

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF104986.D
 Acq On : 1 May 2018 16:21
 Operator : JU/SJ
 Sample : J2616-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-2

Quant Time: May 02 06:49:43 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

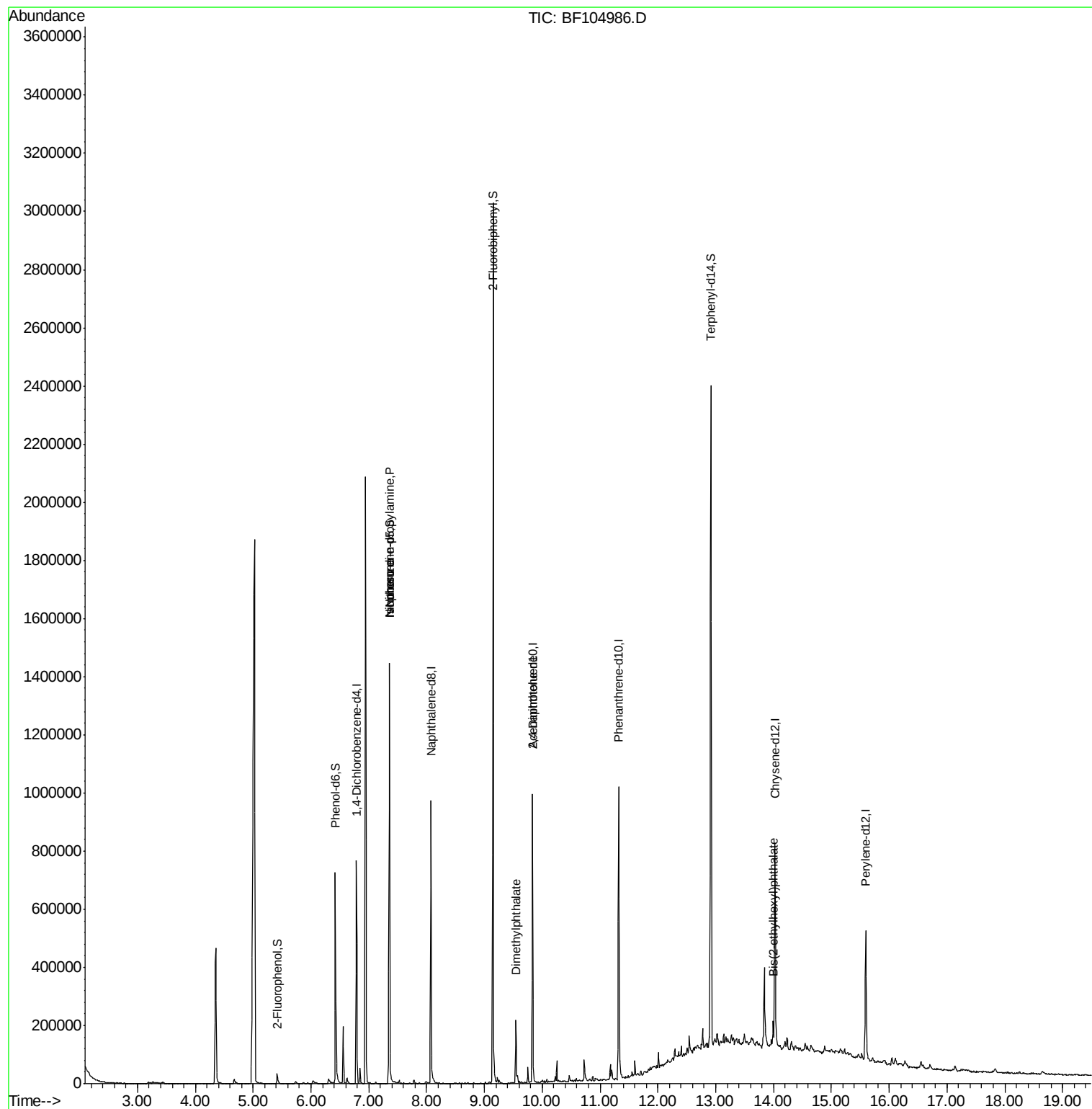
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	109581	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	462822	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	212984	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	358833	20.00	ng	0.00
75) Chrysene-d12	14.03	240	239013	20.00	ng	0.05
86) Perylene-d12	15.60	264	221762	20.00	ng	0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	16888	2.36	ng	0.00
7) Phenol-d6	6.43	99	305047	34.64	ng	0.00
23) Nitrobenzene-d5	7.36	82	500423	70.60	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.15	172	935549	69.39	ng	0.00
78) Terphenyl-d14	12.92	244	789817	75.34	ng	0.00
Target Compounds						
9) Benzaldehyde	6.42	77	402	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	63256	10.993 ng	#	1
25) Isophorone	7.36	82	500418	33.387 ng	#	70
49) Dimethylphthalate	9.55	163	96063	5.720 ng	#	64
56) 2,4-Dinitrotoluene	9.83	165	26267	6.443 ng	#	100
76) Benzidine	12.92	184	10513	Below Cal		24
83) Bis(2-ethylhexyl)phthalate	13.99	149	25385	2.365 ng		96
						99

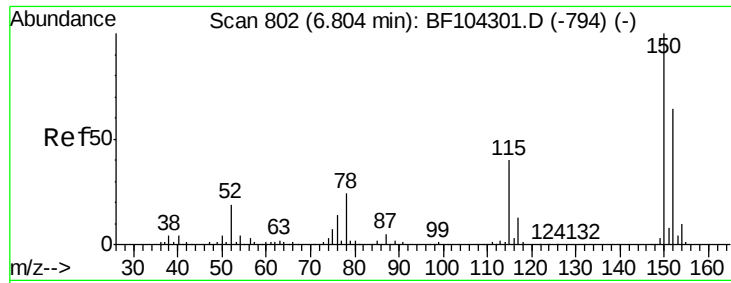
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104986.D
Acq On : 1 May 2018 16:21
Operator : JU/SJ
Sample : J2616-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

Quant Time: May 02 06:49:43 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



