

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF104985.D
 Acq On : 1 May 2018 15:55
 Operator : JU/SJ
 Sample : J2616-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-1

Quant Time: May 02 06:49:21 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

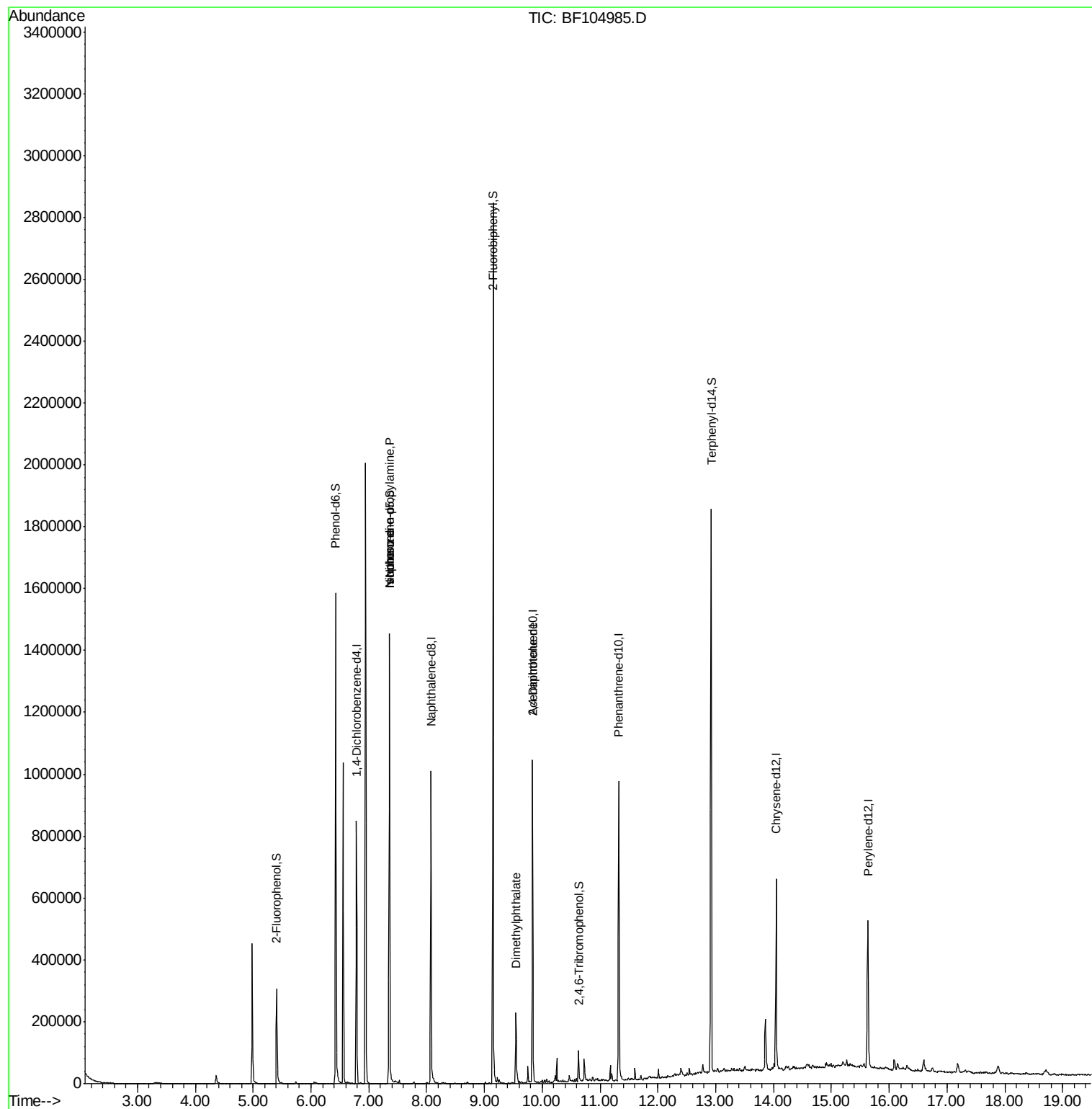
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	118644	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	491277	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	220074	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	360995	20.00	ng	0.00
75) Chrysene-d12	14.04	240	230930	20.00	ng	0.07
86) Perylene-d12	15.63	264	223742	20.00	ng	0.20
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	109400	14.10	ng	0.00
7) Phenol-d6	6.43	99	600871	63.03	ng	0.00
23) Nitrobenzene-d5	7.36	82	485499	64.53	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	14691	6.44	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	878415	63.06	ng	0.00
78) Terphenyl-d14	12.92	244	664120	65.56	ng	0.01
Target Compounds						
9) Benzaldehyde	6.56	77	5259	Below Cal		Qvalue 85
19) n-Nitroso-di-n-propylamine	7.36	70	62678	10.061 ng	#	73
25) Isophorone	7.36	82	485495	30.516 ng	#	64
49) Dimethylphthalate	9.55	163	103278	5.951 ng		98
56) 2,4-Dinitrotoluene	9.83	165	27280	6.476 ng	#	24
76) Benzidine	12.92	184	8867	Below Cal		98

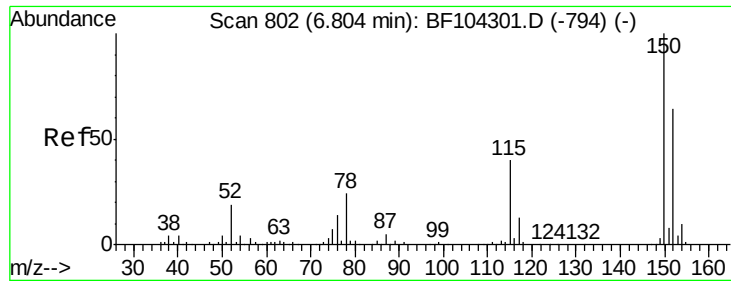
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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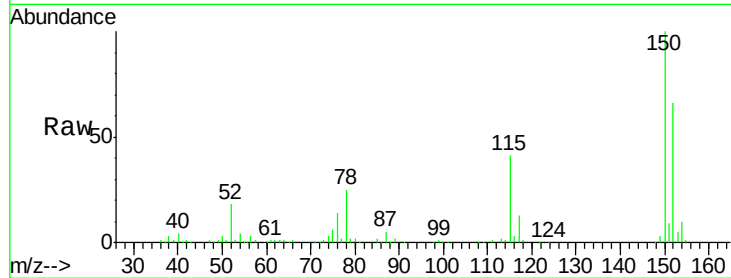


