

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
 Data File : BF083349.D
 Acq On : 30 Nov 2015 22:40
 Operator : UM/IZ
 Sample : PB86904BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86904BL

Quant Time: Dec 01 02:14:51 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

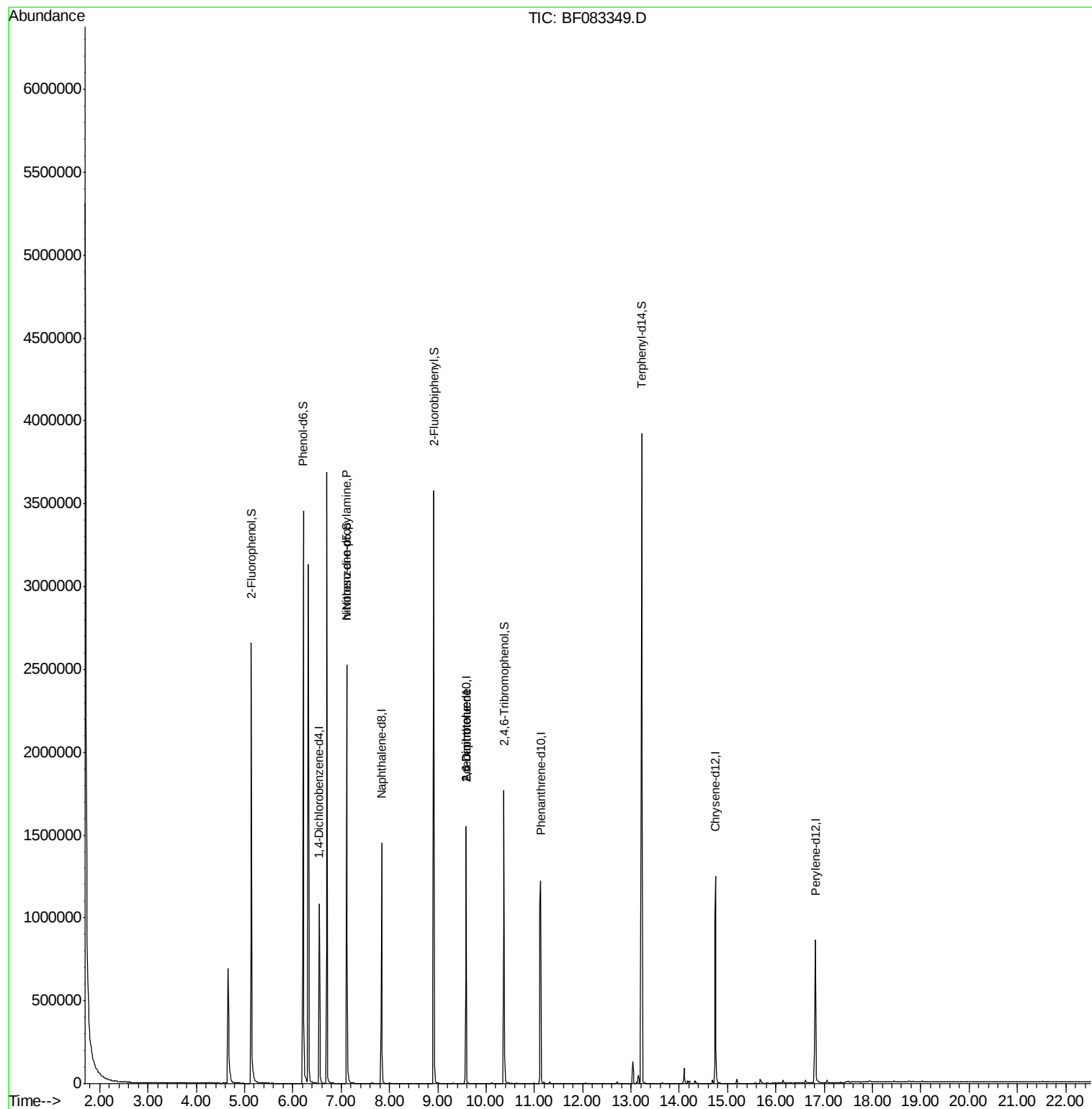
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	167130	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	659031	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	347903	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	666856	20.00	ng	0.00
75) Chrysene-d12	14.75	240	682057	20.00	ng	-0.01
86) Perylene-d12	16.82	264	558020	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	830030	74.52	ng	0.01
7) Phenol-d6	6.21	99	1156834	75.88	ng	-0.01
23) Nitrobenzene-d5	7.12	82	942005	62.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	233610	66.89	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1684349	68.99	ng	0.00
78) Terphenyl-d14	13.22	244	1798206	62.87	ng	0.00
Target Compounds						
9) Benzaldehyde	6.21	77	1300	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	7.12	70	127254	11.68	ng	# 83
50) 2,6-Dinitrotoluene	9.58	165	42853	7.10	ng	# 19
56) 2,4-Dinitrotoluene	9.58	165	42853	5.59	ng	# 6

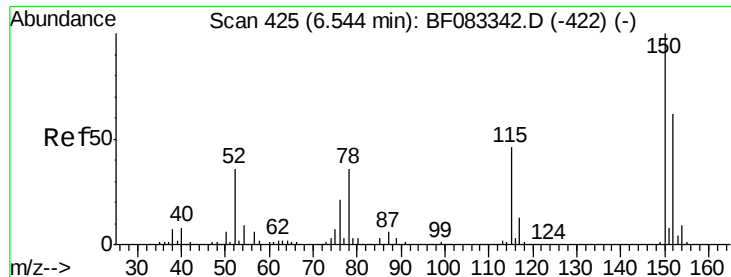
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083349.D

Acq: 30 Nov 2015 22:40

Instrument :

BNA_F

ClientSampleId :

