

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
 Data File : BF121960.D
 Acq On : 14 Oct 2020 16:28
 Operator : JU/CG
 Sample : L4380-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-CONCRETE

Quant Time: Oct 14 17:16:49 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)

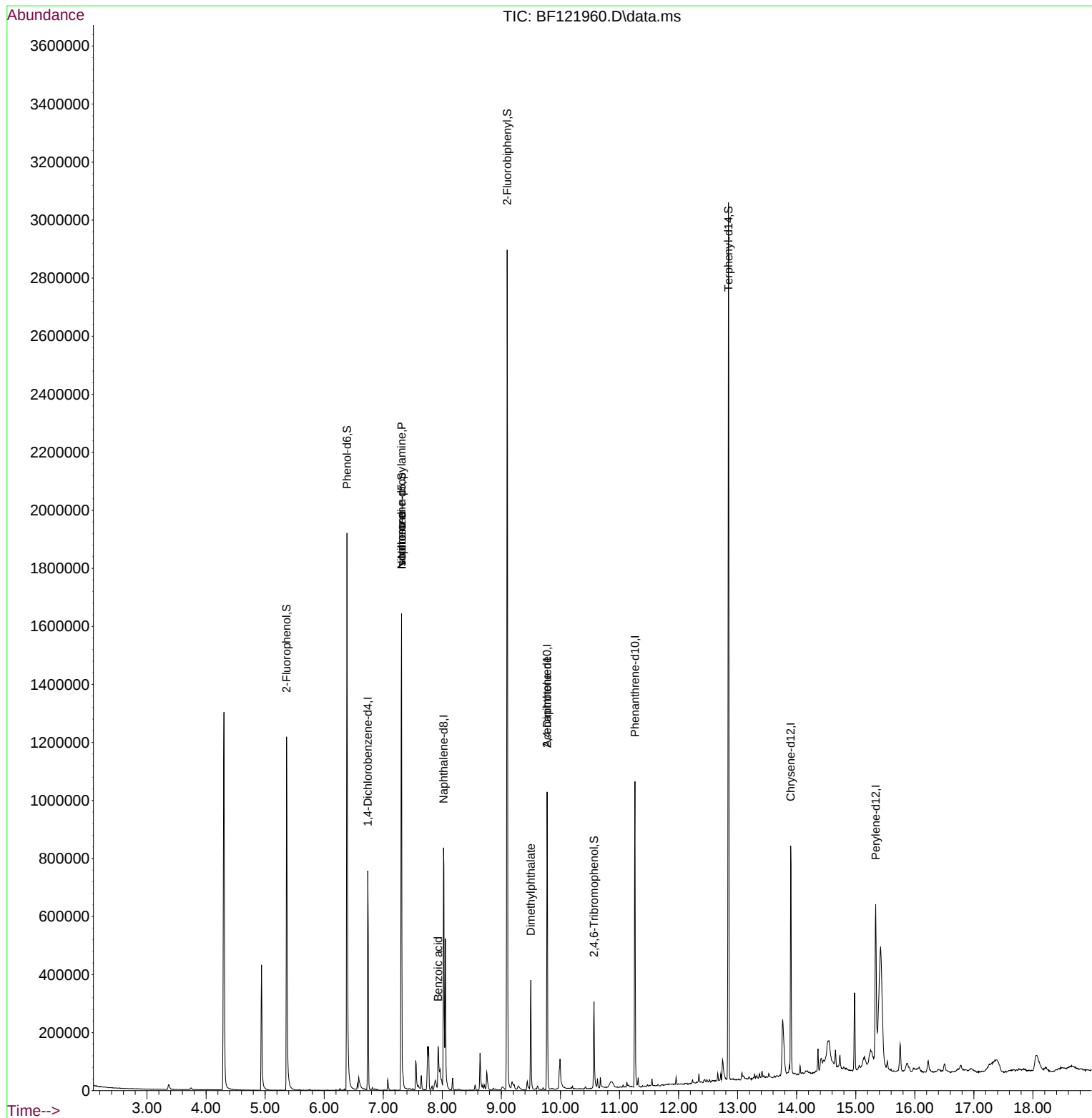
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	104350	20.00	ng	0.00
21) Naphthalene-d8	8.022	136	424680	20.00	ng	-0.01
39) Acenaphthene-d10	9.775	164	207054	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	382166	20.00	ng	-0.01
76) Chrysene-d12	13.898	240	284459	20.00	ng	-0.02
86) Perylene-d12	15.339	264	217437	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	358536	50.71	ng	0.00
7) Phenol-d6	6.387	99	661465	72.68	ng	-0.01
23) Nitrobenzene-d5	7.310	82	537555	64.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	39806	15.54	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	944873	67.14	ng	-0.01
79) Terphenyl-d14	12.845	244	958491	64.22	ng	-0.02
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.269	77	269	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.310	70	71904	13.88	ng	# 79
25) Isophorone	7.310	82	537550	34.33	ng	# 67
32) Benzoic acid	7.928	122	233	7.73	ng	# 1
50) Dimethylphthalate	9.498	163	166559	11.00	ng	98
57) 2,4-Dinitrotoluene	9.775	165	26083	6.38	ng	# 20

