

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
 Data File : BF083470.D
 Acq On : 3 Dec 2015 20:19
 Operator : UM/IZ
 Sample : G4573-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K207-35-37

Quant Time: Dec 04 00:32:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

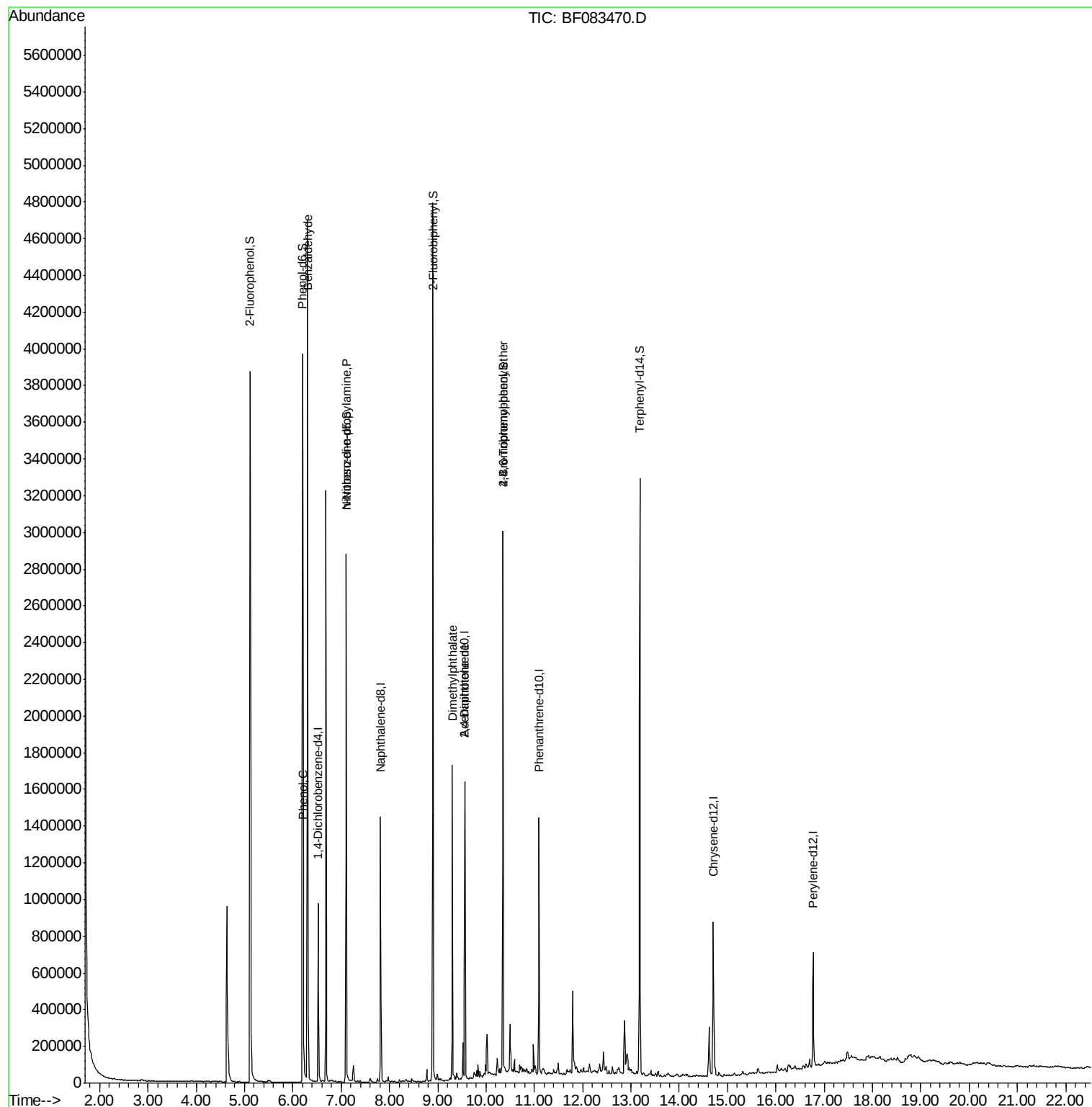
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	164305	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	635770	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	323091	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	545496	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	397631	20.00	ng	-0.06
86) Perylene-d12	16.77	264	338520	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	1171288	106.97	ng	-0.01
7) Phenol-d6	6.20	99	1528725	102.00	ng	-0.02
23) Nitrobenzene-d5	7.10	82	1060019	73.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	323460	99.73	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1453185	64.10	ng	-0.02
78) Terphenyl-d14	13.19	244	1362851	81.74	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.30	77	31822	2.57	ng	Qvalue 79
10) Phenol	6.21	94	42404	2.35	ng	# 48
19) n-Nitroso-di-n-propylamine	7.10	70	143276	13.37	ng	# 79
49) Dimethylphthalate	9.30	163	617746	23.53	ng	99
56) 2,4-Dinitrotoluene	9.56	165	41618	5.85	ng	# 6
66) 4-Bromophenyl-phenylether	10.35	248	23578	3.95	ng	# 1

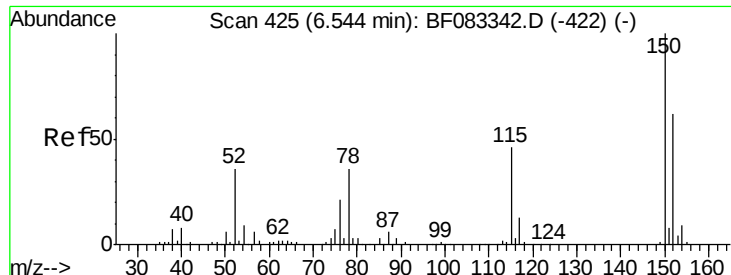
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF083470.D

Acq: 3 Dec 2015 20:19

Instrument :

BNA_F

ClientSampleId :