PB86904BL

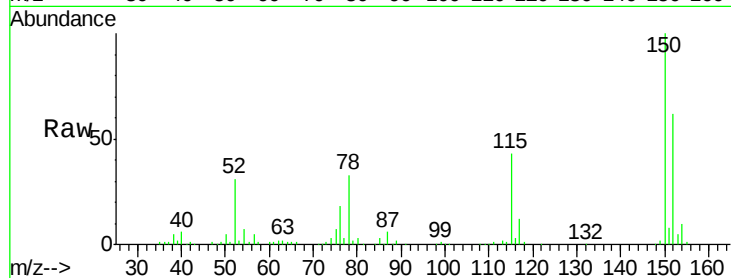
Tgt Ion:152 Resp: 167130

Ion Ratio Lower Upper

152 100

150 160.0 129.8 194.8

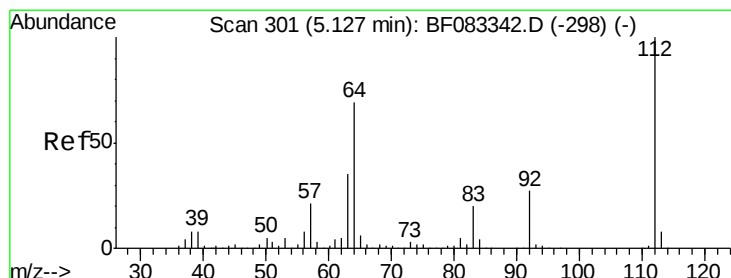
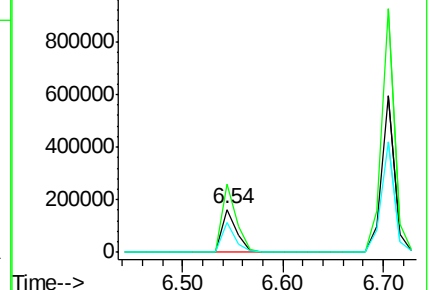
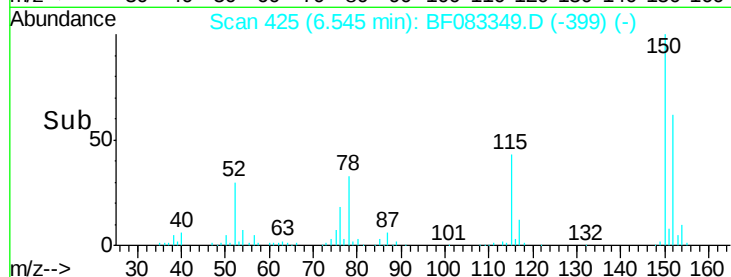
115 69.3 59.2 88.8



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: 74.52 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083349.D

Acq: 30 Nov 2015 22:40

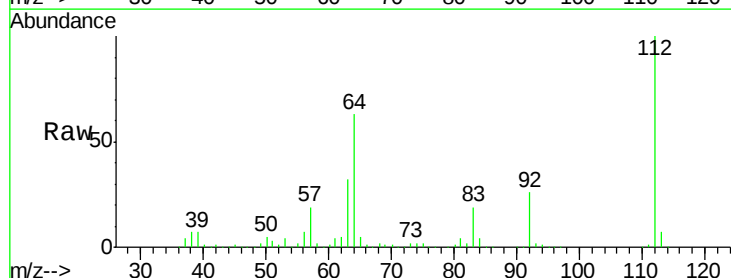
Tgt Ion:112 Resp: 830030

Ion Ratio Lower Upper

112 100

64 63.5 55.6 83.4

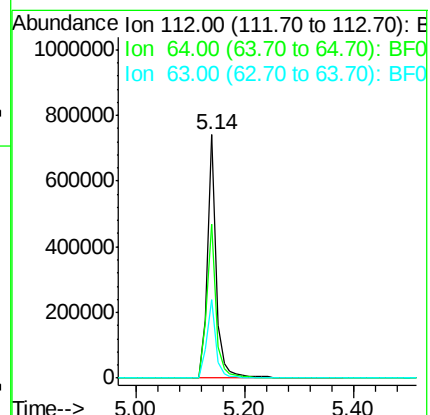
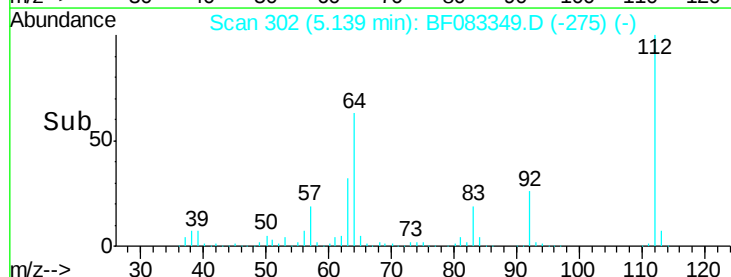
63 32.0 28.2 42.2

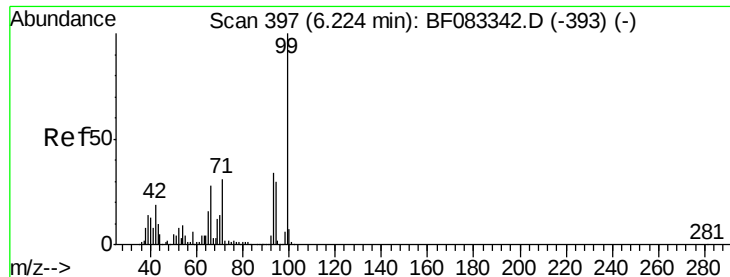


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 75.88 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083349.D

