

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
 Data File : BF083405.D
 Acq On : 2 Dec 2015 7:46
 Operator : UM/IZ
 Sample : G4586-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112515-A263-F-U-B

Quant Time: Dec 02 09:17:43 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

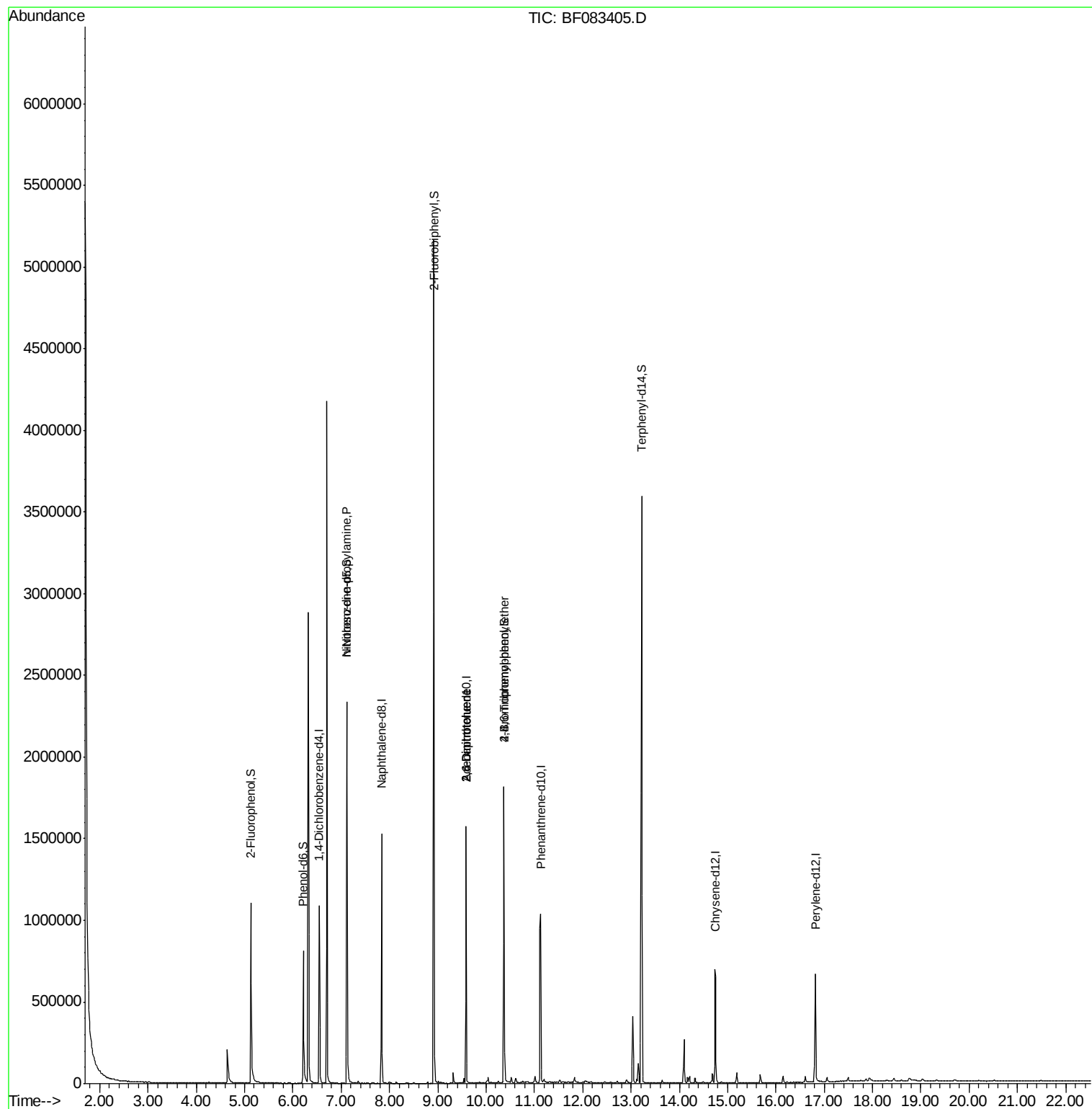
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	165646	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	638880	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	319272	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	575274	20.00	ng	0.00
75) Chrysene-d12	14.75	240	415425	20.00	ng	-0.01
86) Perylene-d12	16.82	264	412092	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	420328	38.08	ng	0.00
7) Phenol-d6	6.21	99	341273	22.59	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1128131	77.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	233225	72.77	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1924587	85.90	ng	0.00
78) Terphenyl-d14	13.22	244	1543869	88.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.12	70	148394	13.74	ng	# 83
50) 2,6-Dinitrotoluene	9.58	165	40110	7.24	ng	# 18
56) 2,4-Dinitrotoluene	9.58	165	40110	5.70	ng	# 6
66) 4-Bromophenyl-phenylether	10.37	248	12938	2.06	ng	# 1

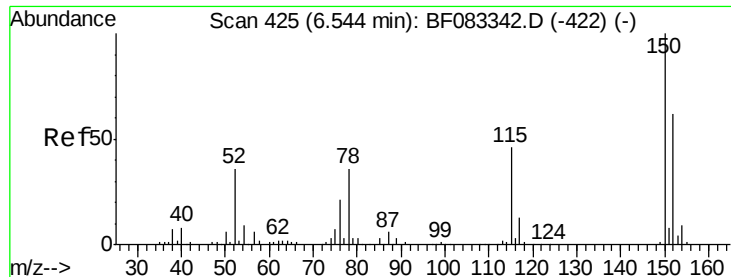
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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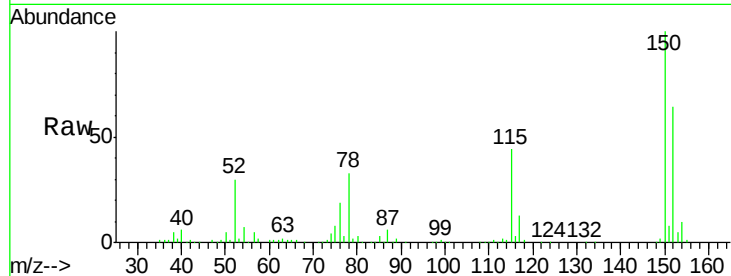




