

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102840.D
 Acq On : 8 Feb 2018 3:04
 Operator : SJ/JU
 Sample : J1466-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK

Quant Time: Feb 08 06:59:43 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

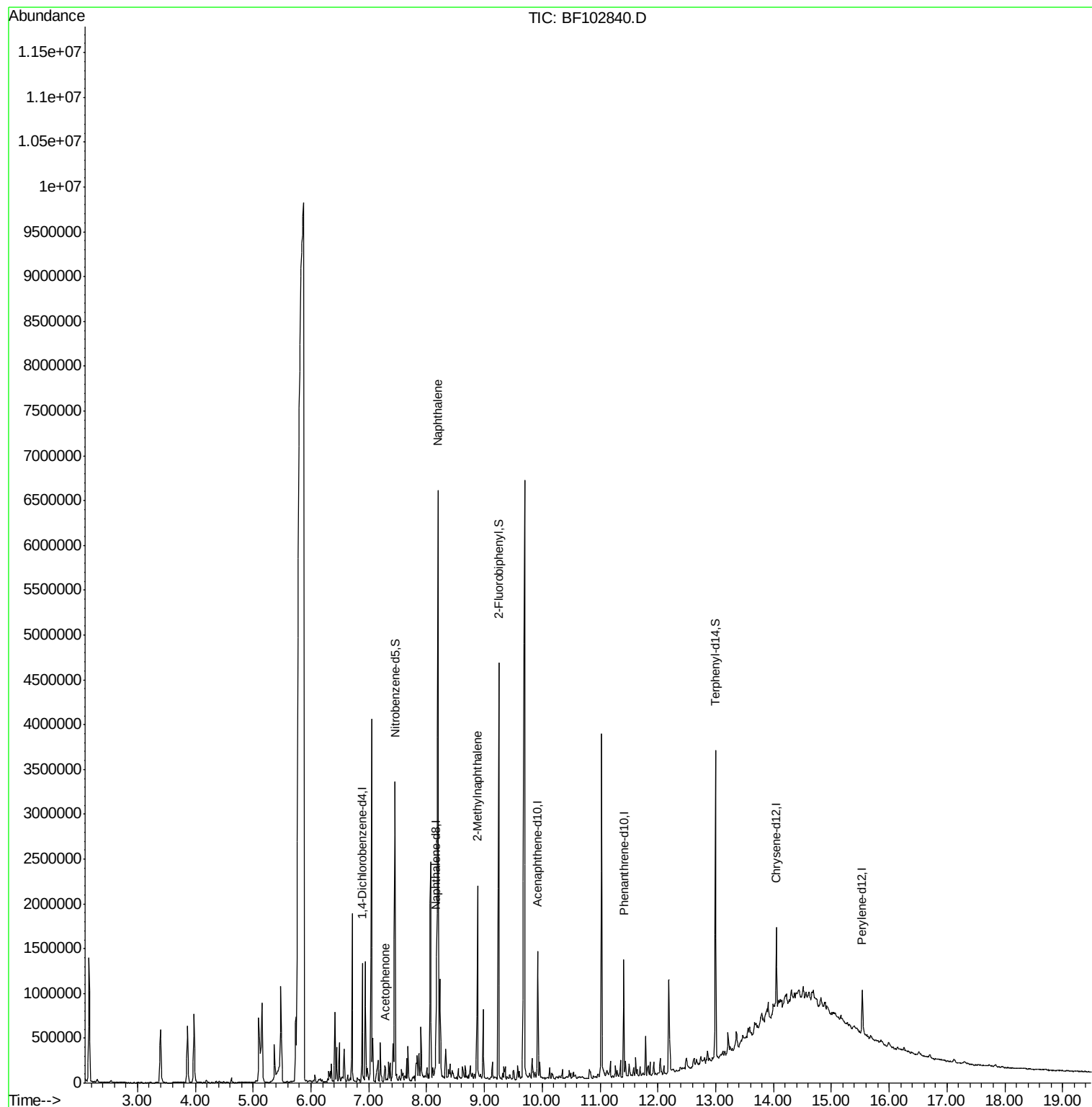
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	171702	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	675544	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	260403	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	375765	20.00	ng	0.00
75) Chrysene-d12	14.05	240	313190	20.00	ng	0.00
86) Perylene-d12	15.53	264	236180	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	864	0.08	ng	0.27
7) Phenol-d6	6.50	99	9140	0.67	ng	0.00
23) Nitrobenzene-d5	7.45	82	1036442	106.43	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.25	172	1528506	97.40	ng	0.00
78) Terphenyl-d14	13.00	244	1201286	90.82	ng	0.00
Target Compounds						
22) Acetophenone	7.28	105	62993	3.811	ng	Qvalue # 80
31) Naphthalene	8.20	128	3326658	100.791	ng	98
37) 2-Methylnaphthalene	8.88	142	378673	17.524	ng	99