Acq: 30 Nov 2015 22:40

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PB86904BL

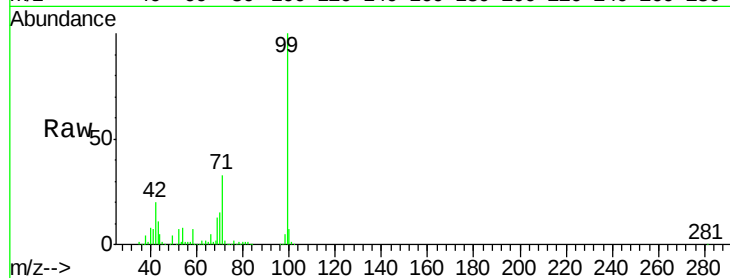
Tgt Ion: 99 Resp: 1156834

Ion Ratio Lower Upper

99 100

42 20.4 14.9 22.3

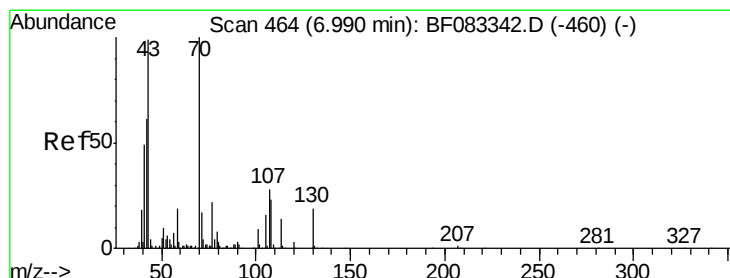
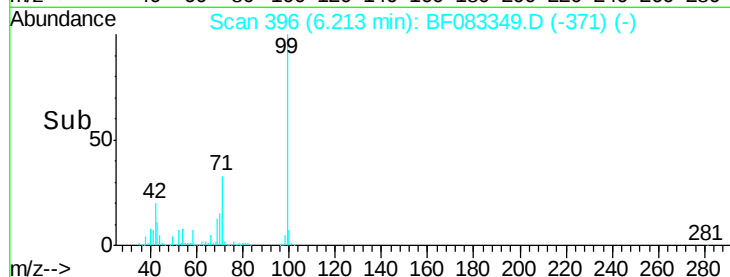
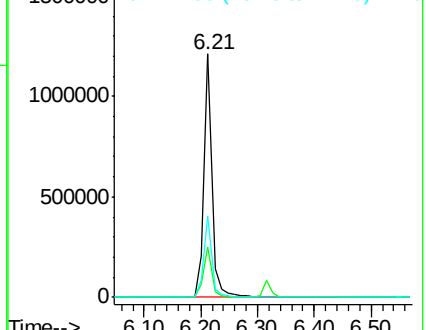
71 33.4 24.7 37.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.68 ng

RT: 7.12 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF083349.D

Acq: 30 Nov 2015 22:40

Tgt Ion: 70 Resp: 127254

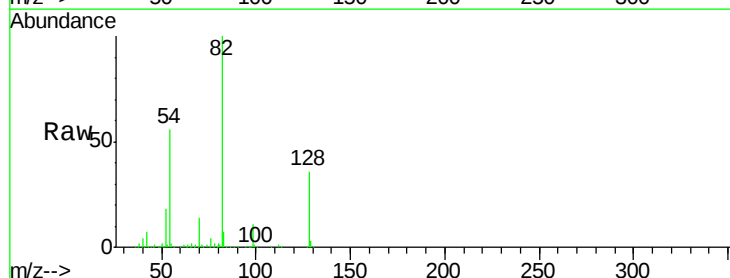
Ion Ratio Lower Upper

70 100

42 53.4 48.8 73.2

101 0.0 7.1 10.7#

130 1.7 15.0 22.6#

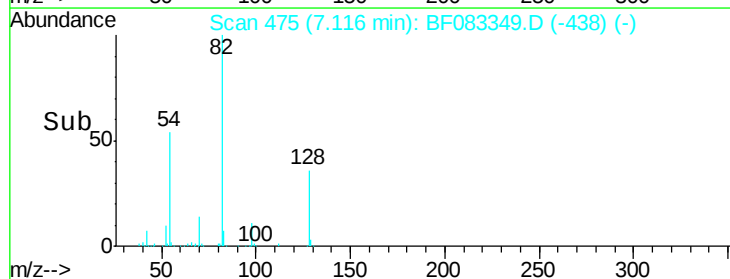
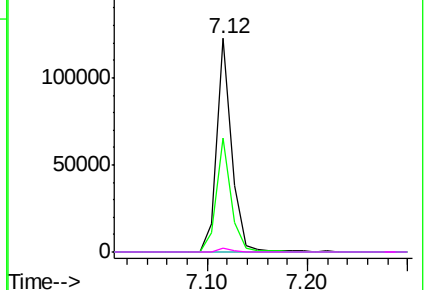


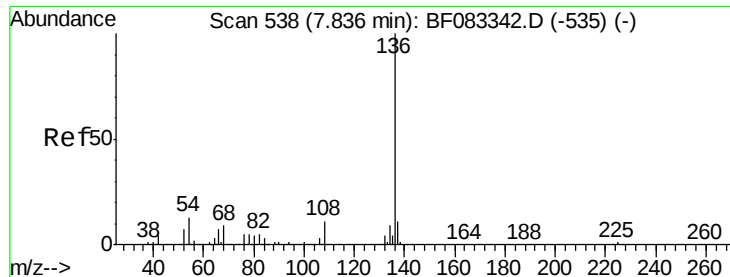
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

