

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020818\
 Data File : BF102873.D
 Acq On : 8 Feb 2018 23:51
 Operator : SJ/JU
 Sample : J1490-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2ND-ST-CONCRETE

Quant Time: Feb 09 01:12:43 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

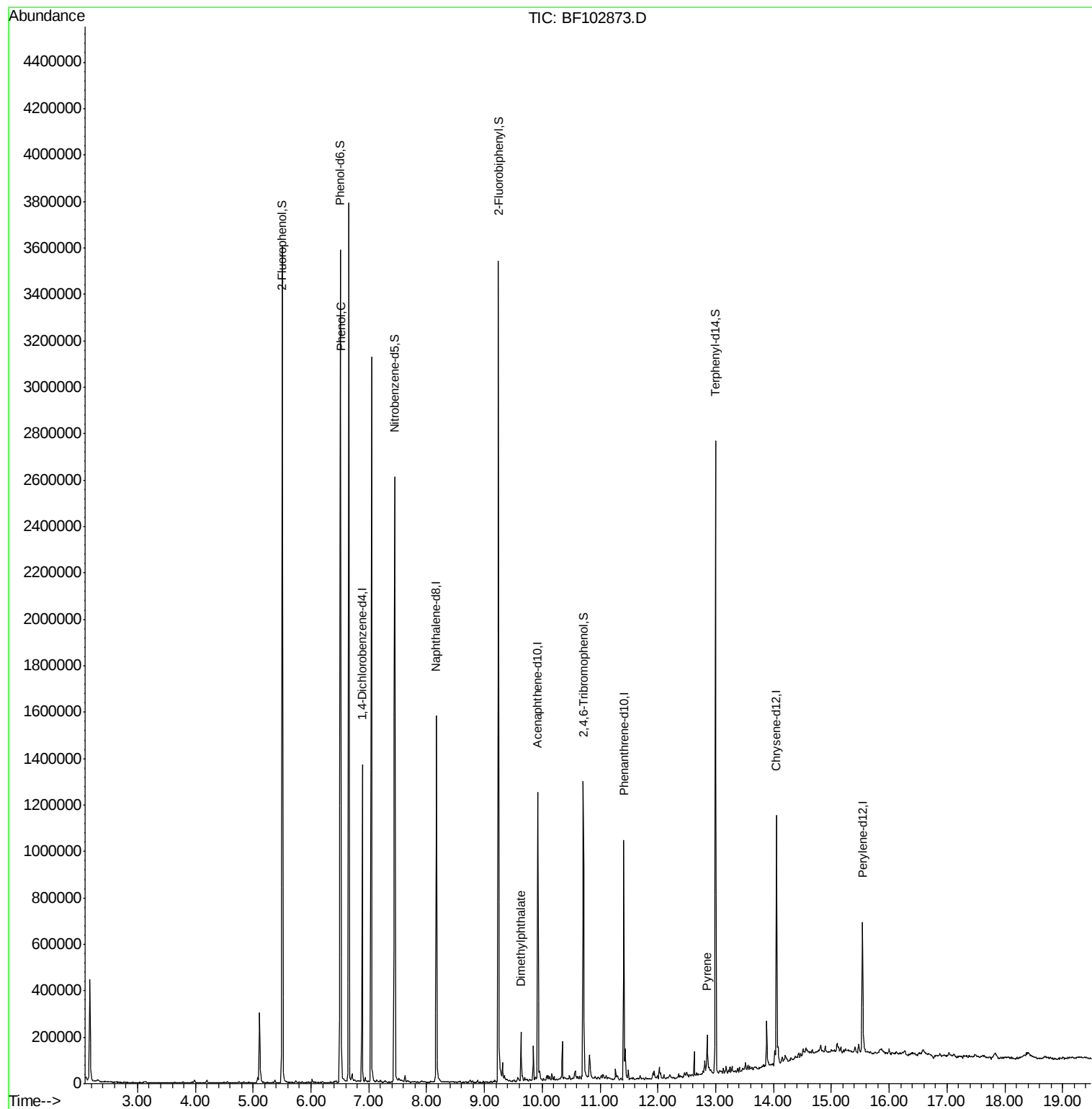
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	172579	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	671586	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	248377	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	363941	20.00	ng	0.00
75) Chrysene-d12	14.05	240	322120	20.00	ng	0.00
86) Perylene-d12	15.54	264	264131	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	979196	86.17	ng	0.01
7) Phenol-d6	6.51	99	1287322	94.08	ng	0.00
23) Nitrobenzene-d5	7.45	82	836551	86.41	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	127007	63.53	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1225939	81.90	ng	0.00
78) Terphenyl-d14	13.00	244	840305	61.77	ng	0.00
Target Compounds						
10) Phenol	6.52	94	53118	3.622	ng	92
49) Dimethylphthalate	9.63	163	71943	3.715	ng	99
77) Pyrene	12.86	202	55864	2.212	ng	95

