

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012518\
 Data File : BF102418.D
 Acq On : 25 Jan 2018 11:37
 Operator : SJ/JU
 Sample : J1258-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PIERS

Quant Time: Jan 25 13:54:19 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

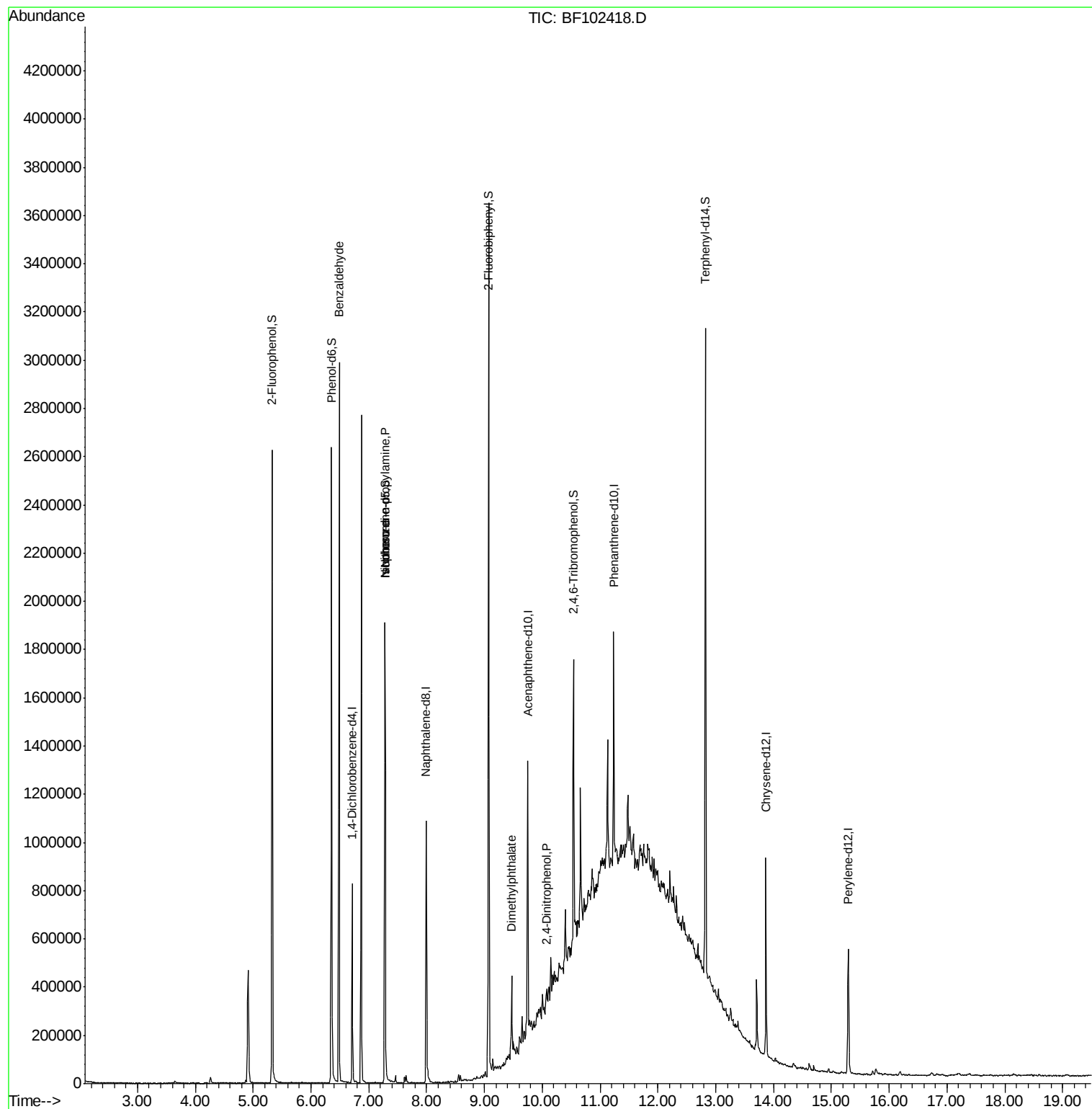
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	133592	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	550037	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	237964	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	372565	20.00	ng	0.00
75) Chrysene-d12	13.87	240	282818	20.00	ng	-0.01
86) Perylene-d12	15.29	264	234204	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	797828	90.55	ng	0.00
7) Phenol-d6	6.36	99	1054645	99.29	ng	-0.01
23) Nitrobenzene-d5	7.28	82	698564	72.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	143023	60.66	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1224907	75.69	ng	0.00
78) Terphenyl-d14	12.82	244	995422	79.35	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	17293	2.369	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.28	70	91697	14.106	ng	# 78
25) Isophorone	7.28	82	698557	40.939	ng	# 64
49) Dimethylphthalate	9.47	163	115255	5.860	ng	99
53) 2,4-Dinitrophenol	10.08	184	272	3.832	ng	# 38