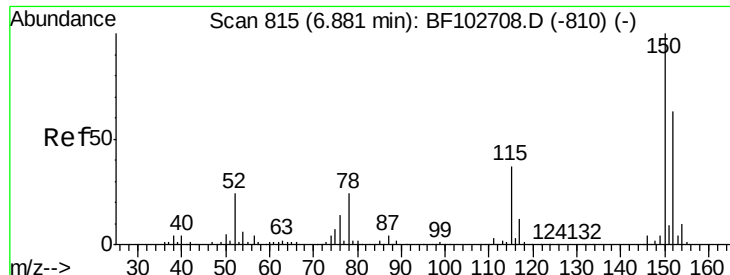
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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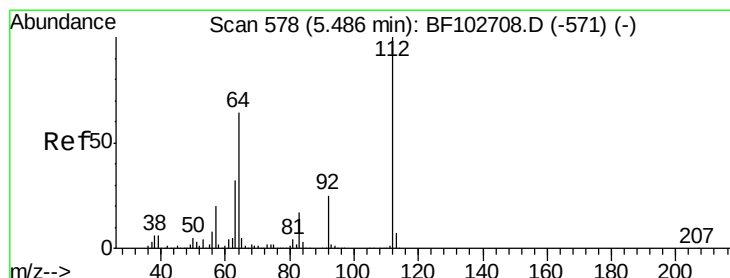
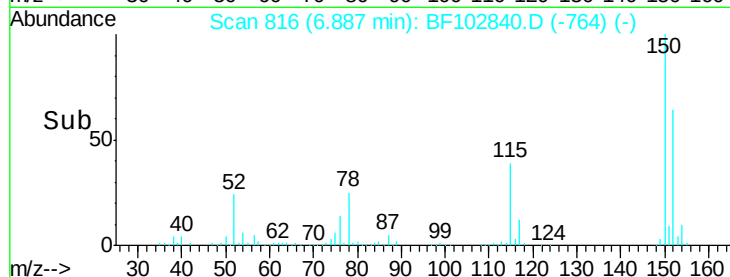
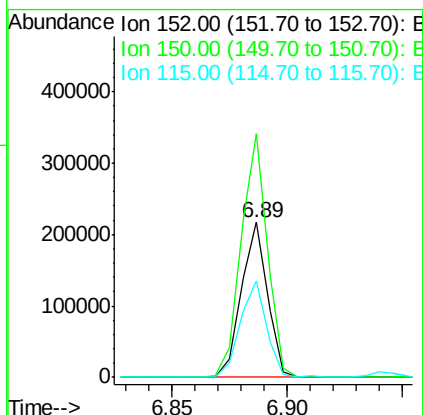
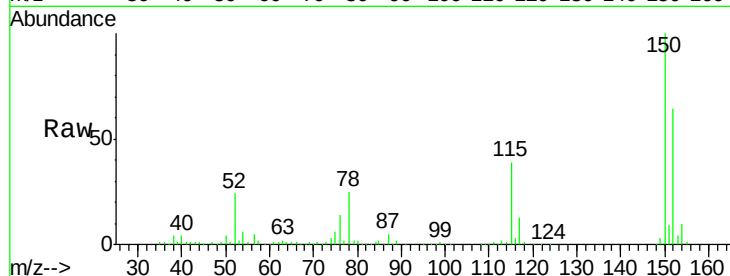


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102840.D
Acq: 8 Feb 2018 3:04

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK

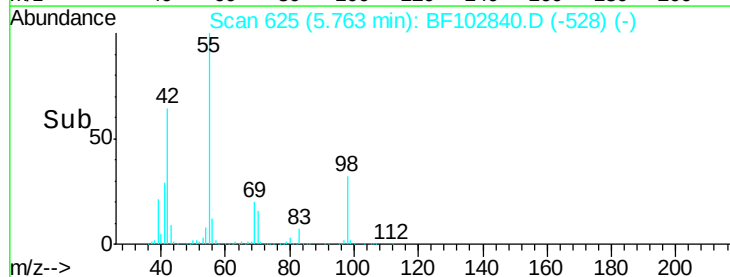
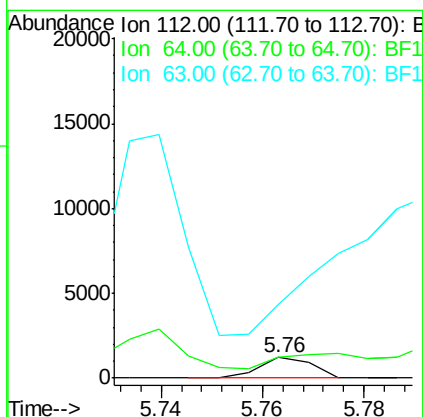
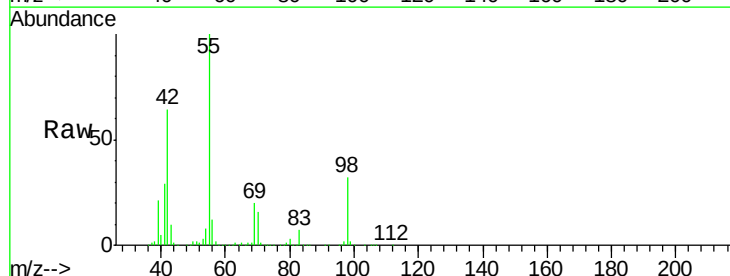
Tot Ion:152 Resp: 171702
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 61.9 50.1 75.1

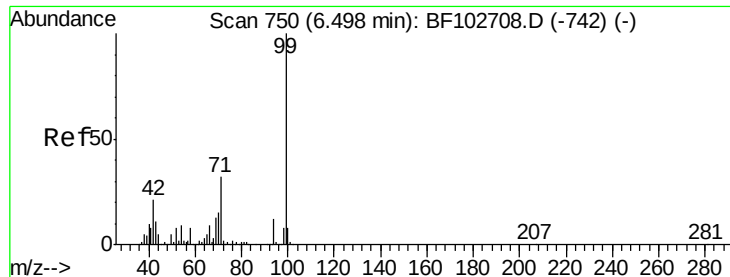


#5

2-Fluorophenol
Concen: 0.076 ng
RT: 5.76 min Scan# 625
Delta R.T. 0.27 min
Lab File: BF102840.D
Acq: 8 Feb 2018 3:04