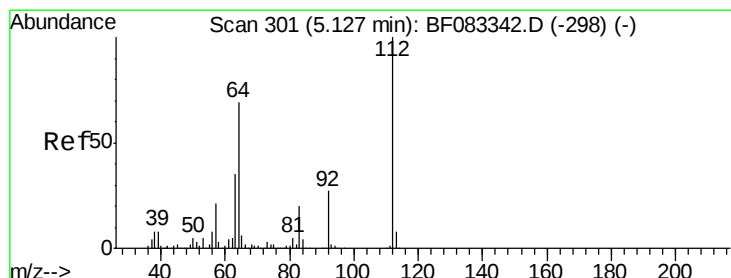
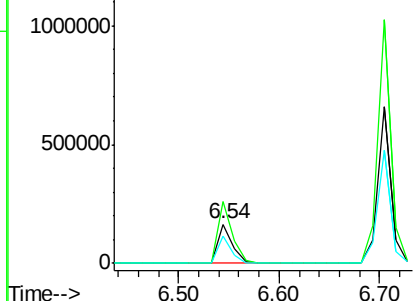
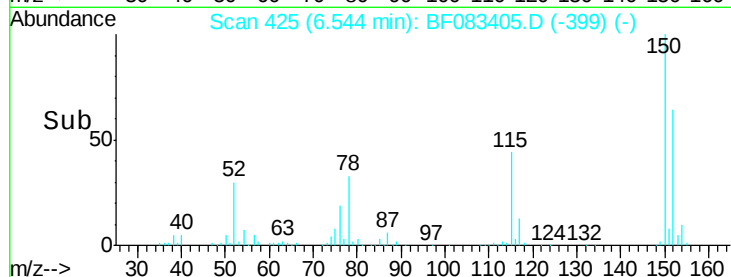
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.54 min Scan# 425
 Delta R.T. -0.00 min
 Lab File: BF083405.D
 Acq: 2 Dec 2015 7:46

Instrument :
 BNA_F
 ClientSampleId :
 112515-A263-F-U-B

Tot Ion:152 Resp: 165646
 Ion Ratio Lower Upper
 152 100
 150 156.4 129.8 194.8
 115 68.9 59.2 88.8

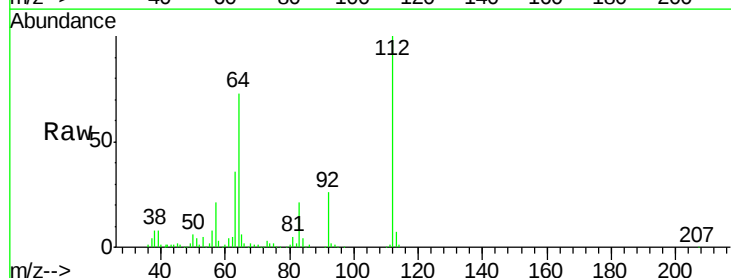


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

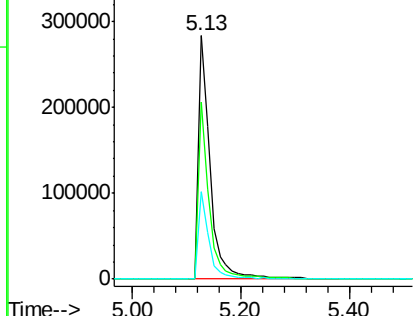
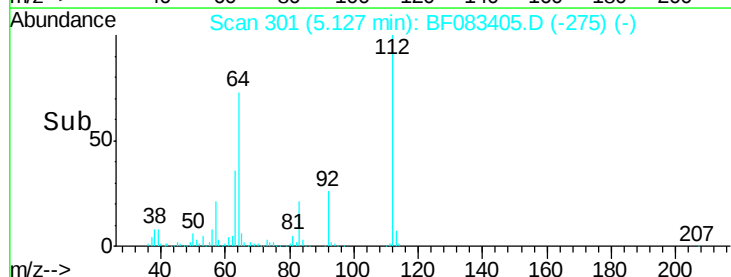


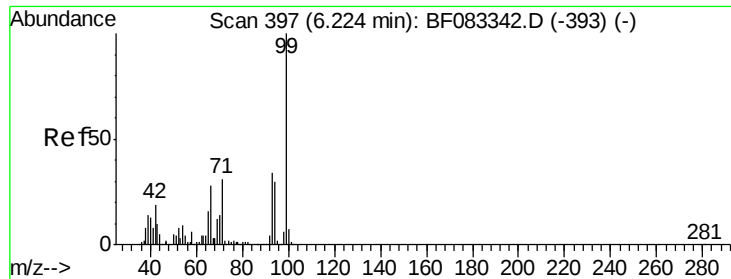
#5
 2-Fluorophenol
 Concen: 38.08 ng
 RT: 5.13 min Scan# 301
 Delta R.T. -0.00 min
 Lab File: BF083405.D
 Acq: 2 Dec 2015 7:46

Tgt Ion:112 Resp: 420328
 Ion Ratio Lower Upper
 112 100
 64 72.9 55.6 83.4
 63 35.8 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: 22.59 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083405.D

Acq: 2 Dec 2015 7:46

Instrument :

BNA_F

ClientSampleId :

