

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
 Data File : BF121966.D
 Acq On : 14 Oct 2020 19:38
 Operator : JU/CG
 Sample : L4380-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-CONCRETE

Quant Time: Oct 15 01:23:24 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)

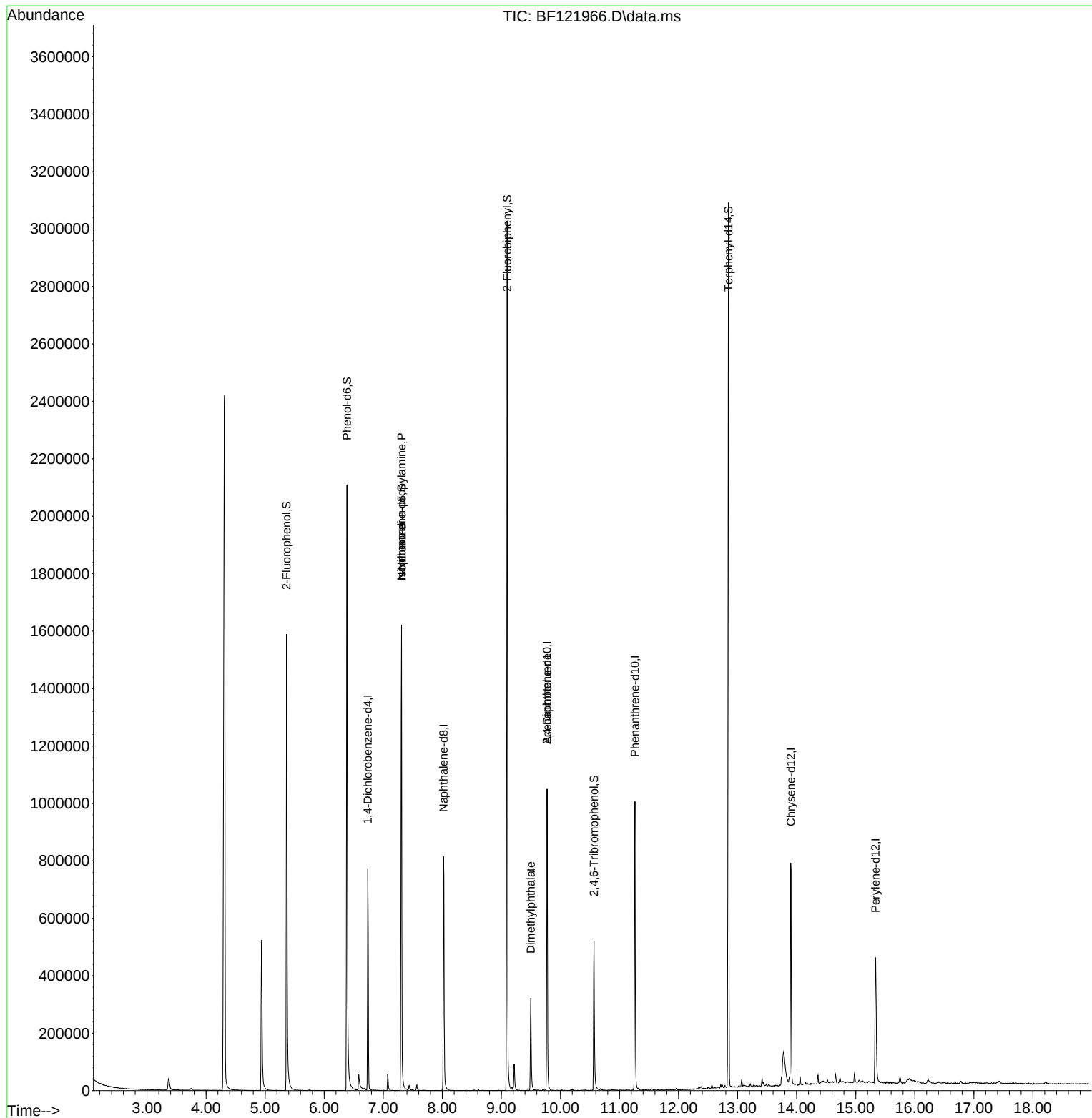
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	106324	20.00	ng	0.00
21) Naphthalene-d8	8.022	136	415178	20.00	ng	-0.01
39) Acenaphthene-d10	9.774	164	209775	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	395510	20.00	ng	-0.01
76) Chrysene-d12	13.904	240	292654	20.00	ng	-0.01
86) Perylene-d12	15.333	264	223451	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	460008	63.85	ng	0.00
7) Phenol-d6	6.386	99	731028	78.83	ng	-0.01
23) Nitrobenzene-d5	7.310	82	552385	68.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	78382	30.21	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	963613	67.59	ng	-0.01
79) Terphenyl-d14	12.845	244	1001282	65.20	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.386	77	812	Below Cal	Qvalue	# 3
19) n-Nitroso-di-n-propyla...	7.310	70	73816	13.98	ng	# 78
25) Isophorone	7.310	82	552380	36.09	ng	# 67
50) Dimethylphthalate	9.498	163	165726	10.80	ng	99
57) 2,4-Dinitrotoluene	9.774	165	27231	6.57	ng	# 20

