

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
 Data File : BF121972.D
 Acq On : 15 Oct 2020 1:19
 Operator : JU/CG
 Sample : PB132353BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132357BL

Quant Time: Oct 15 04:56:52 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)

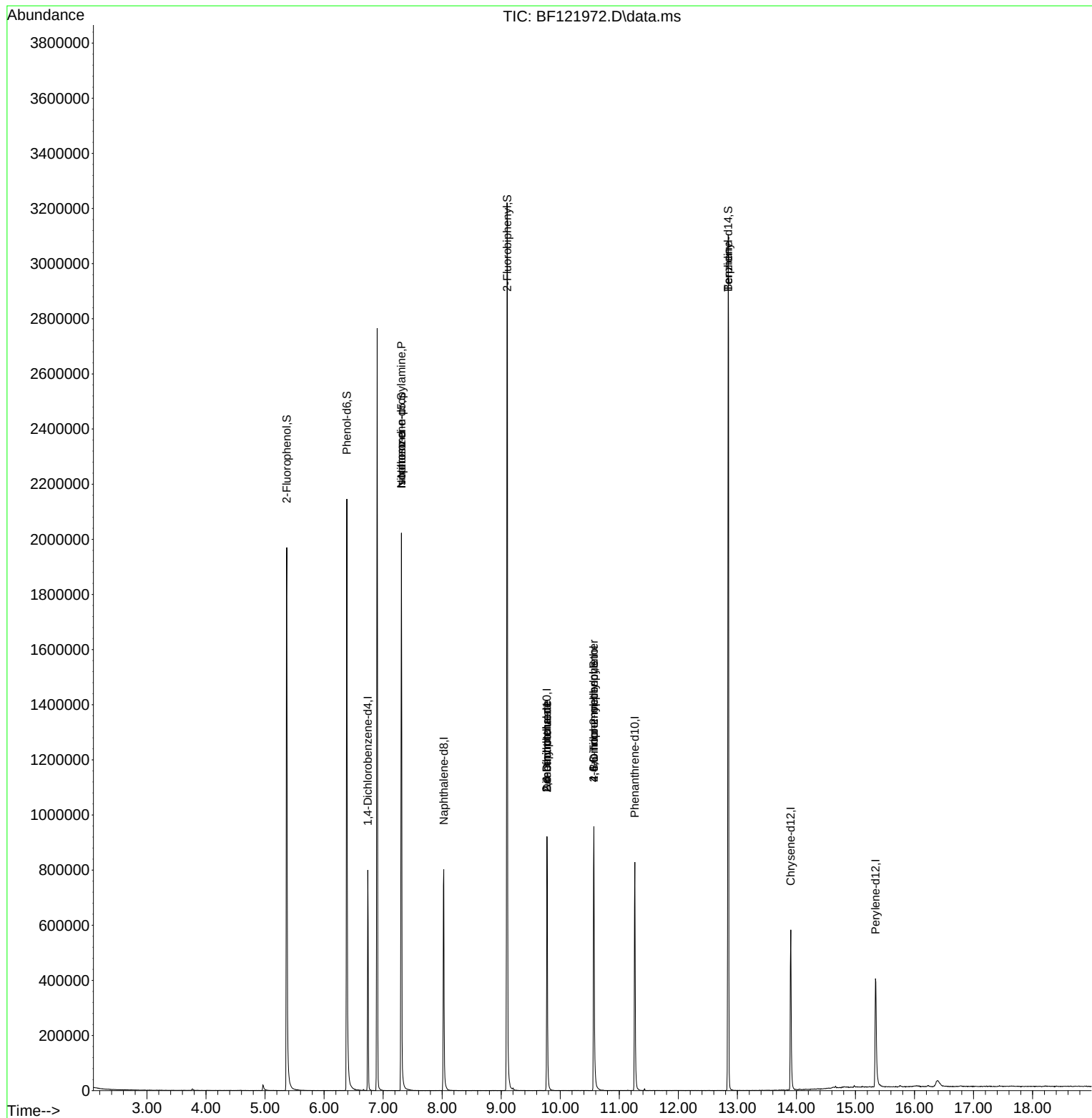
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	114170	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	427529	20.00	ng	0.00
39) Acenaphthene-d10	9.774	164	208512	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	365440	20.00	ng	-0.01
76) Chrysene-d12	13.904	240	242363	20.00	ng	-0.01
86) Perylene-d12	15.339	264	243922	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	600469	77.62	ng	0.00
7) Phenol-d6	6.386	99	742978	74.61	ng	-0.01
23) Nitrobenzene-d5	7.310	82	717042	86.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	149334	57.90	ng	-0.01
45) 2-Fluorobiphenyl	9.104	172	1209064	85.32	ng	0.00
79) Terphenyl-d14	12.845	244	1179828	92.77	ng	-0.02
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.386	77	917	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.310	70	95788	16.89	ng	# 78
25) Isophorone	7.310	82	716665	45.47	ng	# 67
50) Dimethylphthalate	9.774	163	36579	2.40	ng	# 1
51) 2,6-Dinitrotoluene	9.774	165	26211	7.84	ng	# 20
57) 2,4-Dinitrotoluene	9.774	165	26211	6.37	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.569	198	123	4.48	ng	# 1
67) 4-Bromophenyl-phenylether	10.569	248	8640	2.05	ng	# 1
77) Benzidine	12.845	184	15159	2.03	ng	# 94