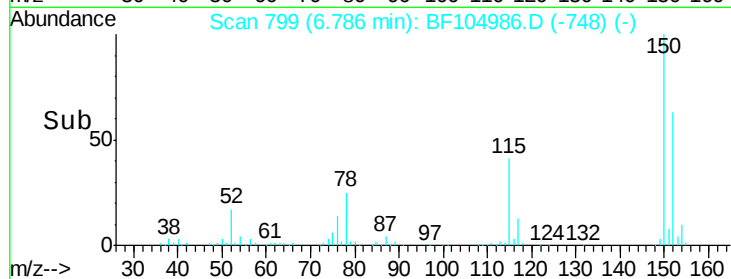
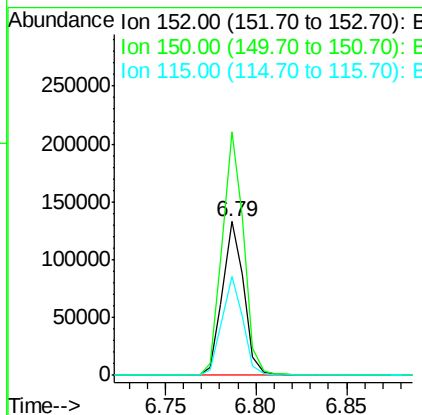
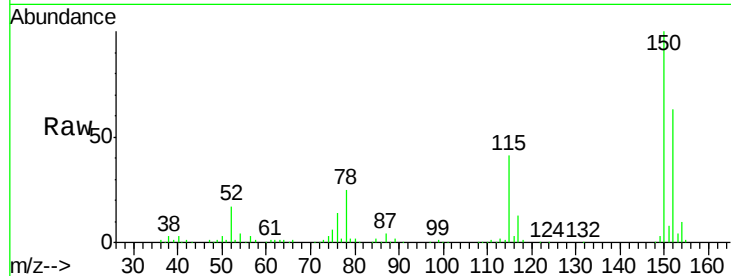


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF104986.D
 Acq: 1 May 2018 16:21

Instrument :
 BNA_F
 ClientSampled :
 CONCRETE-2

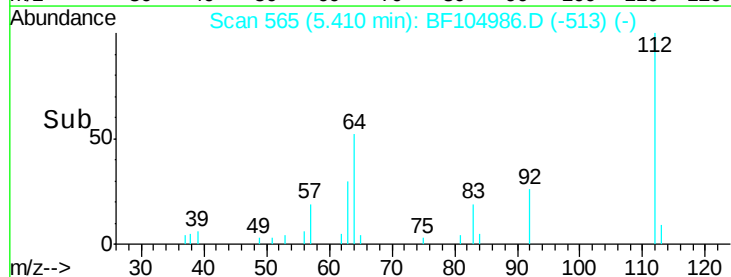
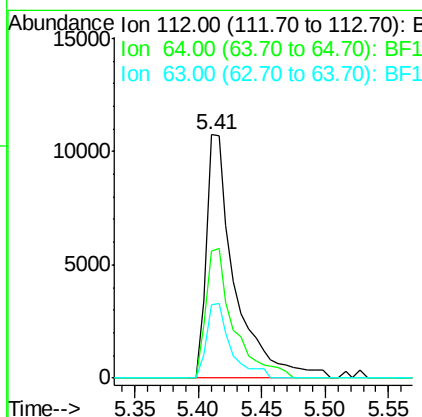
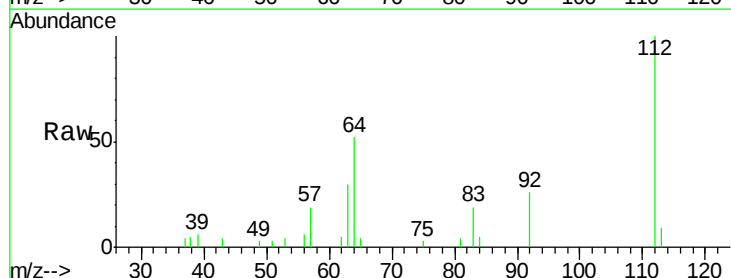
Tgt Ion:152 Resp: 109581
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.6 186.8
 115 64.2 50.1 75.1



#5

2-Fluorophenol
 Concen: 2.356 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF104986.D
 Acq: 1 May 2018 16:21

Tgt Ion:112 Resp: 16888
 Ion Ratio Lower Upper
 112 100
 64 52.1 47.9 71.9
 63 30.4 23.7 35.5





