

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081943.D
 Acq On : 1 Oct 2015 17:10
 Operator : UM/IZ
 Sample : PB85644BL
 Misc : LOD/LOQ
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85644BL

Quant Time: Oct 02 01:43:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

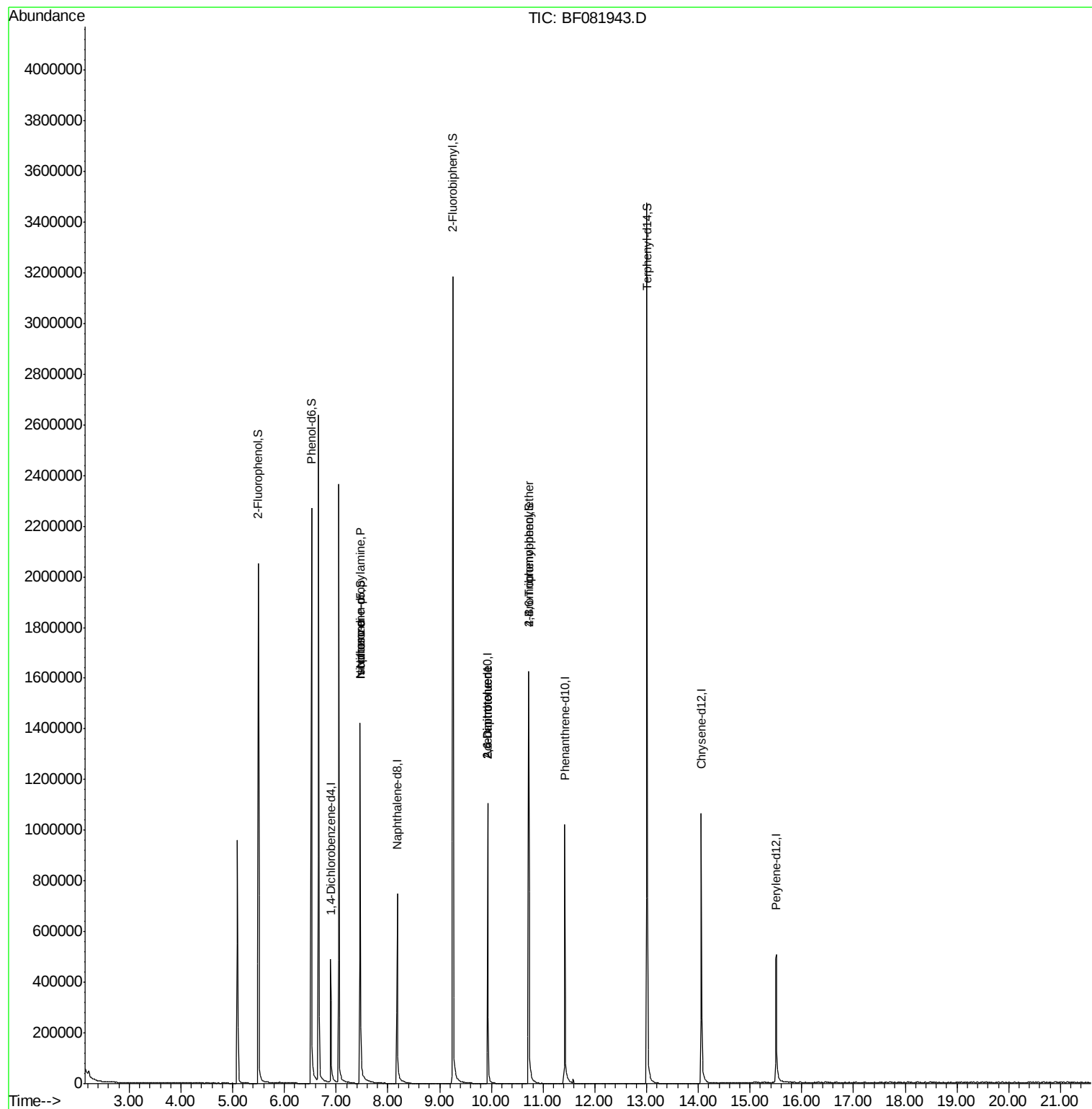
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	120742	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	481949	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	248140	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	499726	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	503468	20.00	ng	-0.06
86) Perylene-d12	15.51	264	371509	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	716585	107.74	ng	-0.02
7) Phenol-d6	6.53	99	1001447	119.65	ng	-0.03
23) Nitrobenzene-d5	7.46	82	619861	85.73	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	274574	109.26	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	1191625	79.32	ng	-0.05
78) Terphenyl-d14	13.01	244	1272187	80.40	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	76631	15.06	ng	# 57
25) Isophorone	7.46	82	504669	35.22	ng	# 58
50) 2,6-Dinitrotoluene	9.93	165	30183	8.12	ng	# 39
56) 2,4-Dinitrotoluene	9.93	165	30718	6.48	ng	# 33
57) Fluorene	10.72	166	10396	Below Cal		# 80
66) 4-Bromophenyl-phenylether	10.72	248	17088	3.39	ng	# 1
73) Di-n-butylphthalate	11.98	149	397	Below Cal		# 78

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081943.D

Acq: 1 Oct 2015 17:10

Instrument :

BNA_F

ClientSampleId :