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

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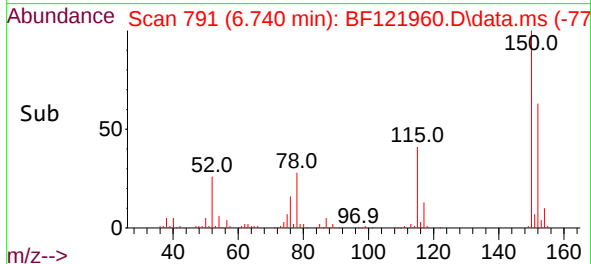
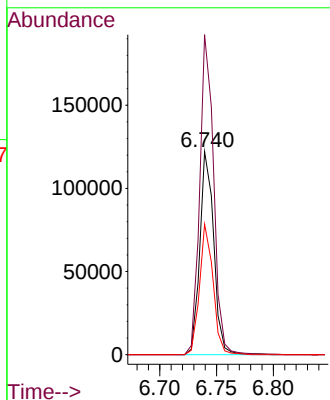
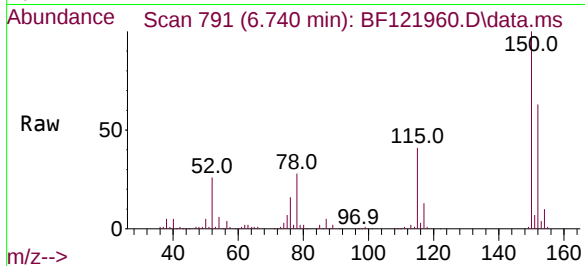




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF121960.D
Acq: 14 Oct 2020 16:28

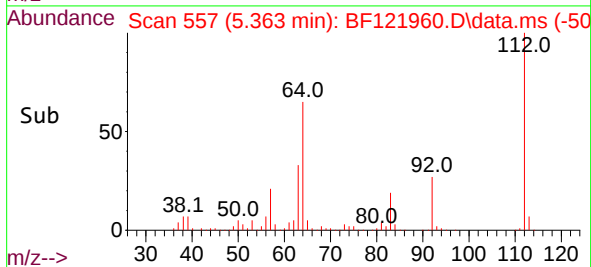
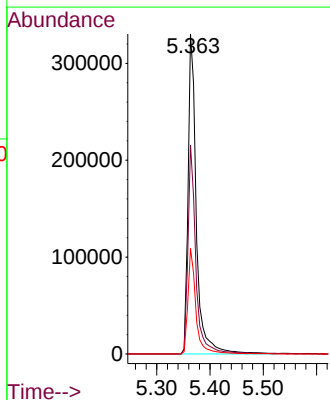
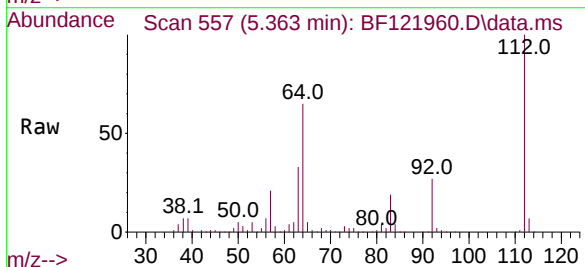
Instrument :
BNA_F
ClientSampleId :
C-CONCRETE

Tgt Ion:152 Resp: 104350
Ion Ratio Lower Upper
152 100
150 157.7 125.3 187.9
115 64.3 51.9 77.9



#5
2-Fluorophenol
Concen: 50.71 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF121960.D
Acq: 14 Oct 2020 16:28

Tgt Ion:112 Resp: 358536
Ion Ratio Lower Upper
112 100
64 65.3 50.4 75.6
63 33.0 25.8 38.6

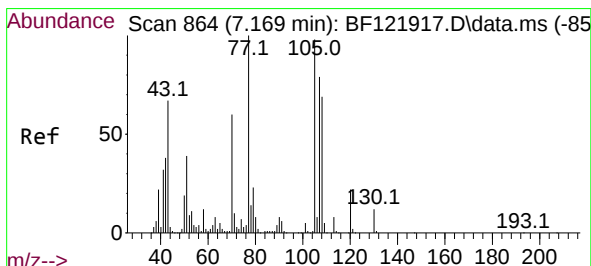
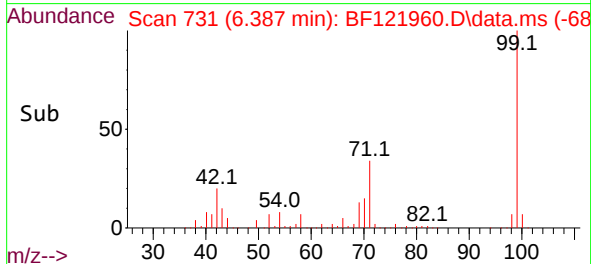
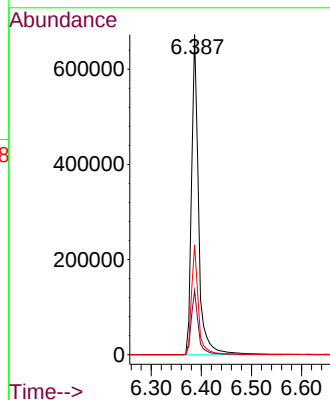
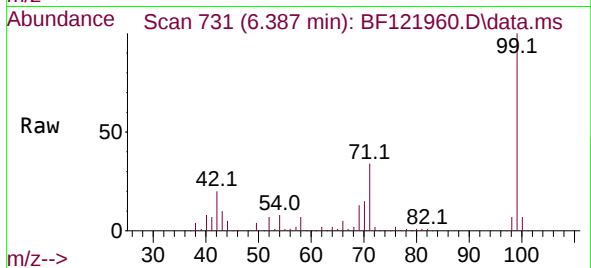