112515-A263-F-U-B

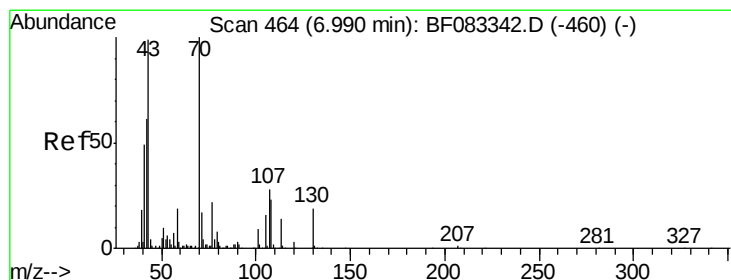
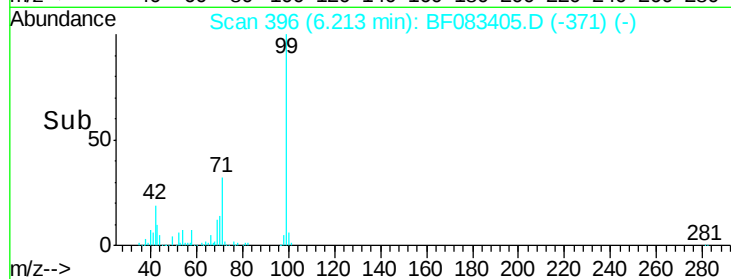
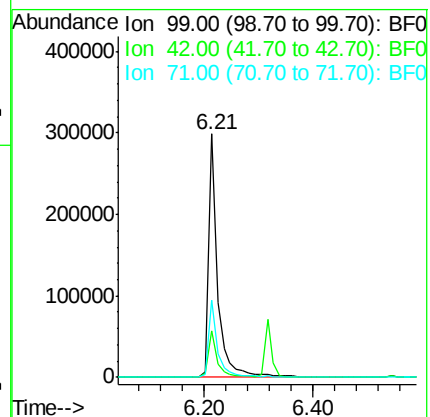
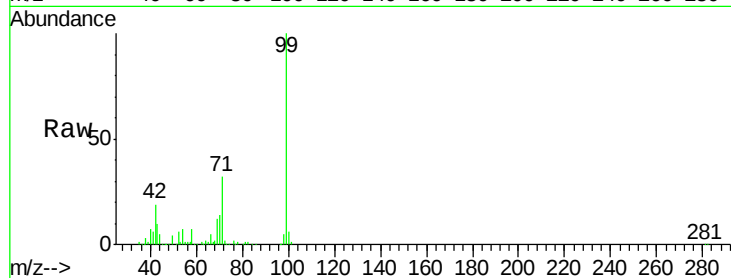
Tot Ion: 99 Resp: 341273

Ion Ratio Lower Upper

99 100

42 19.1 14.9 22.3

71 31.5 24.7 37.1



#19

n-Nitroso-di-n-propylamine

Concen: 13.74 ng

RT: 7.12 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF083405.D

Acq: 2 Dec 2015 7:46

Tgt Ion: 70 Resp: 148394

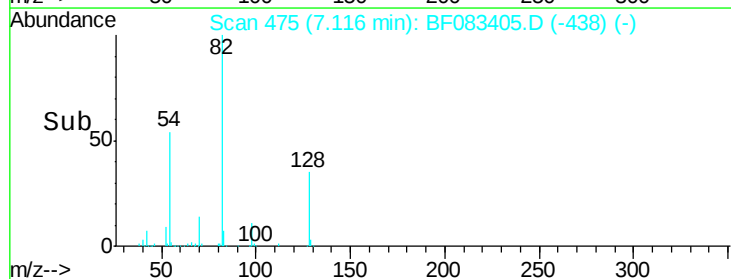
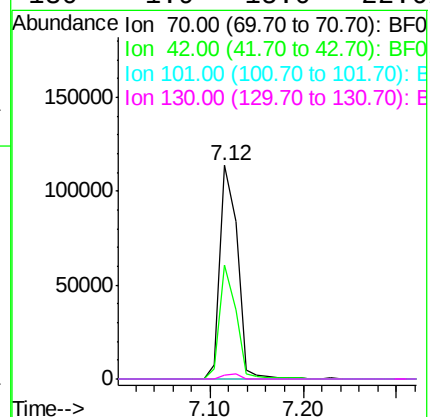
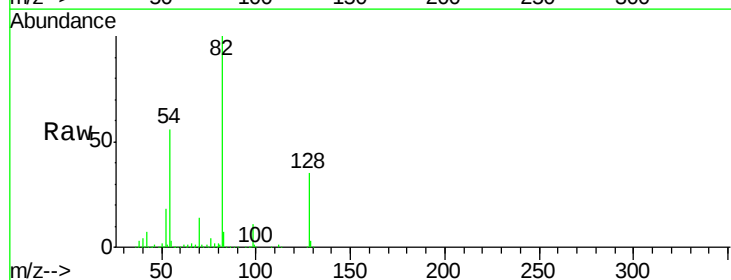
Ion Ratio Lower Upper

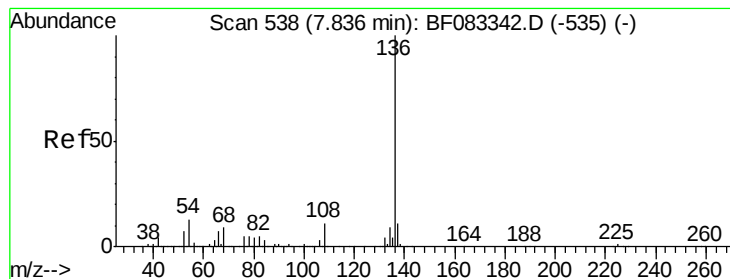
70 100

42 53.2 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: 7.84 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF083405.D

Acq: 2 Dec 2015 7:46

Instrument :

BNA_F

ClientSampleId :

112515-A263-F-U-B

Tot Ion:136 Resp: 638880

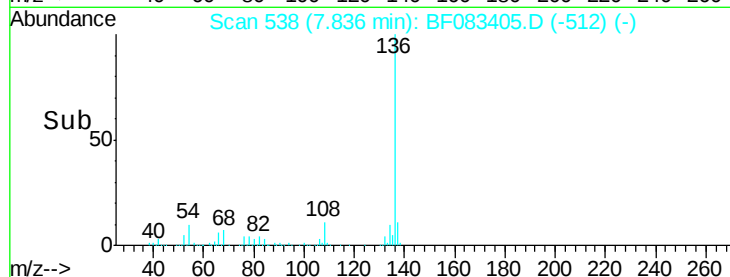
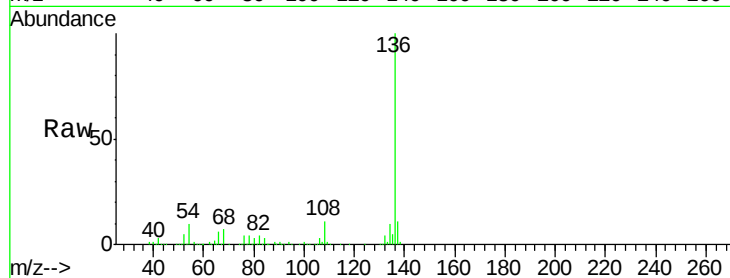
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 10.0 10.1 15.1#