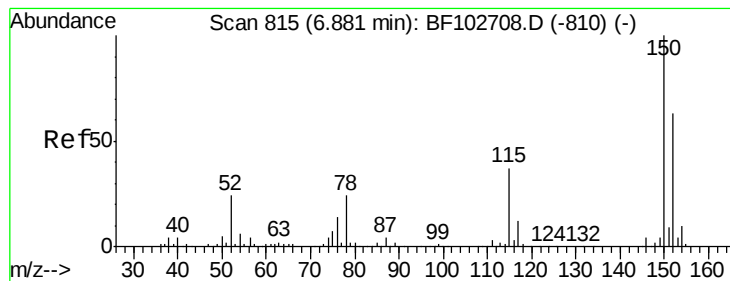
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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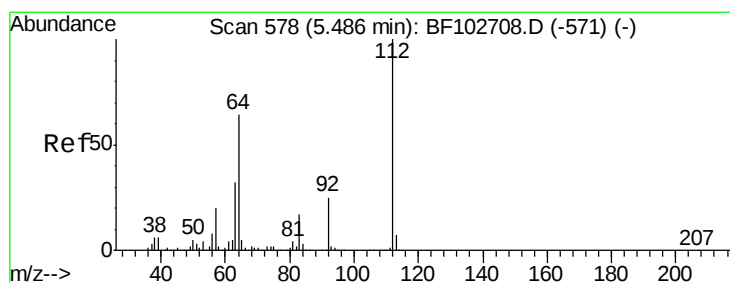
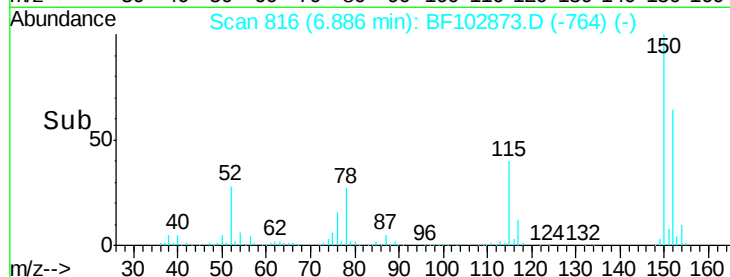
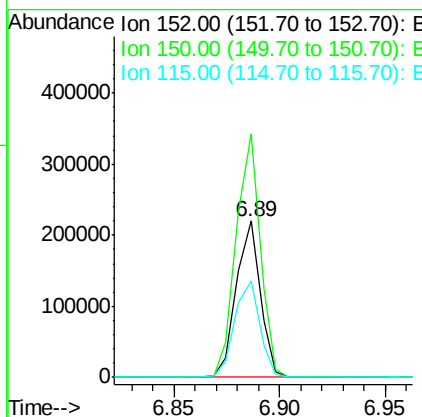
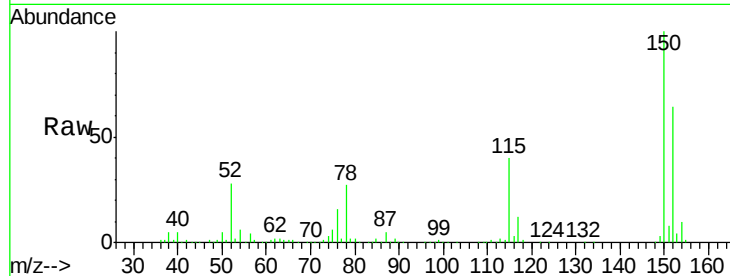


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102873.D
Acq: 8 Feb 2018 23:51

Instrument :
BNA_F
ClientSampleId :
2ND-ST-CONCRETE

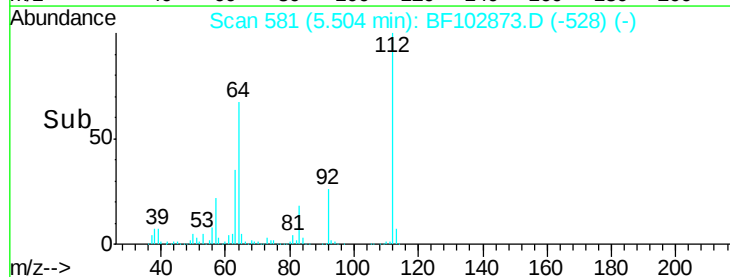
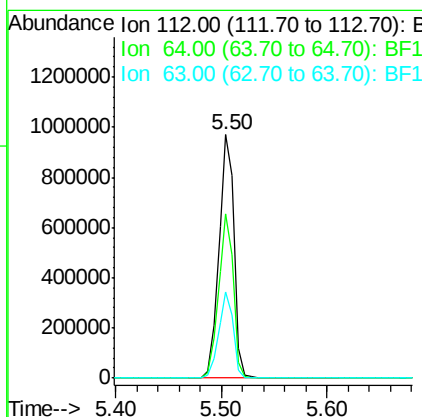
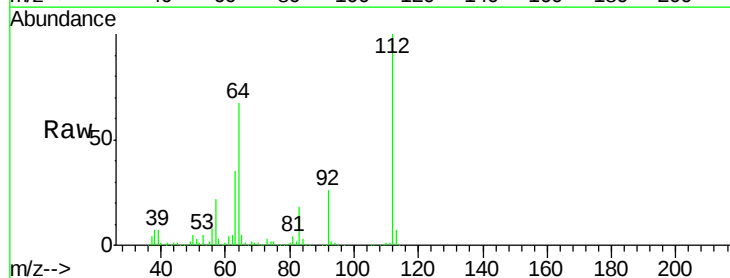
Tgt Ion:152 Resp: 172579
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 62.0 50.1 75.1

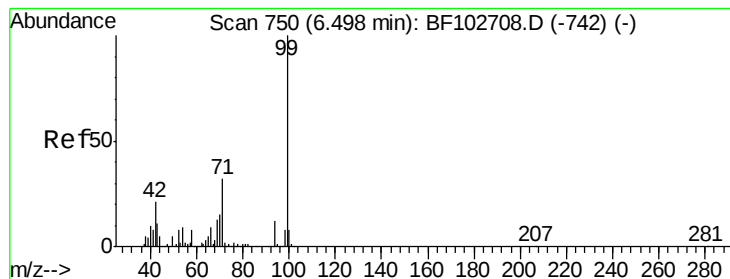


#5

2-Fluorophenol
Concen: 86.168 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102873.D
Acq: 8 Feb 2018 23:51

