

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
 Data File : BF121975.D
 Acq On : 15 Oct 2020 2:53
 Operator : JU/CG
 Sample : L4388-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-1

Quant Time: Oct 15 04:57:41 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)

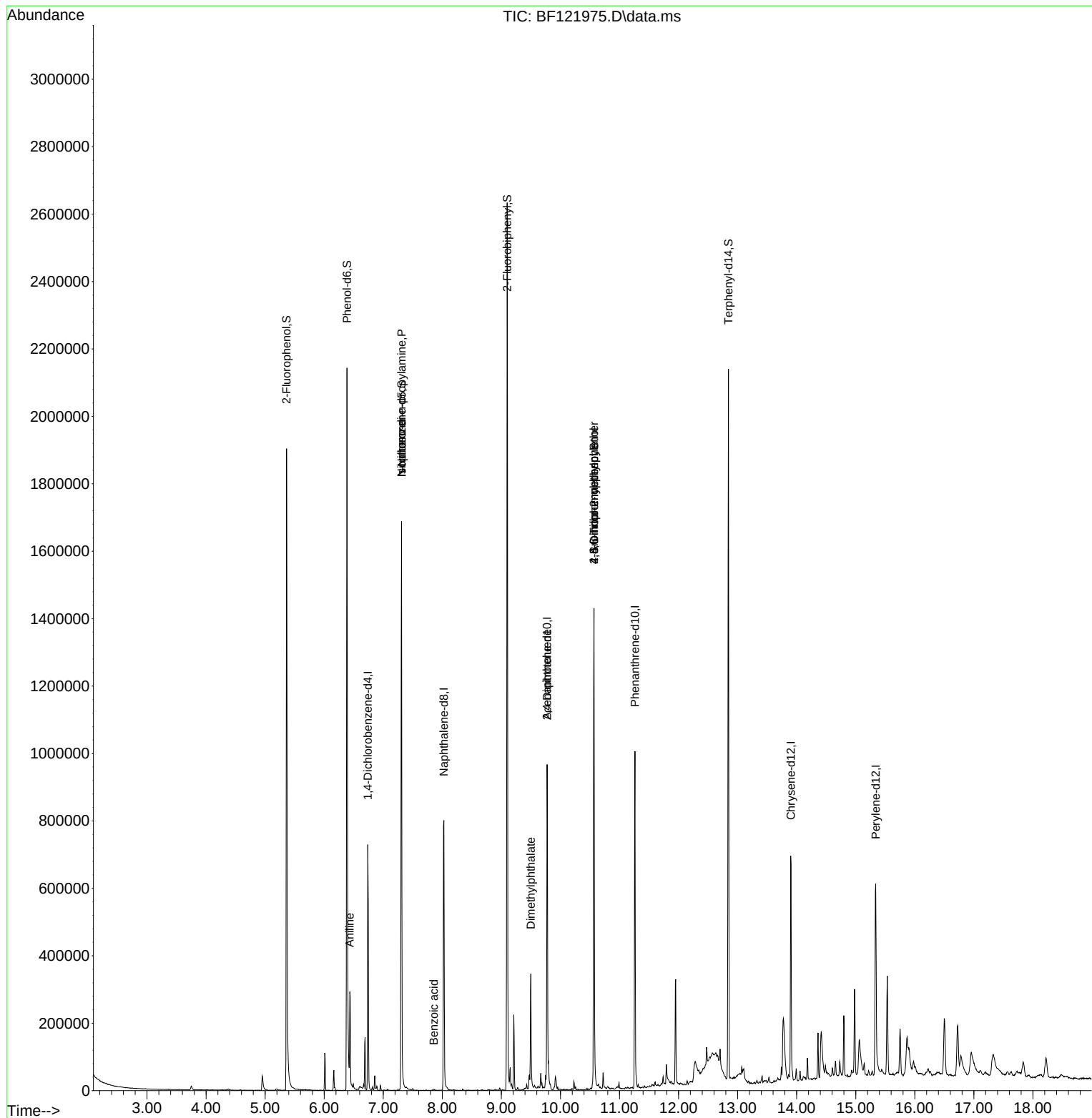
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	103882	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	403856	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	203114	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	357817	20.00	ng	-0.01
76) Chrysene-d12	13.904	240	237894	20.00	ng	-0.01
86) Perylene-d12	15.339	264	237453	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	557889	79.26	ng	0.00
7) Phenol-d6	6.387	99	763016	84.21	ng	-0.01
23) Nitrobenzene-d5	7.310	82	553522	70.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	190262	75.72	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	857697	62.13	ng	-0.01
79) Terphenyl-d14	12.845	244	627857	50.30	ng	-0.02
Target Compounds						Qvalue
6) Aniline	6.434	93	54611	4.89	ng	# 50
9) Benzaldehyde	6.387	77	1600	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.310	70	73119	14.17	ng	# 78
25) Isophorone	7.310	82	547363	36.76	ng	# 67
32) Benzoic acid	7.857	122	253	7.74	ng	# 38
50) Dimethylphthalate	9.498	163	151609	10.21	ng	# 99
57) 2,4-Dinitrotoluene	9.775	165	25319	6.31	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.569	198	265	4.53	ng	# 1
67) 4-Bromophenyl-phenylether	10.569	248	11453	2.77	ng	# 1

