

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
 Data File : BF121967.D
 Acq On : 14 Oct 2020 20:10
 Operator : JU/CG
 Sample : L4380-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-CONTAINMENT

Quant Time: Oct 15 01:23:37 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)

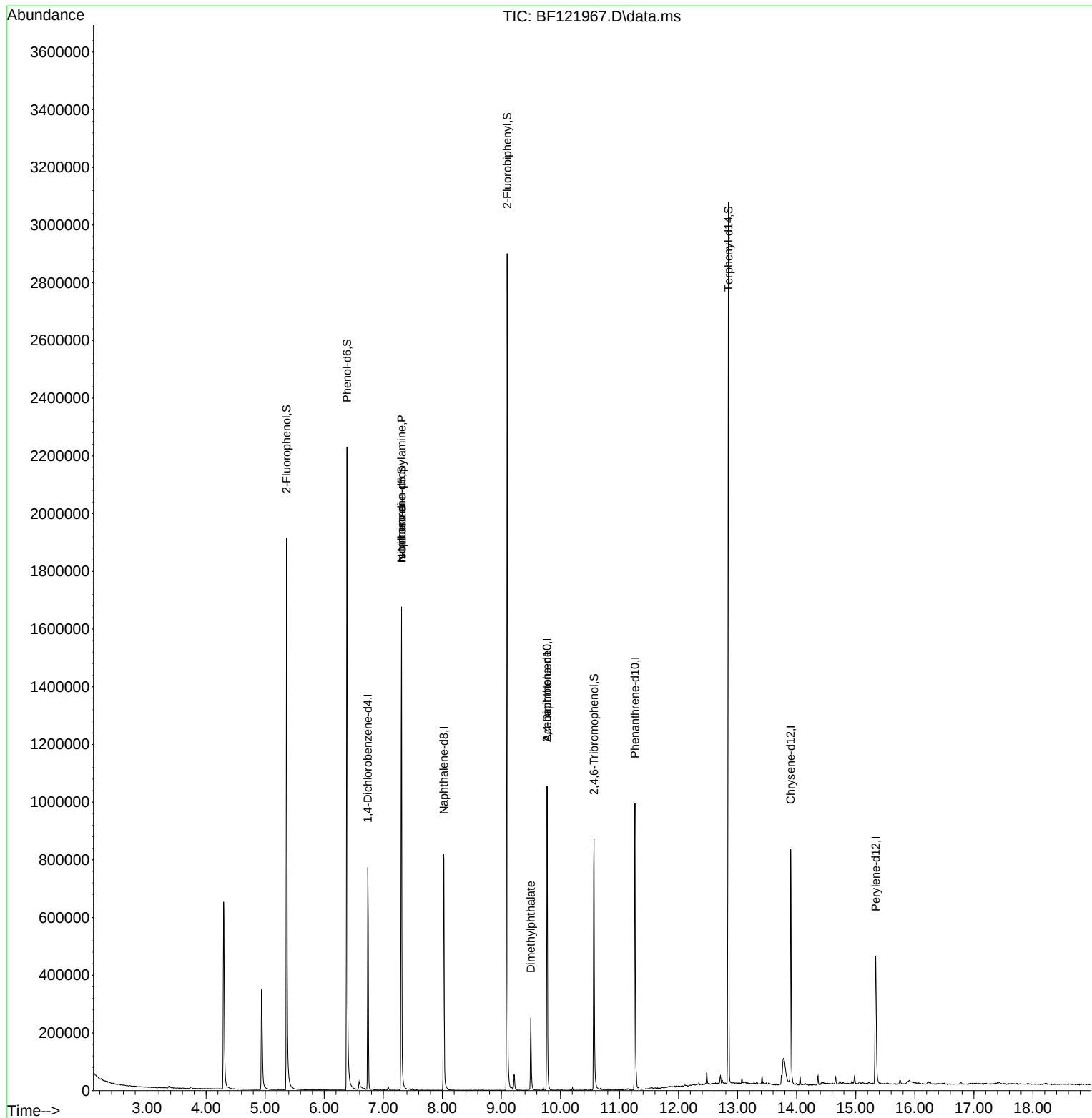
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	111235	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	426346	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	212606	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	399381	20.00	ng	-0.01
76) Chrysene-d12	13.898	240	287873	20.00	ng	-0.02
86) Perylene-d12	15.339	264	223827	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	543659	72.13	ng	0.00
7) Phenol-d6	6.387	99	762021	78.54	ng	-0.01
23) Nitrobenzene-d5	7.310	82	544348	65.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	128044	48.69	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	949348	65.70	ng	-0.01
79) Terphenyl-d14	12.845	244	959417	63.51	ng	-0.02
Target Compounds						
						Qvalue
9) Benzaldehyde	6.387	77	1078	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.310	70	72148	13.06	ng	# 77
25) Isophorone	7.310	82	544030	34.61	ng	# 67
50) Dimethylphthalate	9.498	163	124378	8.00	ng	99
57) 2,4-Dinitrotoluene	9.775	165	27090	6.45	ng	# 20