Tgt Ion:112 Resp: 864
Ion Ratio Lower Upper
112 100
64 103.2 47.9 71.9#
63 358.8 23.7 35.5#





#7

Phenol-d6

Concen: 0.671 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF102840.D

Acq: 8 Feb 2018 3:04

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK

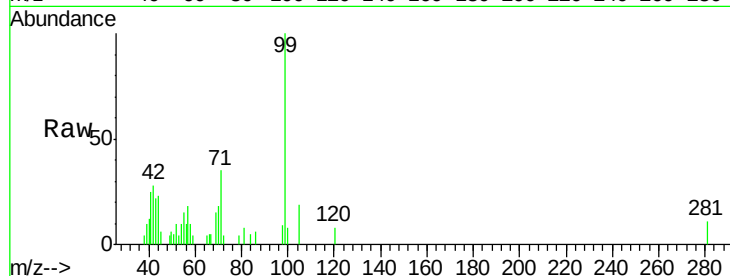
Tot Ion: 99 Resp: 9140

Ion Ratio Lower Upper

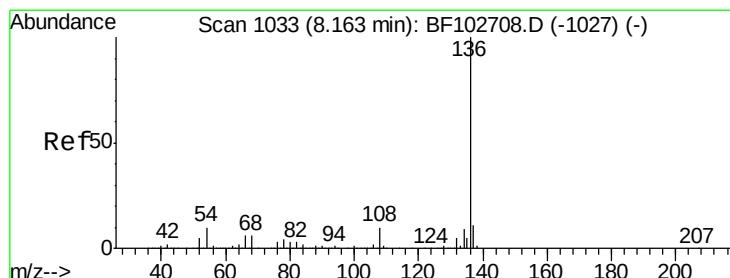
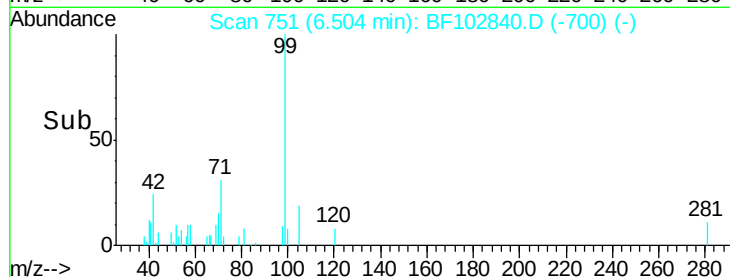
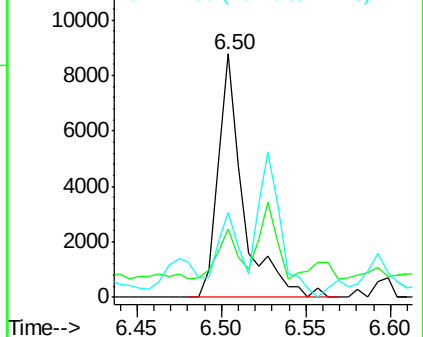
99 100

42 27.8 14.5 21.7#

71 34.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF102840.D

Acq: 8 Feb 2018 3:04

Tgt Ion: 136 Resp: 675544

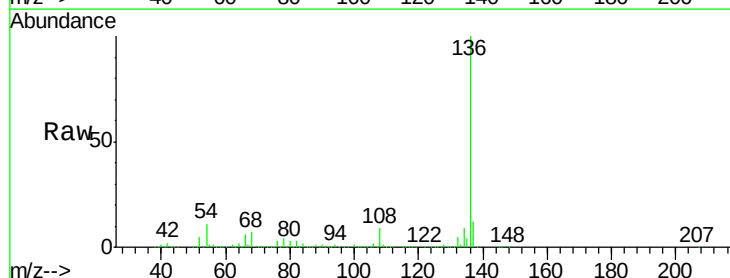
Ion Ratio Lower Upper

136 100

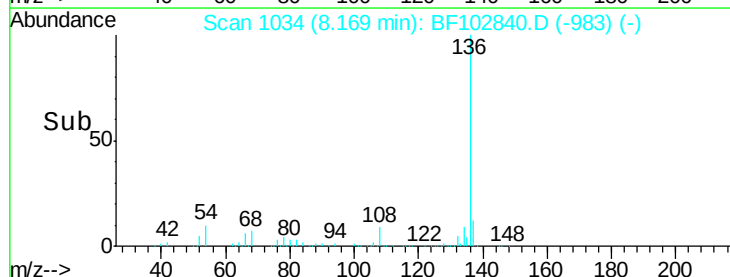
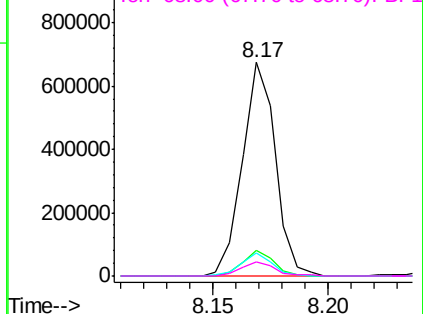
137 11.8 8.9 13.3