#7

Phenol-d6

Concen: 34.643 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF104986.D

Acq: 1 May 2018 16:21

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2

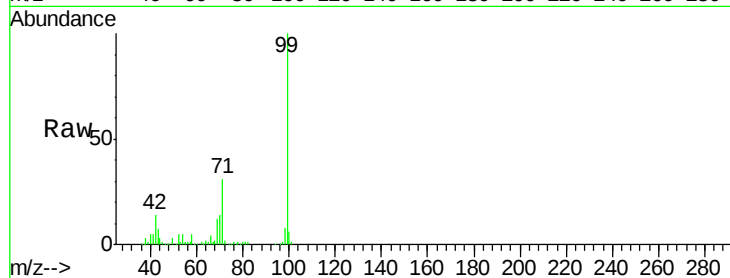
Tgt Ion: 99 Resp: 305047

Ion Ratio Lower Upper

99 100

42 13.8 14.5 21.7#

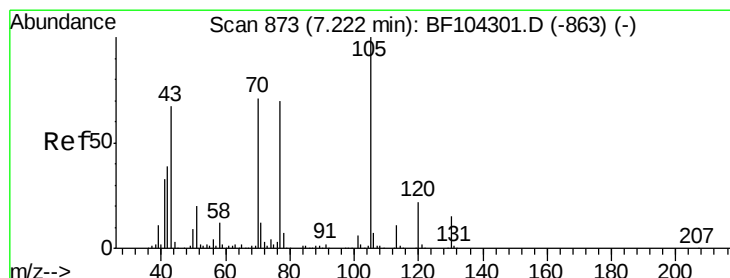
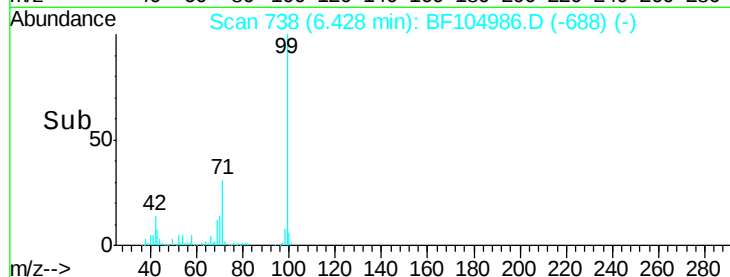
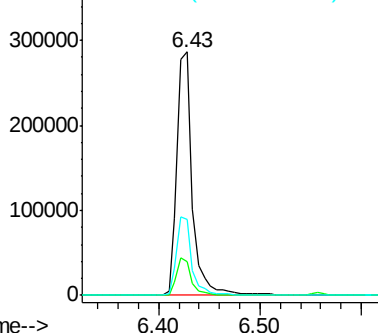
71 30.9 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.993 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF104986.D

Acq: 1 May 2018 16:21

Tgt Ion: 70 Resp: 63256

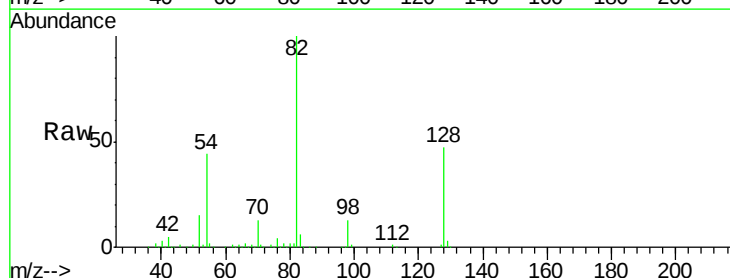
Ion Ratio Lower Upper

70 100

42 39.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

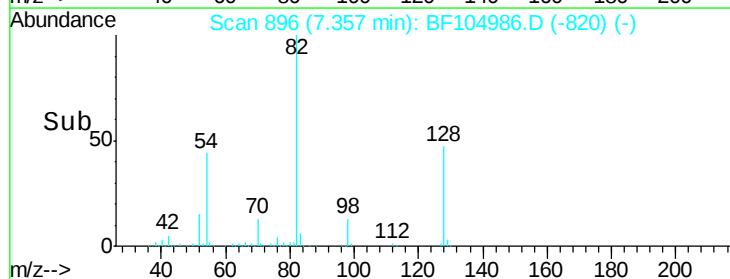
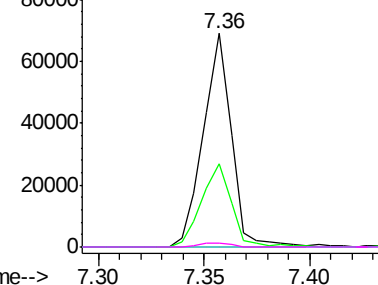


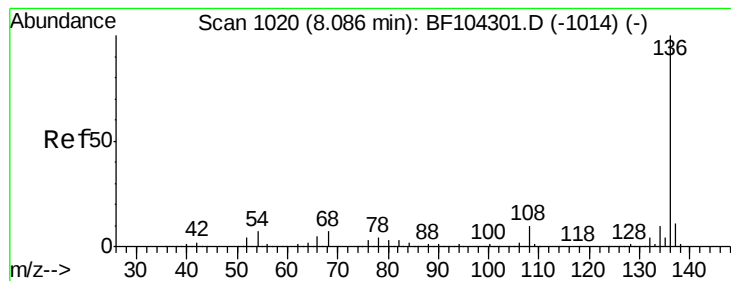
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF104986.D

Acq: 1 May 2018 16:21

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2

Tgt Ion:136 Resp: 462822

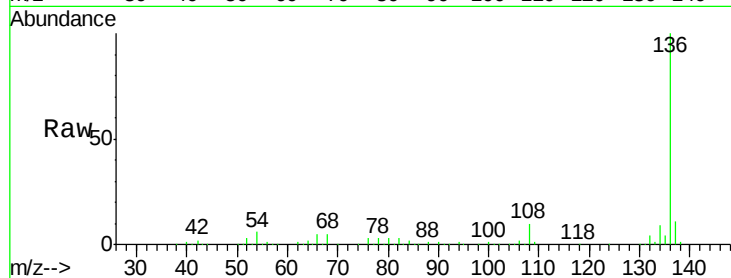
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.2 6.6 9.8#

68 5.3 5.0 7.4

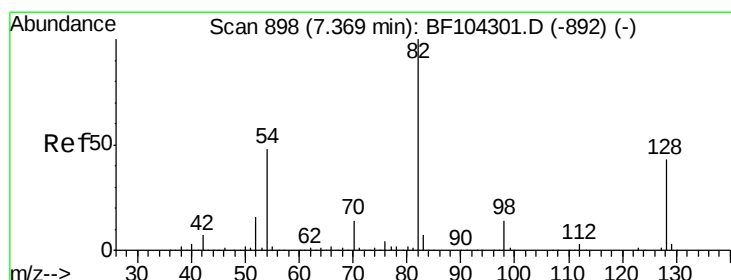
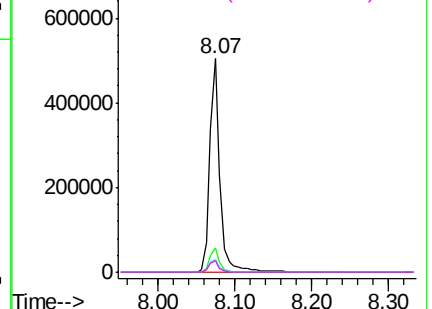
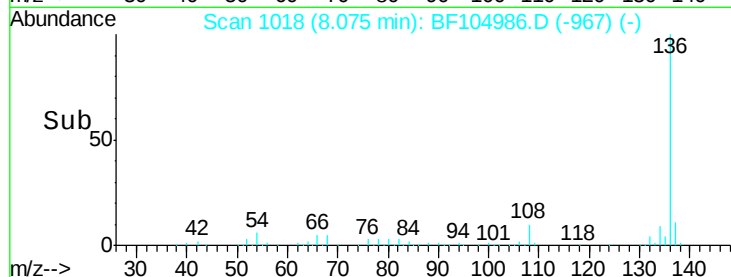