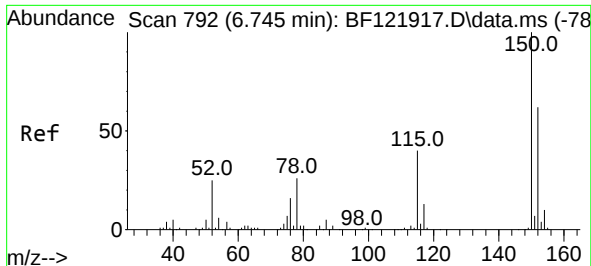
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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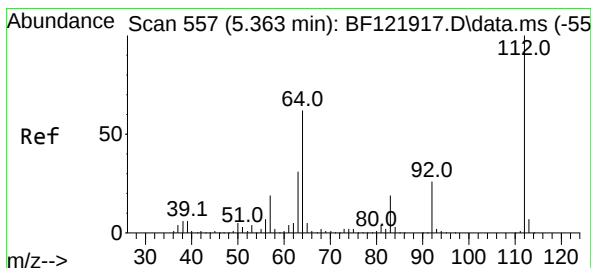
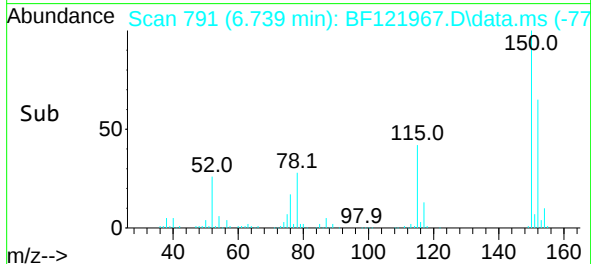
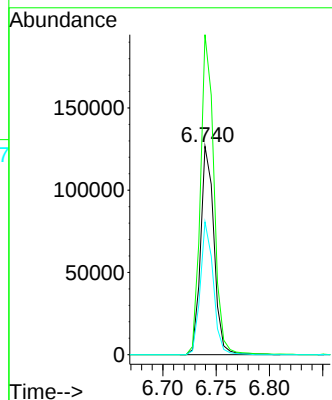
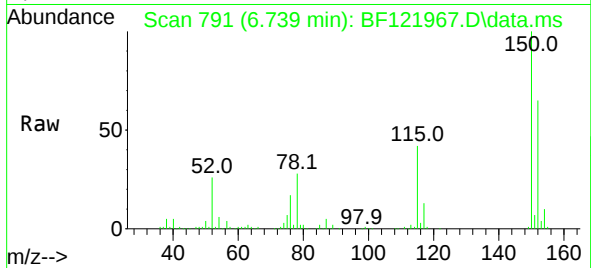




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF121967.D
Acq: 14 Oct 2020 20:10

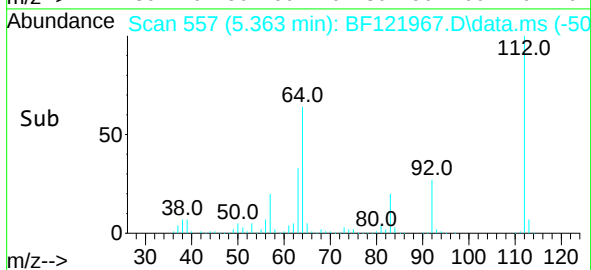
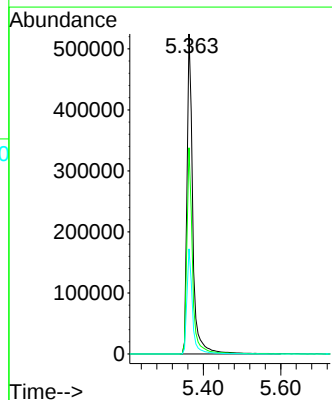
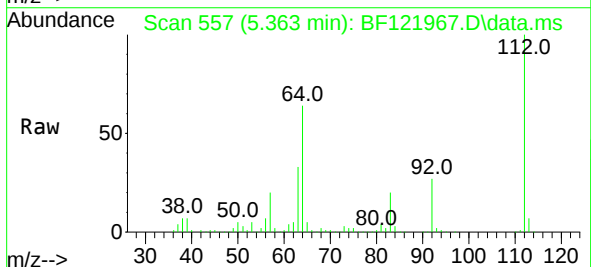
Instrument :
BNA_F
ClientSampleId :
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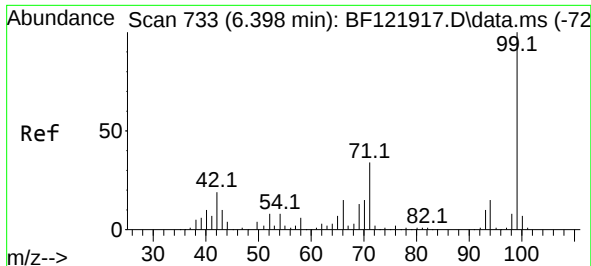
Tgt Ion:152 Resp: 111235
Ion Ratio Lower Upper
152 100
150 153.7 125.3 187.9
115 63.8 51.9 77.9



#5
2-Fluorophenol
Concen: 72.13 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF121967.D
Acq: 14 Oct 2020 20:10

