

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085620.D
 Acq On : 21 Mar 2016 14:16
 Operator : UM/SJ
 Sample : PB89047BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BL

Quant Time: Mar 22 00:01:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

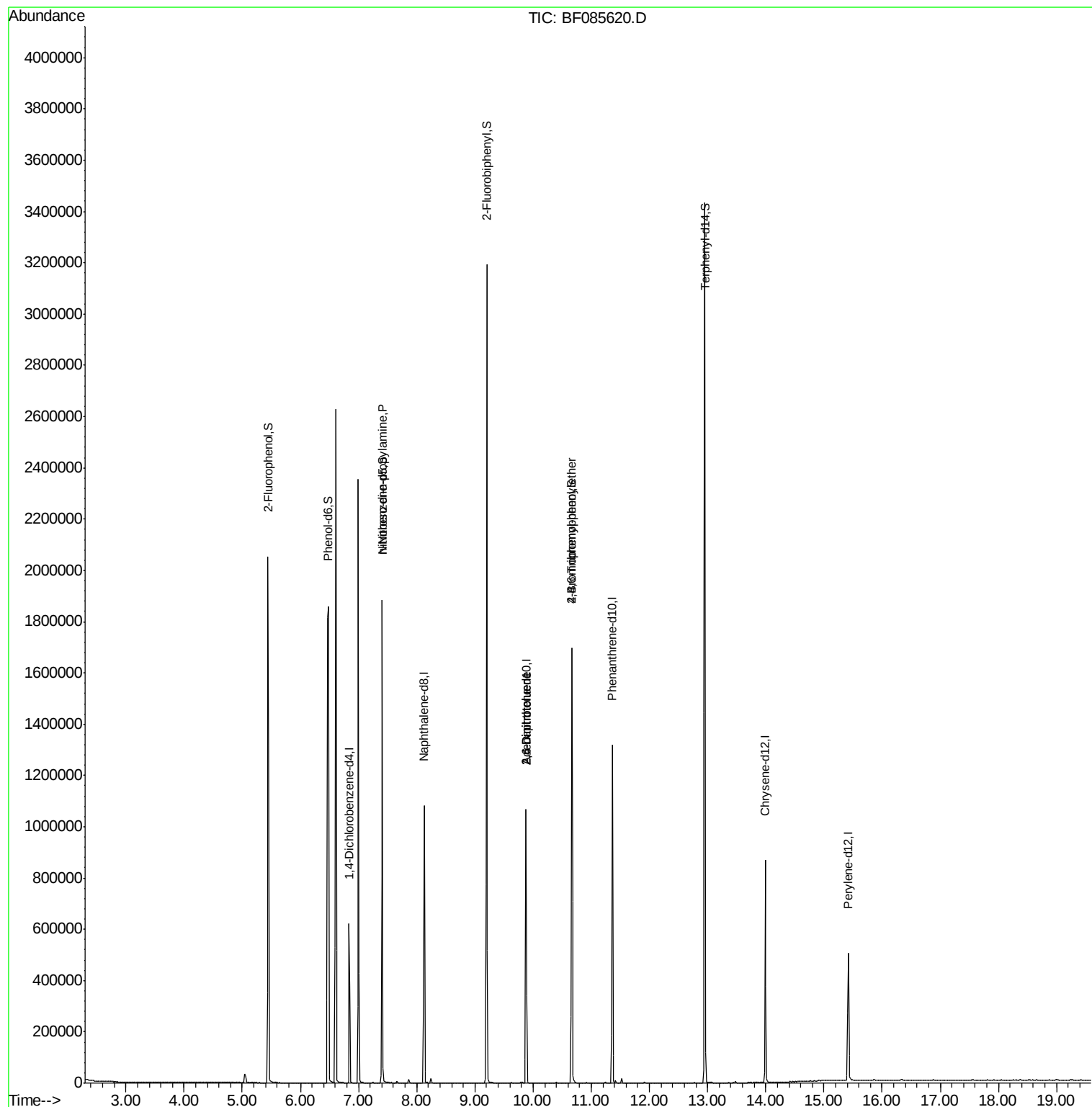
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	118543	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	503783	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	220043	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	448387	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	324067	20.00	ng	-0.02
86) Perylene-d12	15.42	264	230281	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	834339	118.22	ng	-0.01
7) Phenol-d6	6.48	99	1120234	123.76	ng	-0.01
23) Nitrobenzene-d5	7.41	82	689653	79.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	251401	116.63	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1059157	81.18	ng	-0.02
78) Terphenyl-d14	12.95	244	1159710	86.11	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	90455	16.73	ng	# 77
50) 2,6-Dinitrotoluene	9.88	165	28509	8.13	ng	# 19
56) 2,4-Dinitrotoluene	9.88	165	28510	6.21	ng	# 37
66) 4-Bromophenyl-phenylether	10.66	248	15389	3.44	ng	# 1