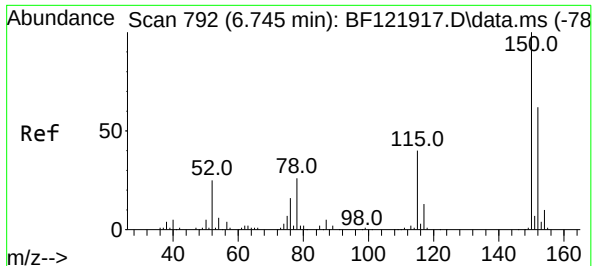
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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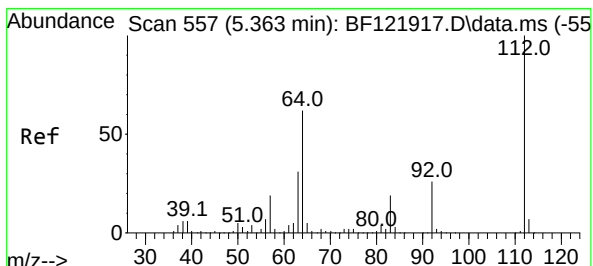
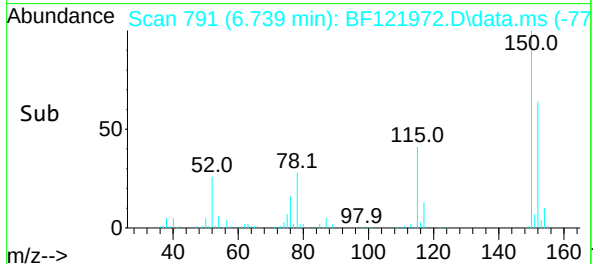
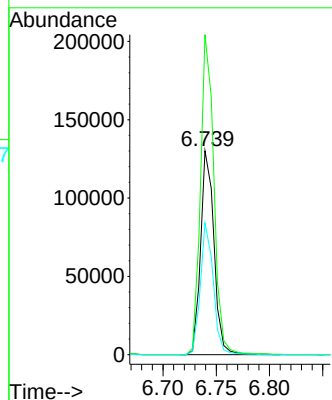
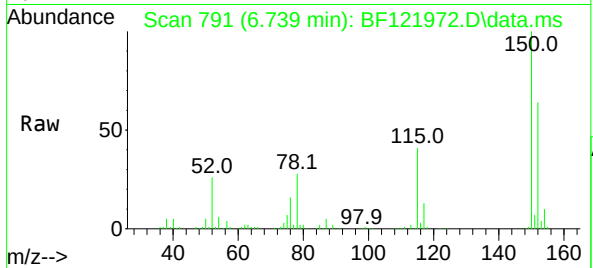




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF121972.D
Acq: 15 Oct 2020 1:19

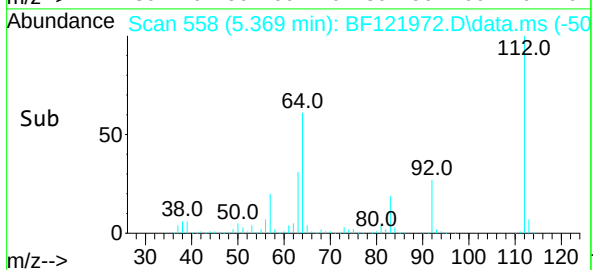
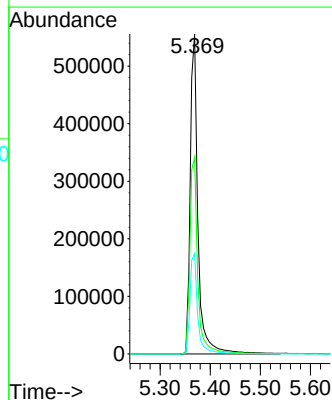
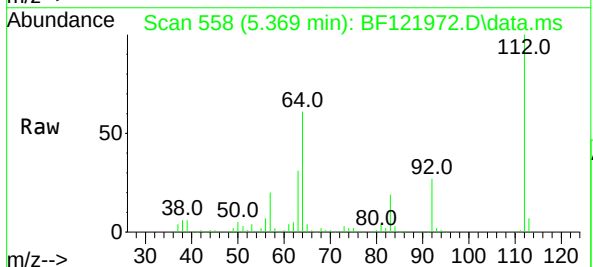
Instrument :
BNA_F
ClientSampleId :
PB132357BL

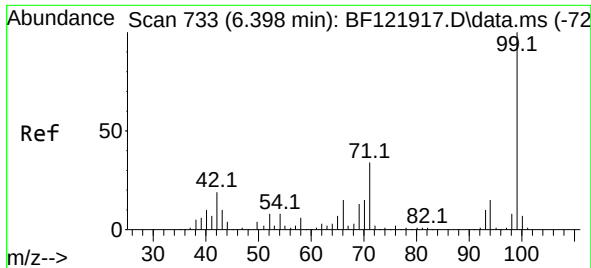
Tgt Ion:152 Resp: 114170
Ion Ratio Lower Upper
152 100
150 156.9 125.3 187.9
115 64.6 51.9 77.9



#5
2-Fluorophenol
Concen: 77.62 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF121972.D
Acq: 15 Oct 2020 1:19

Tgt Ion:112 Resp: 600469
Ion Ratio Lower Upper
112 100
64 61.5 50.4 75.6
63 31.4 25.8 38.6

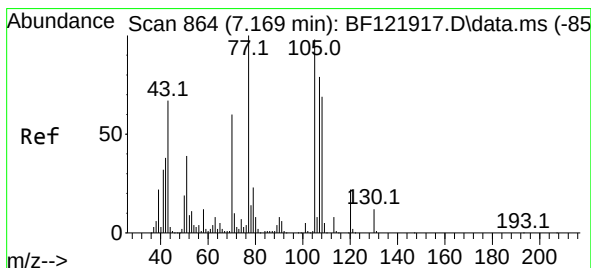
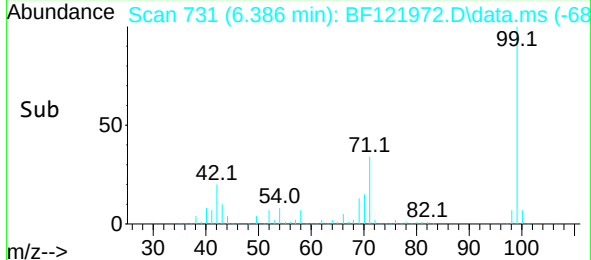
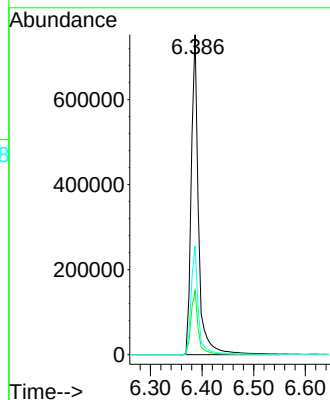
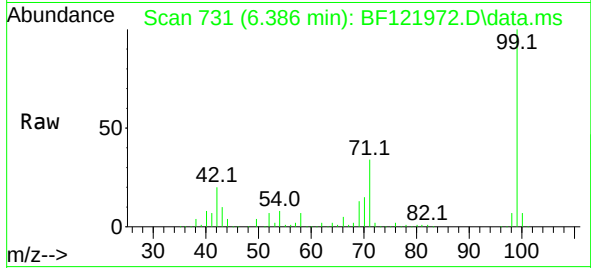




