

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105068.D
 Acq On : 3 May 2018 8:46
 Operator : JU/SJ
 Sample : J2666-01
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CURB-A-CONCRETE

Quant Time: May 03 11:05:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

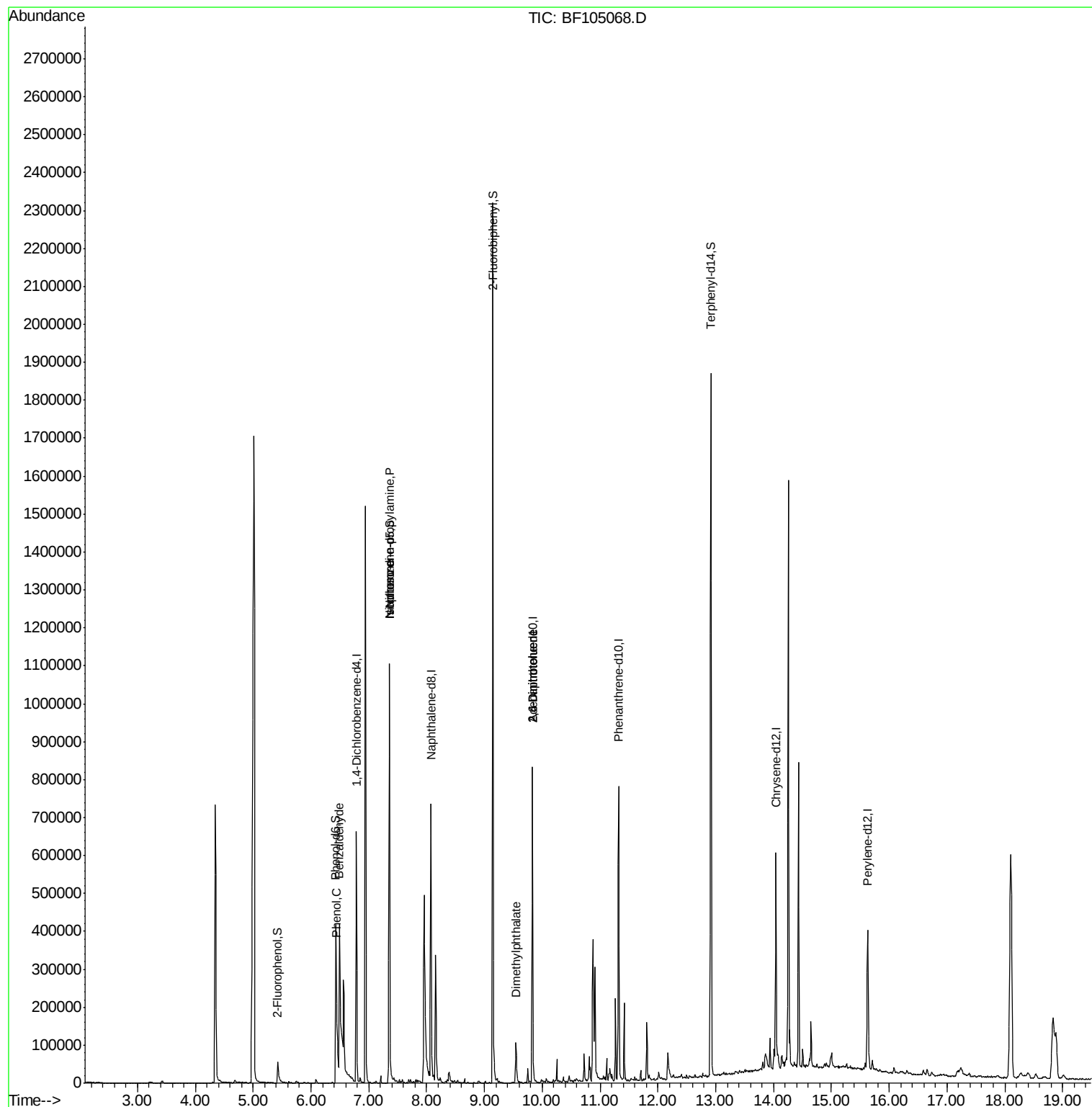
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	93487	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	380082	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	170816	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	280061	20.00	ng	0.00
75) Chrysene-d12	14.04	240	223126	20.00	ng	0.00
86) Perylene-d12	15.63	264	185629	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	35956	5.88	ng	0.02
7) Phenol-d6	6.43	99	263273	35.05	ng	-0.01
23) Nitrobenzene-d5	7.36	82	388674	66.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	359	0.20	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	755364	69.86	ng	-0.01
78) Terphenyl-d14	12.92	244	647042	66.11	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	48634	9.365	ng	# 1
10) Phenol	6.45	94	22525	2.826	ng	# 77
19) n-Nitroso-di-n-propylamine	7.36	70	48648	9.910	ng	# 73
25) Isophorone	7.36	82	388671	31.577	ng	# 64
49) Dimethylphthalate	9.55	163	57795	4.291	ng	# 99
50) 2,6-Dinitrotoluene	9.83	165	21356	8.568	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	21356	6.532	ng	# 24
76) Benzydine	12.92	184	8422	Below Cal		# 96

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

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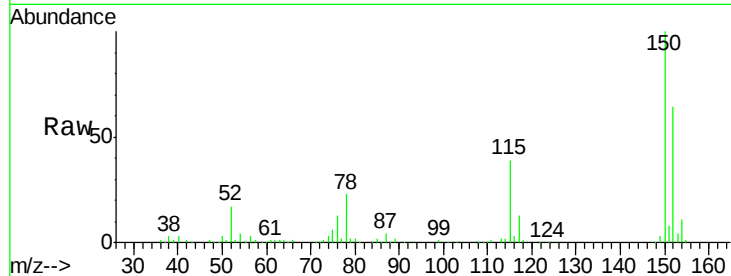




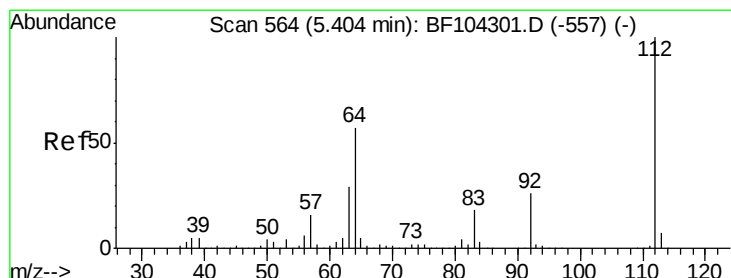
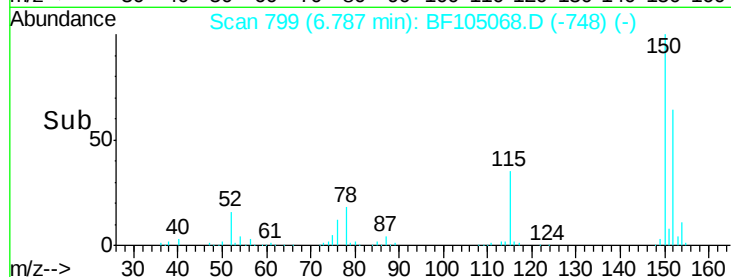
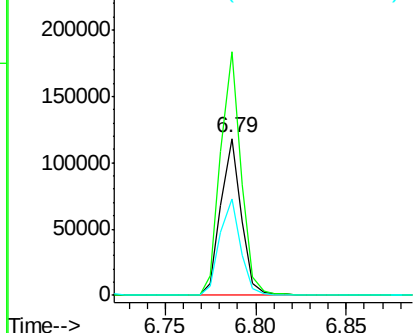
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF105068.D
 Acq: 3 May 2018 8:46

