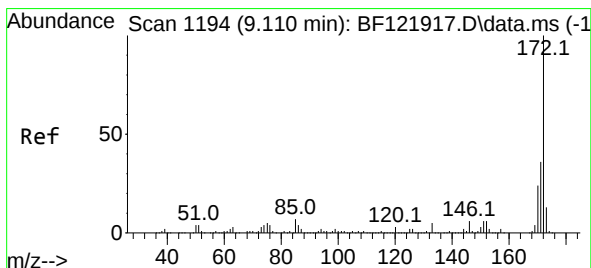
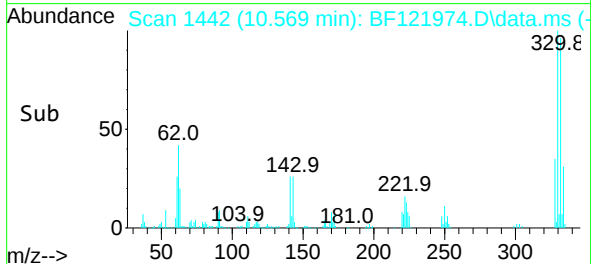
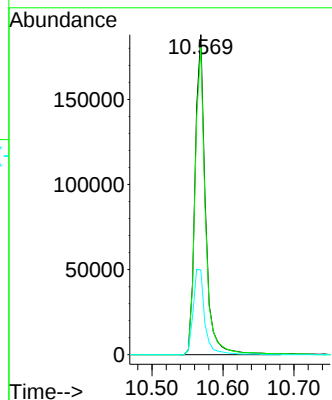
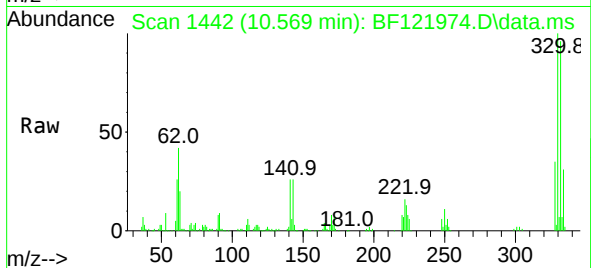




#42
2,4,6-Tribromophenol
Concen: 73.20 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121974.D
Acq: 15 Oct 2020 2:21

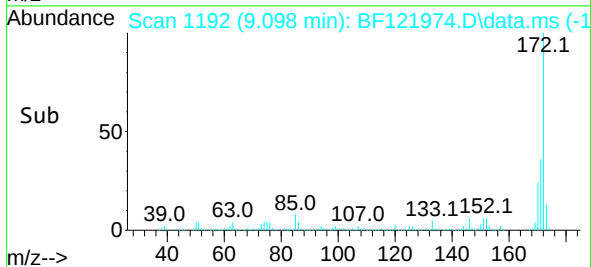
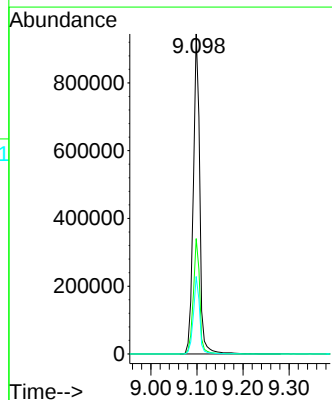
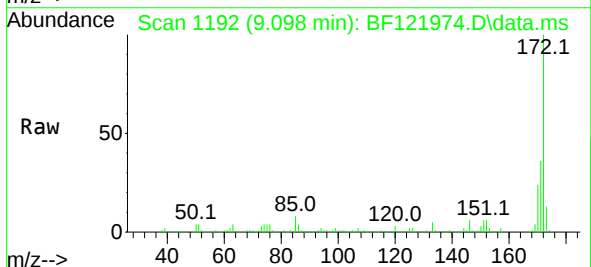
Instrument :
BNA_F
ClientSampleId :
BG-3

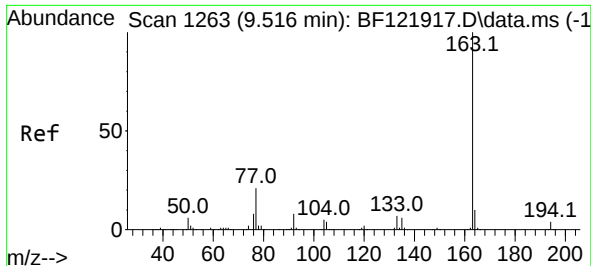
Tgt Ion: 330 Resp: 192159
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 29.8 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 63.54 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF121974.D
Acq: 15 Oct 2020 2:21