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

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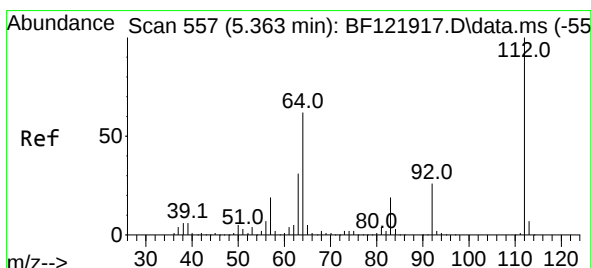
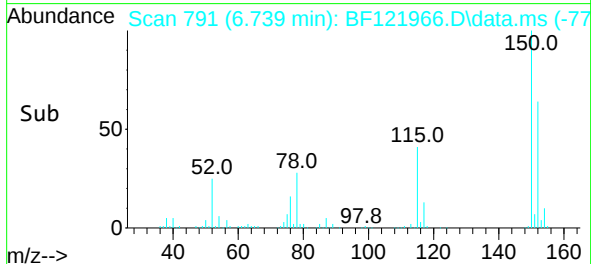
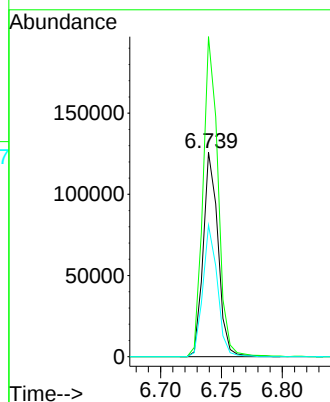
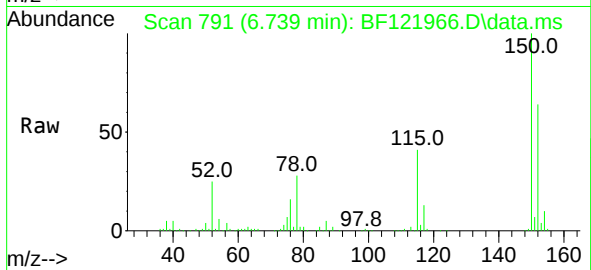




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF121966.D
Acq: 14 Oct 2020 19:38

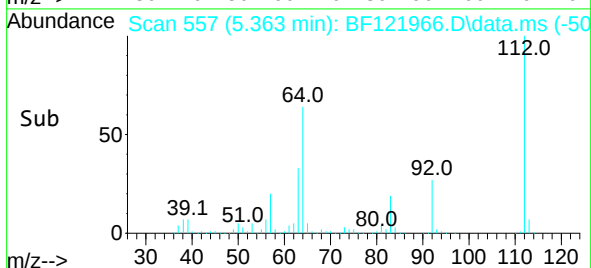
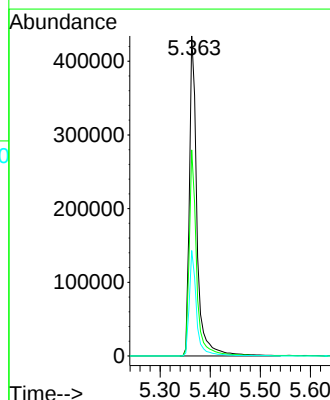
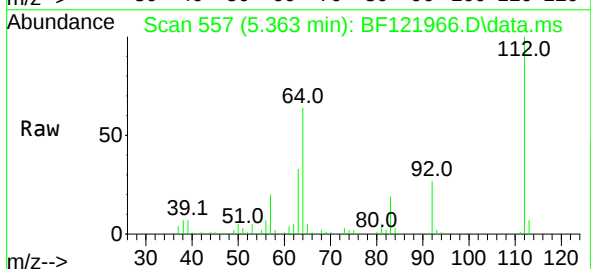
Instrument :
BNA_F
ClientSampleId :
A-CONCRETE

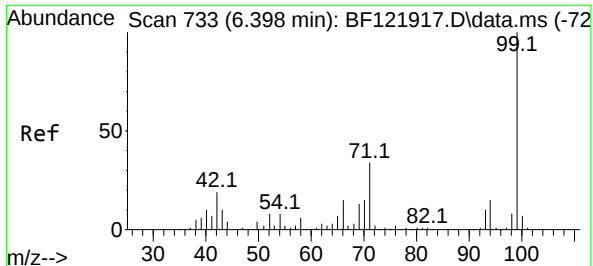
Tgt Ion:152 Resp: 106324
Ion Ratio Lower Upper
152 100
150 156.6 125.3 187.9
115 64.4 51.9 77.9