#1

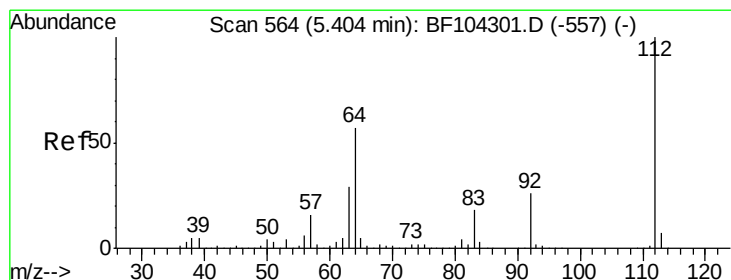
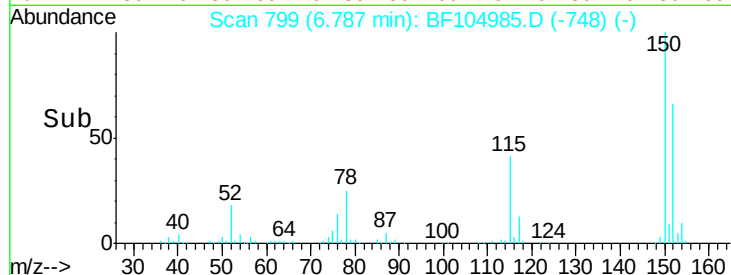
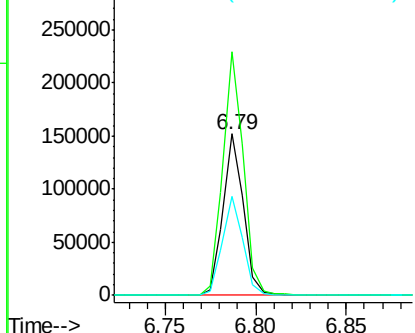
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF104985.D
Acq: 1 May 2018 15:55

Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

Tgt Ion:152 Resp: 118644
Ion Ratio Lower Upper
152 100
150 151.1 124.6 186.8
115 61.8 50.1 75.1



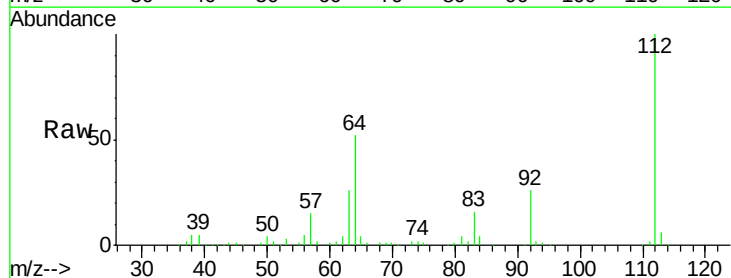
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



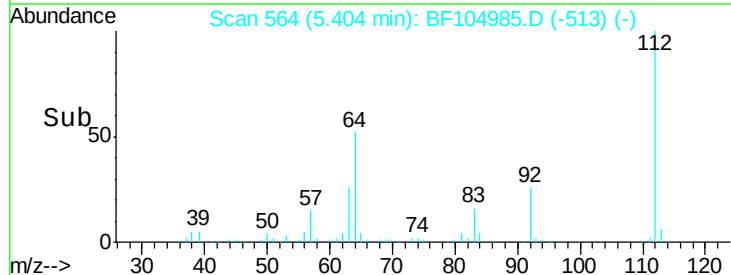
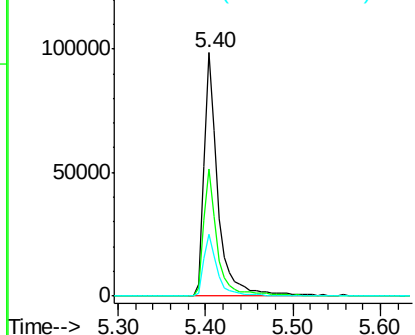
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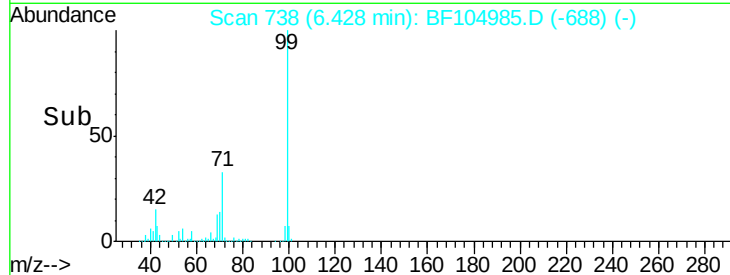
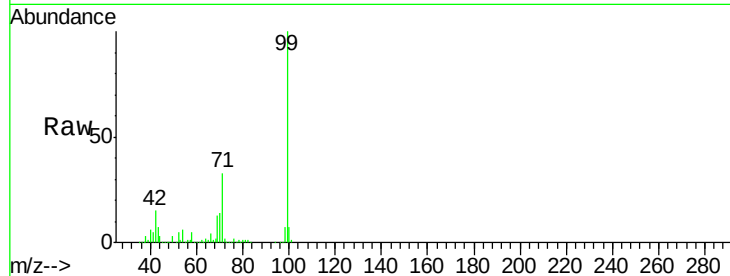
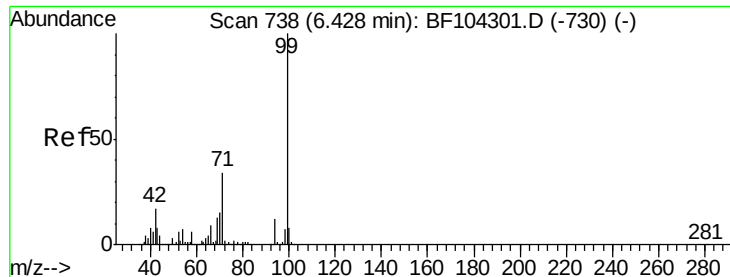
2-Fluorophenol
Concen: 14.099 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF104985.D
Acq: 1 May 2018 15:55