K207-35-37

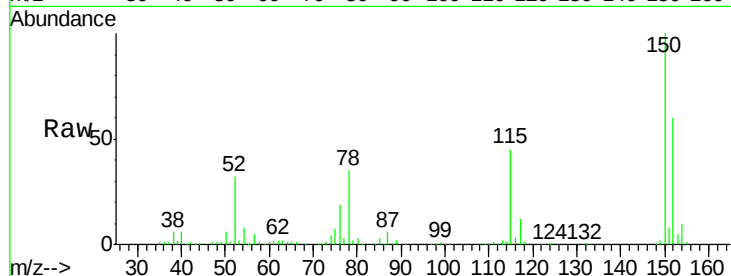
Tgt Ion:152 Resp: 164305

Ion Ratio Lower Upper

152 100

150 166.5 129.8 194.8

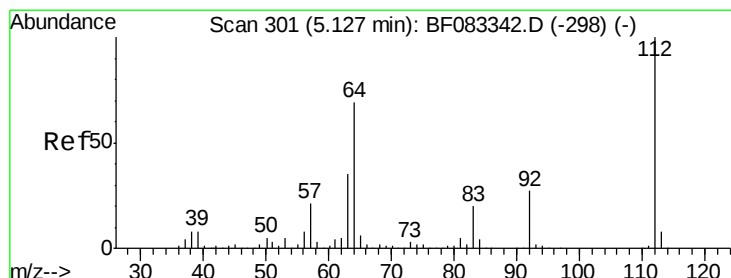
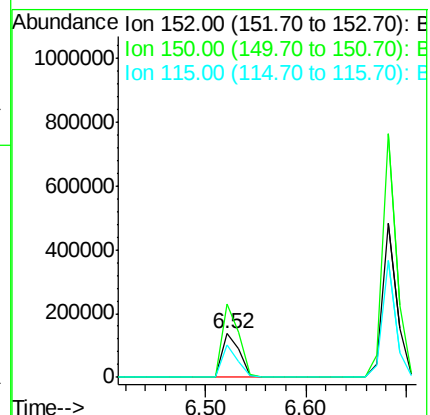
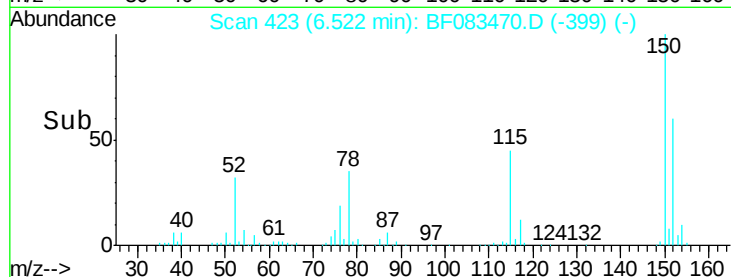
115 74.7 59.2 88.8



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: 106.97 ng

RT: 5.12 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083470.D

Acq: 3 Dec 2015 20:19

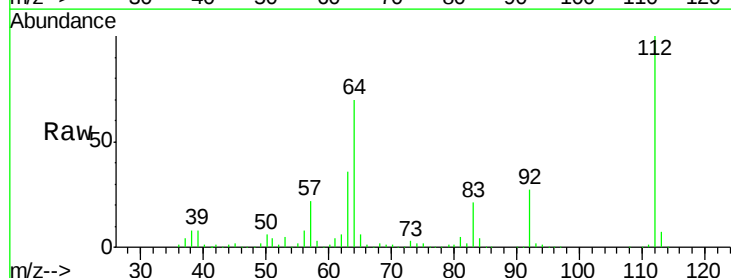
Tgt Ion:112 Resp: 1171288

Ion Ratio Lower Upper

112 100

64 70.4 55.6 83.4

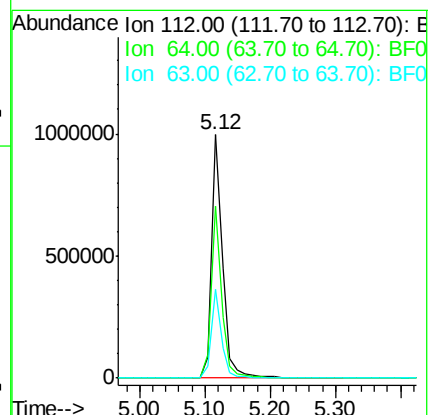
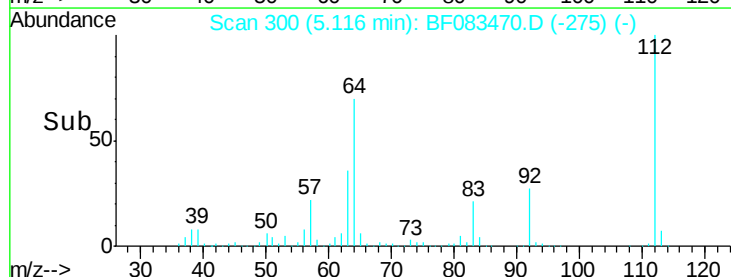
63 36.3 28.2 42.2

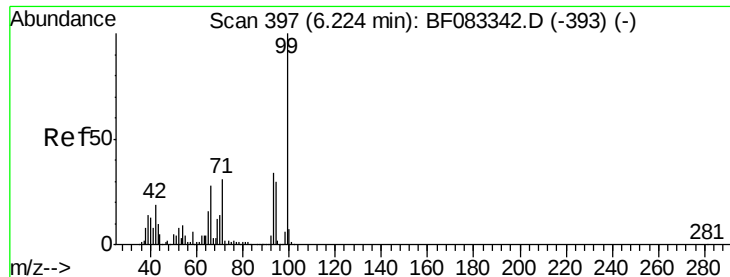


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.00 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF083470.D

Acq: 3 Dec 2015 20:19

Instrument :

BNA_F

ClientSampleId :

K207-35-37

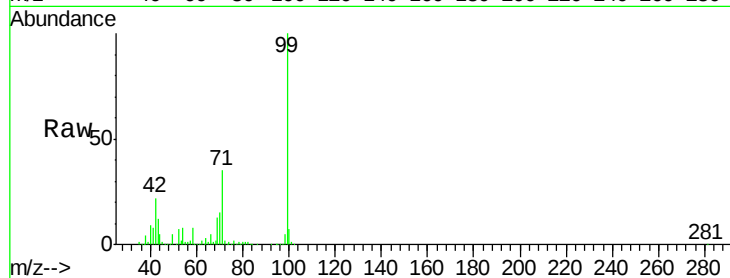
Tgt Ion: 99 Resp: 1528725

Ion Ratio Lower Upper

99 100

42 22.2 14.9 22.3

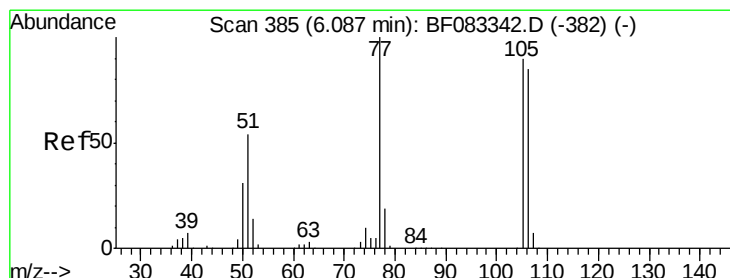
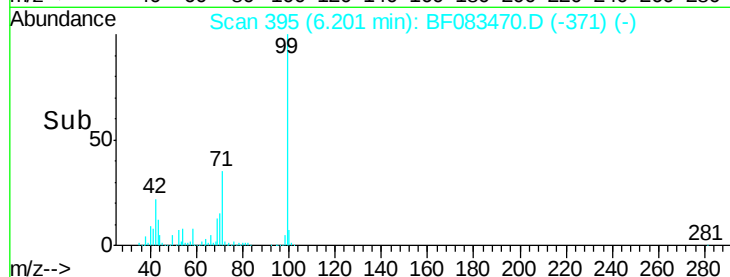
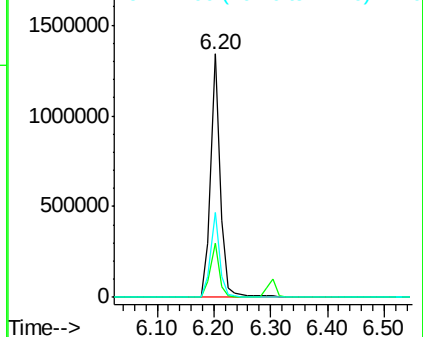
71 35.0 24.7 37.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 2.57 ng