68 7.0 7.1 10.7#

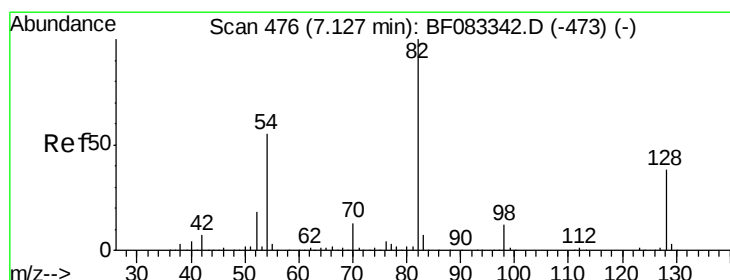
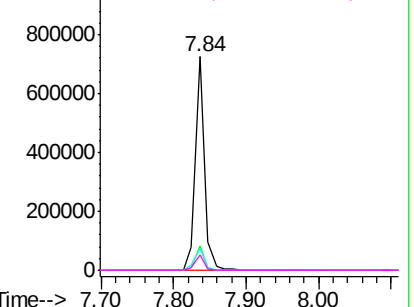


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.62 ng

RT: 7.12 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF083405.D

Acq: 2 Dec 2015 7:46

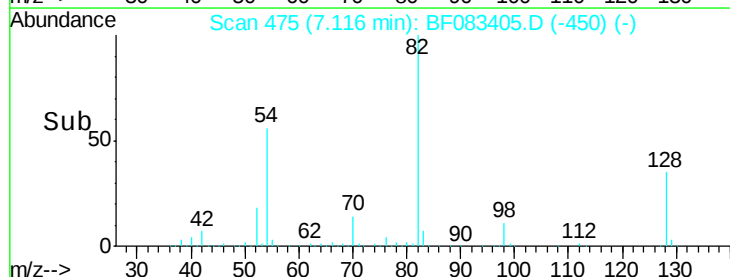
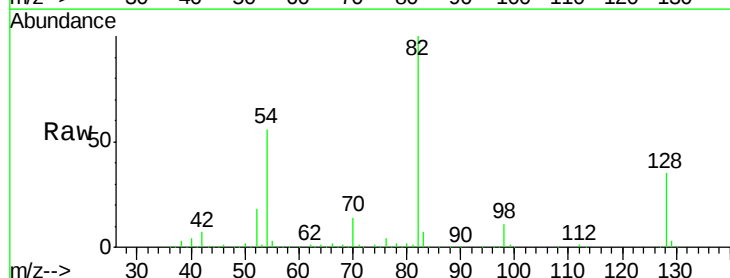
Tgt Ion: 82 Resp: 1128131

Ion Ratio Lower Upper

82 100

128 35.0 30.6 46.0

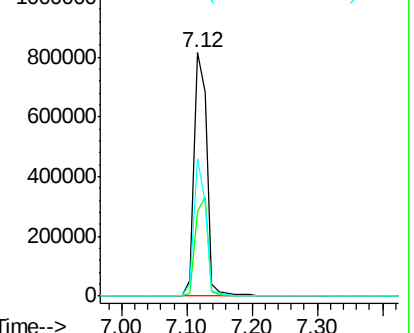
54 56.3 43.8 65.6

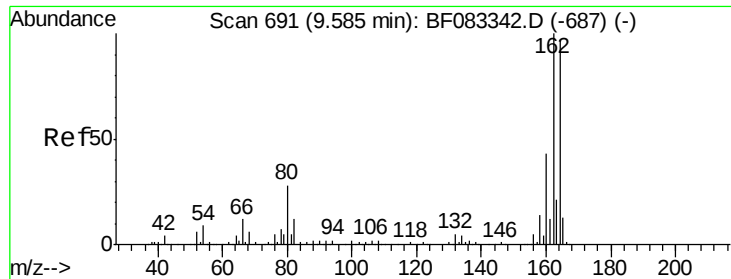


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.58 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF083405.D

Acq: 2 Dec 2015 7:46

Instrument :

BNA_F

ClientSampleId :