#7
Phenol-d6
Concen: 72.68 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121960.D
Acq: 14 Oct 2020 16:28

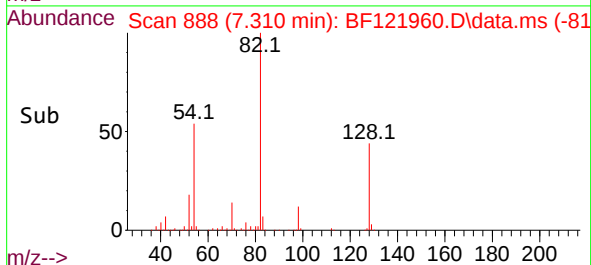
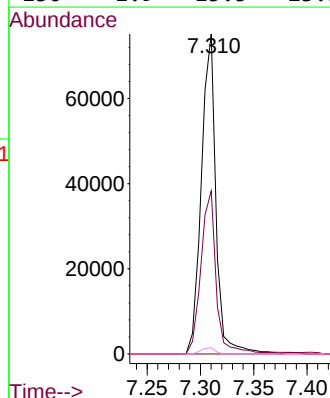
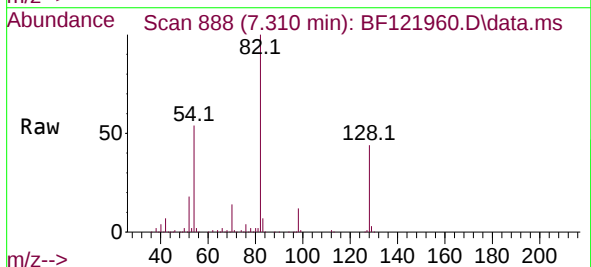
Instrument :
BNA_F
ClientSampleId :
C-CONCRETE

Tgt Ion: 99 Resp: 661465
Ion Ratio Lower Upper
99 100
42 20.1 15.9 23.9
71 34.3 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.88 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.141 min
Lab File: BF121960.D
Acq: 14 Oct 2020 16:28

Tgt Ion: 70 Resp: 71904
Ion Ratio Lower Upper
70 100
42 51.0 50.2 75.4
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



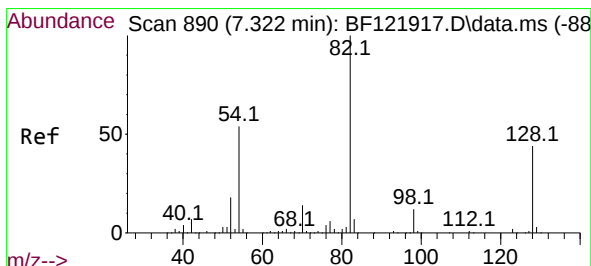
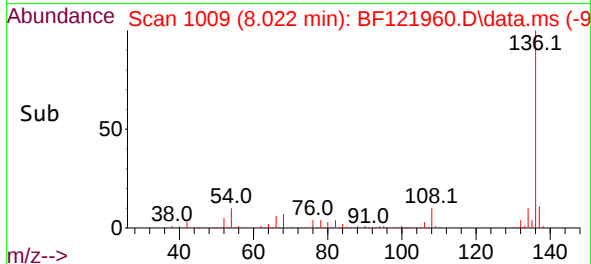
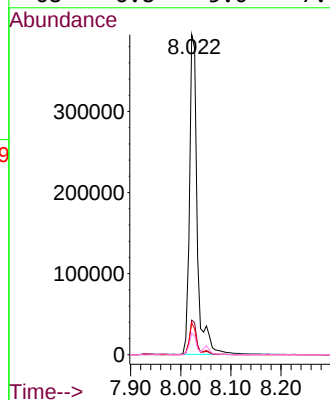
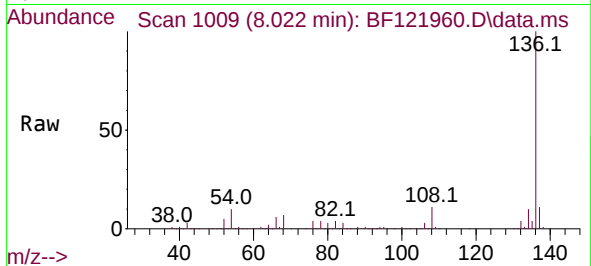


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BF121960.D
Acq: 14 Oct 2020 16:28