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.603 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF104986.D

Acq: 1 May 2018 16:21

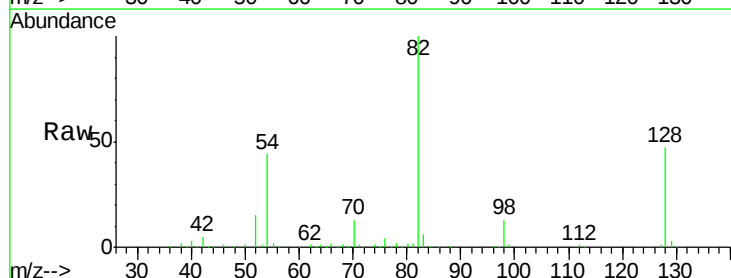
Tgt Ion: 82 Resp: 500423

Ion Ratio Lower Upper

82 100

128 46.6 36.1 54.1

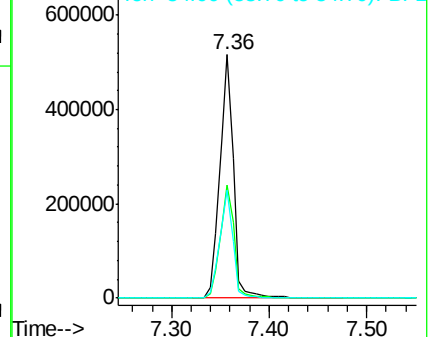
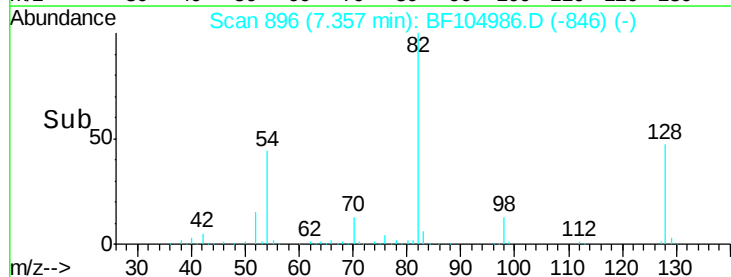
54 44.1 41.4 62.2

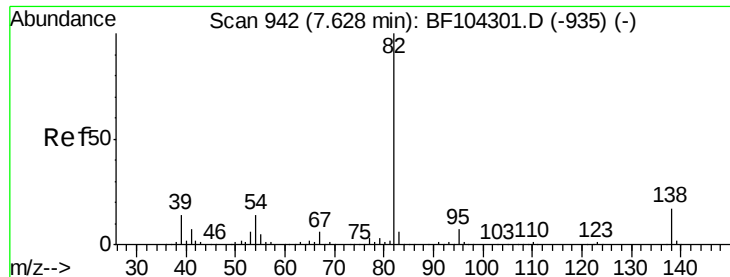


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

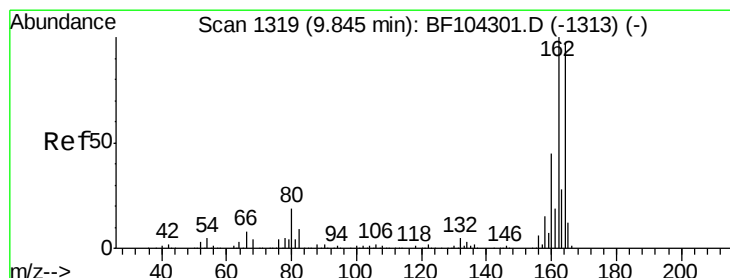
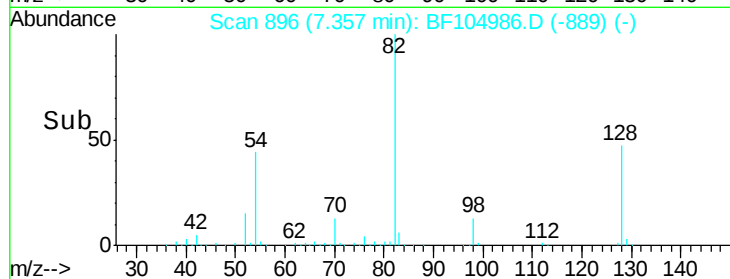
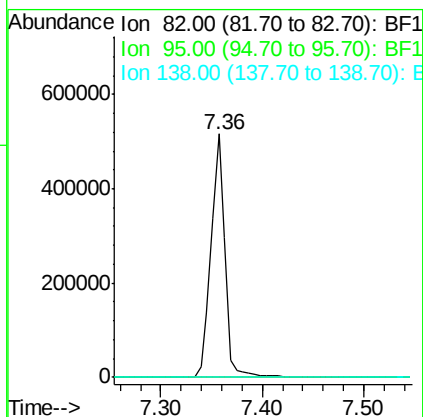
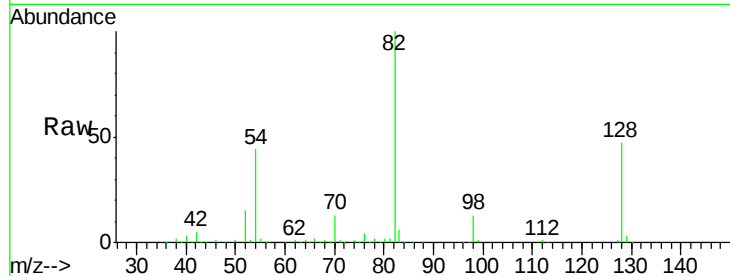




#25
Isophorone
Concen: 33.387 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF104986.D
Acq: 1 May 2018 16:21