RT: 6.30 min Scan# 404

Delta R.T. 0.22 min

Lab File: BF083470.D

Acq: 3 Dec 2015 20:19

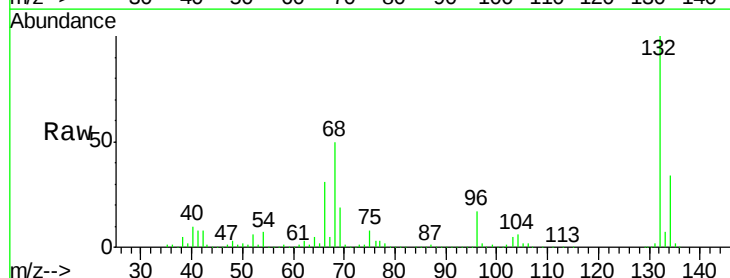
Tgt Ion: 77 Resp: 31822

Ion Ratio Lower Upper

77 100

105 71.5 70.0 110.0

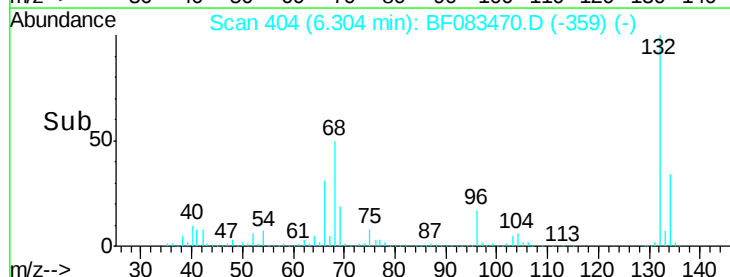
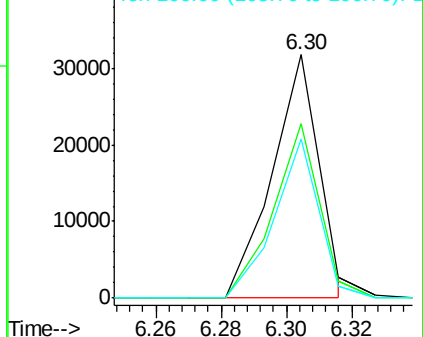
106 65.2 65.0 105.0

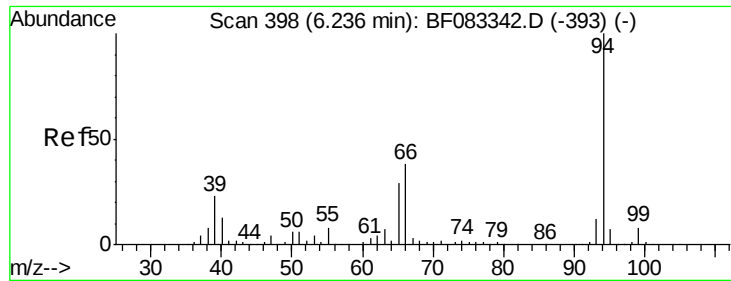


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.35 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.02 min

Lab File: BF083470.D

Acq: 3 Dec 2015 20:19

Instrument :

BNA_F

ClientSampleId :

K207-35-37

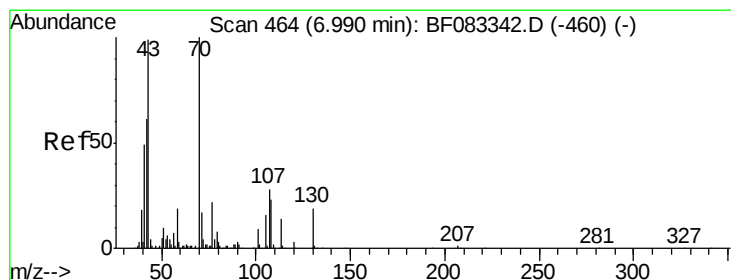
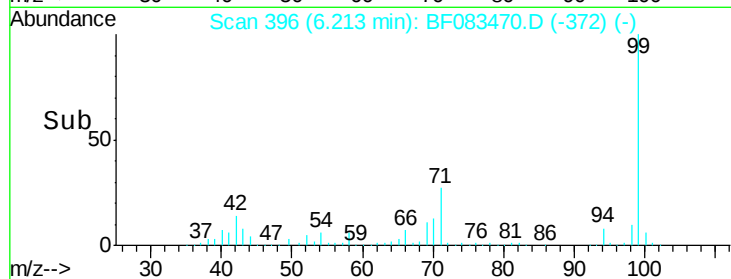
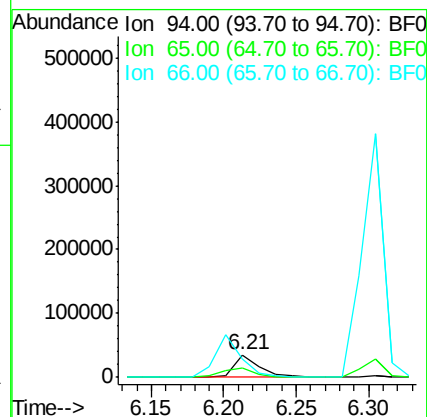
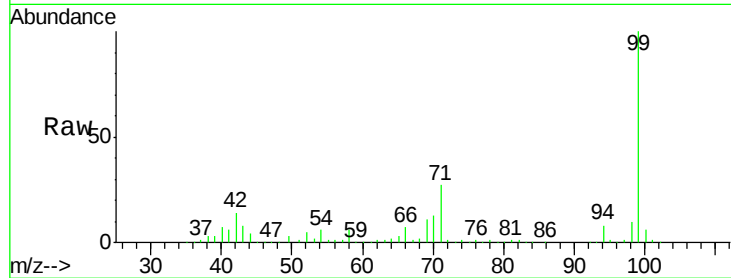
Tgt Ion: 94 Resp: 42404