Instrument :
 BNA_F
 ClientSampleId :
 CURB-A-CONCRETE

Tot Ion:152 Resp: 93487
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.6 186.8
 115 61.3 50.1 75.1

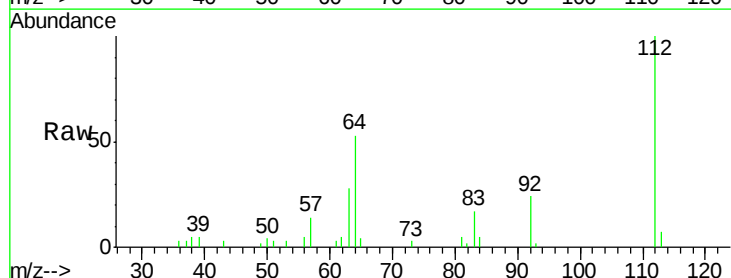


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

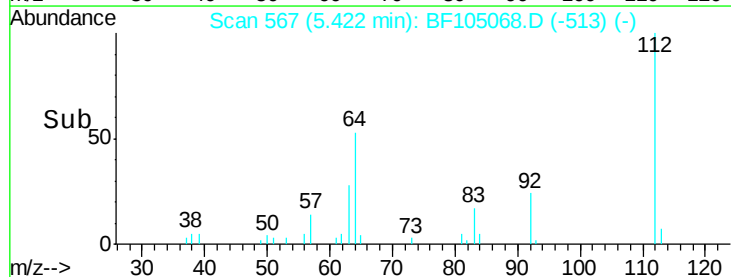
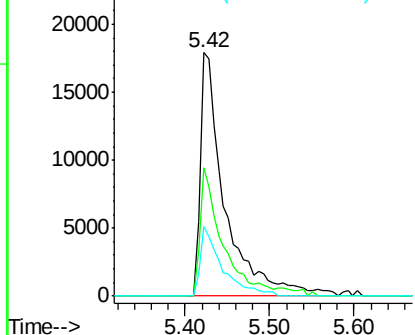


#5
 2-Fluorophenol
 Concen: 5.881 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.02 min
 Lab File: BF105068.D
 Acq: 3 May 2018 8:46

Tgt Ion:112 Resp: 35956
 Ion Ratio Lower Upper
 112 100
 64 52.7 47.9 71.9
 63 28.4 23.7 35.5



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: 35.046 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF105068.D

Acq: 3 May 2018 8:46

Instrument :

BNA_F

ClientSampleId :

CURB-A-CONCRETE

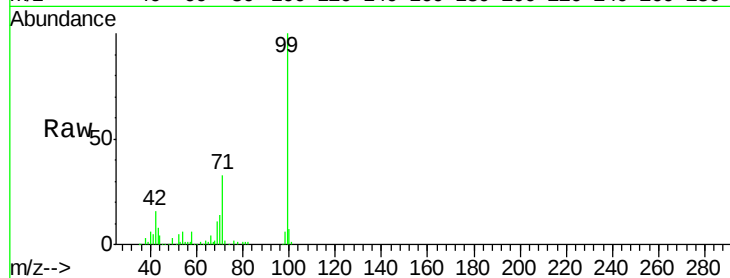
Tot Ion: 99 Resp: 263273

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

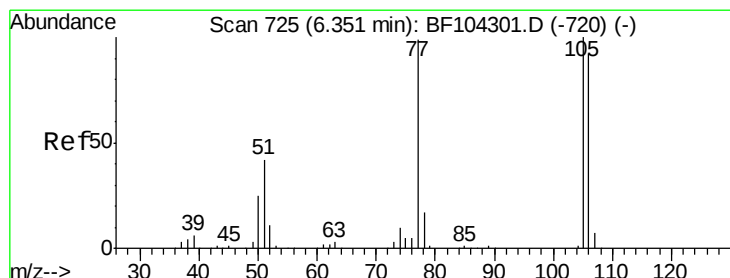
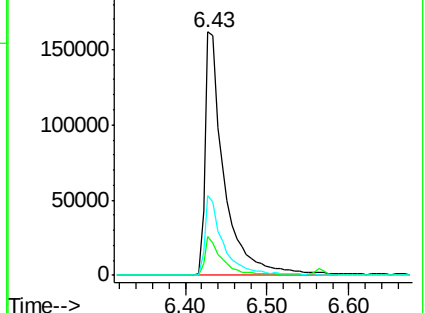
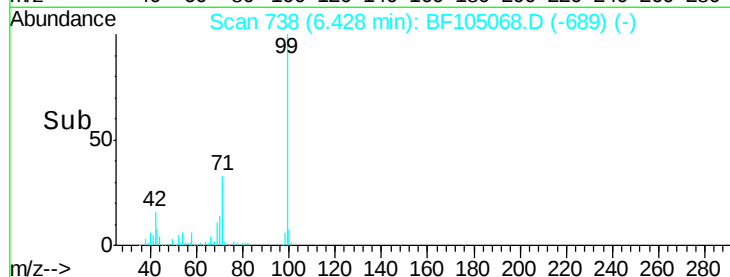
71 32.9 25.4 38.0



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



#9

Benzaldehyde

Concen: 9.365 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.15 min

Lab File: BF105068.D

Acq: 3 May 2018 8:46

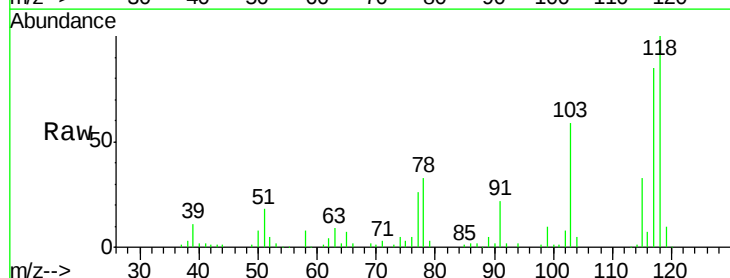
Tgt Ion: 77 Resp: 48634

Ion Ratio Lower Upper

77 100

105 0.0 81.1 121.1#

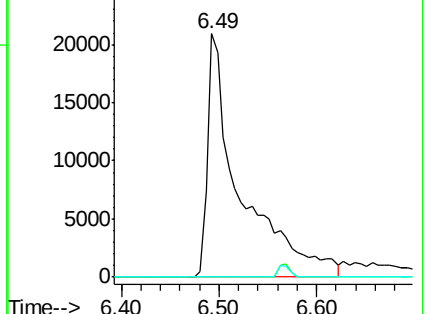
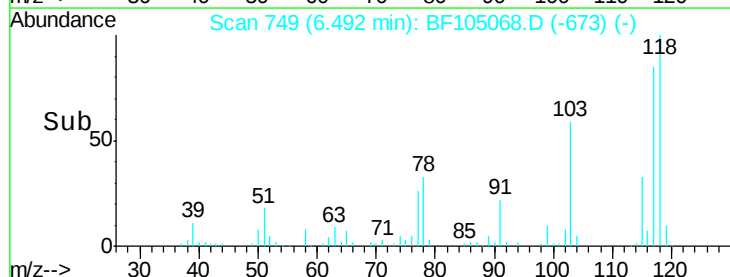
106 0.0 74.5 114.5#