Instrument :
BNA_F
ClientSampleId :
C-CONCRETE

Tgt Ion:136 Resp: 424680

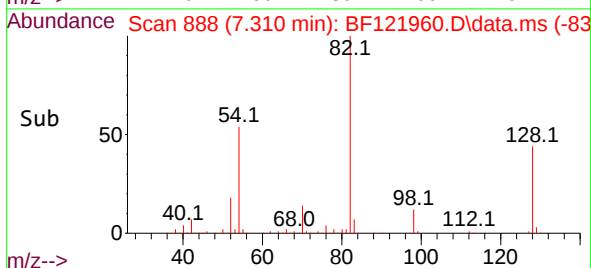
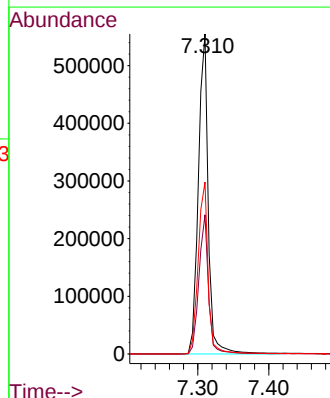
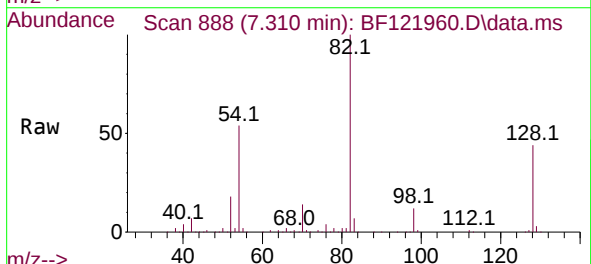
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.0	7.1	10.7
68	6.8	5.0	7.4

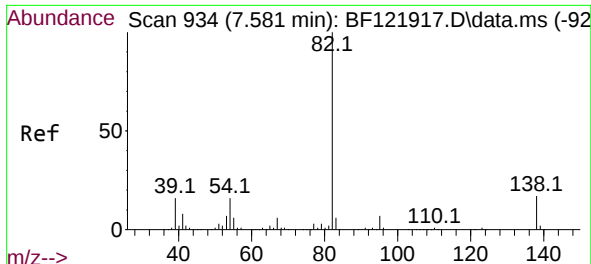


#23
Nitrobenzene-d5
Concen: 64.92 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121960.D
Acq: 14 Oct 2020 16:28

Tgt Ion: 82 Resp: 537555

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.0	52.4
54	53.7	43.9	65.9

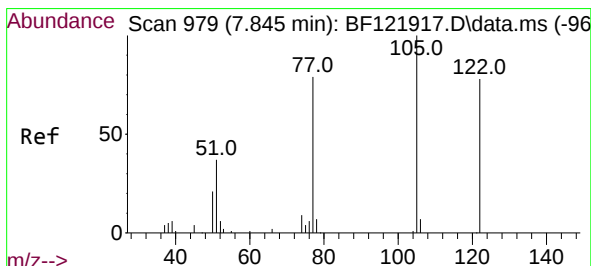
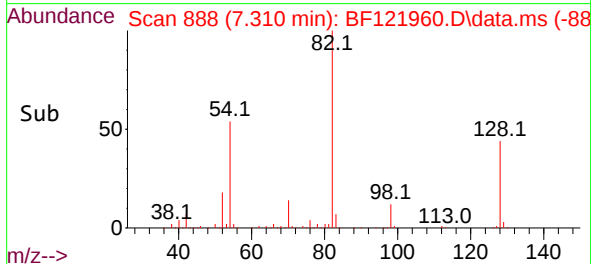
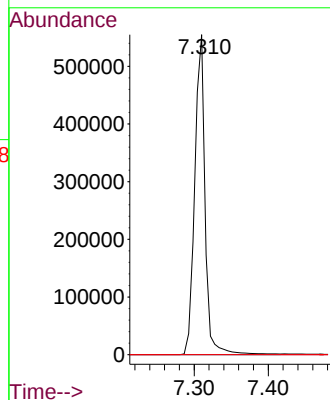
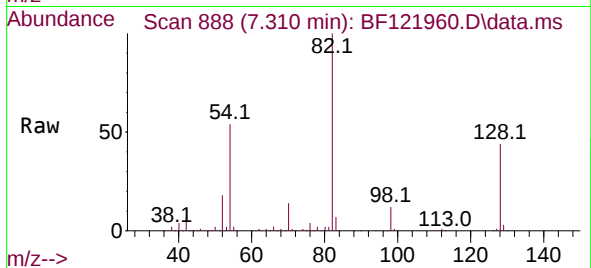




#25
Isophorone
Concen: 34.33 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.271 min
Lab File: BF121960.D
Acq: 14 Oct 2020 16:28

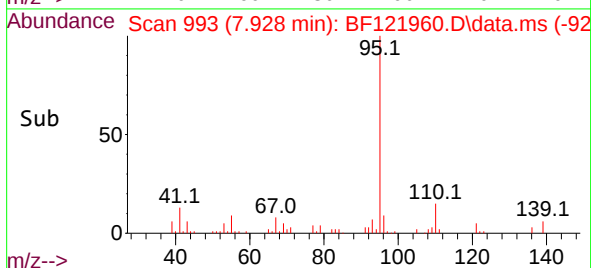
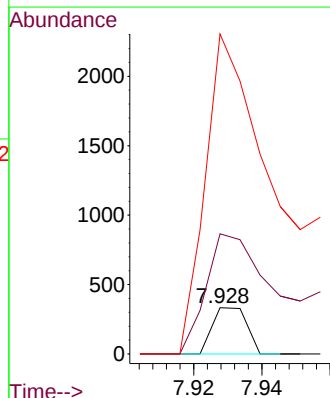
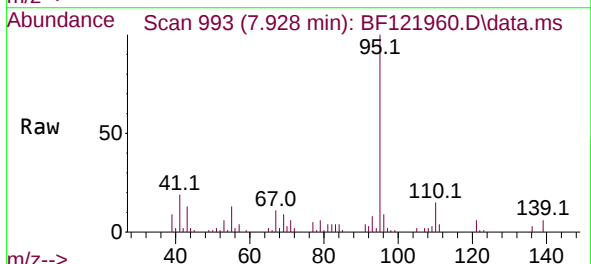
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ClientSampleId :
C-CONCRETE