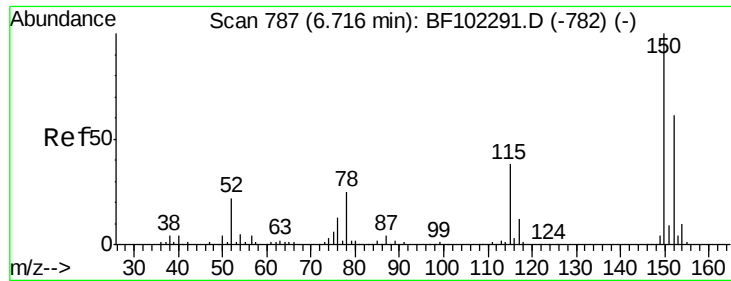
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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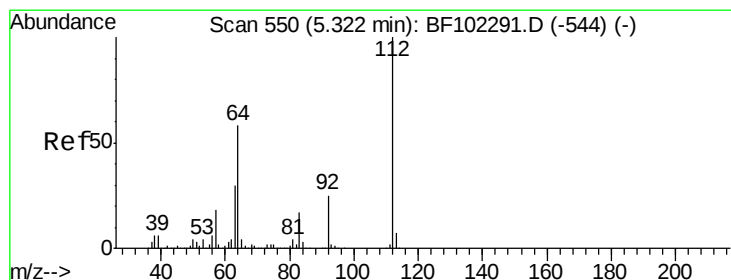
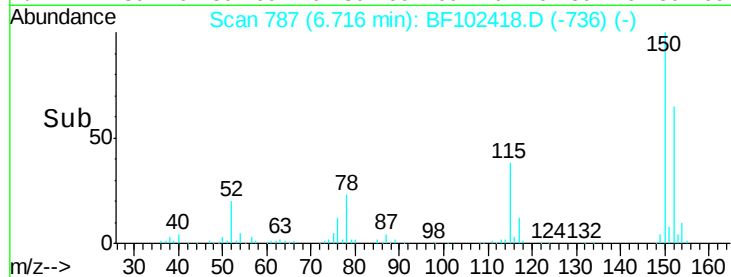
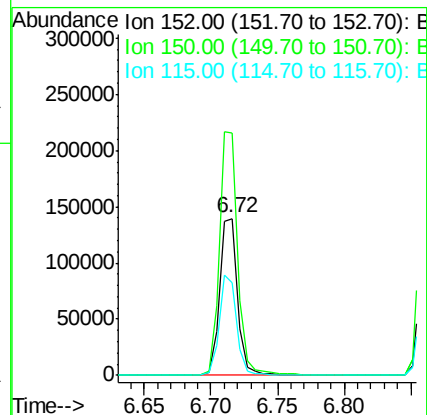
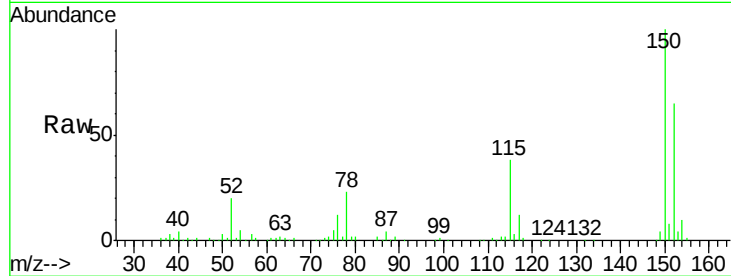


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102418.D
Acq: 25 Jan 2018 11:37

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PIERS

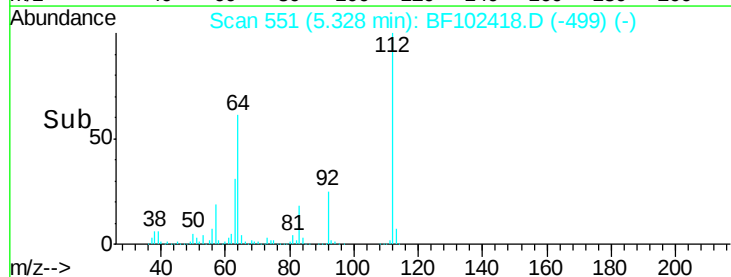
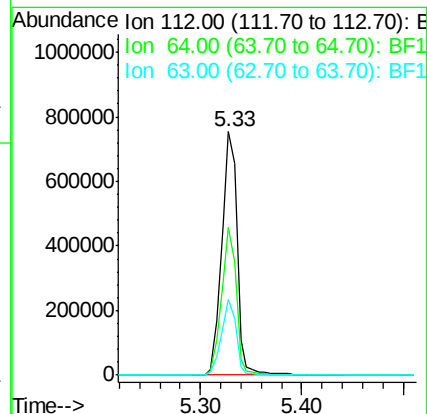
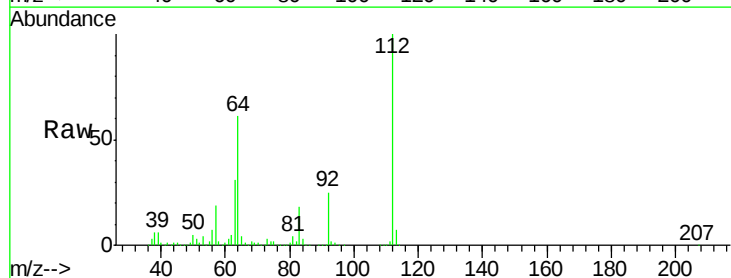
Tgt Ion:152 Resp: 133592
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 59.2 50.1 75.1

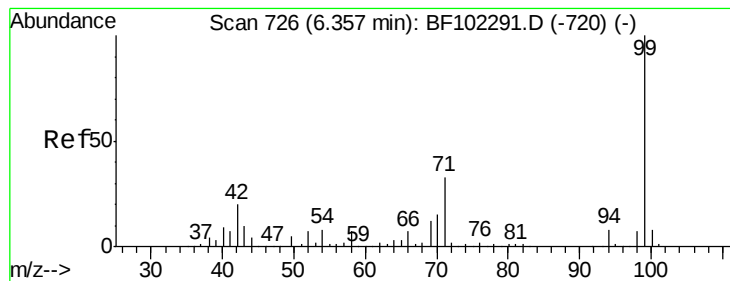


#5

2-Fluorophenol
Concen: 90.553 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102418.D
Acq: 25 Jan 2018 11:37

Tgt Ion:112 Resp: 797828
Ion Ratio Lower Upper
112 100
64 60.9 47.9 71.9
63 31.3 23.7 35.5