Tgt Ion:112 Resp: 109400
Ion Ratio Lower Upper
112 100
64 52.0 47.9 71.9
63 25.7 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: 63.026 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF104985.D

Acq: 1 May 2018 15:55

Instrument :

BNA_F

ClientSampleId :

CONCRETE-1

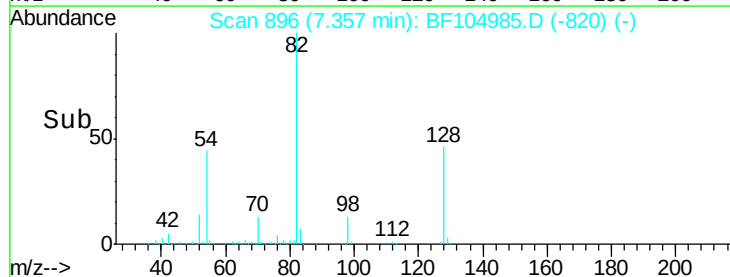
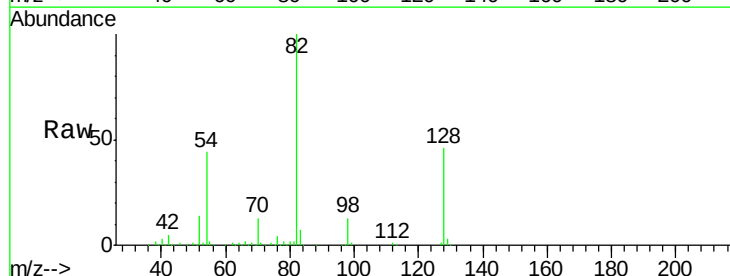
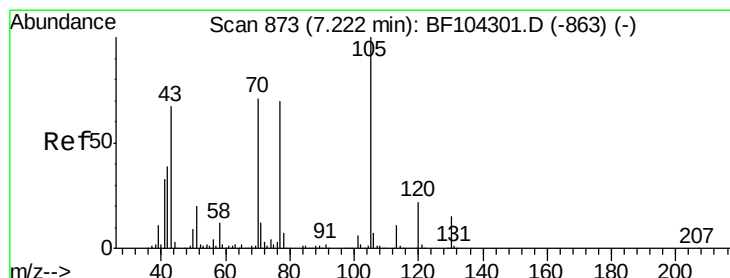
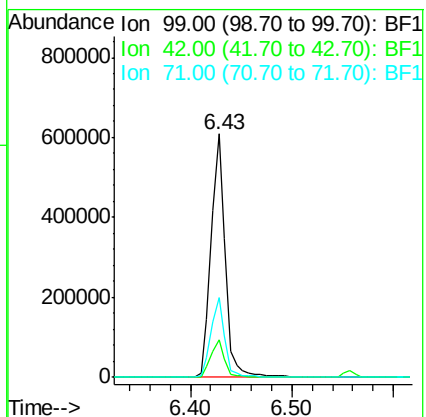
Tgt Ion: 99 Resp: 600871

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

71 32.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.061 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF104985.D