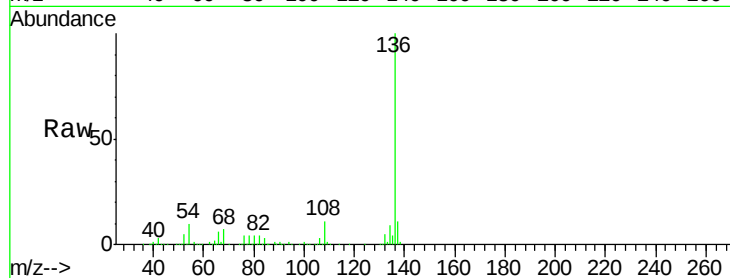




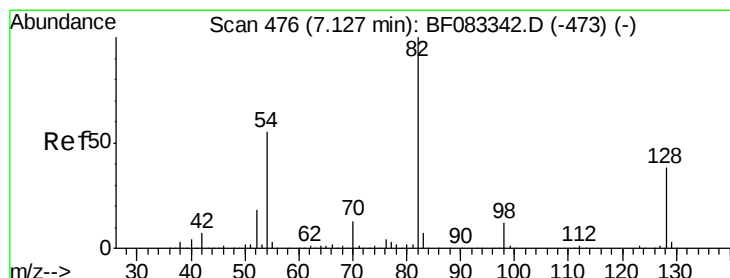
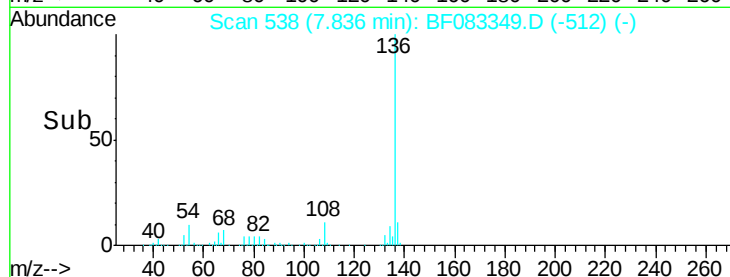
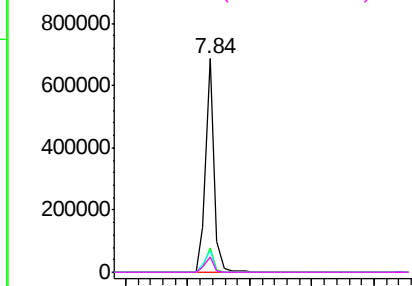
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF083349.D
Acq: 30 Nov 2015 22:40

Instrument :
BNA_F
ClientSampleId :
PB86904BL

Tgt Ion:	136	Resp:	659031
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	10.0	10.1	15.1#
68	7.3	7.1	10.7

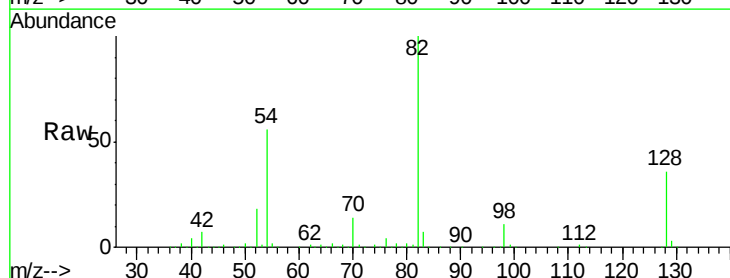


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

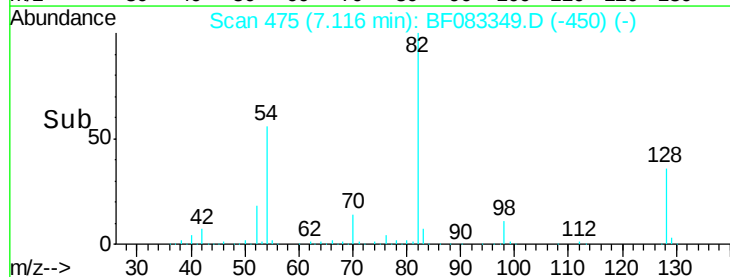
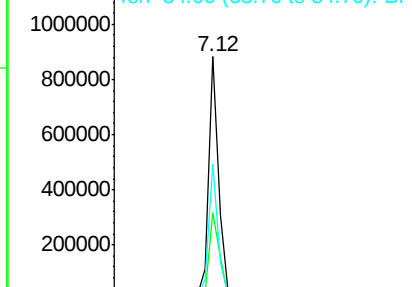


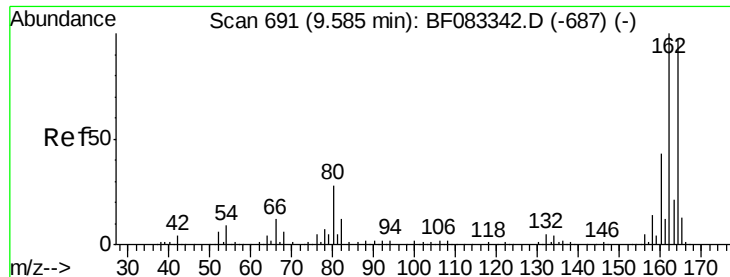
#23
Nitrobenzene-d5
Concen: 62.83 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF083349.D
Acq: 30 Nov 2015 22:40

Tgt Ion:	82	Resp:	942005
Ion	Ratio	Lower	Upper
82	100		
128	35.9	30.6	46.0
54	55.9	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