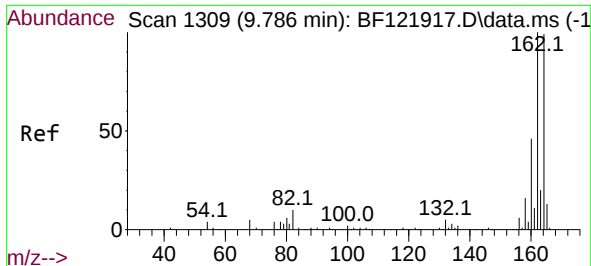
Tgt Ion: 82 Resp: 537550
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.73 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.083 min
Lab File: BF121960.D
Acq: 14 Oct 2020 16:28

Tgt Ion:122 Resp: 233
Ion Ratio Lower Upper
122 100
105 260.1 103.3 143.3#
77 692.2 73.9 113.9#

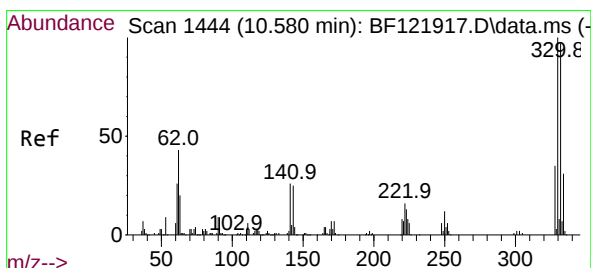
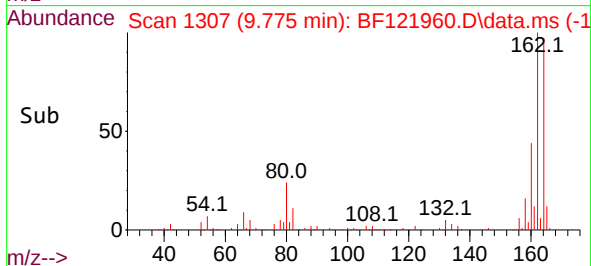
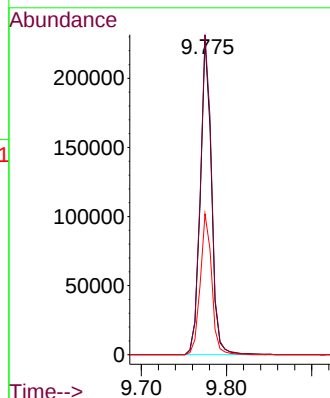
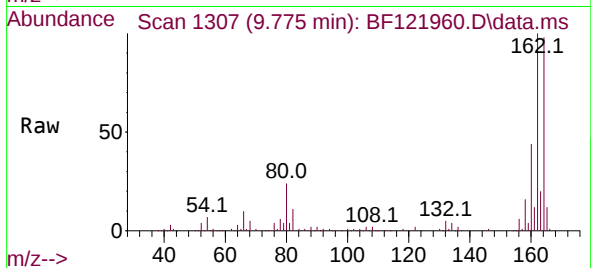




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BF121960.D
Acq: 14 Oct 2020 16:28

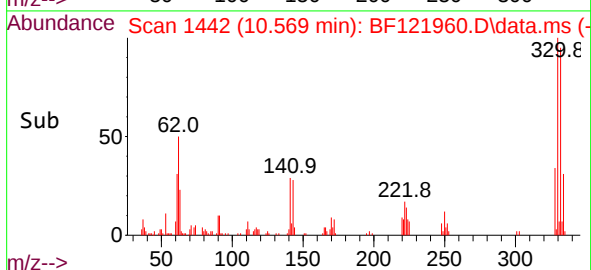
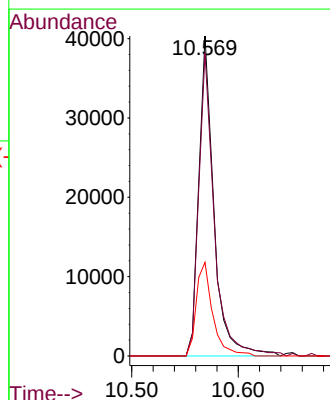
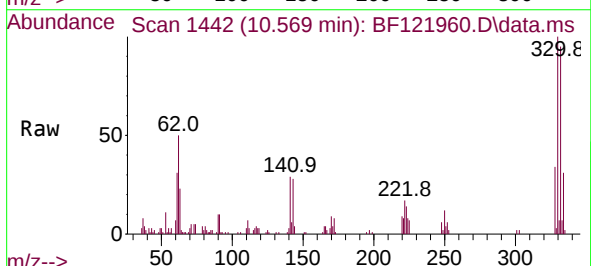
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ClientSampleId :
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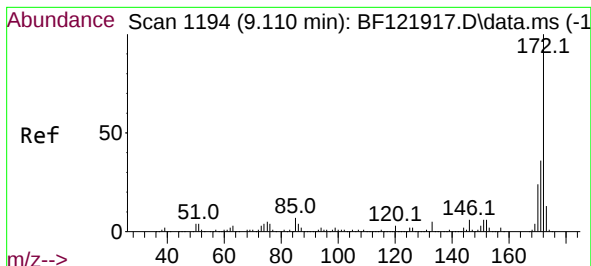
Tgt Ion:164 Resp: 207054
Ion Ratio Lower Upper
164 100
162 101.6 83.2 124.8
160 44.7 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 15.54 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121960.D
Acq: 14 Oct 2020 16:28

