

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
 Data File : BF112886.D
 Acq On : 6 Mar 2019 17:15
 Operator : JU/SJ
 Sample : K1733-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIBERTY-ST-CONCRETE

Quant Time: Mar 07 04:19:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

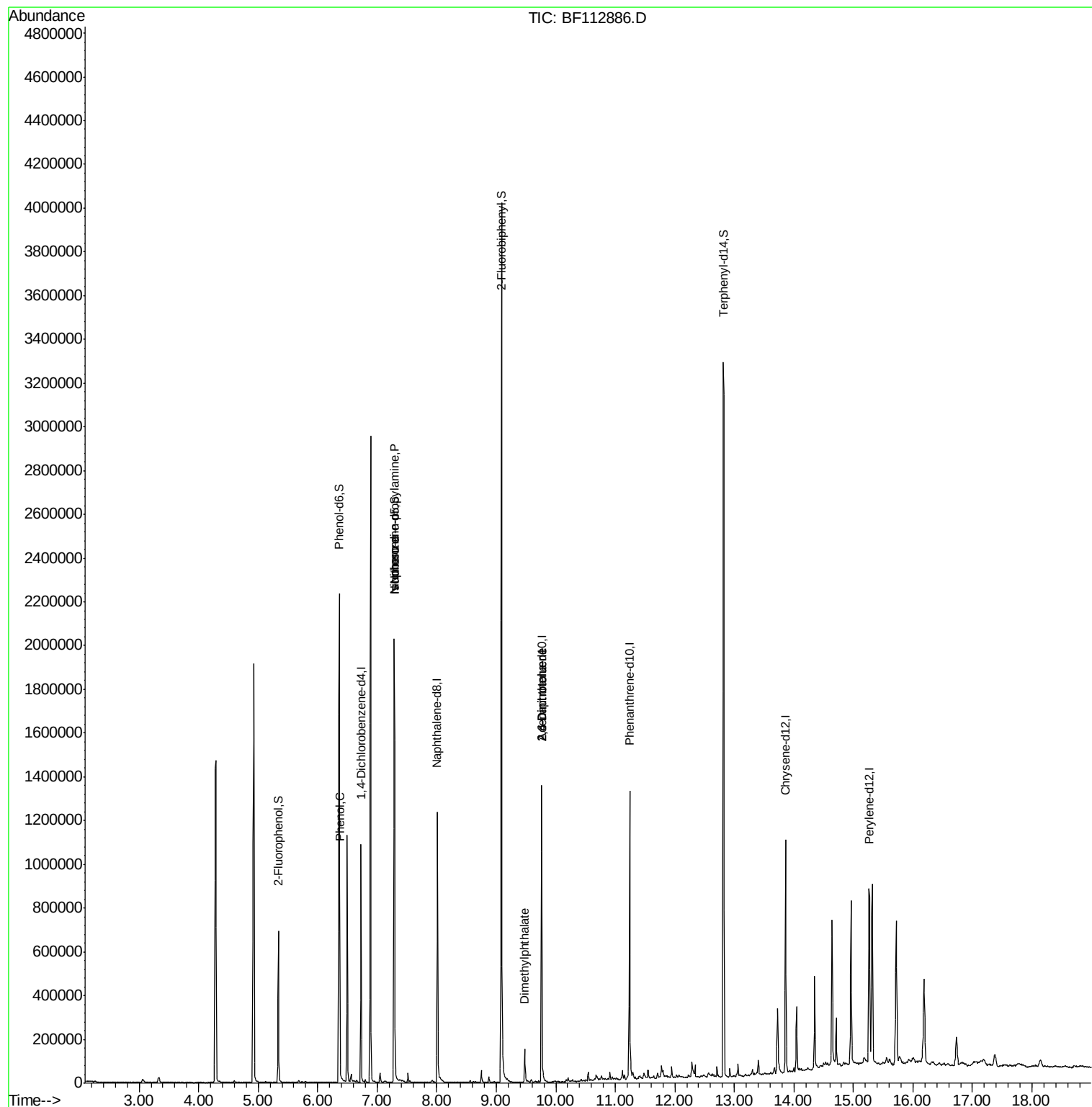
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	158490	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	607560	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	287150	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	543843	20.00	ng	0.00
76) Chrysene-d12	13.86	240	394339	20.00	ng	-0.01
87) Perylene-d12	15.26	264	404947	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	180253	17.69	ng	0.00
7) Phenol-d6	6.36	99	742382	58.00	ng	0.00
23) Nitrobenzene-d5	7.29	82	693658	68.32	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	5749	1.89	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1331046	74.29	ng	-0.01
79) Terphenyl-d14	12.82	244	1256016	61.74	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	50405	3.375	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	90525	11.168	ng	# 78
25) Isophorone	7.29	82	682692	31.210	ng	# 66
50) Dimethylphthalate	9.48	163	71776	3.390	ng	99
51) 2,6-Dinitrotoluene	9.76	165	36709	8.326	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	36839	6.722	ng	# 18

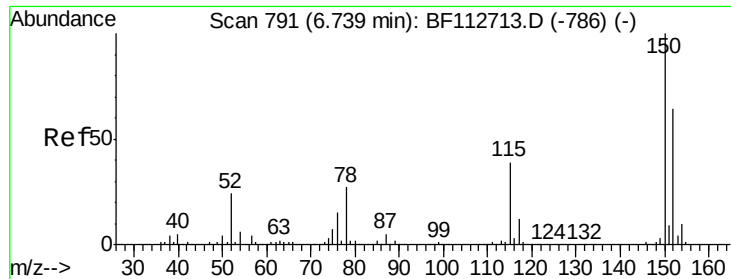
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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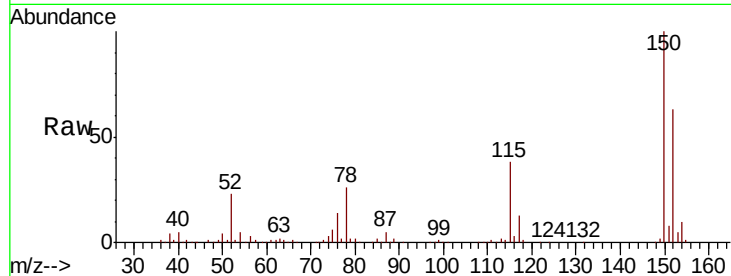