Tgt Ion:112 Resp: 979196
Ion Ratio Lower Upper
112 100
64 67.2 47.9 71.9
63 35.3 23.7 35.5





#7

Phenol-d6

Concen: 94.083 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102873.D

Acq: 8 Feb 2018 23:51

Instrument :

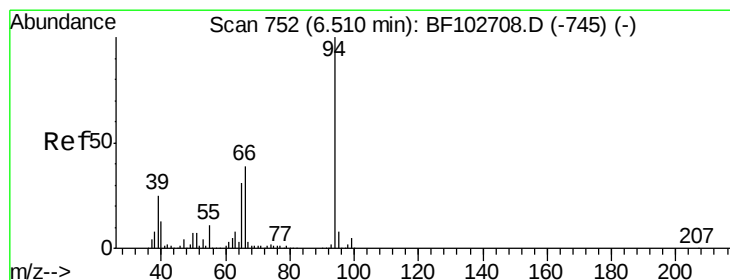
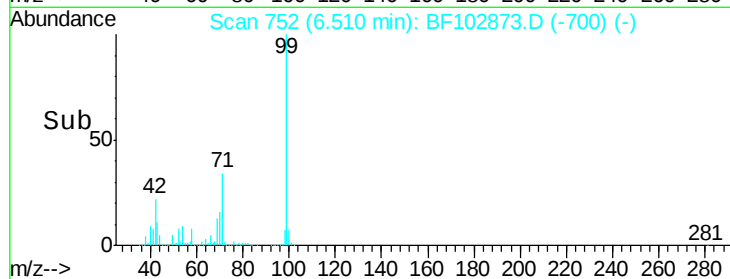
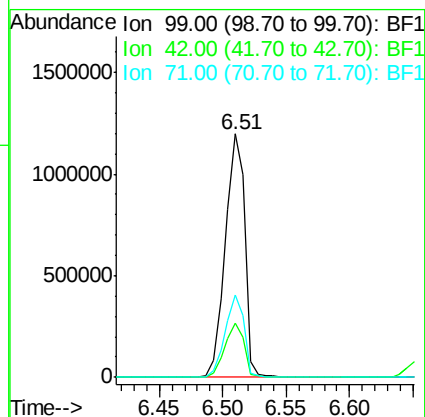
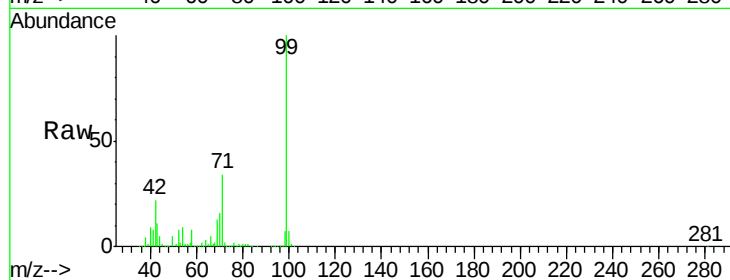
BNA_F

ClientSampleId :

2ND-ST-CONCRETE

Tgt Ion: 99 Resp: 1287322

Ion	Ratio	Lower	Upper
99	100		
42	22.2	14.5	21.7#
71	33.6	25.4	38.0



#10

Phenol

Concen: 3.622 ng

RT: 6.52 min Scan# 754

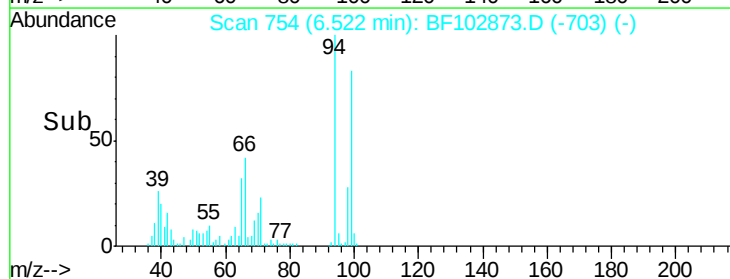
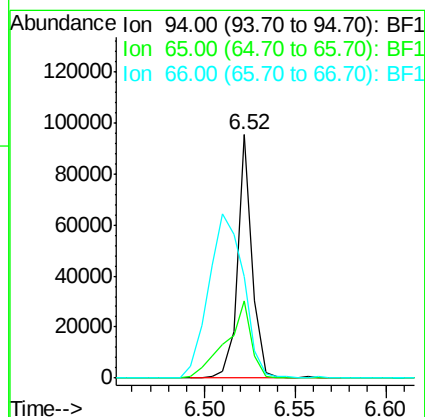
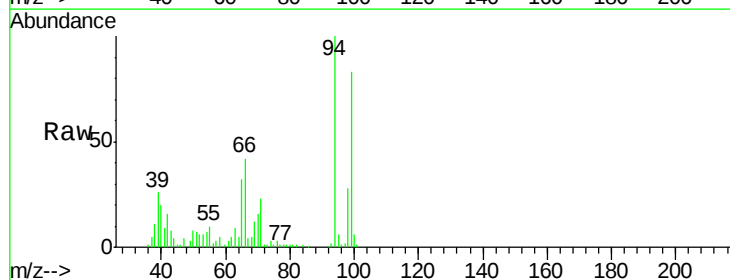
Delta R.T. -0.00 min