Tgt Ion: 172 Resp: 916420
Ion Ratio Lower Upper
172 100
171 36.1 29.1 43.7
170 24.2 19.8 29.6

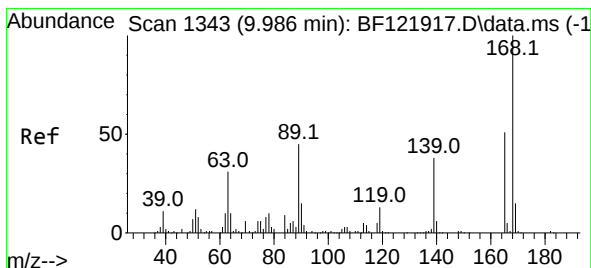
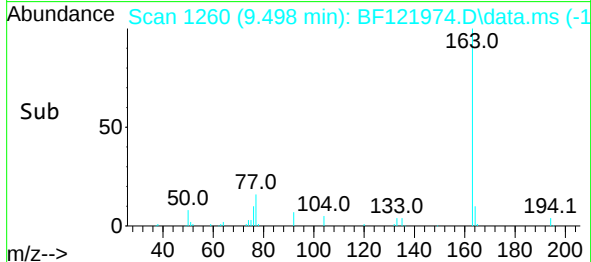
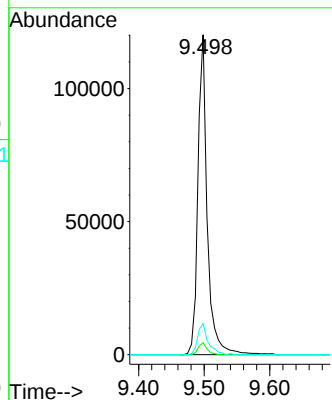
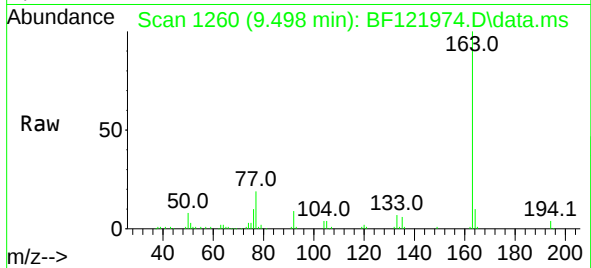




#50
Dimethylphthalate
Concen: 7.68 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.018 min
Lab File: BF121974.D
Acq: 15 Oct 2020 2:21

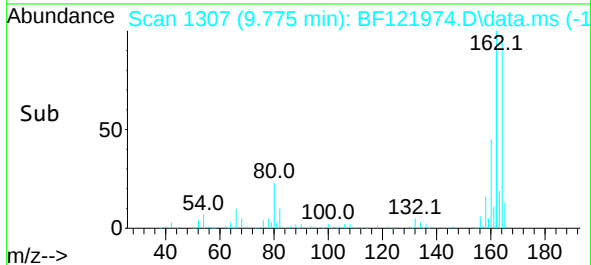
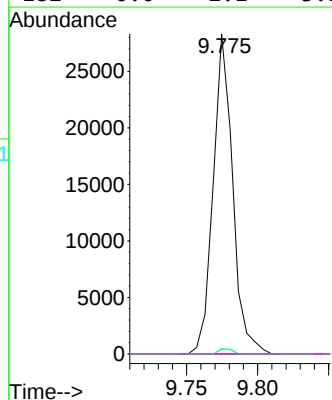
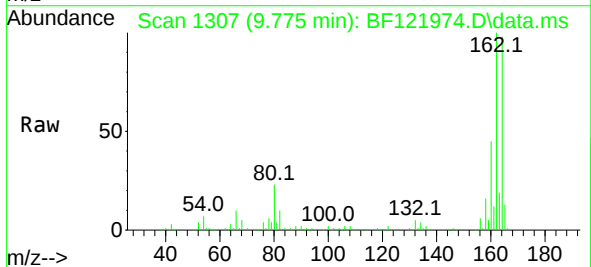
Instrument :
BNA_F
ClientSampled :
BG-3