Acq: 1 May 2018 15:55

Tgt Ion: 70 Resp: 62678

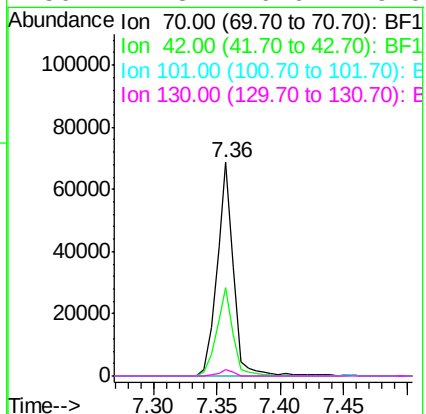
Ion Ratio Lower Upper

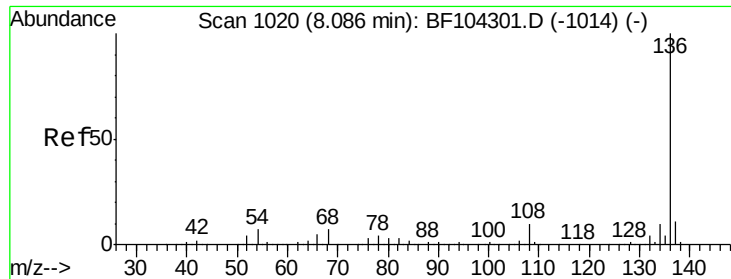
70 100

42 41.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.8 16.6 25.0#

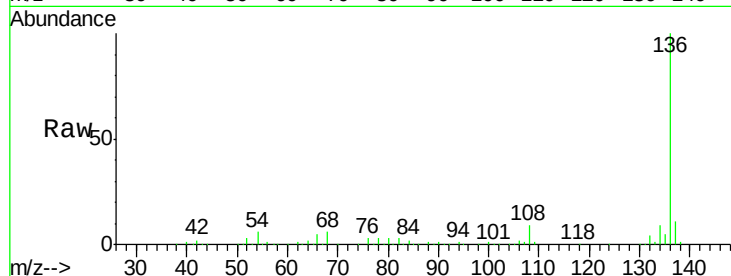




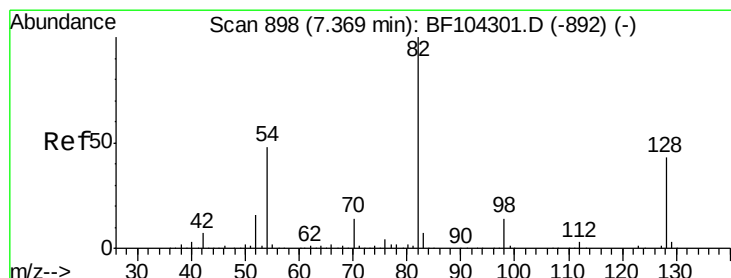
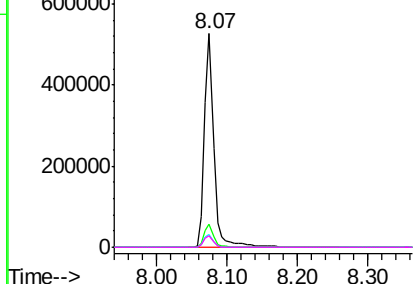
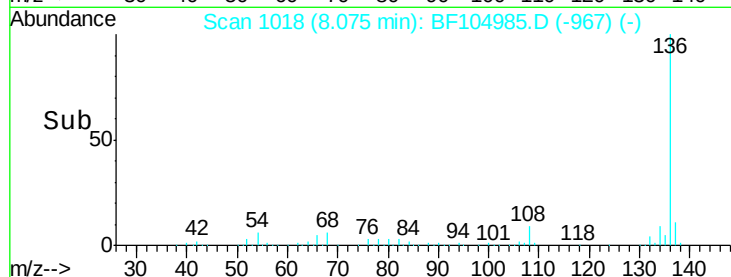
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF104985.D
Acq: 1 May 2018 15:55

Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

Tgt Ion:	136	Resp:	491277
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	6.0	6.6	9.8#
68	5.7	5.0	7.4

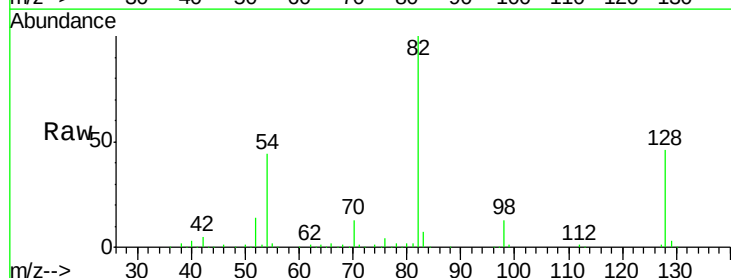


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

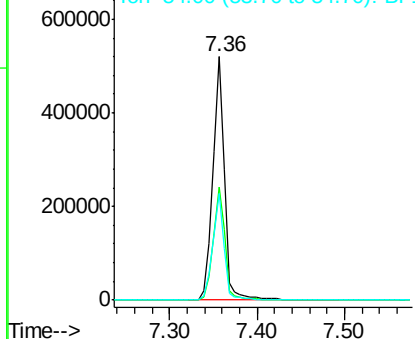
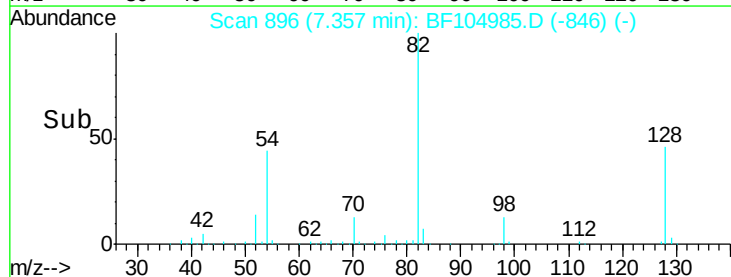


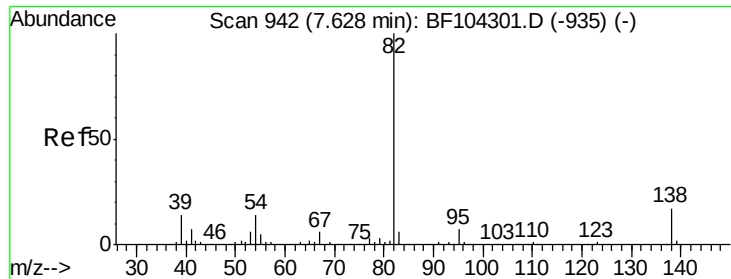
#23
Nitrobenzene-d5
Concen: 64.530 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF104985.D
Acq: 1 May 2018 15:55

Tgt Ion:	82	Resp:	485499
Ion Ratio	Lower	Upper	
82	100		
128	46.2	36.1	54.1
54	44.0	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

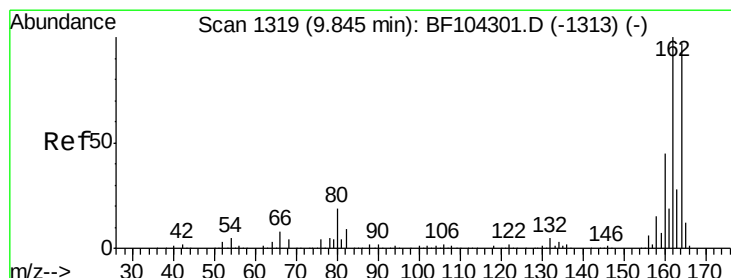
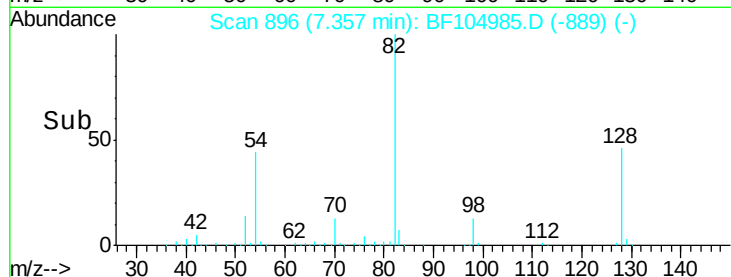
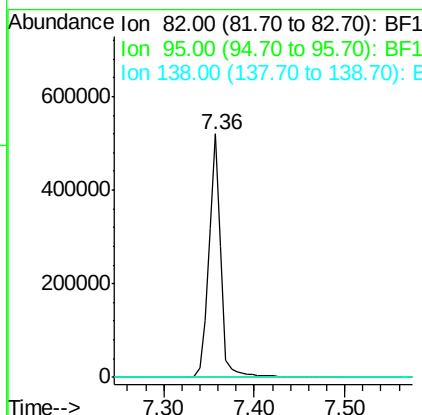
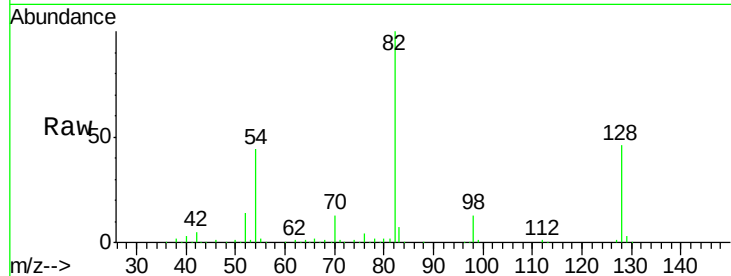