Lab File: BF102873.D

Acq: 8 Feb 2018 23:51

Tgt Ion: 94 Resp: 53118

Ion	Ratio	Lower	Upper
94	100		
65	31.6	7.9	47.9
66	41.8	16.2	56.2

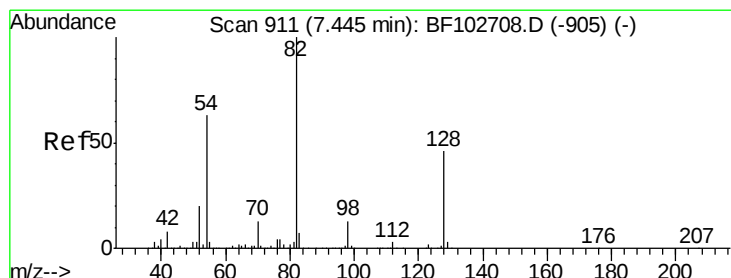
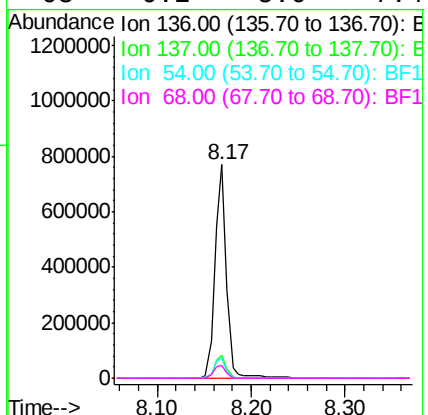
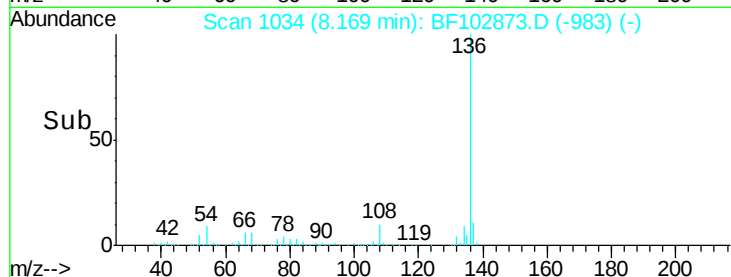
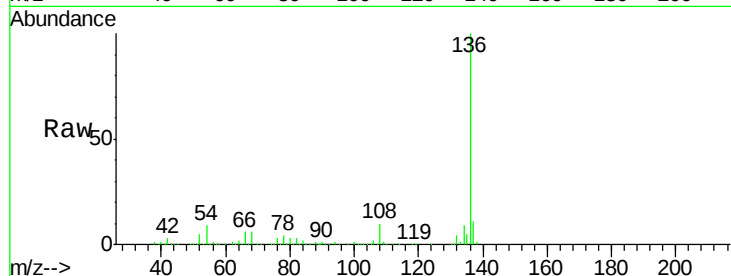




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102873.D
Acq: 8 Feb 2018 23:51

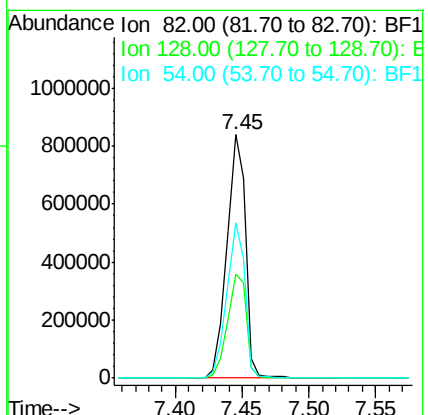
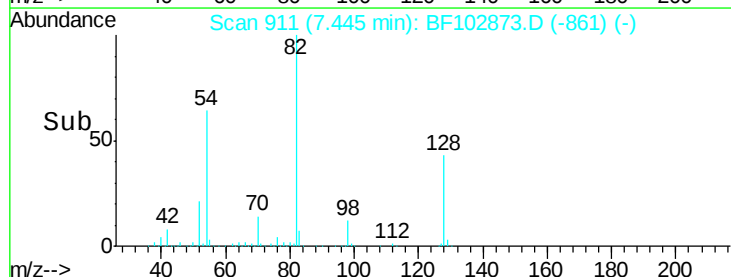
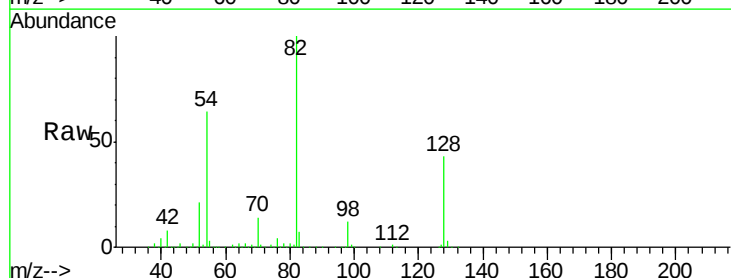
Instrument :
BNA_F
ClientSampleId :
2ND-ST-CONCRETE

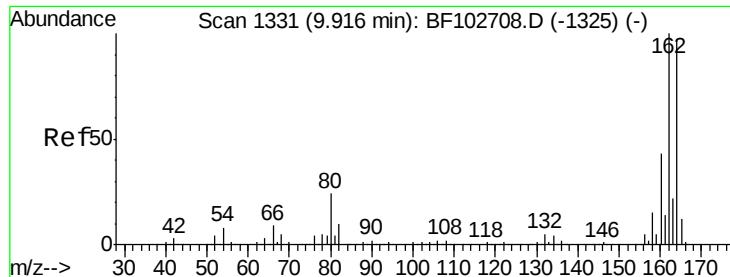
Tgt Ion:	136	Resp:	671586
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.4	6.6	9.8
68	6.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 86.410 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102873.D
Acq: 8 Feb 2018 23:51

Tgt Ion:	82	Resp:	836551
Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.1	54.1
54	63.8	41.4	62.2#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF102873.D