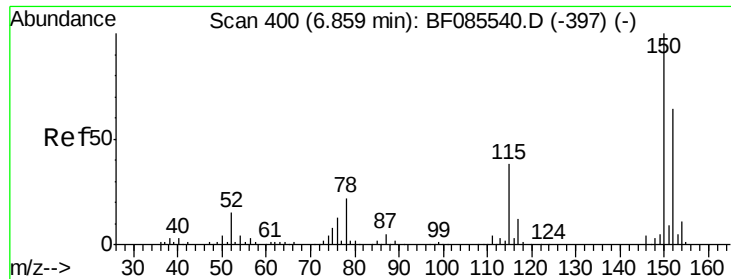
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF085620.D

Acq: 21 Mar 2016 14:16

Instrument :

BNA_F

ClientSampleId :

PB89047BL

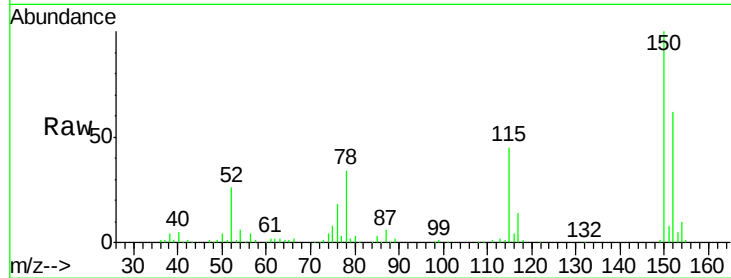
Tgt Ion:152 Resp: 118543

Ion Ratio Lower Upper

152 100

150 160.2 124.2 186.2

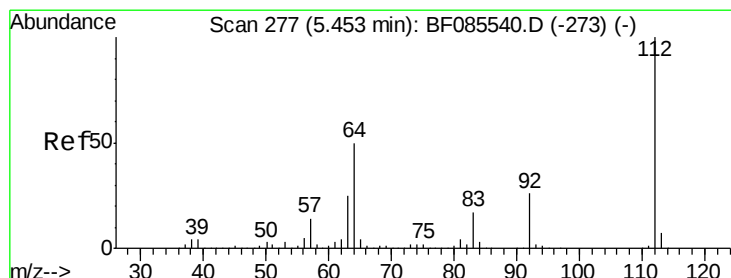
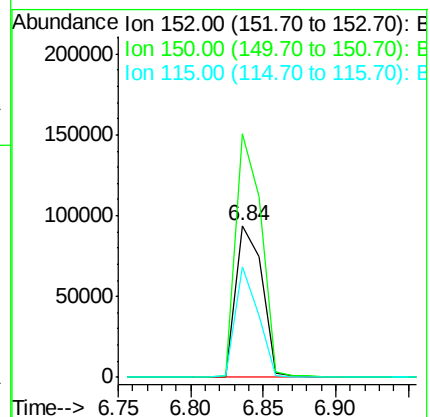
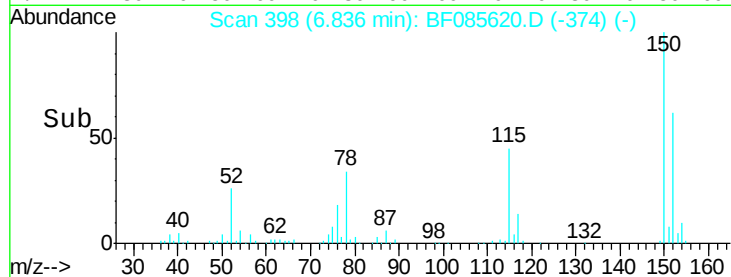
115 72.4 47.0 70.6#



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: 118.22 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085620.D