#25
Isophorone
Concen: 30.516 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF104985.D
Acq: 1 May 2018 15:55

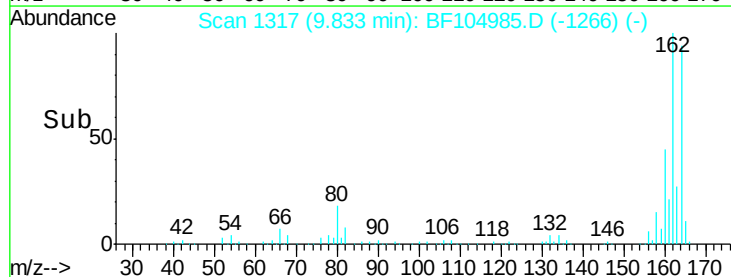
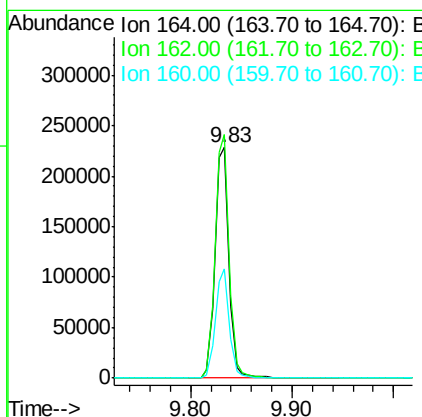
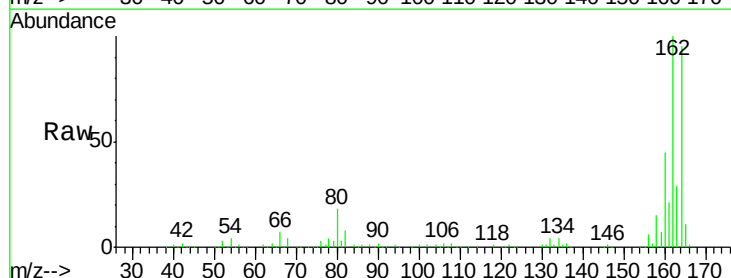
Instrument :
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CONCRETE-1

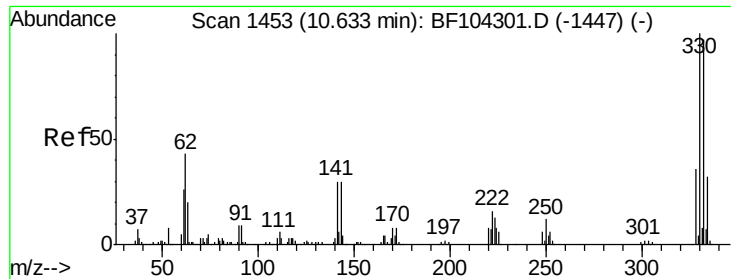
Tgt Ion: 82 Resp: 485495
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF104985.D
Acq: 1 May 2018 15:55

Tgt Ion: 164 Resp: 220074
Ion Ratio Lower Upper
164 100
162 105.6 86.1 129.1
160 47.6 38.3 57.5

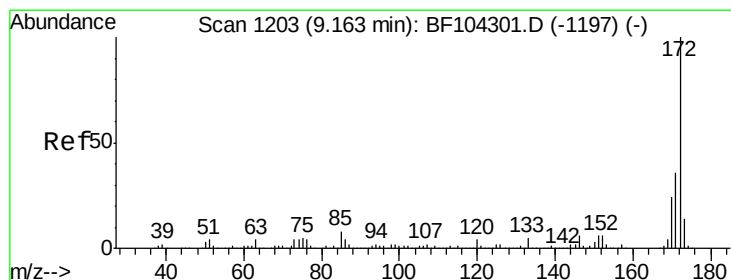
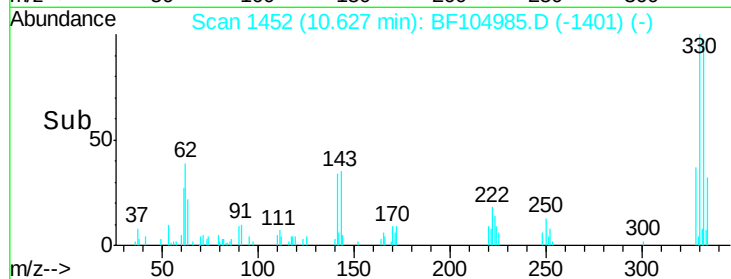
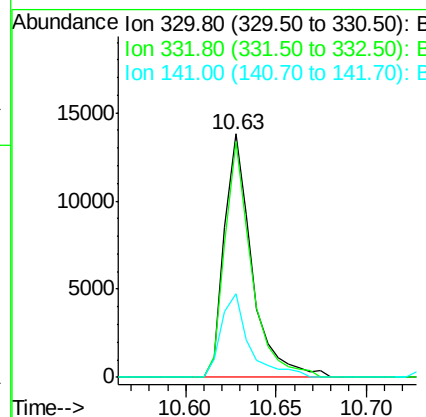
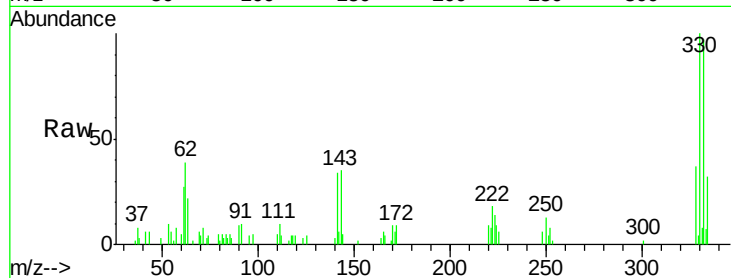