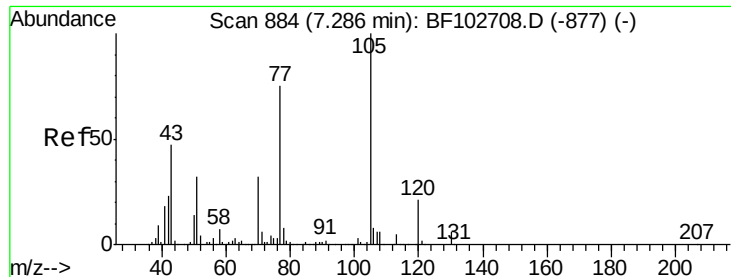
54 10.6 6.6 9.8#

68 6.7 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

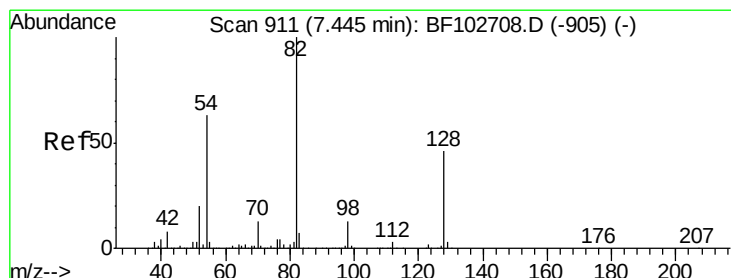
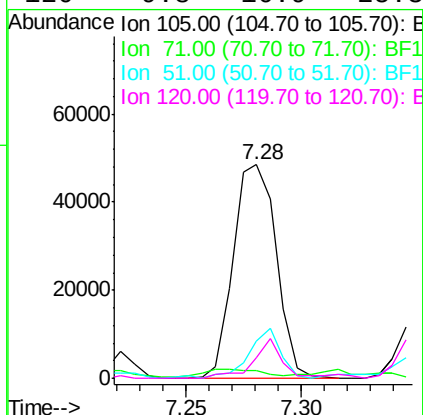
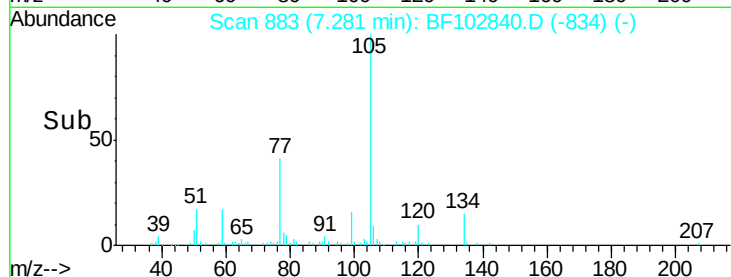
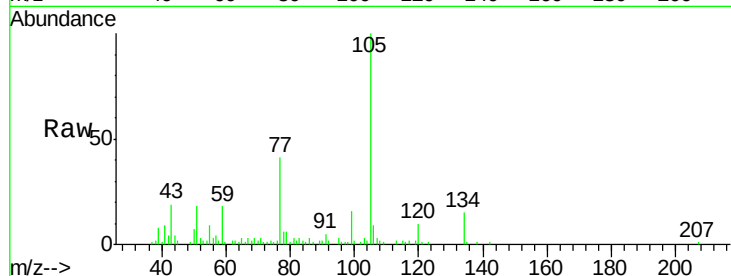




#22
Acetophenone
Concen: 3.811 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102840.D
Acq: 8 Feb 2018 3:04

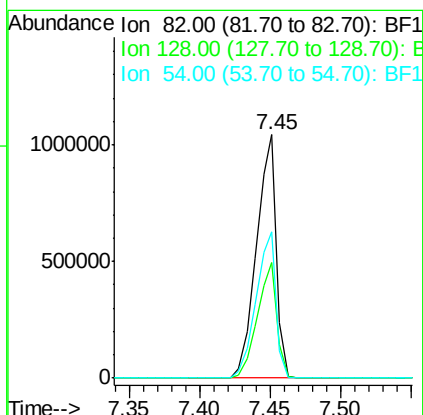
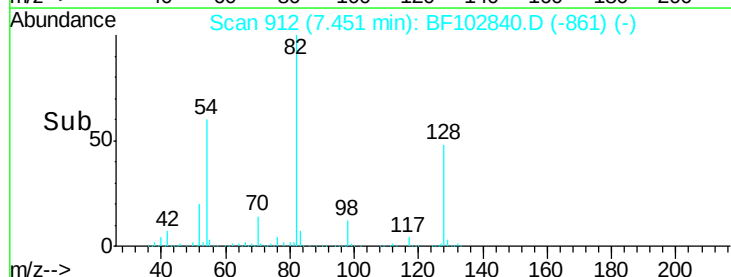
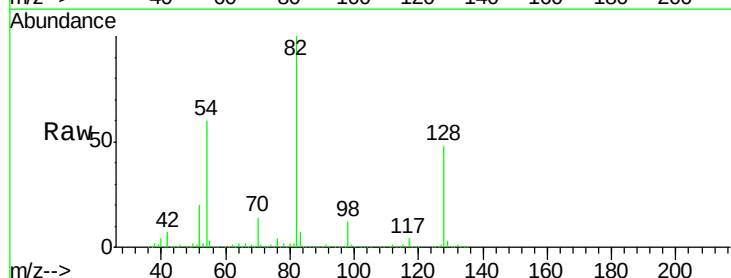
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK

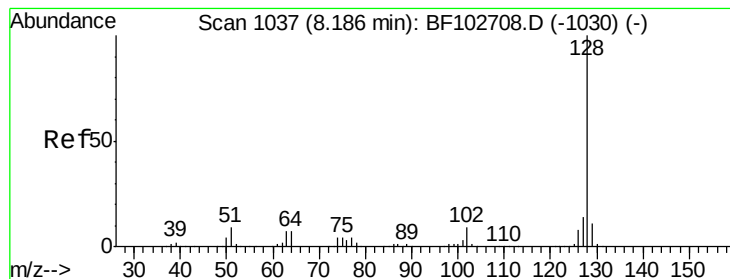
Tot Ion:105 Resp: 62993
Ion Ratio Lower Upper
105 100
71 3.4 4.4 6.6#
51 17.7 22.3 33.5#
120 9.8 16.9 25.3#



