

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF104987.D
 Acq On : 1 May 2018 16:48
 Operator : JU/SJ
 Sample : J2616-25
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-3

Quant Time: May 02 07:01:25 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

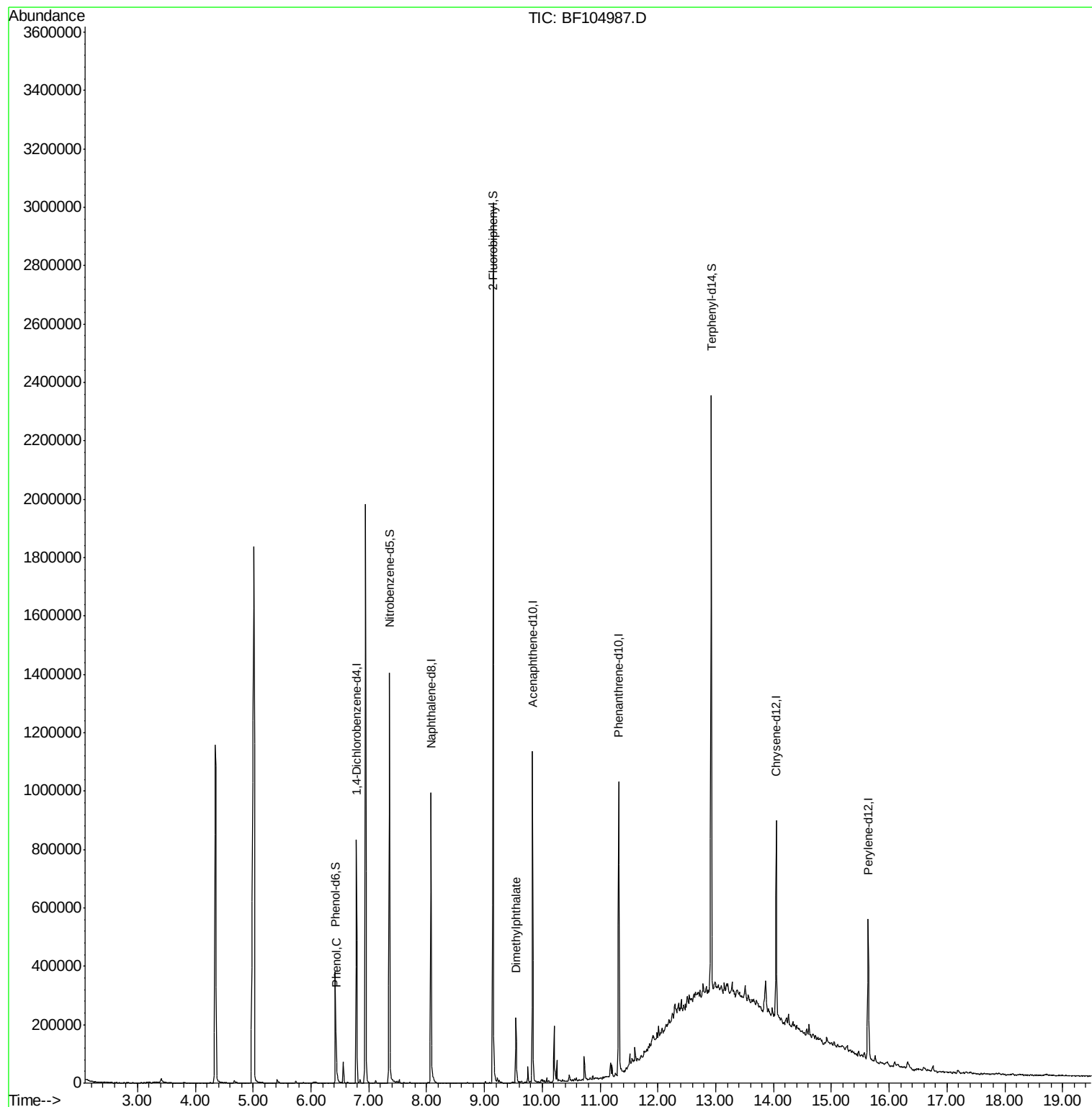
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	116469	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	489032	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	224970	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	371970	20.00	ng	0.00
75) Chrysene-d12	14.04	240	242228	20.00	ng	0.07
86) Perylene-d12	15.64	264	232708	20.00	ng	0.21
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	9241	1.21	ng	0.01
7) Phenol-d6	6.42	99	158808	16.97	ng	-0.01
23) Nitrobenzene-d5	7.36	82	472843	63.14	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.15	172	918511	64.50	ng	0.00
78) Terphenyl-d14	12.92	244	746844	70.29	ng	0.01
Target Compounds						
10) Phenol	6.44	94	23730	2.390	ng	92
49) Dimethylphthalate	9.55	163	101356	5.713	ng	99