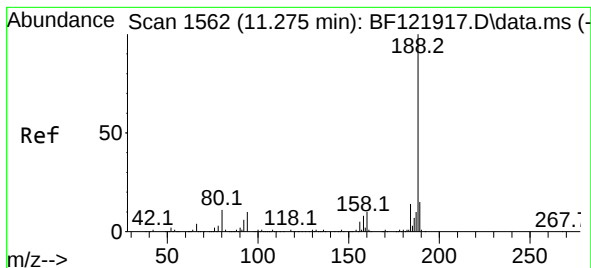
Tgt Ion:163 Resp: 119177
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 9.7 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.43 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF121974.D
Acq: 15 Oct 2020 2:21

Tgt Ion:165 Resp: 26933
Ion Ratio Lower Upper
165 100
63 1.5 41.3 61.9#
89 1.6 61.8 92.8#
182 0.0 2.1 3.1#

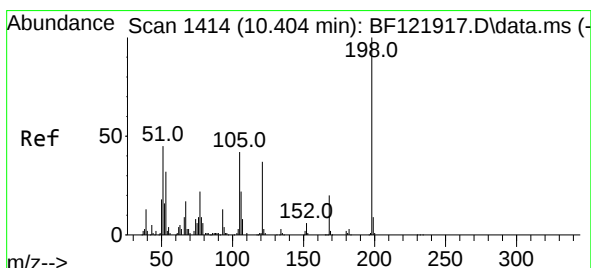
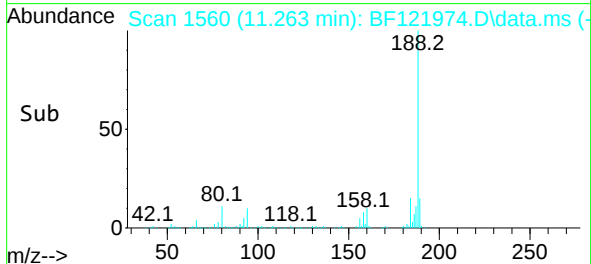
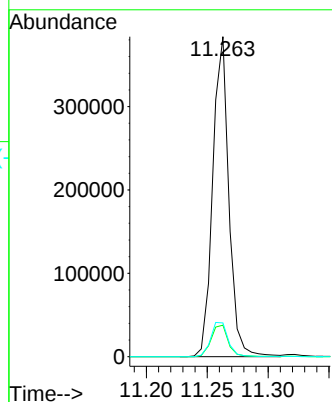
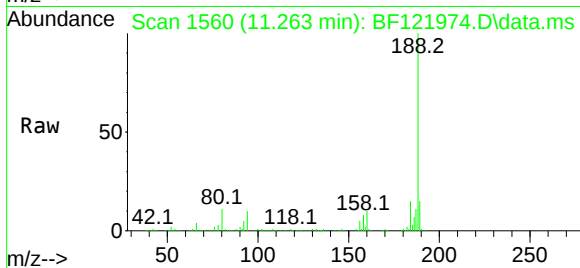




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121974.D
Acq: 15 Oct 2020 2:21

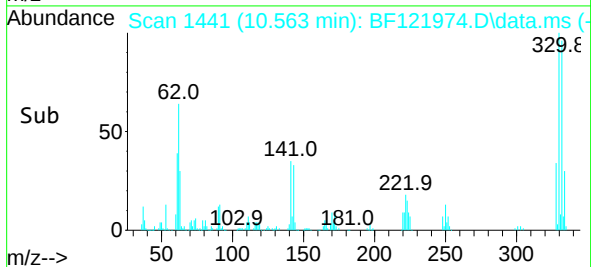
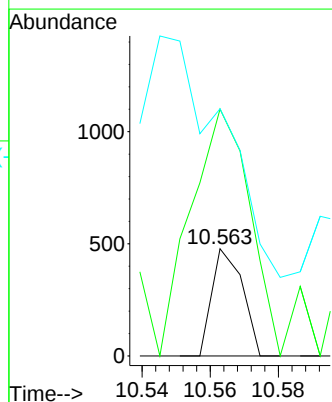
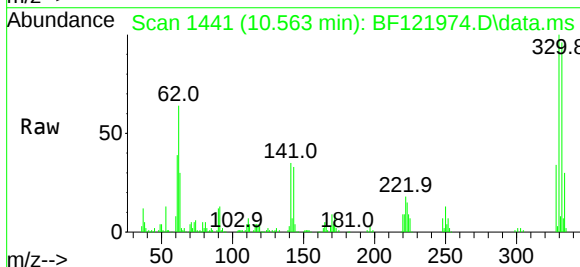
Instrument :
BNA_F
ClientSampled :
BG-3