#23
Nitrobenzene-d5
Concen: 106.431 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF102840.D
Acq: 8 Feb 2018 3:04

Tgt Ion: 82 Resp: 1036442
Ion Ratio Lower Upper
82 100
128 47.7 36.1 54.1
54 60.0 41.4 62.2





#31

Naphthalene

Concen: 100.791 ng

RT: 8.20 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BF102840.D

Acq: 8 Feb 2018 3:04

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK

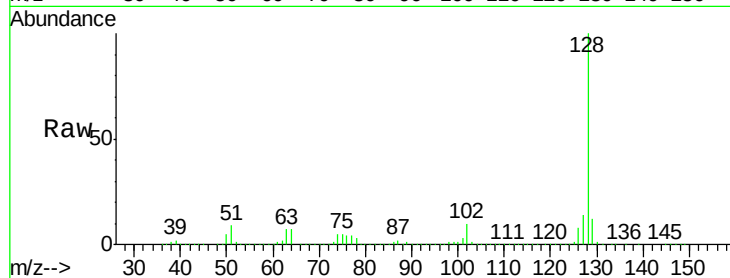
Tot Ion:128 Resp: 3326658

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

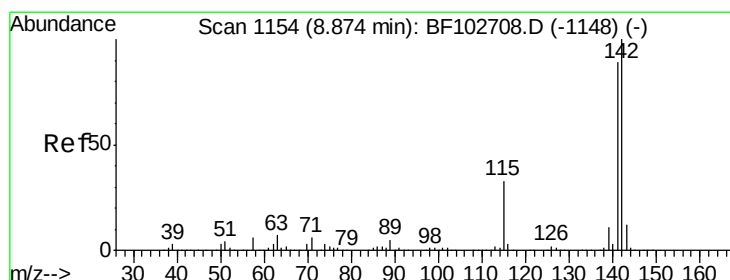
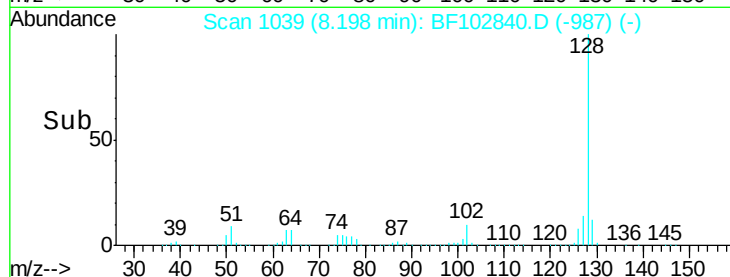
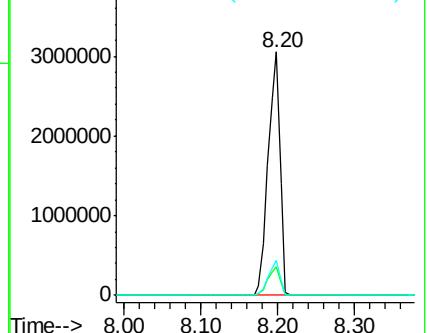
127 14.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 17.524 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF102840.D

Acq: 8 Feb 2018 3:04

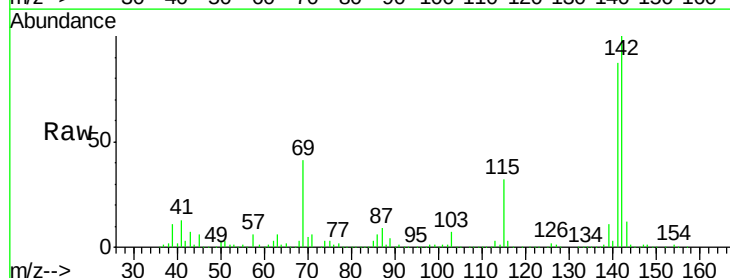
Tgt Ion:142 Resp: 378673

Ion Ratio Lower Upper

142 100

141 87.2 70.8 106.2

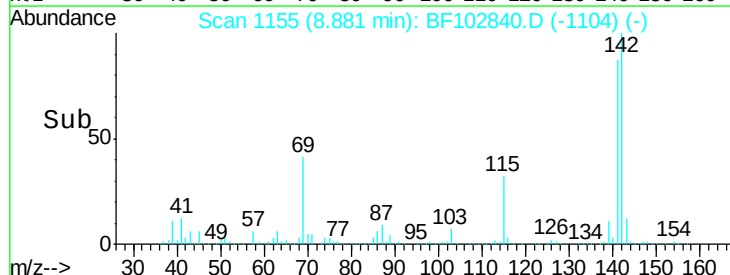
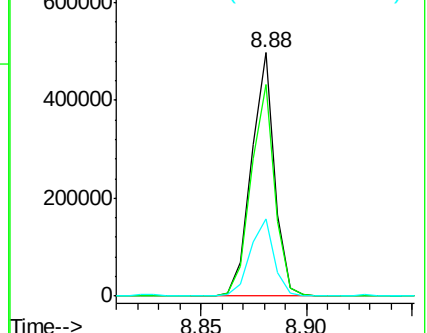
115 31.9 26.1 39.1