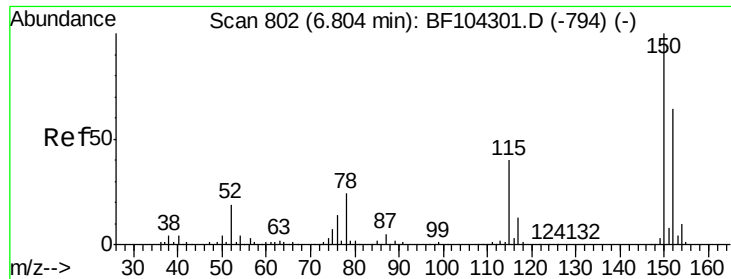
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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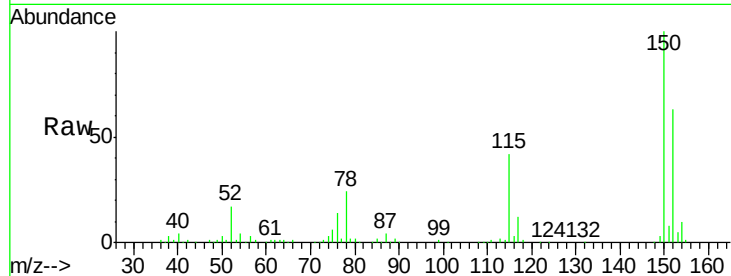


#1

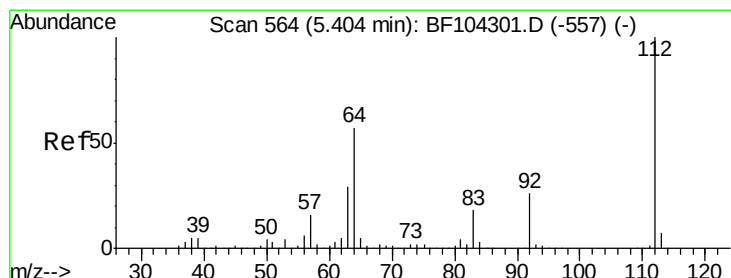
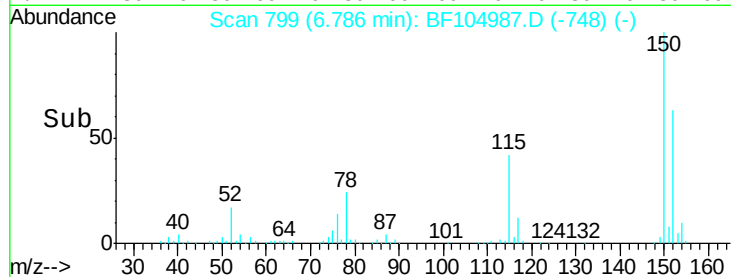
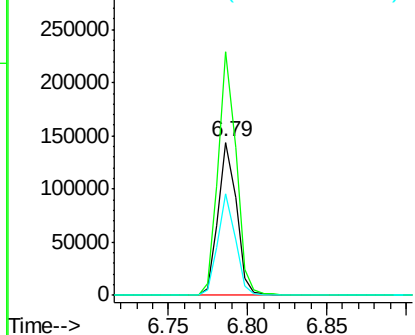
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF104987.D
Acq: 1 May 2018 16:48

Instrument :
BNA_F
ClientSampleId :
CONCRETE-3

Tgt Ion:152 Resp: 116469
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 66.1 50.1 75.1



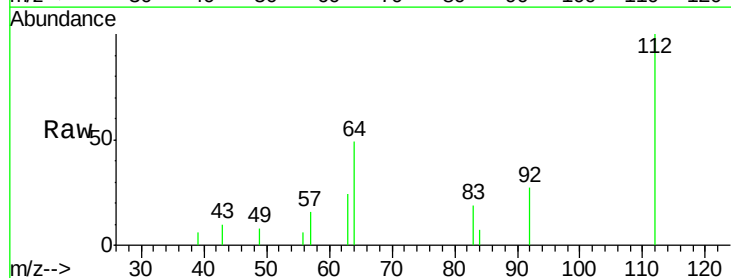
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



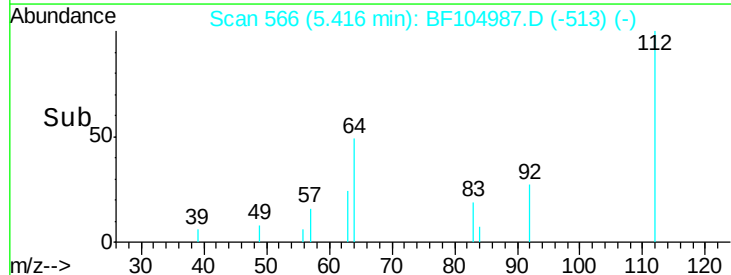
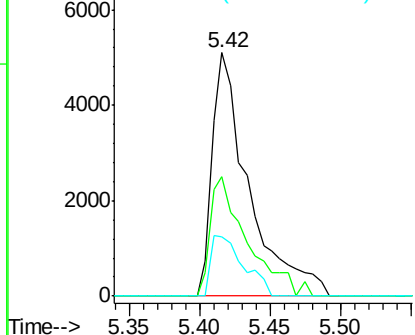
#5