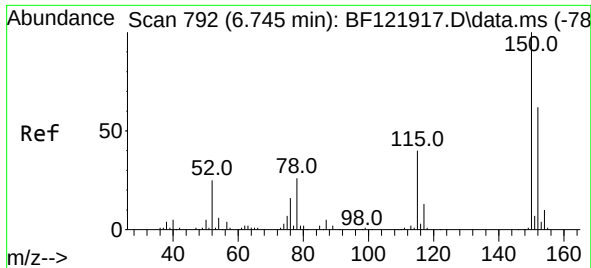
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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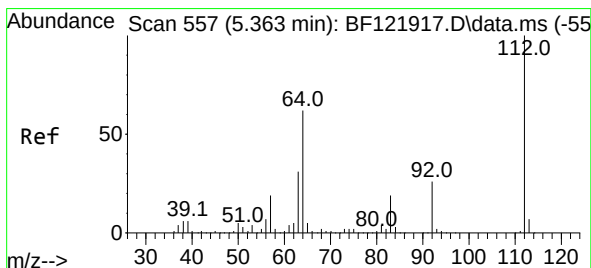
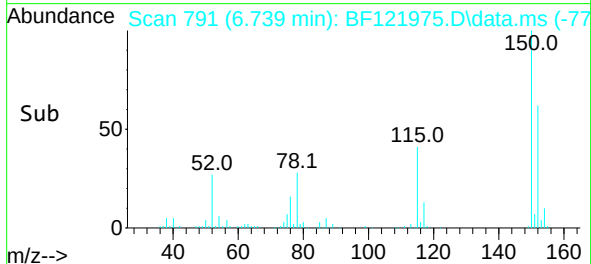
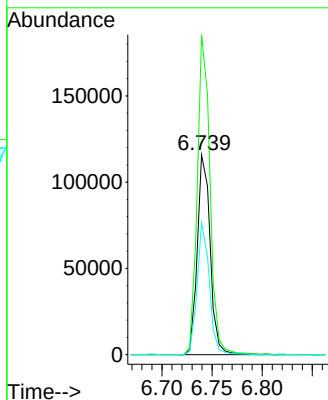
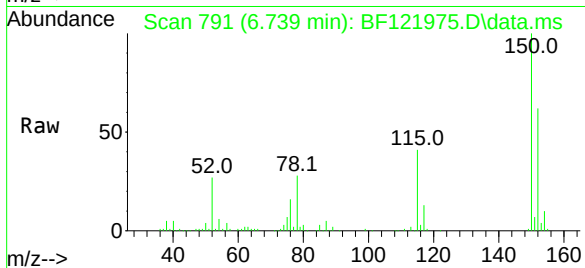




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF121975.D
Acq: 15 Oct 2020 2:53

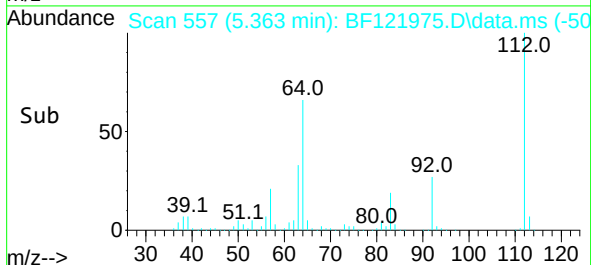
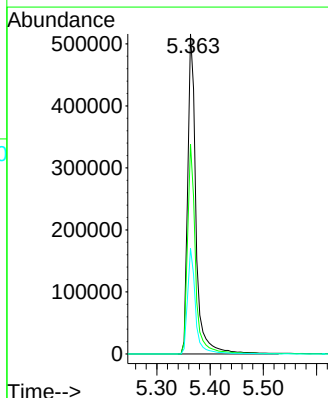
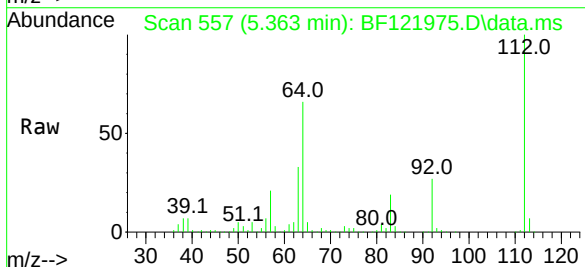
Instrument :
BNA_F
ClientSampleId :
BG-1

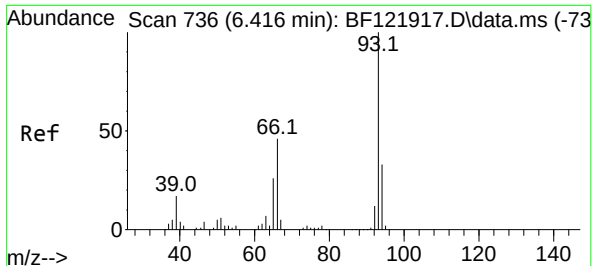
Tgt Ion:152 Resp: 103882
Ion Ratio Lower Upper
152 100
150 160.1 125.3 187.9
115 65.9 51.9 77.9



#5
2-Fluorophenol
Concen: 79.26 ng
RT: 5.363 min Scan# 557
Delta R.T. -0.000 min
Lab File: BF121975.D
Acq: 15 Oct 2020 2:53

Tgt Ion:112 Resp: 557889
Ion Ratio Lower Upper
112 100
64 65.6 50.4 75.6
63 32.9 25.8 38.6

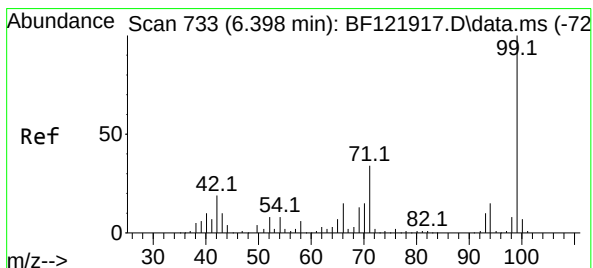
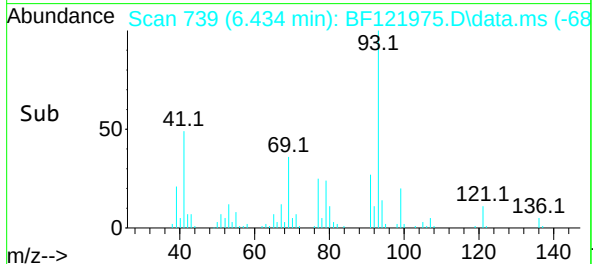
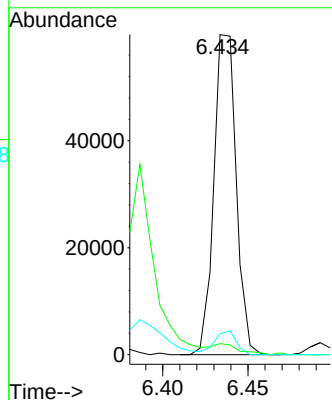
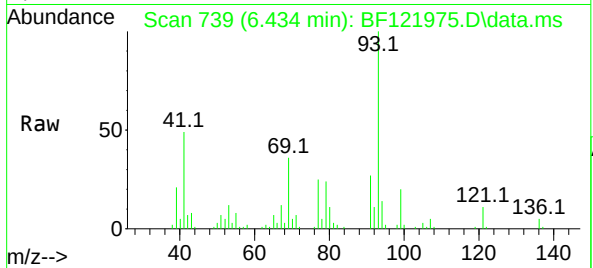