#7

Phenol-d6

Concen: 99.289 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102418.D

Acq: 25 Jan 2018 11:37

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PIERS

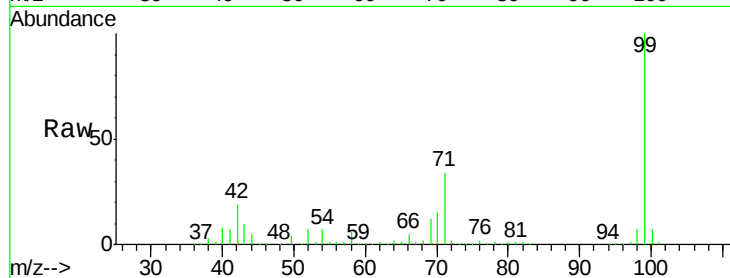
Tgt Ion: 99 Resp: 1054645

Ion Ratio Lower Upper

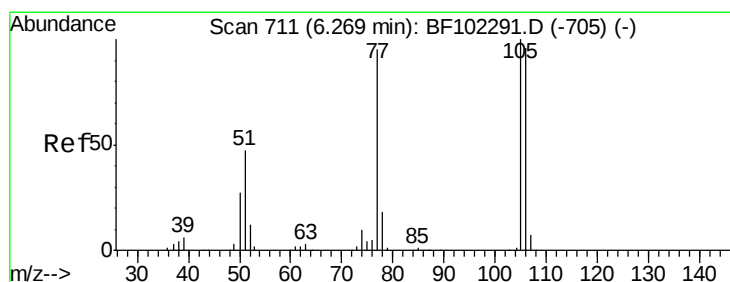
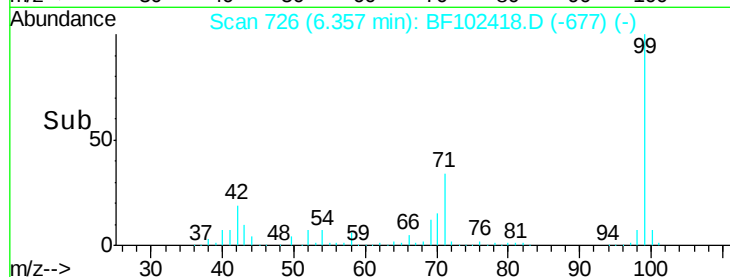
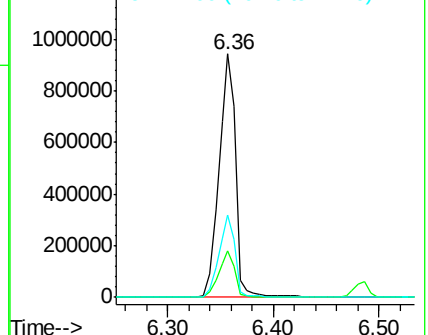
99 100

42 19.3 14.5 21.7

71 33.6 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: 2.369 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102418.D

Acq: 25 Jan 2018 11:37

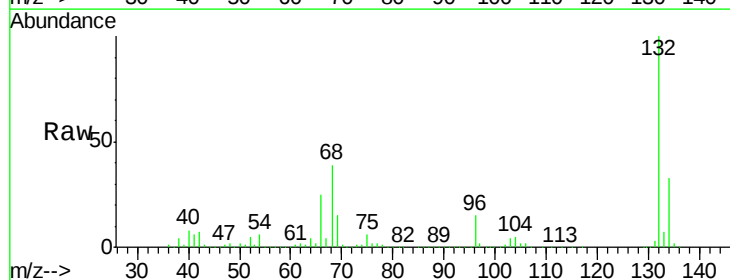
Tgt Ion: 77 Resp: 17293

Ion Ratio Lower Upper

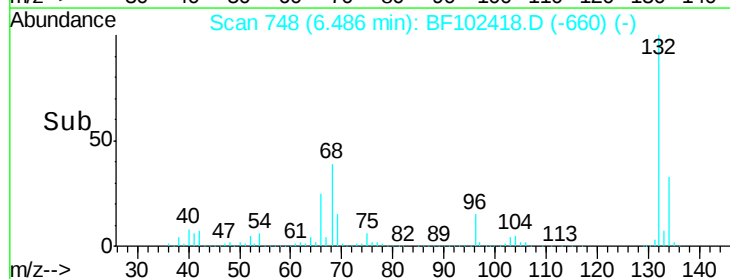
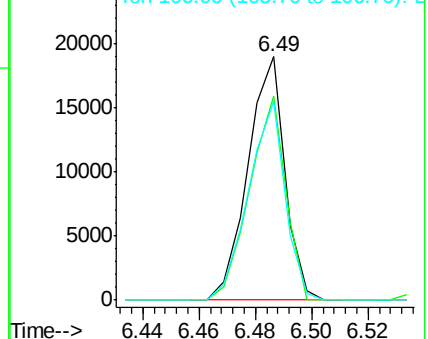
77 100

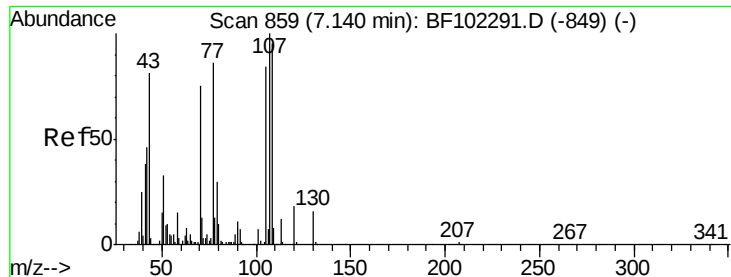
105 84.0 81.1 121.1

106 81.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

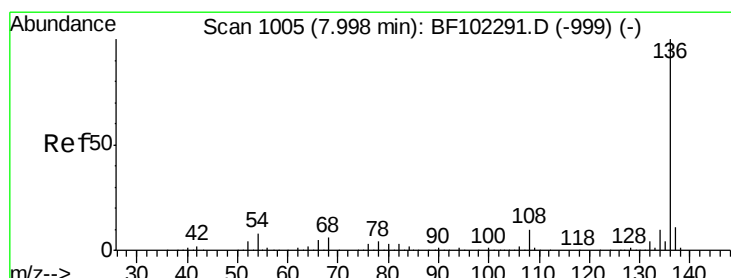
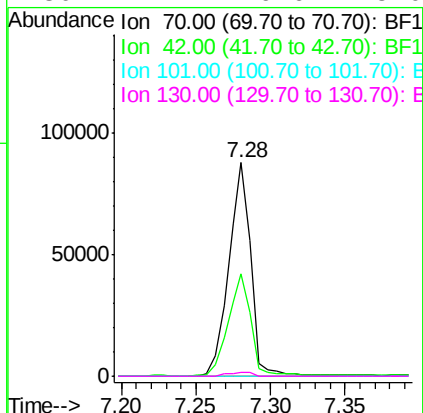
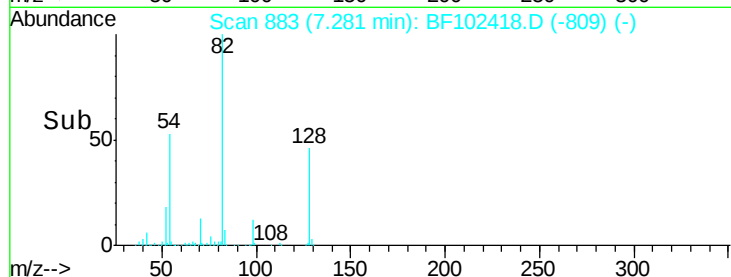
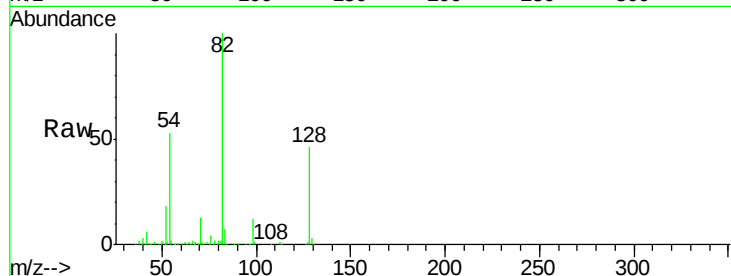