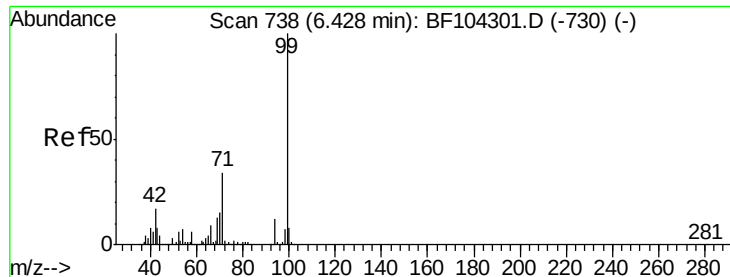
2-Fluorophenol
Concen: 1.213 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF104987.D
Acq: 1 May 2018 16:48

Tgt Ion:112 Resp: 9241
Ion Ratio Lower Upper
112 100
64 49.3 47.9 71.9
63 24.4 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: 16.969 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF104987.D

Acq: 1 May 2018 16:48

Instrument :

BNA_F

ClientSampleId :

CONCRETE-3

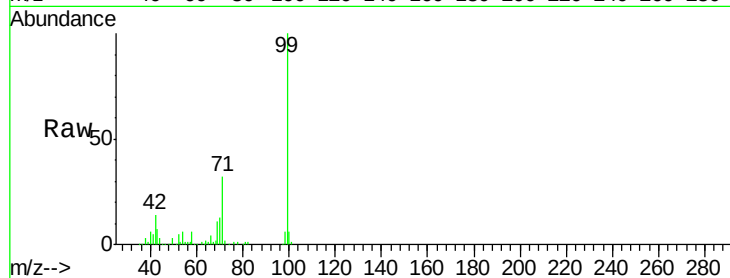
Tgt Ion: 99 Resp: 158808

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

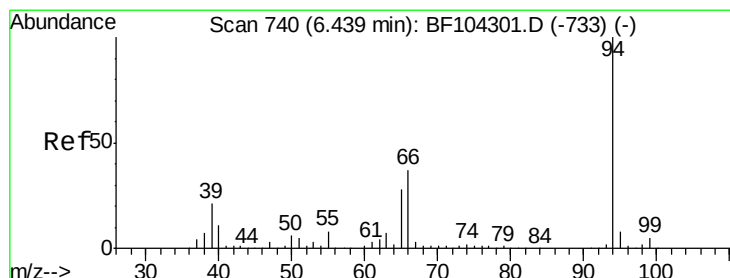
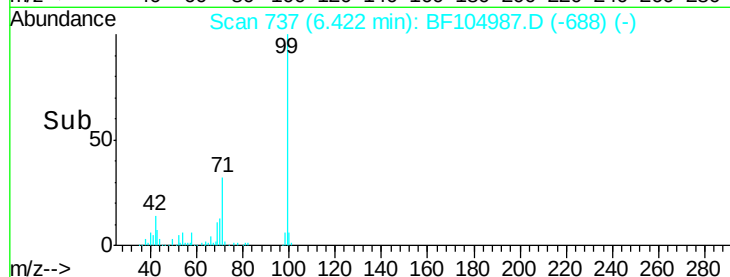
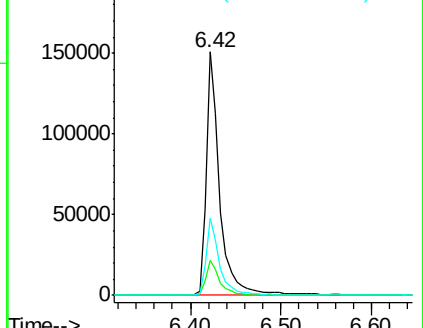
71 31.8 25.4 38.0



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



#10

Phenol

Concen: 2.390 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104987.D

Acq: 1 May 2018 16:48

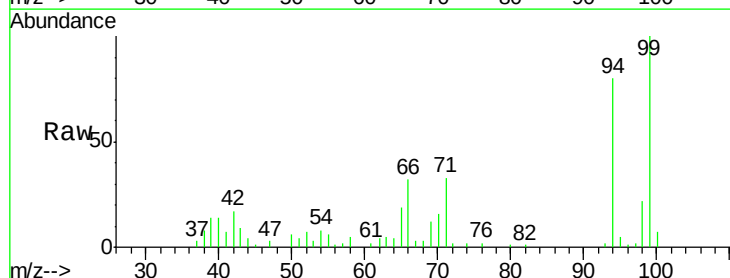
Tgt Ion: 94 Resp: 23730

Ion Ratio Lower Upper

94 100

65 24.0 7.9 47.9

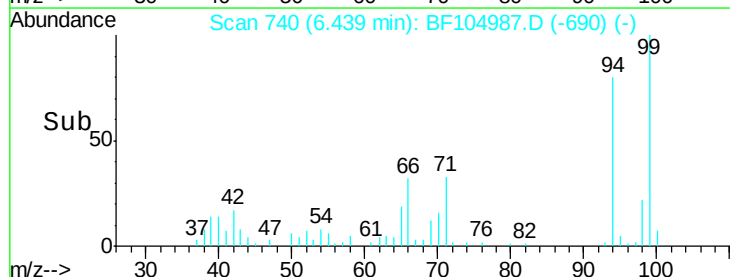
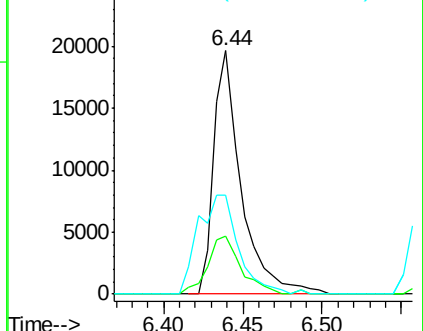
66 40.8 16.2 56.2