#6
Aniline
Concen: 4.89 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.018 min
Lab File: BF121975.D
Acq: 15 Oct 2020 2:53

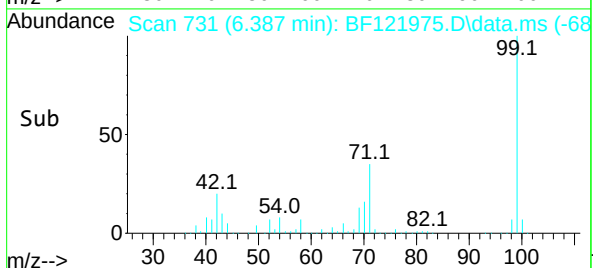
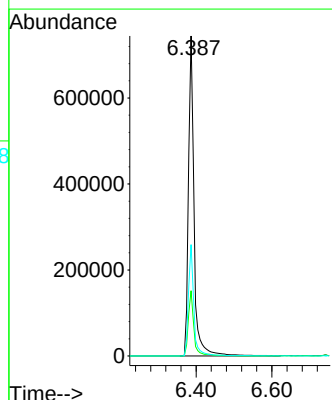
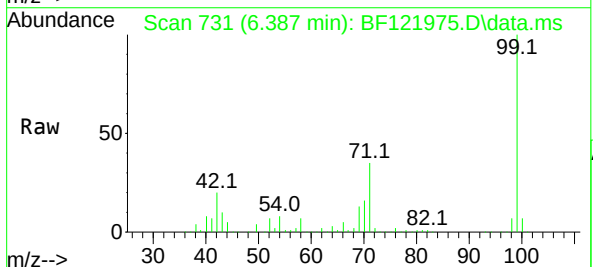
Instrument :
BNA_F
ClientSampleId :
BG-1

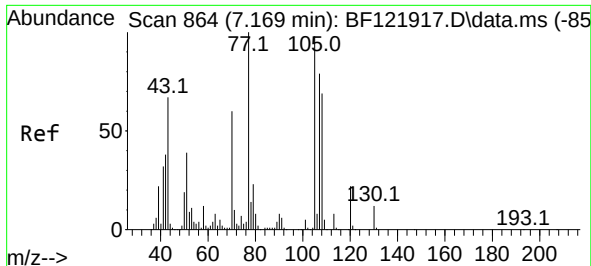
Tgt Ion: 93 Resp: 54611
Ion Ratio Lower Upper
93 100
66 3.5 32.7 49.1#
65 6.5 16.6 24.8#



#7
Phenol-d6
Concen: 84.21 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121975.D
Acq: 15 Oct 2020 2:53

Tgt Ion: 99 Resp: 763016
Ion Ratio Lower Upper
99 100
42 20.4 15.9 23.9
71 34.8 27.1 40.7

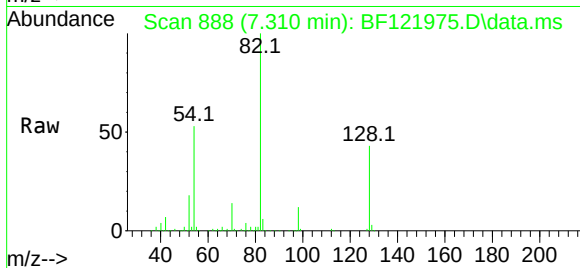




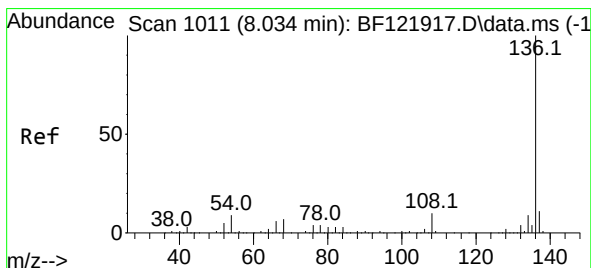
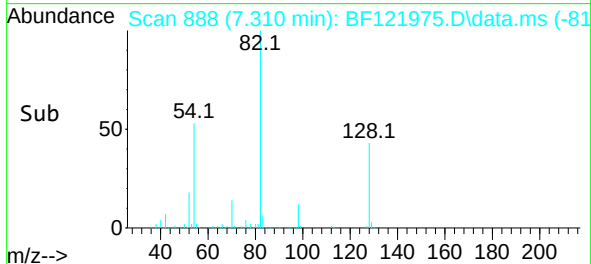
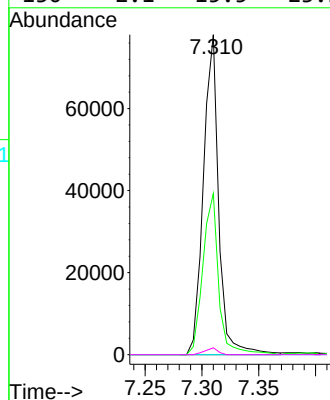
#19

n-Nitroso-di-n-propylamine
Concen: 14.17 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.141 min
Lab File: BF121975.D
Acq: 15 Oct 2020 2:53

Instrument :
BNA_F
ClientSampleId :
BG-1

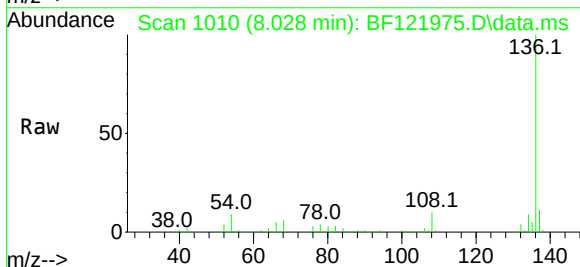


Tgt Ion:	70	Resp:	73119
Ion Ratio	Lower	Upper	
70	100		
42	50.4	50.2	75.4
101	0.0	7.5	11.3#
130	2.1	15.5	23.3#

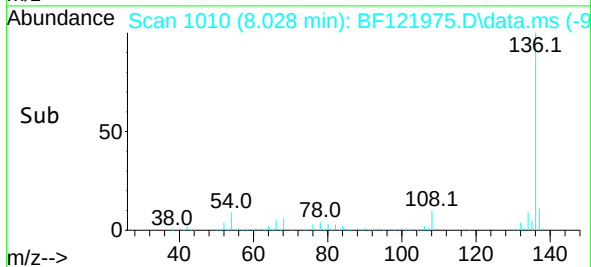
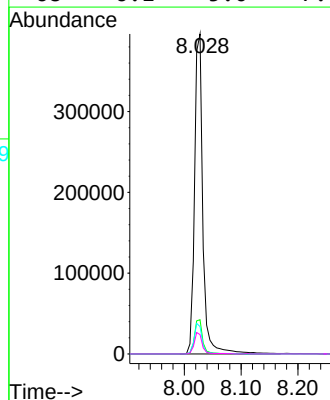


