

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
 Data File : BF083290.D
 Acq On : 25 Nov 2015 23:18
 Operator : UM/IZ
 Sample : G4567-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-GRAB2

Quant Time: Nov 26 01:18:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

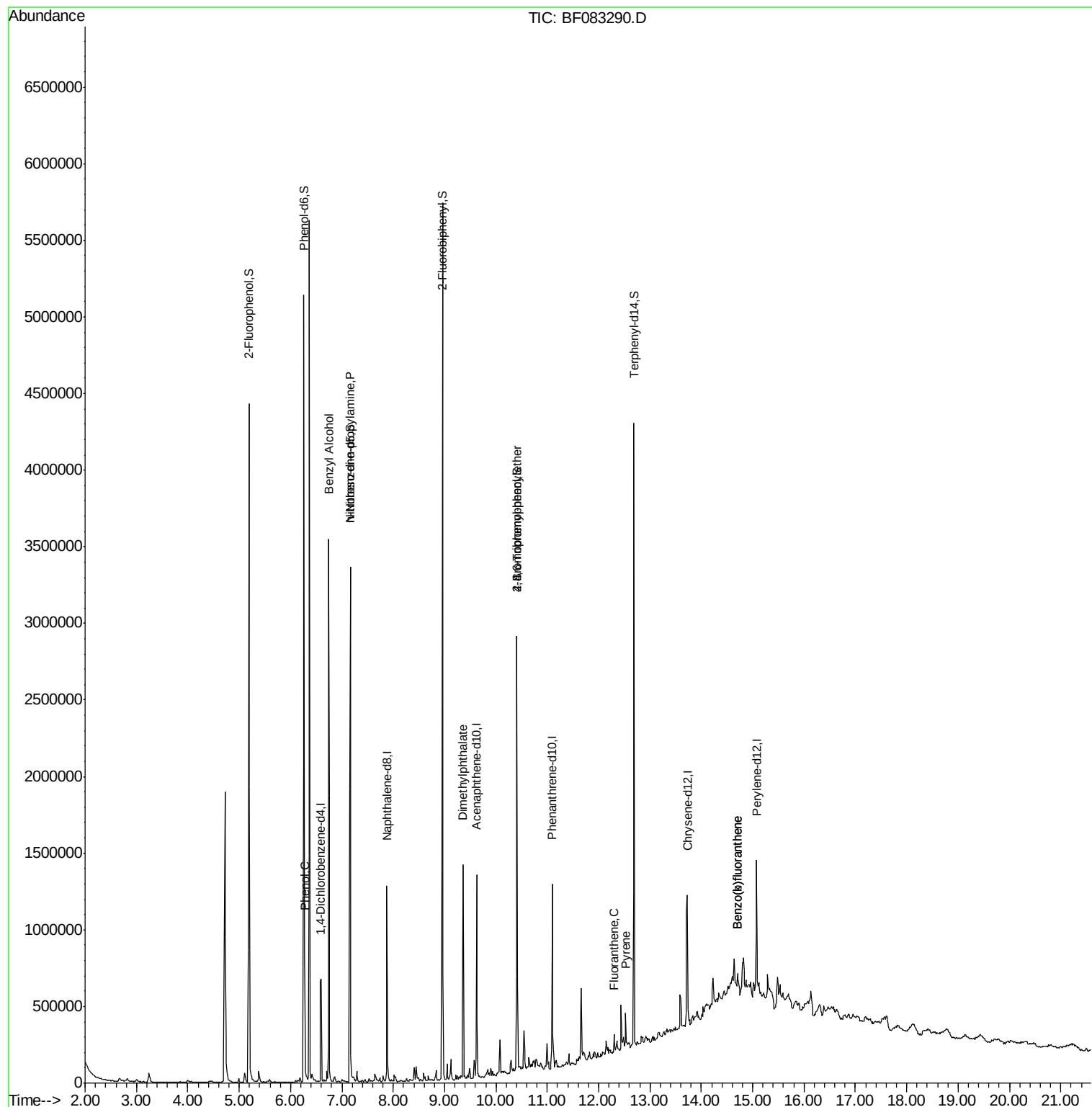
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	150880	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	558973	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	259627	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	415319	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	384997	20.00	ng	-0.08
86) Perylene-d12	15.07	264	356258	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1405261	140.81	ng	-0.09
7) Phenol-d6	6.26	99	1888980	146.29	ng	-0.08
23) Nitrobenzene-d5	7.16	82	1341327	109.65	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	297362	111.95	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1706022	91.63	ng	-0.07
78) Terphenyl-d14	12.69	244	1240955	75.90	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.15	77	6873	Below Cal	#	73
10) Phenol	6.27	94	40446	2.59 ng	#	94
15) Benzyl Alcohol	6.74	79	22986	2.13 ng	#	51
19) n-Nitroso-di-n-propylamine	7.16	70	181840	20.24 ng	#	75
49) Dimethylphthalate	9.36	163	497704	24.90 ng	#	99
66) 4-Bromophenyl-phenylether	10.41	248	20691	4.49 ng	#	1
74) Fluoranthene	12.30	202	58265	2.38 ng	#	94
77) Pyrene	12.52	202	77034	2.93 ng	#	97
87) Benzo(b)fluoranthene	14.71	252	57810	2.37 ng	#	77
88) Benzo(k)fluoranthene	14.71	252	57717	3.18 ng	#	78

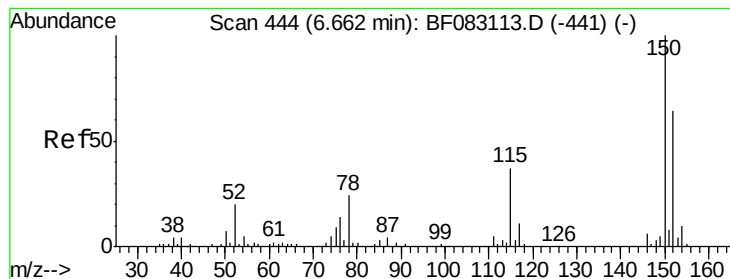
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083290.D
Acq On : 25 Nov 2015 23:18
Operator : UM/IZ
Sample : G4567-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-GRAB2

Quant Time: Nov 26 01:18:55 2015
Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 403

Delta R.T. -0.07 min

Lab File: BF083290.D

Acq: 25 Nov 2015 23:18

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB2

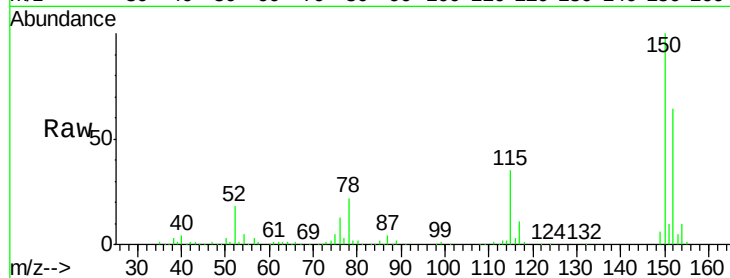
Tgt Ion:152 Resp: 150880

Ion Ratio Lower Upper

152 100

150 157.0 125.8 188.8

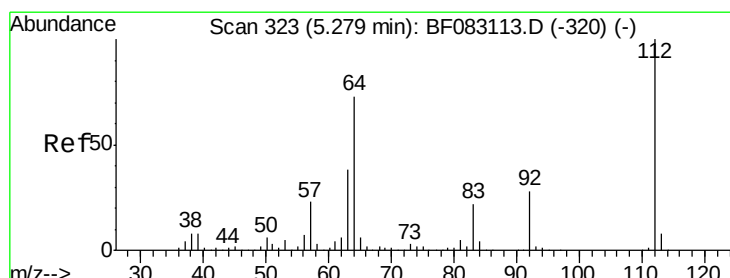
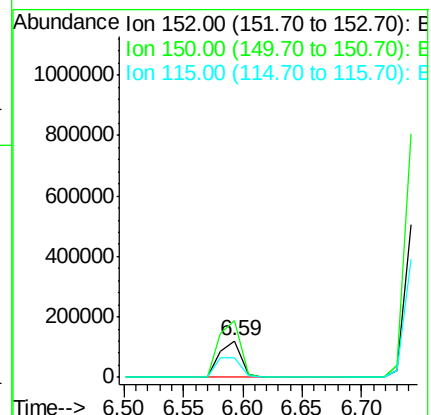
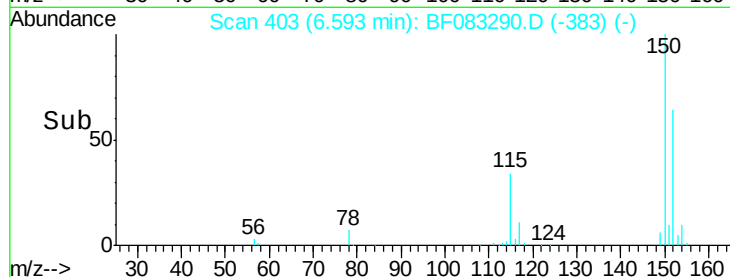
115 54.2 46.9 70.3