#5
2-Fluorophenol
Concen: 63.85 ng
RT: 5.363 min Scan# 557
Delta R.T. -0.000 min
Lab File: BF121966.D
Acq: 14 Oct 2020 19:38

Tgt Ion:112 Resp: 460008
Ion Ratio Lower Upper
112 100
64 64.4 50.4 75.6
63 33.0 25.8 38.6

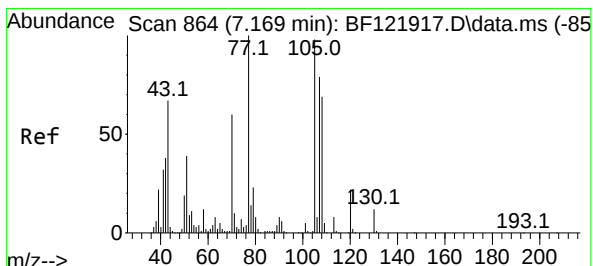
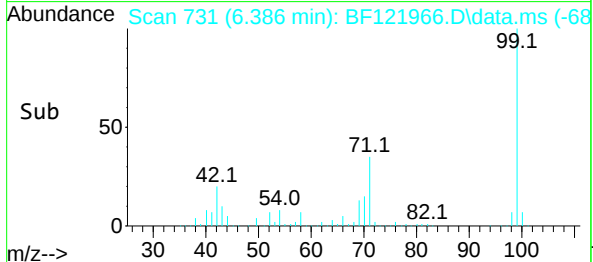
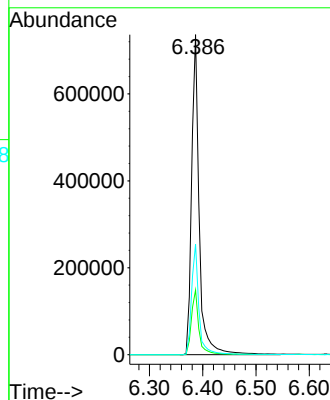
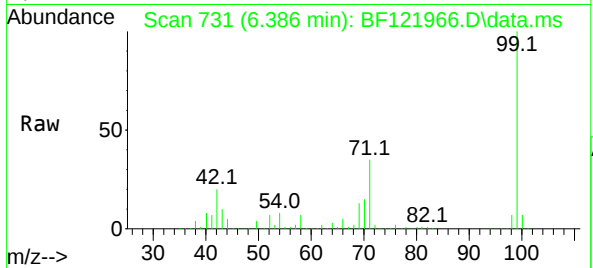




#7
Phenol-d6
Concen: 78.83 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121966.D
Acq: 14 Oct 2020 19:38

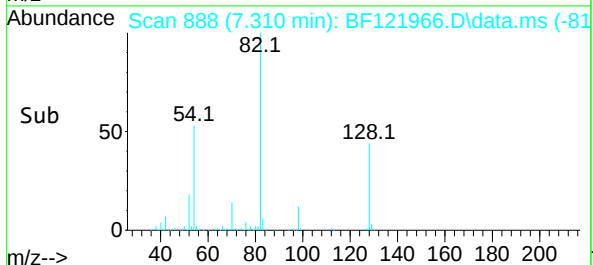
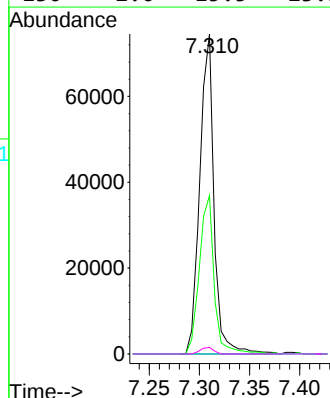
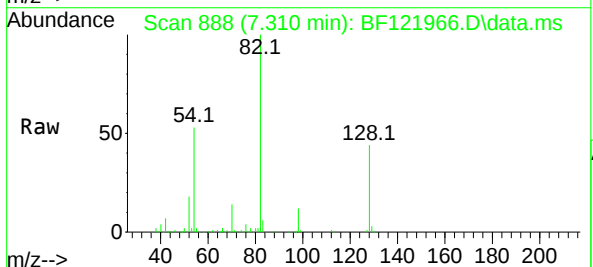
Instrument :
BNA_F
ClientSampleId :
A-CONCRETE

Tgt Ion: 99 Resp: 731028
Ion Ratio Lower Upper
99 100
42 20.2 15.9 23.9
71 34.5 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.98 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.141 min
Lab File: BF121966.D
Acq: 14 Oct 2020 19:38

Tgt Ion: 70 Resp: 73816
Ion Ratio Lower Upper
70 100
42 49.6 50.2 75.4#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#