#1

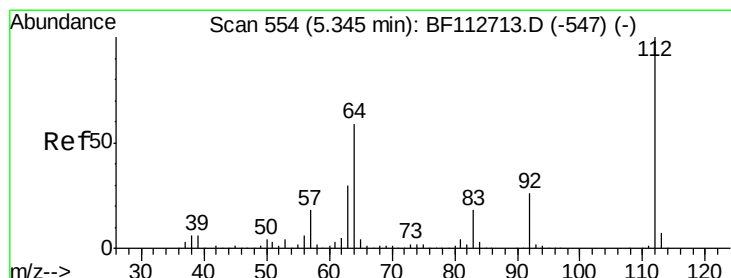
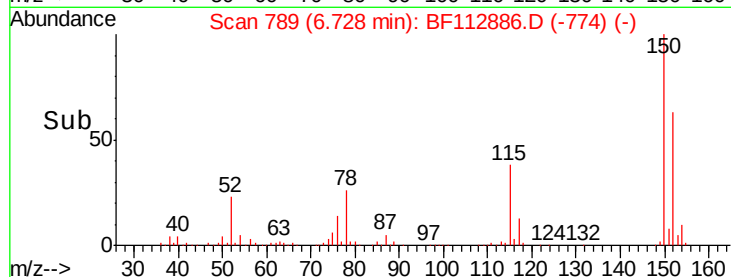
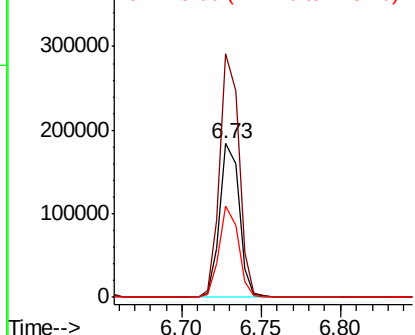
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112886.D
Acq: 6 Mar 2019 17:15

Instrument :
BNA_F
ClientSampleId :
LIBERTY-ST-CONCRETE

Tgt Ion:152 Resp: 158490
Ion Ratio Lower Upper
152 100
150 158.6 124.2 186.2
115 59.8 48.2 72.4



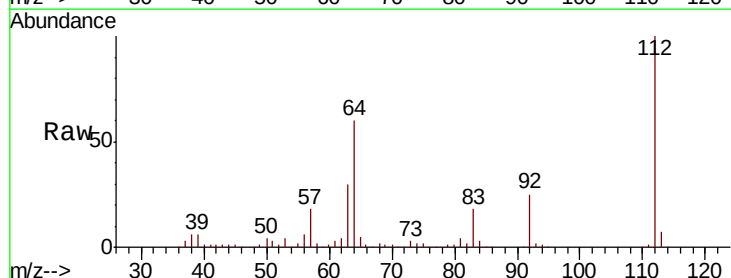
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



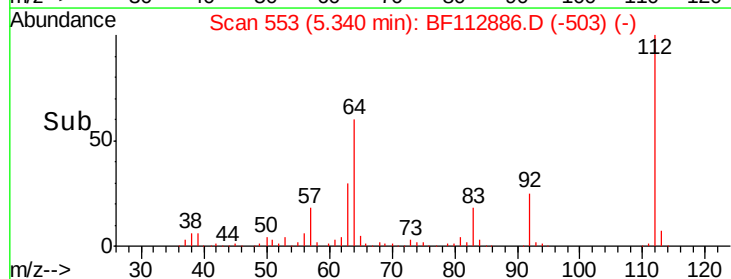
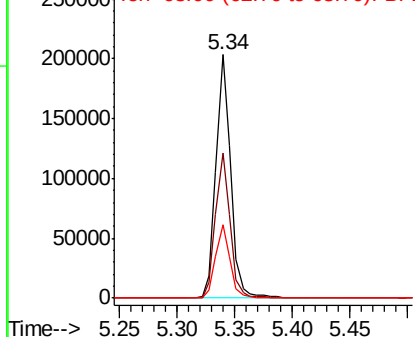
#5

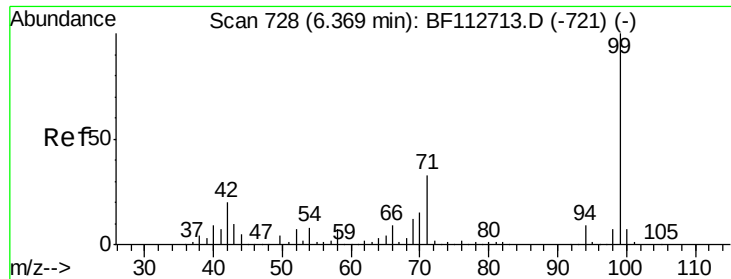
2-Fluorophenol
Concen: 17.691 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112886.D
Acq: 6 Mar 2019 17:15

Tgt Ion:112 Resp: 180253
Ion Ratio Lower Upper
112 100
64 59.7 47.6 71.4
63 30.1 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 58.004 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112886.D

Acq: 6 Mar 2019 17:15

Instrument :

BNA_F

ClientSampleId :

LIBERTY-ST-CONCRETE

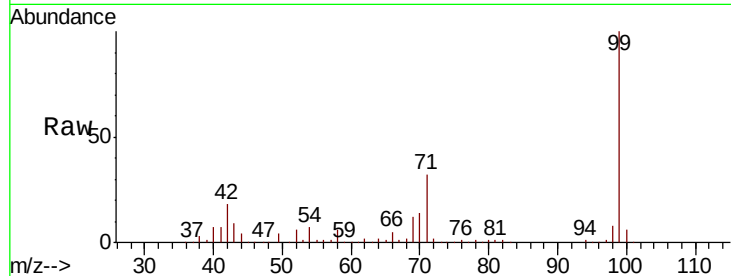
Tgt Ion: 99 Resp: 742382

Ion Ratio Lower Upper

99 100

42 18.3 16.3 24.5

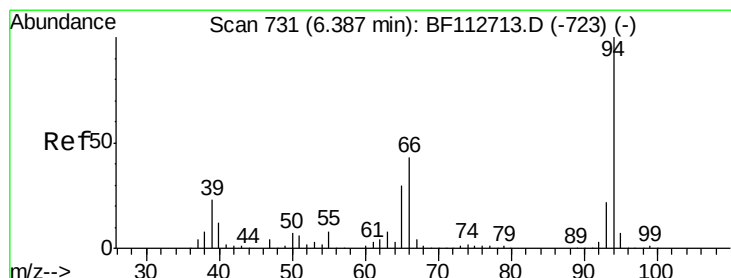
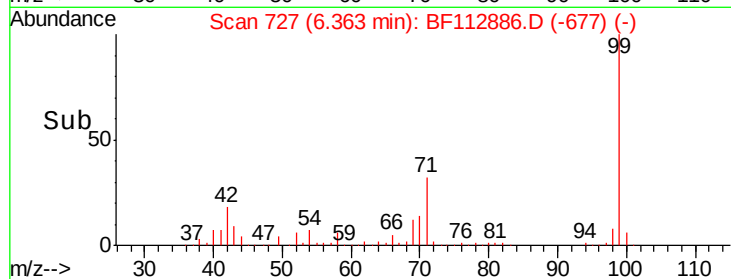
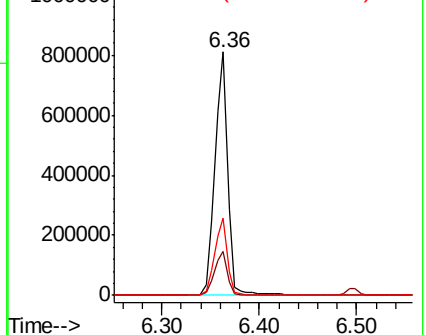
71 31.7 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.375 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF112886.D