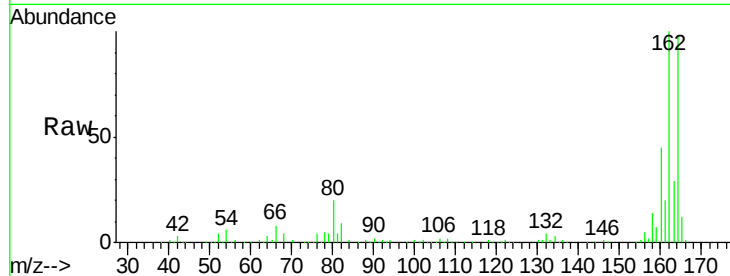




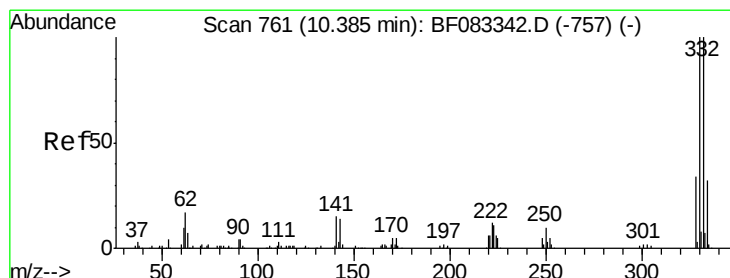
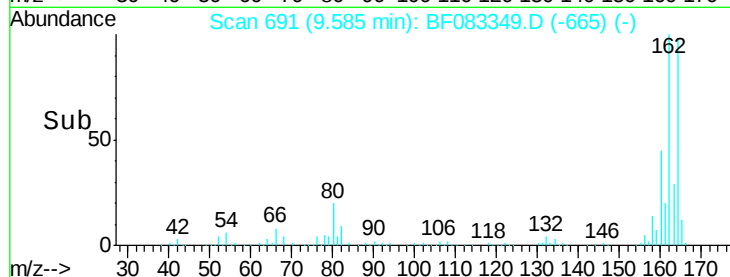
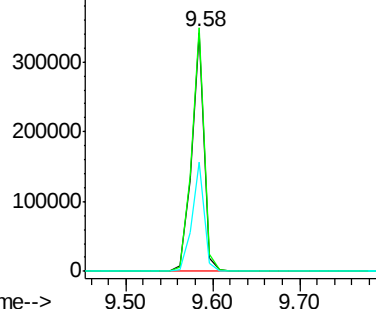
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF083349.D
 Acq: 30 Nov 2015 22:40

Instrument :
 BNA_F
 ClientSampleId :
 PB86904BL

Tgt Ion:164 Resp: 347903
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.6 123.8
 160 45.5 35.3 52.9

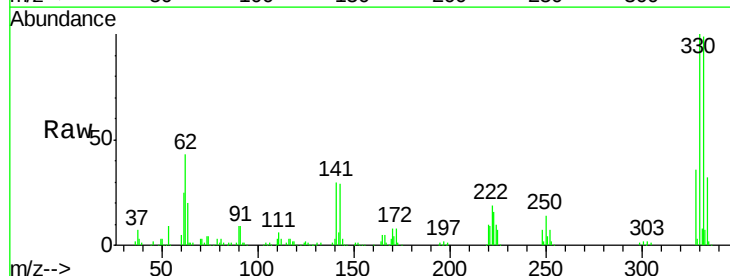


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

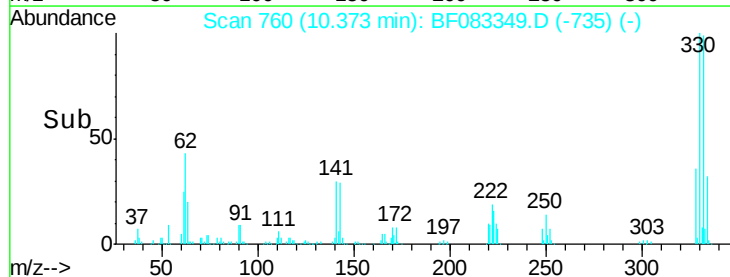
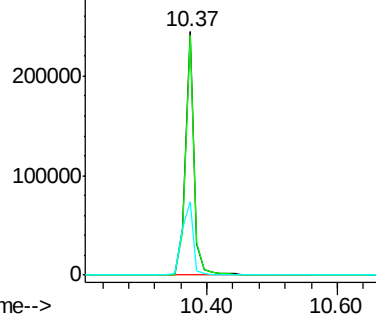


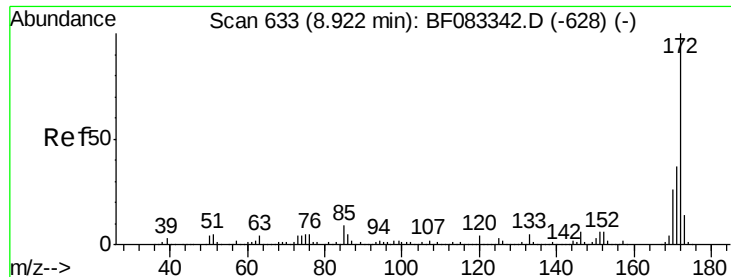
#41
 2,4,6-Tribromophenol
 Concen: 66.89 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083349.D
 Acq: 30 Nov 2015 22:40

Tgt Ion:330 Resp: 233610
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.8 116.6
 141 38.1 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