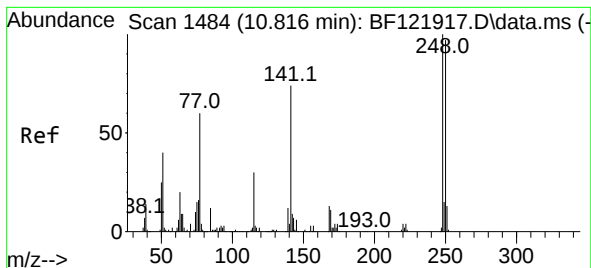
Tgt Ion:188 Resp: 352737
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.5 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.55 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.159 min
Lab File: BF121974.D
Acq: 15 Oct 2020 2:21

Tgt Ion:198 Resp: 297
Ion Ratio Lower Upper
198 100
51 230.3 29.6 69.6#
105 230.5 24.4 64.4#

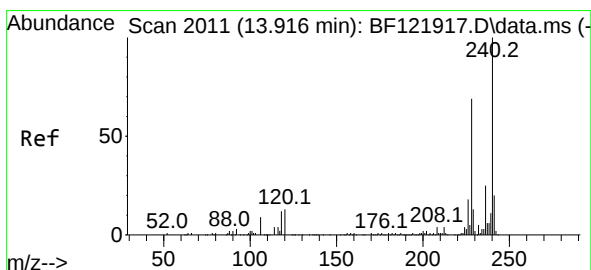
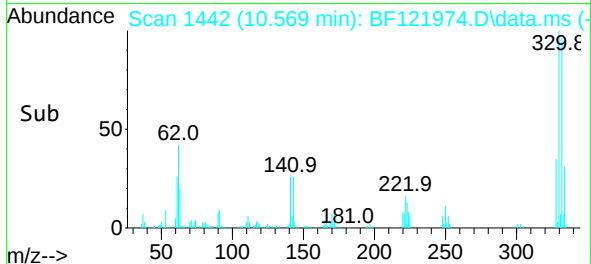
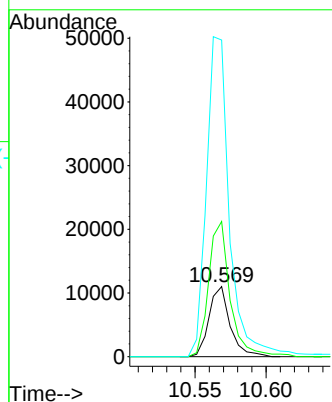
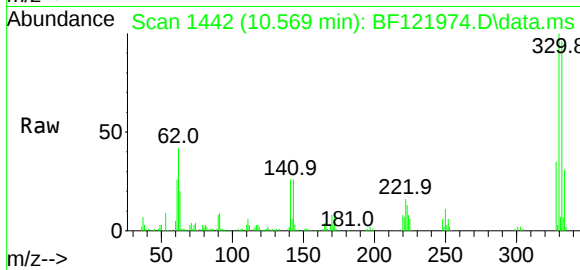




#67
4-Bromophenyl-phenylether
Concen: 2.79 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.247 min
Lab File: BF121974.D
Acq: 15 Oct 2020 2:21