PB85644BL

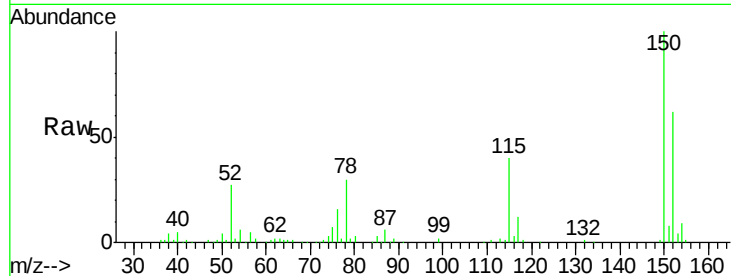
Tgt Ion:152 Resp: 120742

Ion Ratio Lower Upper

152 100

150 160.2 124.7 187.1

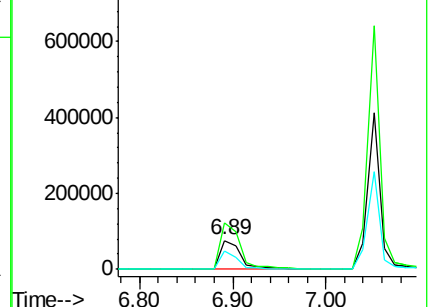
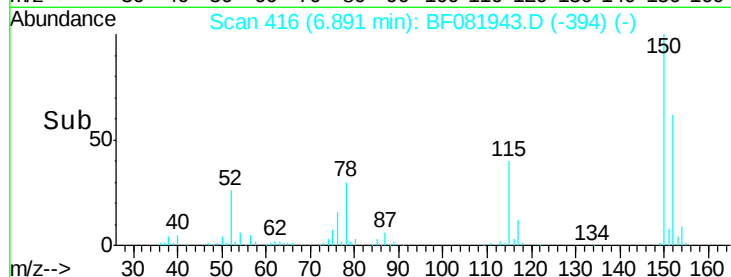
115 63.9 39.0 58.4#



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: 107.74 ng

RT: 5.50 min Scan# 294

Delta R.T. -0.02 min

Lab File: BF081943.D

Acq: 1 Oct 2015 17:10

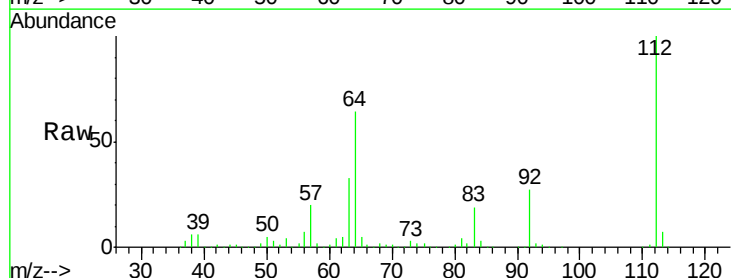
Tgt Ion:112 Resp: 716585

Ion Ratio Lower Upper

112 100

64 64.0 39.7 59.5#

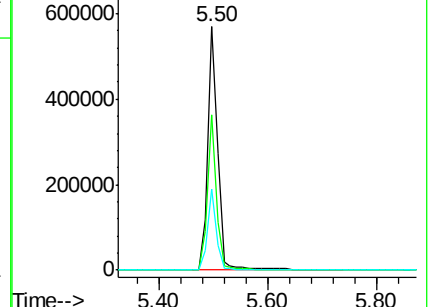
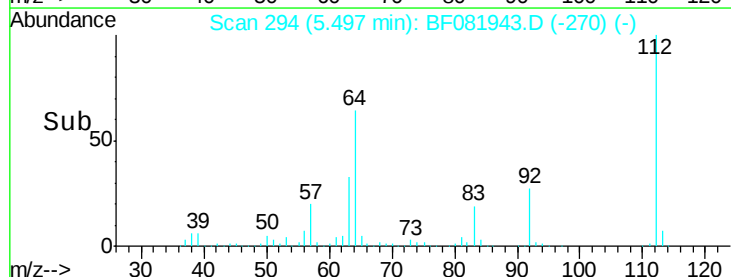
63 33.3 17.4 26.0#

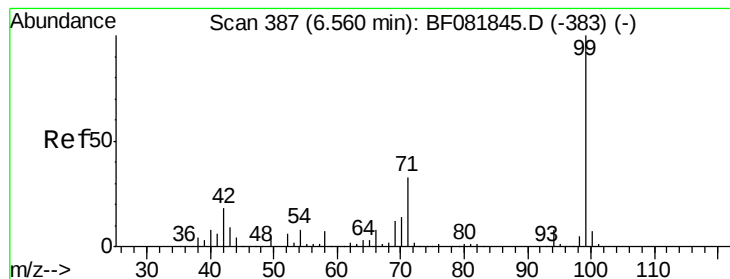


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.65 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081943.D

Acq: 1 Oct 2015 17:10

Instrument :

BNA_F

ClientSampled :

PB85644BL

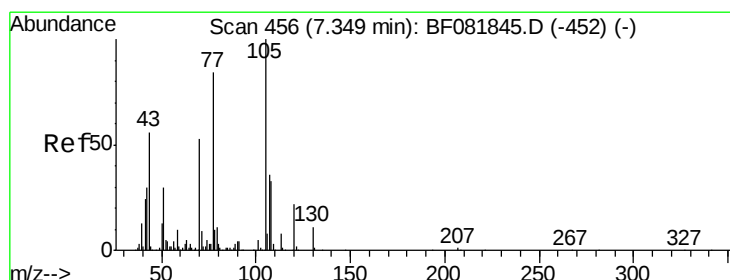
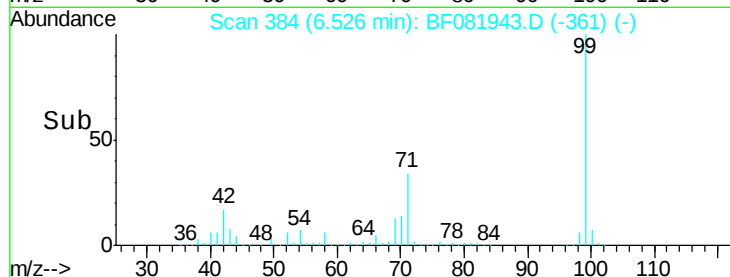
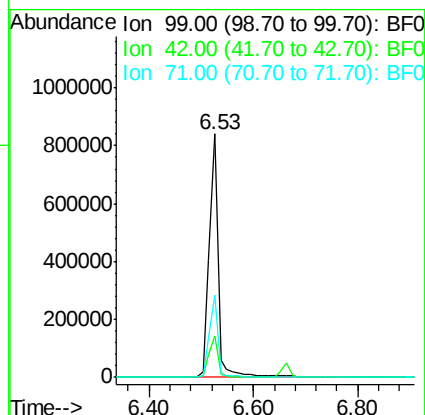
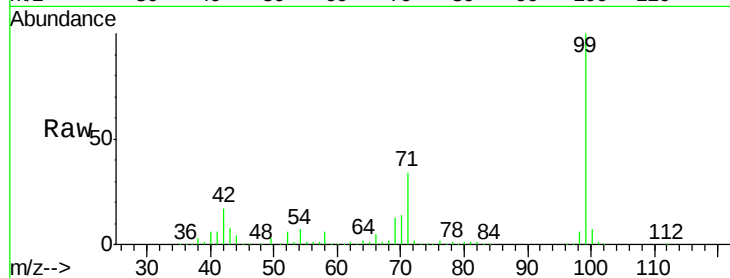
Tgt Ion: 99 Resp: 1001447