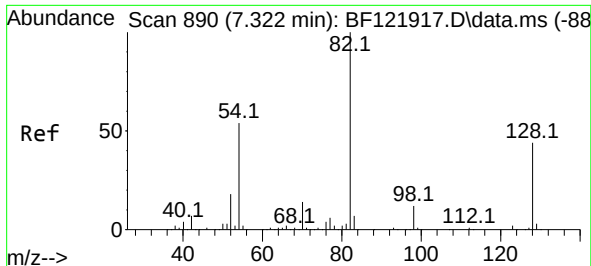
#21

Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121975.D
Acq: 15 Oct 2020 2:53



Tgt Ion:	136	Resp:	403856
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	8.5	7.1	10.7
68	6.1	5.0	7.4





#23

Nitrobenzene-d5

Concen: 70.29 ng

RT: 7.310 min Scan# 888

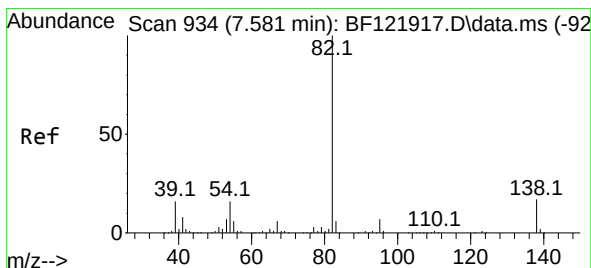
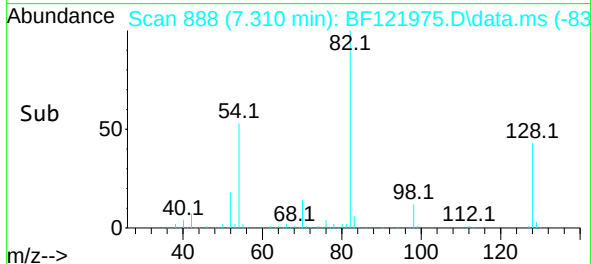
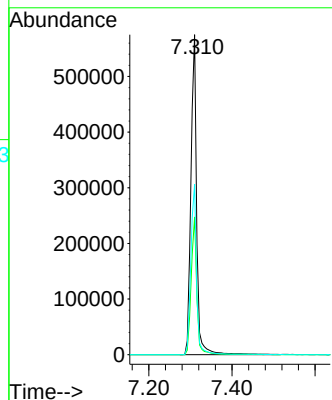
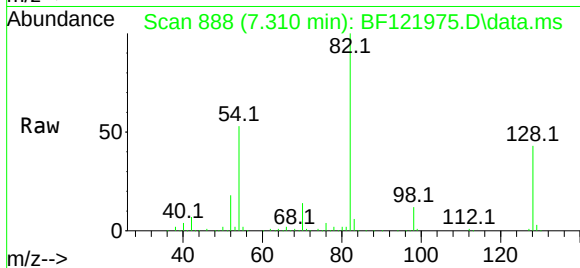
Delta R.T. -0.012 min

Lab File: BF121975.D

Acq: 15 Oct 2020 2:53

Tgt Ion: 82 Resp: 553522

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.0	52.4
54	53.2	43.9	65.9



#25

Isophorone

Concen: 36.76 ng

RT: 7.310 min Scan# 888

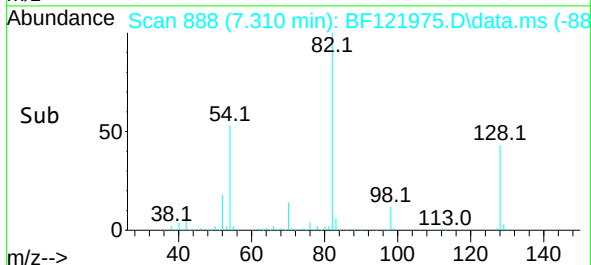
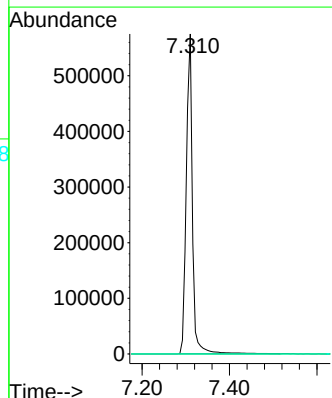
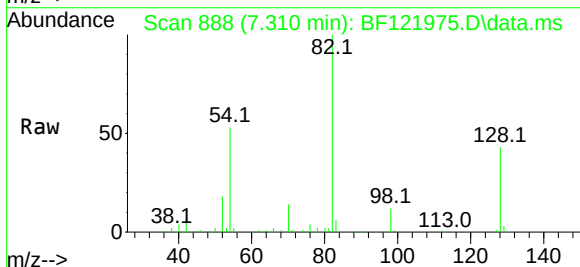
Delta R.T. -0.271 min