Acq: 6 Mar 2019 17:15

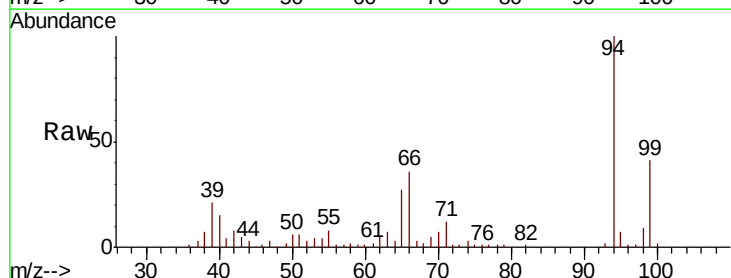
Tgt Ion: 94 Resp: 50405

Ion Ratio Lower Upper

94 100

65 27.3 10.5 50.5

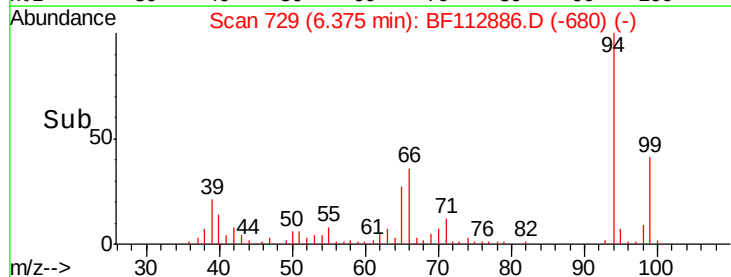
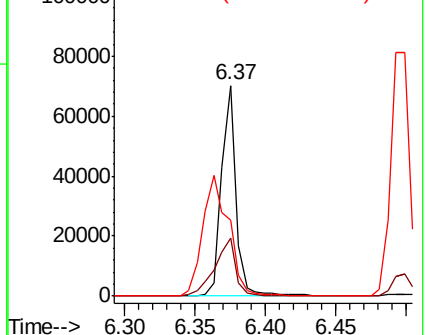
66 36.1 22.6 62.6

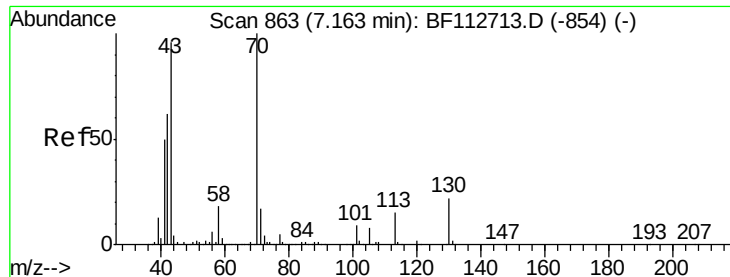


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

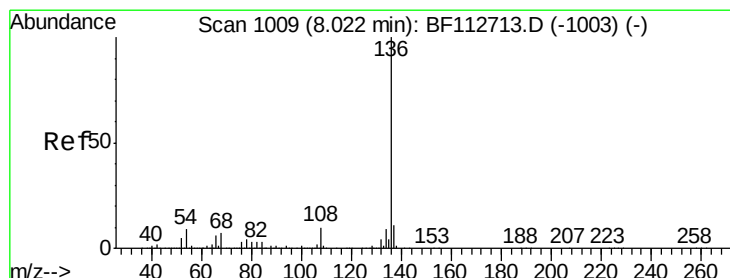
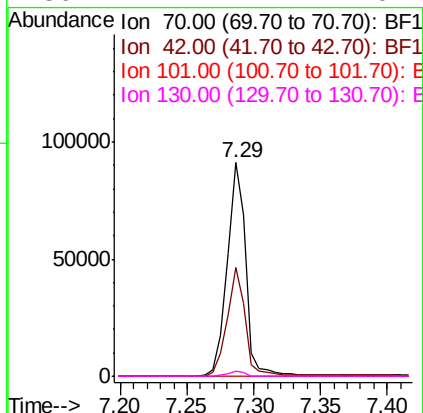
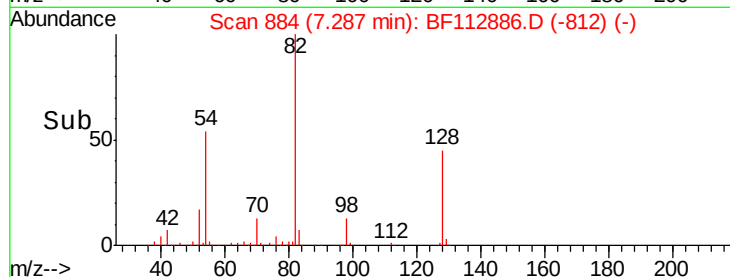
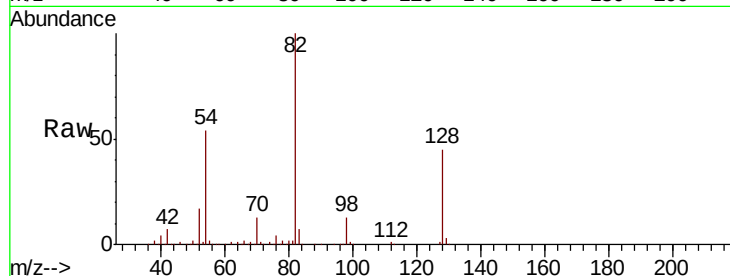




#19
n-Nitroso-di-n-propylamine
Concen: 11.168 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF112886.D
Acq: 6 Mar 2019 17:15