112515-A263-F-U-B

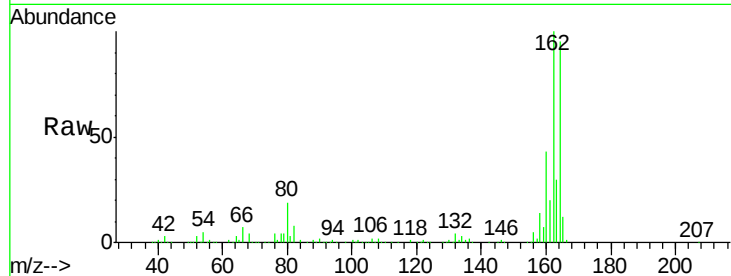
Tot Ion:164 Resp: 319272

Ion Ratio Lower Upper

164 100

162 105.7 82.6 123.8

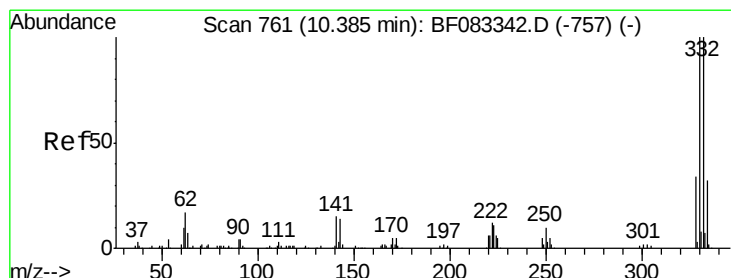
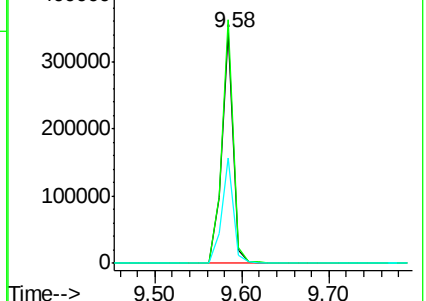
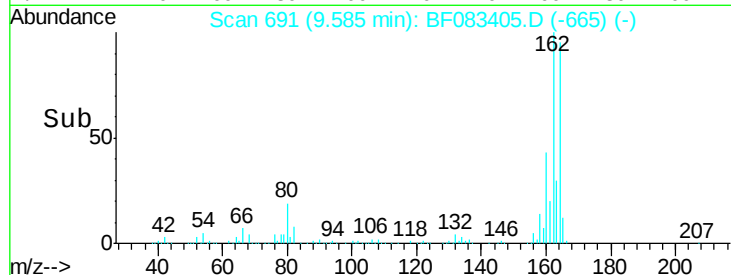
160 45.6 35.3 52.9



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: 72.77 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF083405.D

Acq: 2 Dec 2015 7:46

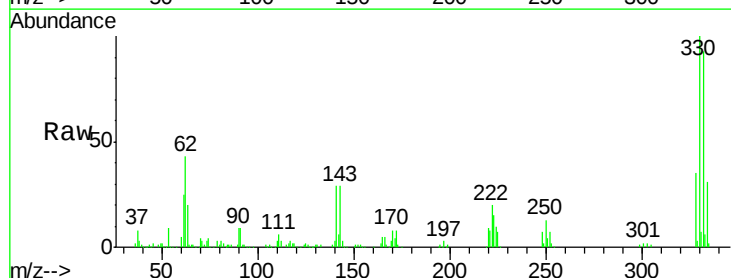
Tgt Ion:330 Resp: 233225

Ion Ratio Lower Upper

330 100

332 93.2 77.8 116.6

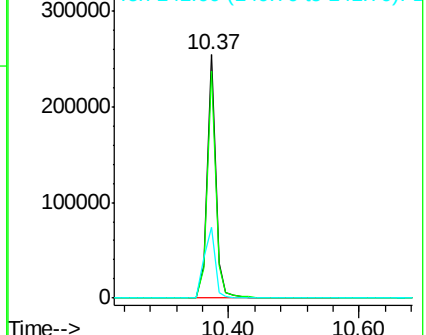
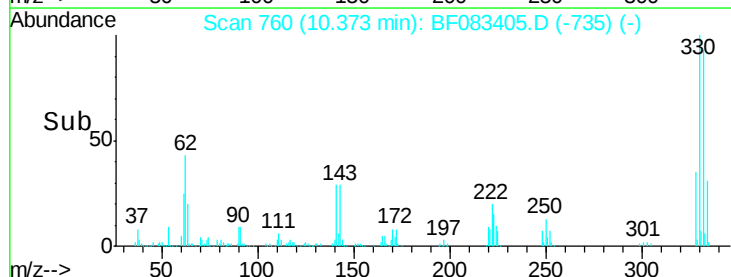
141 37.3 29.4 44.0

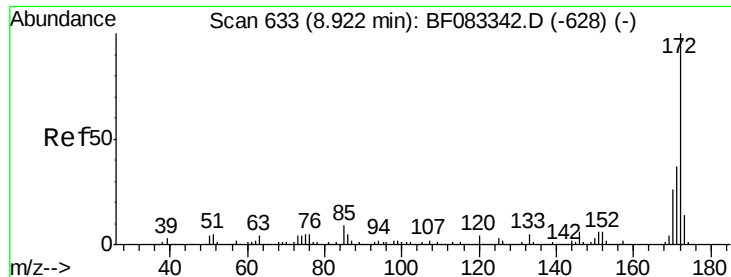


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



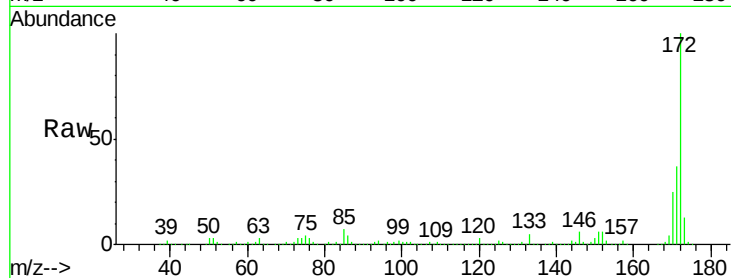


#44
 2-Fluorobiphenyl
 Concen: 85.90 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083405.D
 Acq: 2 Dec 2015 7:46

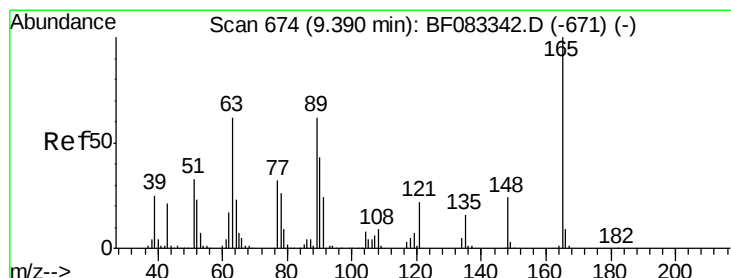
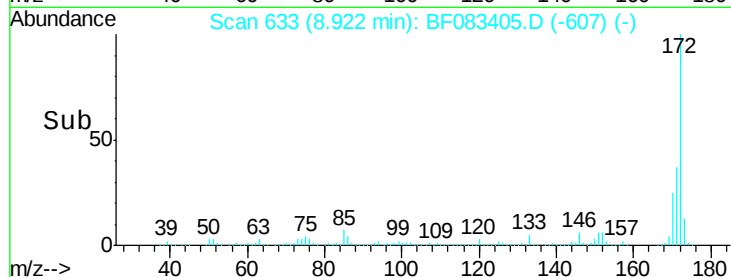
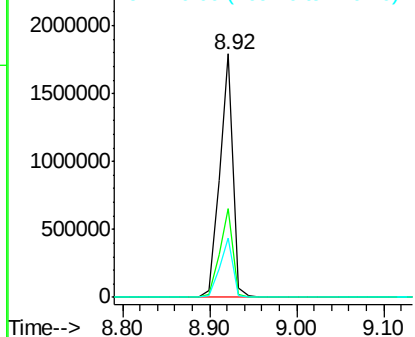
Instrument :
 BNA_F
 ClientSampleId :
 112515-A263-F-U-B