#41
 2,4,6-Tribromophenol
 Concen: 6.435 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF104985.D
 Acq: 1 May 2018 15:55

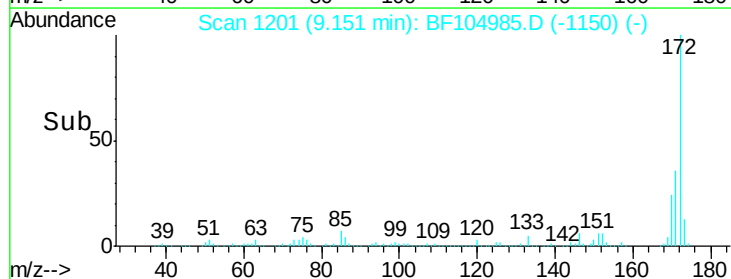
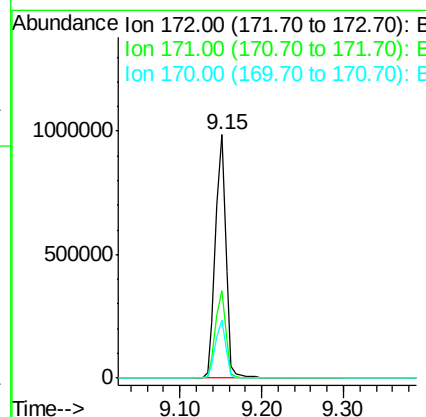
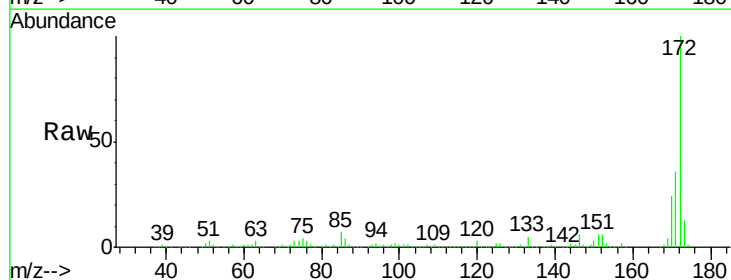
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-1

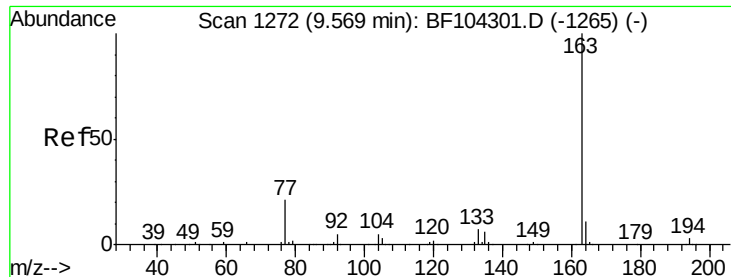
Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.0	77.0	115.6
141	34.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 63.055 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF104985.D
 Acq: 1 May 2018 15:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.8	19.6	29.4

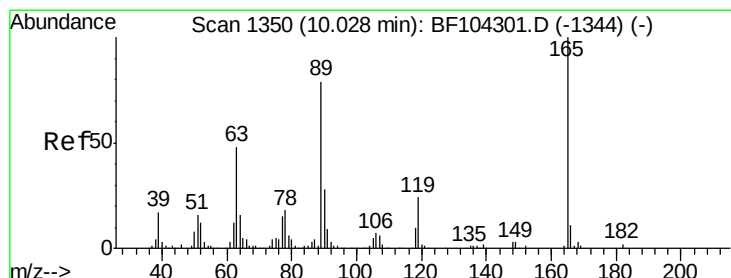
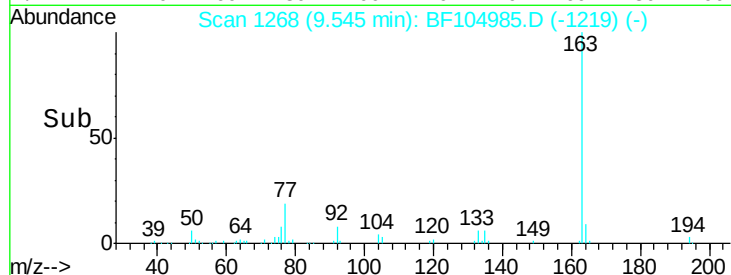
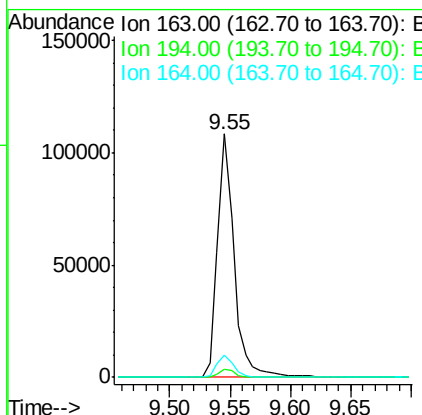
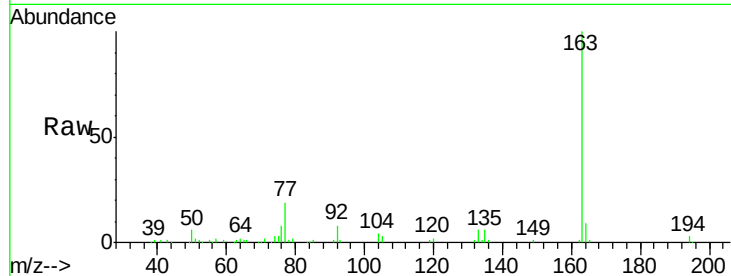




#49
Dimethylphthalate
Concen: 5.951 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF104985.D
Acq: 1 May 2018 15:55