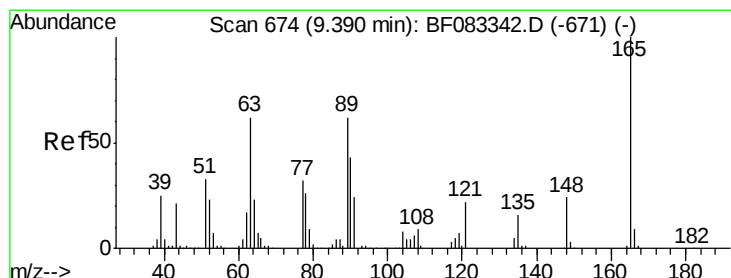
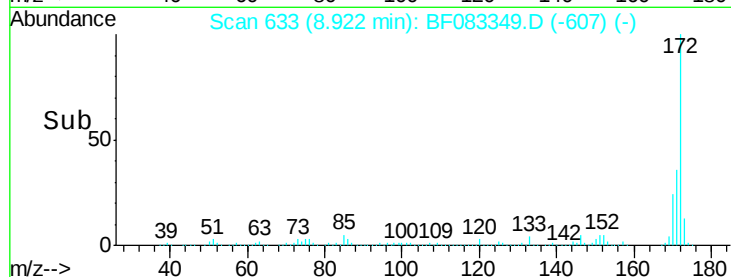
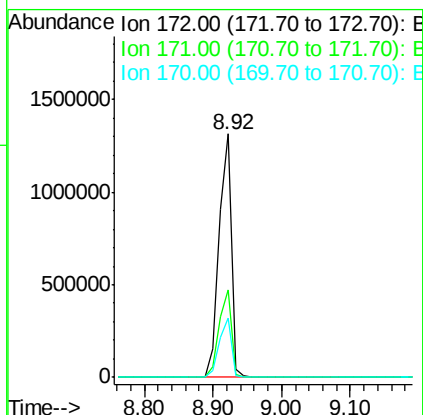
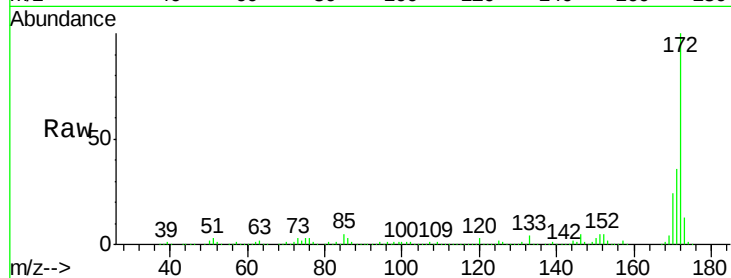




#44
 2-Fluorobiphenyl
 Concen: 68.99 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083349.D
 Acq: 30 Nov 2015 22:40

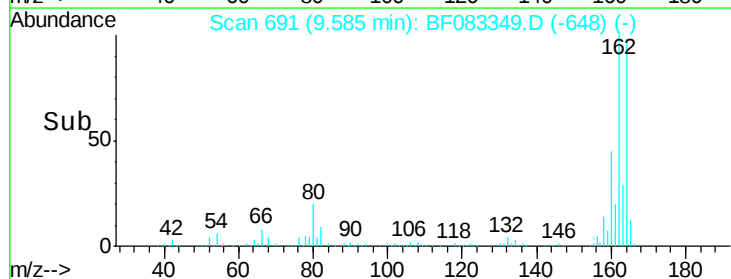
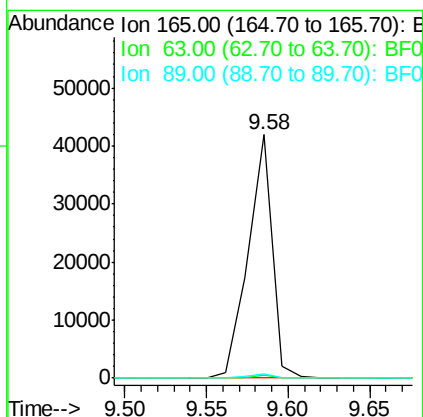
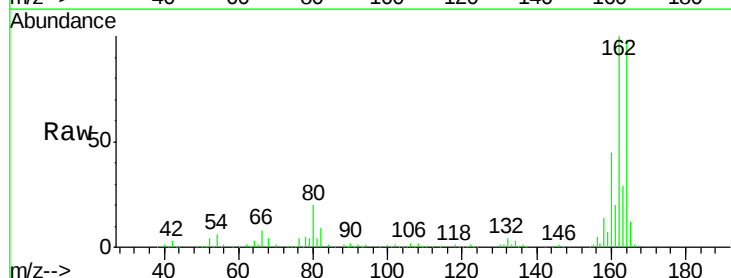
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 PB86904BL

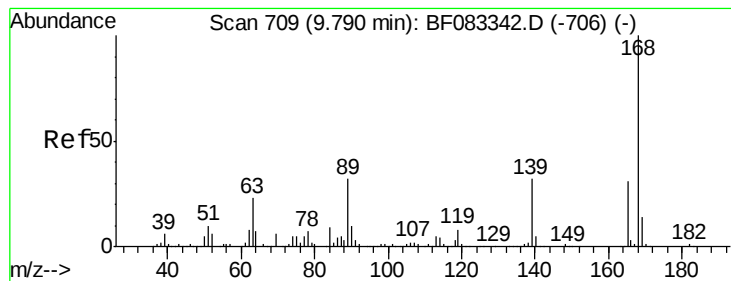
Tgt Ion:172 Resp: 1684349
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.1 20.4 30.6



#50
 2,6-Dinitrotoluene
 Concen: 7.10 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.19 min
 Lab File: BF083349.D
 Acq: 30 Nov 2015 22:40

Tgt Ion:165 Resp: 42853
 Ion Ratio Lower Upper
 165 100
 63 1.5 56.0 84.0#
 89 1.5 49.8 74.8#





#56

2,4-Dinitrotoluene

Concen: 5.59 ng

RT: 9.58 min Scan# 691

Delta R.T. -0.21 min

Lab File: BF083349.D

Acq: 30 Nov 2015 22:40

Instrument :

BNA_F

ClientSampleId :