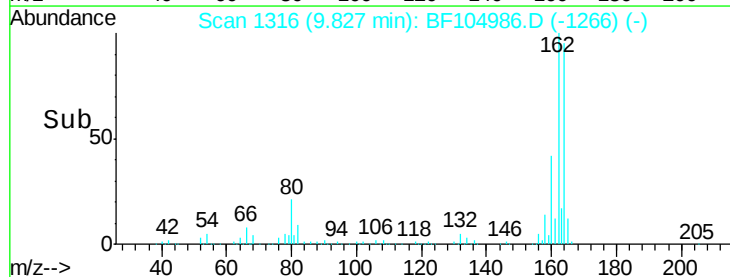
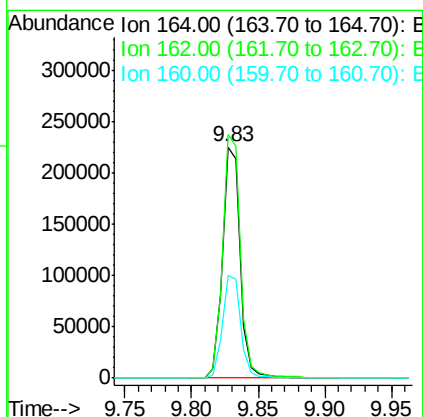
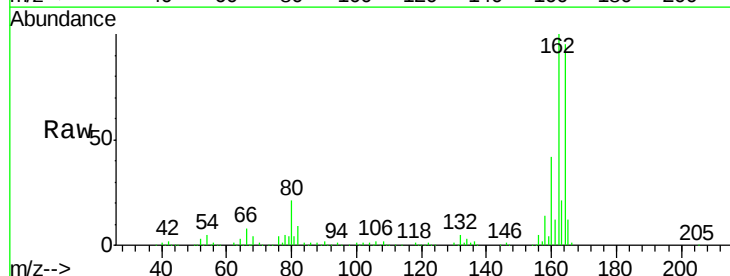
Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

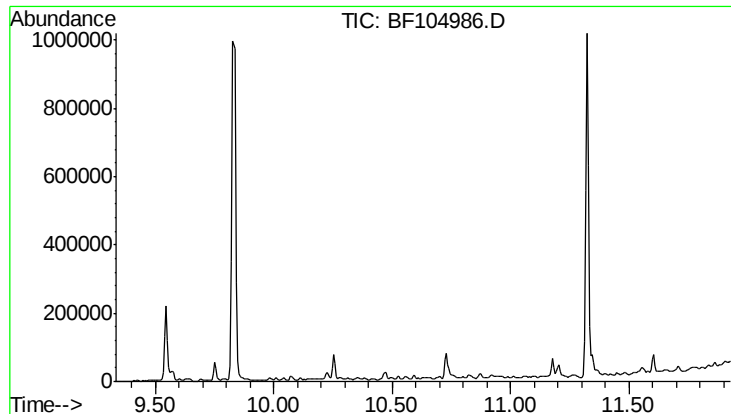
Tgt Ion: 82 Resp: 500418
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF104986.D
Acq: 1 May 2018 16:21

Tgt Ion: 164 Resp: 212984
Ion Ratio Lower Upper
164 100
162 105.4 86.1 129.1
160 44.5 38.3 57.5

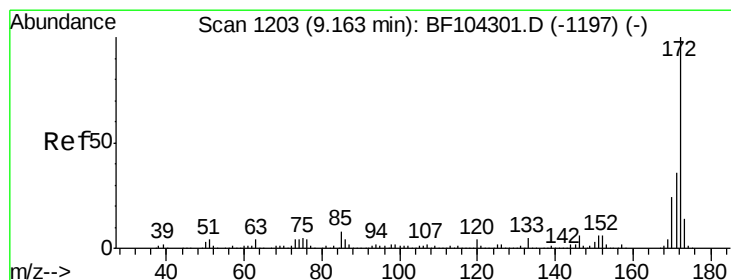
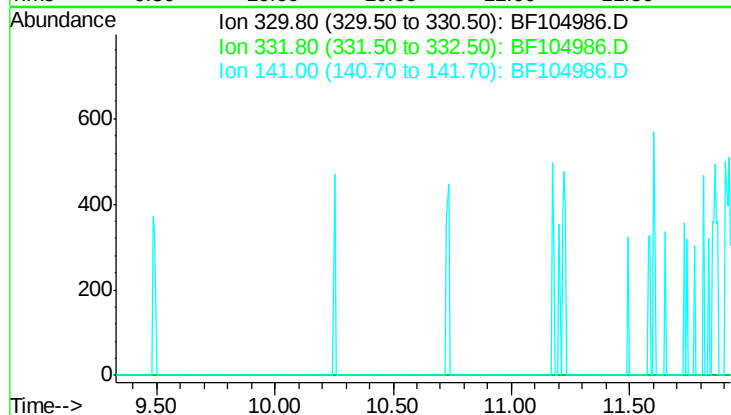




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.63 min
 Lab File: BF104986.D
 Acq: 1 May 2018 16:21

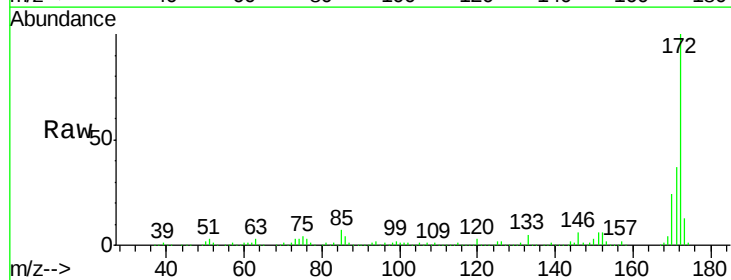
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-2

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 37.4

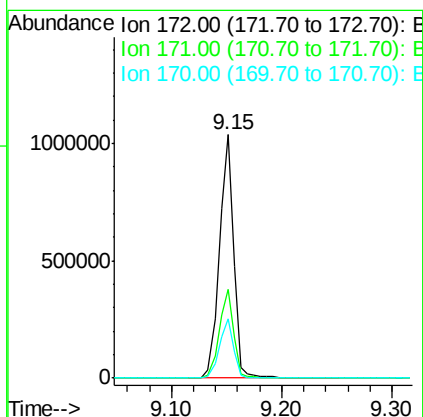
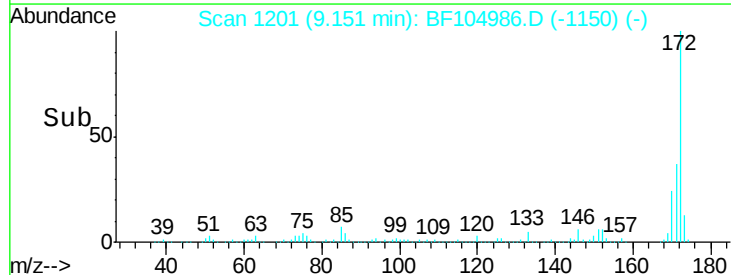