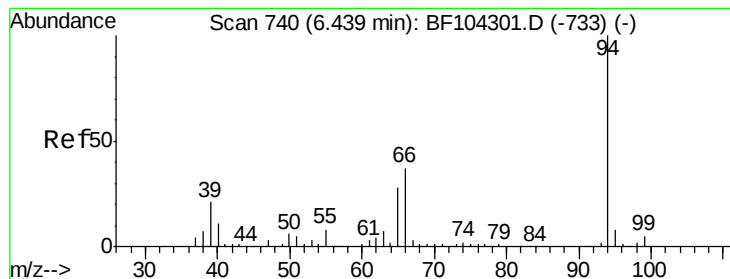


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 2.826 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF105068.D

Acq: 3 May 2018 8:46

Instrument :

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ClientSampleId :

CURB-A-CONCRETE

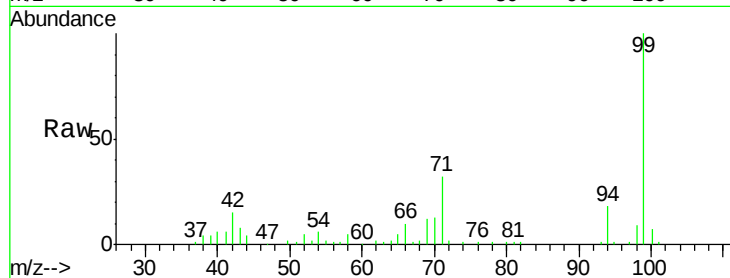
Tot Ion: 94 Resp: 22525

Ion Ratio Lower Upper

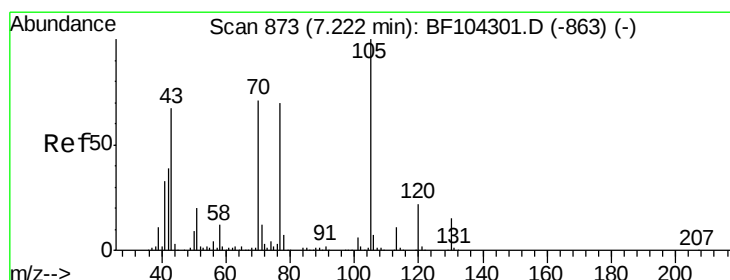
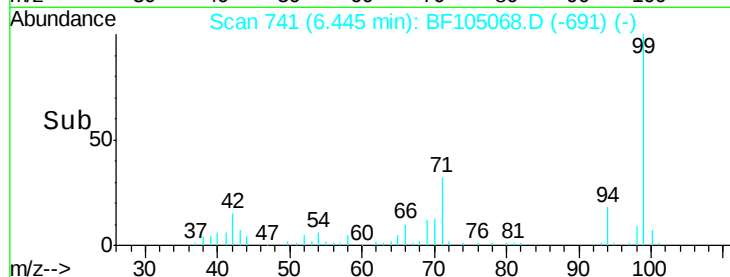
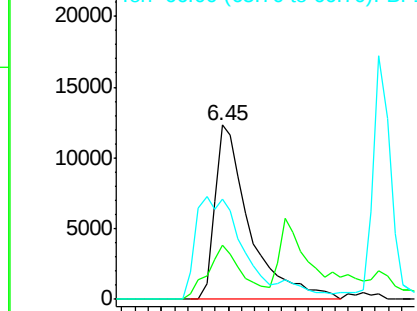
94 100

65 31.2 7.9 47.9

66 57.6 16.2 56.2#



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: 9.910 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF105068.D

Acq: 3 May 2018 8:46

Tgt Ion: 70 Resp: 48648

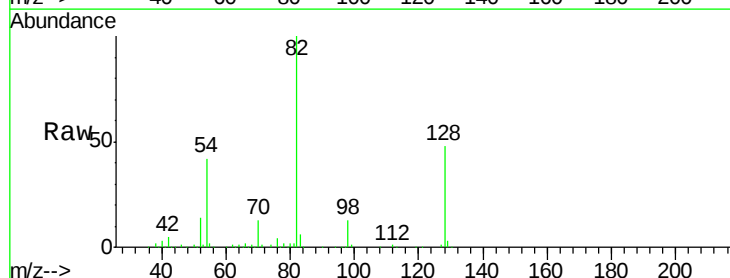
Ion Ratio Lower Upper

70 100

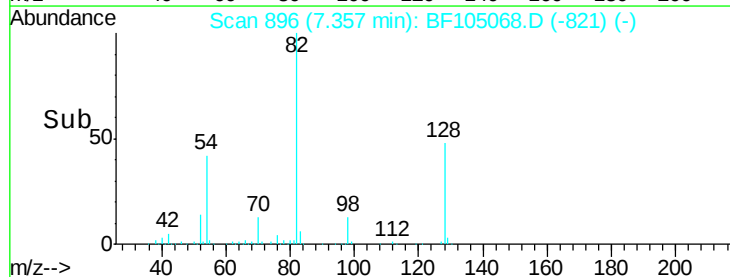
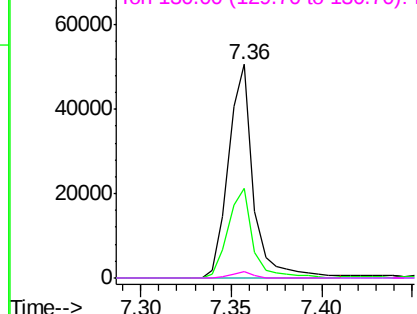
42 42.1 47.5 71.3#

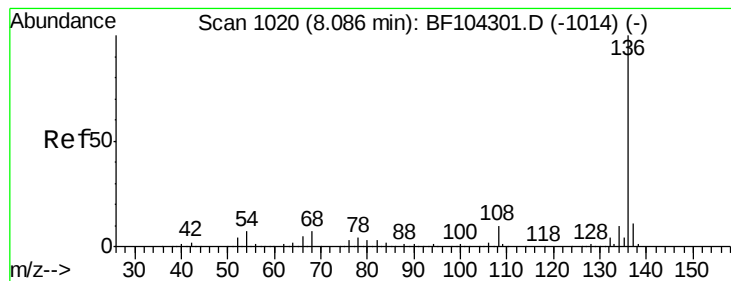
101 0.0 7.4 11.2#

130 2.8 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF105068.D

Acq: 3 May 2018 8:46

Instrument :