Tgt Ion:112 Resp: 543659
Ion Ratio Lower Upper
112 100
64 64.4 50.4 75.6
63 32.9 25.8 38.6

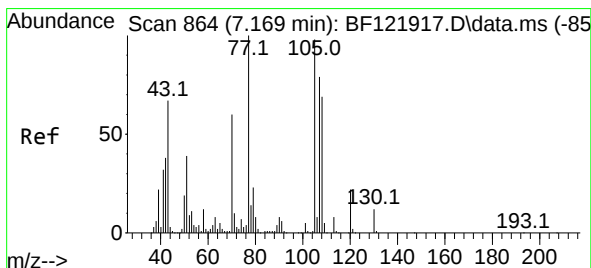
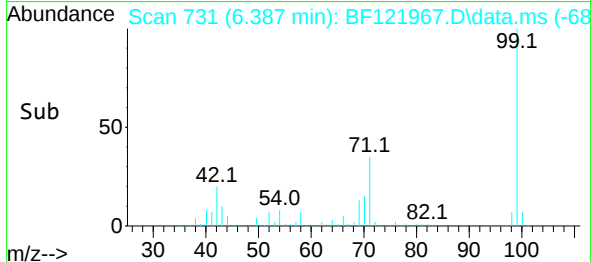
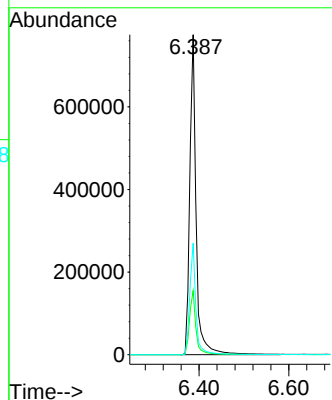
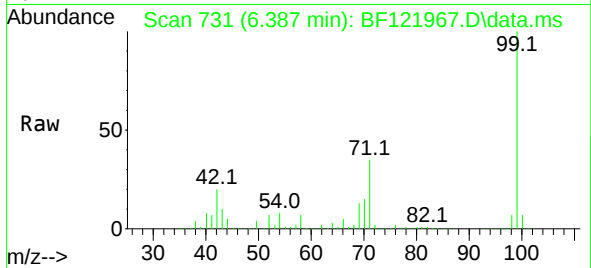




#7
Phenol-d6
Concen: 78.54 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121967.D
Acq: 14 Oct 2020 20:10

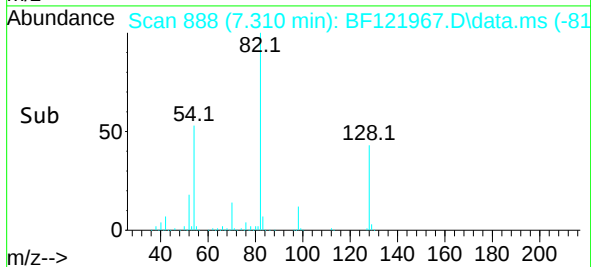
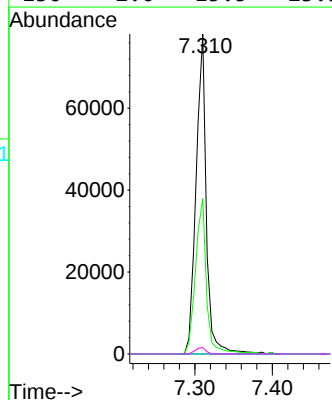
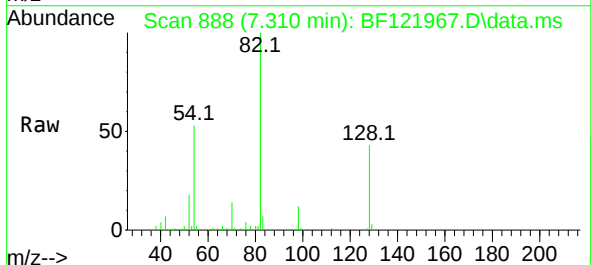
Instrument :
BNA_F
ClientSampleId :
A-CONTAINMENT

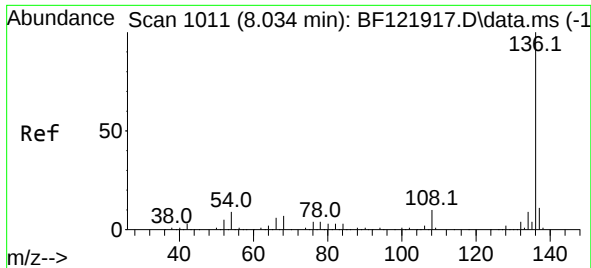
Tgt Ion: 99 Resp: 762021
Ion Ratio Lower Upper
99 100
42 20.0 15.9 23.9
71 34.9 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.06 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.141 min
Lab File: BF121967.D
Acq: 14 Oct 2020 20:10

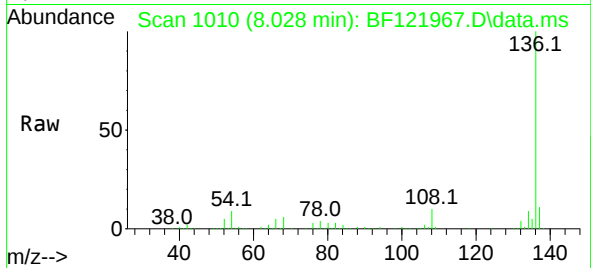
Tgt Ion: 70 Resp: 72148
Ion Ratio Lower Upper
70 100
42 48.6 50.2 75.4#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