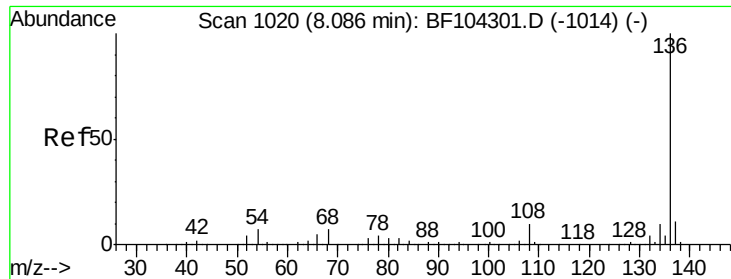


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

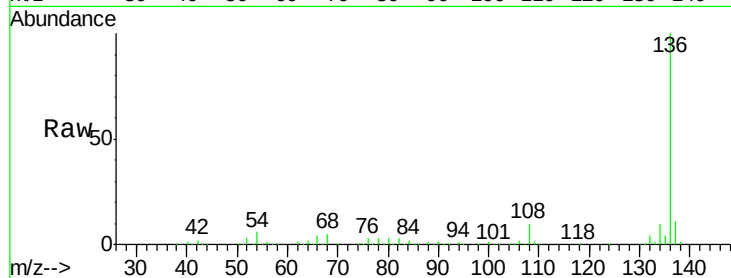




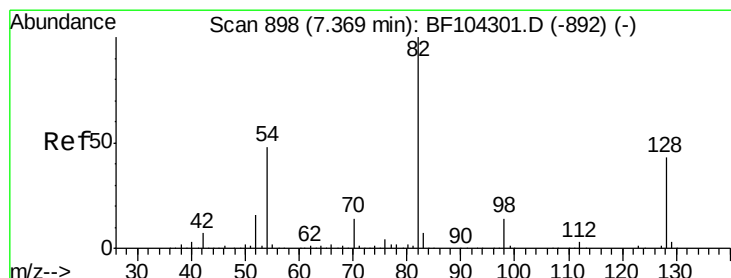
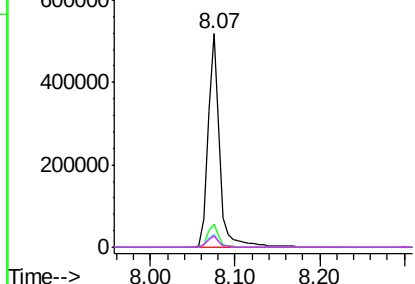
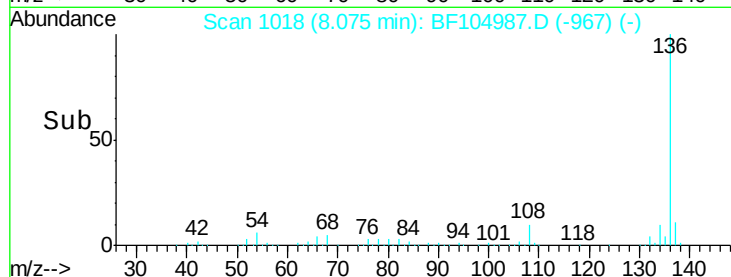
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF104987.D
Acq: 1 May 2018 16:48

Instrument :
BNA_F
ClientSampleId :
CONCRETE-3

Tgt Ion:	136	Resp:	489032
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	6.1	6.6	9.8#
68	5.3	5.0	7.4

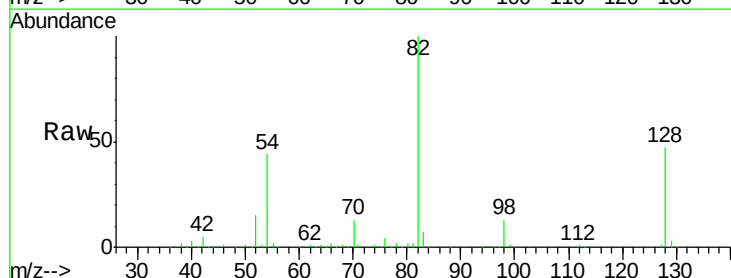


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

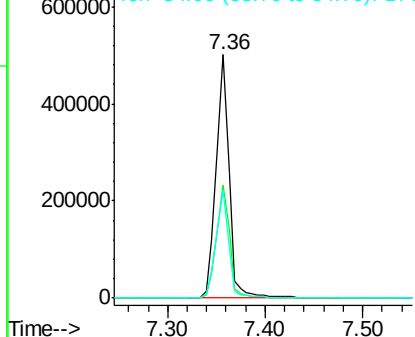
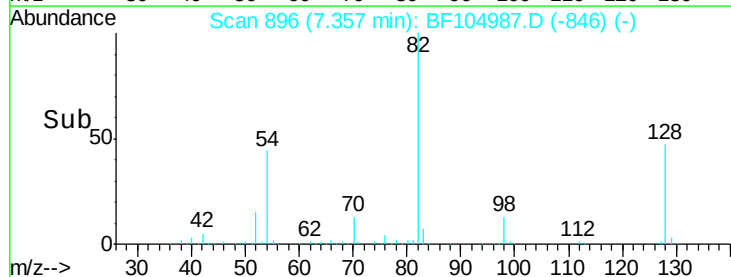