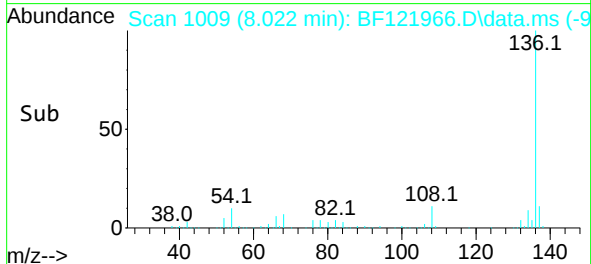
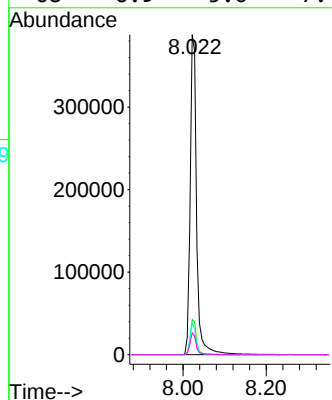
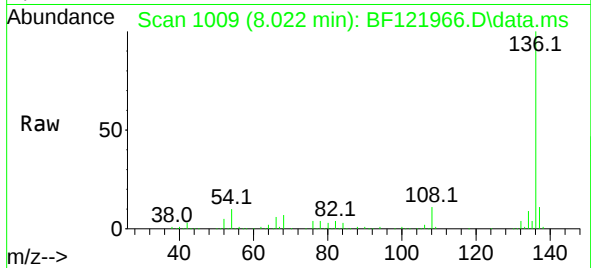




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BF121966.D
Acq: 14 Oct 2020 19:38

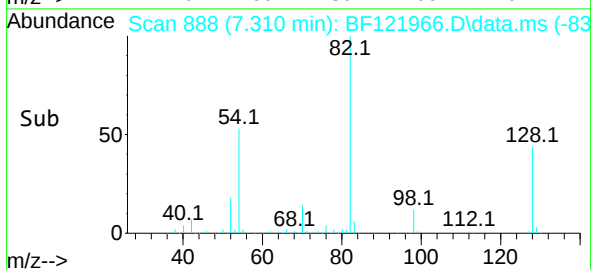
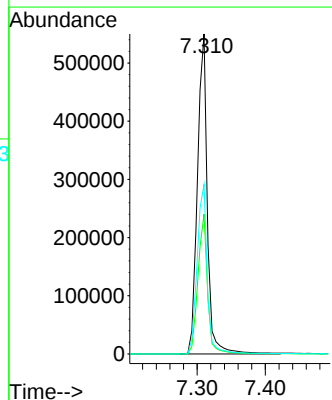
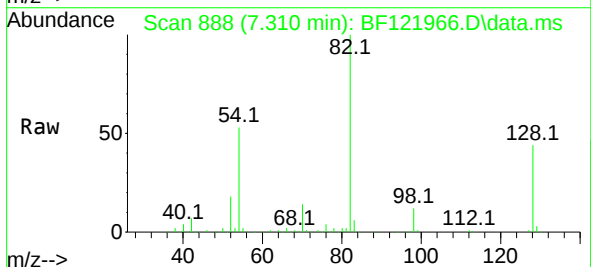
Instrument :
BNA_F
ClientSampleId :
A-CONCRETE

Tgt Ion:136 Resp: 415178
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.9 7.1 10.7
68 6.9 5.0 7.4



#23
Nitrobenzene-d5
Concen: 68.23 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121966.D
Acq: 14 Oct 2020 19:38

Tgt Ion: 82 Resp: 552385
Ion Ratio Lower Upper
82 100
128 43.7 35.0 52.4
54 53.0 43.9 65.9

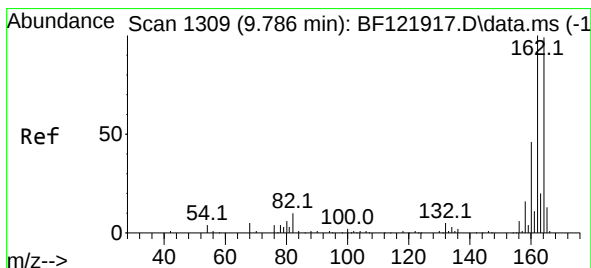
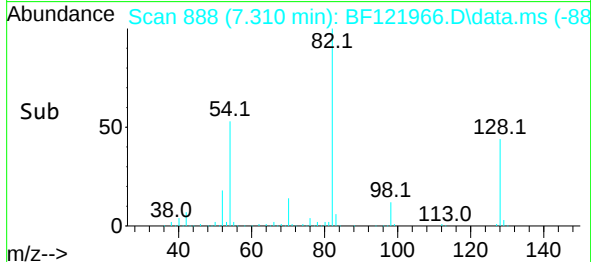
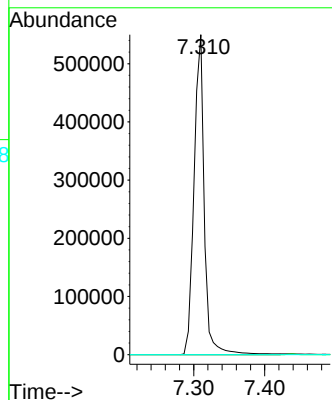
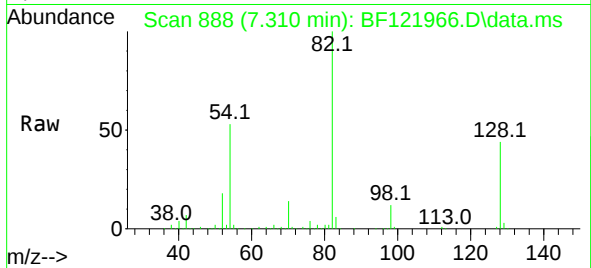