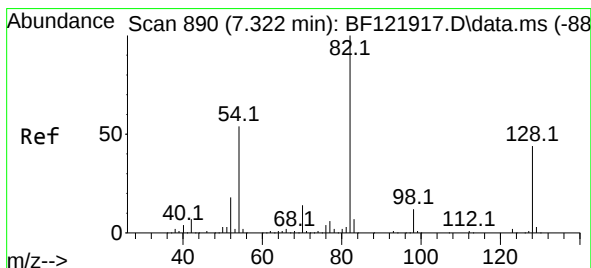
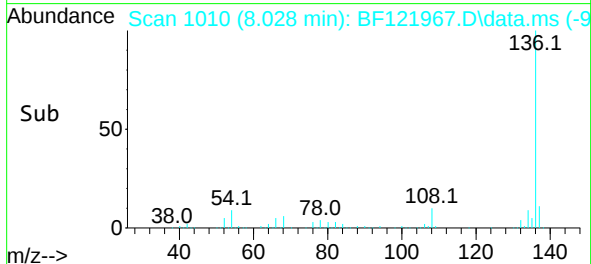
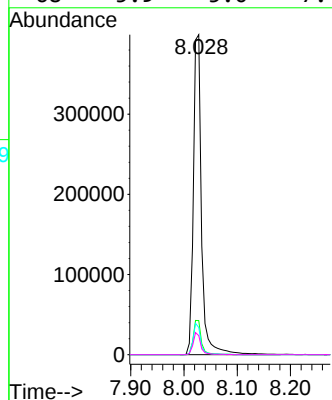


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121967.D
Acq: 14 Oct 2020 20:10

Instrument :
BNA_F
ClientSampleId :
A-CONTAINMENT

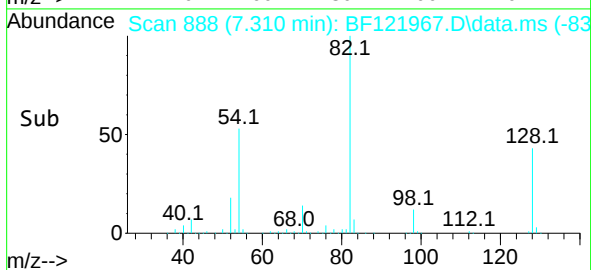
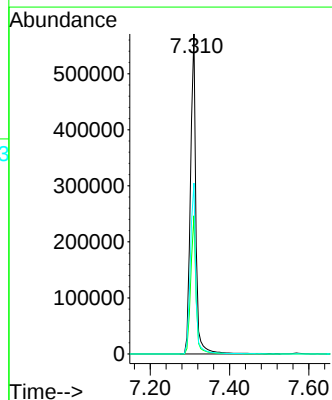
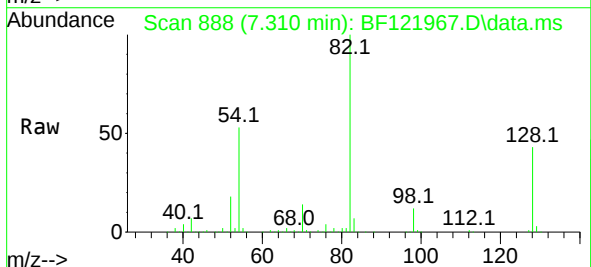


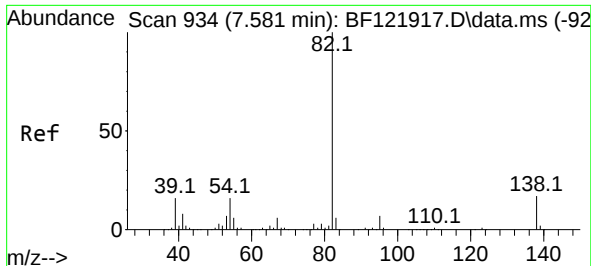
Tgt Ion:136 Resp: 426346
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.5 7.1 10.7
68 5.9 5.0 7.4



#23
Nitrobenzene-d5
Concen: 65.48 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121967.D
Acq: 14 Oct 2020 20:10

Tgt Ion: 82 Resp: 544348
Ion Ratio Lower Upper
82 100
128 43.2 35.0 52.4
54 53.4 43.9 65.9