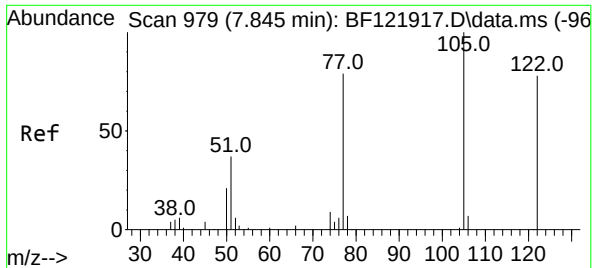
Lab File: BF121975.D

Acq: 15 Oct 2020 2:53

Tgt Ion: 82 Resp: 547363

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

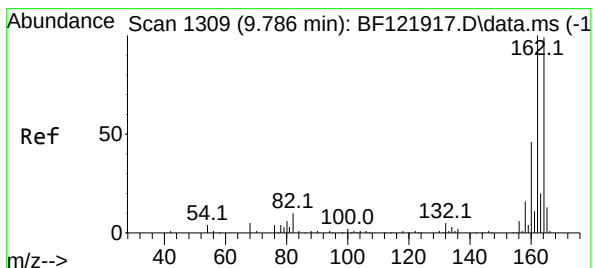
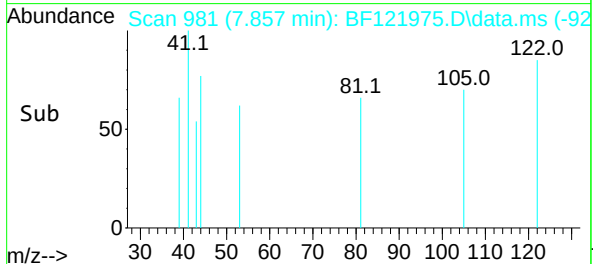
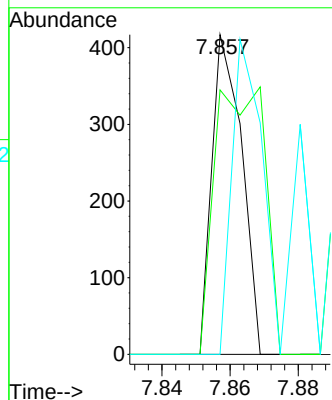
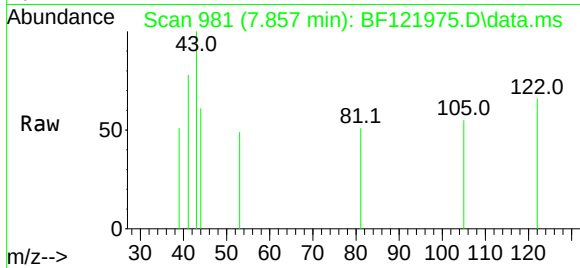




#32
Benzoic acid
Concen: 7.74 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.012 min
Lab File: BF121975.D
Acq: 15 Oct 2020 2:53

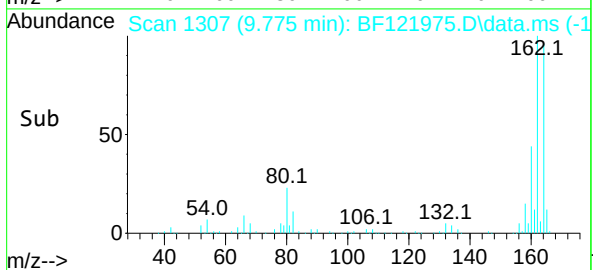
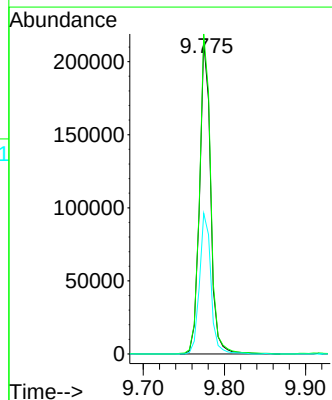
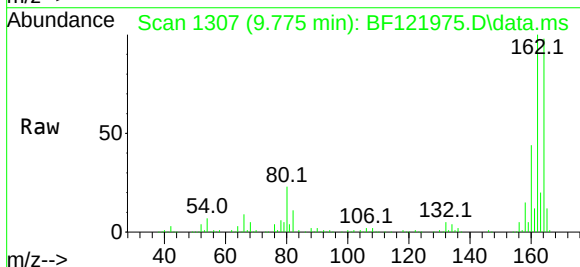
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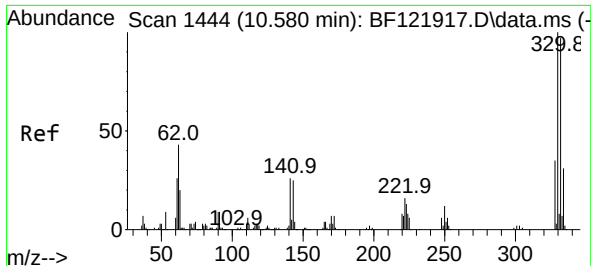
Tgt Ion:122 Resp: 253
Ion Ratio Lower Upper
122 100
105 82.7 103.3 143.3#
77 0.0 73.9 113.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BF121975.D
Acq: 15 Oct 2020 2:53

Tgt Ion:164 Resp: 203114
Ion Ratio Lower Upper
164 100
162 102.5 83.2 124.8
160 45.0 37.5 56.3

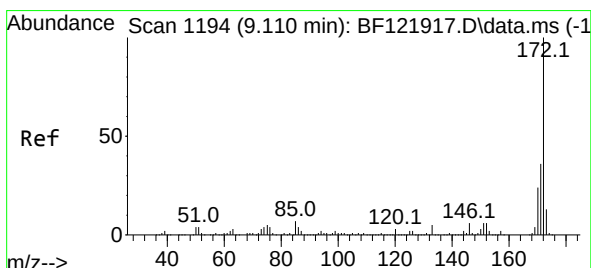
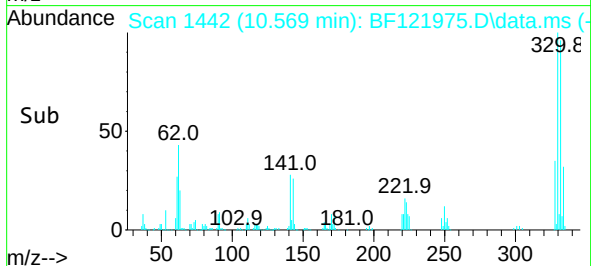
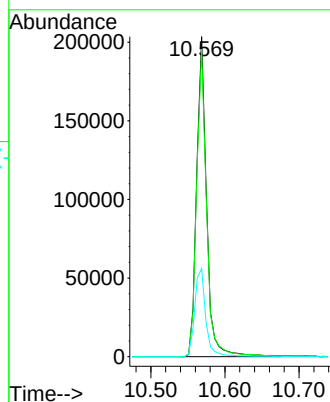
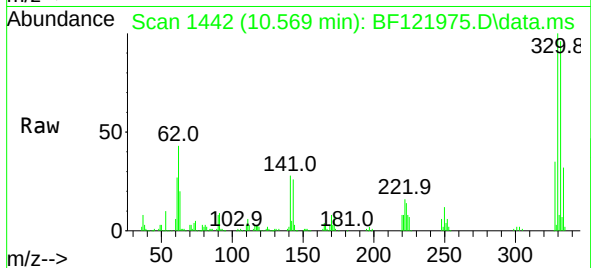