Tot Ion:172 Resp: 1924587

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.5	20.4	30.6



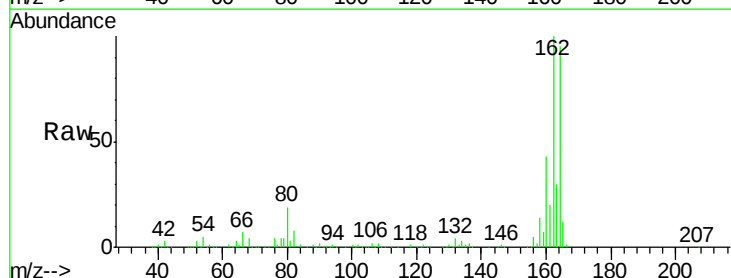
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



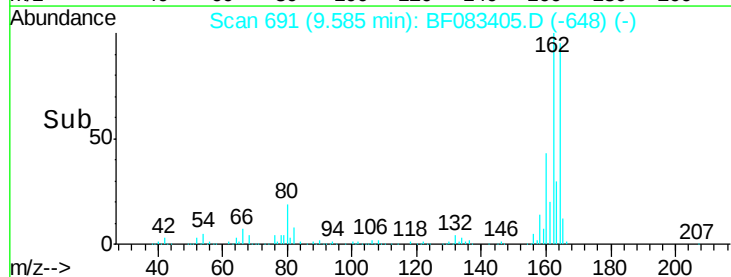
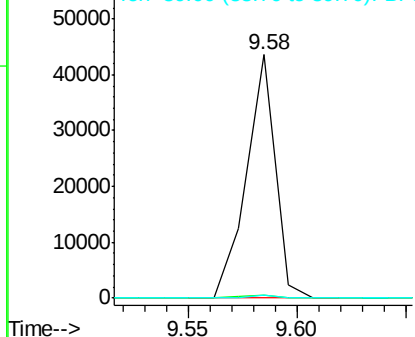
#50
 2,6-Dinitrotoluene
 Concen: 7.24 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.19 min
 Lab File: BF083405.D
 Acq: 2 Dec 2015 7:46

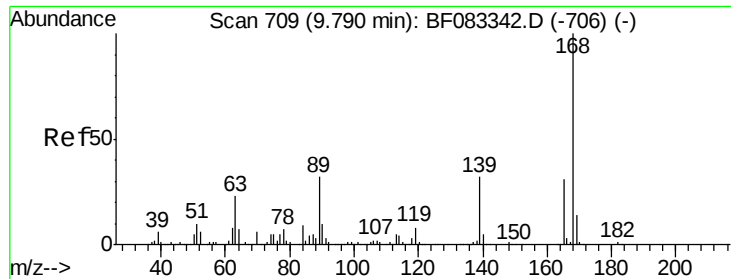
Tgt Ion:165 Resp: 40110

Ion	Ratio	Lower	Upper
165	100		
63	1.4	56.0	84.0#
89	1.3	49.8	74.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 5.70 ng

RT: 9.58 min Scan# 691

Delta R.T. -0.21 min

Lab File: BF083405.D

Acq: 2 Dec 2015 7:46

Instrument :

BNA_F

ClientSampleId :

112515-A263-F-U-B

Tot Ion:165 Resp: 40110

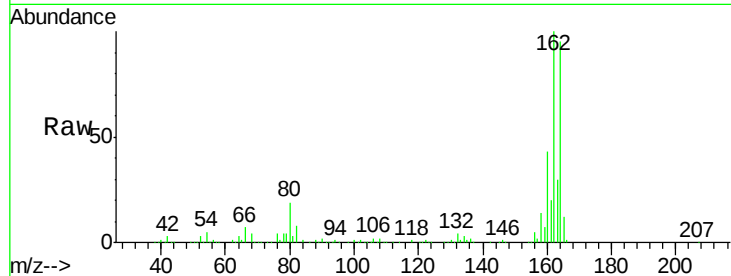
Ion Ratio Lower Upper

165 100

63 1.4 65.4 98.0#

89 1.3 81.2 121.8#

182 0.0 1.8 2.8#

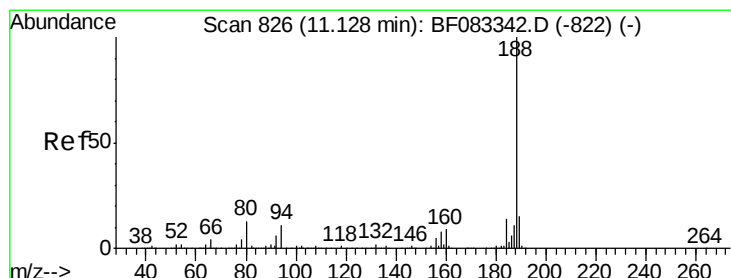
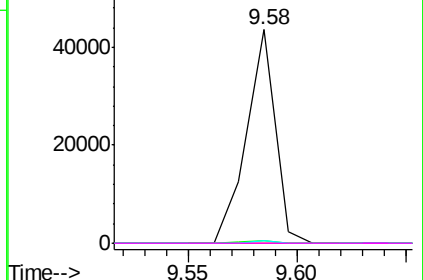
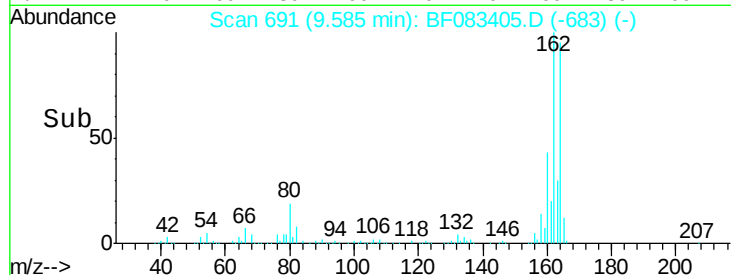