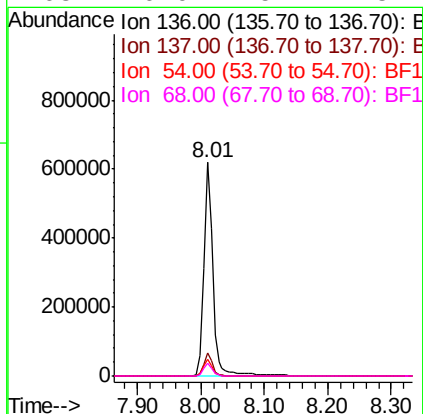
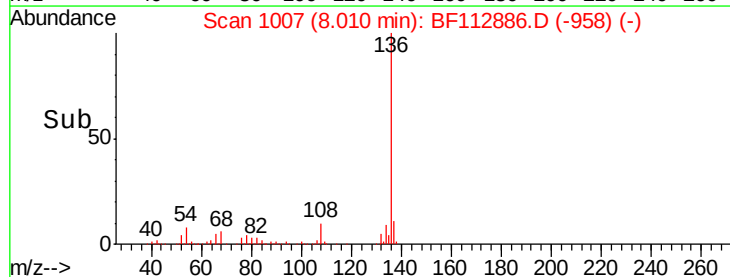
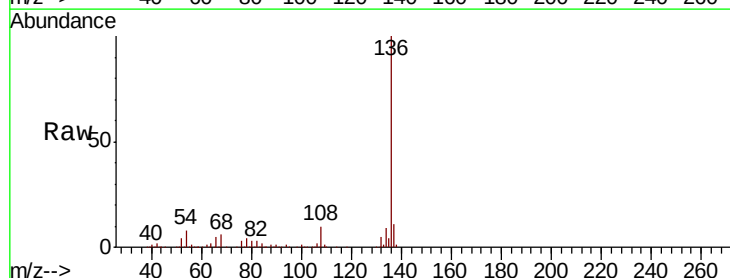
Instrument :
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LIBERTY-ST-CONCRETE

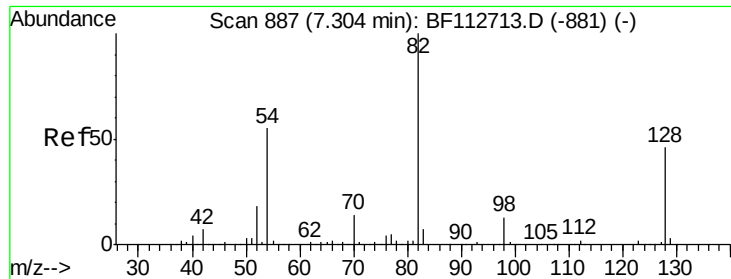
Tgt Ion: 70 Resp: 90525
Ion Ratio Lower Upper
70 100
42 50.7 49.9 74.9
101 0.0 7.4 11.2#
130 2.4 17.4 26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112886.D
Acq: 6 Mar 2019 17:15

Tgt Ion: 136 Resp: 607560
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.9 7.3 10.9
68 6.0 5.4 8.2

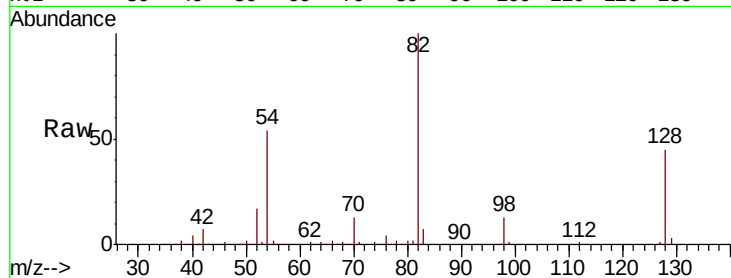




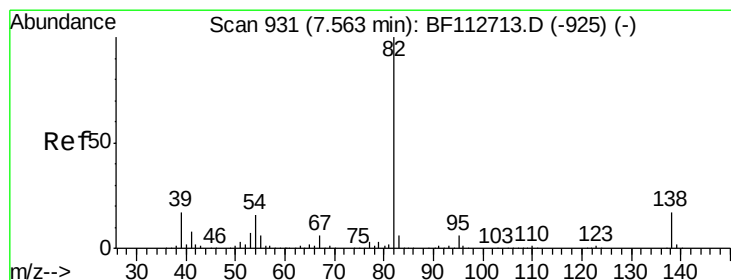
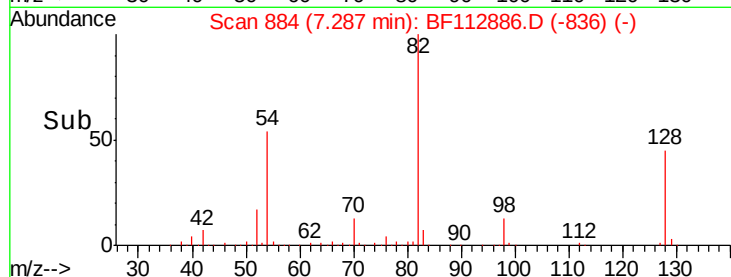
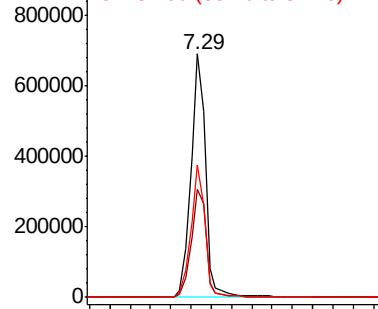
#23
Nitrobenzene-d5
Concen: 68.318 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112886.D
Acq: 6 Mar 2019 17:15

Instrument :
BNA_F
ClientSampleId :
LIBERTY-ST-CONCRETE

Tgt Ion: 82 Resp: 693658
Ion Ratio Lower Upper
82 100
128 44.5 36.3 54.5
54 54.2 43.7 65.5

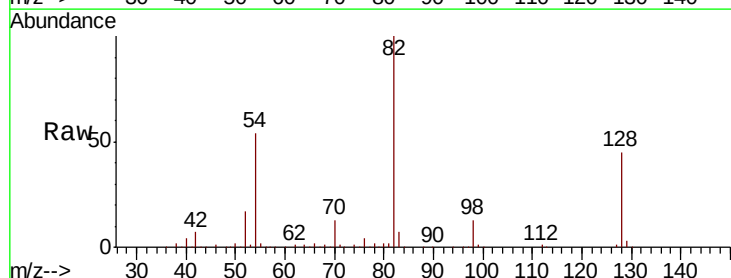


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

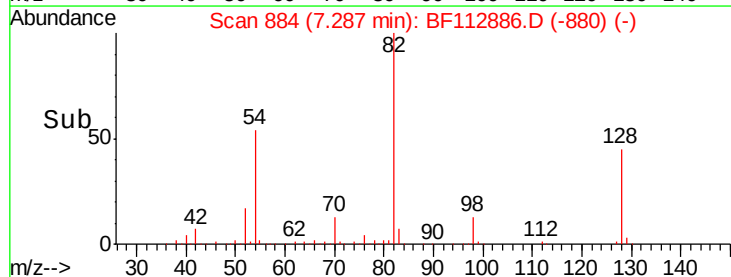
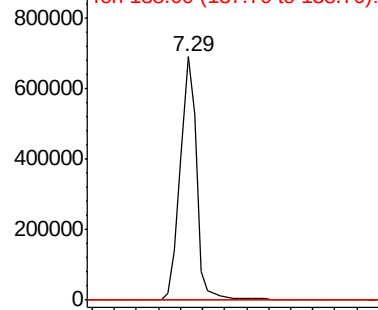