Acq: 8 Feb 2018 23:51

Instrument :

BNA_F

ClientSampleId :

2ND-ST-CONCRETE

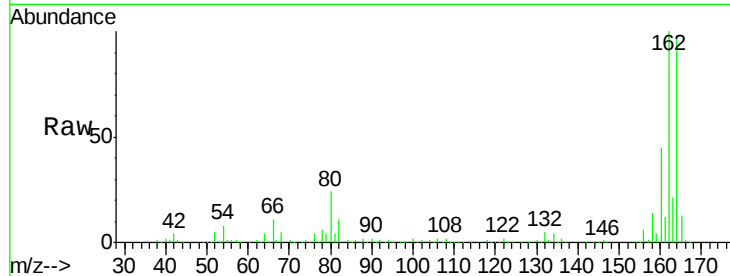
Tgt Ion:164 Resp: 248377

Ion Ratio Lower Upper

164 100

162 101.8 86.1 129.1

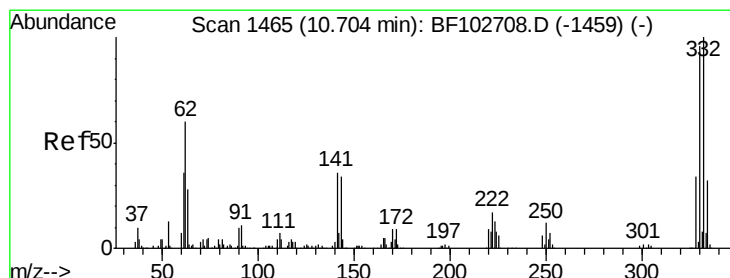
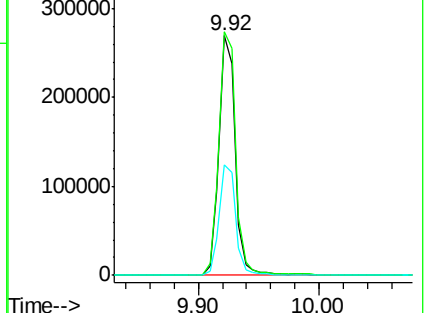
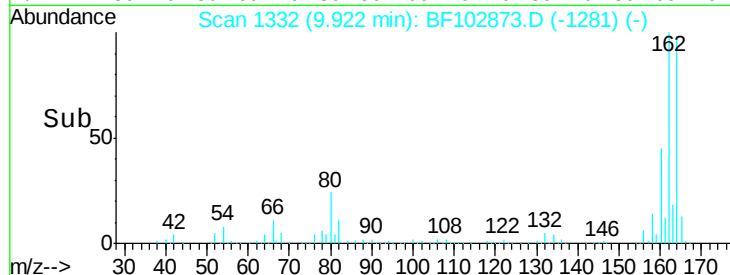
160 46.2 38.3 57.5



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: 63.531 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BF102873.D

Acq: 8 Feb 2018 23:51

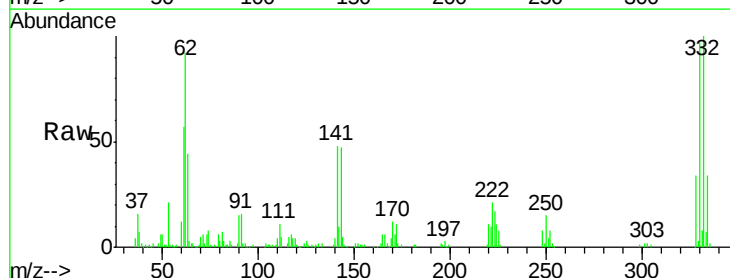
Tgt Ion:330 Resp: 127007

Ion Ratio Lower Upper

330 100

332 103.3 77.0 115.6

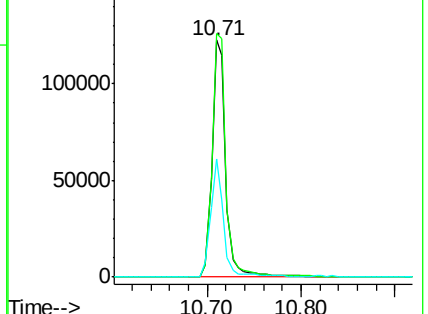
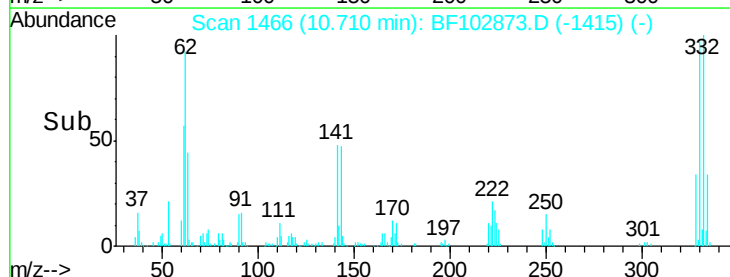
141 47.5 29.9 44.9#