Ion Ratio Lower Upper

99 100

42 16.8 13.7 20.5

71 33.6 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 15.06 ng

RT: 7.46 min Scan# 466

Delta R.T. 0.11 min

Lab File: BF081943.D

Acq: 1 Oct 2015 17:10

Tgt Ion: 70 Resp: 76631

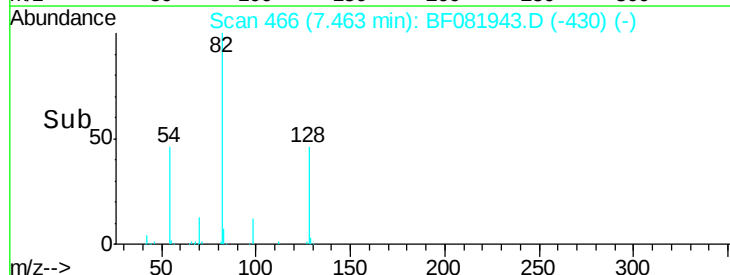
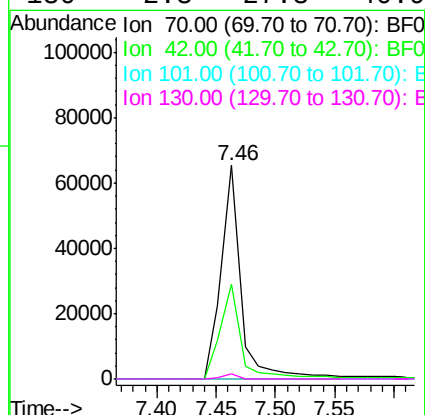
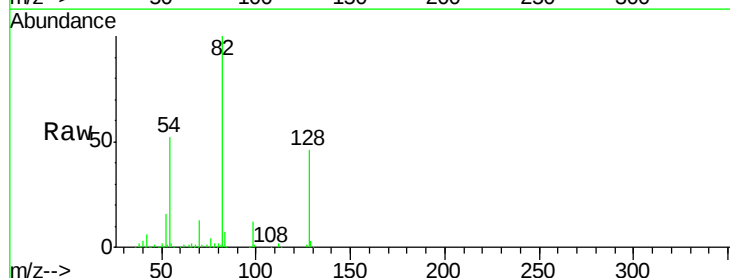
Ion Ratio Lower Upper

70 100

42 44.5 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

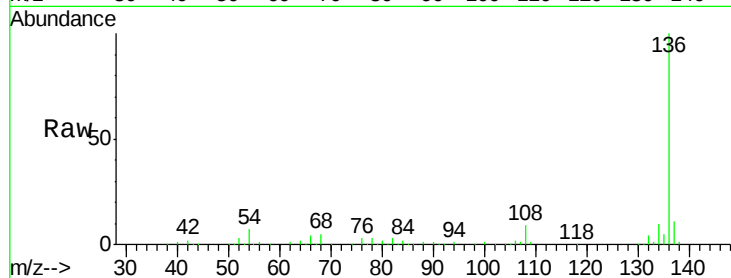




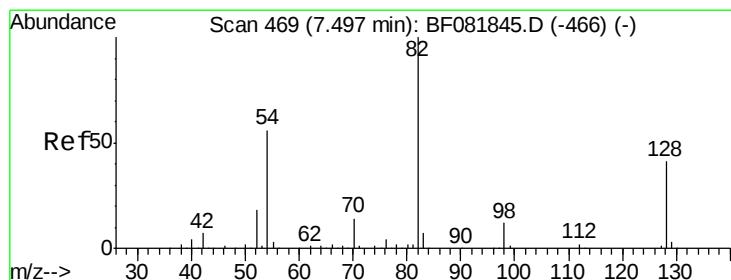
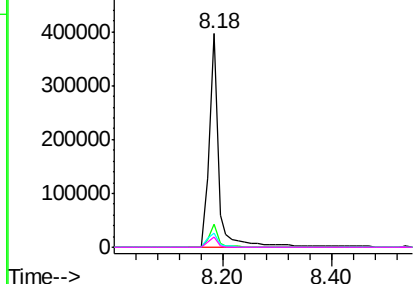
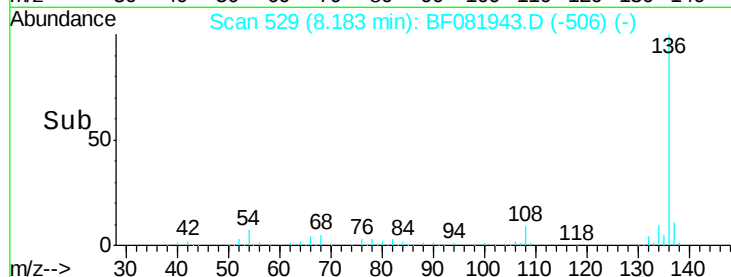
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF081943.D
Acq: 1 Oct 2015 17:10

Instrument :
BNA_F
ClientSampleId :
PB85644BL

Tgt Ion: 136 Resp: 481949
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 6.8 8.2 12.2#
68 5.0 5.8 8.6#