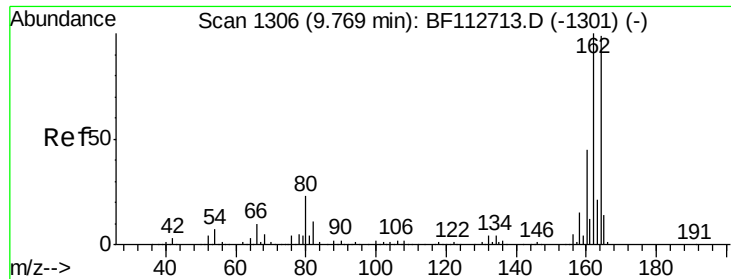
#25
Isophorone
Concen: 31.210 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112886.D
Acq: 6 Mar 2019 17:15

Tgt Ion: 82 Resp: 682692
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

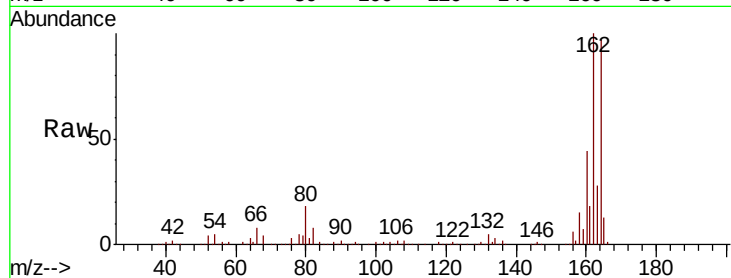




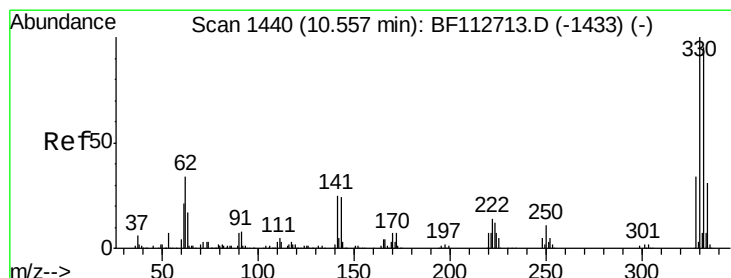
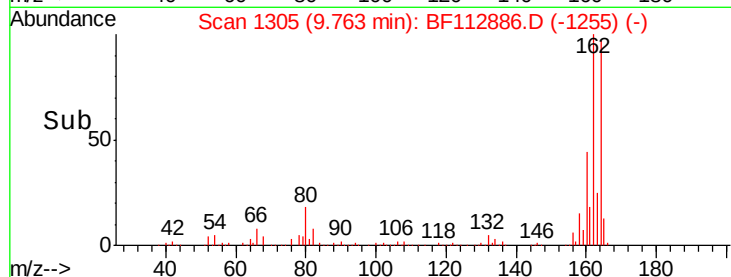
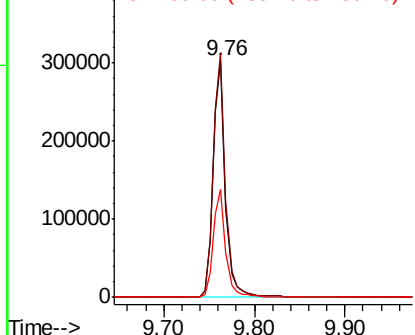
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112886.D
Acq: 6 Mar 2019 17:15

Instrument :
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LIBERTY-ST-CONCRETE

Tgt Ion:164 Resp: 287150
Ion Ratio Lower Upper
164 100
162 103.2 80.6 120.8
160 45.7 36.0 54.0

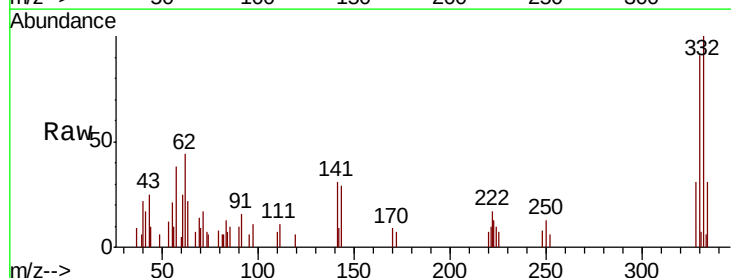


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

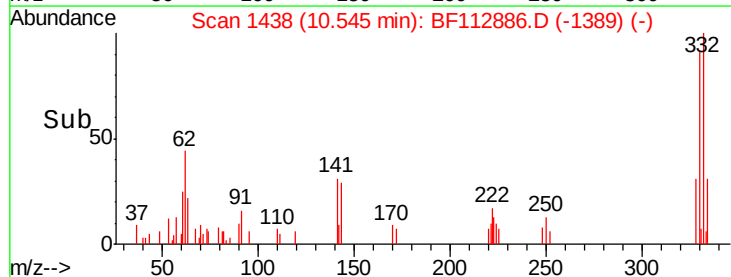
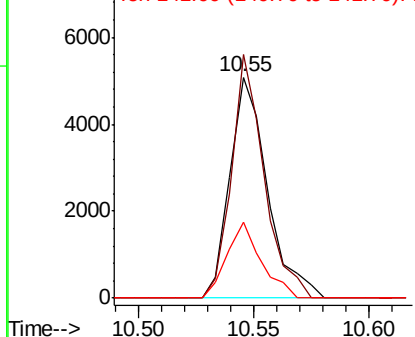


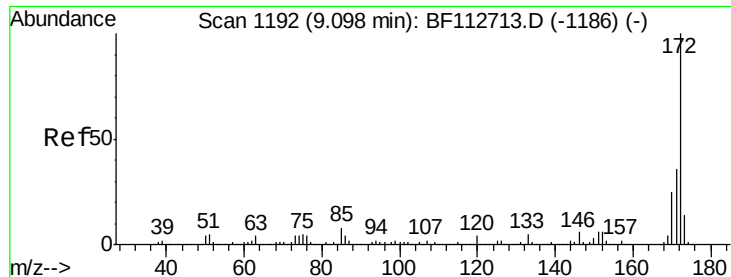
#42
2,4,6-Tribromophenol
Concen: 1.886 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112886.D
Acq: 6 Mar 2019 17:15

Tgt Ion:330 Resp: 5749
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 31.4 27.0 40.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