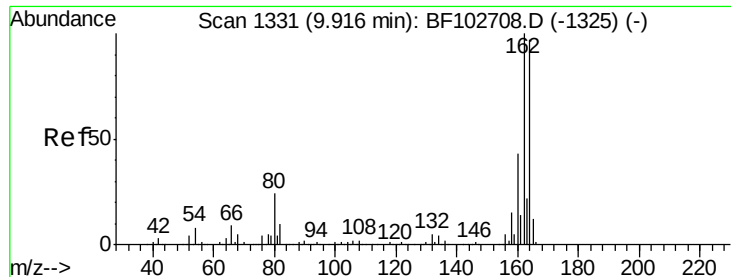


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF102840.D

Acq: 8 Feb 2018 3:04

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK

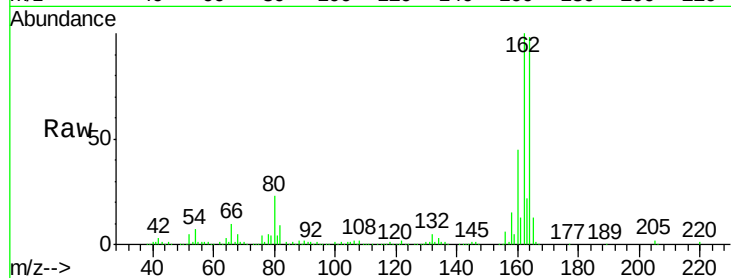
Tot Ion:164 Resp: 260403

Ion Ratio Lower Upper

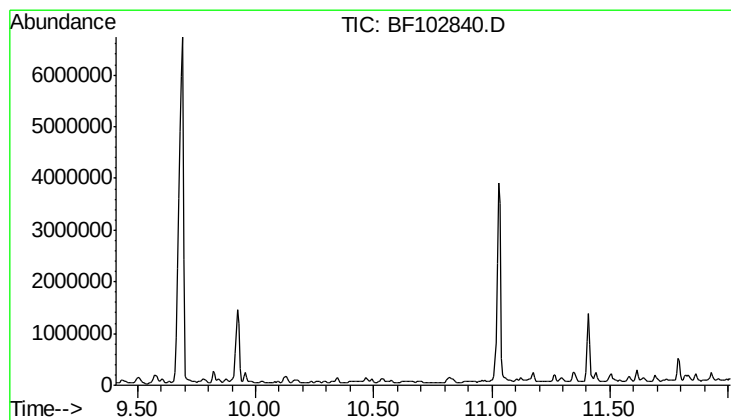
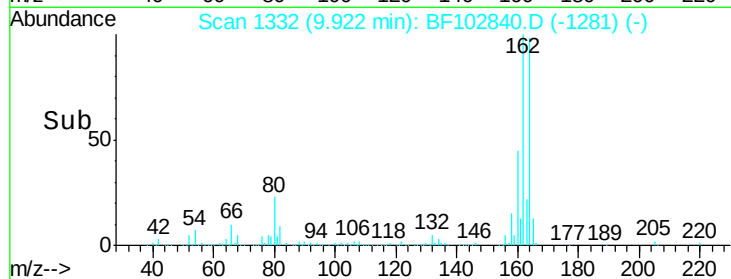
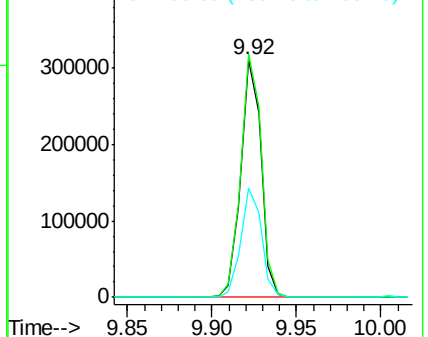
164 100