#19
n-Nitroso-di-n-propylamine
Concen: 14.106 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF102418.D
Acq: 25 Jan 2018 11:37

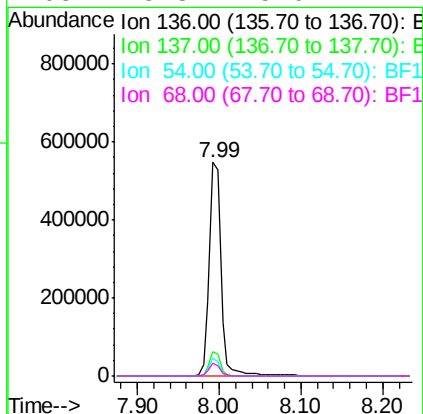
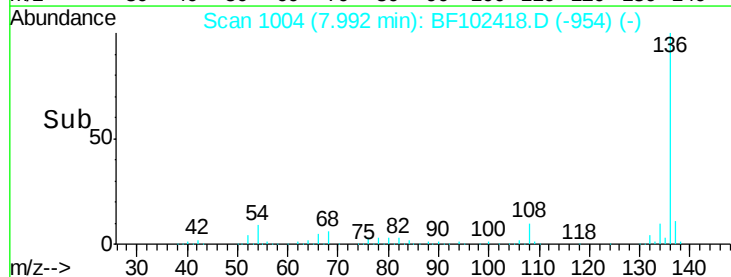
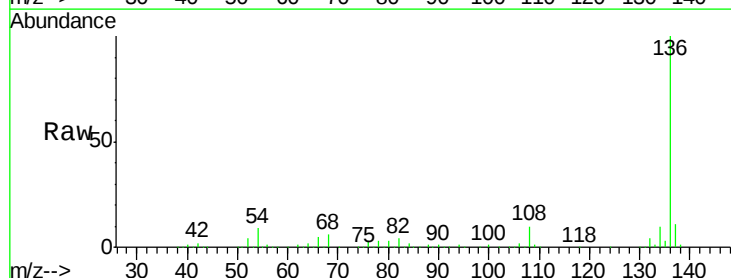
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PIERS

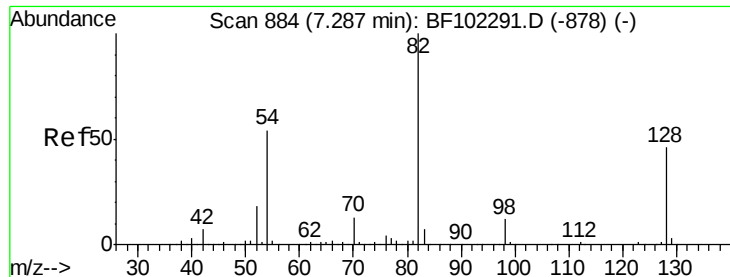
Tgt Ion: 70 Resp: 91697
Ion Ratio Lower Upper
70 100
42 48.2 47.5 71.3
101 0.0 7.4 11.2#
130 1.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102418.D
Acq: 25 Jan 2018 11:37

Tgt Ion: 136 Resp: 550037
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.6 6.6 9.8
68 5.8 5.0 7.4

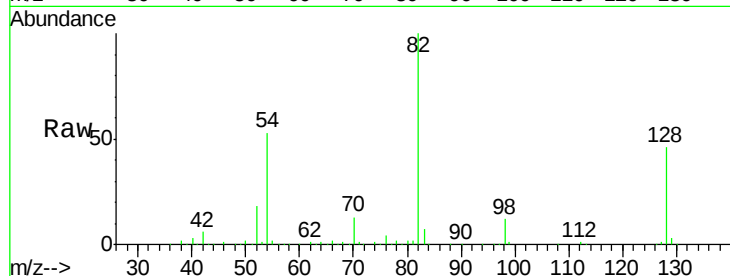




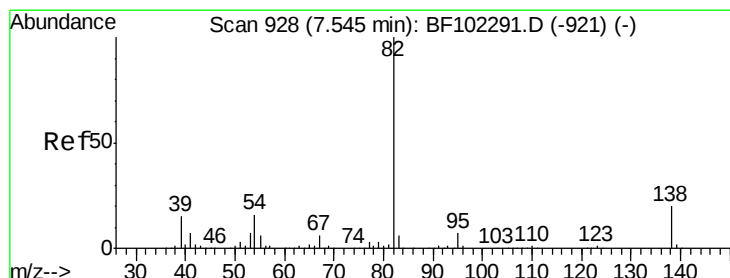
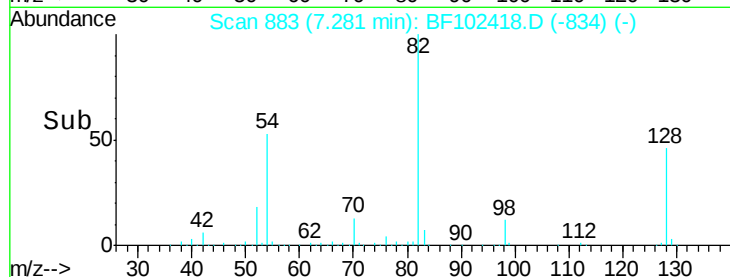
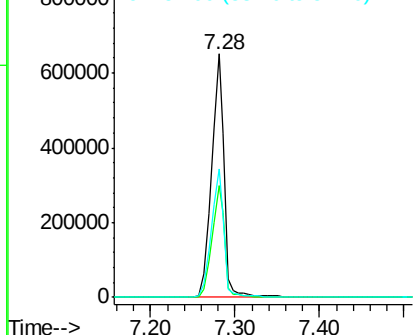
#23
Nitrobenzene-d5
Concen: 72.985 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102418.D
Acq: 25 Jan 2018 11:37