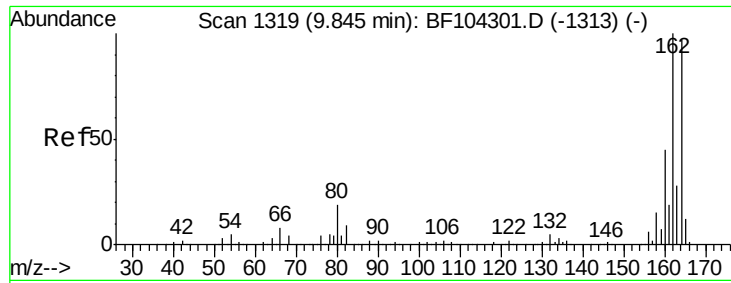
#23
Nitrobenzene-d5
Concen: 63.136 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF104987.D
Acq: 1 May 2018 16:48

Tgt Ion:	82	Resp:	472843
Ion Ratio	Lower	Upper	
82	100		
128	46.6	36.1	54.1
54	44.3	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF104987.D

Acq: 1 May 2018 16:48

Instrument :

BNA_F

ClientSampleId :

CONCRETE-3

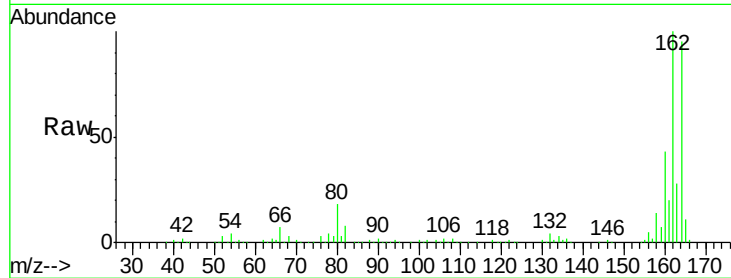
Tgt Ion:164 Resp: 224970

Ion Ratio Lower Upper

164 100

162 105.7 86.1 129.1

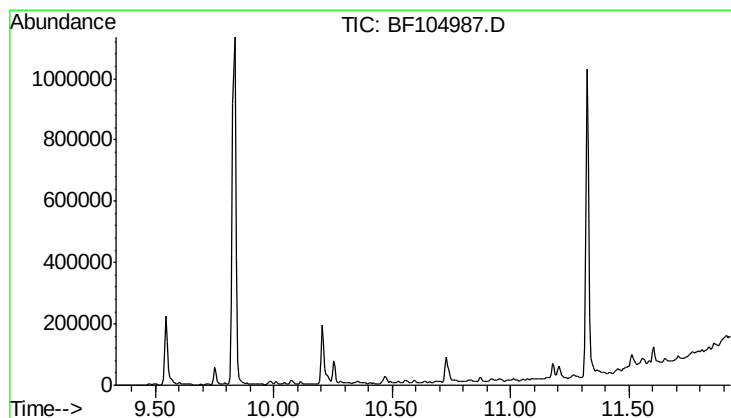
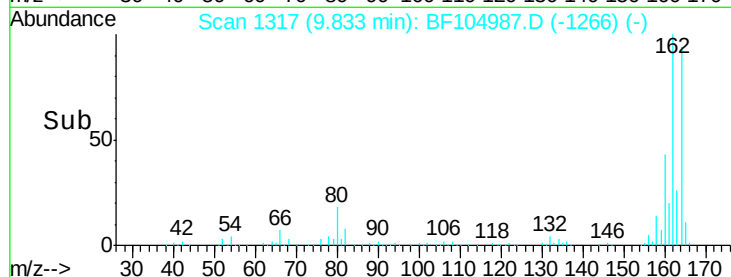
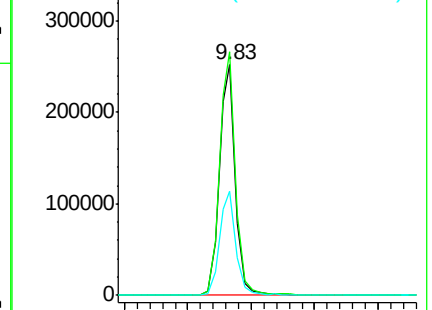
160 45.5 38.3 57.5