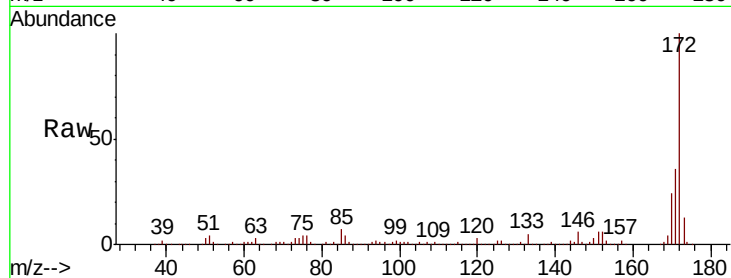




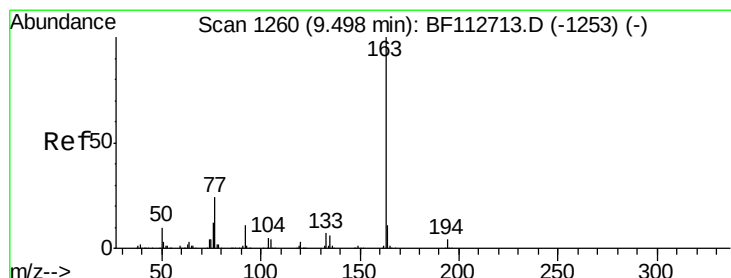
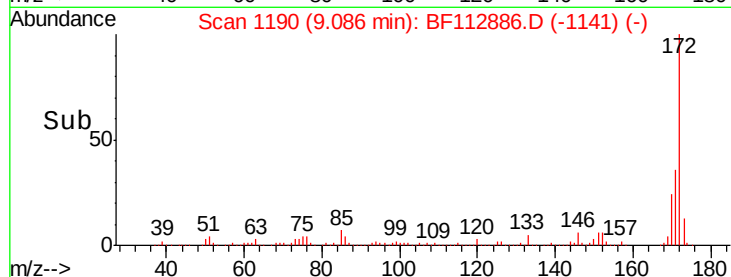
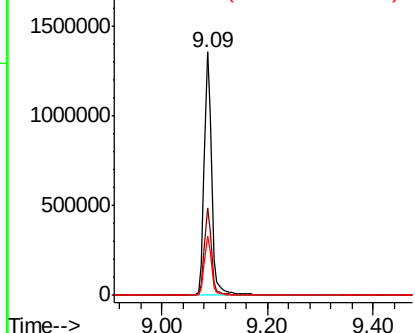
#45
 2-Fluorobiphenyl
 Concen: 74.288 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112886.D
 Acq: 6 Mar 2019 17:15

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 LIBERTY-ST-CONCRETE

Tgt Ion:172 Resp: 1331046
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.4
 170 24.3 20.0 30.0

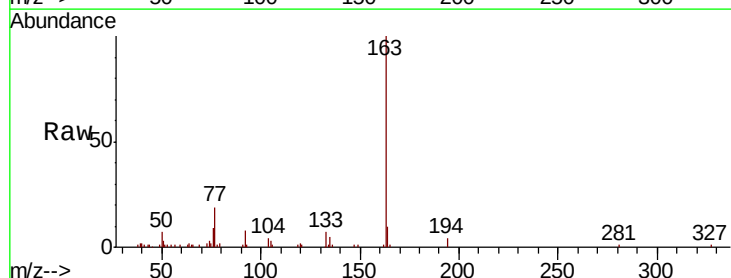


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

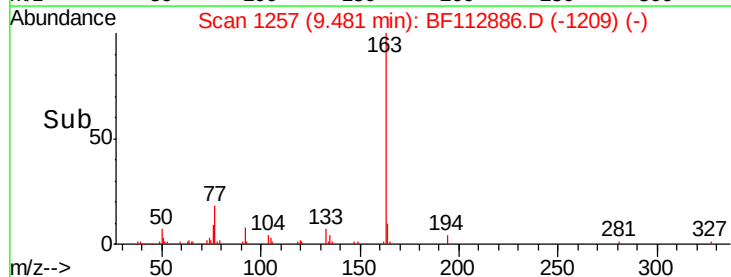
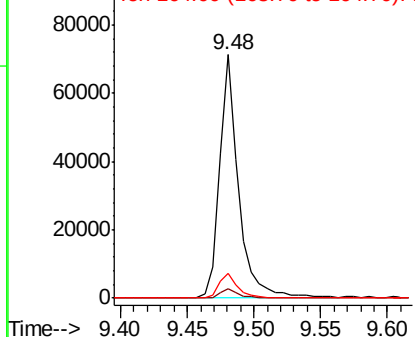


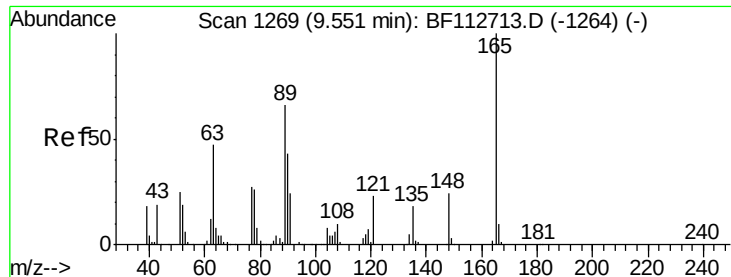
#50
 Dimethylphthalate
 Concen: 3.390 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BF112886.D
 Acq: 6 Mar 2019 17:15

Tgt Ion:163 Resp: 71776
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.0 4.4
 164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

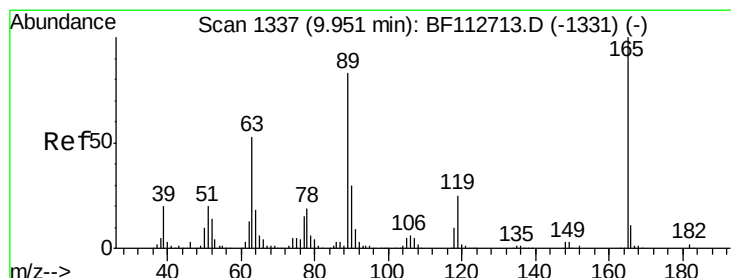
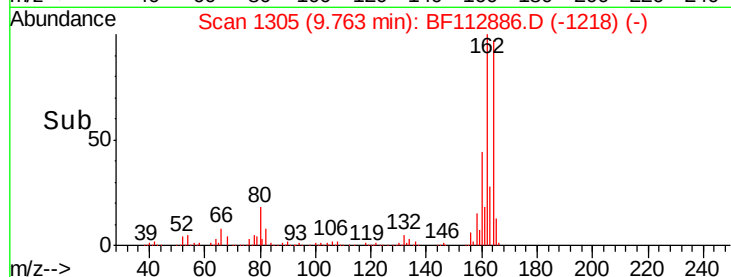
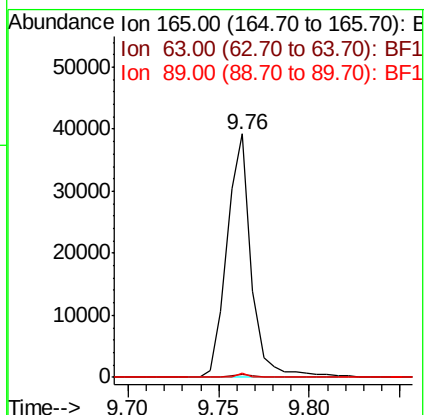
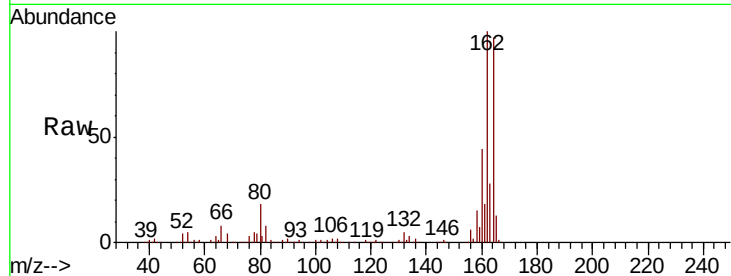