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PIERS

Tgt Ion: 82 Resp: 698564
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 52.9 41.4 62.2

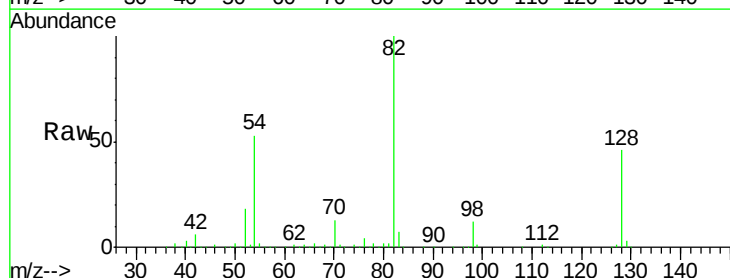


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

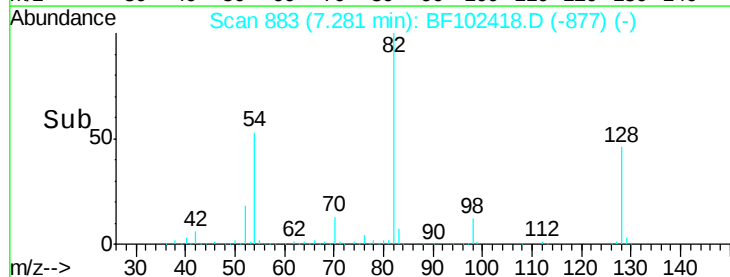
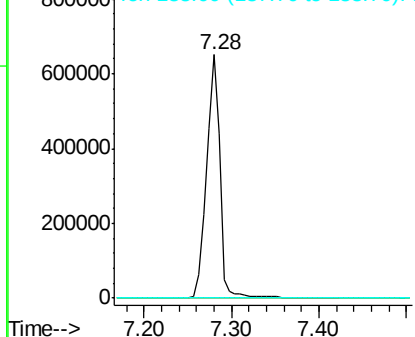


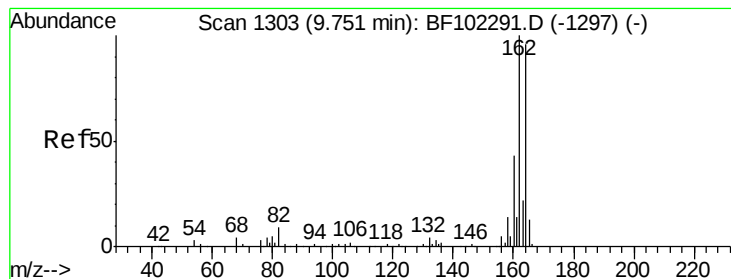
#25
Isophorone
Concen: 40.939 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF102418.D
Acq: 25 Jan 2018 11:37

Tgt Ion: 82 Resp: 698557
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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102418.D

Acq: 25 Jan 2018 11:37

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PIERS

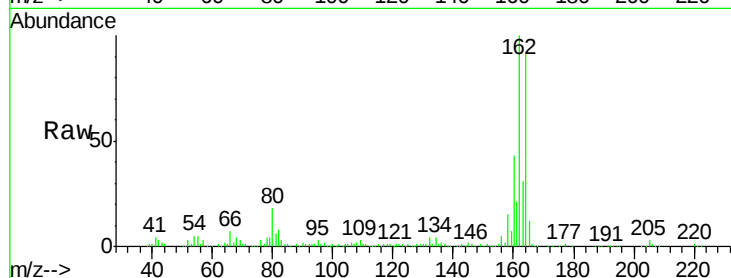
Tgt Ion:164 Resp: 237964

Ion Ratio Lower Upper

164 100

162 108.5 86.1 129.1

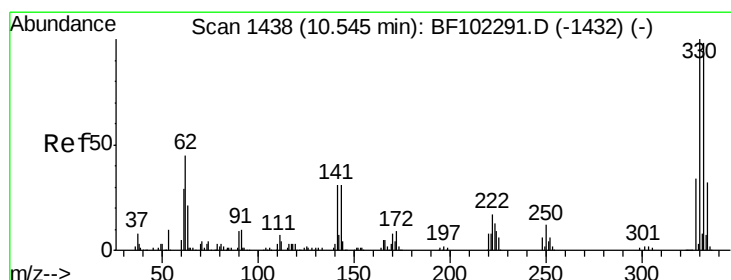
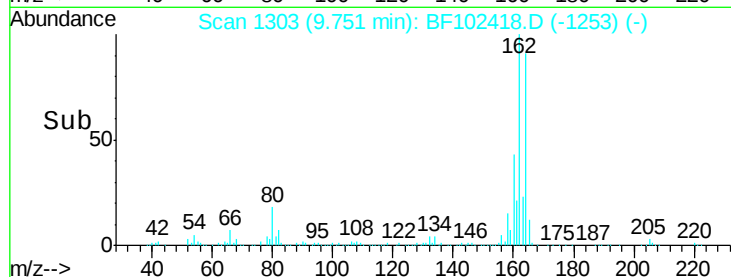
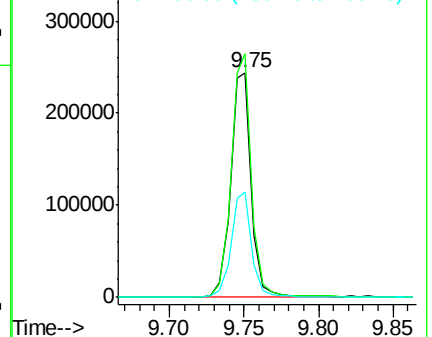
160 46.7 38.3 57.5



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: 60.657 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102418.D