BNA_F

ClientSampleId :

CURB-A-CONCRETE

Tot Ion:136 Resp: 380082

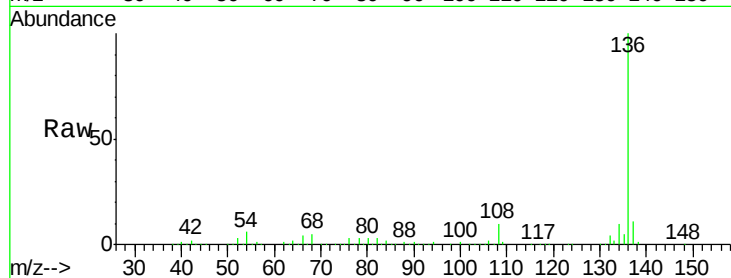
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 5.8 6.6 9.8#

68 4.9 5.0 7.4#

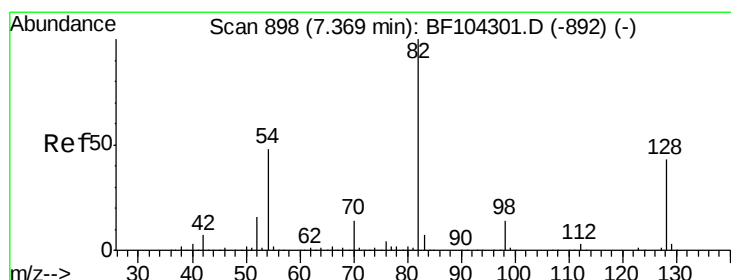
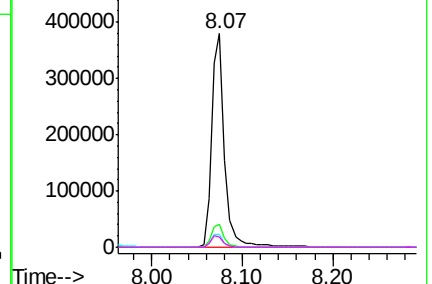
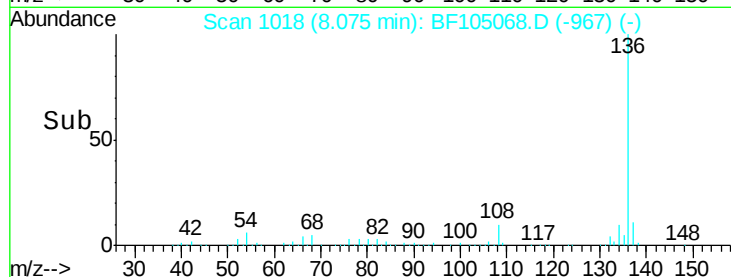


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 66.774 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF105068.D

Acq: 3 May 2018 8:46

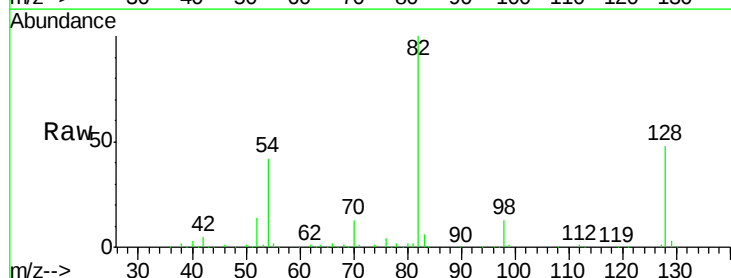
Tgt Ion: 82 Resp: 388674

Ion Ratio Lower Upper

82 100

128 48.3 36.1 54.1

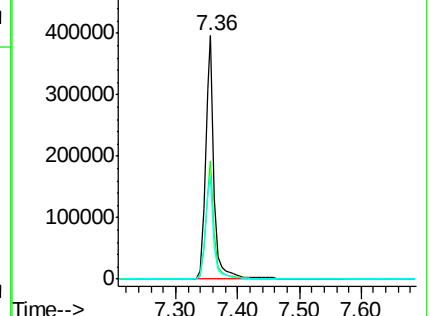
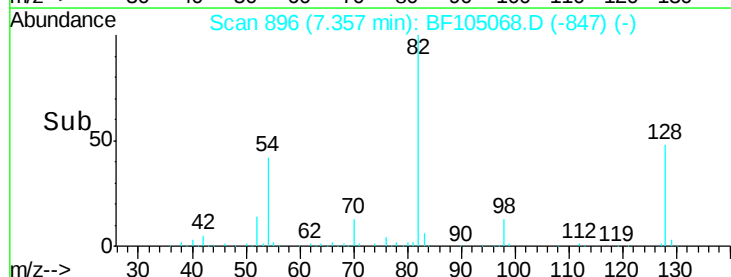
54 42.3 41.4 62.2

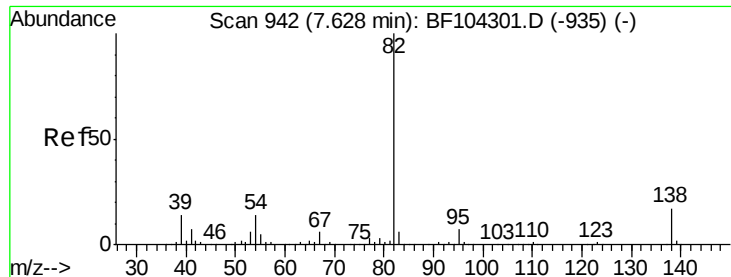


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 31.577 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF105068.D

Acq: 3 May 2018 8:46

Instrument :