#7
Phenol-d6
Concen: 74.61 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121972.D
Acq: 15 Oct 2020 1:19

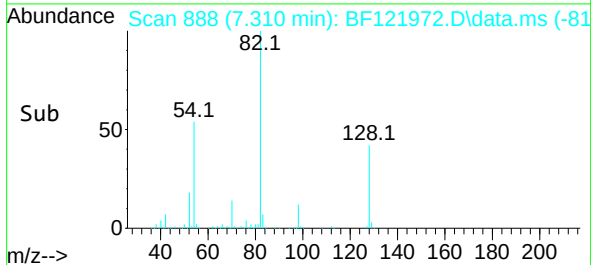
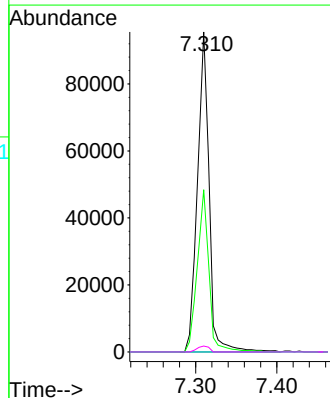
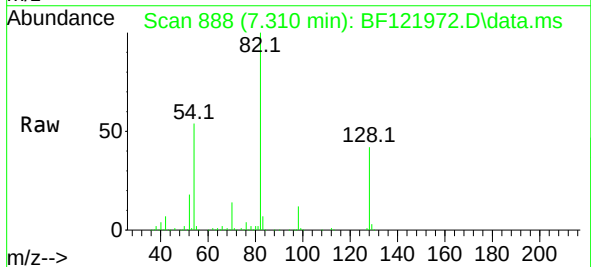
Instrument :
BNA_F
ClientSampleId :
PB132357BL

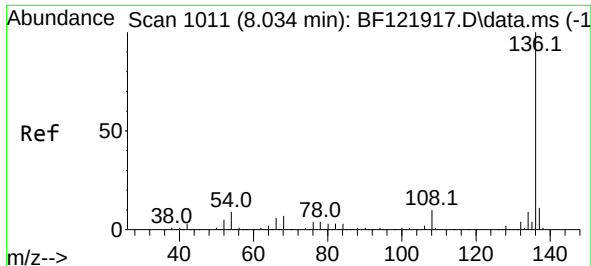
Tgt Ion: 99 Resp: 742978
Ion Ratio Lower Upper
99 100
42 20.0 15.9 23.9
71 34.0 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.89 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.141 min
Lab File: BF121972.D
Acq: 15 Oct 2020 1:19

Tgt Ion: 70 Resp: 95788
Ion Ratio Lower Upper
70 100
42 50.7 50.2 75.4
101 0.0 7.5 11.3#
130 1.8 15.5 23.3#



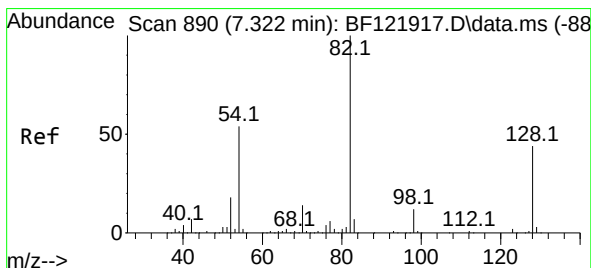
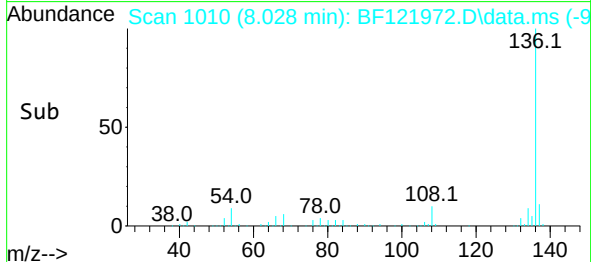
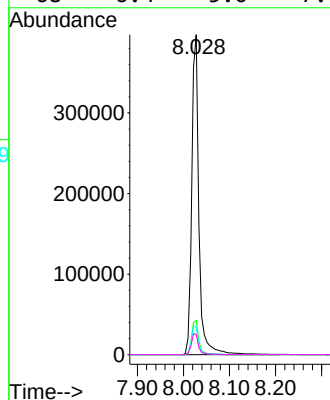
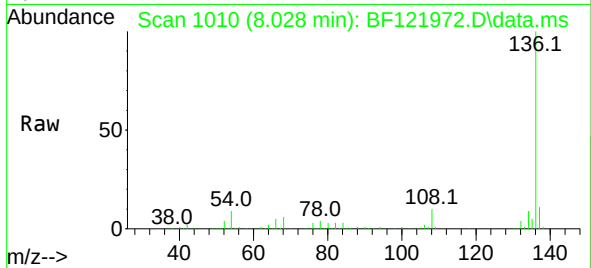


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121972.D
Acq: 15 Oct 2020 1:19

Instrument :
BNA_F
ClientSampleId :
PB132357BL

Tgt Ion:136 Resp: 427529

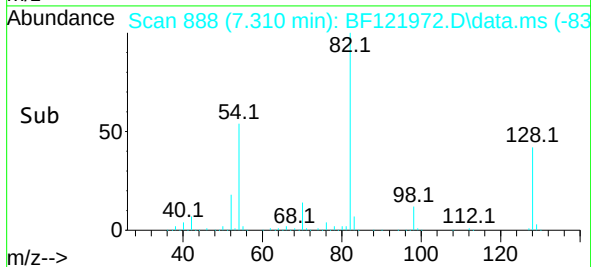
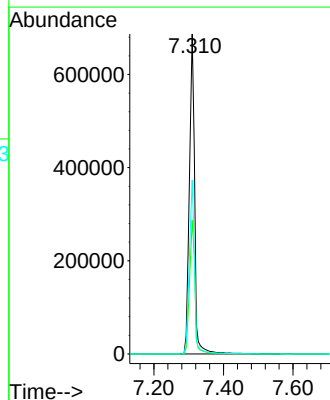
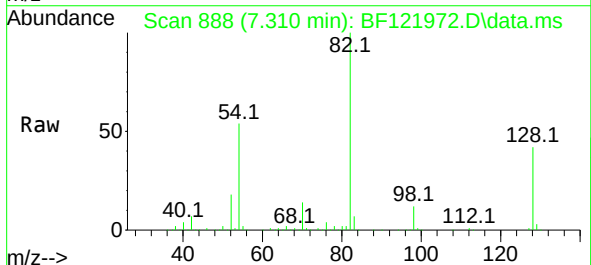
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.6	7.1	10.7
68	6.4	5.0	7.4