#25
Isophorone
Concen: 36.09 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.271 min
Lab File: BF121966.D
Acq: 14 Oct 2020 19:38

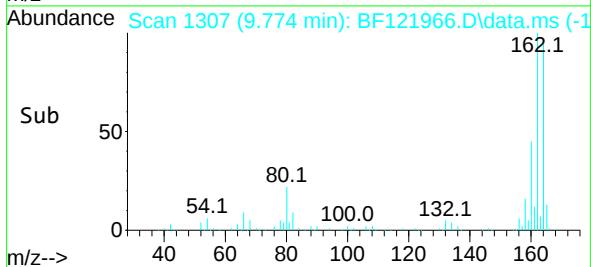
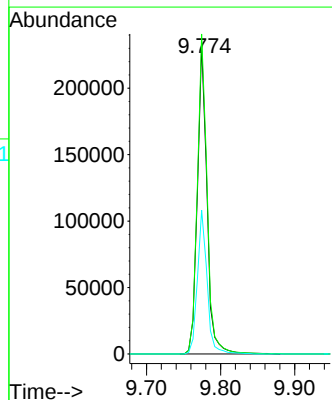
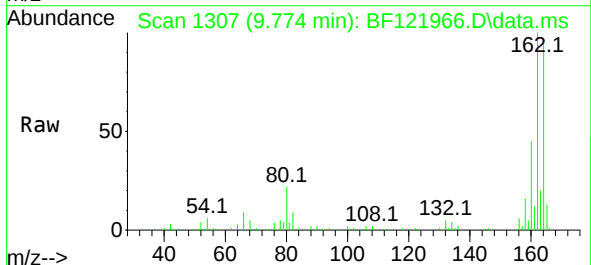
Instrument :
BNA_F
ClientSampleId :
A-CONCRETE

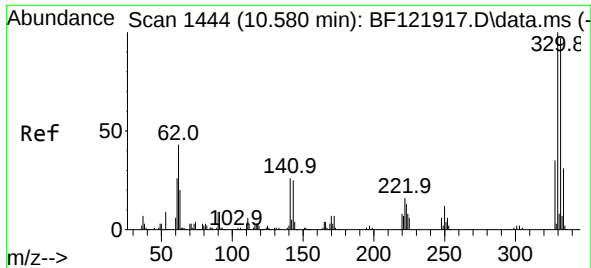
Tgt Ion: 82 Resp: 552380
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF121966.D
Acq: 14 Oct 2020 19:38

Tgt Ion:164 Resp: 209775
Ion Ratio Lower Upper
164 100
162 103.6 83.2 124.8
160 46.6 37.5 56.3

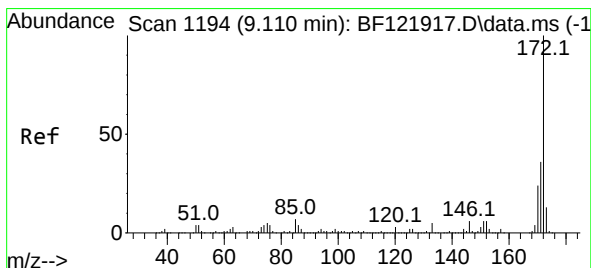
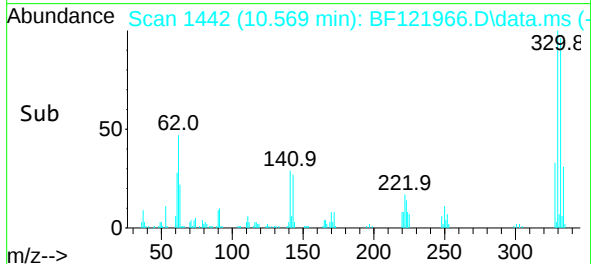
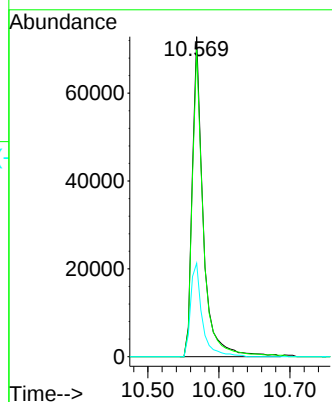
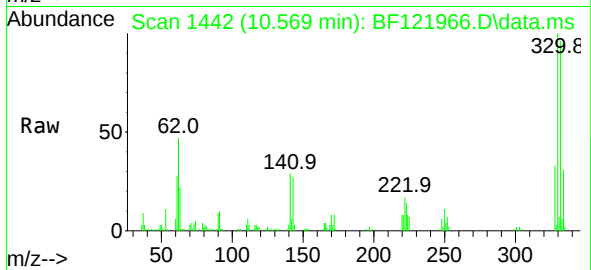