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CURB-A-CONCRETE

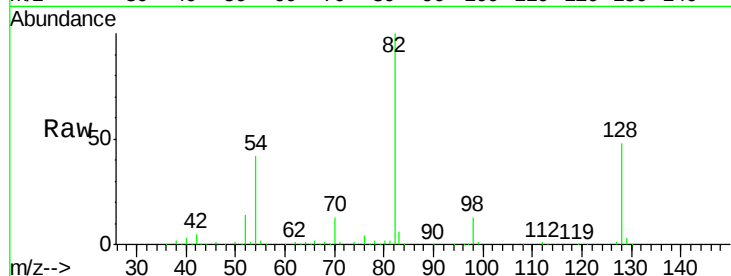
Tot Ion: 82 Resp: 388671

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

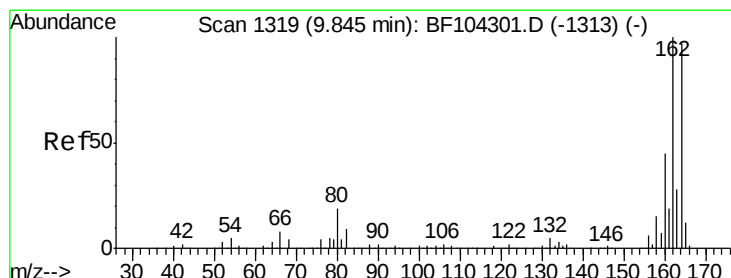
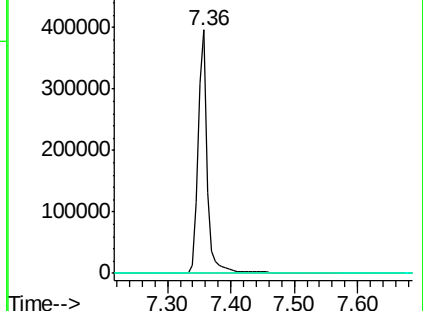
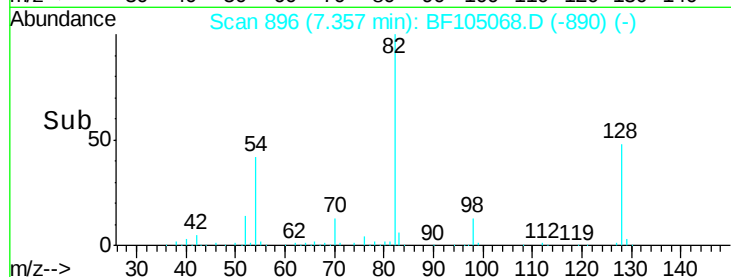
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF105068.D

Acq: 3 May 2018 8:46

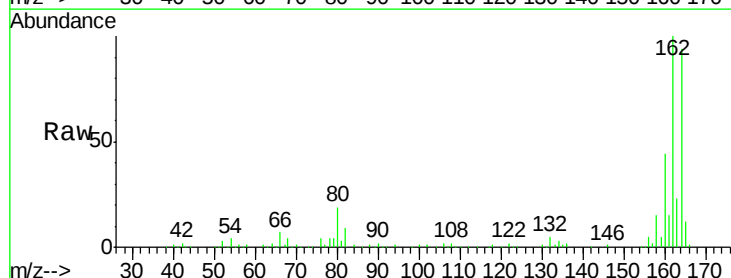
Tgt Ion: 164 Resp: 170816

Ion Ratio Lower Upper

164 100

162 106.8 86.1 129.1

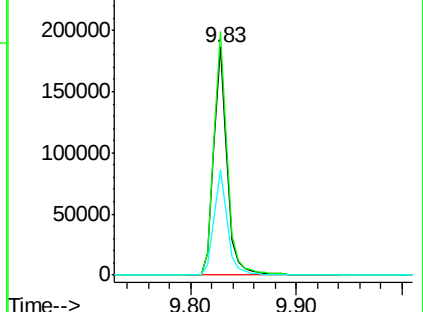
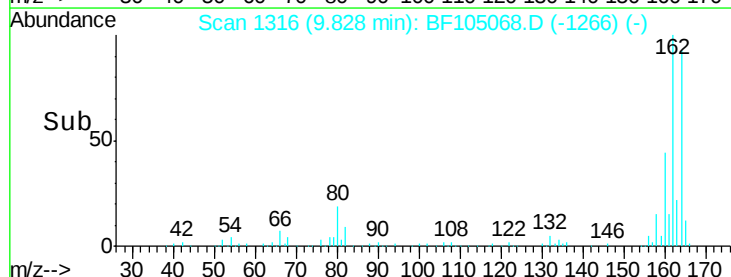
160 46.5 38.3 57.5

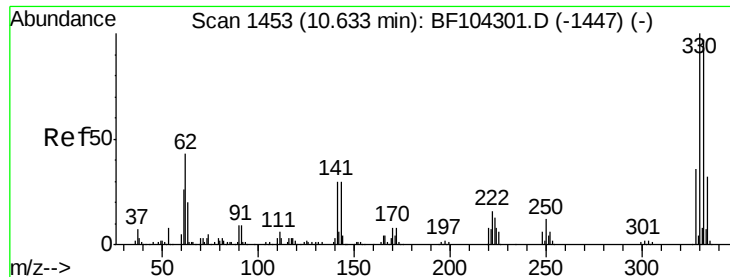


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

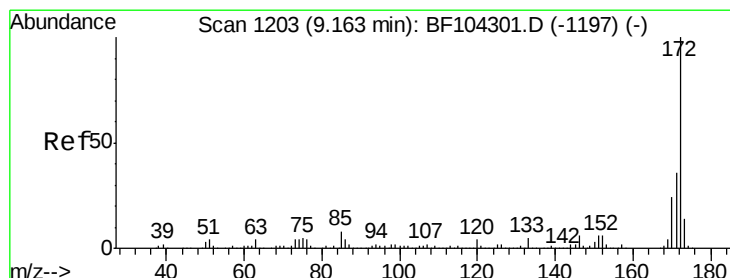
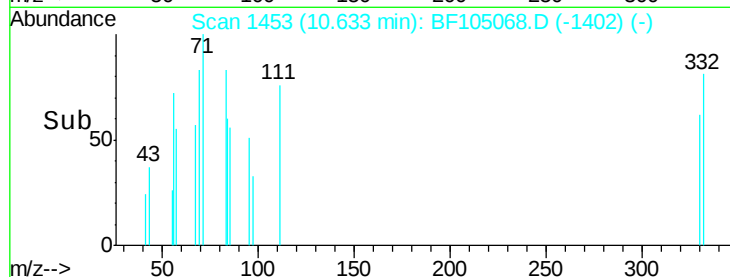
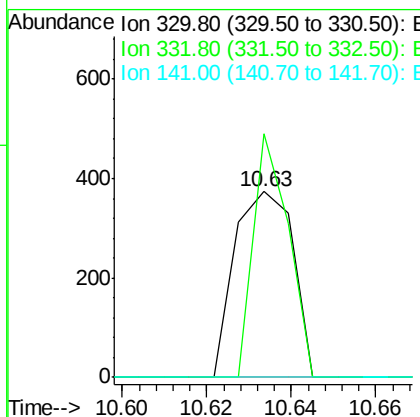
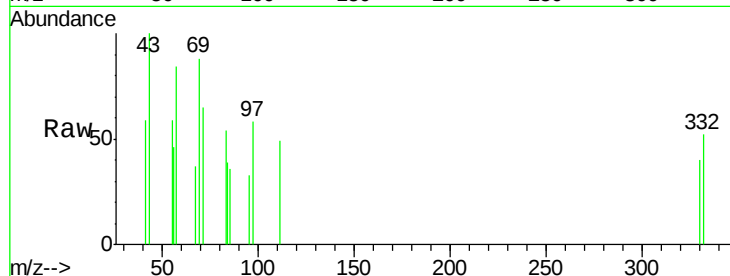




#41
 2,4,6-Tribromophenol
 Concen: 0.203 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF105068.D
 Acq: 3 May 2018 8:46