Acq: 25 Jan 2018 11:37

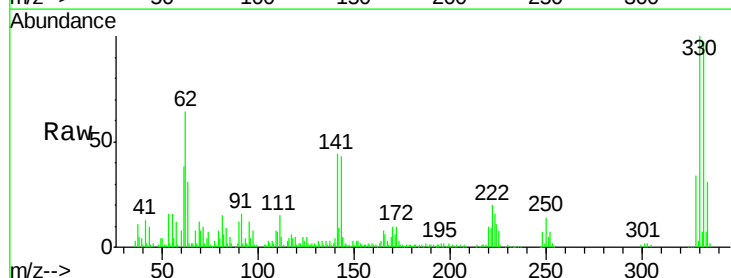
Tgt Ion:330 Resp: 143023

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

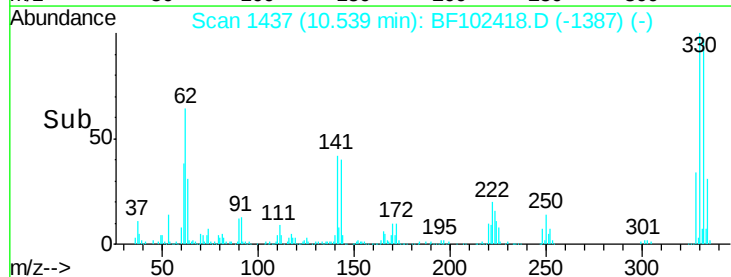
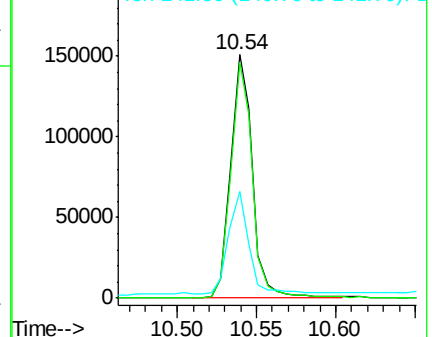
141 39.9 29.9 44.9

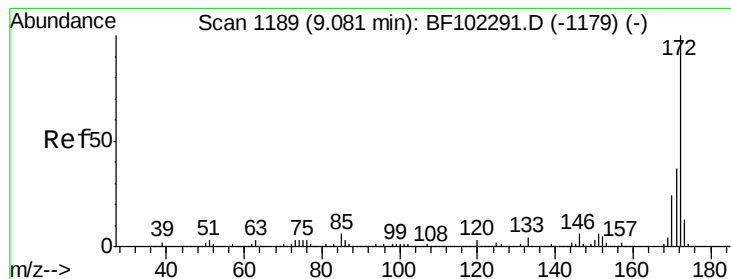


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 75.686 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF102418.D

Acq: 25 Jan 2018 11:37

Instrument :

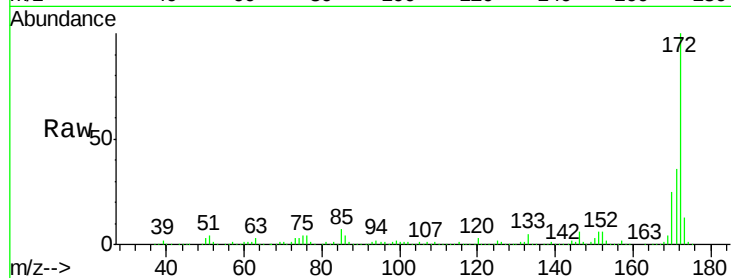
BNA_F

ClientSampleId :

CONCRETE-PIERS

Tgt Ion:172 Resp: 1224907

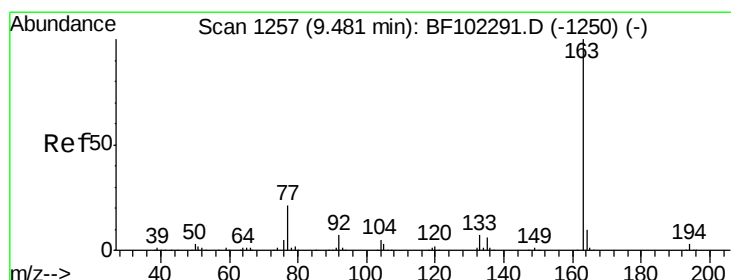
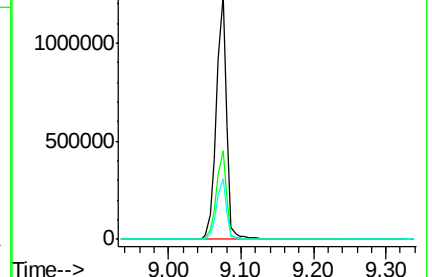
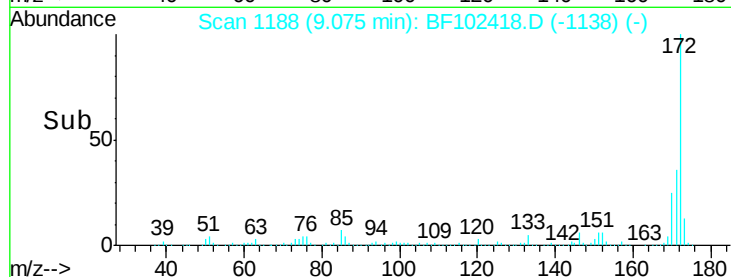
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.8	19.6	29.4



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: 5.860 ng

RT: 9.47 min Scan# 1255

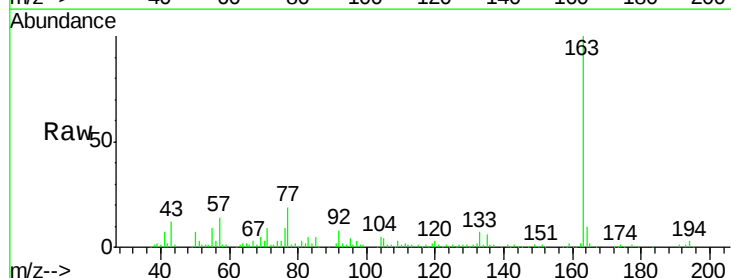
Delta R.T. -0.02 min

Lab File: BF102418.D

Acq: 25 Jan 2018 11:37

Tgt Ion:163 Resp: 115255

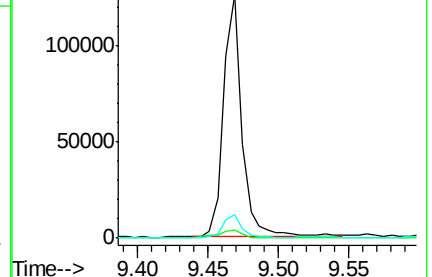
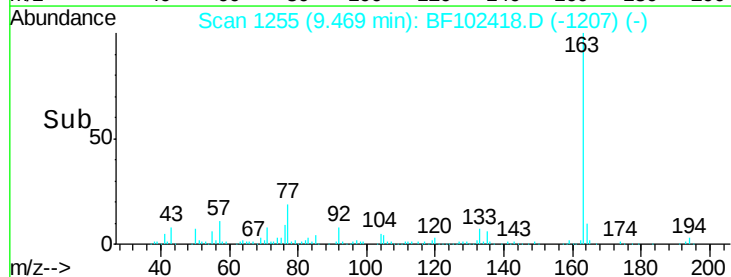
Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.9	8.2	12.2