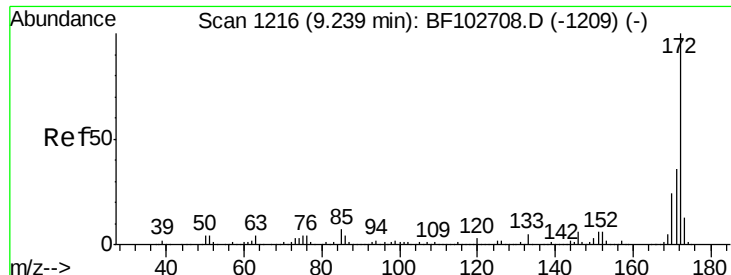


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

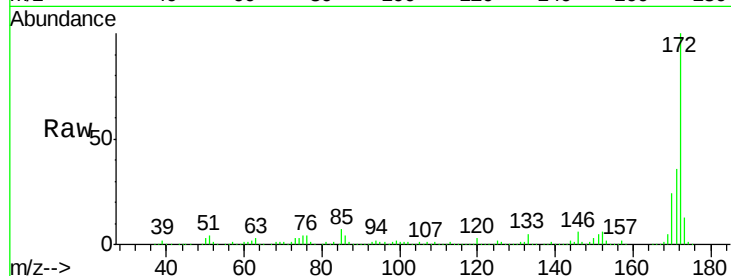




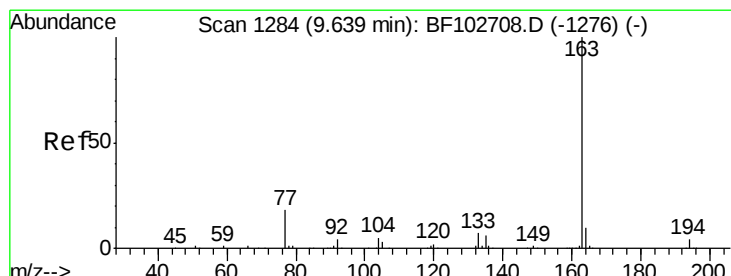
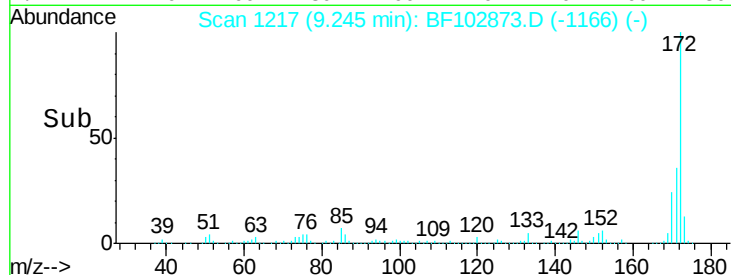
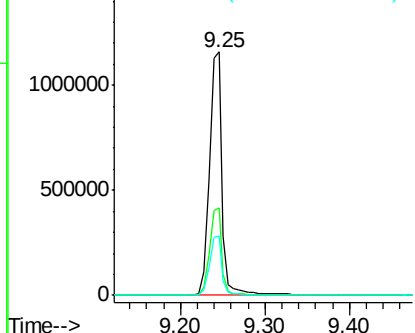
#44
 2-Fluorobiphenyl
 Concen: 81.902 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF102873.D
 Acq: 8 Feb 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 2ND-ST-CONCRETE

Tgt Ion:172 Resp: 1225939
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.4 19.6 29.4

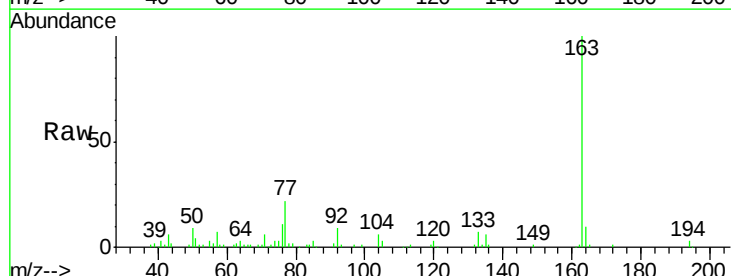


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

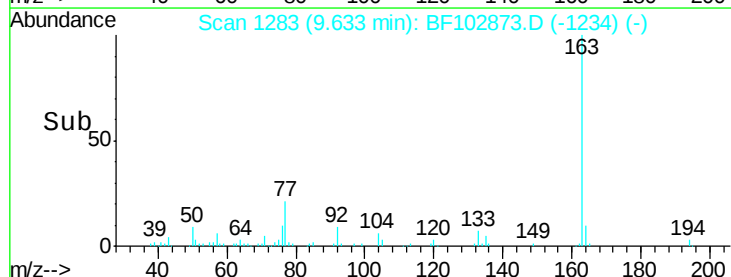
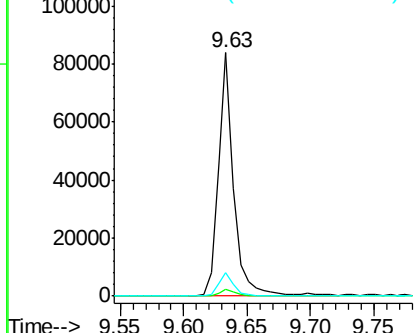


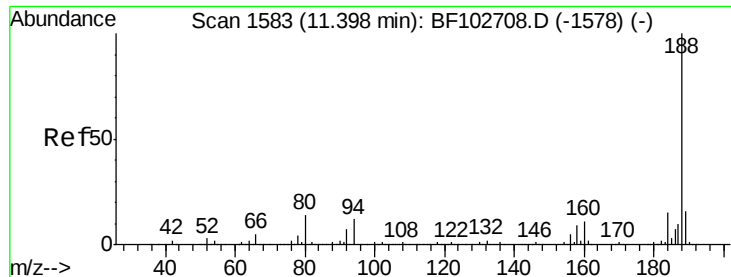
#49
 Dimethylphthalate
 Concen: 3.715 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF102873.D
 Acq: 8 Feb 2018 23:51

Tgt Ion:163 Resp: 71943
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.7 4.1
 164 9.8 8.2 12.2