#42
2,4,6-Tribromophenol
Concen: 75.72 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121975.D
Acq: 15 Oct 2020 2:53

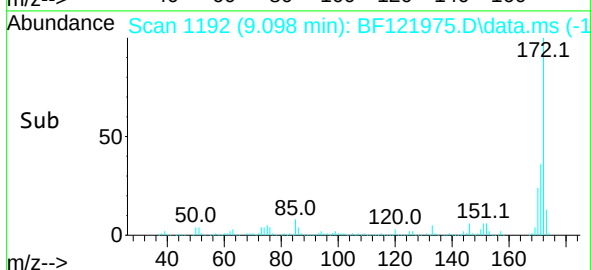
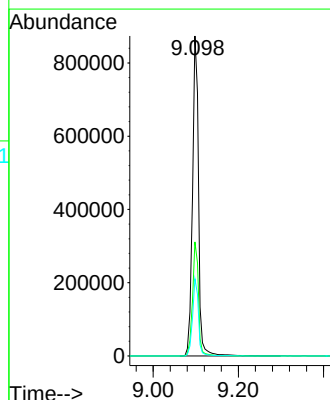
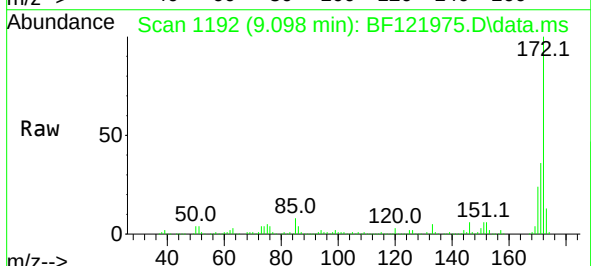
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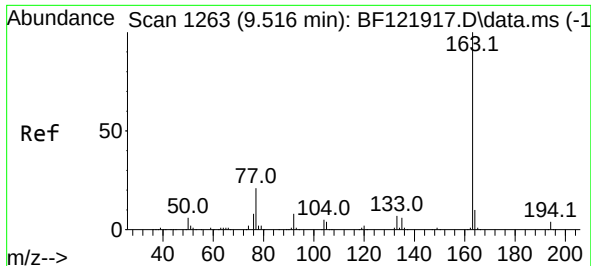
Tgt Ion:330 Resp: 190262
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 30.7 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 62.13 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF121975.D
Acq: 15 Oct 2020 2:53

Tgt Ion:172 Resp: 857697
Ion Ratio Lower Upper
172 100
171 35.6 29.1 43.7
170 24.2 19.8 29.6

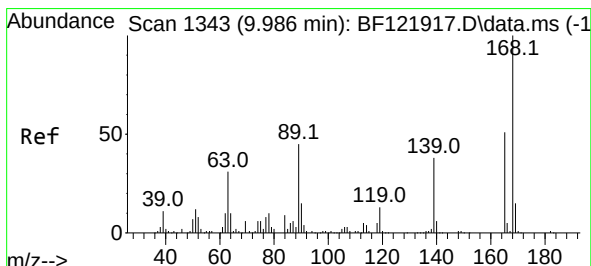
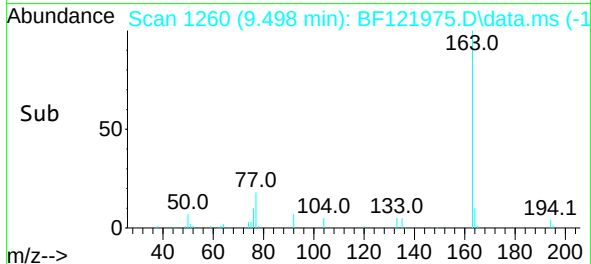
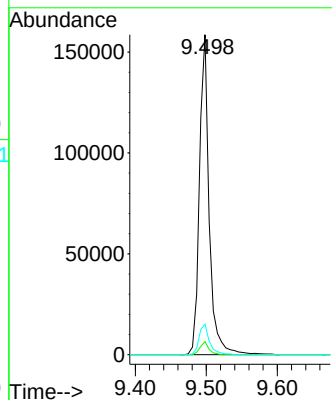
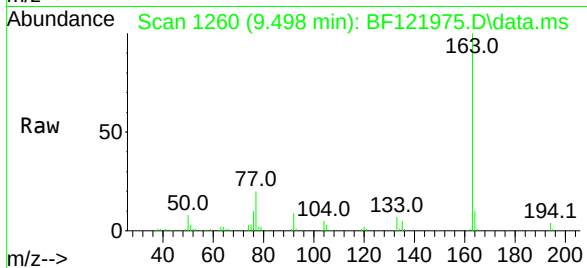




#50
Dimethylphthalate
Concen: 10.21 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.018 min
Lab File: BF121975.D
Acq: 15 Oct 2020 2:53

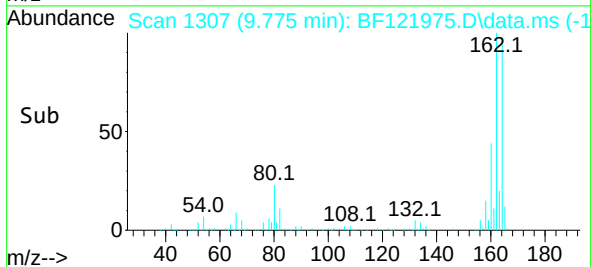
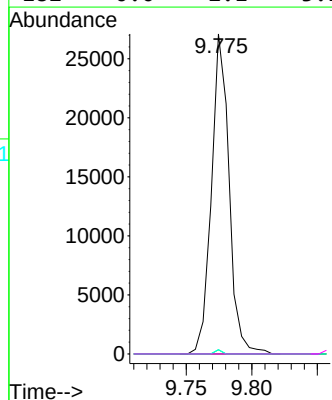
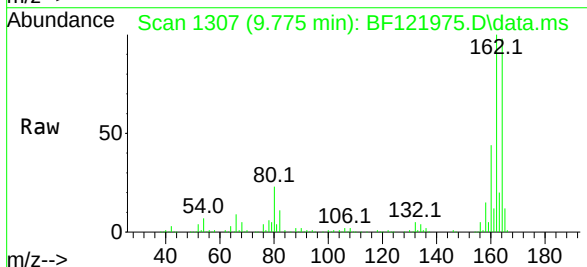
Instrument :
BNA_F
ClientSampleId :
BG-1