Tgt Ion:330 Resp: 39806
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 31.9 22.3 33.5

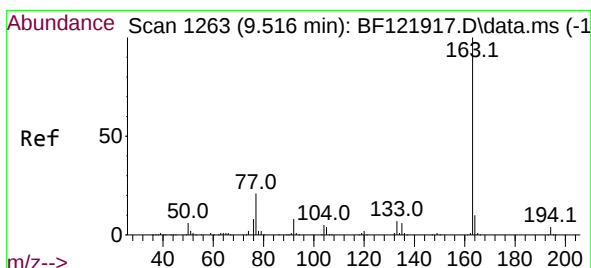
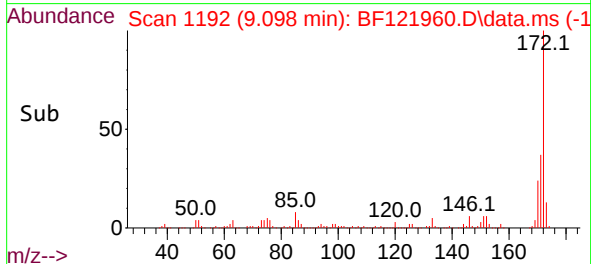
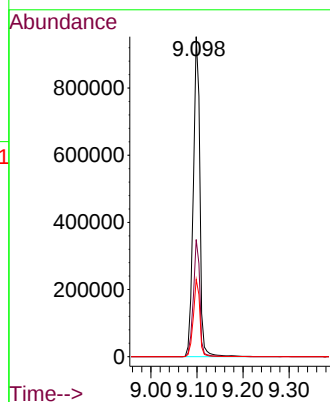
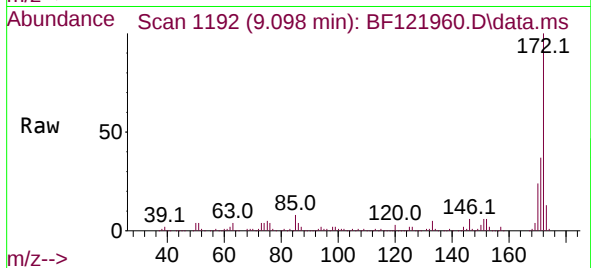




#45
2-Fluorobiphenyl
Concen: 67.14 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF121960.D
Acq: 14 Oct 2020 16:28

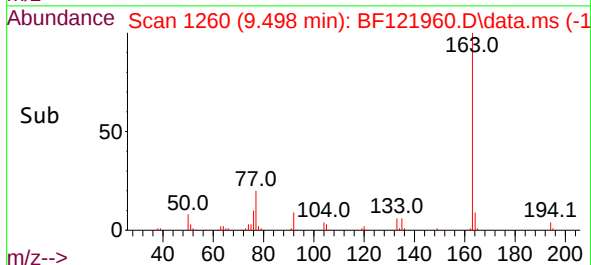
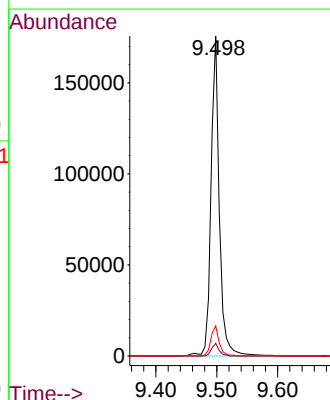
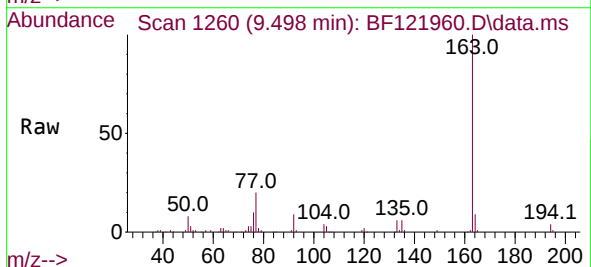
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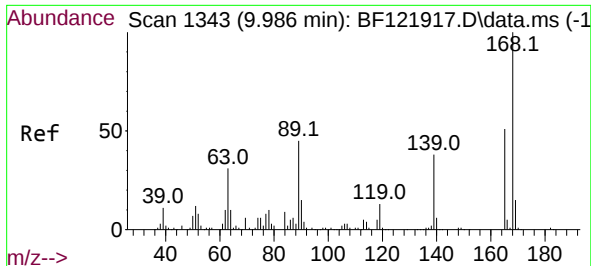
Tgt Ion:172 Resp: 944873
Ion Ratio Lower Upper
172 100
171 36.6 29.1 43.7
170 24.1 19.8 29.6