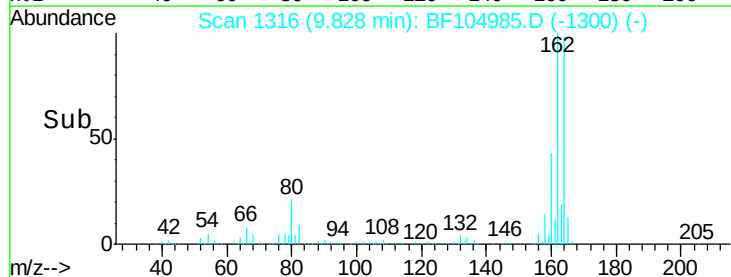
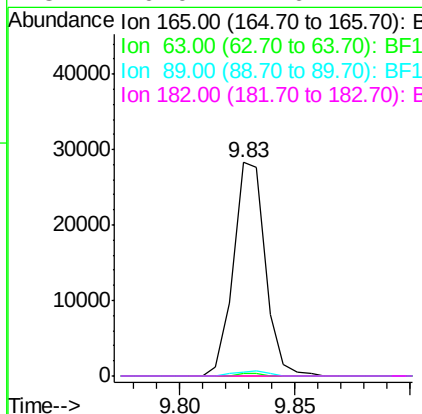
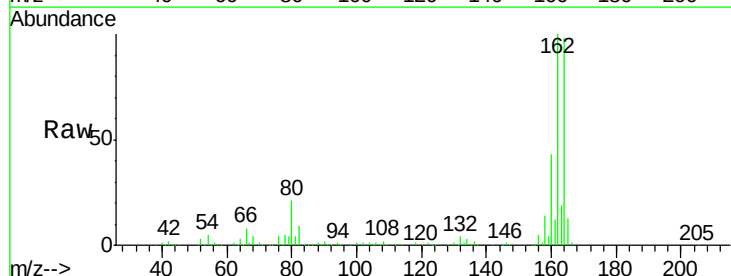
Instrument :
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CONCRETE-1

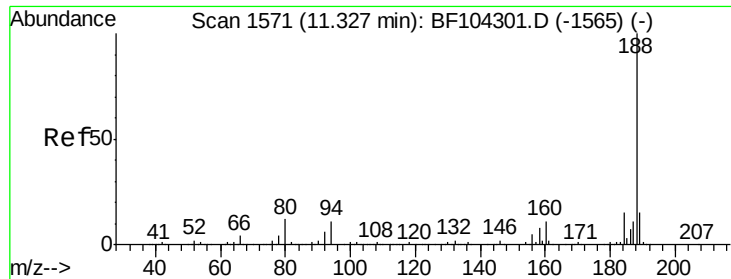
Tgt Ion:163 Resp: 103278
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.0 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.476 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF104985.D
Acq: 1 May 2018 15:55

Tgt Ion:165 Resp: 27280
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 1.9 57.8 86.6#
182 0.0 1.6 2.4#

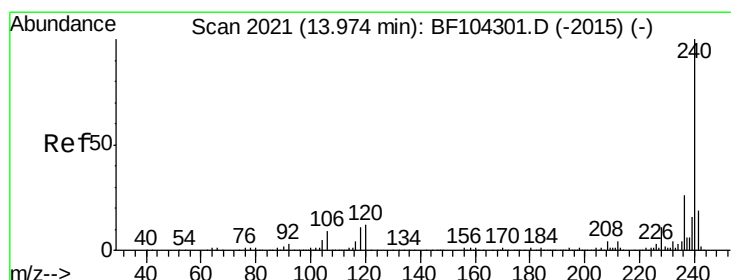
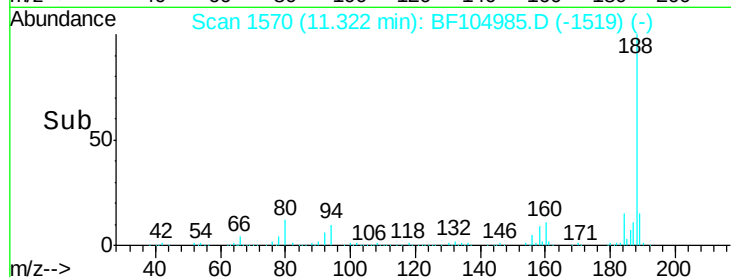
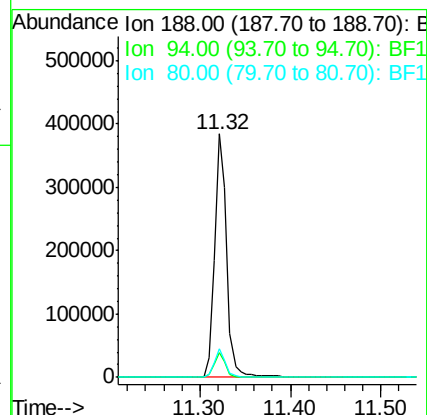
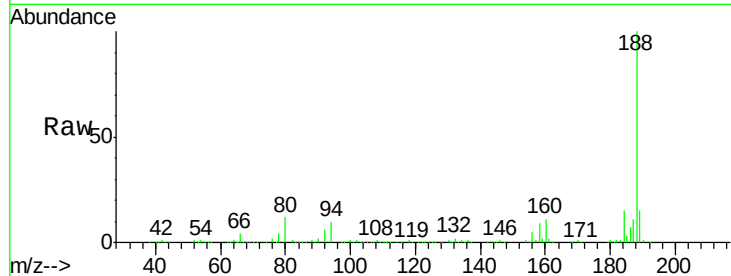




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF104985.D
Acq: 1 May 2018 15:55