#51
2,6-Dinitrotoluene
Concen: 8.326 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF112886.D
Acq: 6 Mar 2019 17:15

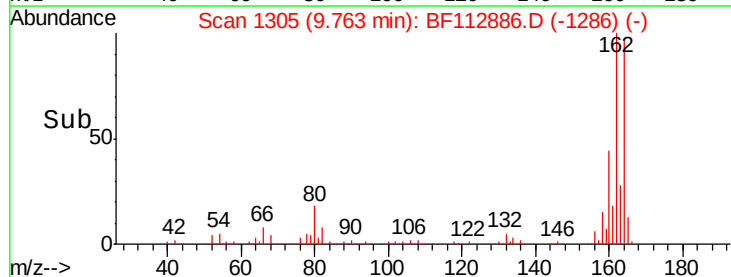
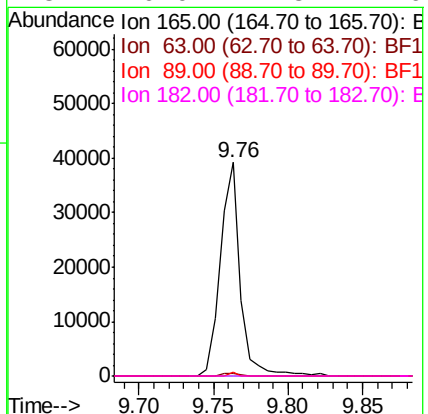
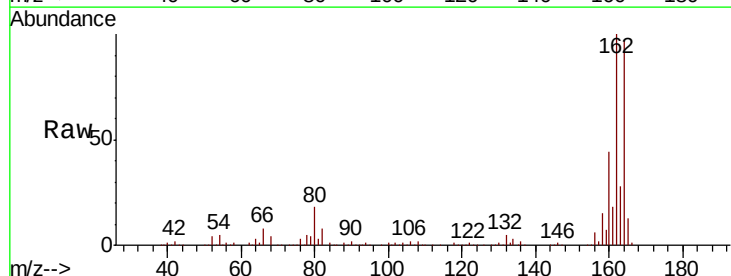
Instrument :
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ClientSampleId :
LIBERTY-ST-CONCRETE

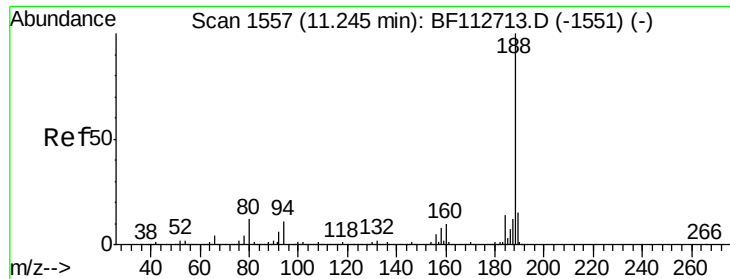
Tgt Ion:165 Resp: 36709
Ion Ratio Lower Upper
165 100
63 1.4 54.1 81.1#
89 1.8 52.8 79.2#



#57
2,4-Dinitrotoluene
Concen: 6.722 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF112886.D
Acq: 6 Mar 2019 17:15

Tgt Ion:165 Resp: 36839
Ion Ratio Lower Upper
165 100
63 1.4 42.2 63.2#
89 1.8 66.2 99.4#
182 0.0 1.8 2.6#

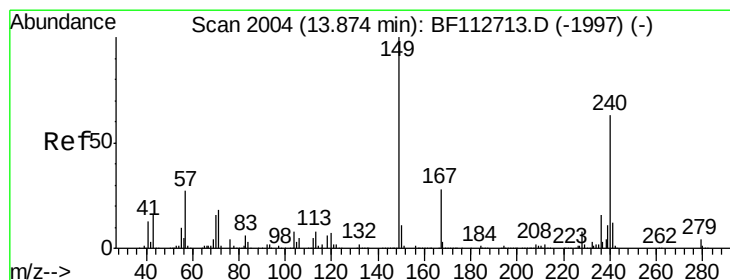
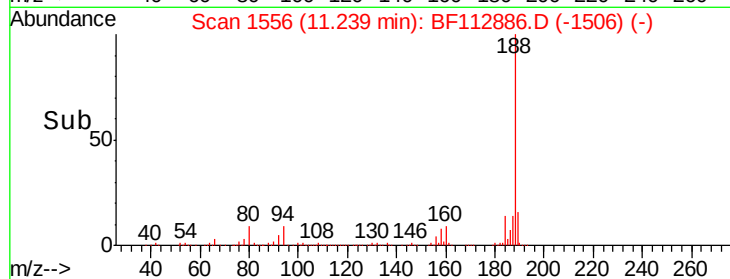
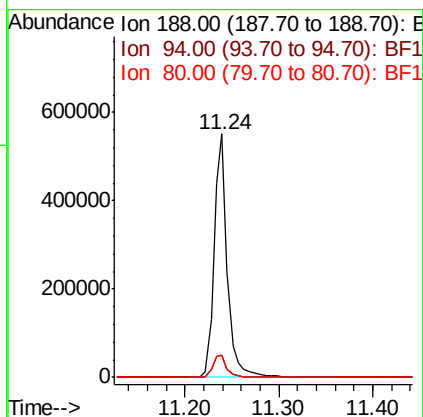
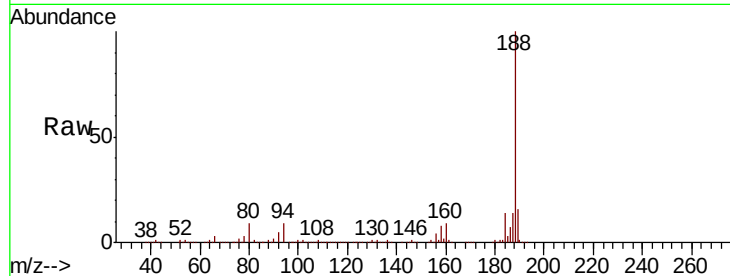