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: 140.81 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.09 min

Lab File: BF083290.D

Acq: 25 Nov 2015 23:18

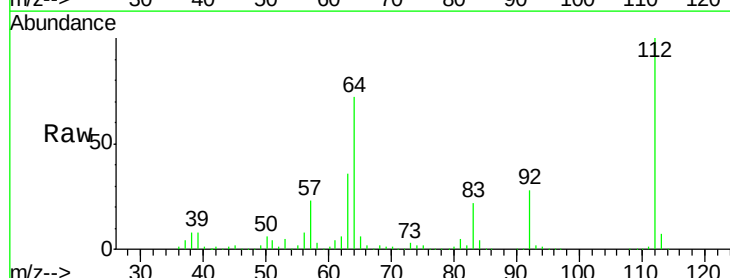
Tgt Ion:112 Resp: 1405261

Ion Ratio Lower Upper

112 100

64 72.2 58.4 87.6

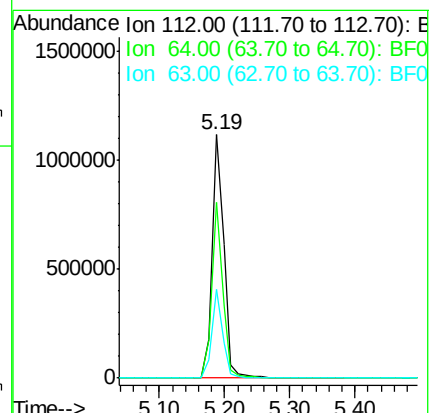
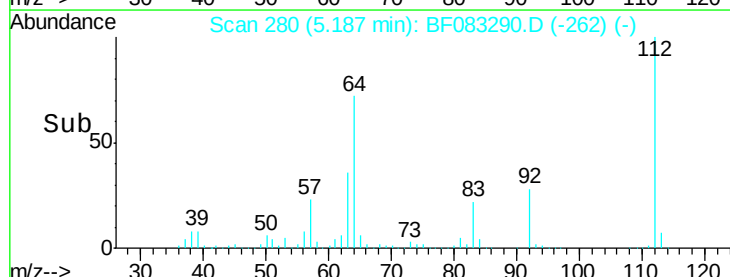
63 36.4 30.0 45.0

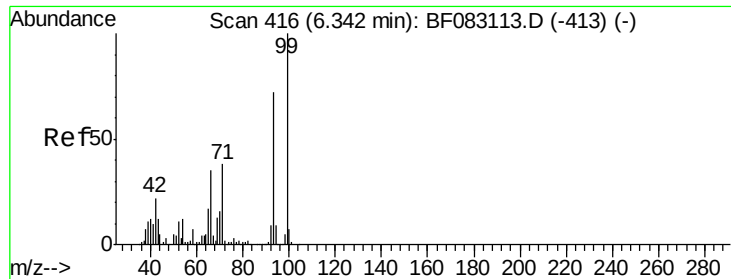


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 146.29 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.08 min

Lab File: BF083290.D

Acq: 25 Nov 2015 23:18

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB2

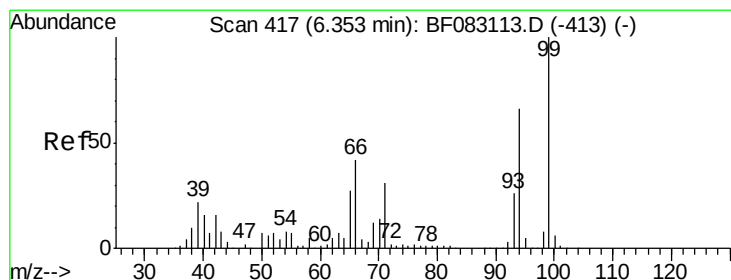
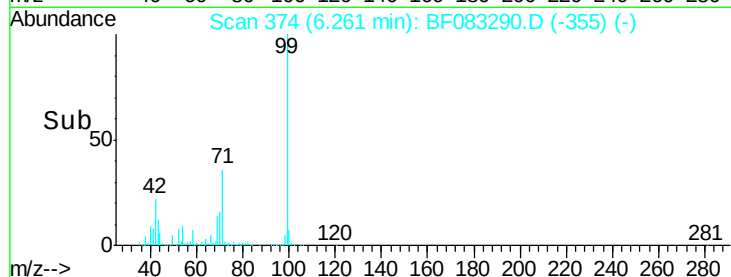
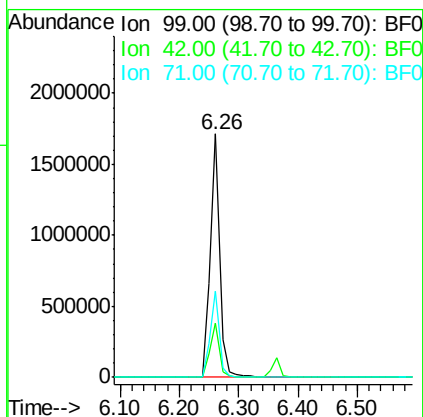
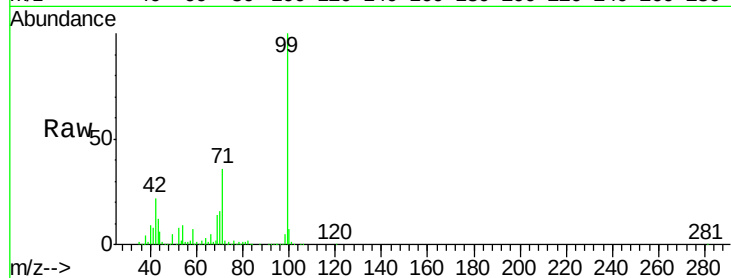
Tgt Ion: 99 Resp: 1888980

Ion Ratio Lower Upper

99 100

42 22.4 17.7 26.5

71 35.6 30.2 45.4



#10

Phenol

Concen: 2.59 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.08 min

Lab File: BF083290.D

Acq: 25 Nov 2015 23:18

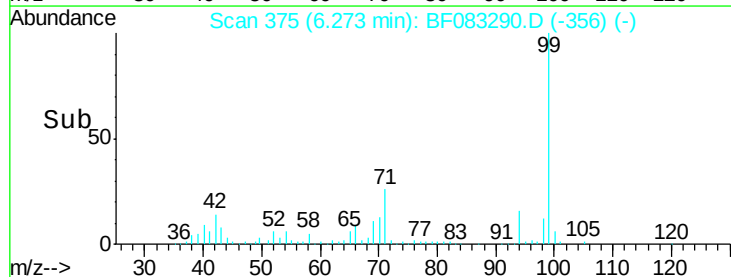
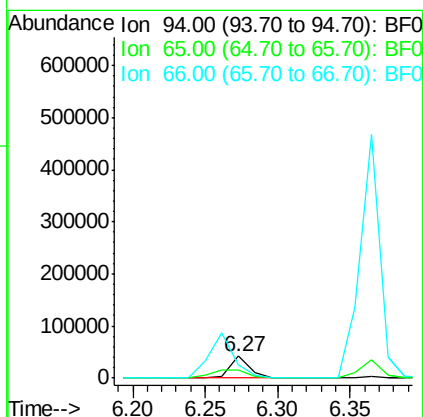
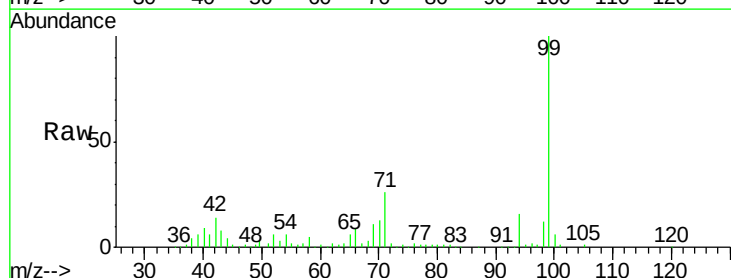
Tgt Ion: 94 Resp: 40446