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: 0.000 ng

Expected RT: 10.63 min

Lab File: BF104987.D

Acq: 1 May 2018 16:48

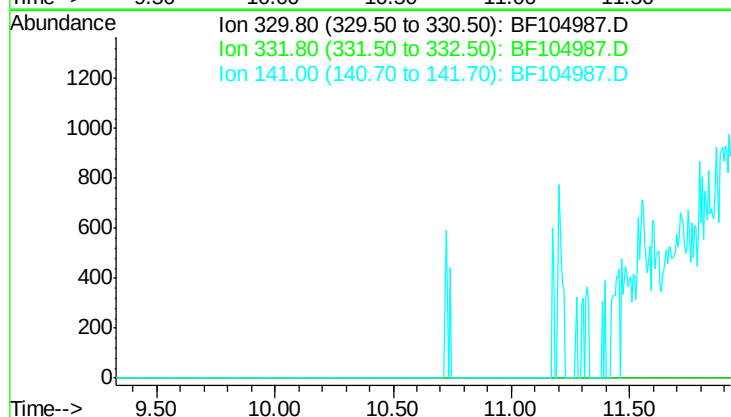
Tgt Ion: 330

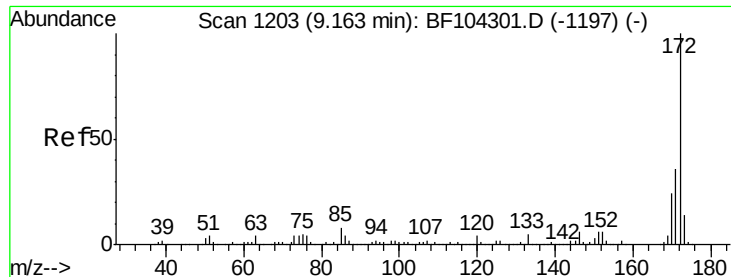
Sig Exp Ratio

330 100

332 96.3

141 37.4

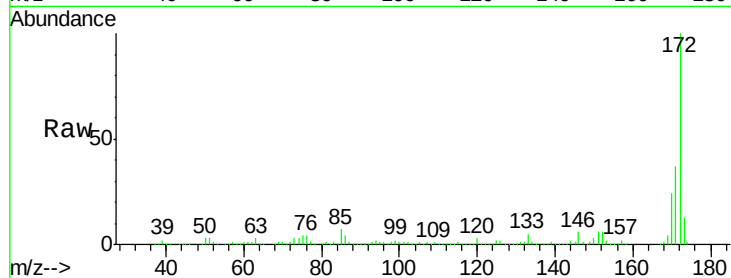




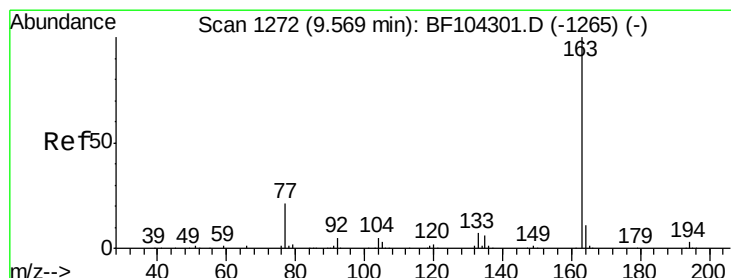
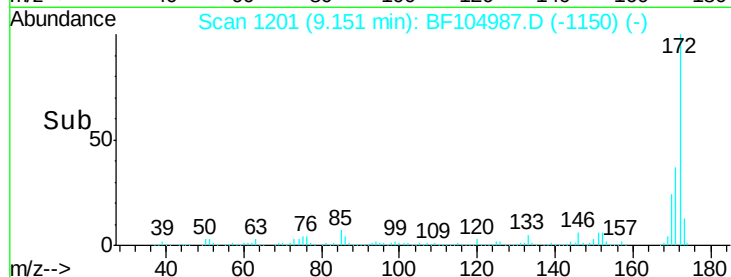
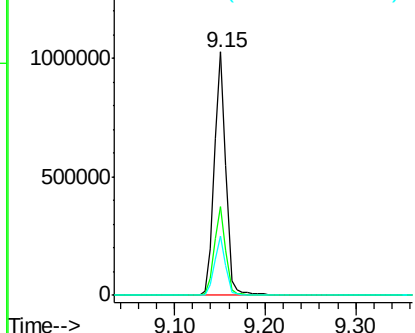
#44
 2-Fluorobiphenyl
 Concen: 64.498 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF104987.D
 Acq: 1 May 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-3

Tgt Ion:172 Resp: 918511
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.2 19.6 29.4

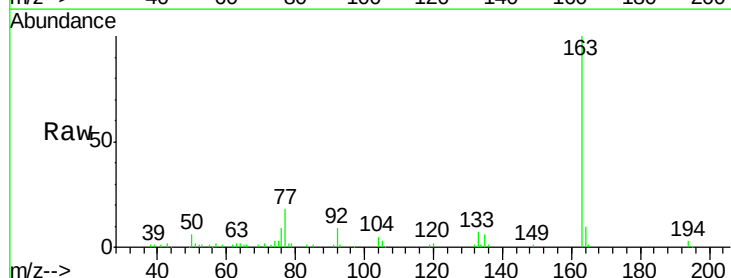


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

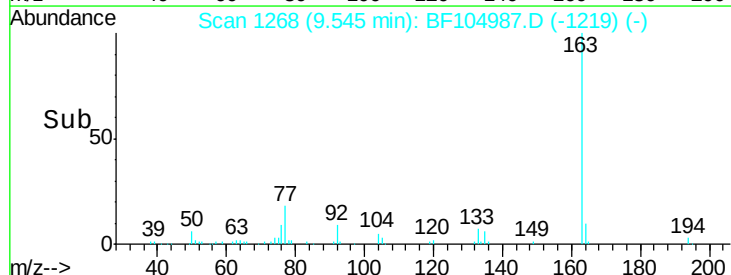
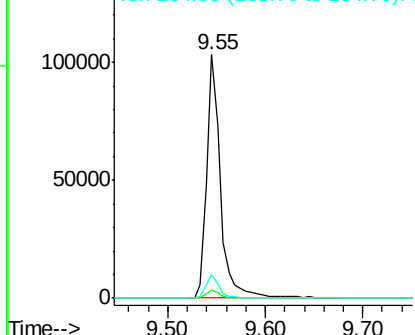