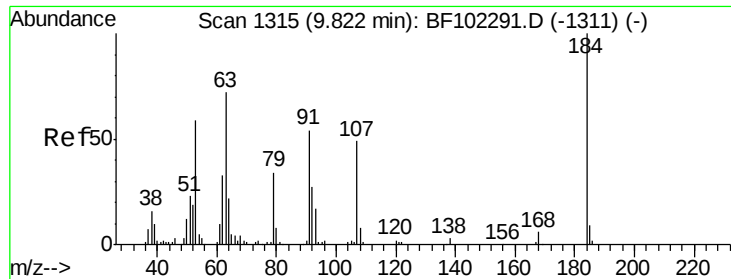


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#53

2,4-Dinitrophenol

Concen: 3.832 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.25 min

Lab File: BF102418.D

Acq: 25 Jan 2018 11:37

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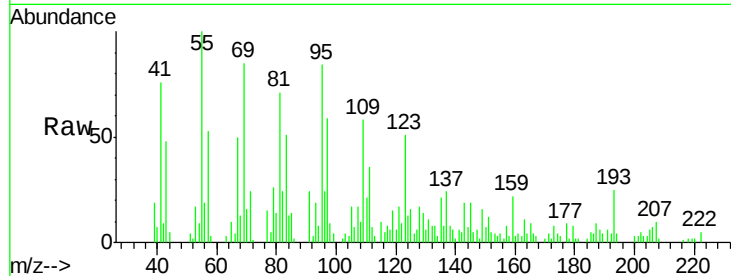
Tgt Ion:184 Resp: 272

Ion Ratio Lower Upper

184 100

63 131.6 54.2 81.2#

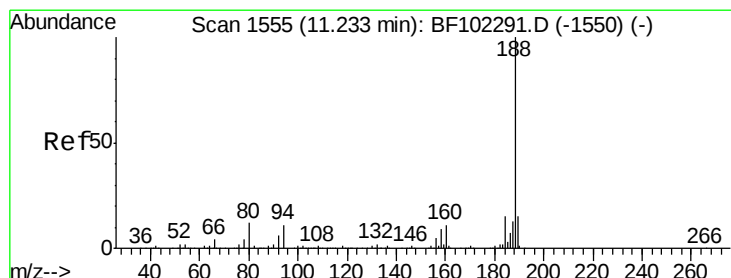
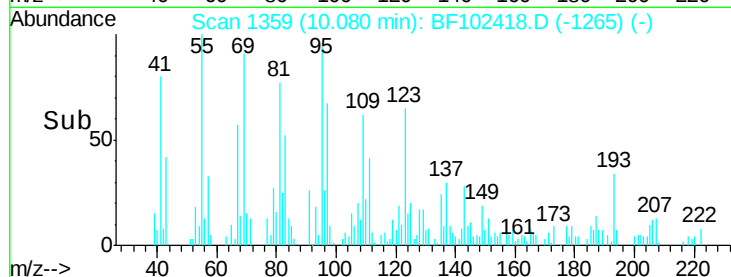
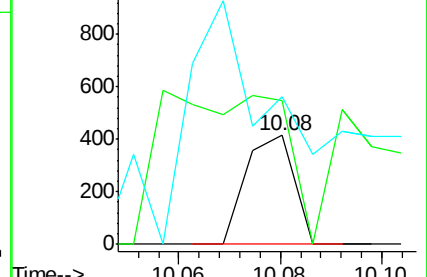
154 135.3 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102418.D

Acq: 25 Jan 2018 11:37

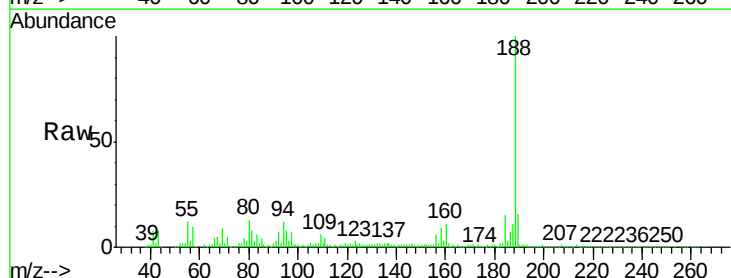
Tgt Ion:188 Resp: 372565

Ion Ratio Lower Upper

188 100

94 11.7 8.5 12.7

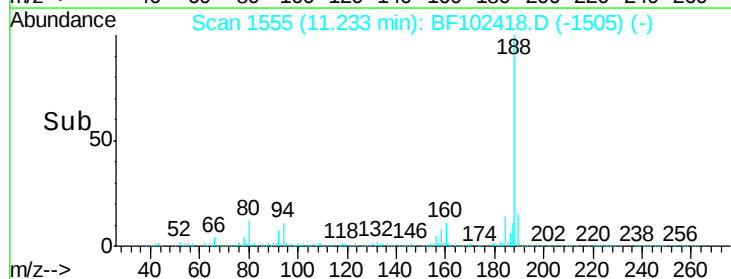
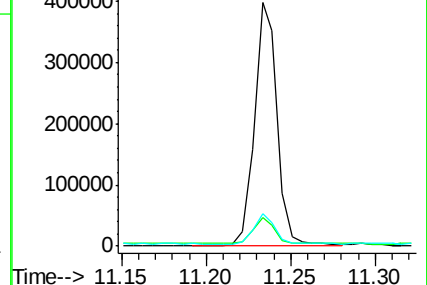
80 13.3 9.2 13.8