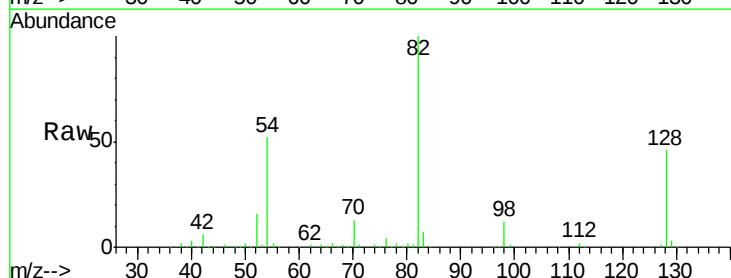


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

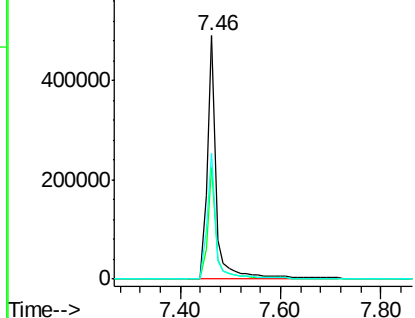
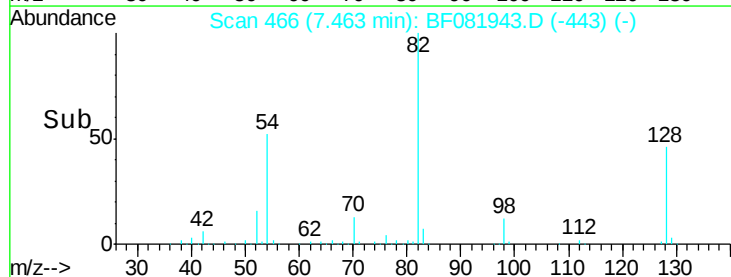


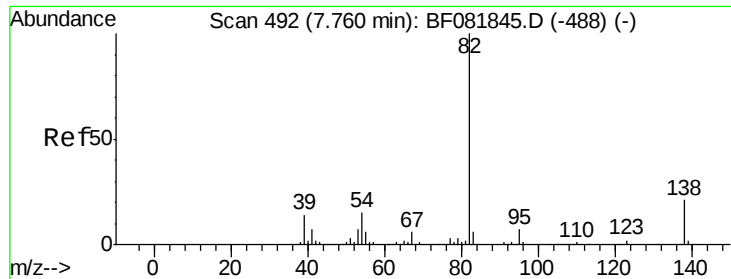
#23
Nitrobenzene-d5
Concen: 85.73 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF081943.D
Acq: 1 Oct 2015 17:10

Tgt Ion: 82 Resp: 619861
Ion Ratio Lower Upper
82 100
128 46.1 51.0 76.6#
54 51.8 47.5 71.3



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

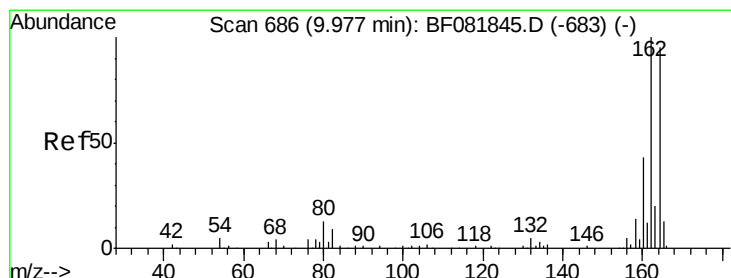
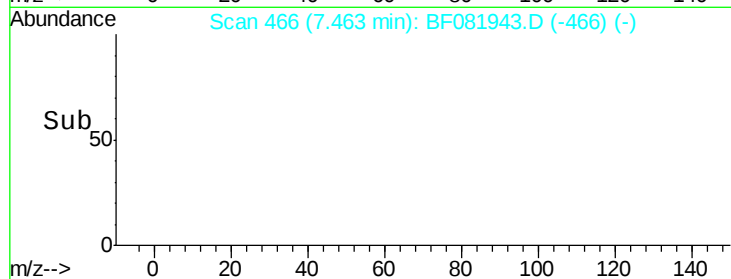
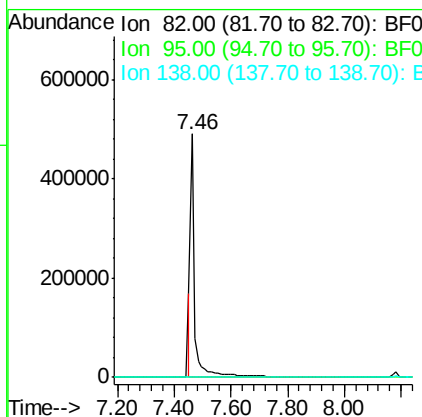
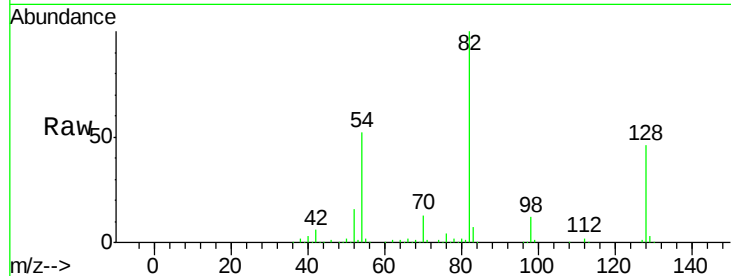




#25
Isophorone
Concen: 35.22 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.30 min
Lab File: BF081943.D
Acq: 1 Oct 2015 17:10

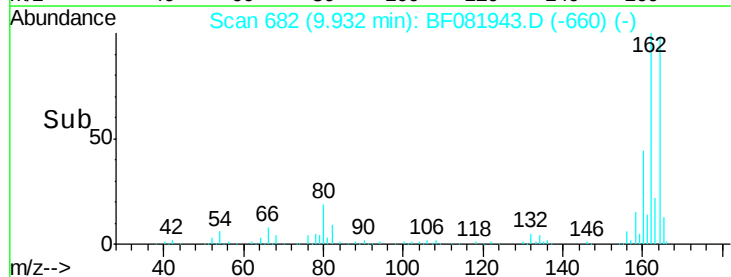
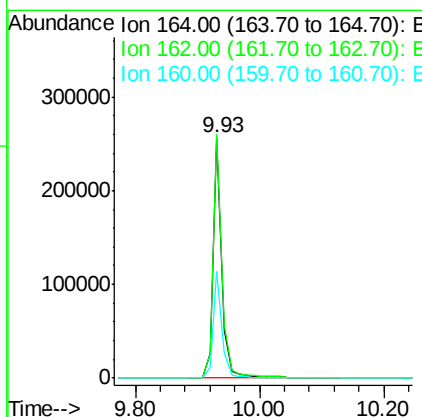
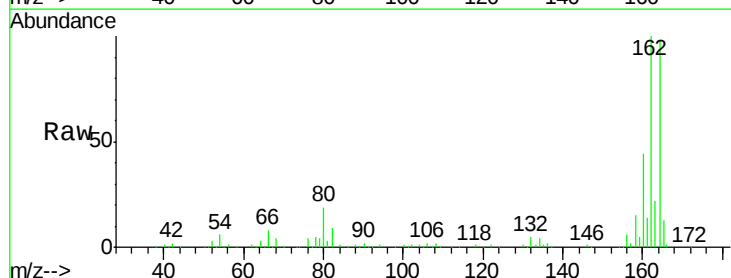
Instrument :
BNA_F
ClientSampleId :
PB85644BL