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

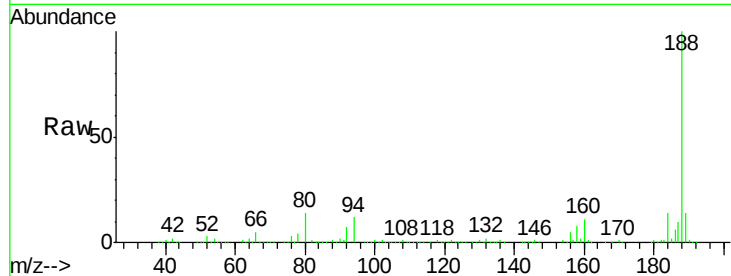




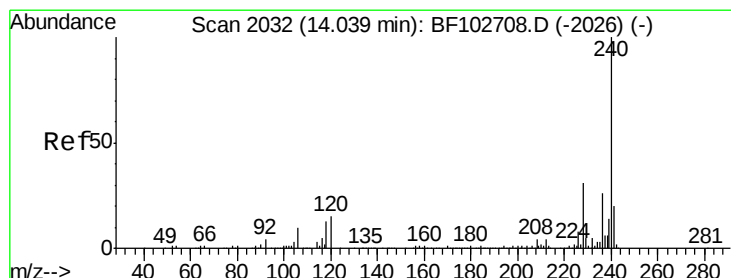
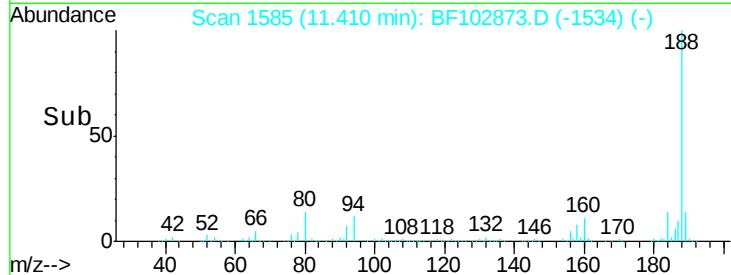
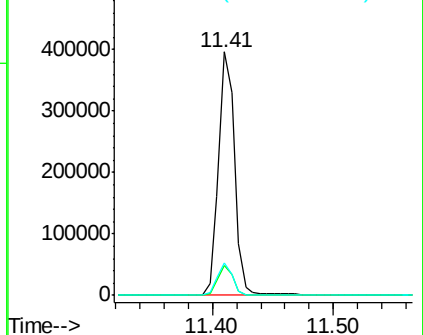
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102873.D
Acq: 8 Feb 2018 23:51

Instrument :
BNA_F
ClientSampleId :
2ND-ST-CONCRETE

Tgt Ion:188 Resp: 363941
Ion Ratio Lower Upper
188 100
94 12.2 8.5 12.7
80 13.5 9.2 13.8

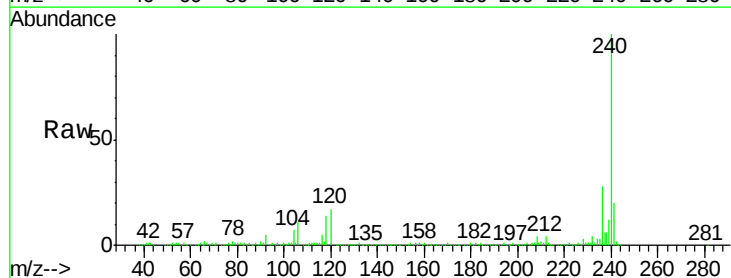


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

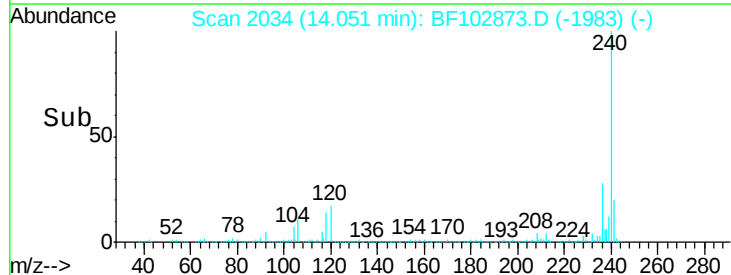
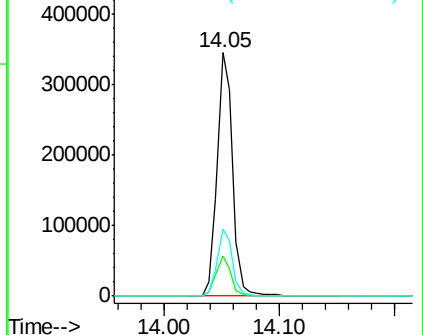


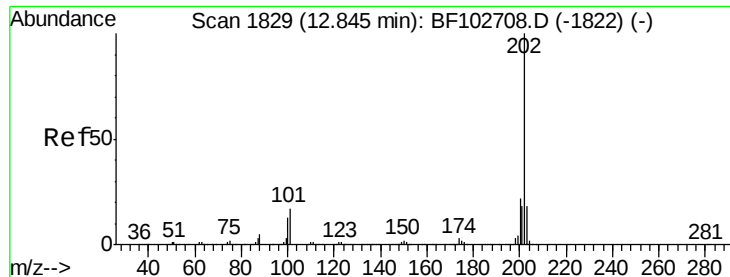
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF102873.D
Acq: 8 Feb 2018 23:51

Tgt Ion:240 Resp: 322120
Ion Ratio Lower Upper
240 100
120 16.5 9.5 14.3#
236 27.7 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