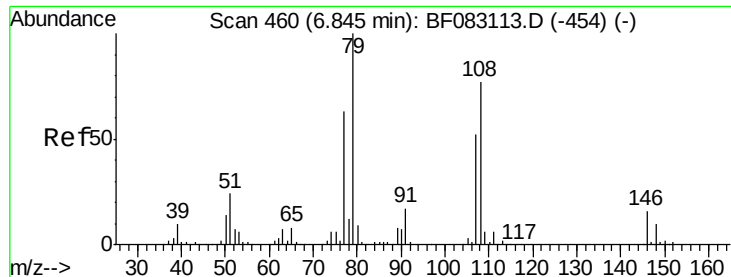
Ion Ratio Lower Upper

94 100

65 35.2 21.1 61.1

66 59.9 43.1 83.1





#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 6.74 min Scan# 416

Delta R.T. -0.10 min

Lab File: BF083290.D

Acq: 25 Nov 2015 23:18

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB2

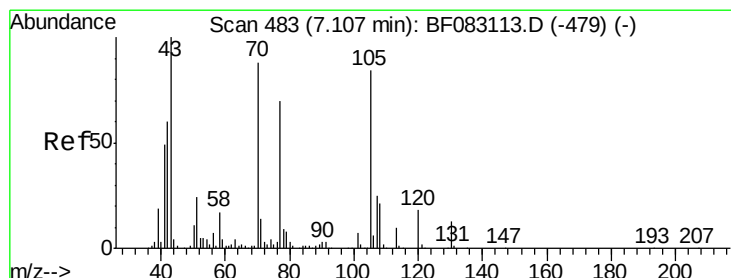
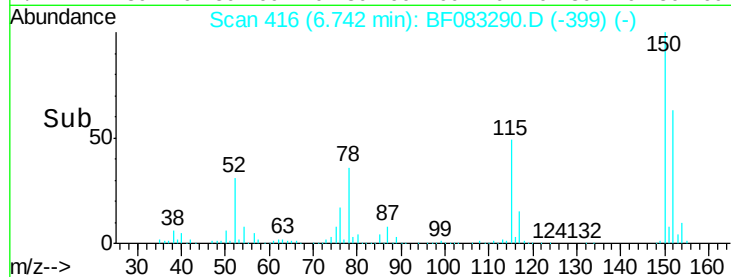
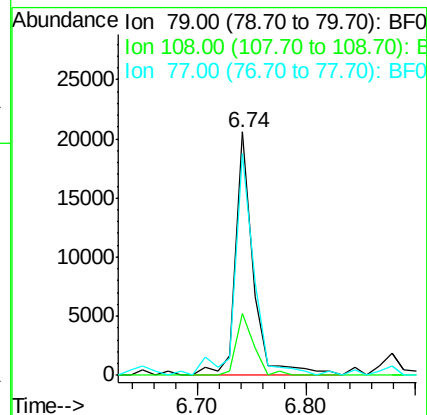
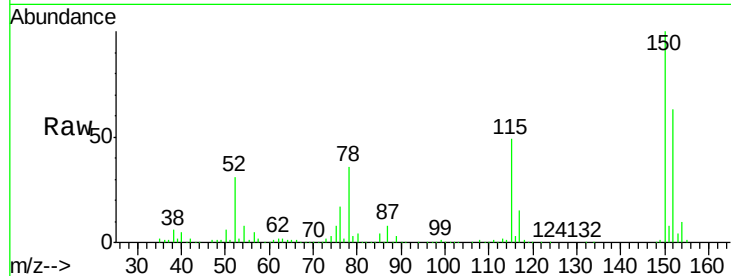
Tgt Ion: 79 Resp: 22986

Ion Ratio Lower Upper

79 100

108 25.2 61.4 92.2#

77 90.9 50.5 75.7#



#19

n-Nitroso-di-n-propylamine

Concen: 20.24 ng

RT: 7.16 min Scan# 453

Delta R.T. 0.06 min

Lab File: BF083290.D

Acq: 25 Nov 2015 23:18

Tgt Ion: 70 Resp: 181840

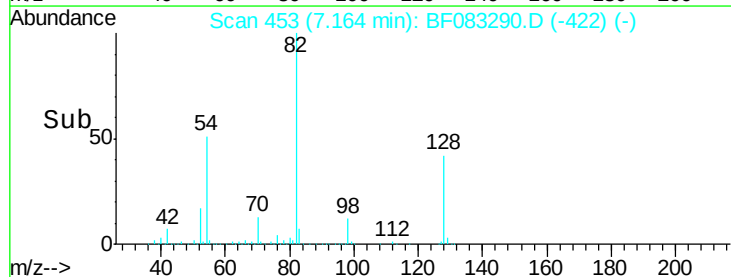
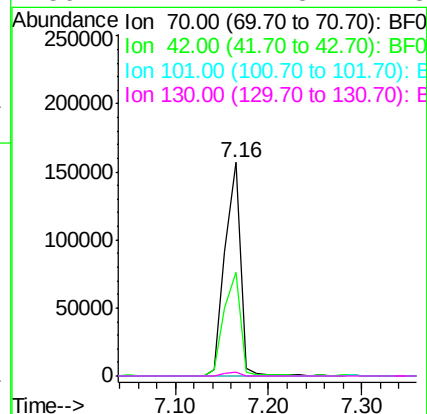
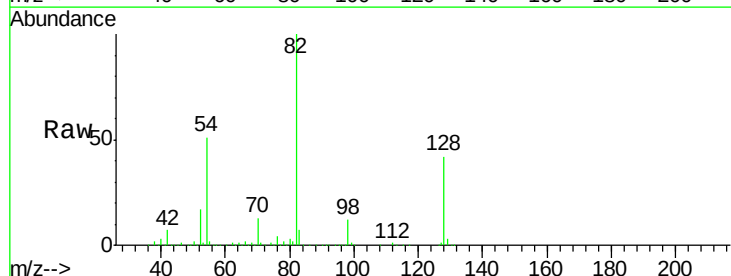
Ion Ratio Lower Upper