Ion Ratio Lower Upper

94 100

65 41.7 9.5 49.5

66 83.3 17.9 57.9#



#19

n-Nitroso-di-n-propylamine

Concen: 13.37 ng

RT: 7.10 min Scan# 474

Delta R.T. 0.11 min

Lab File: BF083470.D

Acq: 3 Dec 2015 20:19

Tgt Ion: 70 Resp: 143276

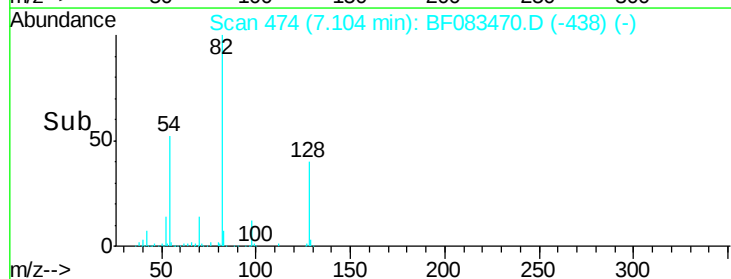
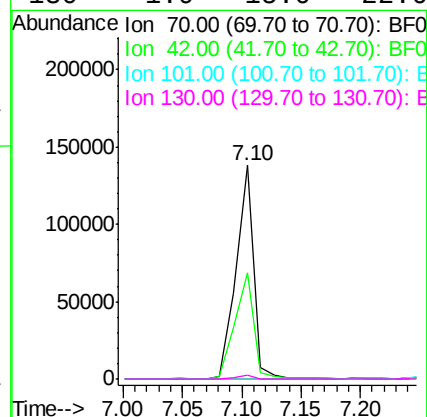
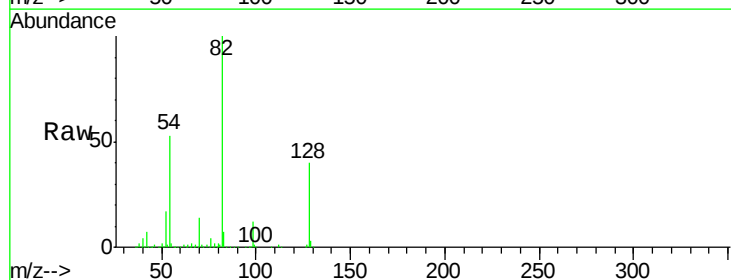
Ion Ratio Lower Upper

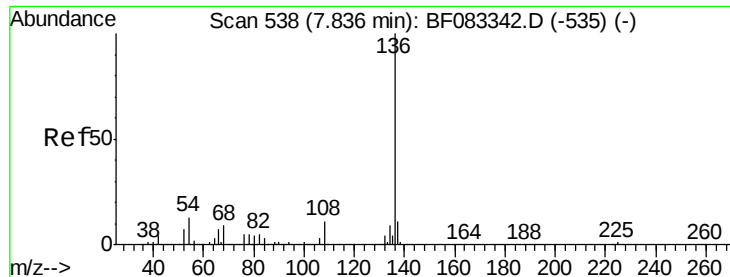
70 100

42 49.6 48.8 73.2

101 0.0 7.1 10.7#

130 1.9 15.0 22.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF083470.D

Acq: 3 Dec 2015 20:19

Instrument :

BNA_F

ClientSampled :

K207-35-37

Tgt Ion: 136 Resp: 635770

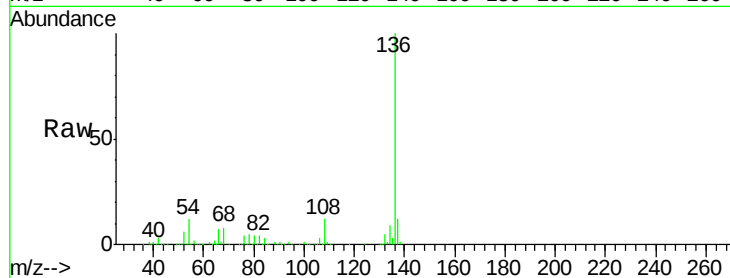
Ion Ratio Lower Upper

136 100

137 11.7 9.0 13.4

54 11.8 10.1 15.1

68 8.3 7.1 10.7

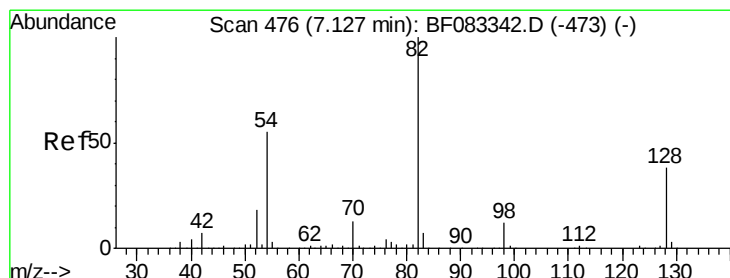
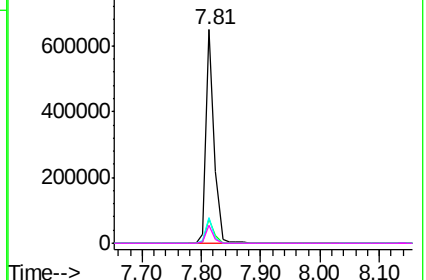
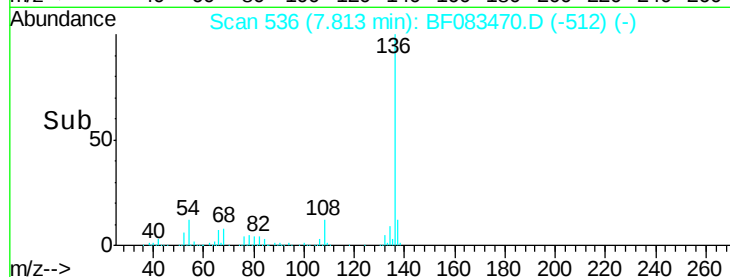


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.29 ng

RT: 7.10 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF083470.D

Acq: 3 Dec 2015 20:19

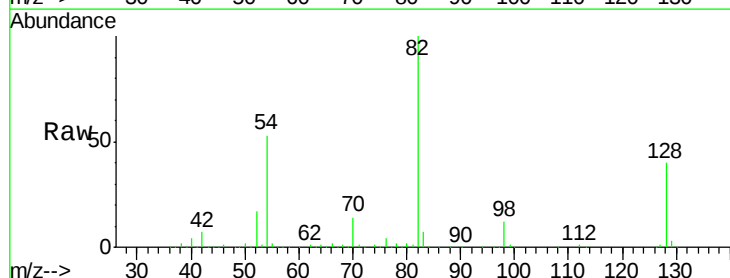
Tgt Ion: 82 Resp: 1060019

Ion Ratio Lower Upper

82 100

128 39.8 30.6 46.0

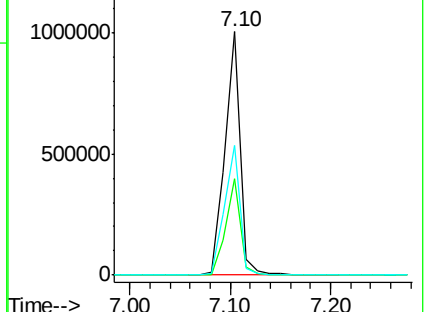
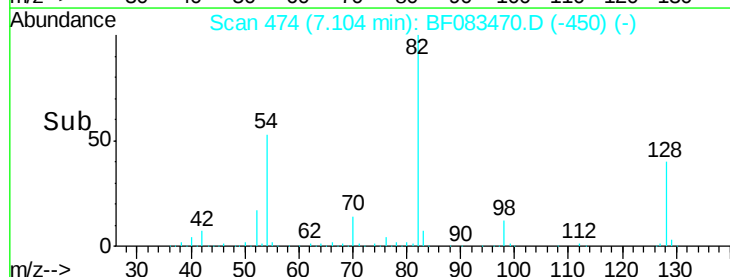
54 53.3 43.8 65.6