#42
2,4,6-Tribromophenol
Concen: 30.21 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121966.D
Acq: 14 Oct 2020 19:38

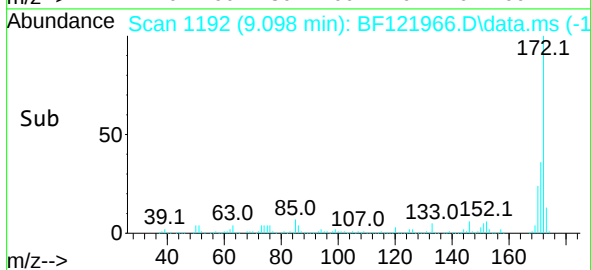
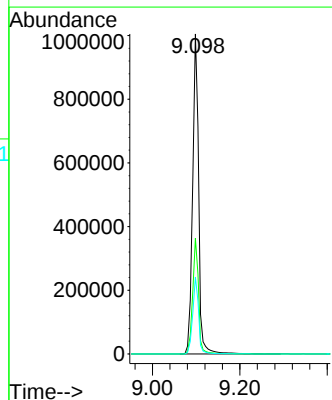
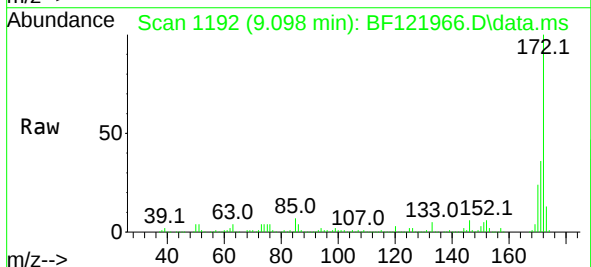
Instrument :
BNA_F
ClientSampleId :
A-CONCRETE

Tgt Ion:330 Resp: 78382
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 30.9 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 67.59 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF121966.D
Acq: 14 Oct 2020 19:38

Tgt Ion:172 Resp: 963613
Ion Ratio Lower Upper
172 100
171 36.1 29.1 43.7
170 24.0 19.8 29.6

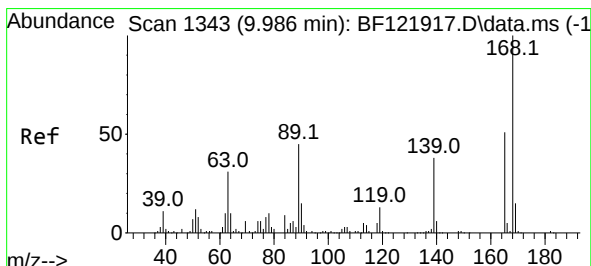
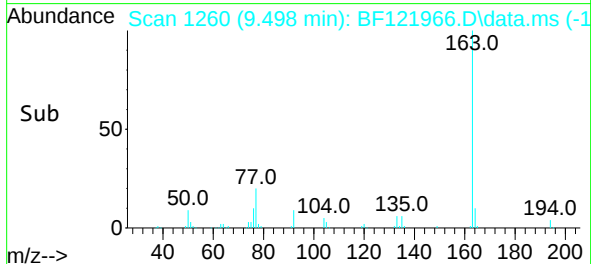
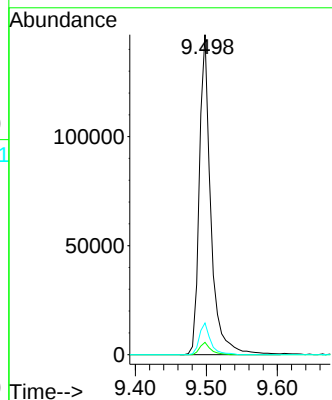
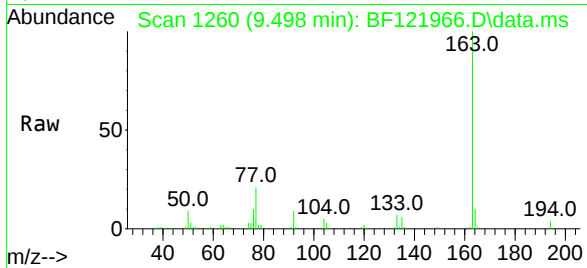