162 102.5 86.1 129.1

160 45.8 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: 10.71 min

Lab File: BF102840.D

Acq: 8 Feb 2018 3:04

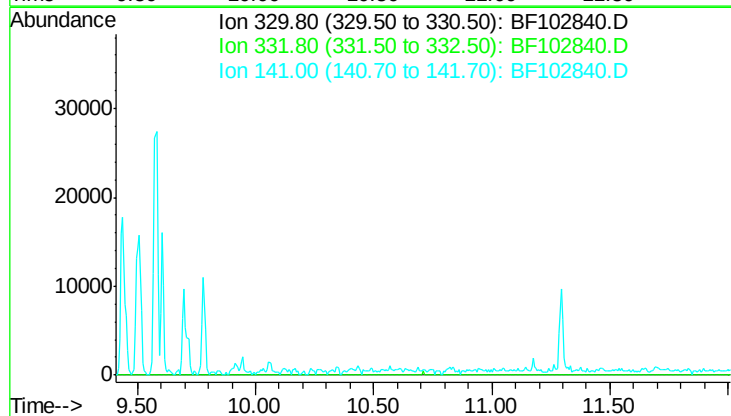
Tgt Ion: 330

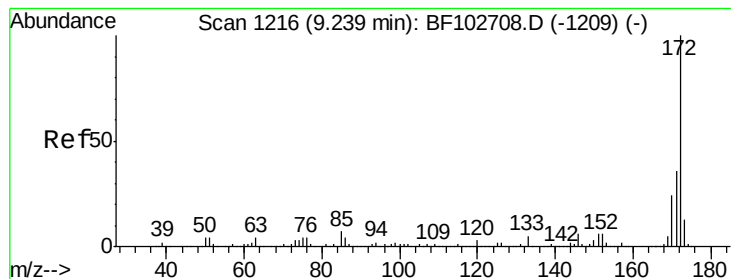
Sig Exp Ratio

330 100

332 96.3

141 37.4





#44

2-Fluorobiphenyl

Concen: 97.400 ng

RT: 9.25 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BF102840.D

Acq: 8 Feb 2018 3:04

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK

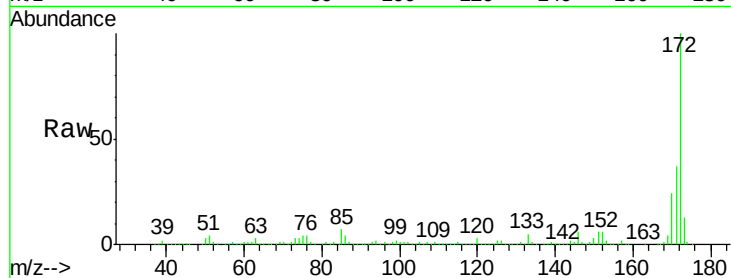
Tot Ion:172 Resp: 1528506

Ion Ratio Lower Upper

172 100

171 36.6 29.7 44.5

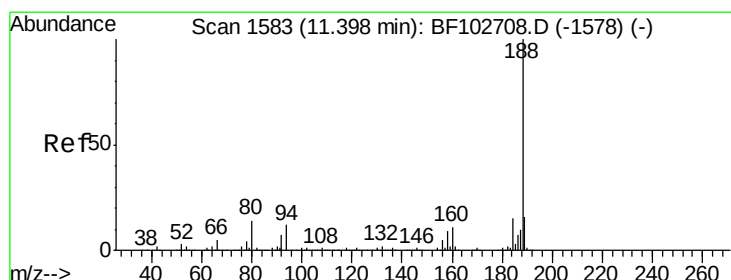
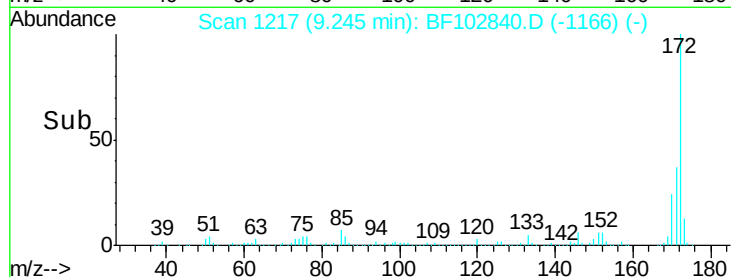
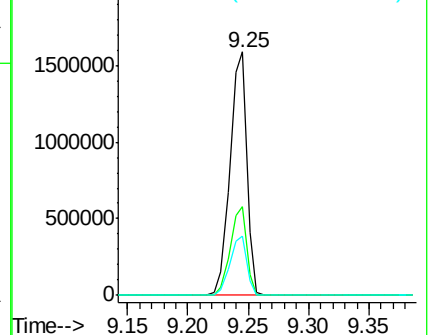
170 24.2 19.6 29.4



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF102840.D

Acq: 8 Feb 2018 3:04

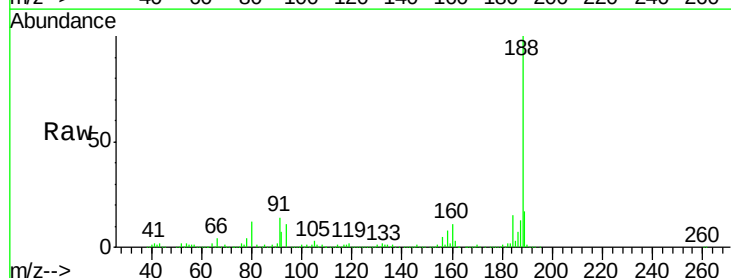
Tgt Ion:188 Resp: 375765

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

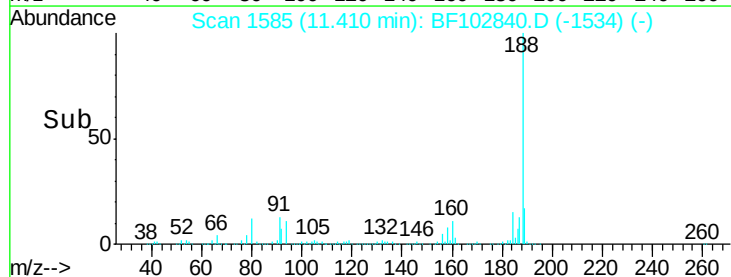
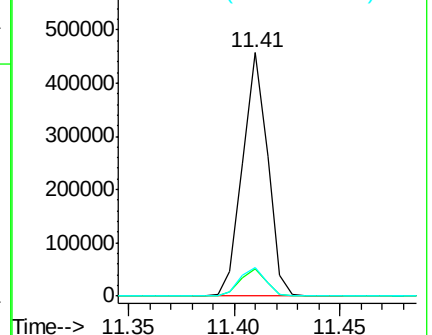
80 11.9 9.2 13.8