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF083405.D

Acq: 2 Dec 2015 7:46

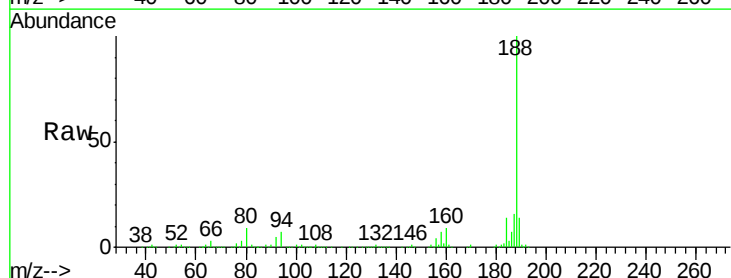
Tgt Ion:188 Resp: 575274

Ion Ratio Lower Upper

188 100

94 7.3 8.7 13.1#

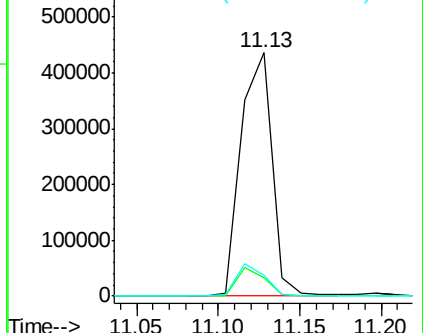
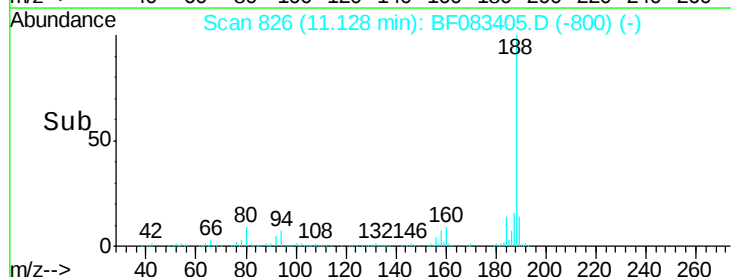
80 8.5 10.3 15.5#

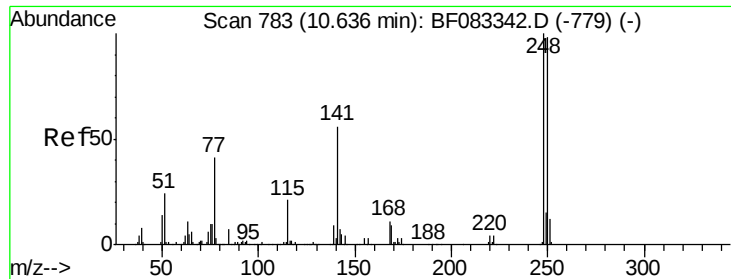


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

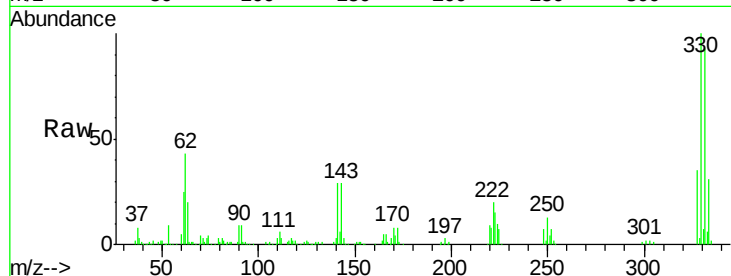




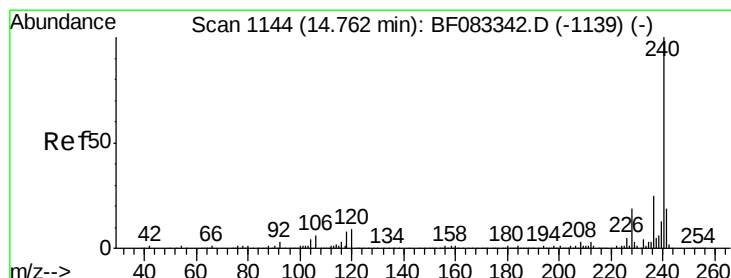
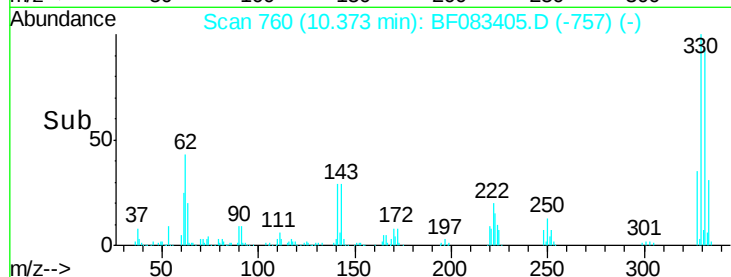
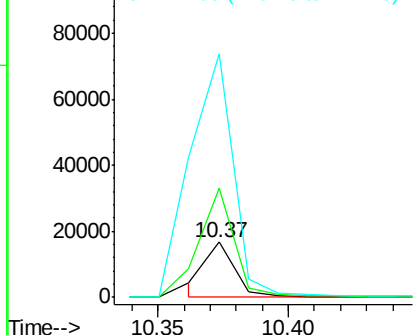
#66
4-Bromophenyl-phenylether
Concen: 2.06 ng
RT: 10.37 min Scan# 760
Delta R.T. -0.26 min
Lab File: BF083405.D
Acq: 2 Dec 2015 7:46

Instrument :
BNA_F
ClientSampleId :
112515-A263-F-U-B

Tot Ion:248 Resp: 12938
Ion Ratio Lower Upper
248 100
250 197.0 78.6 118.0#
141 440.7 44.4 66.6#