#50
Dimethylphthalate
Concen: 11.00 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.018 min
Lab File: BF121960.D
Acq: 14 Oct 2020 16:28

Tgt Ion:163 Resp: 166559
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.4 8.2 12.4

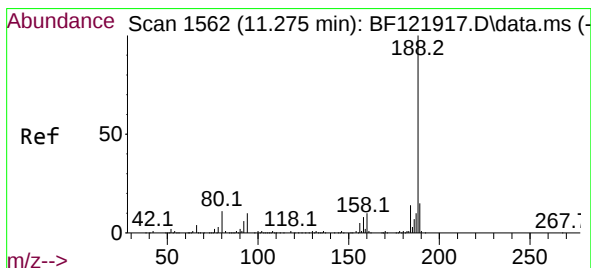
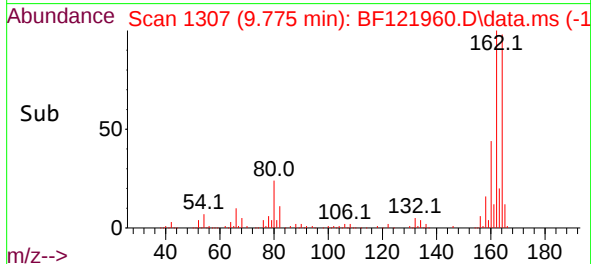
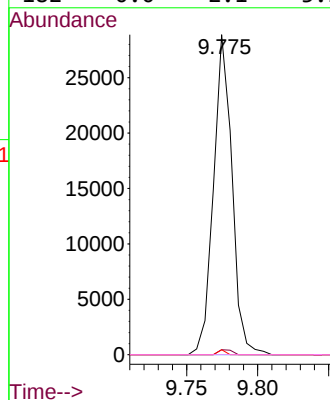
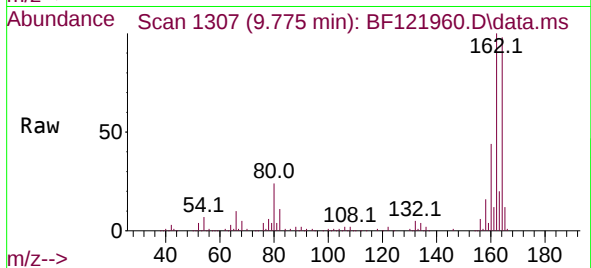




#57
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF121960.D
Acq: 14 Oct 2020 16:28

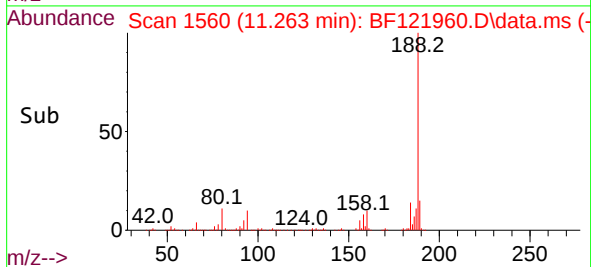
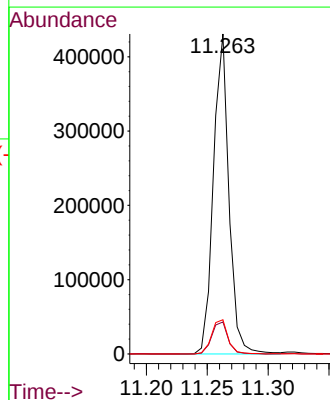
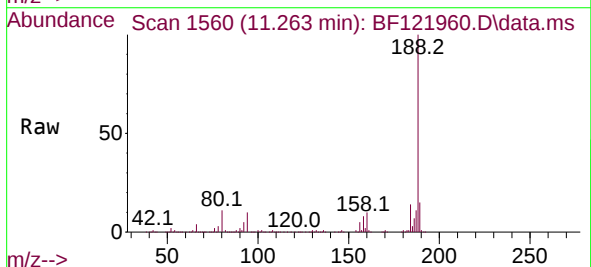
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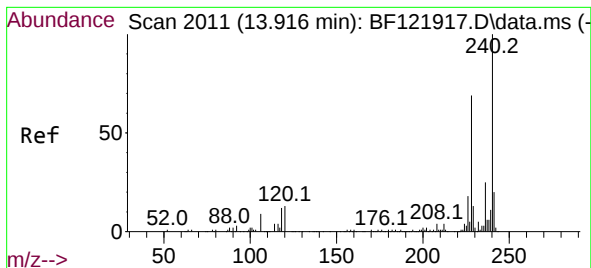
Tgt Ion:	165	Resp:	26083
Ion	Ratio	Lower	Upper
165	100		
63	1.6	41.3	61.9#
89	1.6	61.8	92.8#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121960.D
Acq: 14 Oct 2020 16:28

Tgt Ion:	188	Resp:	382166
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.3	12.5
80	10.7	9.1	13.7