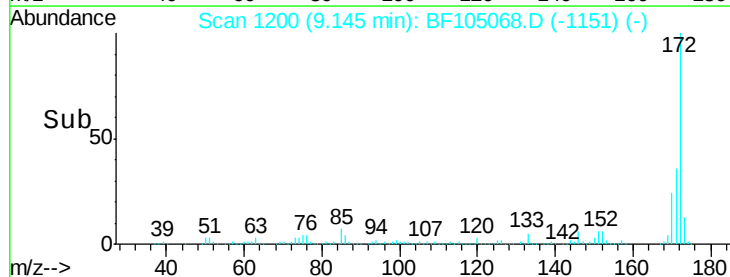
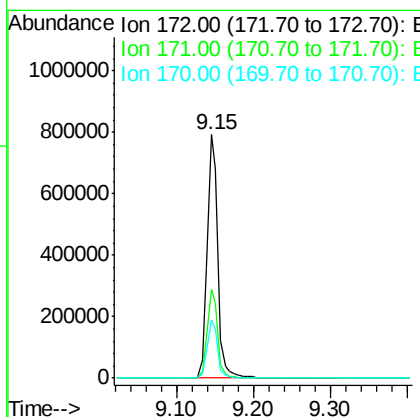
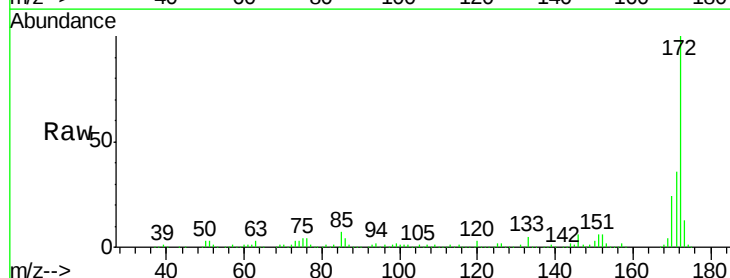
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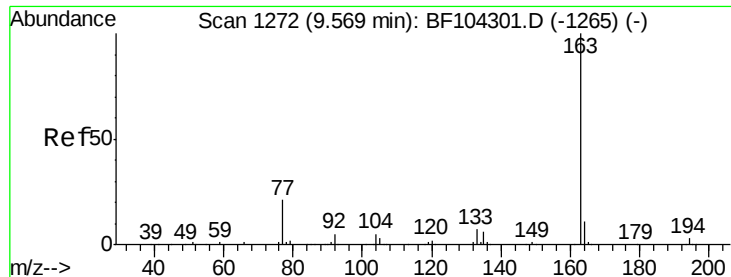
Tot Ion:330 Resp: 359
 Ion Ratio Lower Upper
 330 100
 332 78.6 77.0 115.6
 141 0.0 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 69.858 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105068.D
 Acq: 3 May 2018 8:46

Tgt Ion:172 Resp: 755364
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.9 19.6 29.4

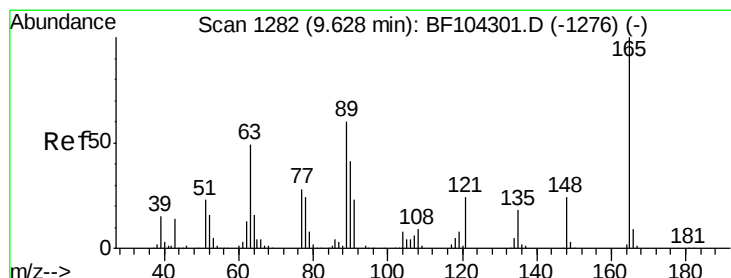
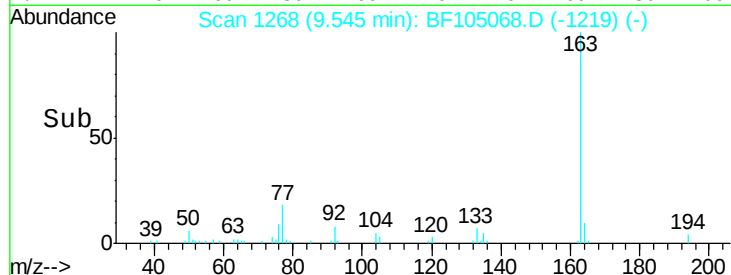
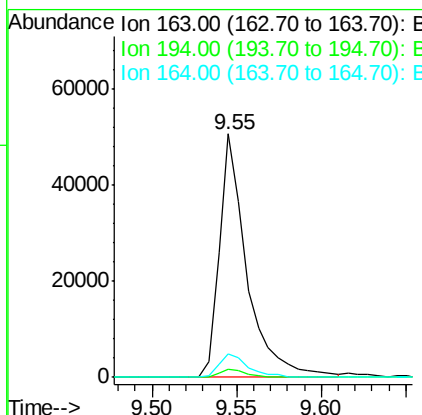
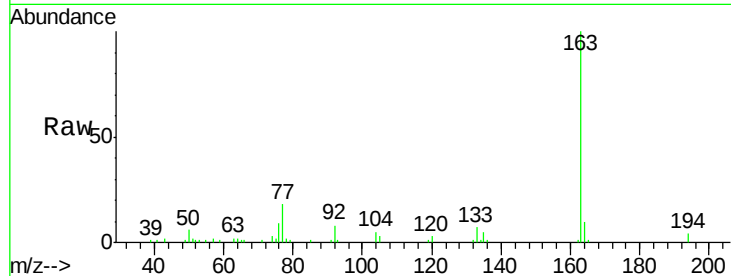




#49
Dimethylphthalate
Concen: 4.291 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF105068.D
Acq: 3 May 2018 8:46

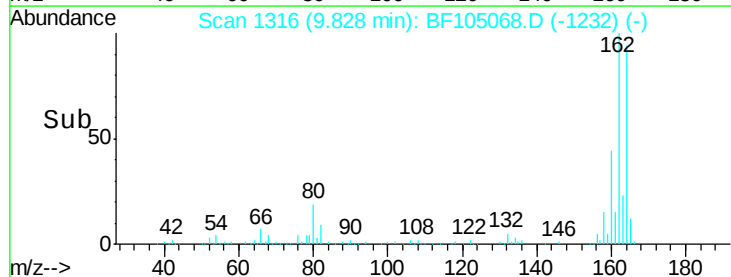
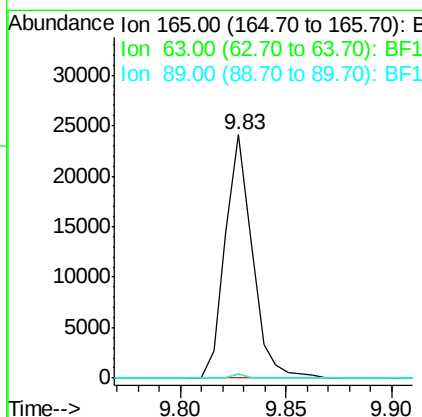
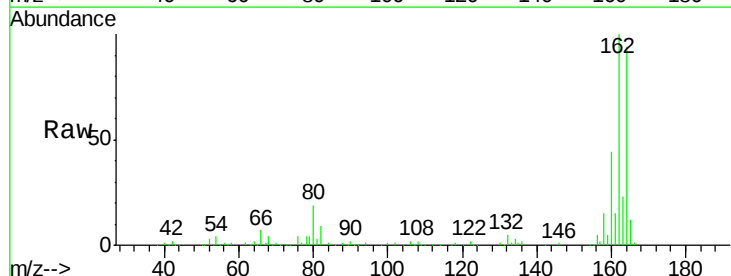
Instrument :
BNA_F
ClientSampleId :
CURB-A-CONCRETE