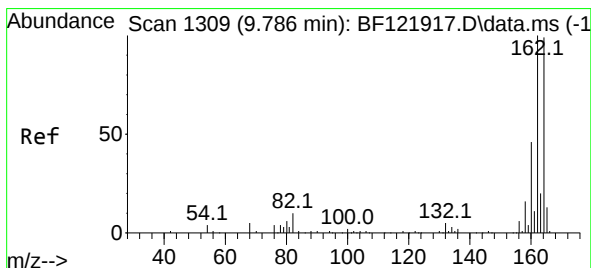
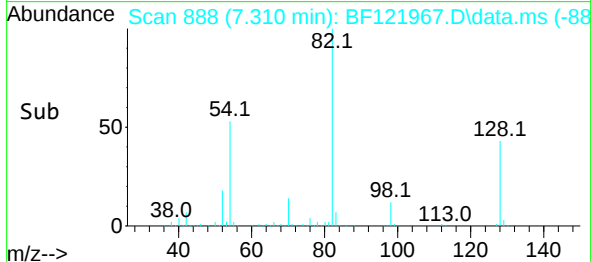
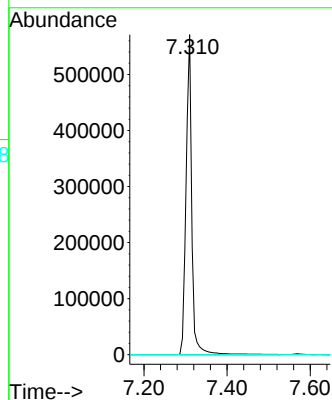
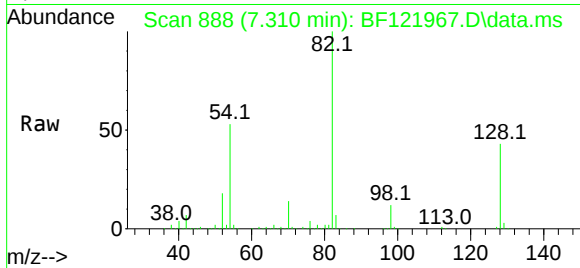




#25
Isophorone
Concen: 34.61 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.271 min
Lab File: BF121967.D
Acq: 14 Oct 2020 20:10

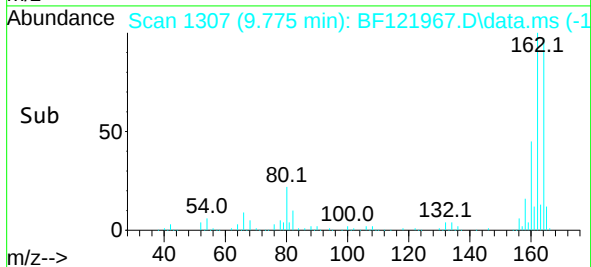
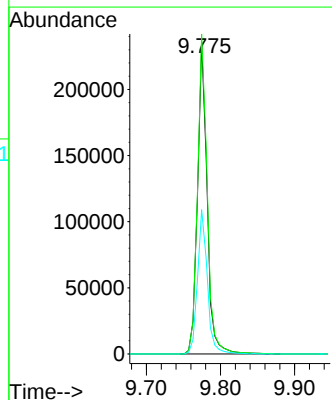
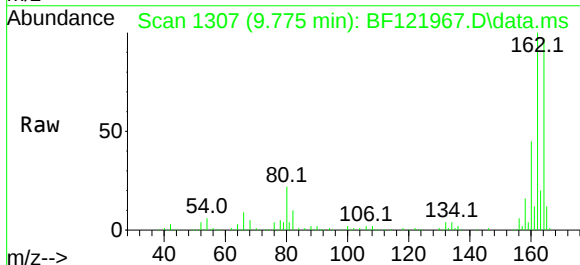
Instrument :
BNA_F
ClientSampleId :
A-CONTAINMENT

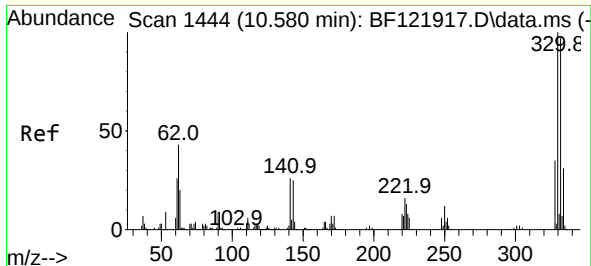
Tgt Ion: 82 Resp: 544030
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BF121967.D
Acq: 14 Oct 2020 20:10

Tgt Ion: 164 Resp: 212606
Ion Ratio Lower Upper
164 100
162 102.7 83.2 124.8
160 46.3 37.5 56.3