PB86904BL

Tgt Ion:165 Resp: 42853

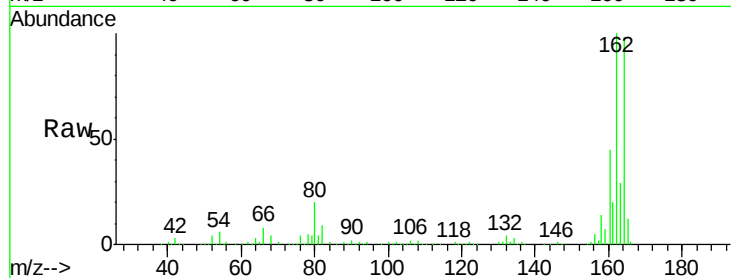
Ion Ratio Lower Upper

165 100

63 1.5 65.4 98.0#

89 1.5 81.2 121.8#

182 0.0 1.8 2.8#

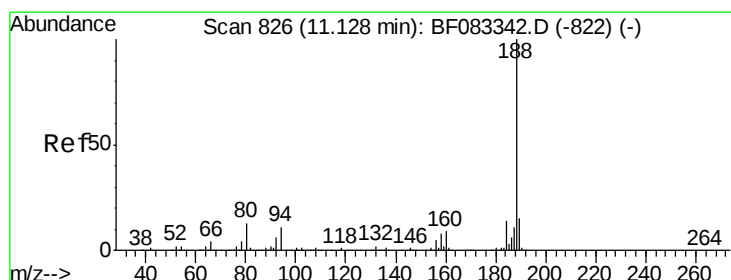
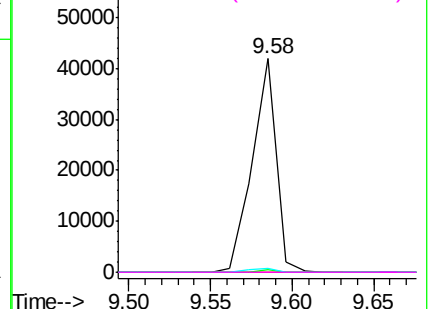
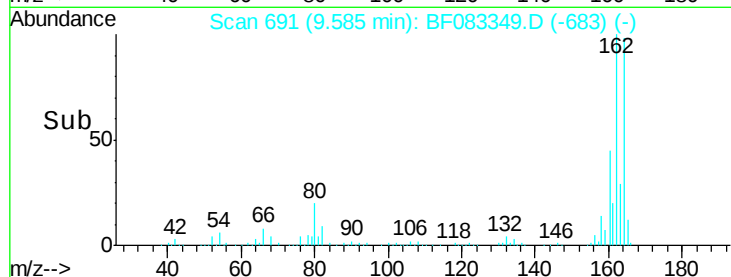


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF083349.D

Acq: 30 Nov 2015 22:40

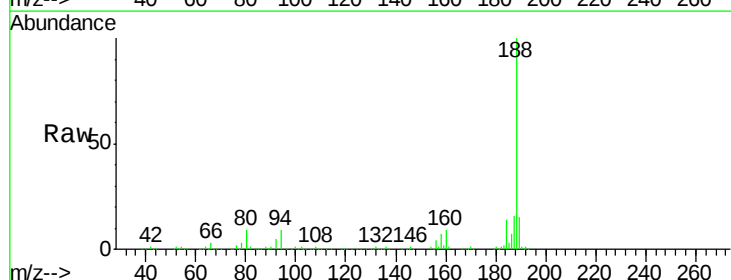
Tgt Ion:188 Resp: 666856

Ion Ratio Lower Upper

188 100

94 8.5 8.7 13.1#

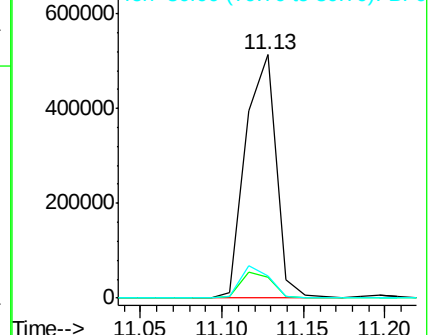
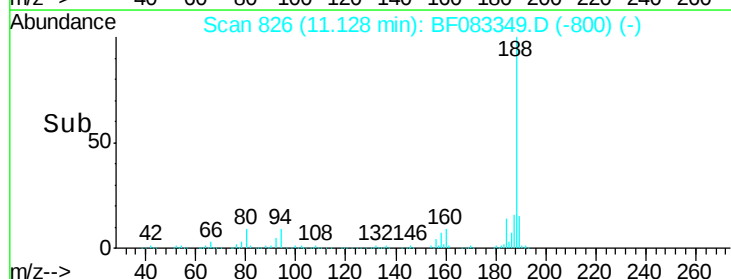
80 9.2 10.3 15.5#