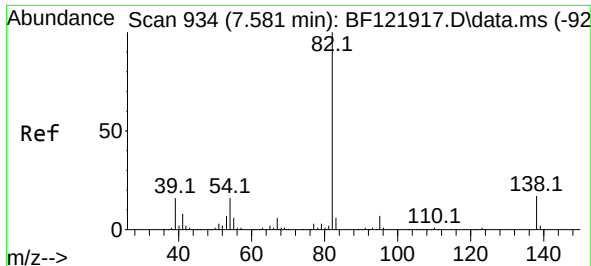


#23
Nitrobenzene-d5
Concen: 86.01 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121972.D
Acq: 15 Oct 2020 1:19

Tgt Ion: 82 Resp: 717042

Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.0	52.4
54	54.3	43.9	65.9

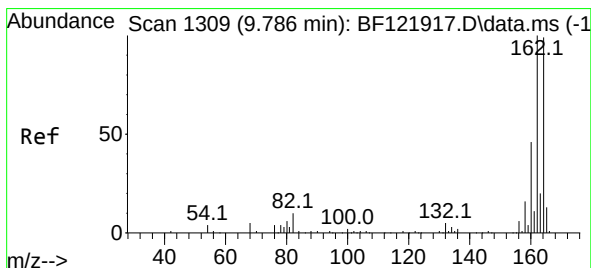
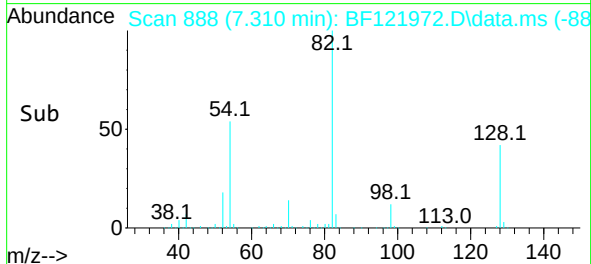
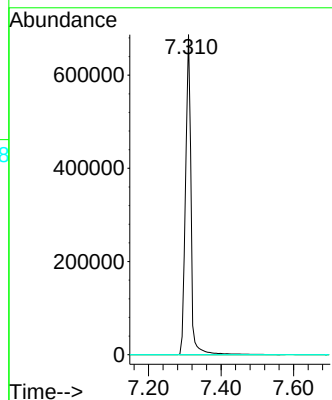
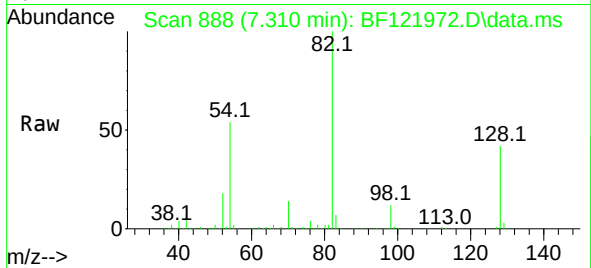




#25
Isophorone
Concen: 45.47 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.271 min
Lab File: BF121972.D
Acq: 15 Oct 2020 1:19

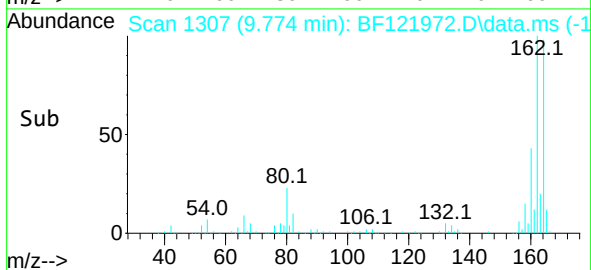
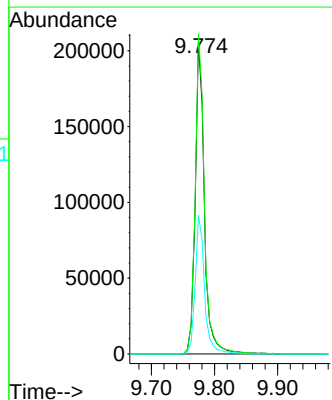
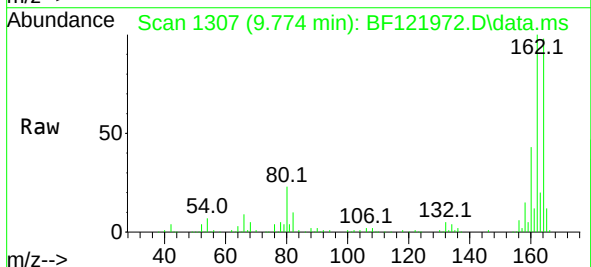
Instrument :
BNA_F
ClientSampleId :
PB132357BL

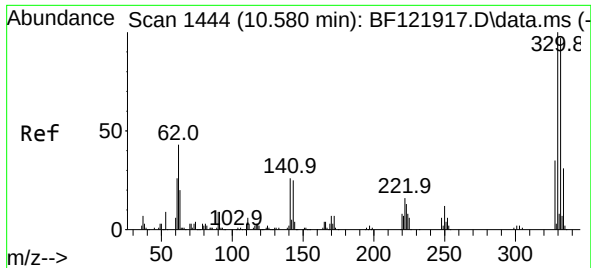
Tgt Ion: 82 Resp: 716665
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF121972.D
Acq: 15 Oct 2020 1:19

Tgt Ion: 164 Resp: 208512
Ion Ratio Lower Upper
164 100
162 102.3 83.2 124.8
160 44.4 37.5 56.3