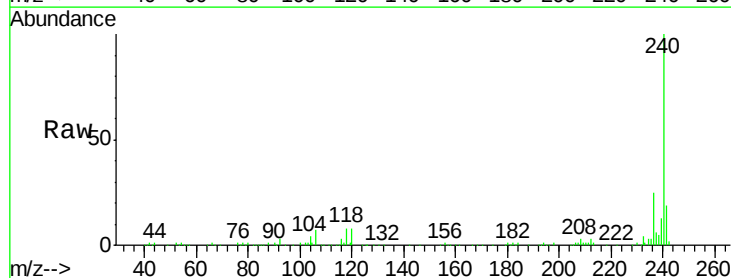


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

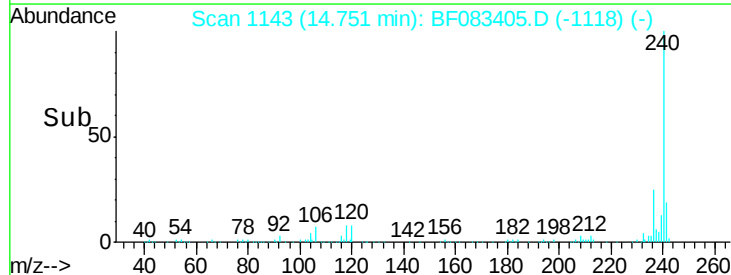
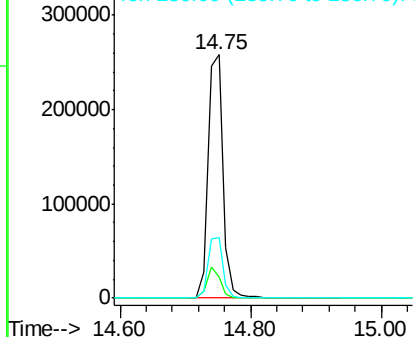


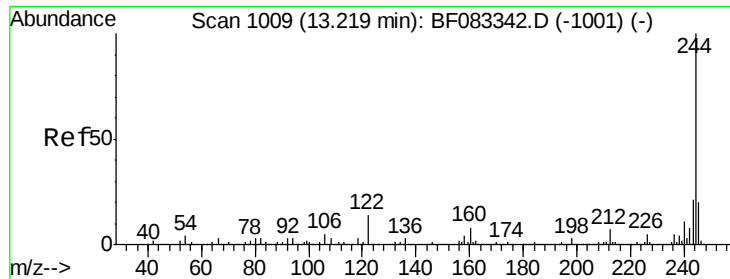
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083405.D
Acq: 2 Dec 2015 7:46

Tgt Ion:240 Resp: 415425
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 25.1 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: 88.63 ng

RT: 13.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF083405.D

Acq: 2 Dec 2015 7:46

Instrument :

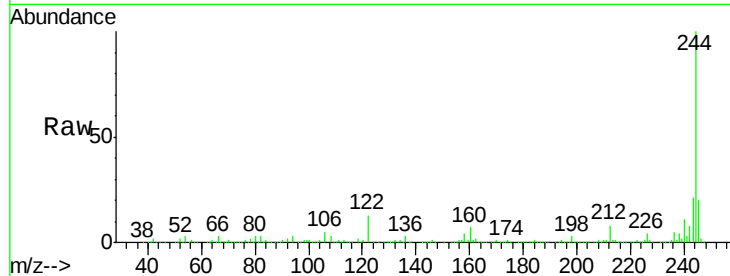
BNA_F

ClientSampleId :

112515-A263-F-U-B

Tot Ion:244 Resp: 1543869

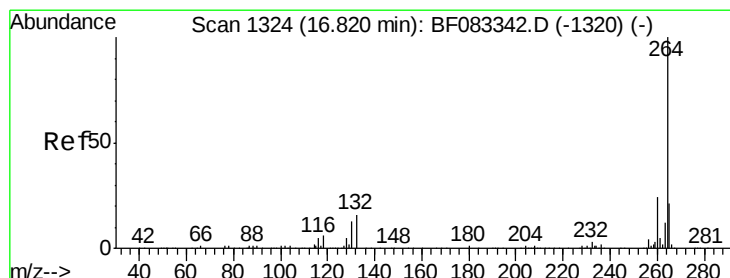
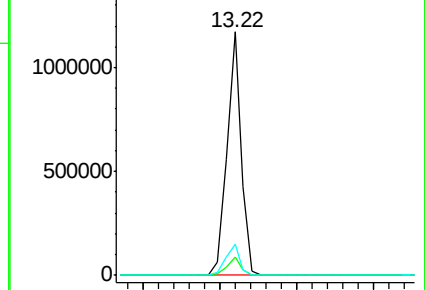
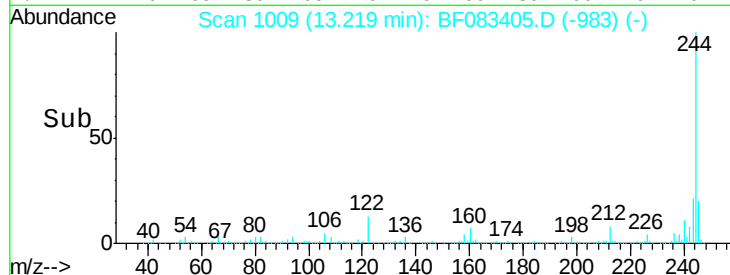
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	12.6	11.0	16.4



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: 16.82 min Scan# 1324

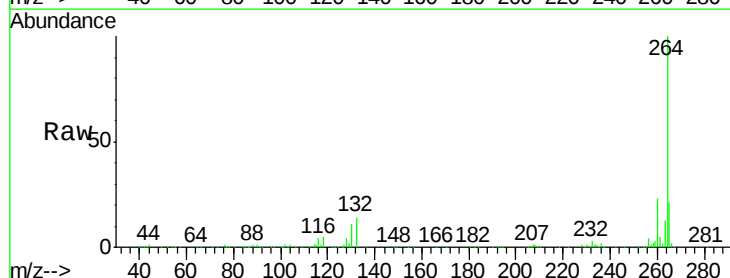
Delta R.T. -0.00 min

Lab File: BF083405.D

Acq: 2 Dec 2015 7:46

Tgt Ion:264 Resp: 412092

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.4
265	21.1	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