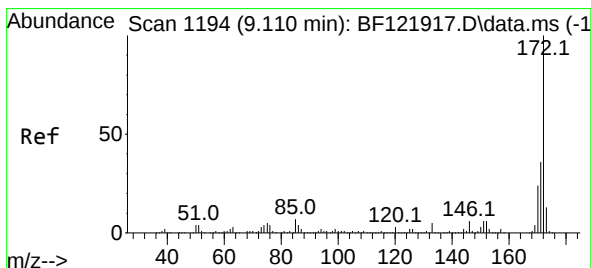
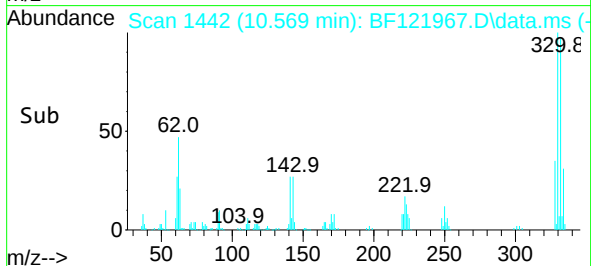
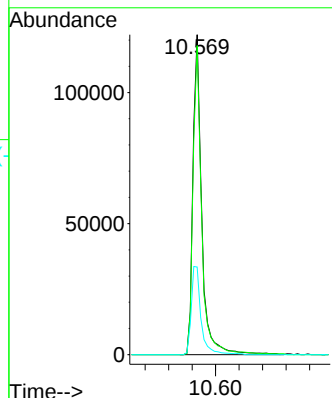
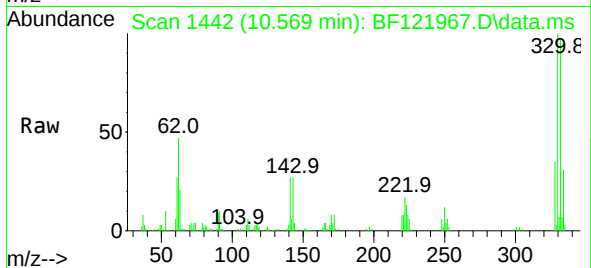




#42
2,4,6-Tribromophenol
Concen: 48.69 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121967.D
Acq: 14 Oct 2020 20:10

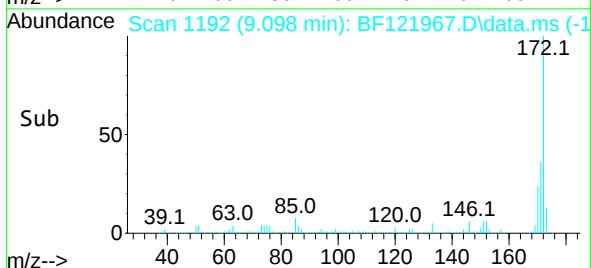
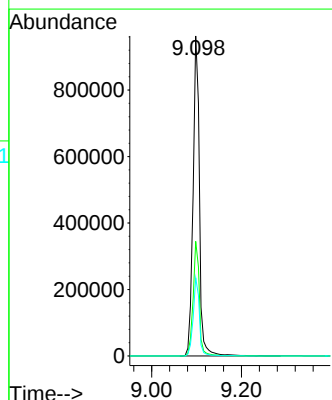
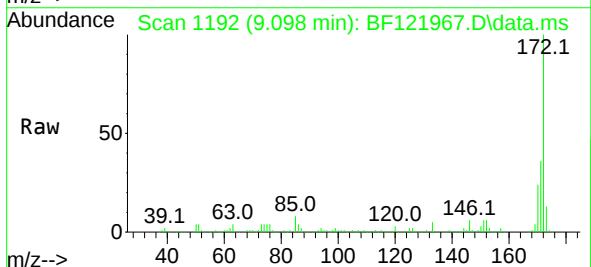
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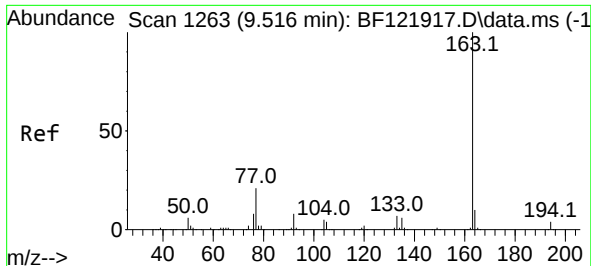
Tgt Ion:330 Resp: 128044
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 30.5 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 65.70 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF121967.D
Acq: 14 Oct 2020 20:10

Tgt Ion:172 Resp: 949348
Ion Ratio Lower Upper
172 100
171 35.8 29.1 43.7
170 24.4 19.8 29.6

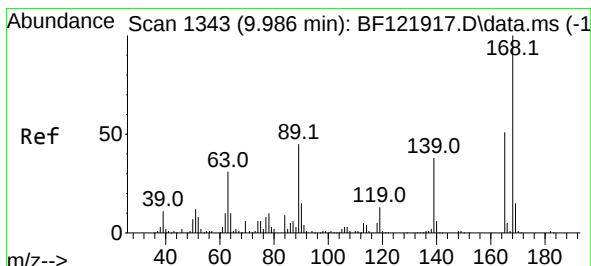
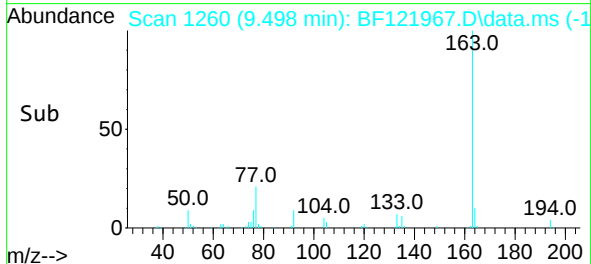
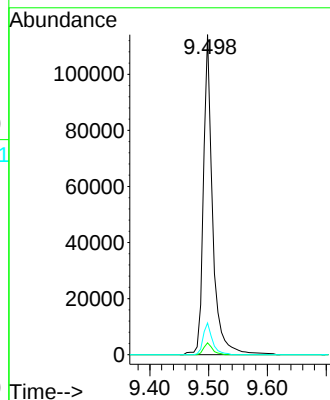
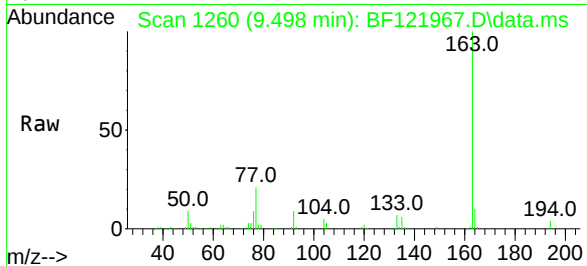