Tgt Ion: 82 Resp: 504669
Ion Ratio Lower Upper
82 100
95 0.0 4.0 6.0#
138 0.0 18.3 27.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF081943.D
Acq: 1 Oct 2015 17:10

Tgt Ion: 164 Resp: 248140
Ion Ratio Lower Upper
164 100
162 101.5 75.2 112.8
160 44.5 31.5 47.3

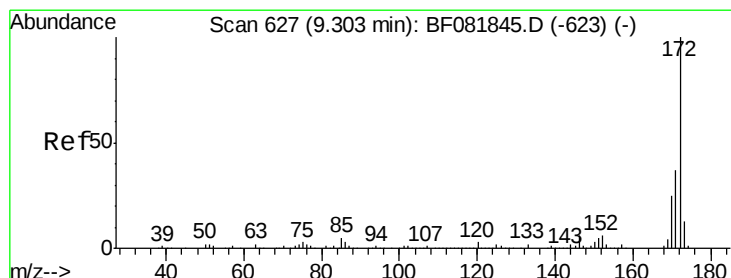
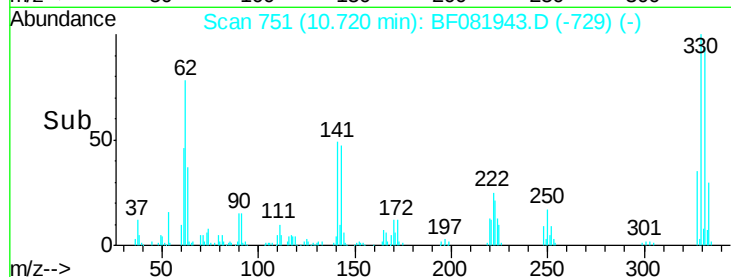
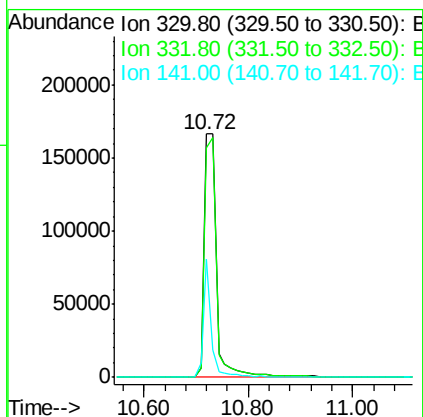
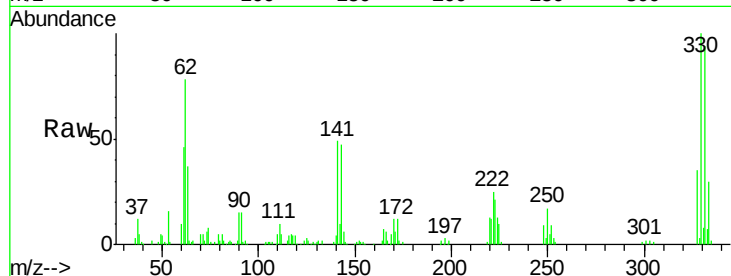




#41
 2,4,6-Tribromophenol
 Concen: 109.26 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.05 min
 Lab File: BF081943.D
 Acq: 1 Oct 2015 17:10

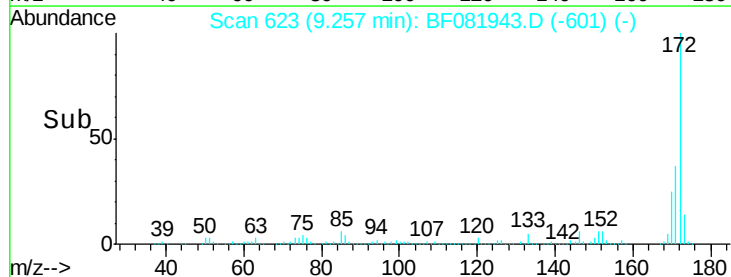
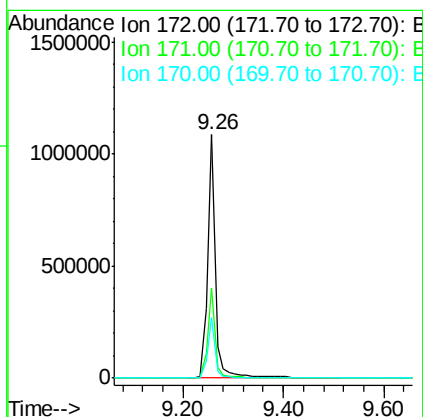
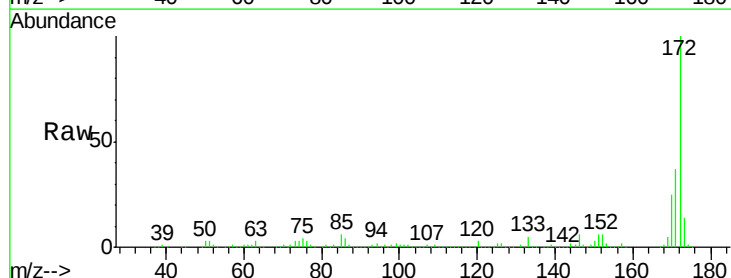
Instrument :
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 ClientSampleId :
 PB85644BL

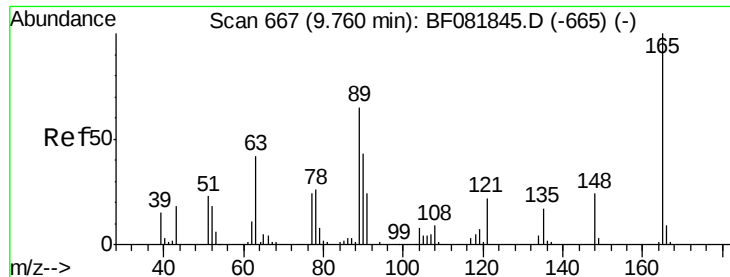
Tgt Ion:330 Resp: 274574
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 31.9 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 79.32 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081943.D
 Acq: 1 Oct 2015 17:10