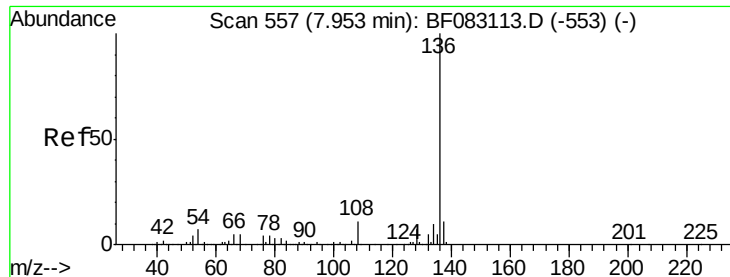
70 100

42 48.8 54.5 81.7#

101 0.0 6.6 9.8#

130 1.7 11.5 17.3#

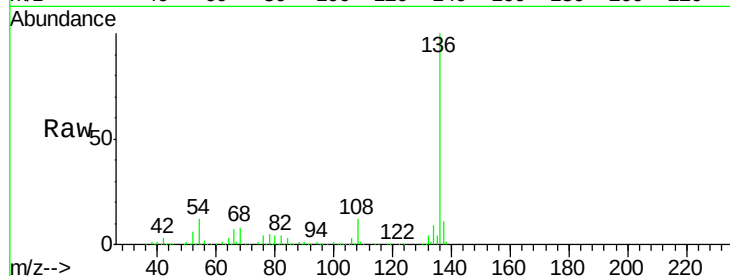




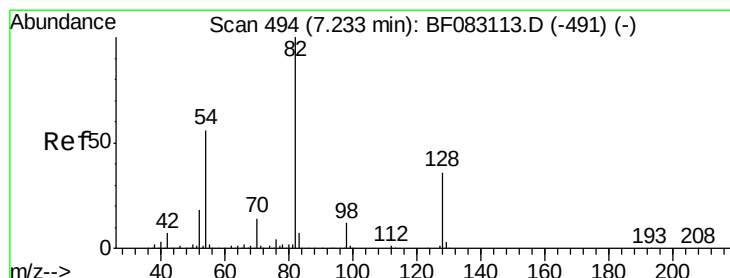
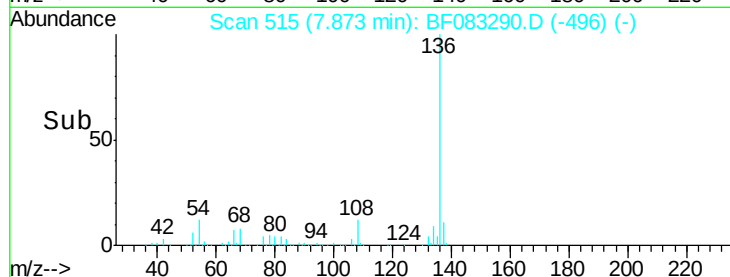
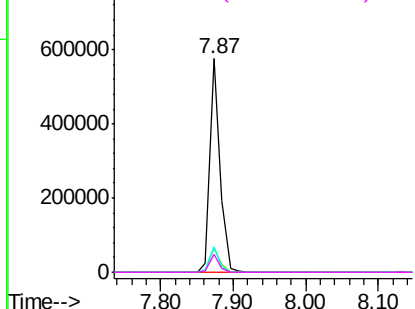
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF083290.D
Acq: 25 Nov 2015 23:18

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-GRAB2

Tgt Ion:	136	Resp:	558973
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.7	5.8	8.6#
68	8.4	3.8	5.8#

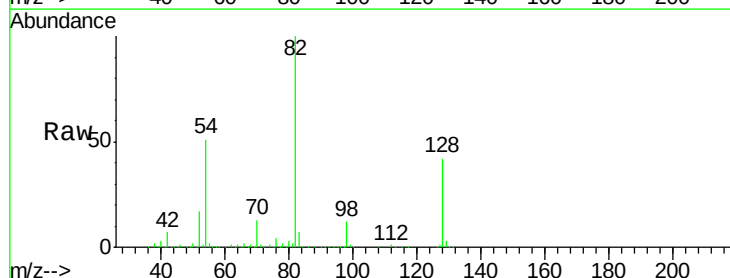


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

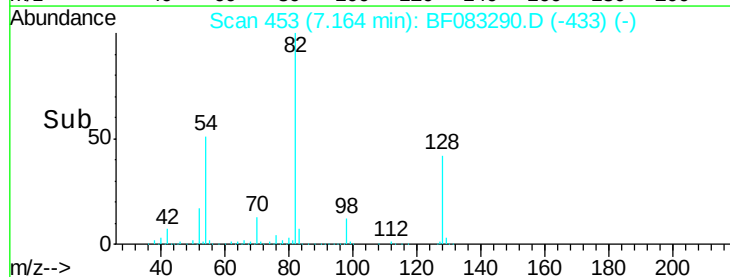
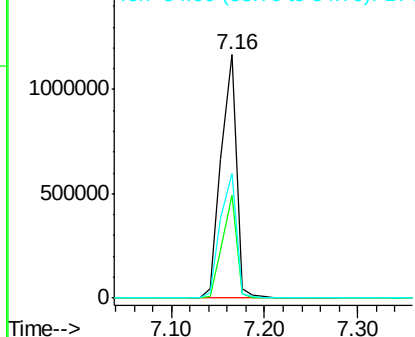


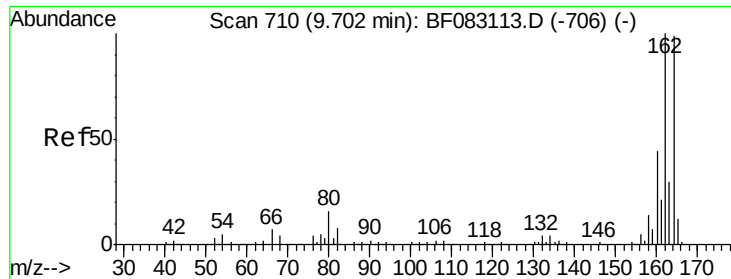
#23
Nitrobenzene-d5
Concen: 109.65 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.07 min
Lab File: BF083290.D
Acq: 25 Nov 2015 23:18

Tgt Ion:	82	Resp:	1341327
Ion	Ratio	Lower	Upper
82	100		
128	42.2	28.5	42.7
54	51.0	44.6	67.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

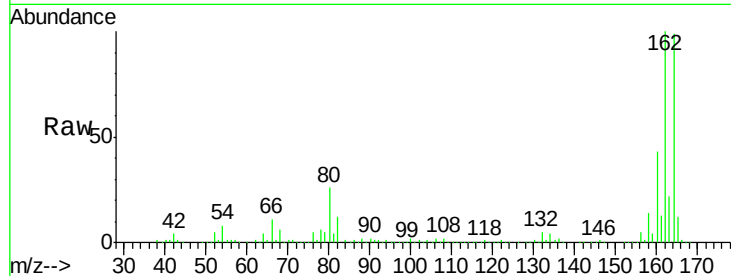




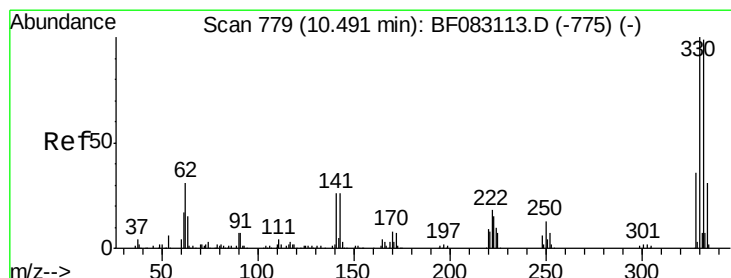
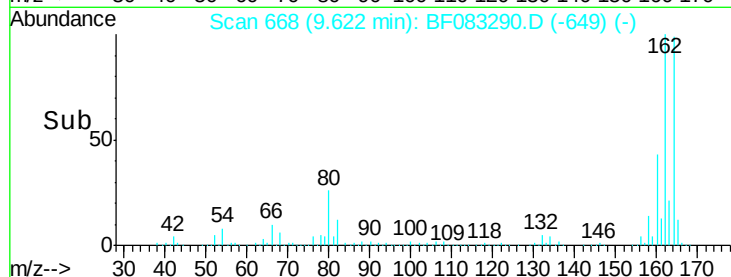
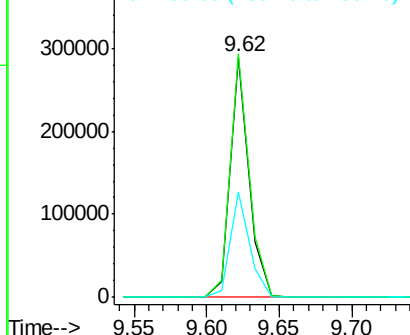
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.08 min
Lab File: BF083290.D
Acq: 25 Nov 2015 23:18