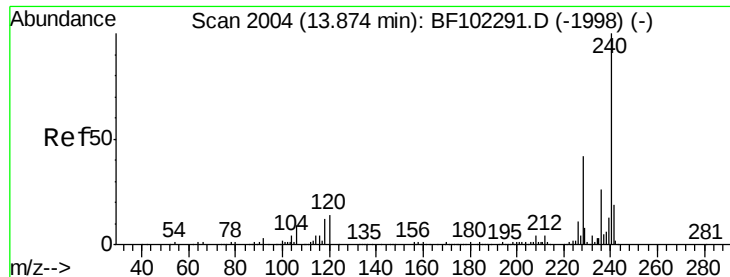


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102418.D

Acq: 25 Jan 2018 11:37

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PIERS

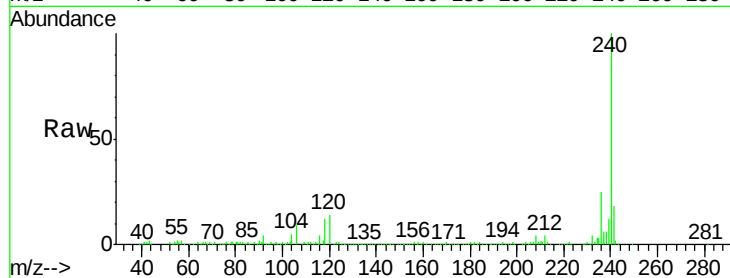
Tgt Ion:240 Resp: 282818

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

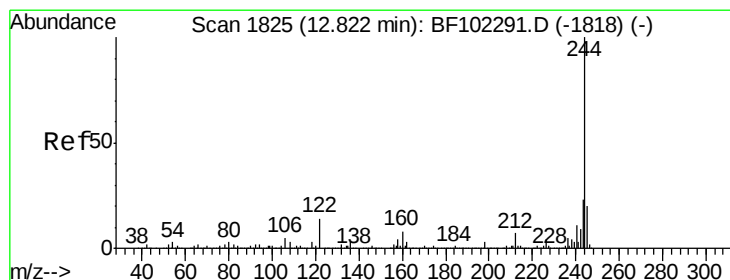
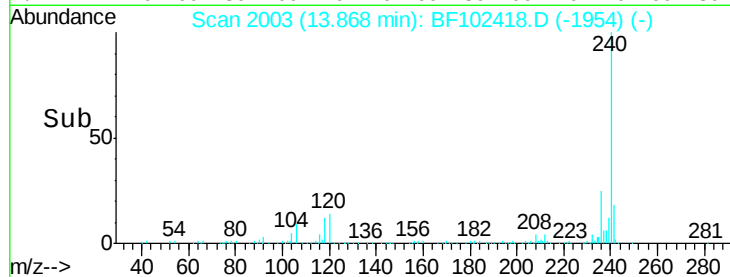
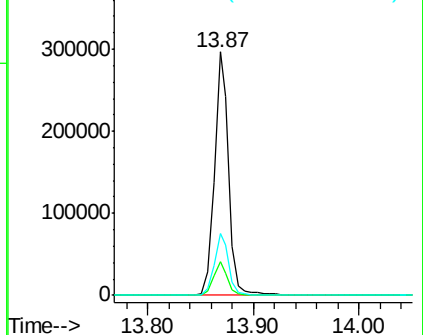
236 25.2 20.7 31.1



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: 79.346 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102418.D

Acq: 25 Jan 2018 11:37

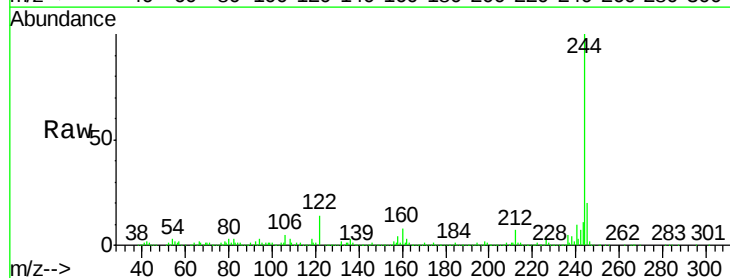
Tgt Ion:244 Resp: 995422

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

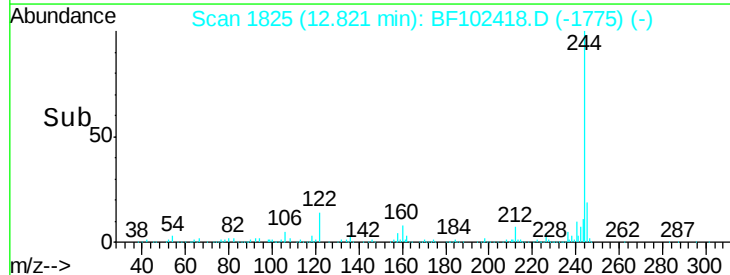
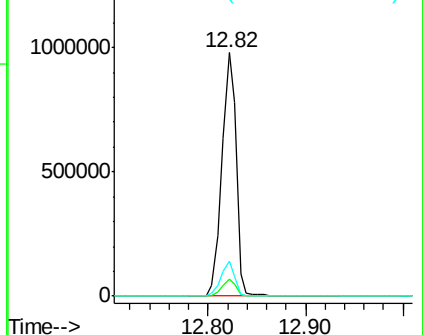
122 14.3 11.0 16.4

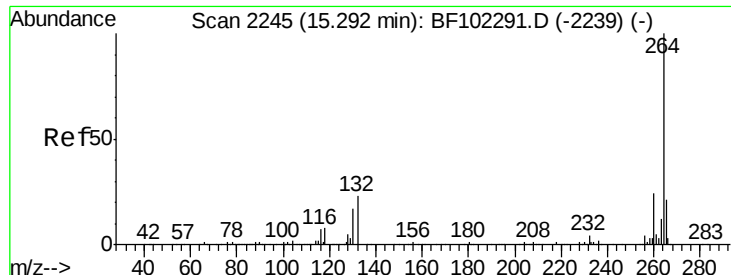


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

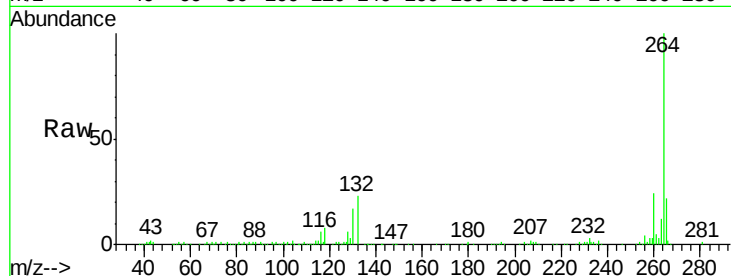




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BF102418.D
Acq: 25 Jan 2018 11:37

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PIERS

Tgt Ion: 264 Resp: 234204
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 22.0 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