Tgt Ion:172 Resp: 1191625
 Ion Ratio Lower Upper
 172 100
 171 36.8 26.1 39.1
 170 25.1 17.4 26.2

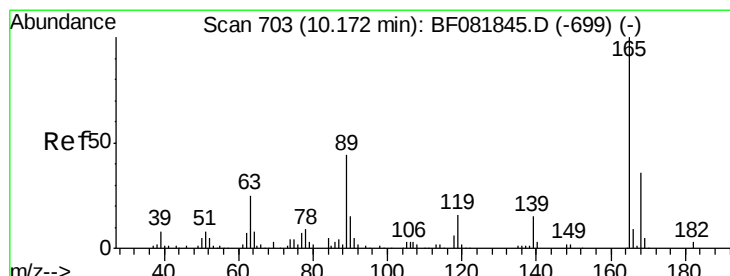
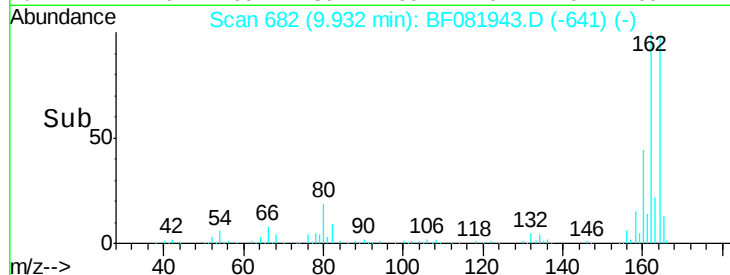
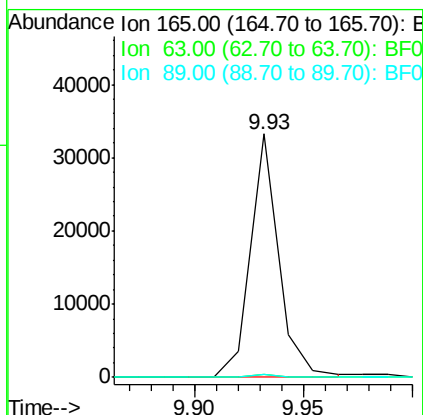
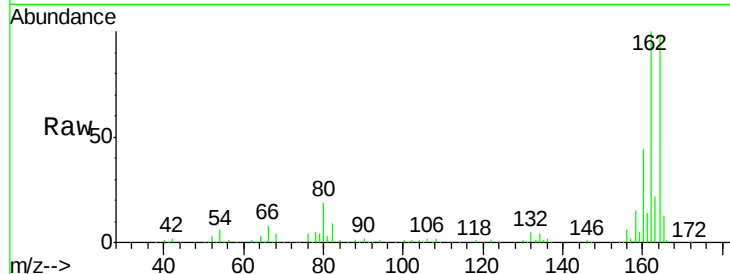




#50
 2,6-Dinitrotoluene
 Concen: 8.12 ng
 RT: 9.93 min Scan# 682
 Delta R.T. 0.17 min
 Lab File: BF081943.D
 Acq: 1 Oct 2015 17:10

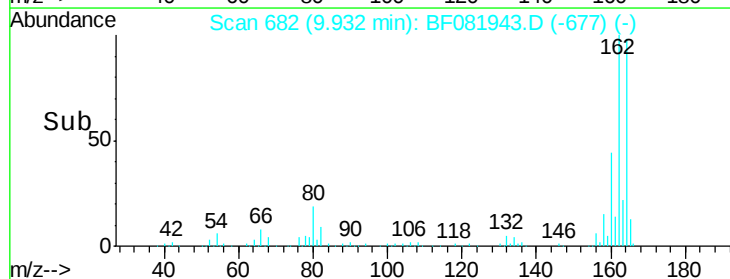
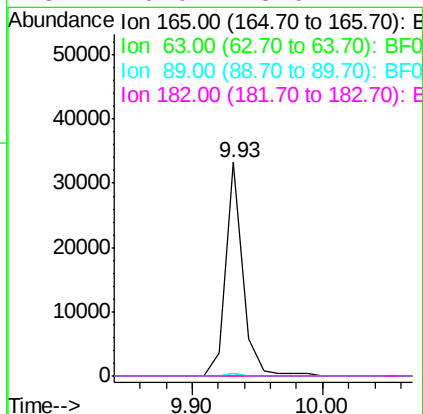
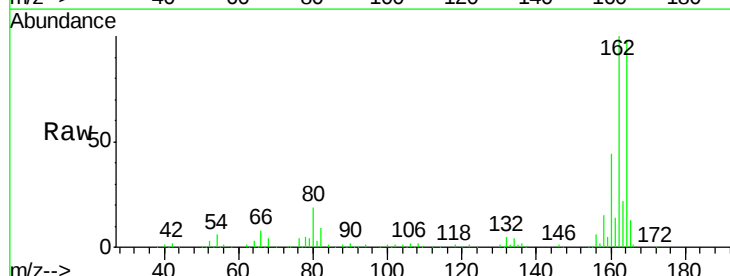
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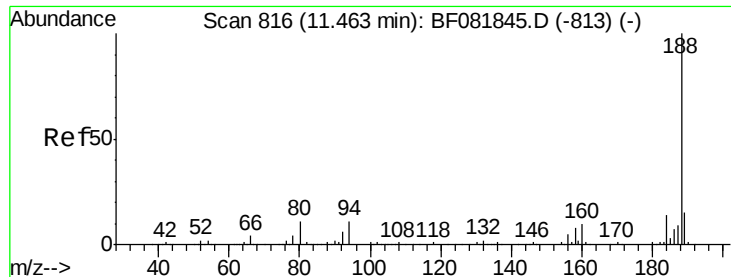
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.3	48.5#
89	1.3	28.6	43.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.48 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.24 min
 Lab File: BF081943.D
 Acq: 1 Oct 2015 17:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.8	44.6#
89	1.3	44.5	66.7#
182	0.0	3.0	4.4#