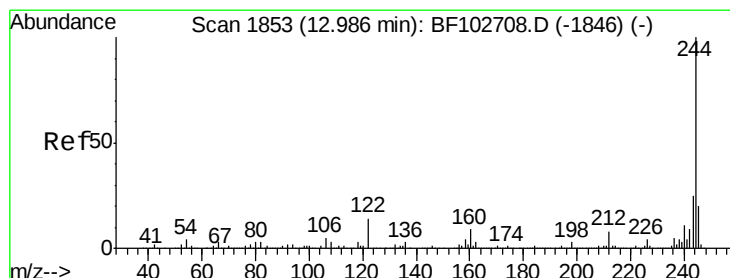
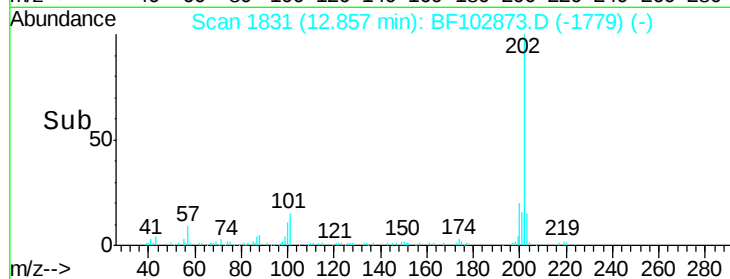
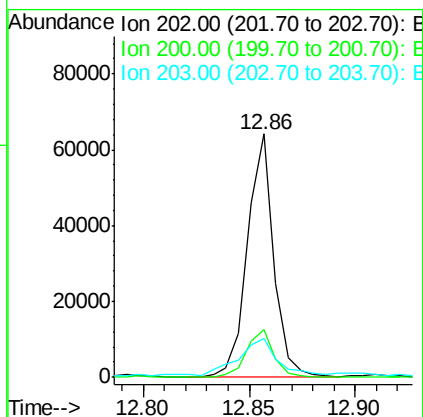
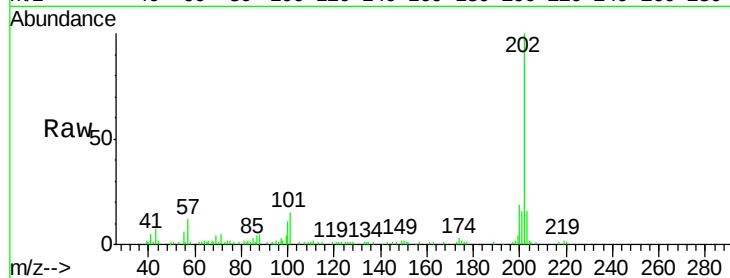




#77
 Pyrene
 Concen: 2.212 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. 0.01 min
 Lab File: BF102873.D
 Acq: 8 Feb 2018 23:51

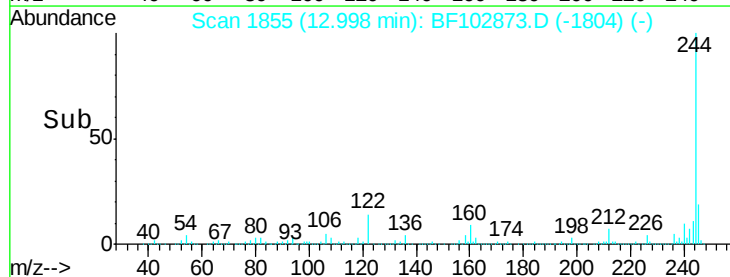
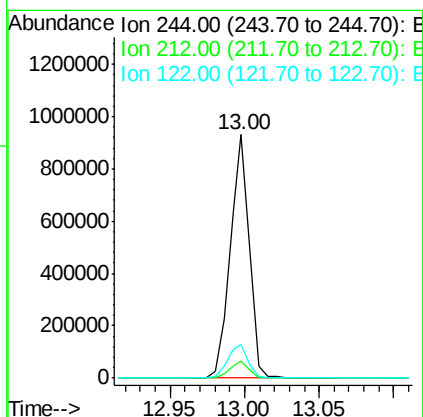
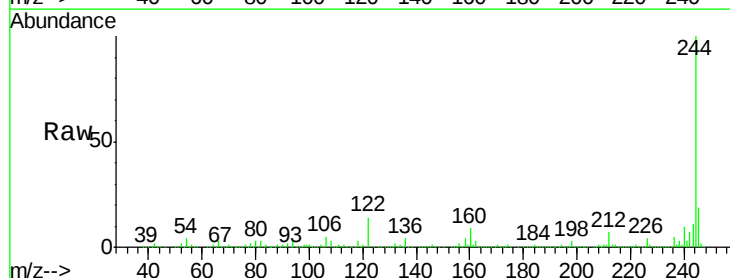
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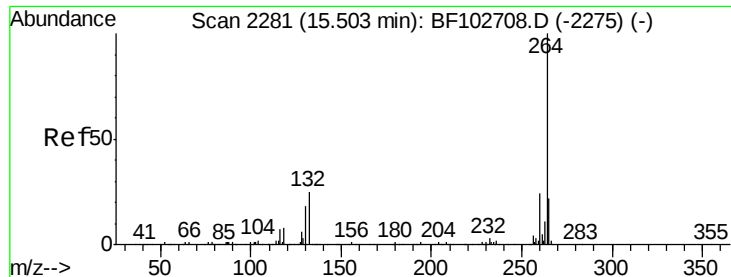
Tgt Ion: 202 Resp: 55864
 Ion Ratio Lower Upper
 202 100
 200 19.4 17.4 26.2
 203 15.8 14.3 21.5



#78
 Terphenyl-d14
 Concen: 61.767 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: BF102873.D
 Acq: 8 Feb 2018 23:51

Tgt Ion: 244 Resp: 840305
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.0 11.0 16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102873.D
Acq: 8 Feb 2018 23:51

Instrument :
BNA_F
ClientSampleId :
2ND-ST-CONCRETE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.6	17.5	26.3