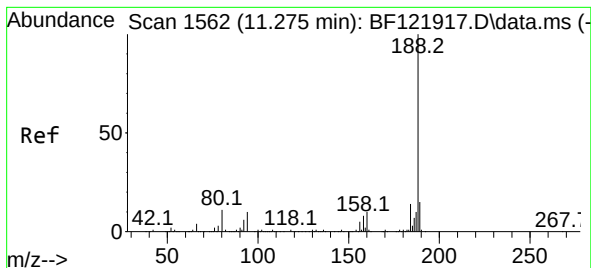
Tgt Ion:163 Resp: 151609
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.5 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.31 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF121975.D
Acq: 15 Oct 2020 2:53

Tgt Ion:165 Resp: 25319
Ion Ratio Lower Upper
165 100
63 1.3 41.3 61.9#
89 1.4 61.8 92.8#
182 0.0 2.1 3.1#

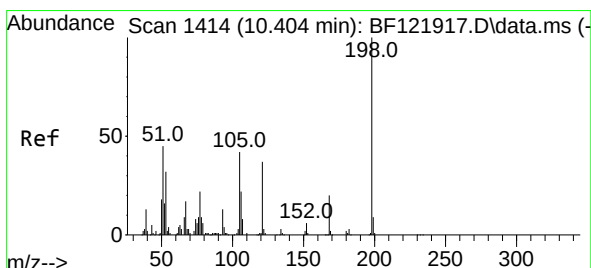
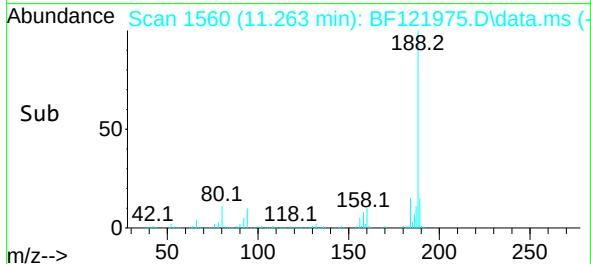
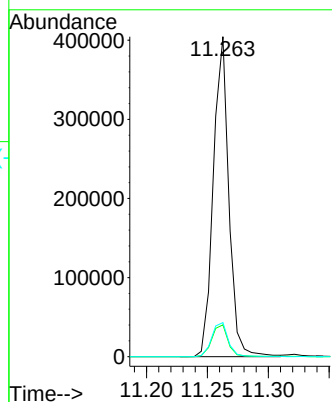
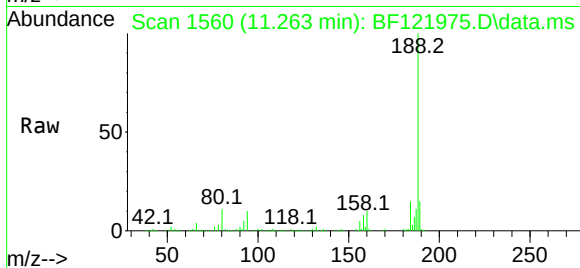




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121975.D
Acq: 15 Oct 2020 2:53

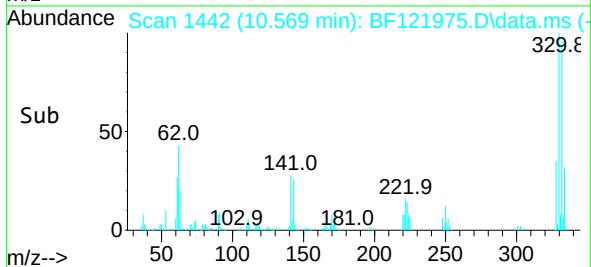
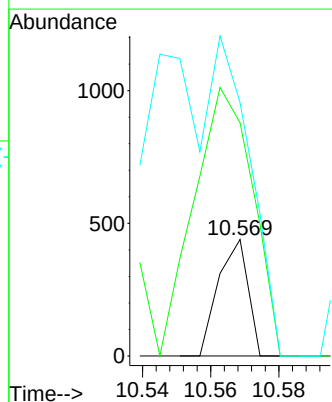
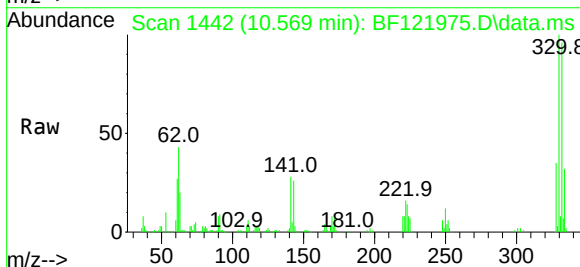
Instrument :
BNA_F
ClientSampleId :
BG-1

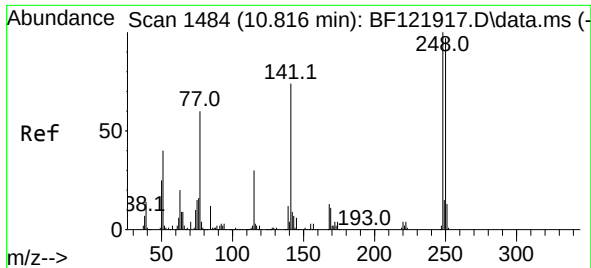
Tgt Ion:188 Resp: 357817
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.7 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.53 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.165 min
Lab File: BF121975.D
Acq: 15 Oct 2020 2:53

Tgt Ion:198 Resp: 265
Ion Ratio Lower Upper
198 100
51 200.2 29.6 69.6#
105 217.5 24.4 64.4#