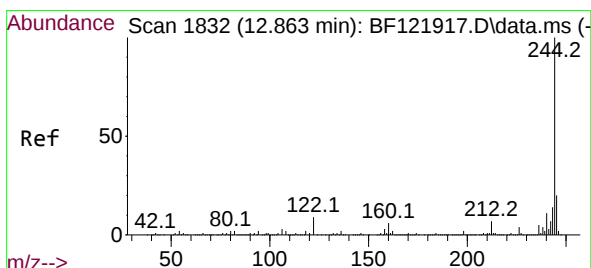
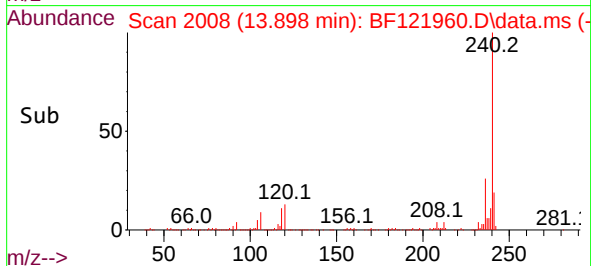
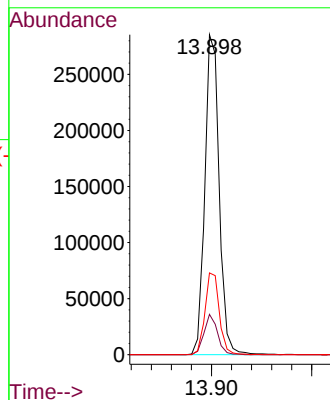
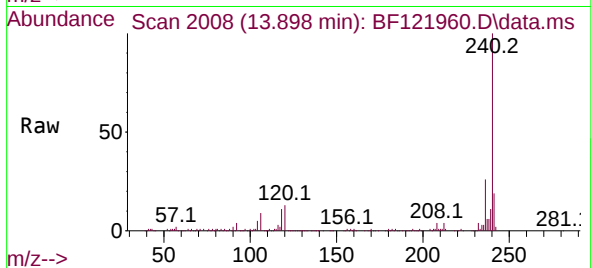




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.018 min
Lab File: BF121960.D
Acq: 14 Oct 2020 16:28

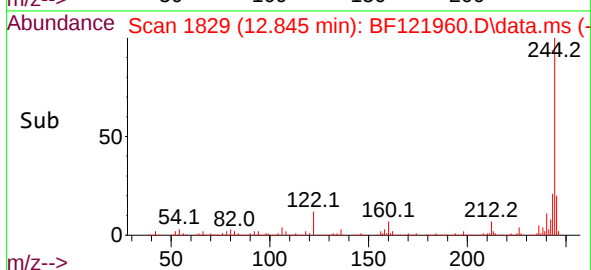
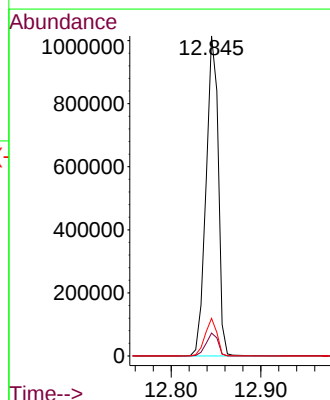
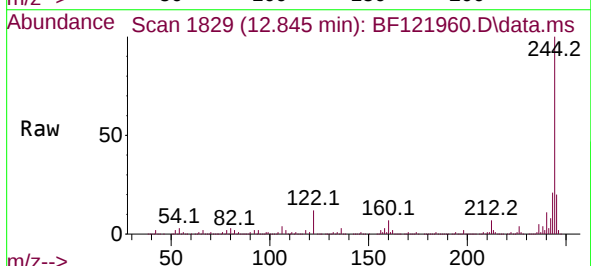
Instrument :
BNA_F
ClientSampleId :
C-CONCRETE

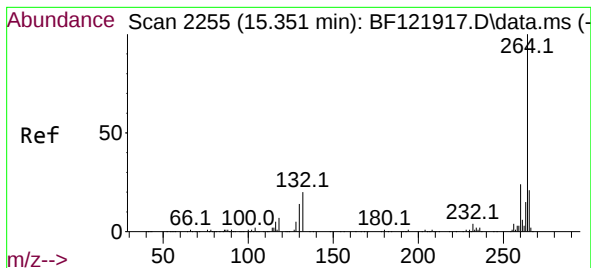
Tgt Ion:240 Resp: 284459
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 25.5 20.9 31.3



#79
Terphenyl-d14
Concen: 64.22 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.018 min
Lab File: BF121960.D
Acq: 14 Oct 2020 16:28

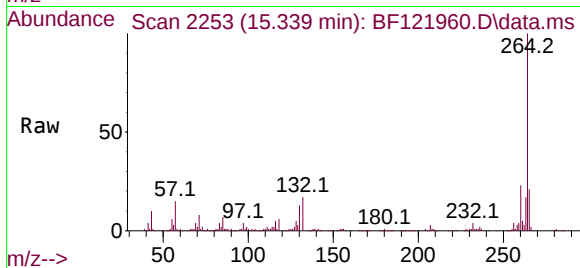
Tgt Ion:244 Resp: 958491
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 11.7 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.339 min Scan# 2253
 Delta R.T. -0.012 min
 Lab File: BF121960.D
 Acq: 14 Oct 2020 16:28

Instrument :
 BNA_F
 ClientSampleId :
 C-CONCRETE



Tgt Ion:264 Resp: 217437

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.7	28.1
265	21.1	17.3	25.9