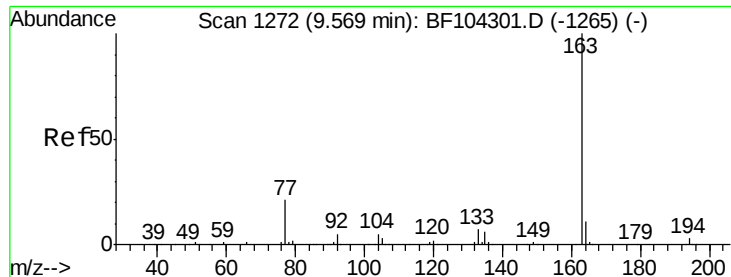
#44
 2-Fluorobiphenyl
 Concen: 69.392 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF104986.D
 Acq: 1 May 2018 16:21

Tgt Ion: 172 Resp: 935549
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.1 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

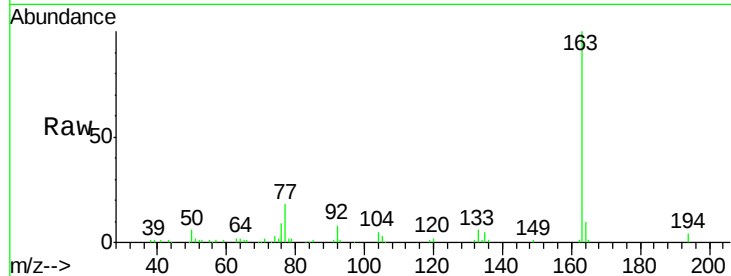




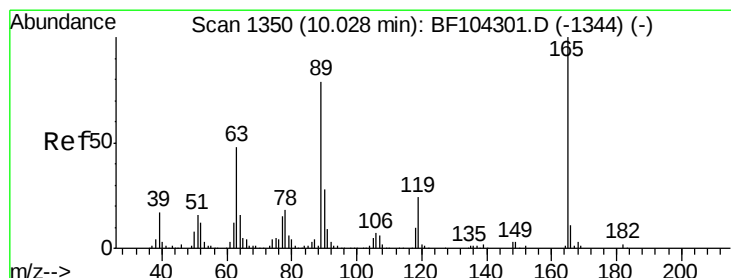
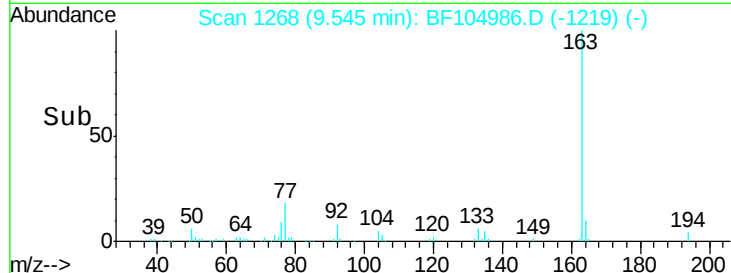
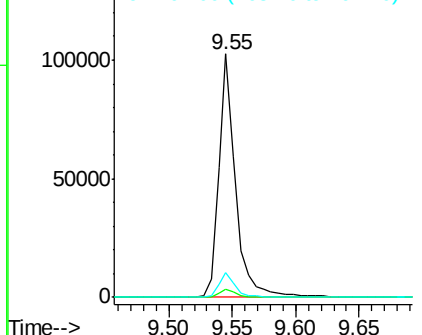
#49
Dimethylphthalate
Concen: 5.720 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF104986.D
Acq: 1 May 2018 16:21

Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

Tgt Ion:163 Resp: 96063
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.4 8.2 12.2

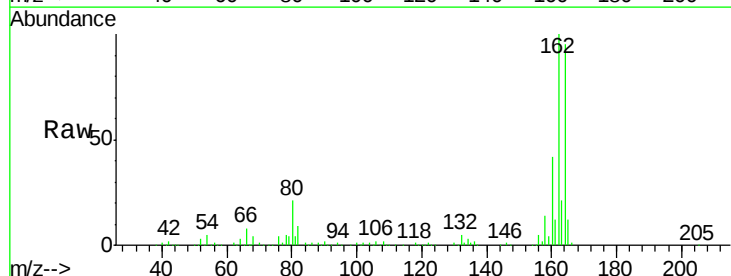


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

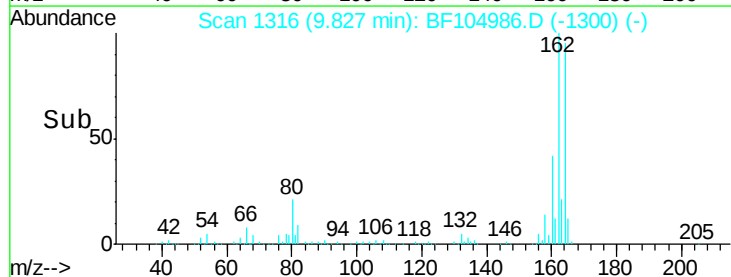
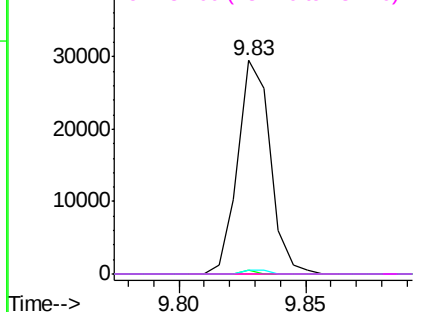