#50
Dimethylphthalate
Concen: 10.80 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.018 min
Lab File: BF121966.D
Acq: 14 Oct 2020 19:38

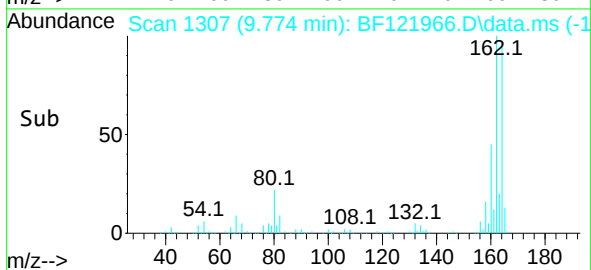
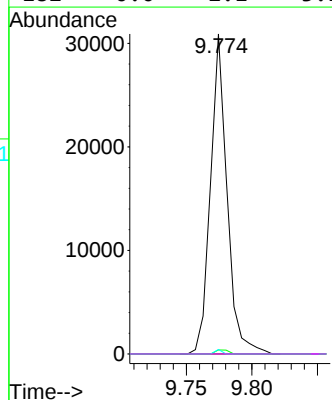
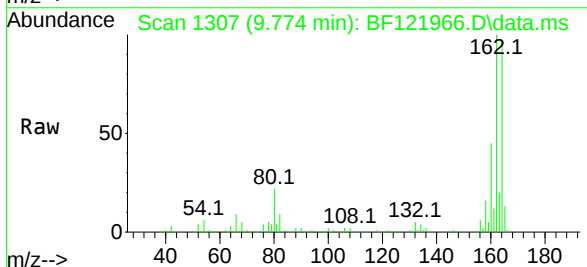
Instrument :
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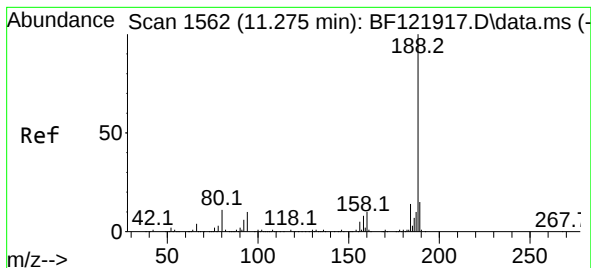
Tgt Ion:163 Resp: 165726
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.9 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.57 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF121966.D
Acq: 14 Oct 2020 19:38

Tgt Ion:165 Resp: 27231
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.4 61.8 92.8#
182 0.0 2.1 3.1#

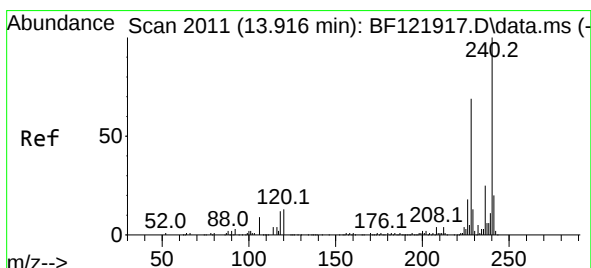
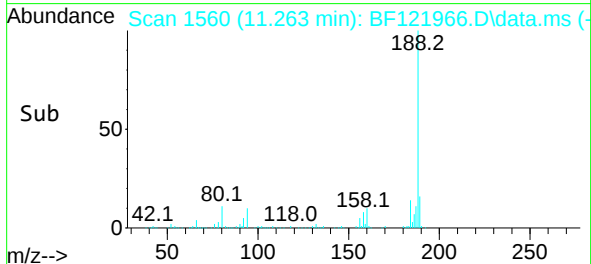
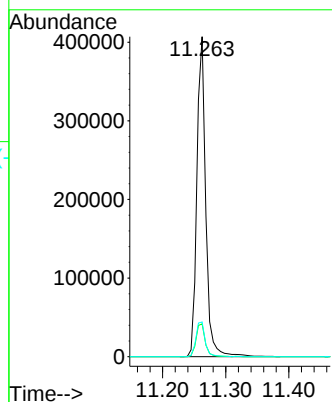
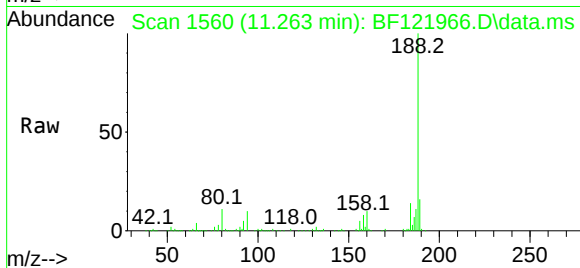




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121966.D
Acq: 14 Oct 2020 19:38