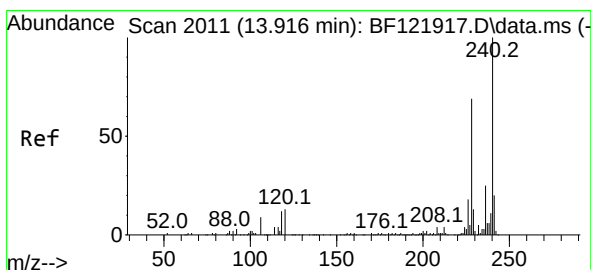
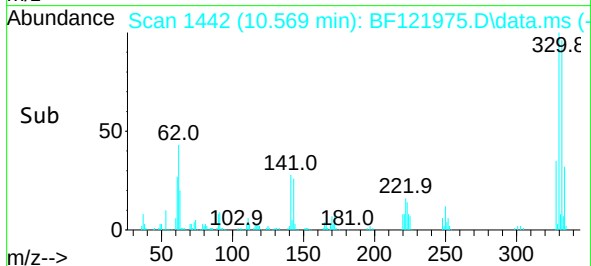
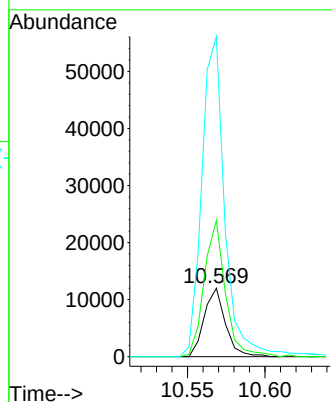
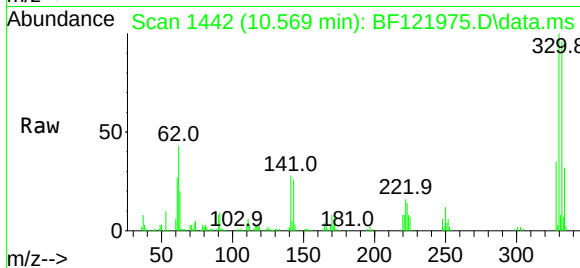




#67
4-Bromophenyl-phenylether
Concen: 2.77 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.247 min
Lab File: BF121975.D
Acq: 15 Oct 2020 2:53

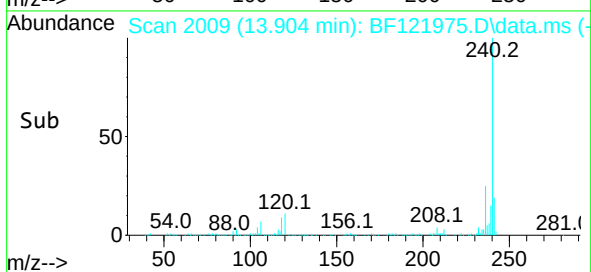
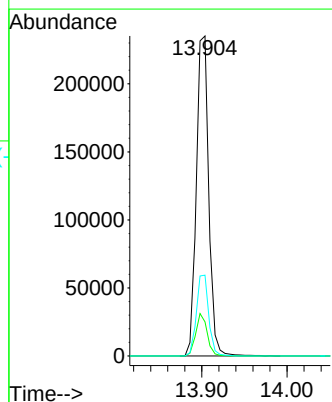
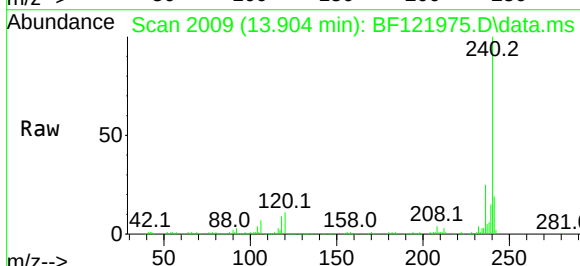
Instrument :
BNA_F
ClientSampleId :
BG-1

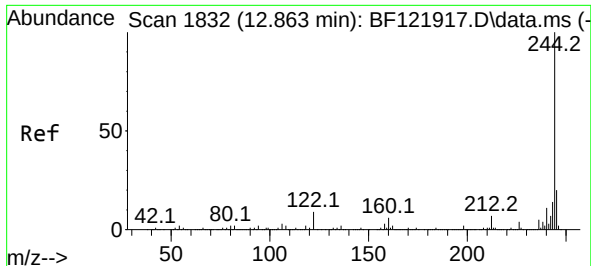
Tgt Ion:248 Resp: 11453
Ion Ratio Lower Upper
248 100
250 199.2 77.0 115.6#
141 467.8 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF121975.D
Acq: 15 Oct 2020 2:53

Tgt Ion:240 Resp: 237894
Ion Ratio Lower Upper
240 100
120 10.7 9.2 13.8
236 25.2 20.9 31.3

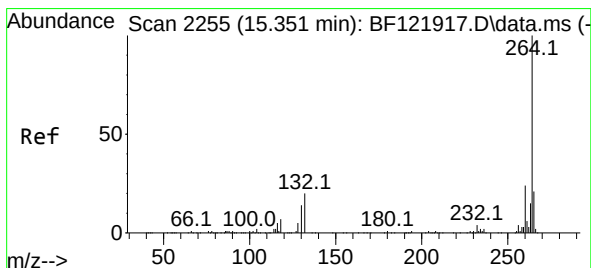
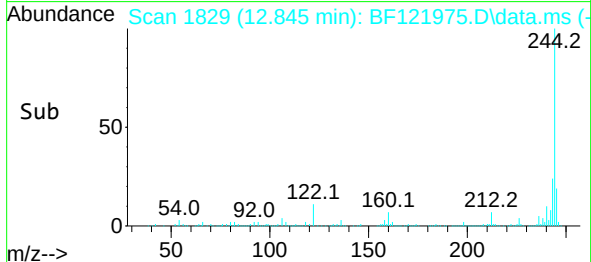
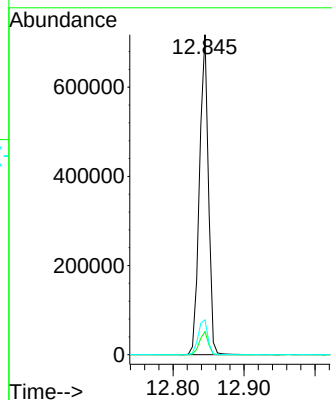
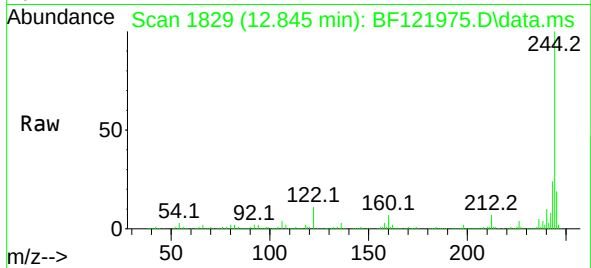




#79
 Terphenyl-d14
 Concen: 50.30 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. -0.018 min
 Lab File: BF121975.D
 Acq: 15 Oct 2020 2:53

Instrument :
 BNA_F
 ClientSampled :
 BG-1

Tgt Ion:244 Resp: 627857
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.9 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: BF121975.D
 Acq: 15 Oct 2020 2:53

Tgt Ion:264 Resp: 237453
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.7 28.1
 265 21.6 17.3 25.9