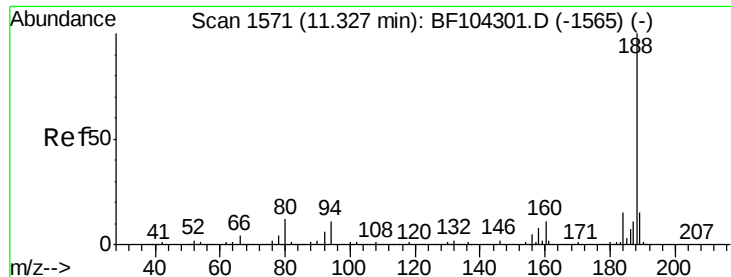
#56
2,4-Dinitrotoluene
Concen: 6.443 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF104986.D
Acq: 1 May 2018 16:21

Tgt Ion:165 Resp: 26267
Ion Ratio Lower Upper
165 100
63 1.7 36.4 54.6#
89 1.7 57.8 86.6#
182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

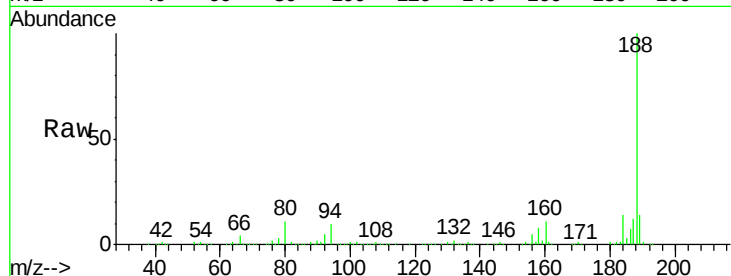




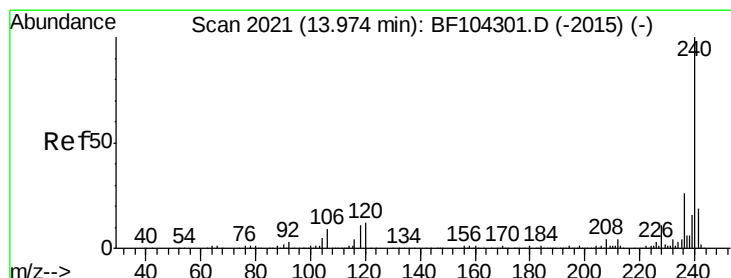
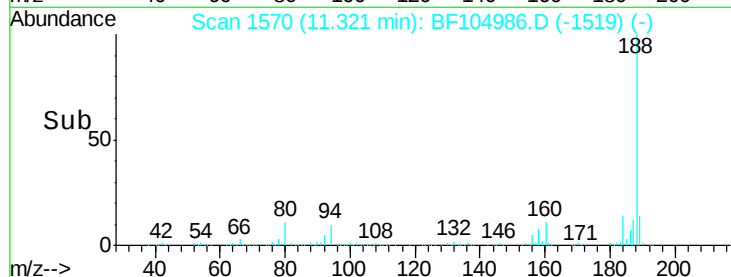
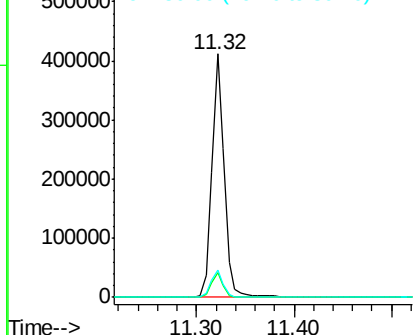
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF104986.D
Acq: 1 May 2018 16:21

Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

Tgt Ion:188 Resp: 358833
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 11.0 9.2 13.8

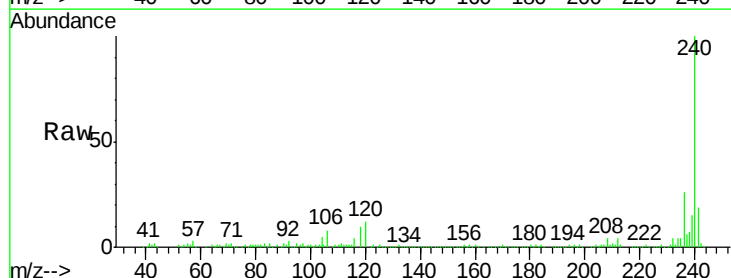


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

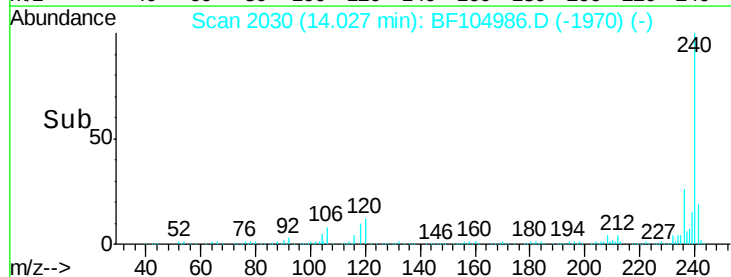
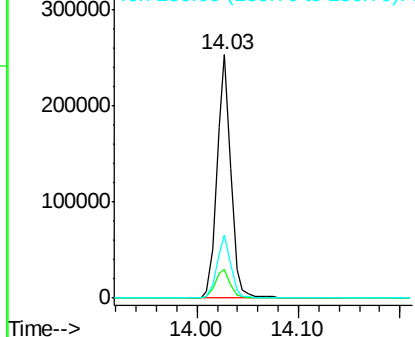


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.05 min
Lab File: BF104986.D
Acq: 1 May 2018 16:21

Tgt Ion:240 Resp: 239013
Ion Ratio Lower Upper
240 100
120 11.9 9.5 14.3
236 26.1 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