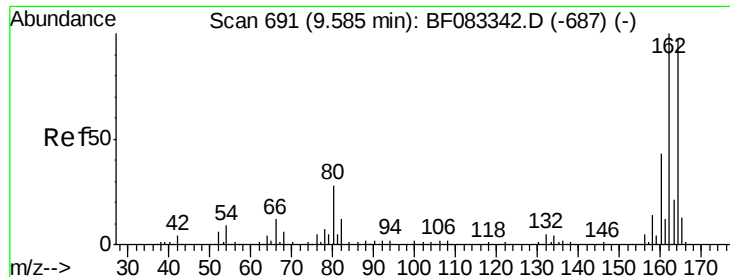


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

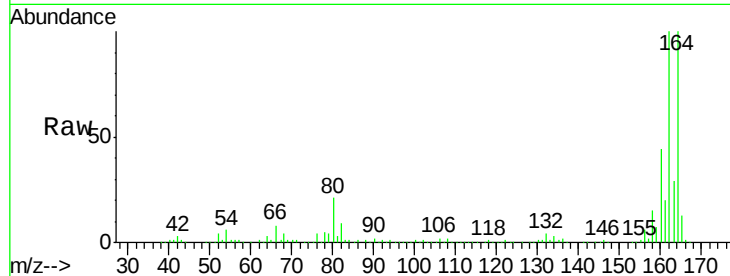




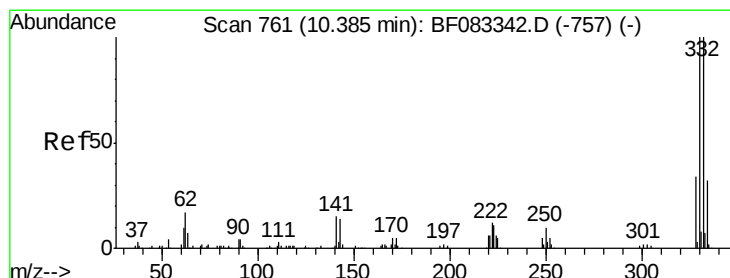
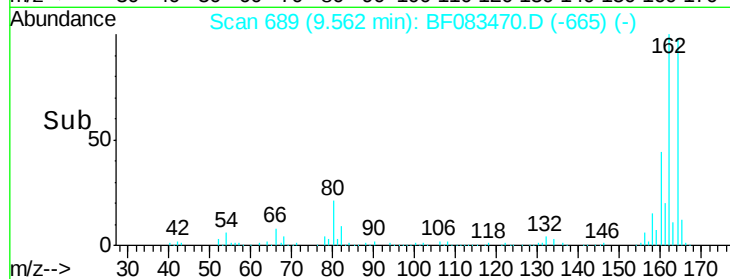
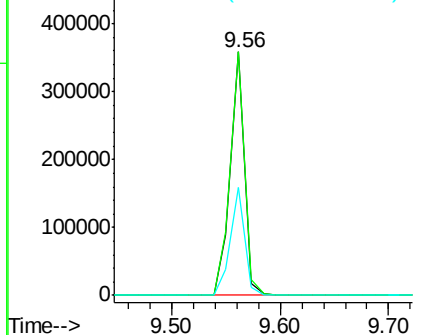
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: BF083470.D
 Acq: 3 Dec 2015 20:19

Instrument :
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 K207-35-37

Tgt Ion:164 Resp: 323091
 Ion Ratio Lower Upper
 164 100
 162 100.1 82.6 123.8
 160 44.2 35.3 52.9

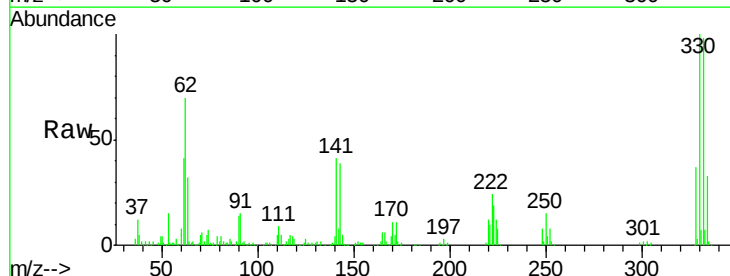


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

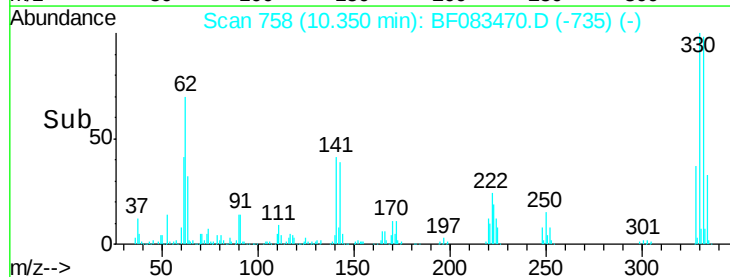
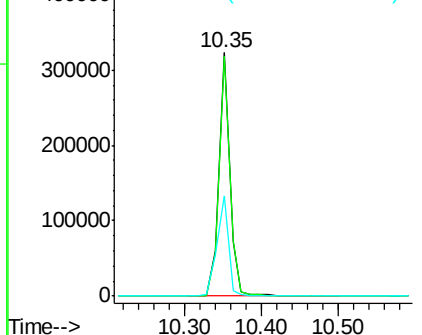


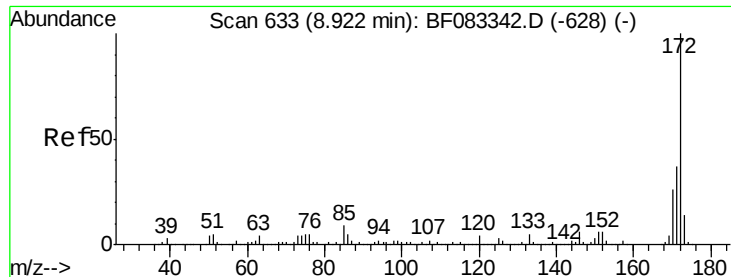
#41
 2,4,6-Tribromophenol
 Concen: 99.73 ng
 RT: 10.35 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF083470.D
 Acq: 3 Dec 2015 20:19

Tgt Ion:330 Resp: 323460
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.8 116.6
 141 43.3 29.4 44.0