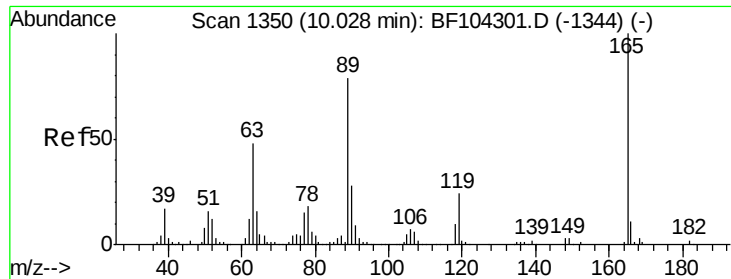
Tot Ion:163	Resp:	57795
Ion Ratio	Lower	Upper
163	100	
194	3.5	2.7 4.1
164	9.7	8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 8.568 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.19 min
Lab File: BF105068.D
Acq: 3 May 2018 8:46

Tgt Ion:165	Resp:	21356
Ion Ratio	Lower	Upper
165	100	
63	1.6	44.7 67.1#
89	1.6	44.0 66.0#

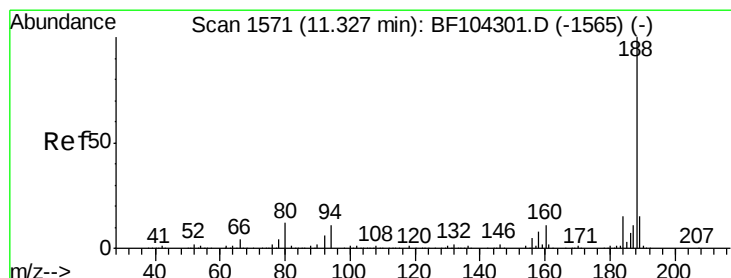
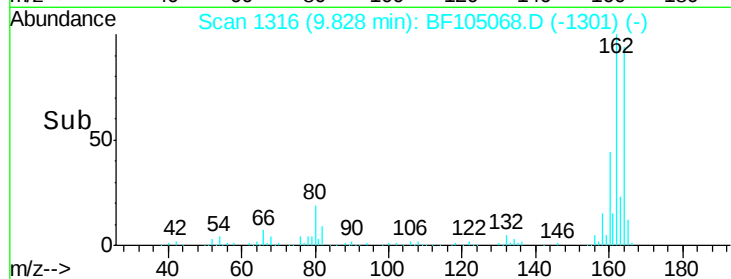
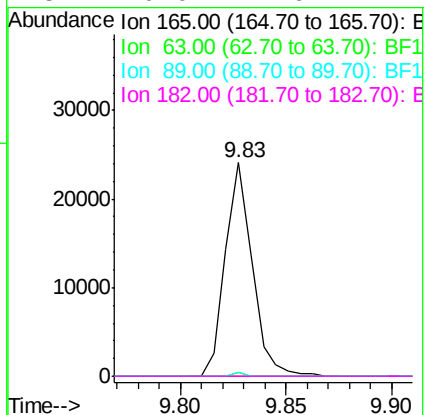
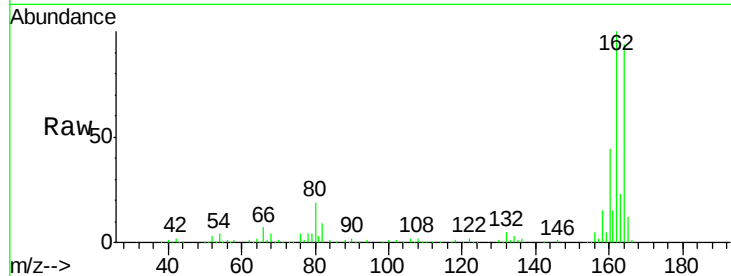




#56
 2,4-Dinitrotoluene
 Concen: 6.532 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF105068.D
 Acq: 3 May 2018 8:46

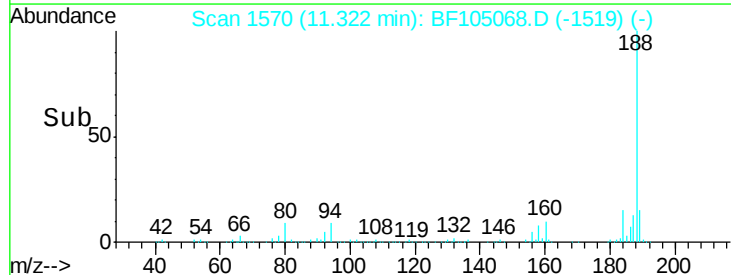
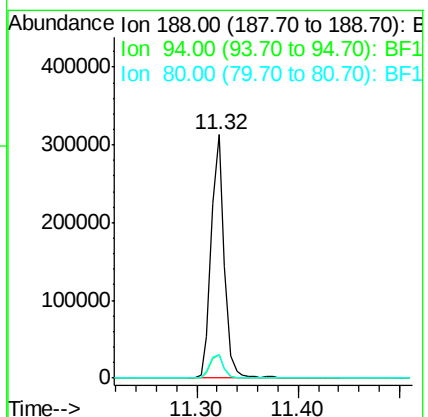
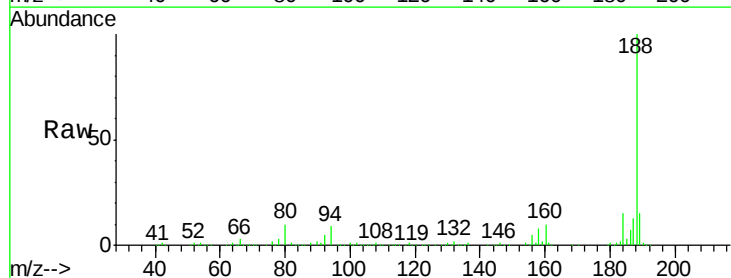
Instrument :
 BNA_F
 ClientSampleId :
 CURB-A-CONCRETE