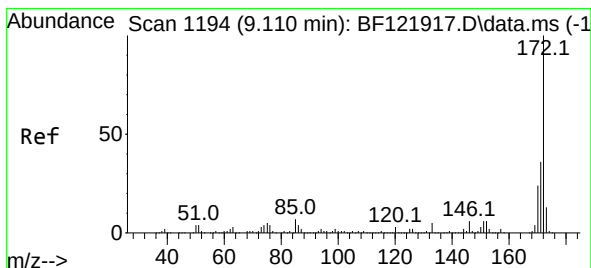
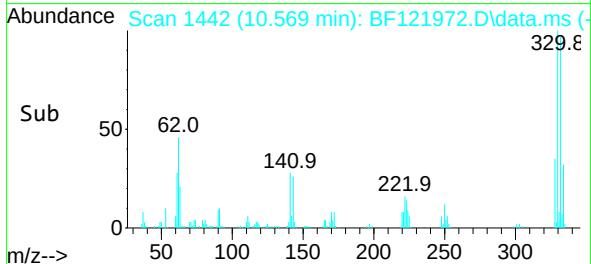
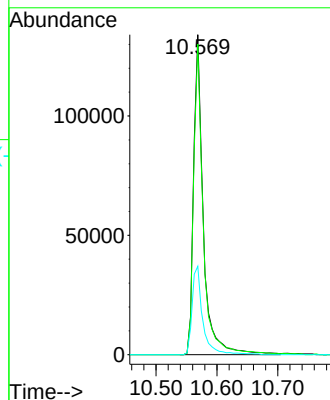
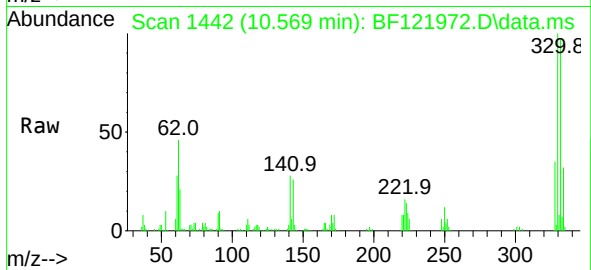




#42
2,4,6-Tribromophenol
Concen: 57.90 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121972.D
Acq: 15 Oct 2020 1:19

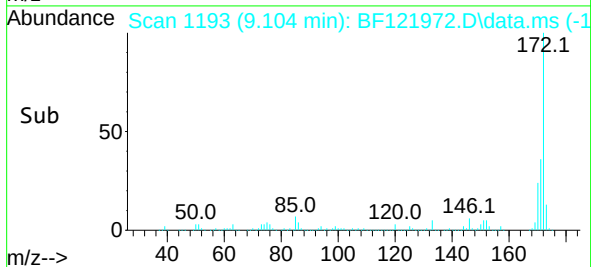
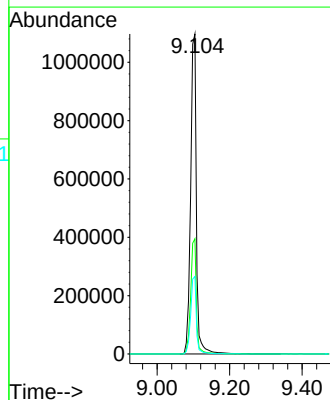
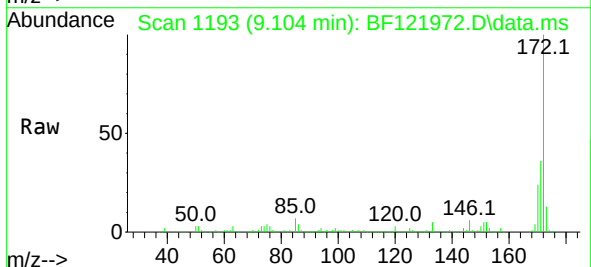
Instrument :
BNA_F
ClientSampleId :
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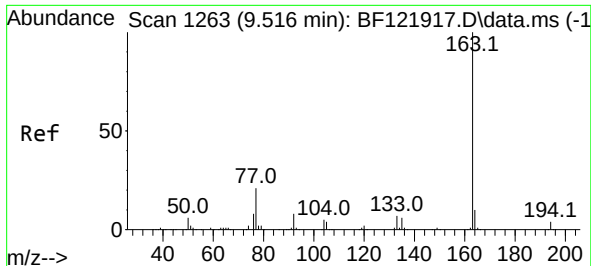
Tgt Ion:330 Resp: 149334
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 30.3 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 85.32 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF121972.D
Acq: 15 Oct 2020 1:19

Tgt Ion:172 Resp: 1209064
Ion Ratio Lower Upper
172 100
171 36.0 29.1 43.7
170 24.2 19.8 29.6

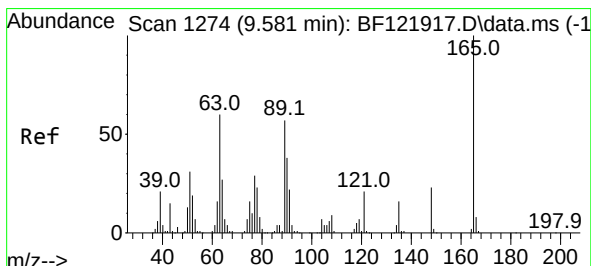
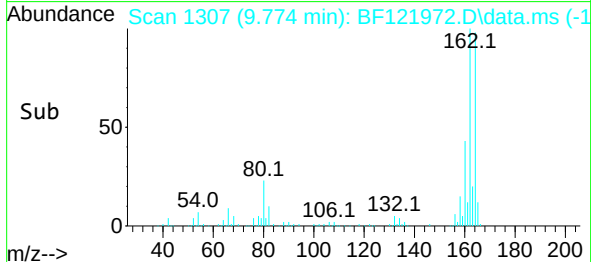
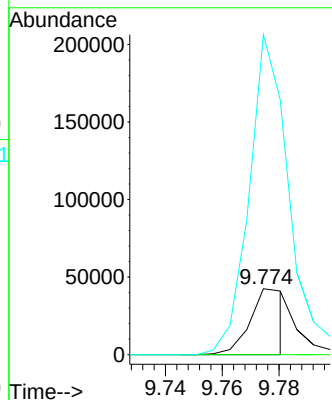
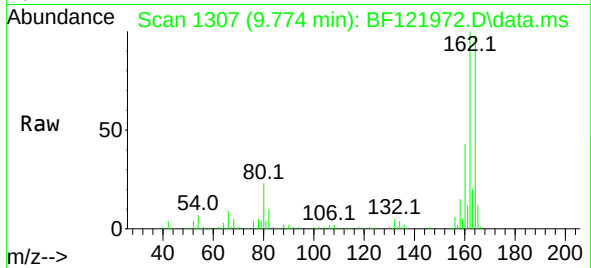




#50
Dimethylphthalate
Concen: 2.40 ng
RT: 9.774 min Scan# 1307
Delta R.T. 0.259 min
Lab File: BF121972.D
Acq: 15 Oct 2020 1:19