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

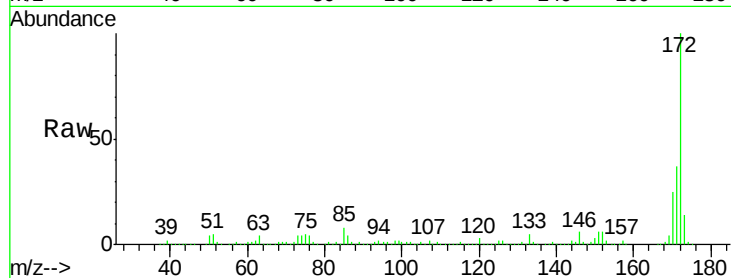




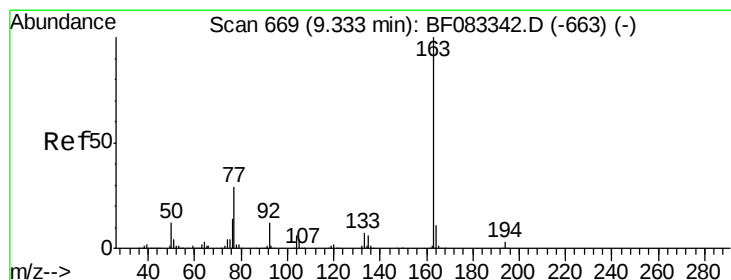
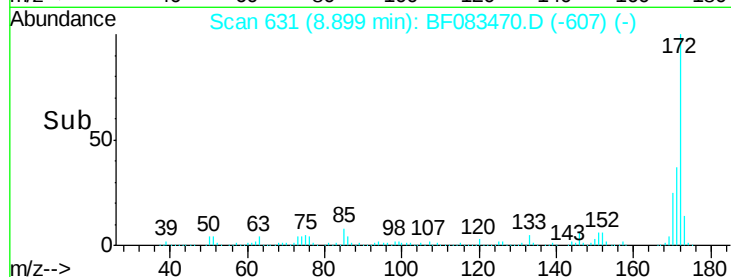
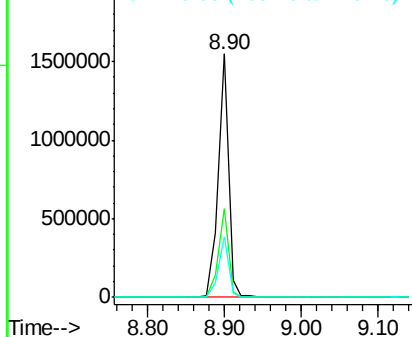
#44
 2-Fluorobiphenyl
 Concen: 64.10 ng
 RT: 8.90 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF083470.D
 Acq: 3 Dec 2015 20:19

Instrument :
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Tgt Ion:172 Resp: 1453185
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.9 20.4 30.6

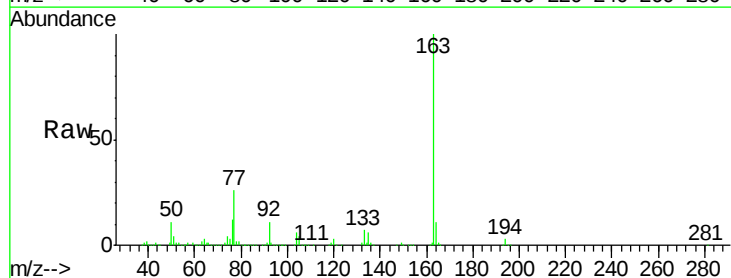


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

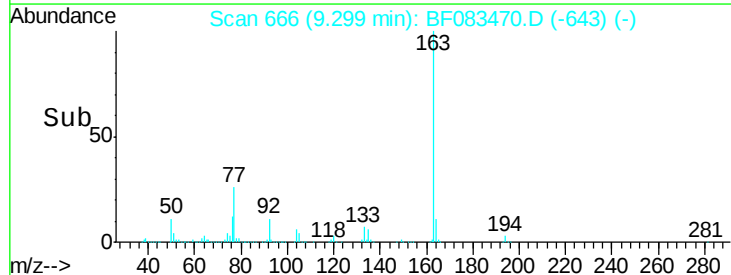
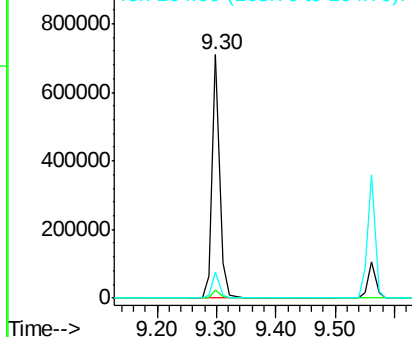


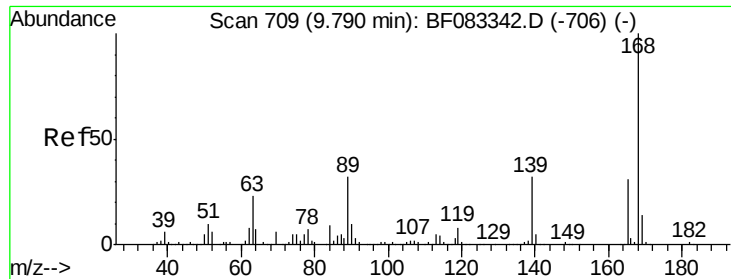
#49
 Dimethylphthalate
 Concen: 23.53 ng
 RT: 9.30 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF083470.D
 Acq: 3 Dec 2015 20:19

Tgt Ion:163 Resp: 617746
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.7 4.1
 164 10.6 8.8 13.2



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

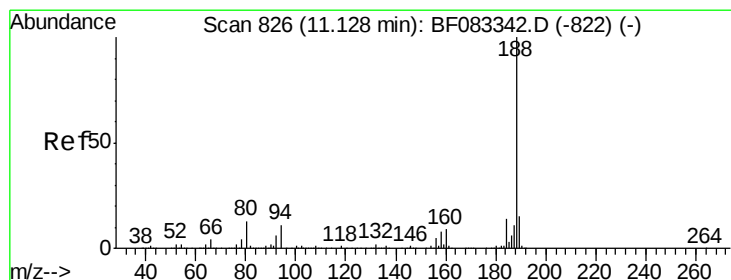
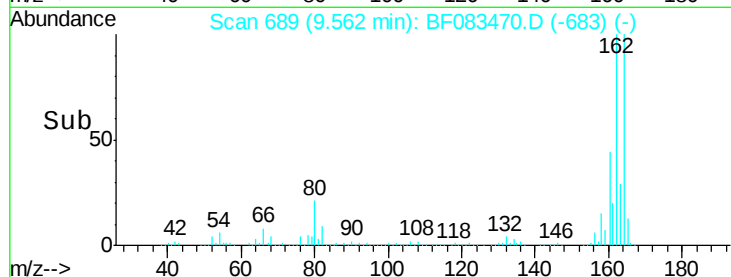
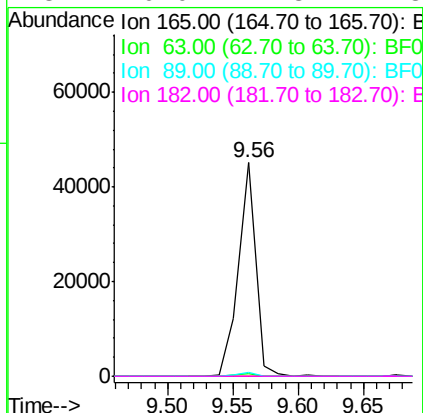
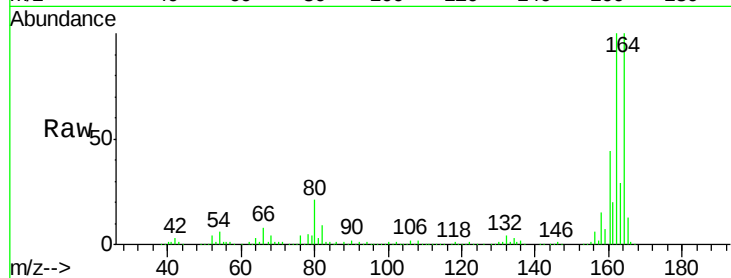