#50
Dimethylphthalate
Concen: 8.00 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.018 min
Lab File: BF121967.D
Acq: 14 Oct 2020 20:10

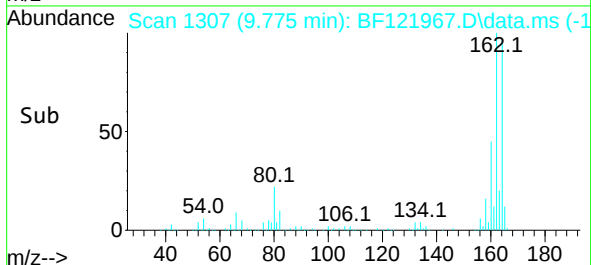
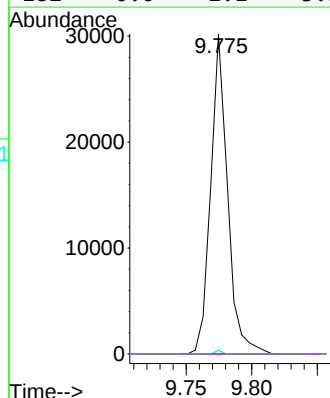
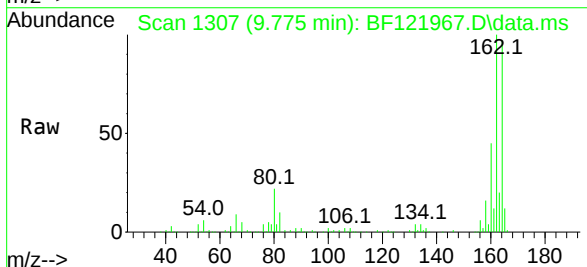
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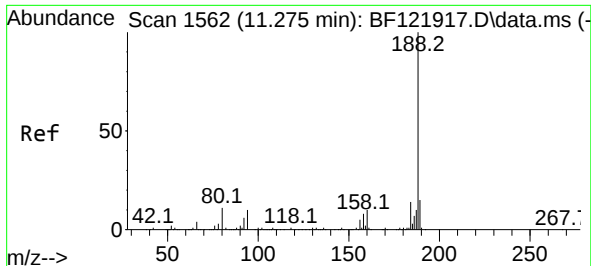
Tgt Ion:163 Resp: 124378
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 9.9 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.45 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF121967.D
Acq: 14 Oct 2020 20:10

Tgt Ion:165 Resp: 27090
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.2 61.8 92.8#
182 0.0 2.1 3.1#

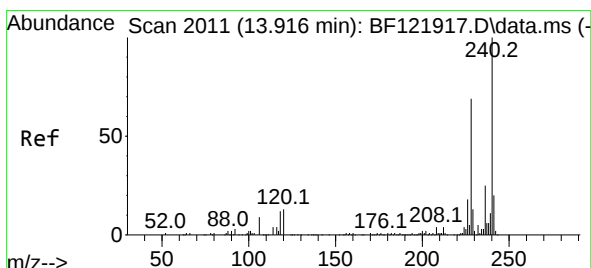
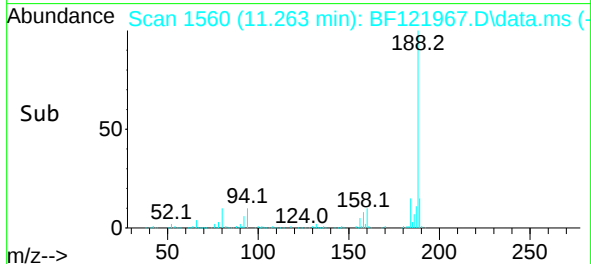
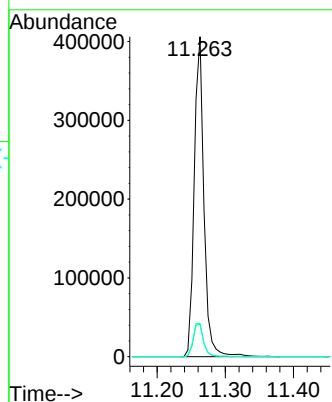
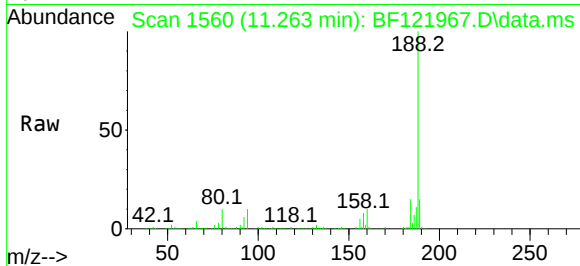