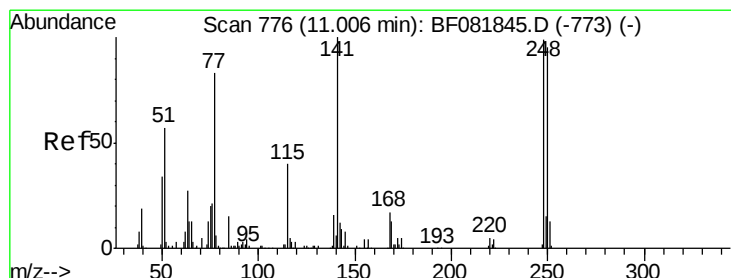
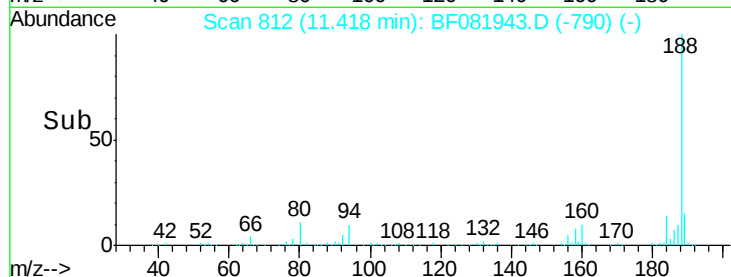
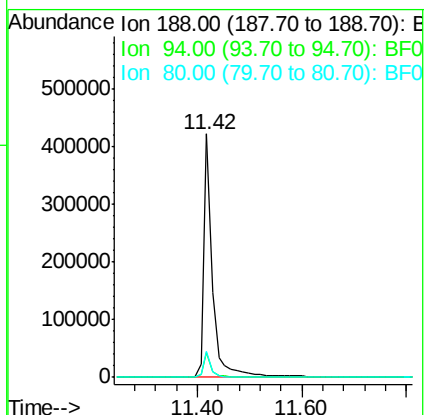
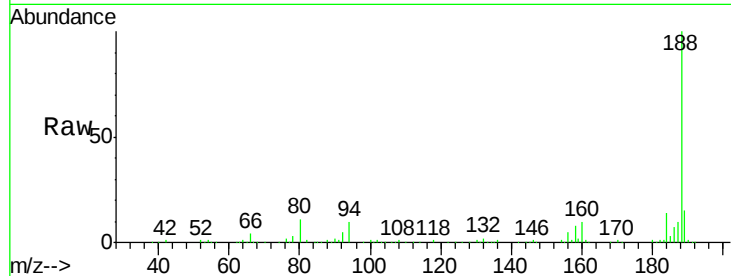




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF081943.D
Acq: 1 Oct 2015 17:10

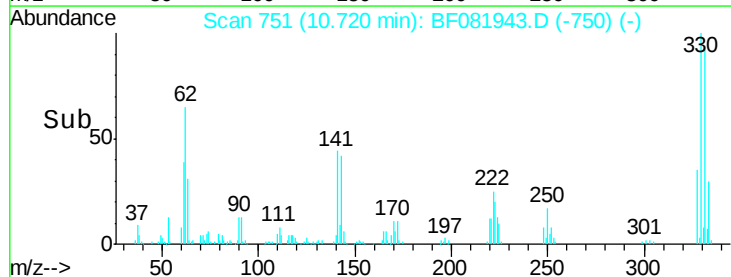
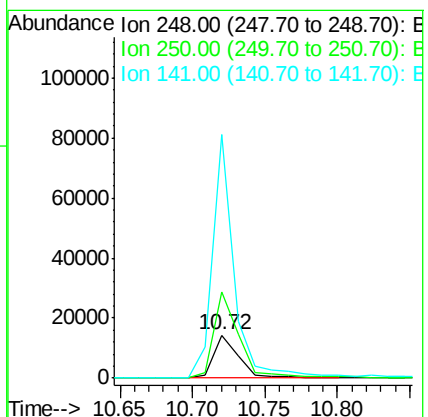
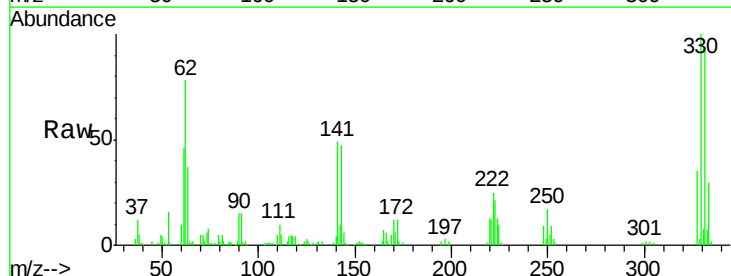
Instrument :
BNA_F
ClientSampleId :
PB85644BL

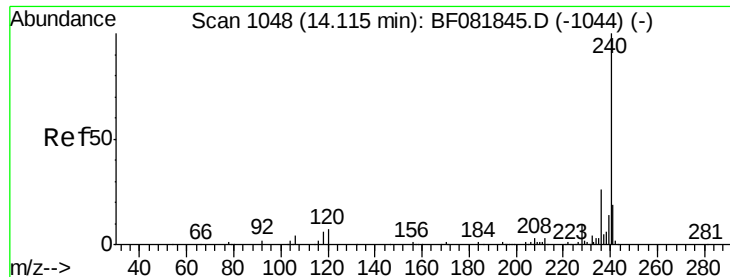
Tgt Ion:188 Resp: 499726
Ion Ratio Lower Upper
188 100
94 9.9 11.1 16.7#
80 10.5 11.0 16.4#



#66
4-Bromophenyl-phenylether
Concen: 3.39 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.29 min
Lab File: BF081943.D
Acq: 1 Oct 2015 17:10

Tgt Ion:248 Resp: 17088
Ion Ratio Lower Upper
248 100
250 201.8 78.5 117.7#
141 570.2 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF081943.D

Acq: 1 Oct 2015 17:10

Instrument :

BNA_F

ClientSampleId :