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-GRAB2

Tgt Ion:164 Resp: 259627
Ion Ratio Lower Upper
164 100
162 101.5 81.2 121.8
160 43.9 35.6 53.4

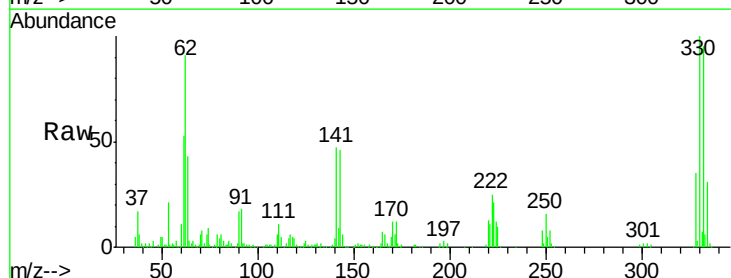


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

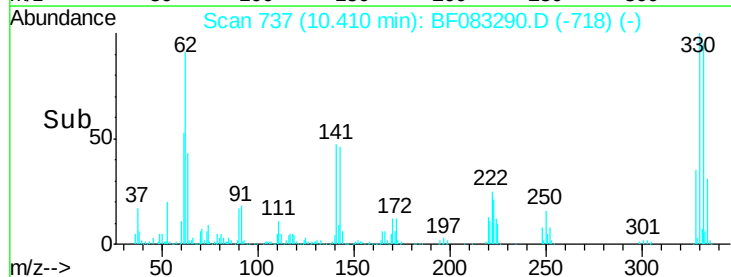
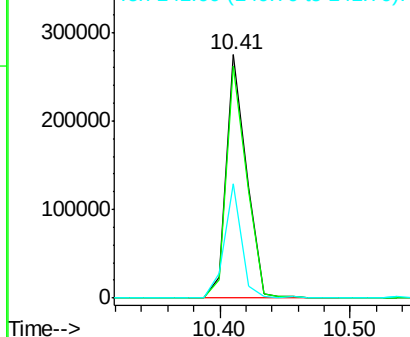


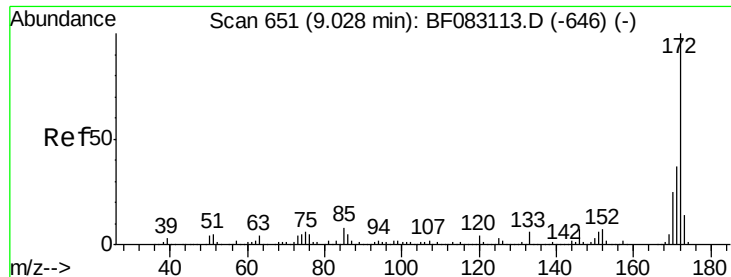
#41
2,4,6-Tribromophenol
Concen: 111.95 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.08 min
Lab File: BF083290.D
Acq: 25 Nov 2015 23:18

Tgt Ion:330 Resp: 297362
Ion Ratio Lower Upper
330 100
332 95.8 77.7 116.5
141 40.3 29.7 44.5



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

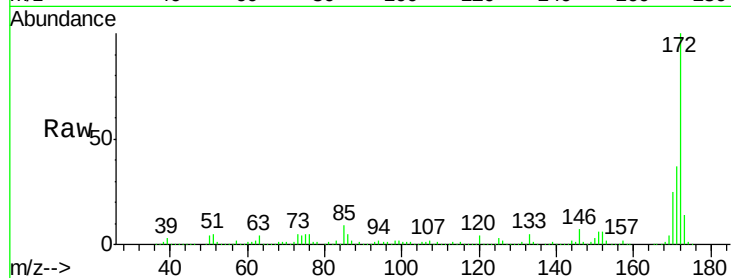




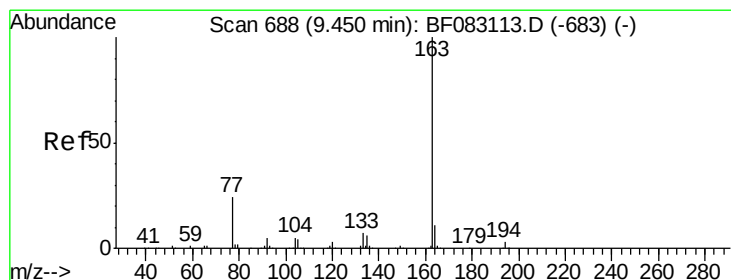
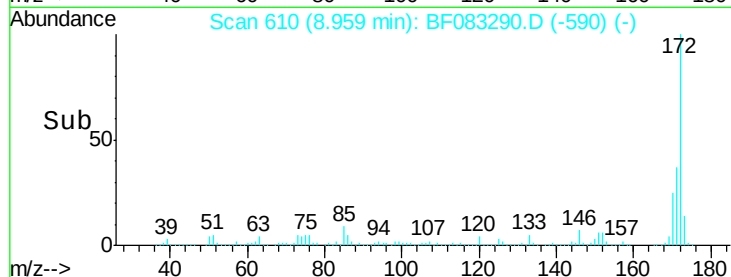
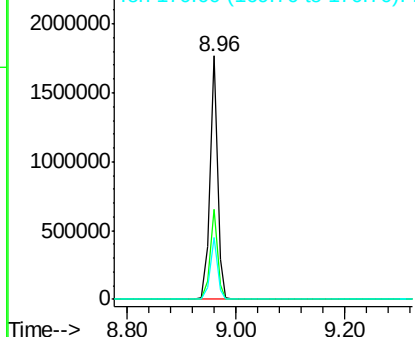
#44
 2-Fluorobiphenyl
 Concen: 91.63 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083290.D
 Acq: 25 Nov 2015 23:18

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-GRAB2

Tgt Ion:172 Resp: 1706022
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.5 44.3
 170 25.2 19.9 29.9

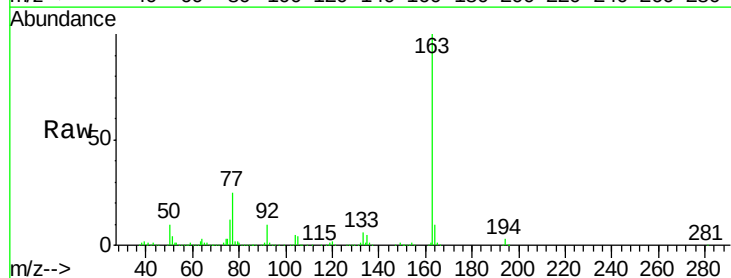


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

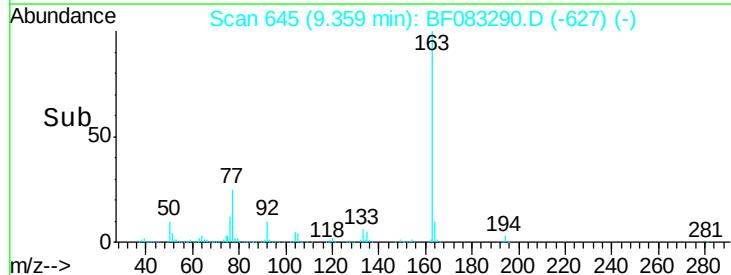
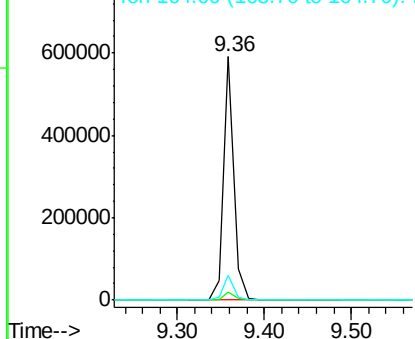