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121967.D
Acq: 14 Oct 2020 20:10

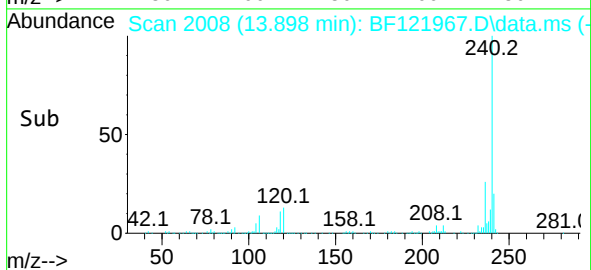
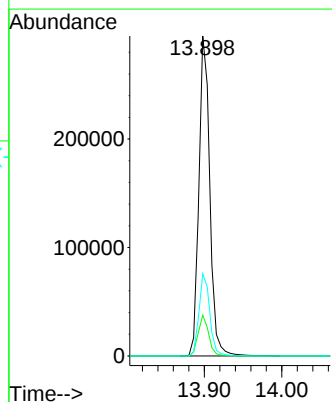
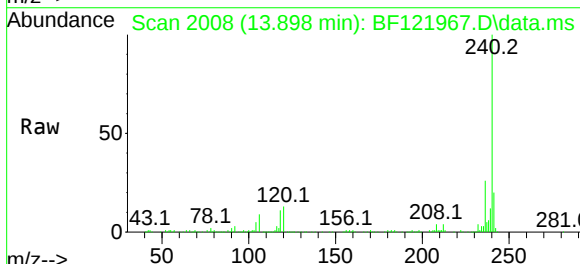
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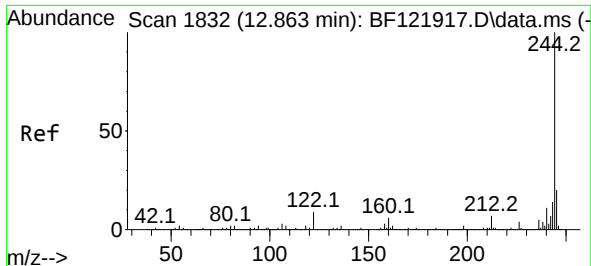
Tgt Ion:188 Resp: 399381
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 10.4 9.1 13.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.018 min
Lab File: BF121967.D
Acq: 14 Oct 2020 20:10

Tgt Ion:240 Resp: 287873
Ion Ratio Lower Upper
240 100
120 12.7 9.2 13.8
236 25.7 20.9 31.3

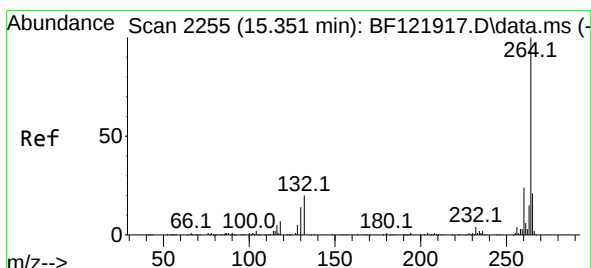
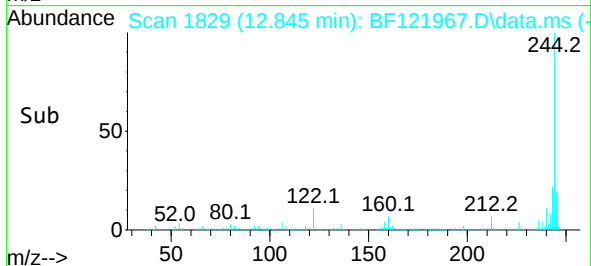
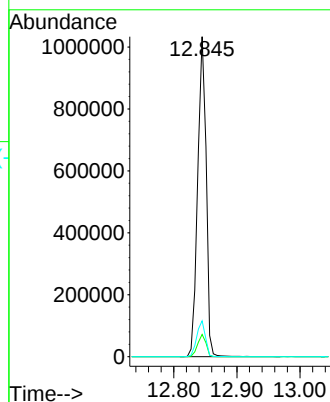
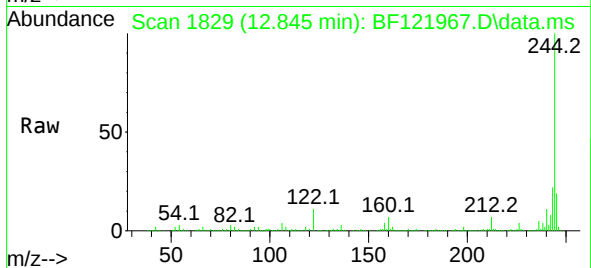




#79
 Terphenyl-d14
 Concen: 63.51 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. -0.018 min
 Lab File: BF121967.D
 Acq: 14 Oct 2020 20:10

Instrument :
 BNA_F
 ClientSampleId :
 A-CONTAINMENT

Tgt Ion:244 Resp: 959417
 Ion Ratio Lower Upper
 244 100
 212 6.9 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: BF121967.D
 Acq: 14 Oct 2020 20:10

Tgt Ion:264 Resp: 223827
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.5 17.3 25.9