PB85644BL

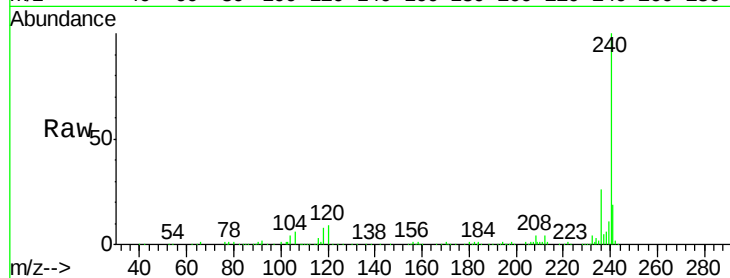
Tgt Ion:240 Resp: 503468

Ion Ratio Lower Upper

240 100

120 9.4 16.2 24.2#

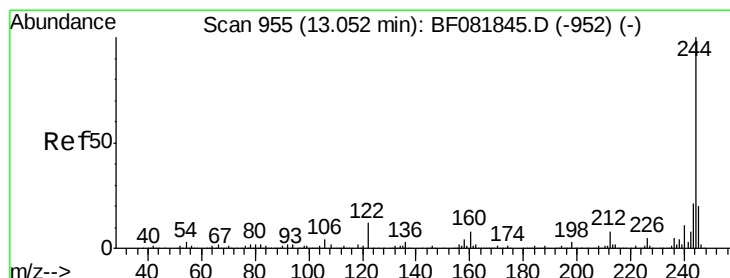
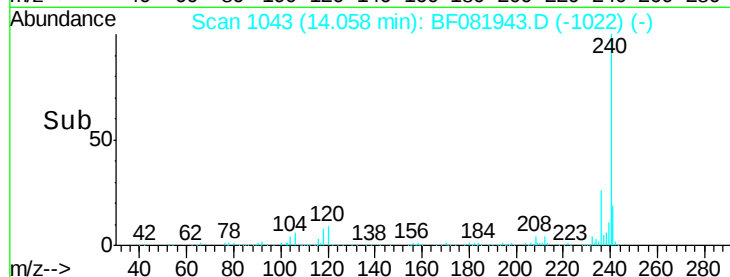
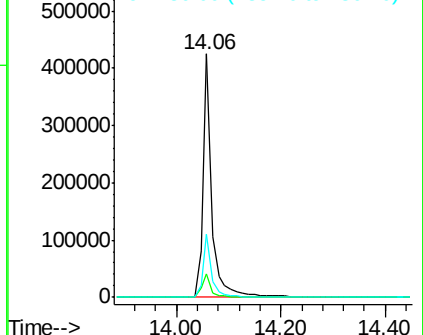
236 26.1 18.4 27.6



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: 80.40 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.05 min

Lab File: BF081943.D

Acq: 1 Oct 2015 17:10

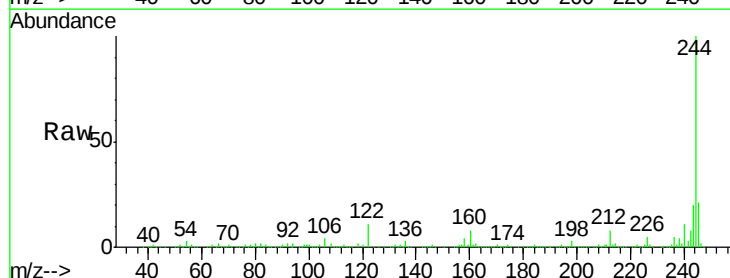
Tgt Ion:244 Resp: 1272187

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

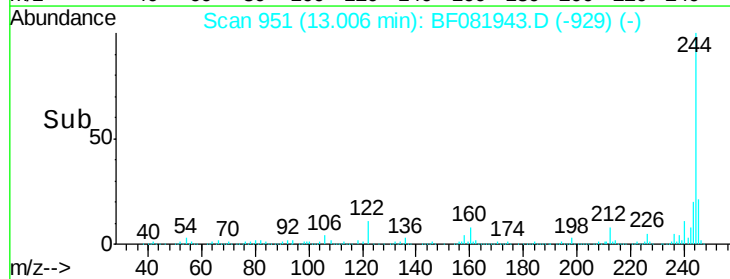
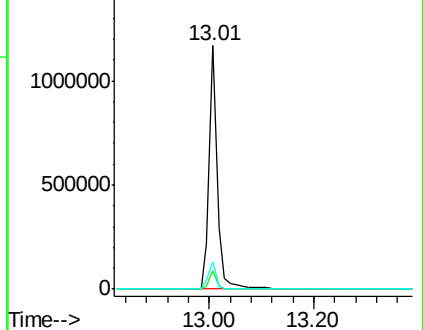
122 11.2 17.4 26.2#

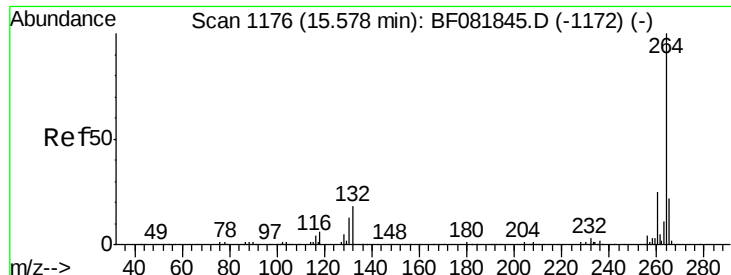


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

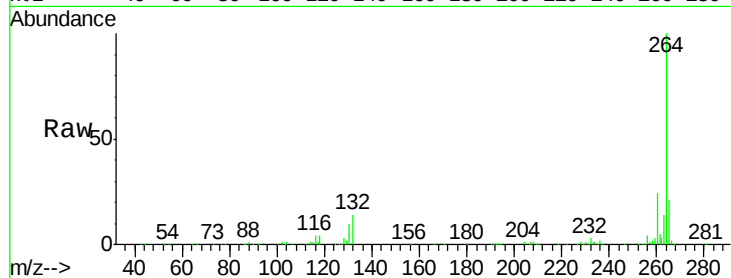




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.07 min
Lab File: BF081943.D
Acq: 1 Oct 2015 17:10

Instrument :
BNA_F
ClientSampleId :
PB85644BL

Tgt Ion: 264 Resp: 371509
Ion Ratio Lower Upper
264 100
260 23.8 16.7 25.1
265 20.8 17.2 25.8



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