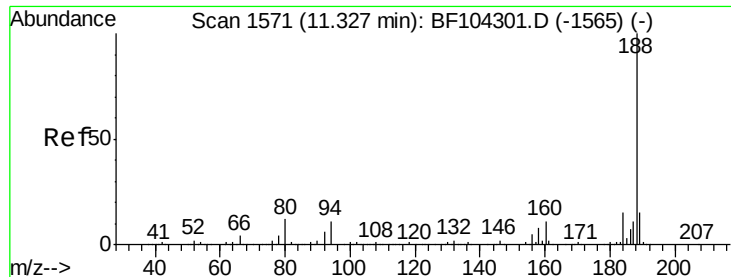
#49
 Dimethylphthalate
 Concen: 5.713 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF104987.D
 Acq: 1 May 2018 16:48

Tgt Ion:163 Resp: 101356
 Ion Ratio Lower Upper
 163 100
 194 3.4 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

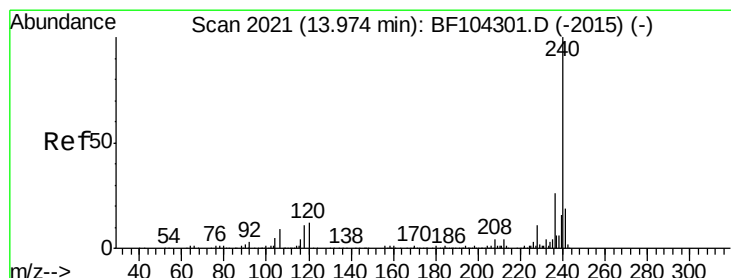
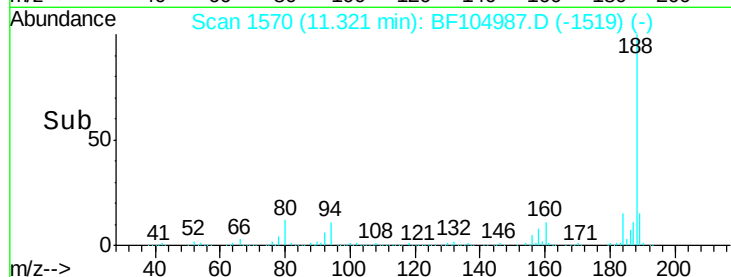
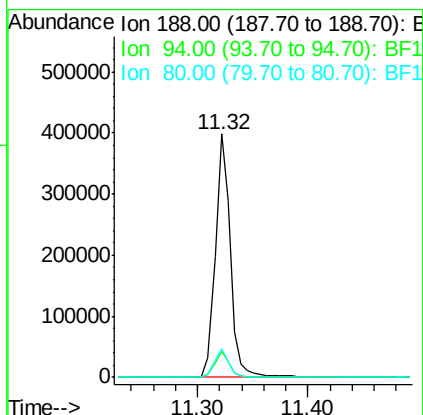
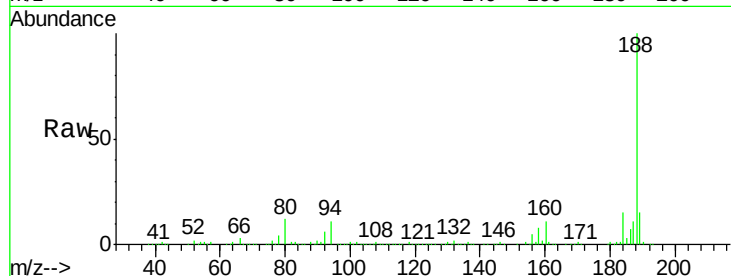




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF104987.D
Acq: 1 May 2018 16:48