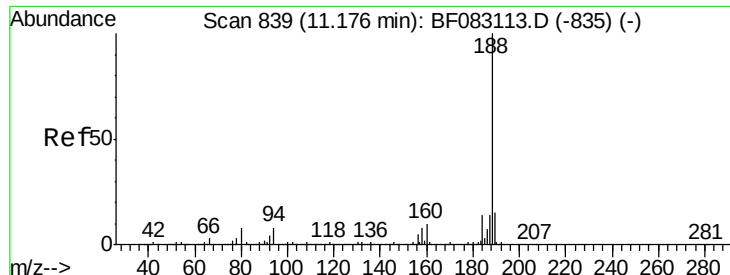
#49
 Dimethylphthalate
 Concen: 24.90 ng
 RT: 9.36 min Scan# 645
 Delta R.T. -0.09 min
 Lab File: BF083290.D
 Acq: 25 Nov 2015 23:18

Tgt Ion:163 Resp: 497704
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 10.1 8.6 12.8



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

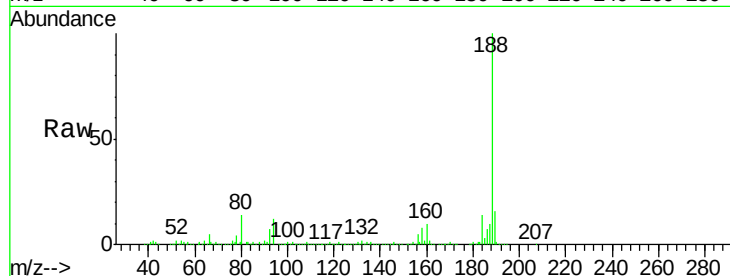




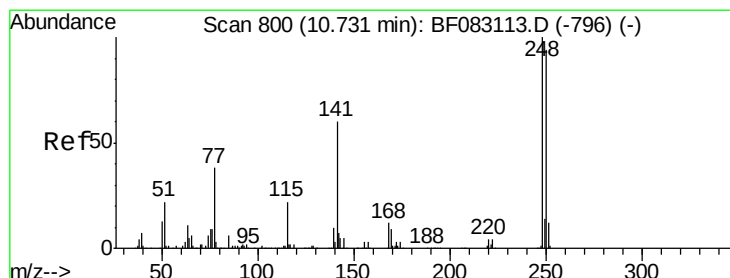
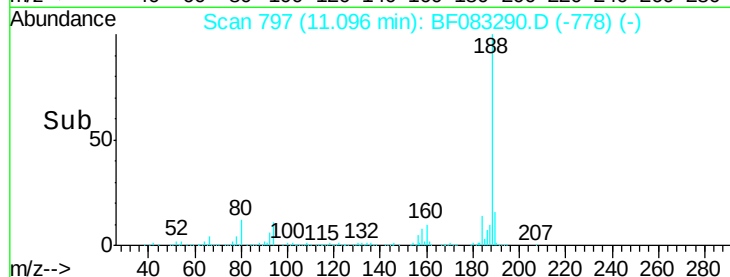
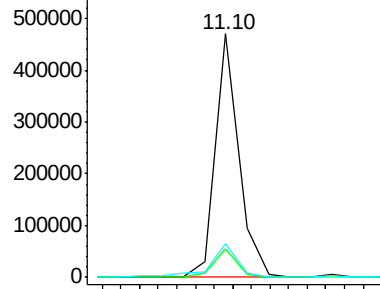
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083290.D
Acq: 25 Nov 2015 23:18

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-GRAB2

Tgt Ion:188 Resp: 415319
Ion Ratio Lower Upper
188 100
94 11.6 6.0 9.0#
80 13.7 6.7 10.1#

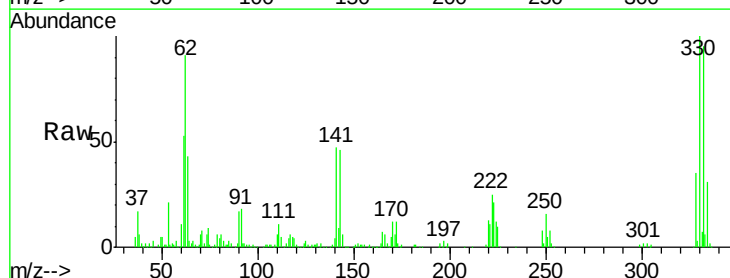


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

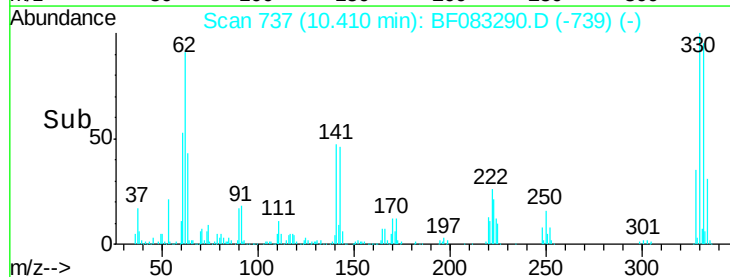
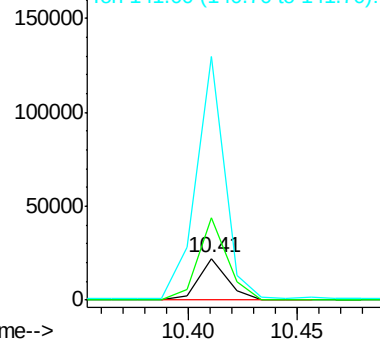


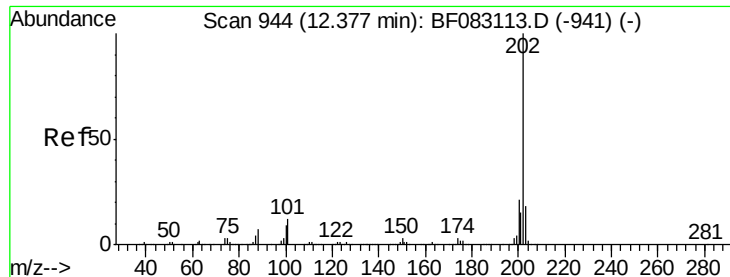
#66
4-Bromophenyl-phenylether
Concen: 4.49 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.32 min
Lab File: BF083290.D
Acq: 25 Nov 2015 23:18

Tgt Ion:248 Resp: 20691
Ion Ratio Lower Upper
248 100
250 195.2 75.4 113.2#
141 580.6 48.1 72.1#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#74

Fluoranthene

Concen: 2.38 ng

RT: 12.30 min Scan# 902

Delta R.T. -0.08 min

Lab File: BF083290.D

Acq: 25 Nov 2015 23:18

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB2

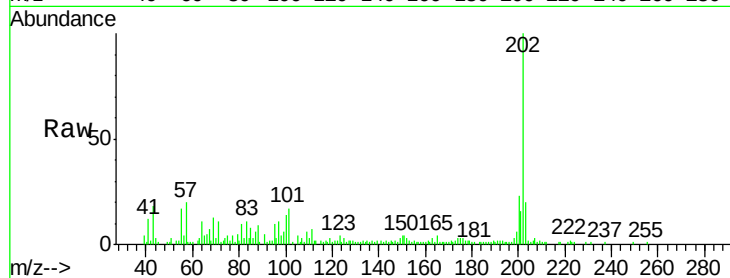
Tgt Ion:202 Resp: 58265

Ion Ratio Lower Upper

202 100

101 16.5 0.0 32.3

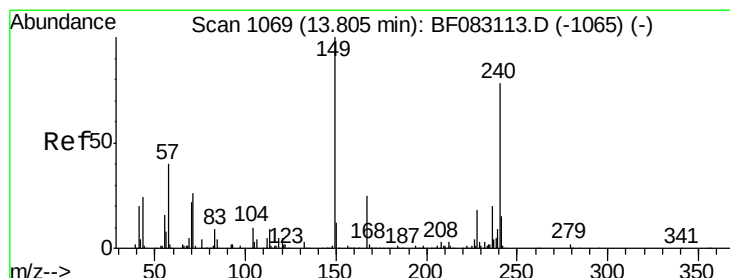
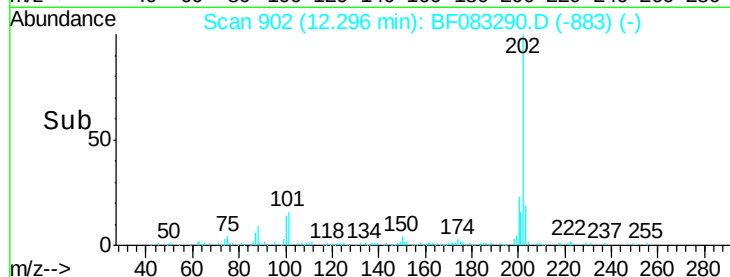
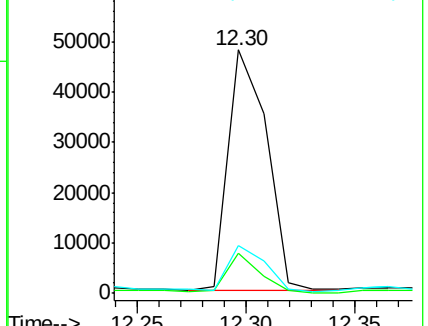
203 19.7 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1027