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112886.D
Acq: 6 Mar 2019 17:15

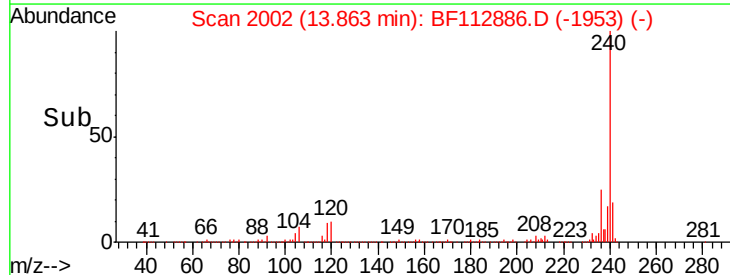
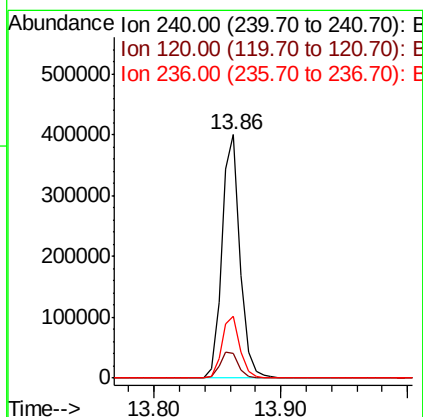
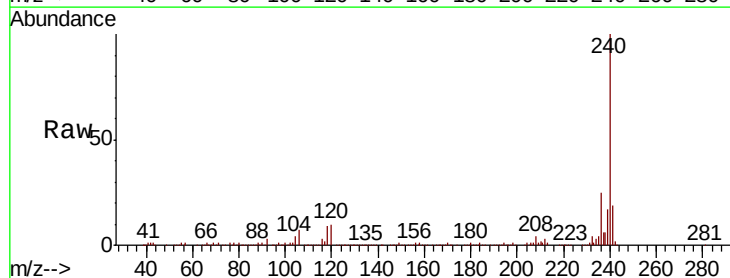
Instrument :
BNA_F
ClientSampleId :
LIBERTY-ST-CONCRETE

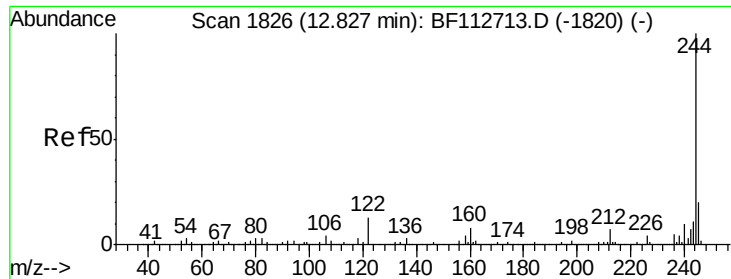
Tgt Ion:188 Resp: 543843
Ion Ratio Lower Upper
188 100
94 9.2 9.0 13.4
80 9.2 9.2 13.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112886.D
Acq: 6 Mar 2019 17:15

Tgt Ion:240 Resp: 394339
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 25.5 20.7 31.1





#79

Terphenyl-d14

Concen: 61.743 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF112886.D

Acq: 6 Mar 2019 17:15

Instrument :

BNA_F

ClientSampleId :

LIBERTY-ST-CONCRETE

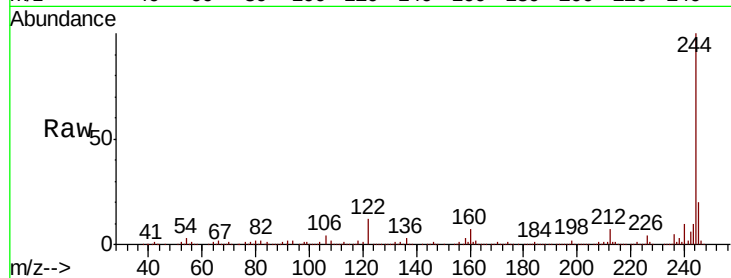
Tgt Ion:244 Resp: 1256016

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

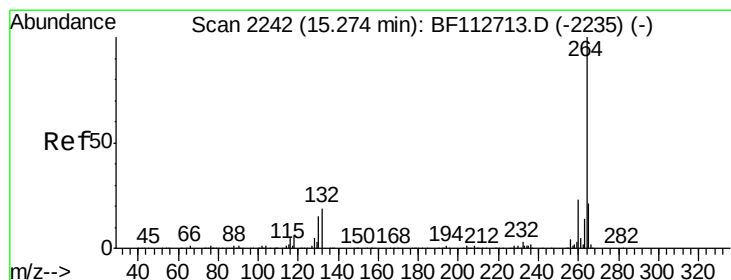
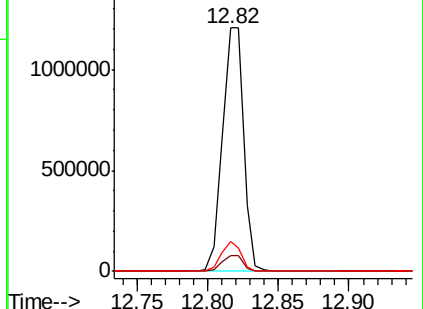
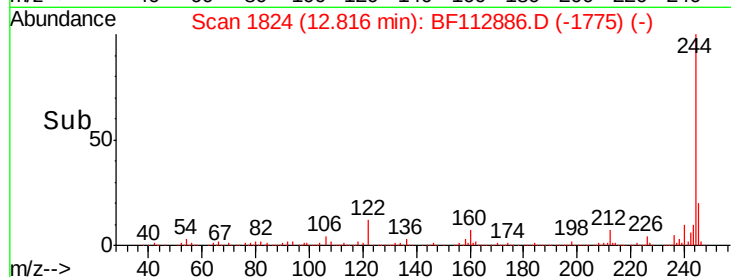
122 12.1 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.26 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BF112886.D

Acq: 6 Mar 2019 17:15

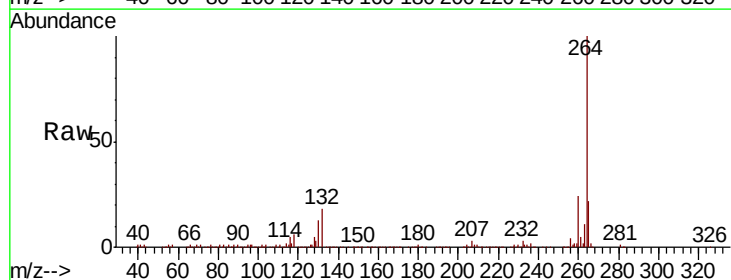
Tgt Ion:264 Resp: 404947

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 22.3 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