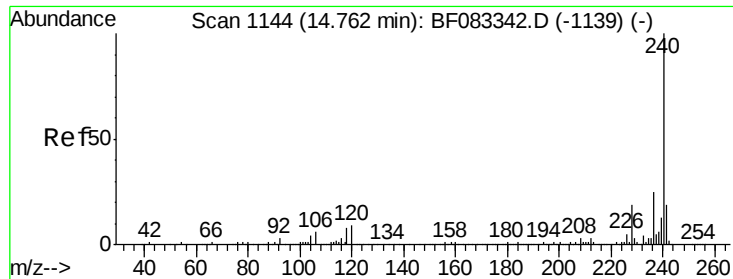


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

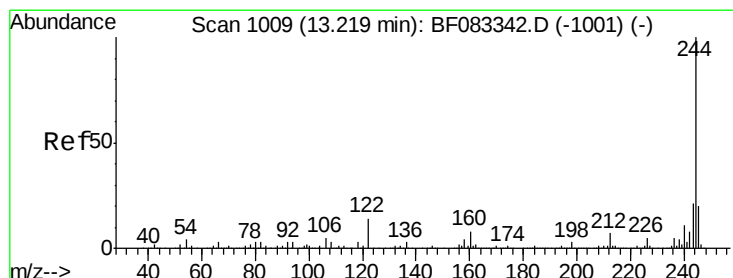
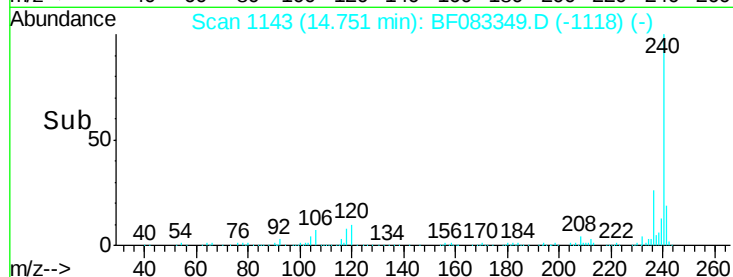
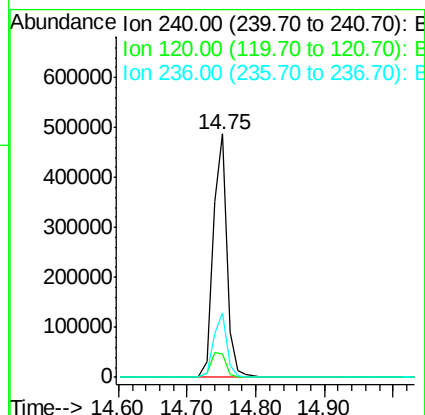
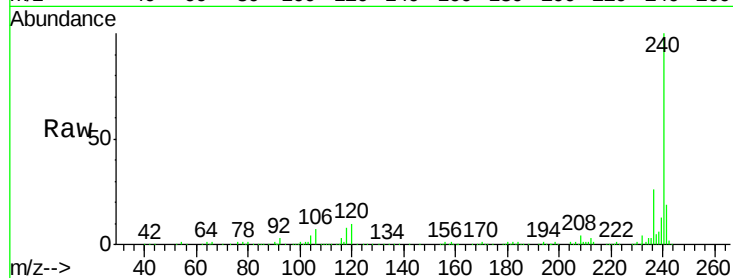




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF083349.D
 Acq: 30 Nov 2015 22:40

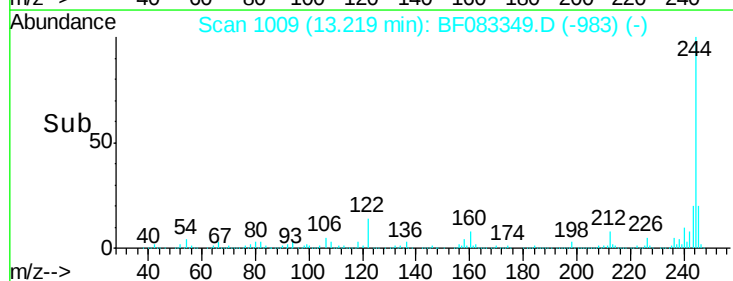
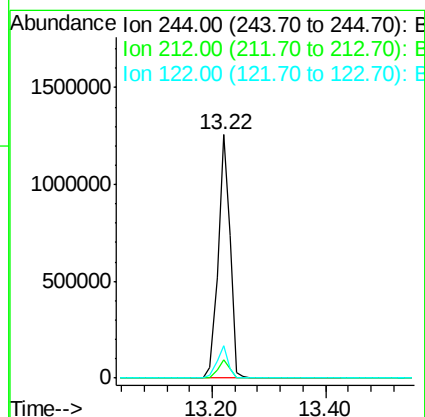
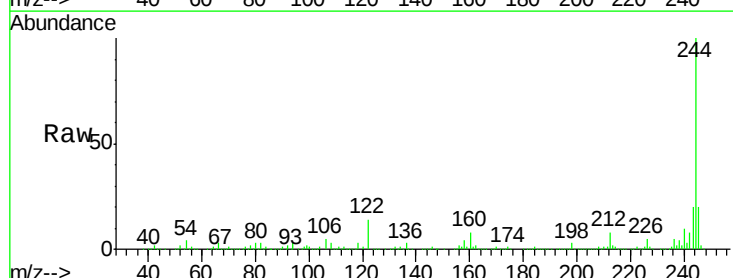
Instrument :
 BNA_F
 ClientSampleId :
 PB86904BL

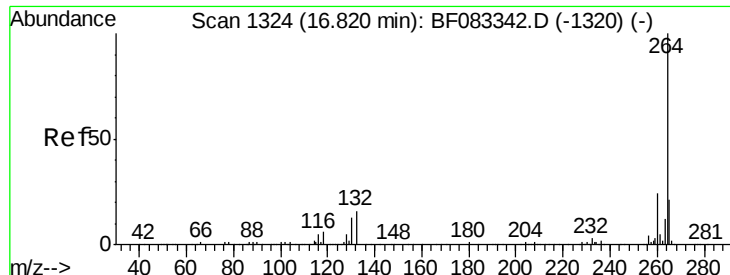
Tgt Ion:240 Resp: 682057
 Ion Ratio Lower Upper
 240 100
 120 9.6 6.9 10.3
 236 26.3 19.8 29.6



#78
 Terphenyl-d14
 Concen: 62.87 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF083349.D
 Acq: 30 Nov 2015 22:40

Tgt Ion:244 Resp: 1798206
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.8
 122 13.5 11.0 16.4

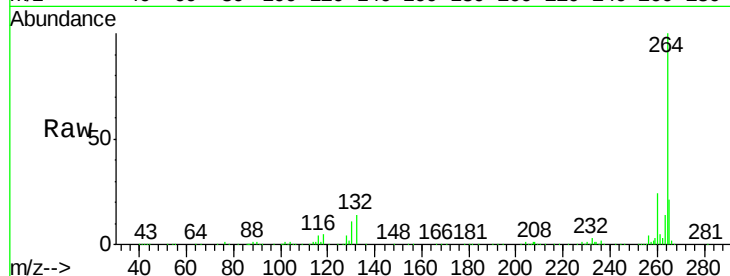




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.82 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF083349.D
Acq: 30 Nov 2015 22:40

Instrument :
BNA_F
ClientSampleId :
PB86904BL

Tgt Ion: 264 Resp: 558020
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.4
265 21.5 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