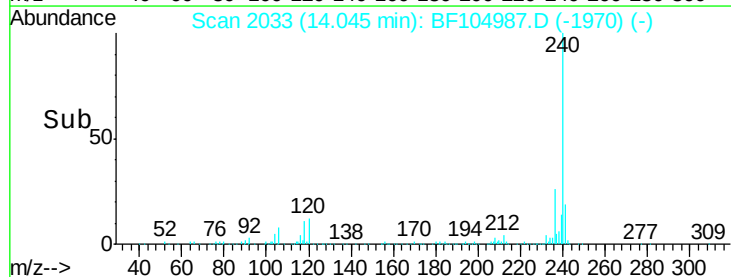
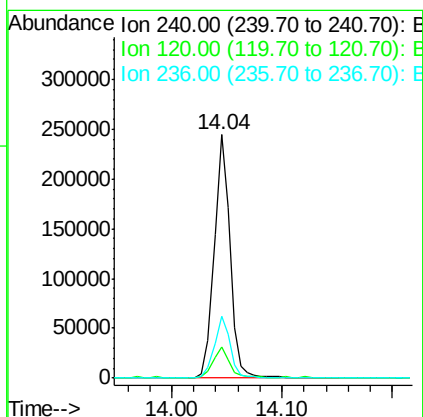
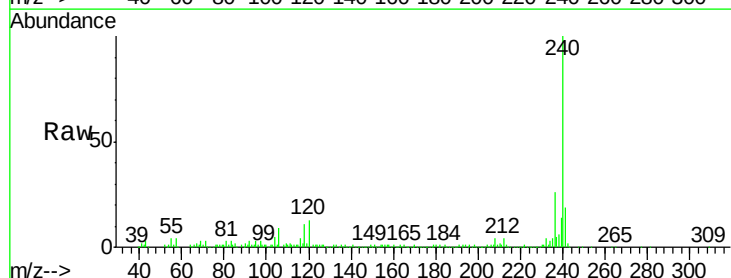
Instrument :
BNA_F
ClientSampleId :
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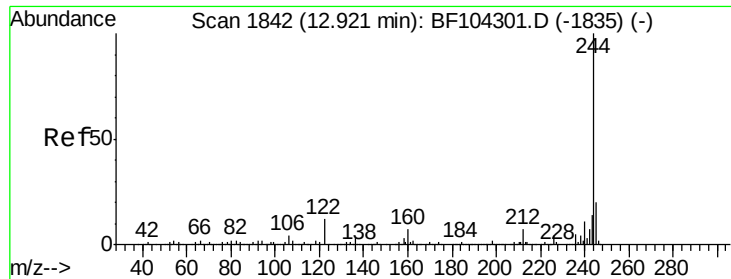
Tgt Ion:188 Resp: 371970
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.07 min
Lab File: BF104987.D
Acq: 1 May 2018 16:48

Tgt Ion:240 Resp: 242228
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 25.7 20.7 31.1

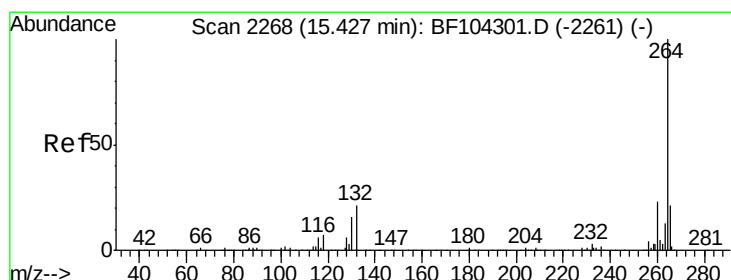
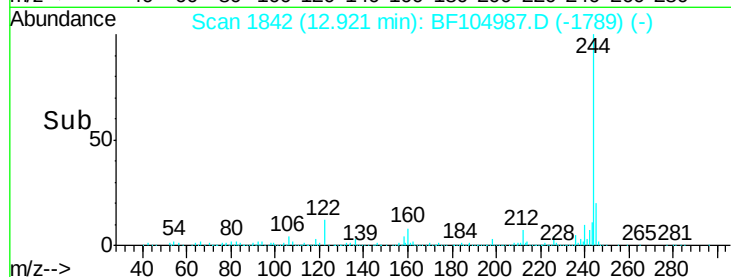
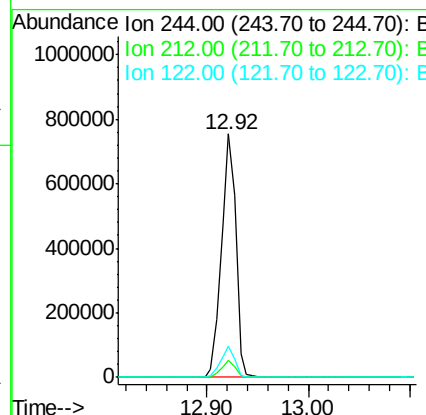
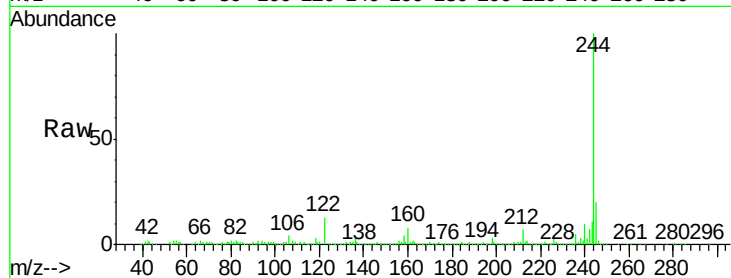




#78
 Terphenyl-d14
 Concen: 70.292 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF104987.D
 Acq: 1 May 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-3

Tgt Ion:244 Resp: 746844
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.64 min Scan# 2304
 Delta R.T. 0.21 min
 Lab File: BF104987.D
 Acq: 1 May 2018 16:48

Tgt Ion:264 Resp: 232708
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.2 17.5 26.3