Delta R.T. -0.08 min

Lab File: BF083290.D

Acq: 25 Nov 2015 23:18

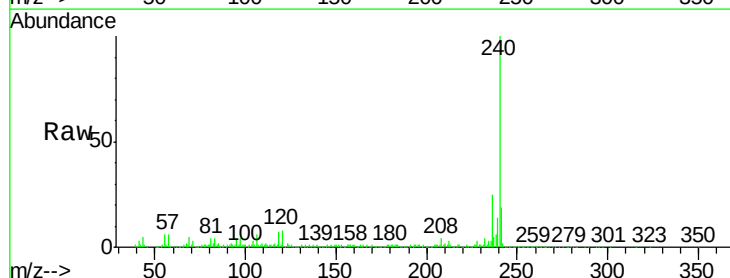
Tgt Ion:240 Resp: 384997

Ion Ratio Lower Upper

240 100

120 7.8 5.4 8.2

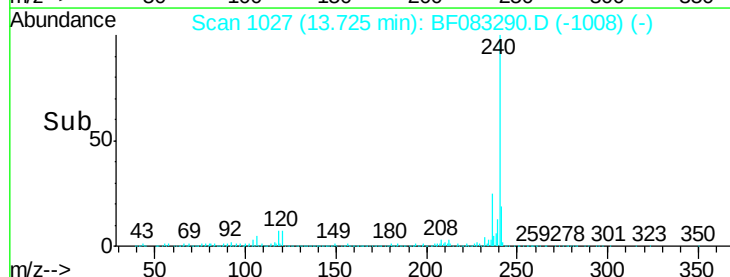
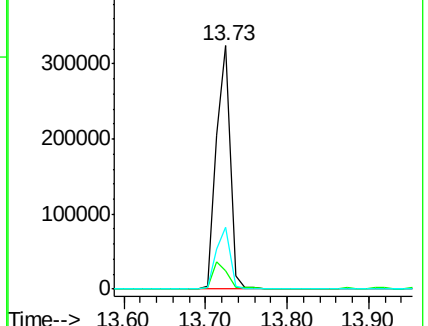
236 25.5 20.6 31.0

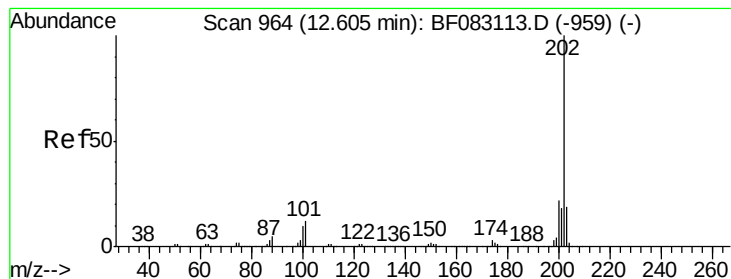


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.93 ng

RT: 12.52 min Scan# 922

Delta R.T. -0.08 min

Lab File: BF083290.D

Acq: 25 Nov 2015 23:18

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB2

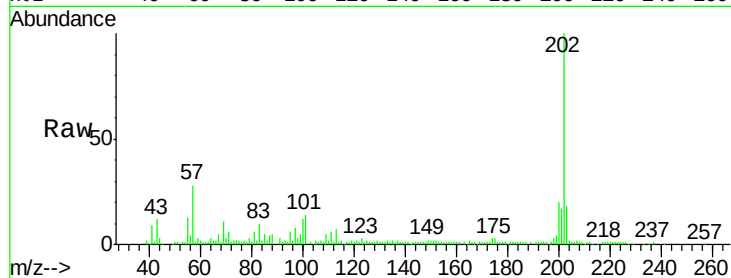
Tgt Ion:202 Resp: 77034

Ion Ratio Lower Upper

202 100

200 20.3 17.8 26.6

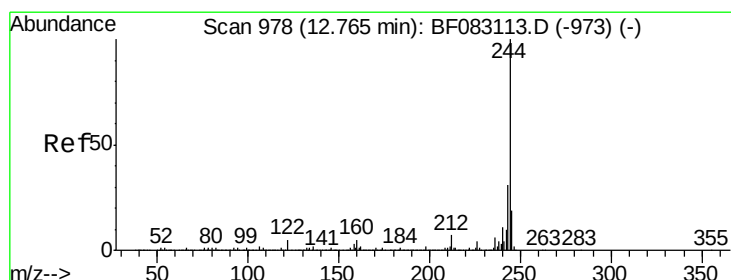
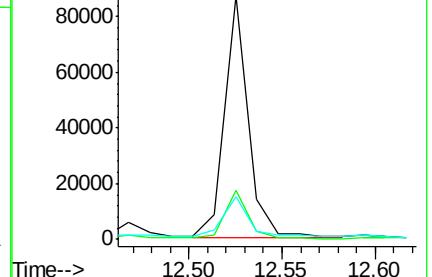
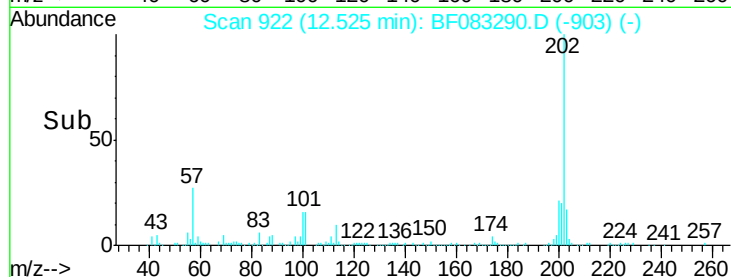
203 17.6 15.0 22.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.90 ng

RT: 12.69 min Scan# 936

Delta R.T. -0.08 min

Lab File: BF083290.D

Acq: 25 Nov 2015 23:18

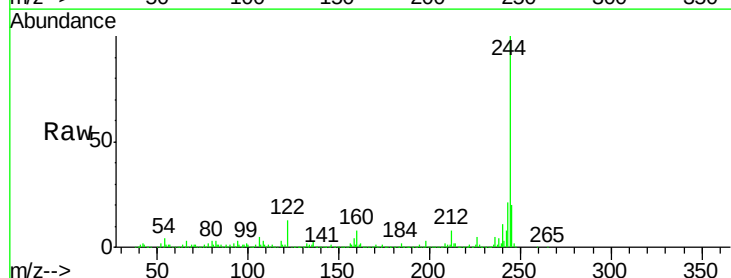
Tgt Ion:244 Resp: 1240955

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.2

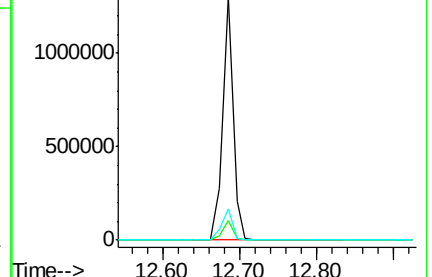
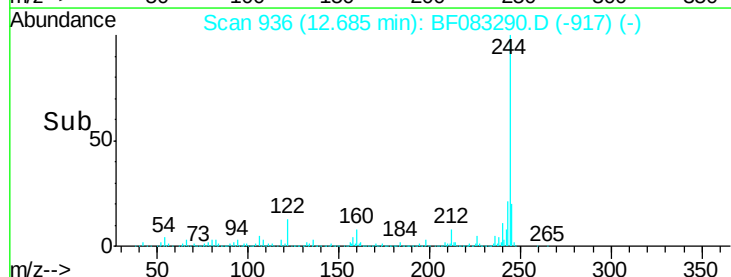
122 13.0 4.3 6.5#