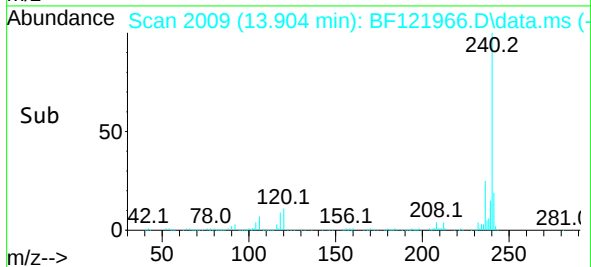
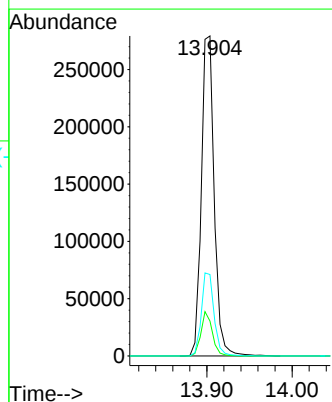
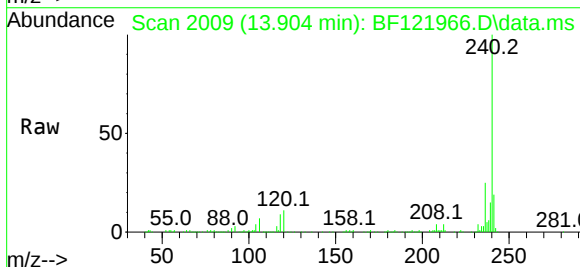
Instrument :
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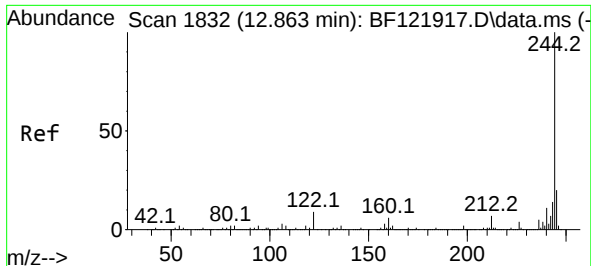
Tgt Ion:188 Resp: 395510
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 10.9 9.1 13.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF121966.D
Acq: 14 Oct 2020 19:38

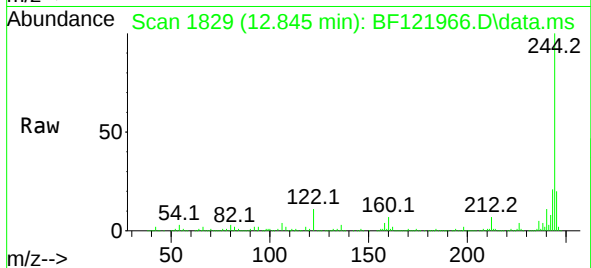
Tgt Ion:240 Resp: 292654
Ion Ratio Lower Upper
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120 10.9 9.2 13.8
236 25.5 20.9 31.3



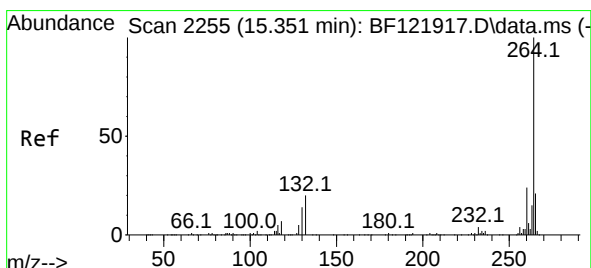
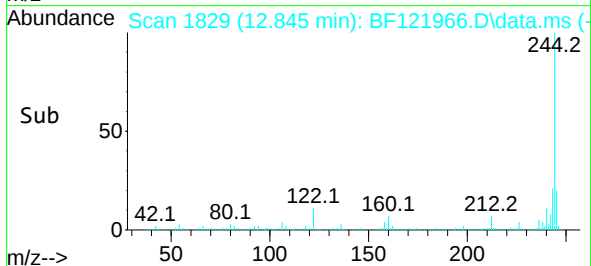
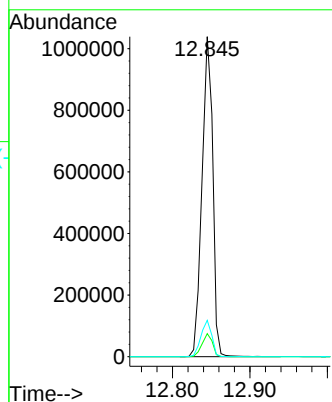


#79
 Terphenyl-d14
 Concen: 65.20 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. -0.018 min
 Lab File: BF121966.D
 Acq: 14 Oct 2020 19:38

Instrument :
 BNA_F
 ClientSampleId :
 A-CONCRETE



Tgt Ion:244 Resp: 1001282
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 11.4 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.333 min Scan# 2252
 Delta R.T. -0.018 min
 Lab File: BF121966.D
 Acq: 14 Oct 2020 19:38

Tgt Ion:264 Resp: 223451
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.1 17.3 25.9