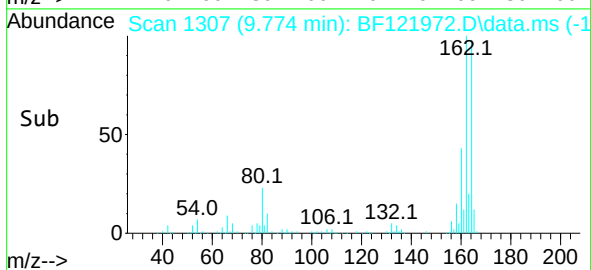
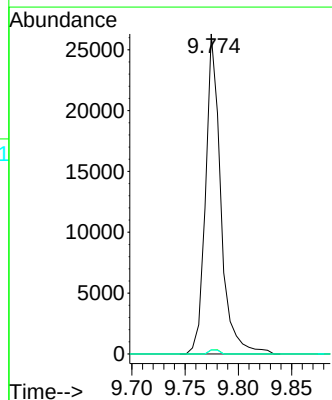
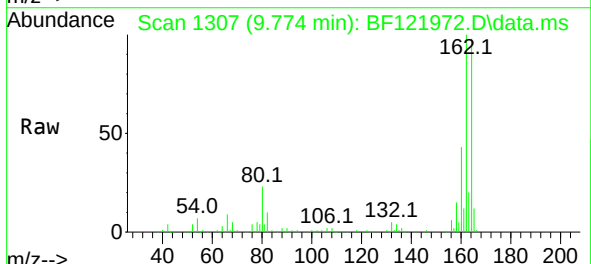
Instrument :
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ClientSampleId :
PB132357BL

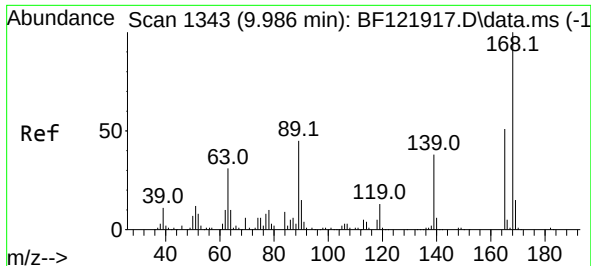
Tgt Ion:163 Resp: 36579
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 485.2 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 7.84 ng
RT: 9.774 min Scan# 1307
Delta R.T. 0.194 min
Lab File: BF121972.D
Acq: 15 Oct 2020 1:19

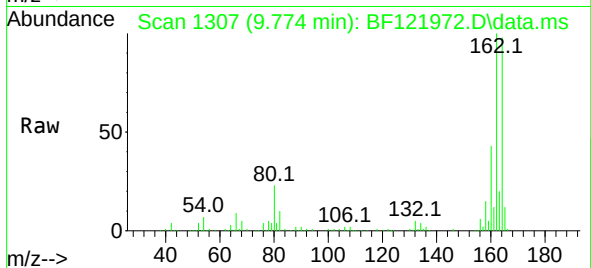
Tgt Ion:165 Resp: 26211
Ion Ratio Lower Upper
165 100
63 1.2 51.8 77.6#
89 1.3 49.0 73.6#



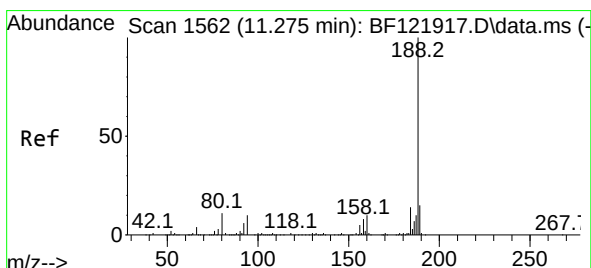
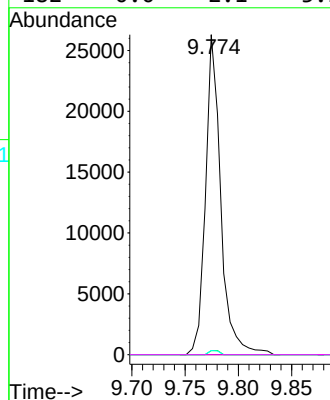
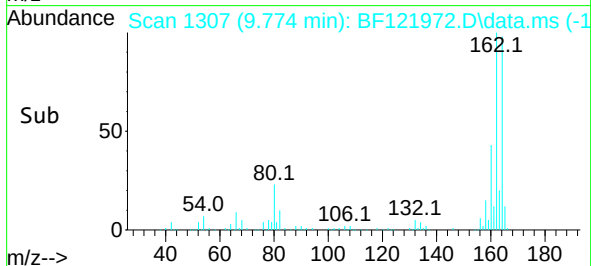


#57
2,4-Dinitrotoluene
Concen: 6.37 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF121972.D
Acq: 15 Oct 2020 1:19

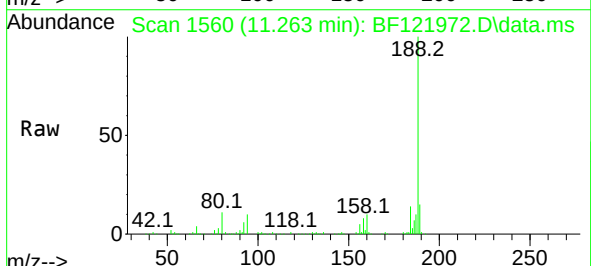
Instrument :
BNA_F
ClientSampleId :
PB132357BL



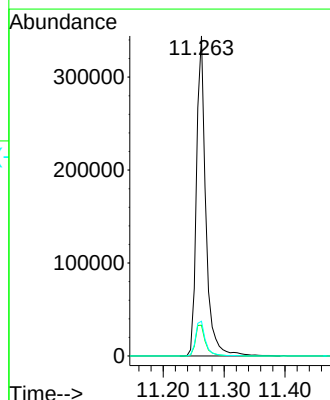
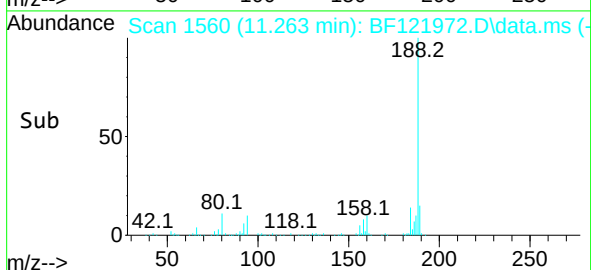
Tgt Ion:165 Resp: 26211
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.3 61.8 92.8#
182 0.0 2.1 3.1#