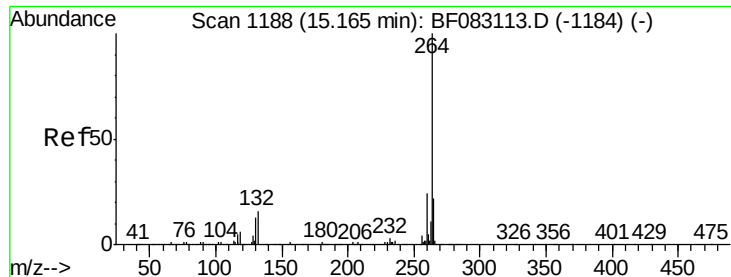


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

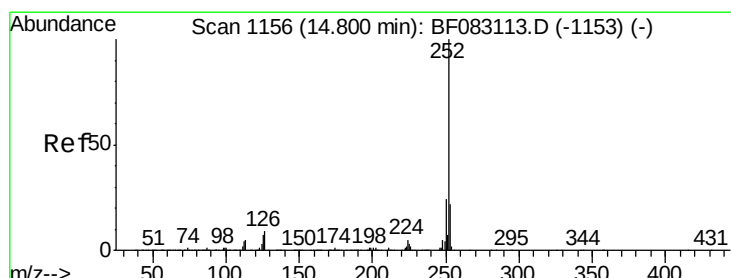
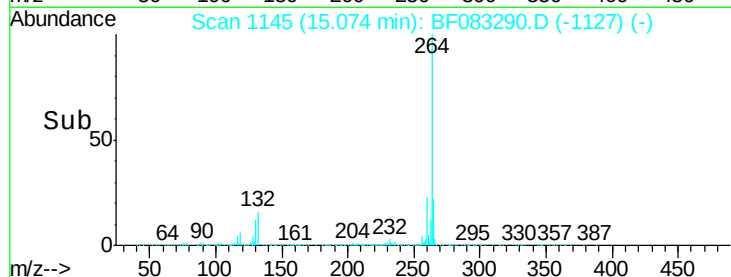
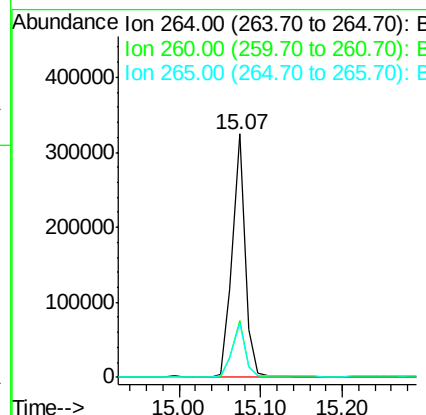
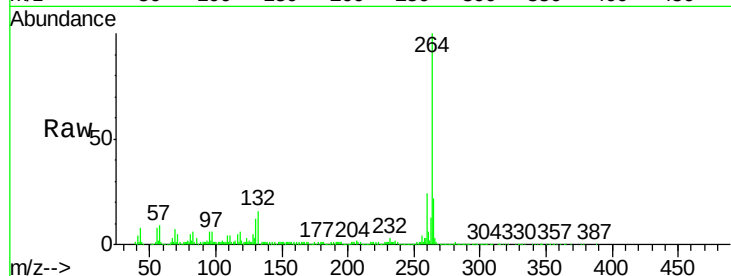




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1145
Delta R.T. -0.09 min
Lab File: BF083290.D
Acq: 25 Nov 2015 23:18

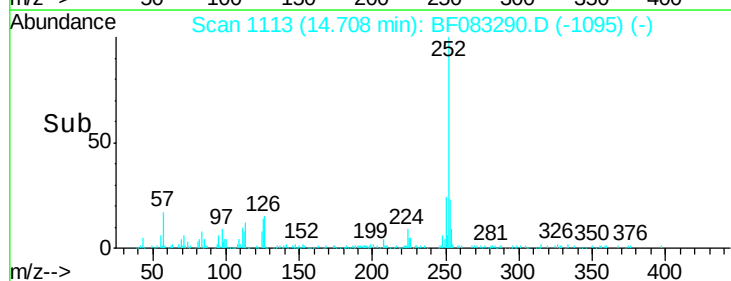
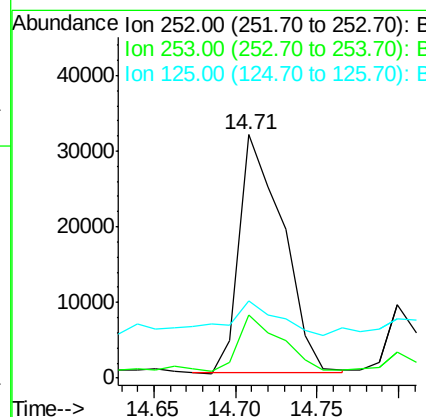
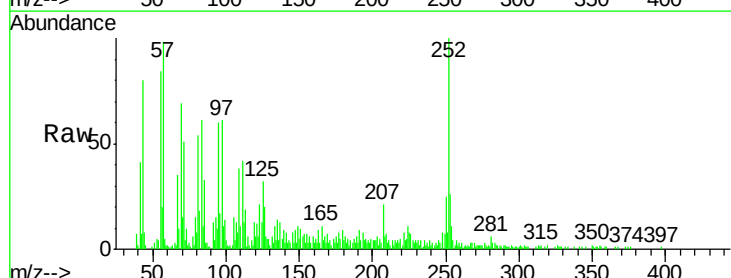
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-GRAB2

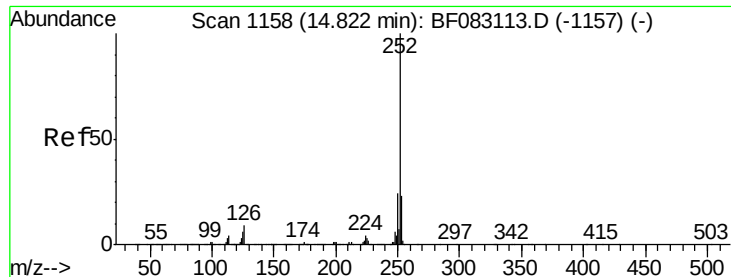
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	22.4	18.2	27.4



#87
Benzo(b)fluoranthene
Concen: 2.37 ng
RT: 14.71 min Scan# 1113
Delta R.T. -0.09 min
Lab File: BF083290.D
Acq: 25 Nov 2015 23:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.7	26.5
125	31.7	5.6	8.4#





#88

Benzo(k)fluoranthene

Concen: 3.18 ng

RT: 14.71 min Scan# 1113

Delta R.T. -0.11 min

Lab File: BF083290.D

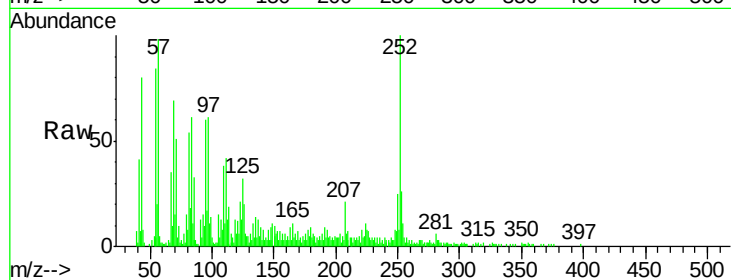
Acq: 25 Nov 2015 23:18

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRAB2



Tgt Ion:	252	Resp:	57717
Ion Ratio	Lower	Upper	
252	100		
253	25.9	18.2	27.2
125	31.7	6.8	10.2