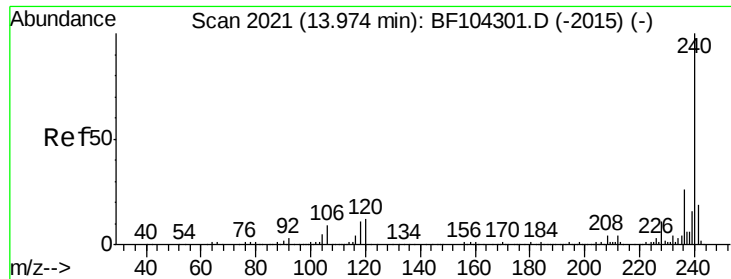
Tot Ion:	165	Resp:	21356
Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF105068.D
 Acq: 3 May 2018 8:46

Tgt Ion:	188	Resp:	280061
Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	9.7	9.2	13.8

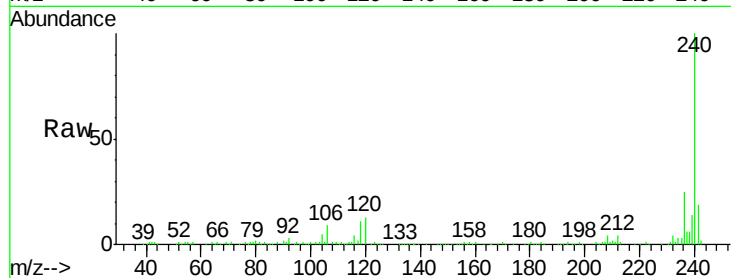




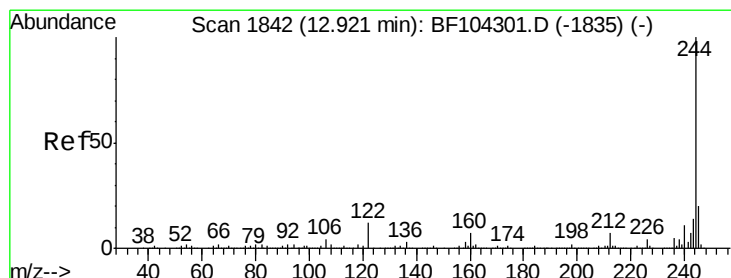
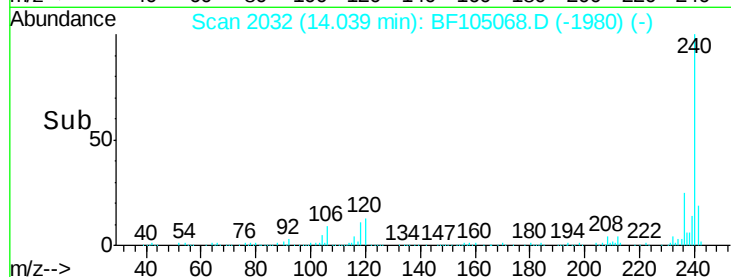
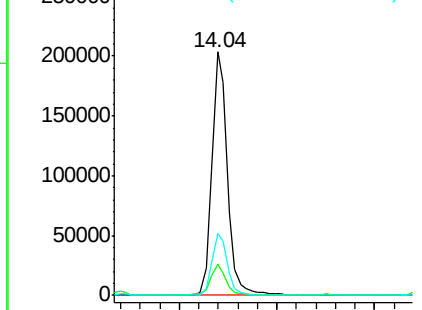
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF105068.D
Acq: 3 May 2018 8:46

Instrument :
BNA_F
ClientSampleId :
CURB-A-CONCRETE

Tot Ion:240 Resp: 223126
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 25.3 20.7 31.1

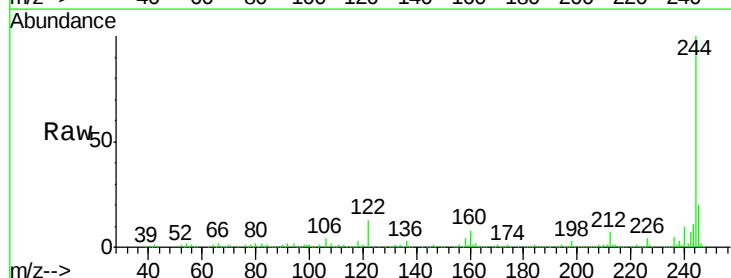


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

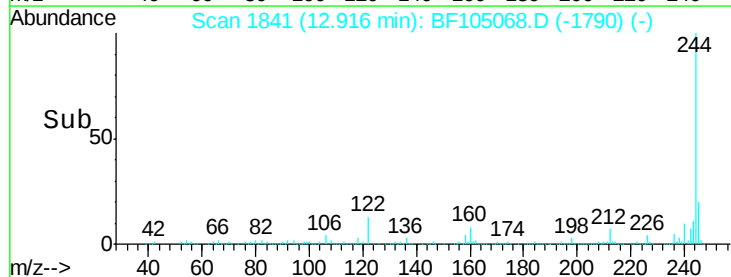
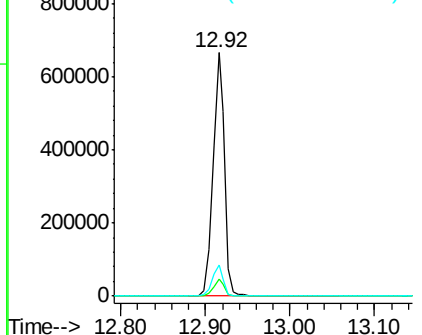


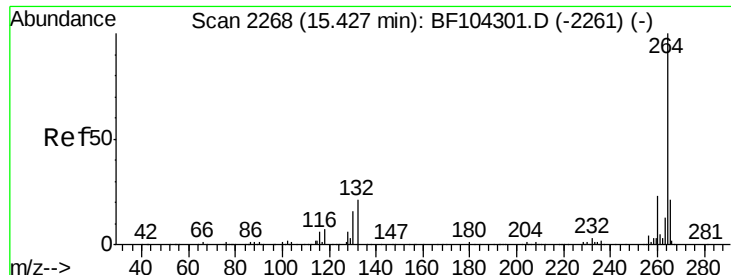
#78
Terphenyl-d14
Concen: 66.113 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF105068.D
Acq: 3 May 2018 8:46

Tgt Ion:244 Resp: 647042
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 13.0 11.0 16.4



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

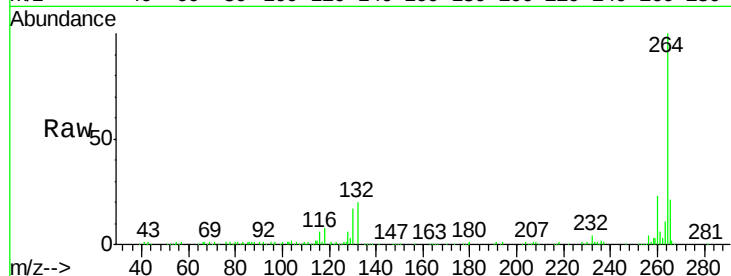




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.04 min
Lab File: BF105068.D
Acq: 3 May 2018 8:46

Instrument :
BNA_F
ClientSampleId :
CURB-A-CONCRETE

Tot Ion:264 Resp: 185629
Ion Ratio Lower Upper
264 100
260 22.6 19.2 28.8
265 21.4 17.5 26.3



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