#56
 2,4-Dinitrotoluene
 Concen: 5.85 ng
 RT: 9.56 min Scan# 689
 Delta R.T. -0.23 min
 Lab File: BF083470.D
 Acq: 3 Dec 2015 20:19

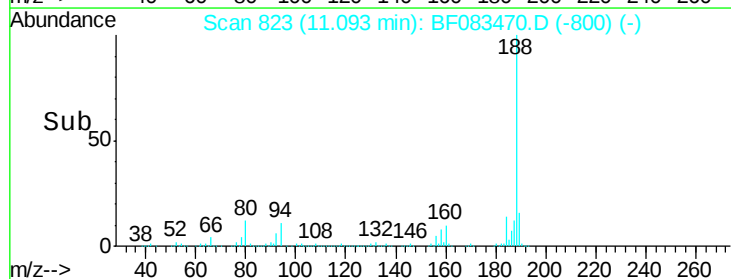
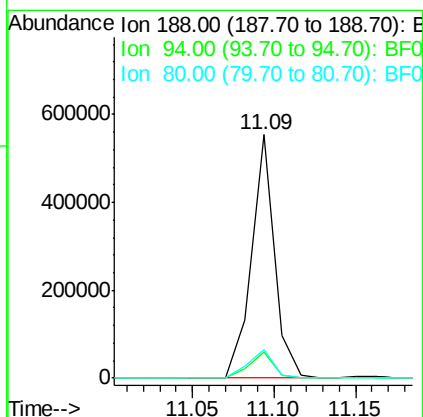
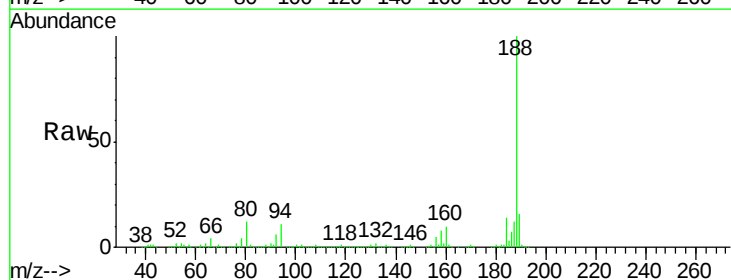
Instrument :
 BNA_F
 ClientSampleId :
 K207-35-37

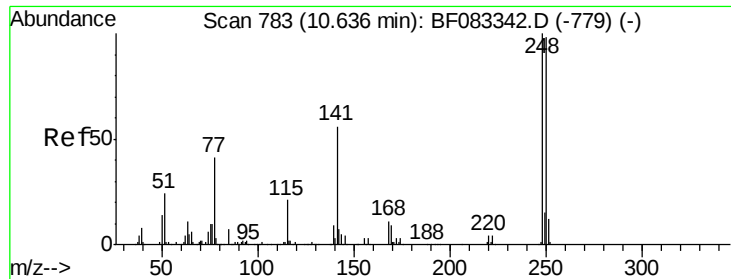
Tgt Ion:	165	Resp:	41618
Ion	Ratio	Lower	Upper
165	100		
63	1.4	65.4	98.0#
89	1.9	81.2	121.8#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BF083470.D
 Acq: 3 Dec 2015 20:19

Tgt Ion:	188	Resp:	545496
Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.7	13.1
80	11.9	10.3	15.5

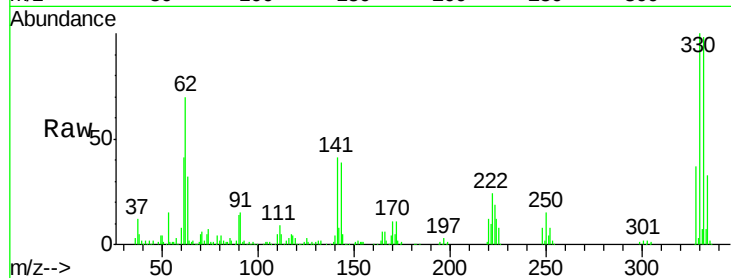




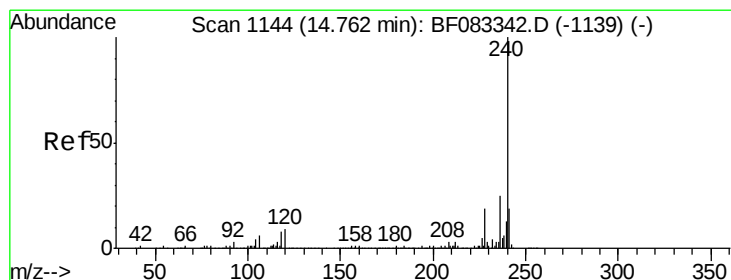
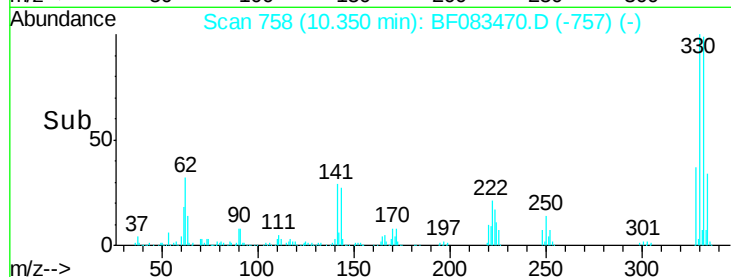
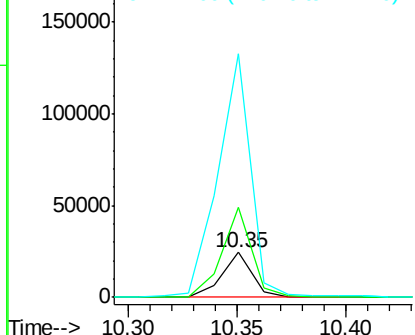
#66
 4-Bromophenyl-phenylether
 Concen: 3.95 ng
 RT: 10.35 min Scan# 758
 Delta R.T. -0.29 min
 Lab File: BF083470.D
 Acq: 3 Dec 2015 20:19