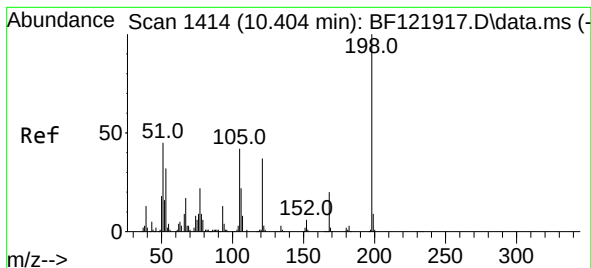


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121972.D
Acq: 15 Oct 2020 1:19



Tgt Ion:188 Resp: 365440
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 10.9 9.1 13.7

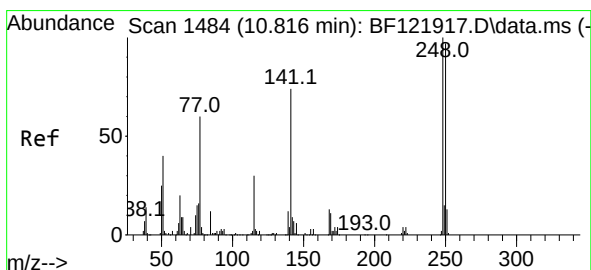
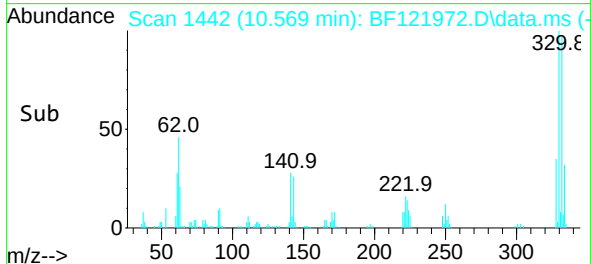
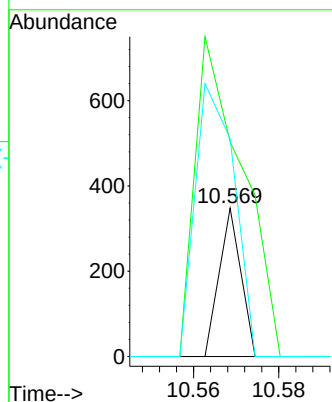
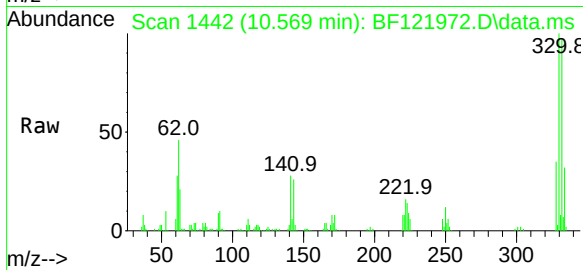




#65
4,6-Dinitro-2-methylphenol
Concen: 4.48 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.165 min
Lab File: BF121972.D
Acq: 15 Oct 2020 1:19

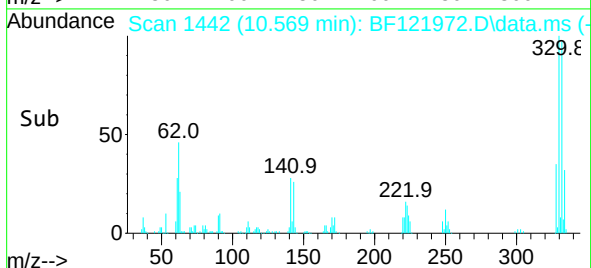
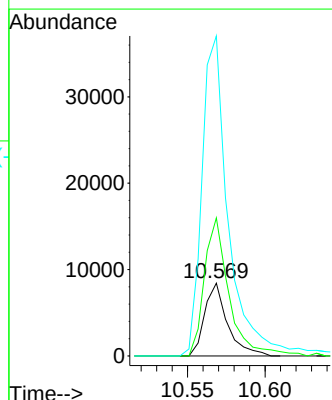
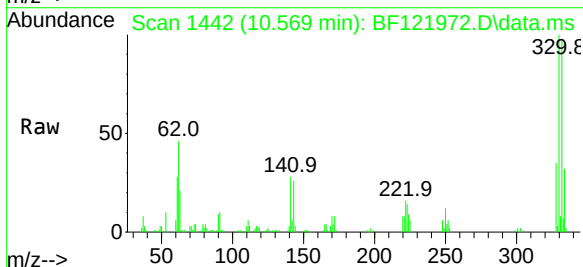
Instrument :
BNA_F
ClientSampleId :
PB132357BL

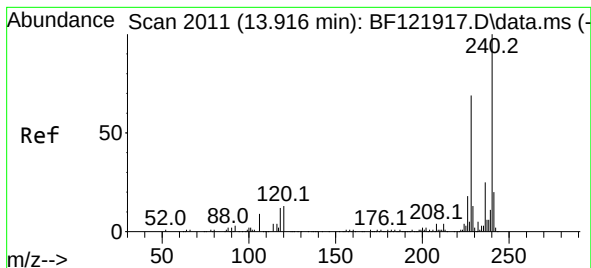
Tgt Ion:198 Resp: 123
Ion Ratio Lower Upper
198 100
51 144.5 29.6 69.6#
105 146.8 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 2.05 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.247 min
Lab File: BF121972.D
Acq: 15 Oct 2020 1:19

Tgt Ion:248 Resp: 8640
Ion Ratio Lower Upper
248 100
250 189.6 77.0 115.6#
141 439.2 53.7 80.5#