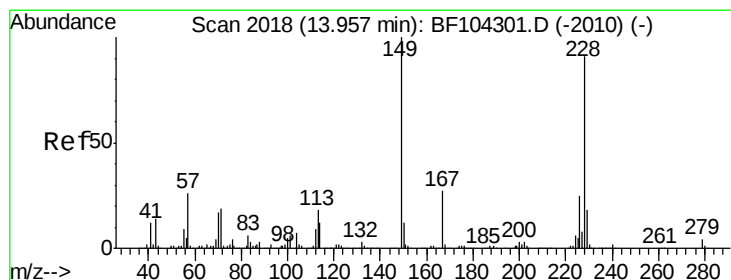
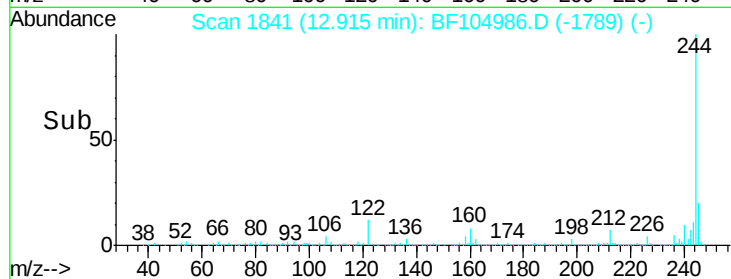
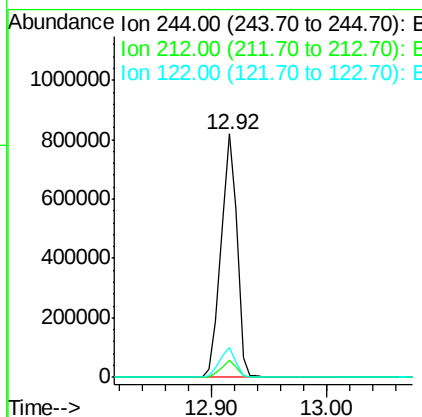
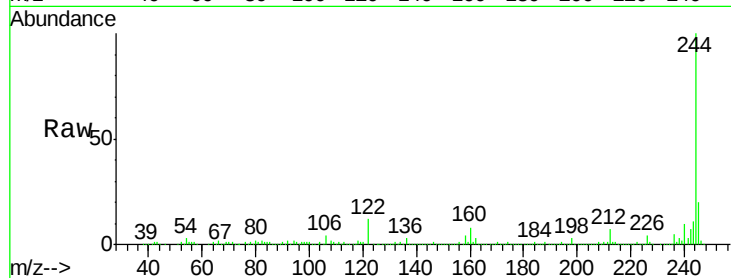




#78
 Terphenyl-d14
 Concen: 75.337 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF104986.D
 Acq: 1 May 2018 16:21

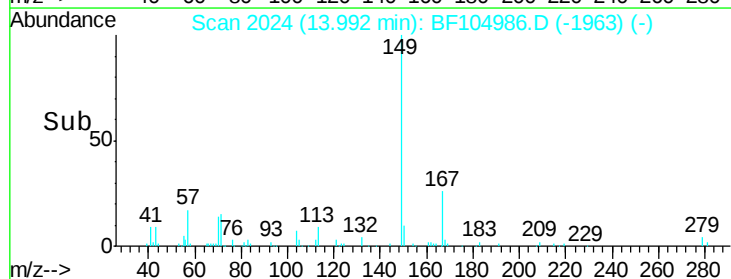
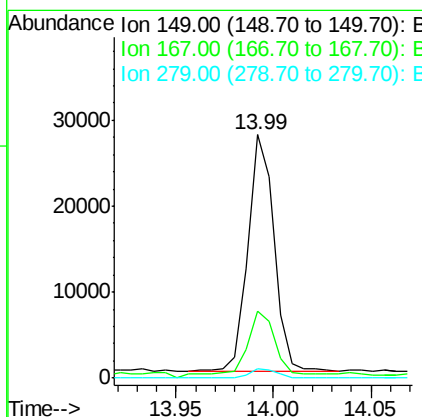
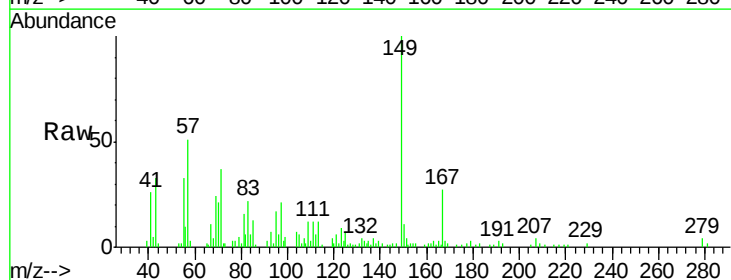
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-2

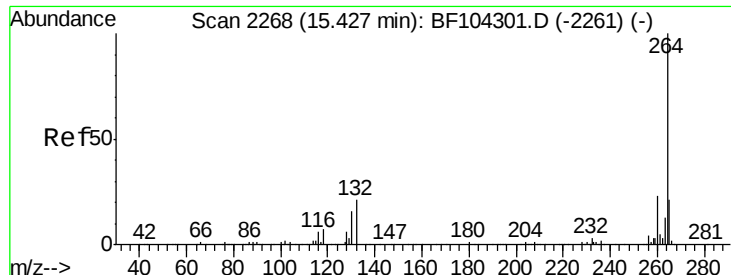
Tgt Ion: 244 Resp: 789817
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.3 11.0 16.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.365 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.06 min
 Lab File: BF104986.D
 Acq: 1 May 2018 16:21

Tgt Ion: 149 Resp: 25385
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.3 31.9
 279 3.7 3.0 4.4

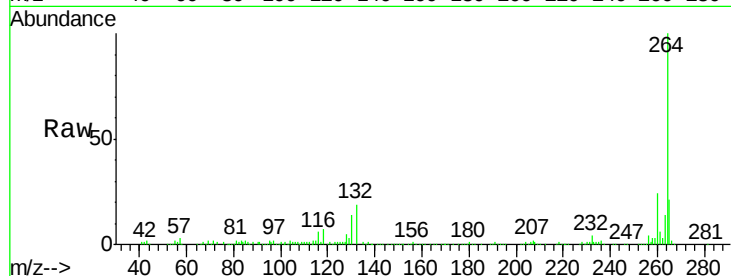




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.16 min
Lab File: BF104986.D
Acq: 1 May 2018 16:21

Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

Tgt Ion: 264 Resp: 221762
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 20.9 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