Instrument :
 BNA_F
 ClientSampleId :
 K207-35-37

Tgt Ion:248 Resp: 23578
 Ion Ratio Lower Upper
 248 100
 250 202.1 78.6 118.0#
 141 544.9 44.4 66.6#

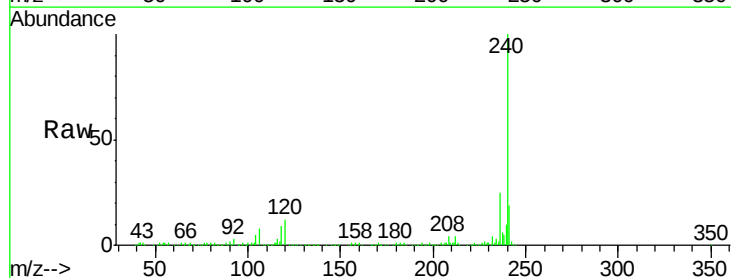


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

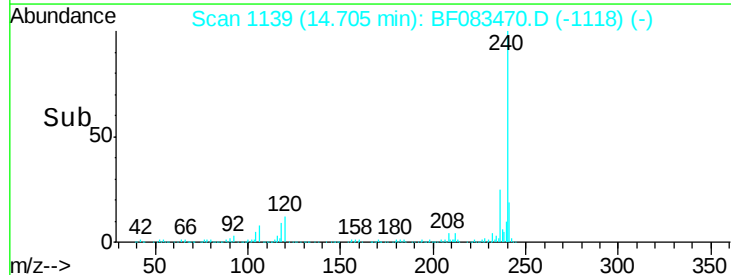
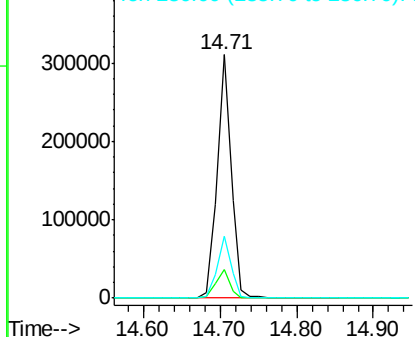


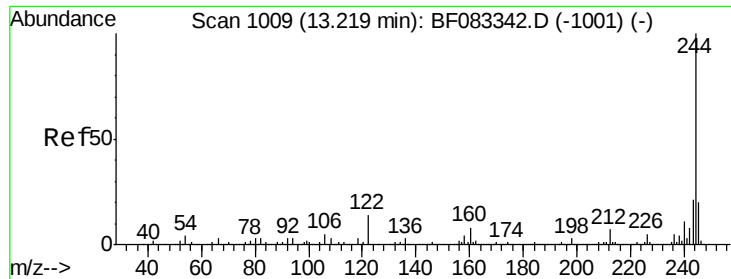
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1139
 Delta R.T. -0.06 min
 Lab File: BF083470.D
 Acq: 3 Dec 2015 20:19

Tgt Ion:240 Resp: 397631
 Ion Ratio Lower Upper
 240 100
 120 11.5 6.9 10.3#
 236 25.2 19.8 29.6



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

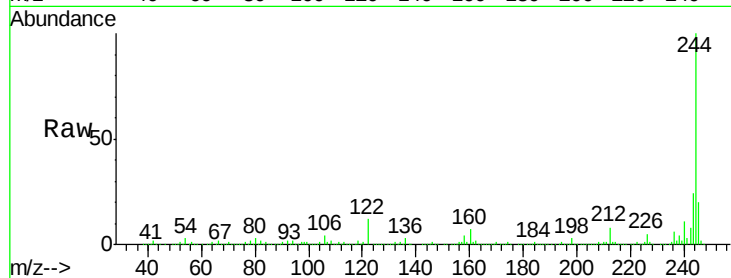




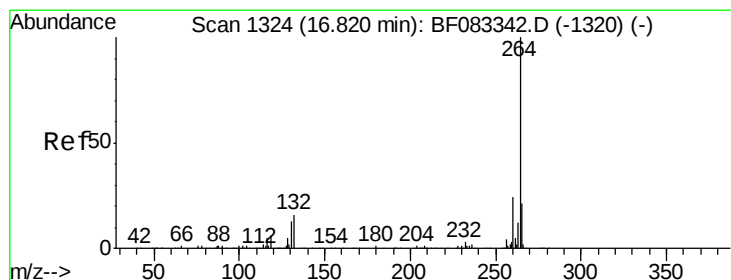
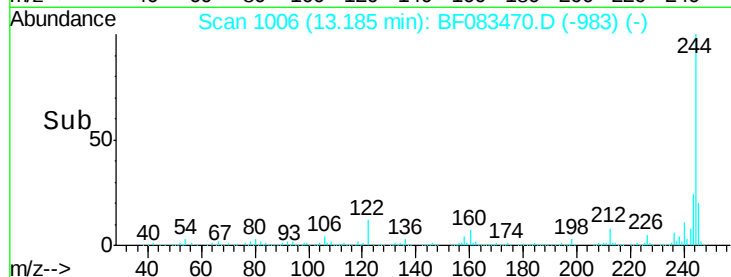
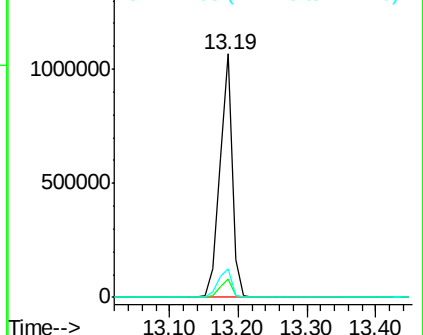
#78
 Terphenyl-d14
 Concen: 81.74 ng
 RT: 13.19 min Scan# 1006
 Delta R.T. -0.03 min
 Lab File: BF083470.D
 Acq: 3 Dec 2015 20:19

Instrument :
 BNA_F
 ClientSampleId :
 K207-35-37

Tgt Ion:244 Resp: 1362851
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.8
 122 11.8 11.0 16.4

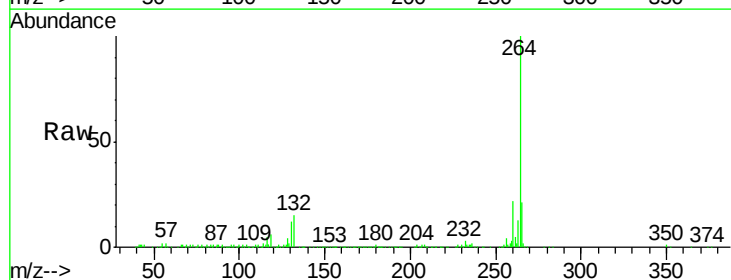


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.77 min Scan# 1320
 Delta R.T. -0.05 min
 Lab File: BF083470.D
 Acq: 3 Dec 2015 20:19

Tgt Ion:264 Resp: 338520
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.0 28.4
 265 20.7 16.8 25.2



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