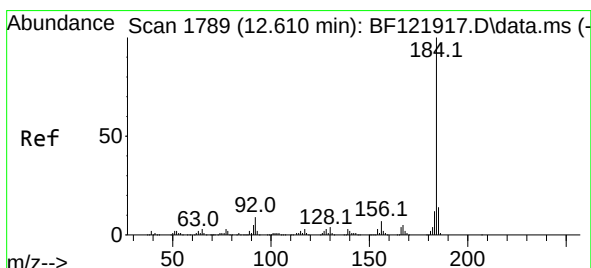
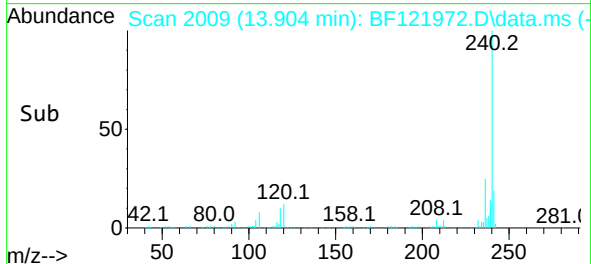
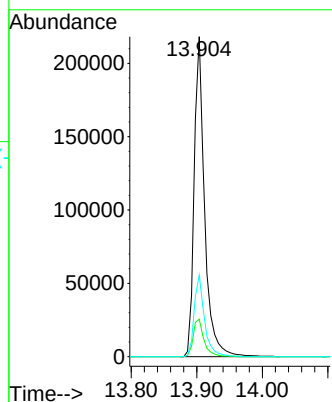
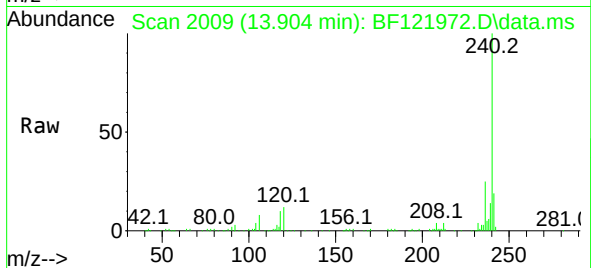




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF121972.D
Acq: 15 Oct 2020 1:19

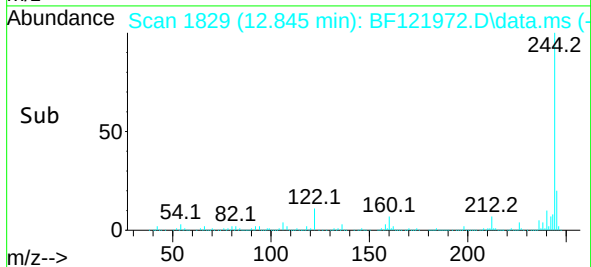
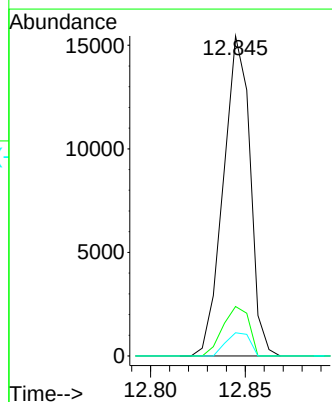
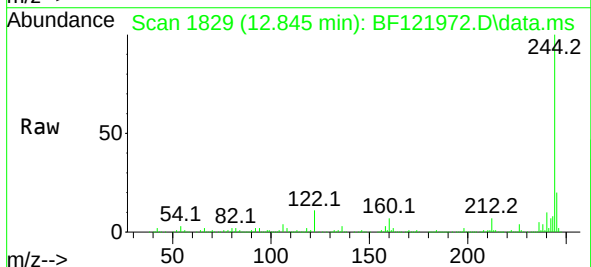
Instrument :
BNA_F
ClientSampleId :
PB132357BL

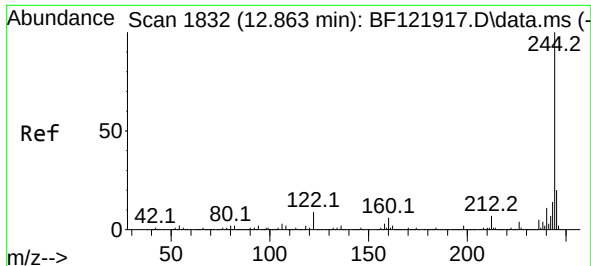
Tgt Ion:240 Resp: 242363
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 25.4 20.9 31.3



#77
Benzidine
Concen: 2.03 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.235 min
Lab File: BF121972.D
Acq: 15 Oct 2020 1:19

Tgt Ion:184 Resp: 15159
Ion Ratio Lower Upper
184 100
185 15.5 11.6 17.4
183 7.2 9.4 14.0#

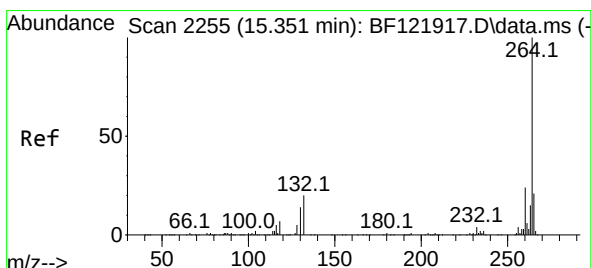
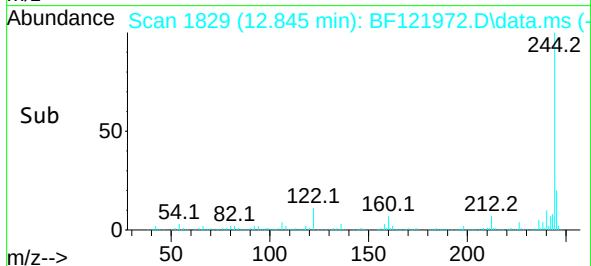
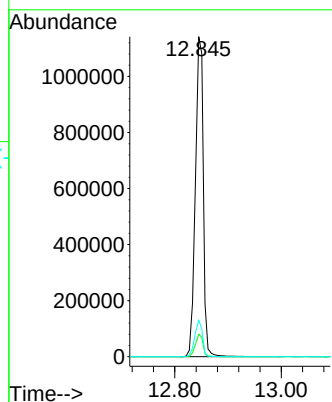
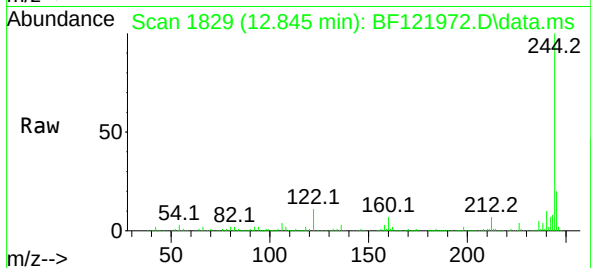




#79
Terphenyl-d14
Concen: 92.77 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.018 min
Lab File: BF121972.D
Acq: 15 Oct 2020 1:19

Instrument :
BNA_F
ClientSampleId :
PB132357BL

Tgt Ion:244 Resp: 1179828
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.4 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: BF121972.D
Acq: 15 Oct 2020 1:19

Tgt Ion:264 Resp: 243922
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 22.1 17.3 25.9