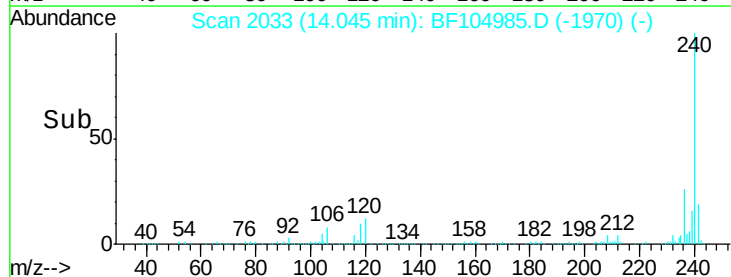
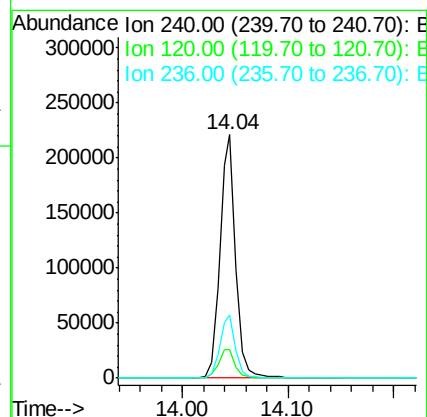
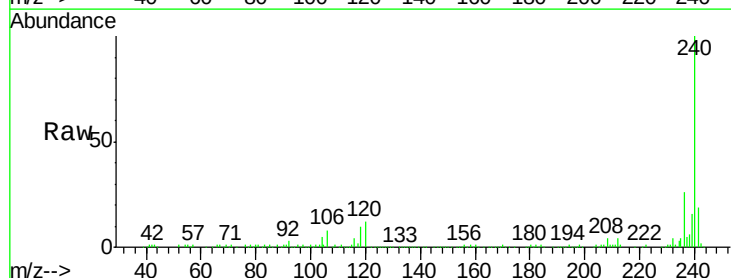
Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

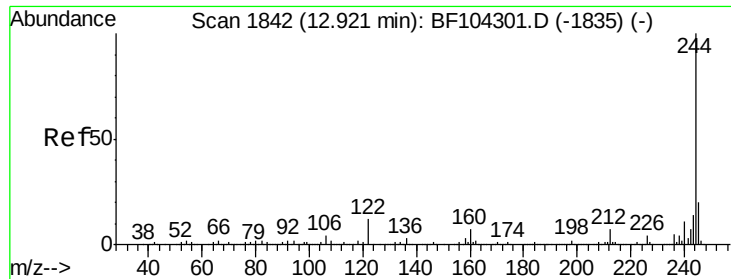
Tgt Ion:188 Resp: 360995
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 11.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.07 min
Lab File: BF104985.D
Acq: 1 May 2018 15:55

Tgt Ion:240 Resp: 230930
Ion Ratio Lower Upper
240 100
120 11.9 9.5 14.3
236 25.9 20.7 31.1





#78

Terphenyl-d14

Concen: 65.564 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF104985.D

Acq: 1 May 2018 15:55

Instrument :

BNA_F

ClientSampleId :

CONCRETE-1

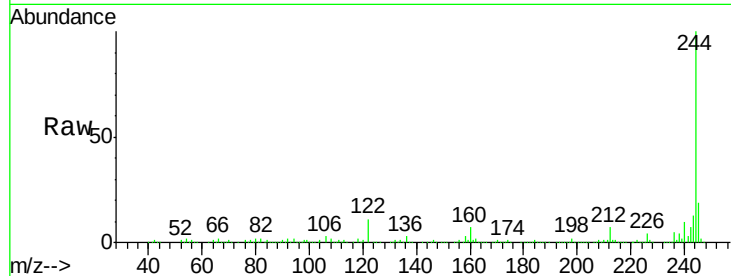
Tgt Ion:244 Resp: 664120

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

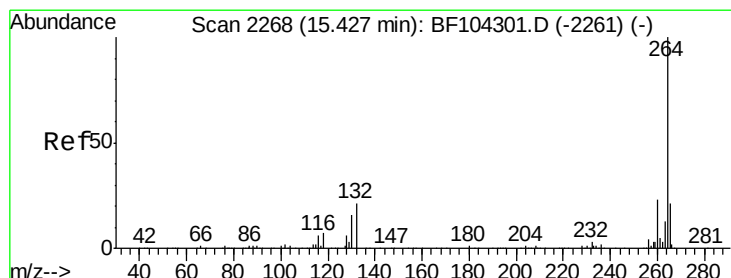
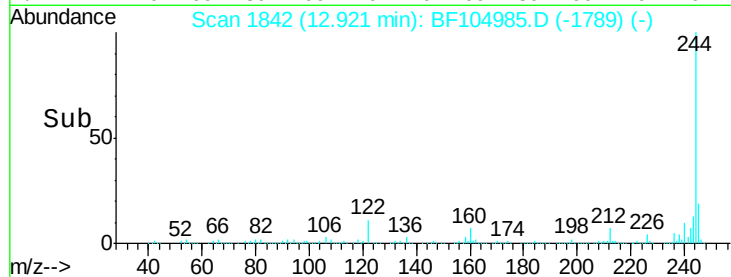
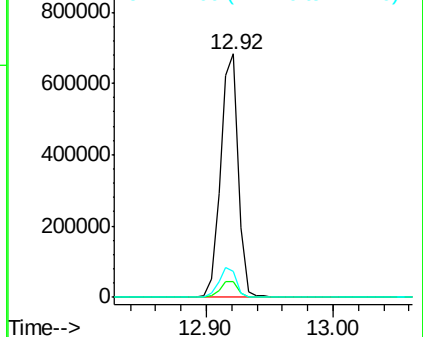
122 10.8 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.63 min Scan# 2303

Delta R.T. 0.20 min

Lab File: BF104985.D

Acq: 1 May 2018 15:55

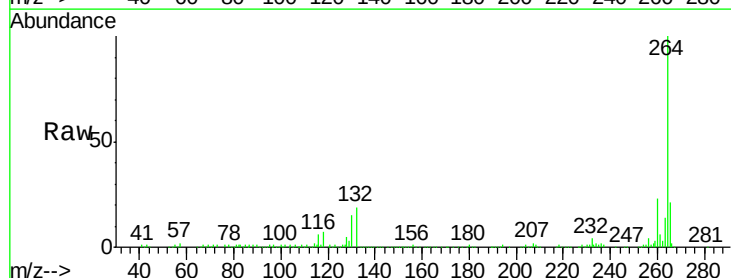
Tgt Ion:264 Resp: 223742

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.3 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