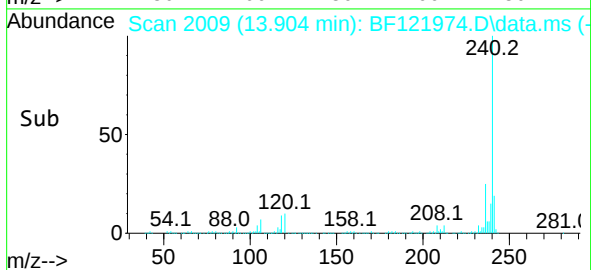
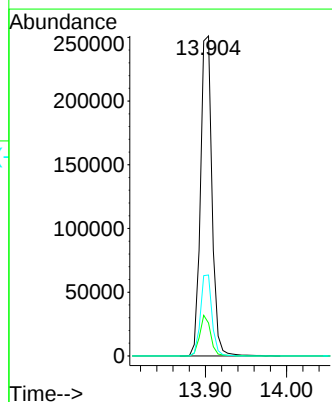
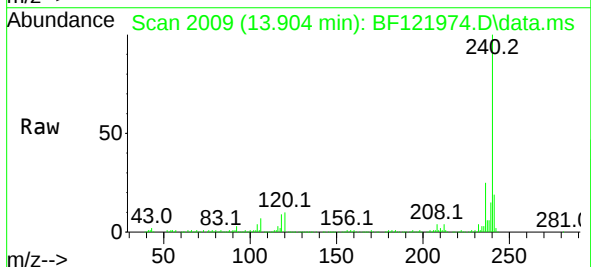
Instrument :
BNA_F
ClientSampled :
BG-3

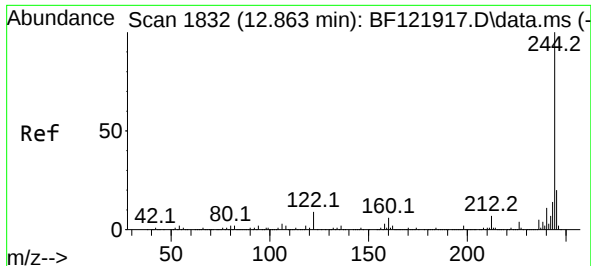
Tgt Ion:248 Resp: 11365
Ion Ratio Lower Upper
248 100
250 193.2 77.0 115.6#
141 452.3 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF121974.D
Acq: 15 Oct 2020 2:21

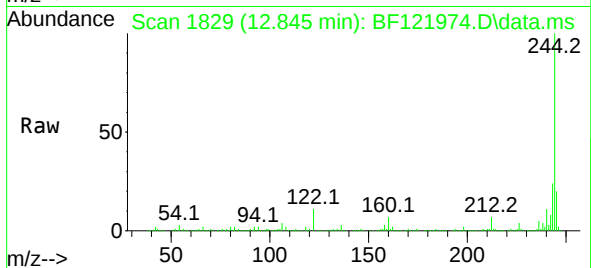
Tgt Ion:240 Resp: 247323
Ion Ratio Lower Upper
240 100
120 10.3 9.2 13.8
236 25.3 20.9 31.3



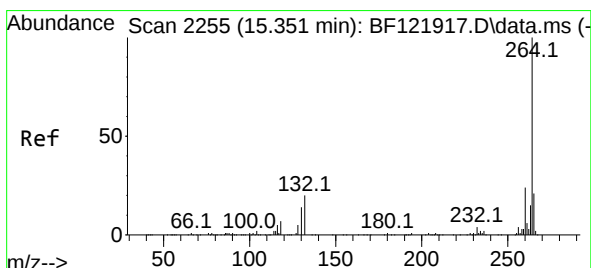
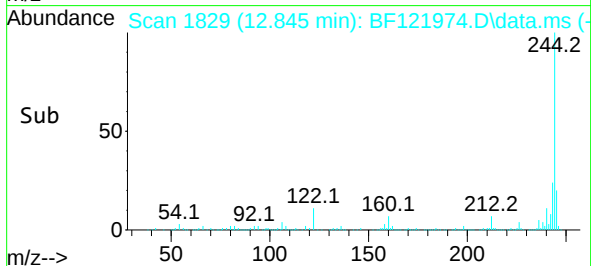
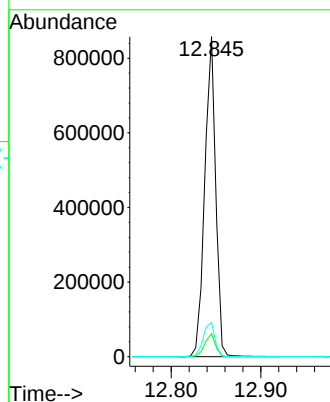


#79
 Terphenyl-d14
 Concen: 55.98 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. -0.018 min
 Lab File: BF121974.D
 Acq: 15 Oct 2020 2:21

Instrument :
 BNA_F
 ClientSampleId :
 BG-3



Tgt Ion:244 Resp: 726533
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.7 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: BF121974.D
 Acq: 15 Oct 2020 2:21

Tgt Ion:264 Resp: 236546
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 21.2 17.3 25.9