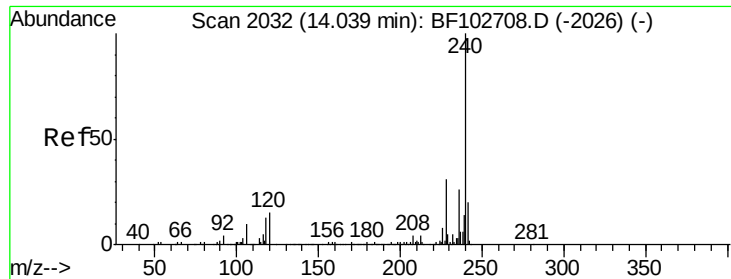


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

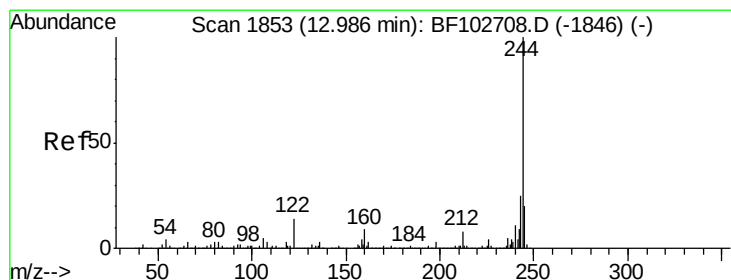
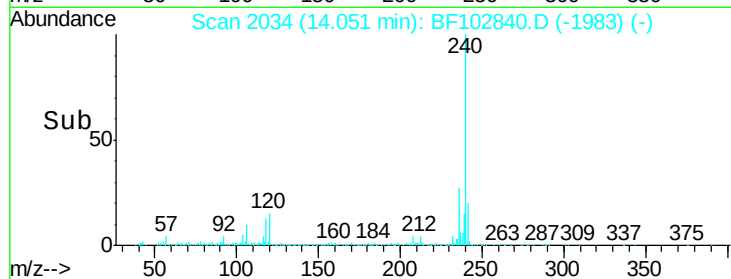
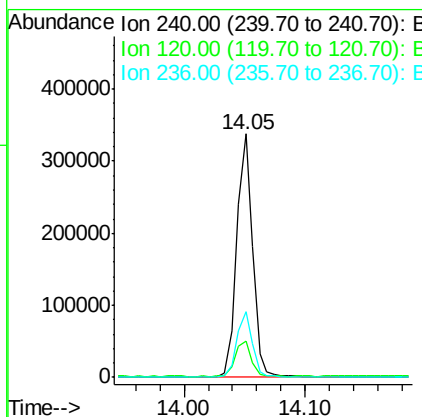
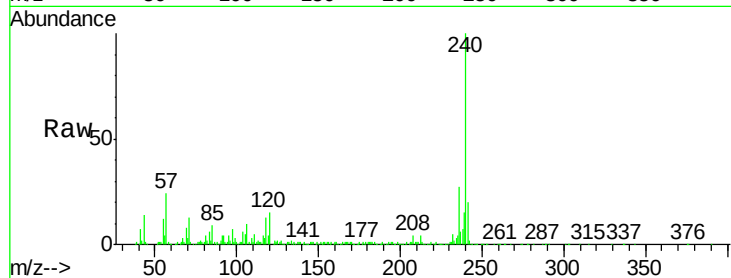




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF102840.D
Acq: 8 Feb 2018 3:04

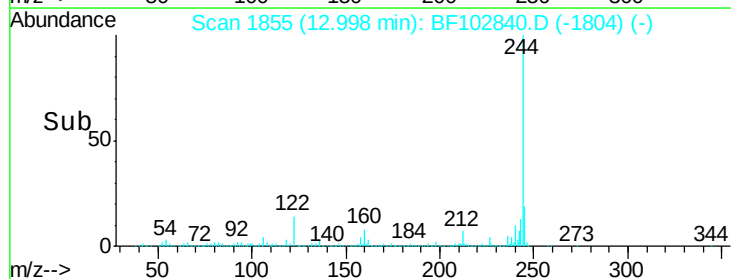
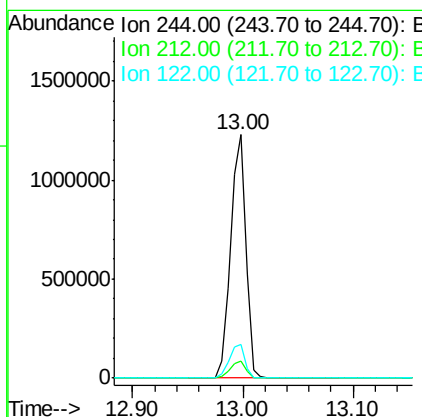
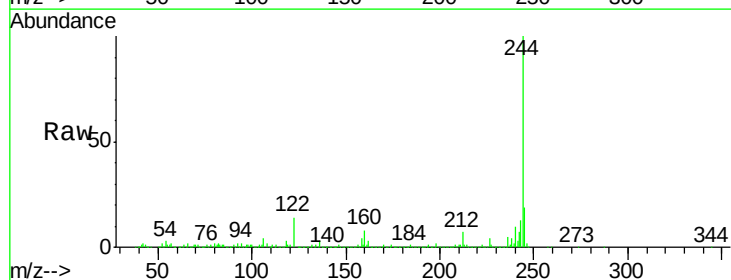
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK

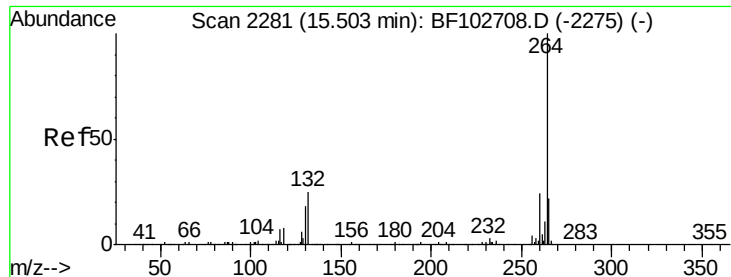
Tot Ion:240 Resp: 313190
Ion Ratio Lower Upper
240 100
120 15.1 9.5 14.3#
236 27.1 20.7 31.1



#78
Terphenyl-d14
Concen: 90.819 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF102840.D
Acq: 8 Feb 2018 3:04

Tgt Ion:244 Resp: 1201286
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 13.6 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. 0.01 min
 Lab File: BF102840.D
 Acq: 8 Feb 2018 3:04

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK

Tot Ion: 264 Resp: 236180
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 21.9 17.5 26.3