Acq: 21 Mar 2016 14:16

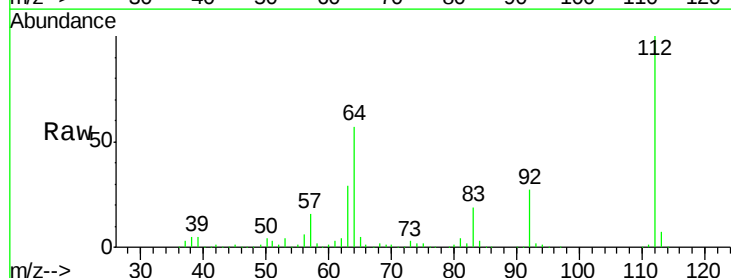
Tgt Ion:112 Resp: 834339

Ion Ratio Lower Upper

112 100

64 56.6 39.9 59.9

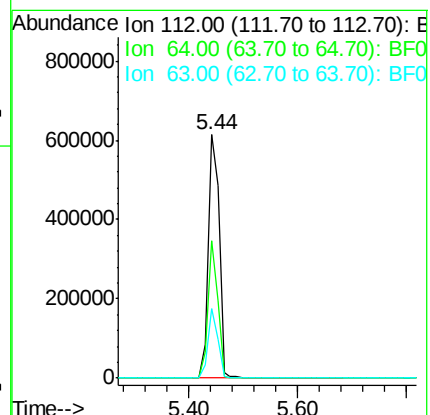
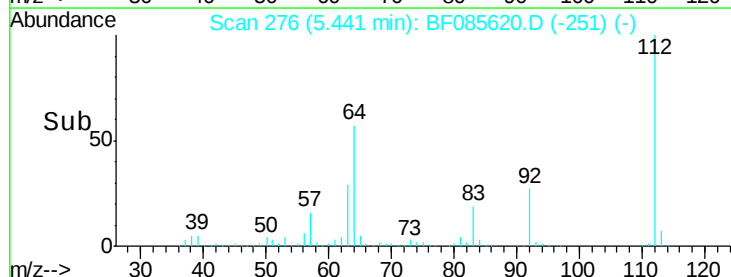
63 28.6 20.2 30.2

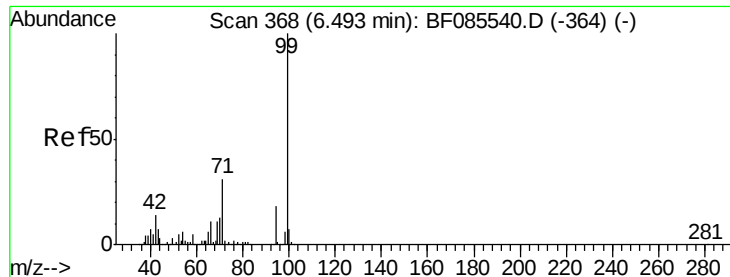


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.76 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085620.D

Acq: 21 Mar 2016 14:16

Instrument :

BNA_F

ClientSampleId :

PB89047BL

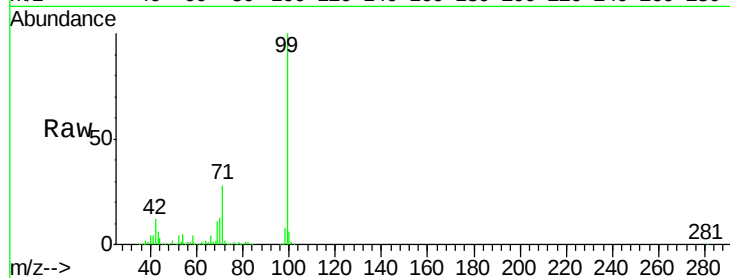
Tgt Ion: 99 Resp: 1120234

Ion Ratio Lower Upper

99 100

42 11.5 11.1 16.7

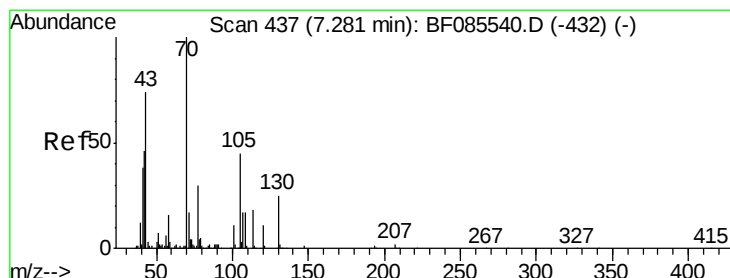
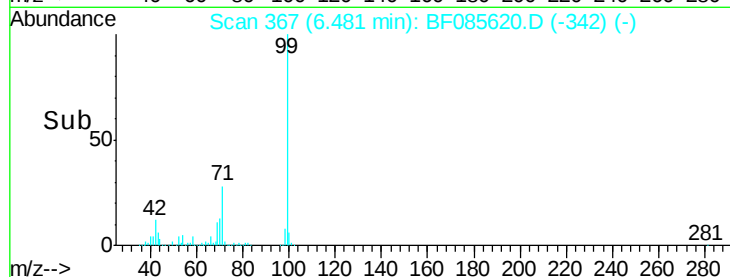
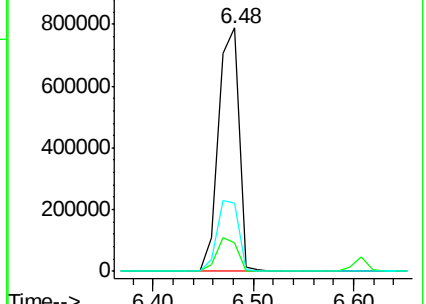
71 28.2 24.9 37.3



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: 16.73 ng

RT: 7.41 min Scan# 448

Delta R.T. 0.13 min

Lab File: BF085620.D

Acq: 21 Mar 2016 14:16

Tgt Ion: 70 Resp: 90455

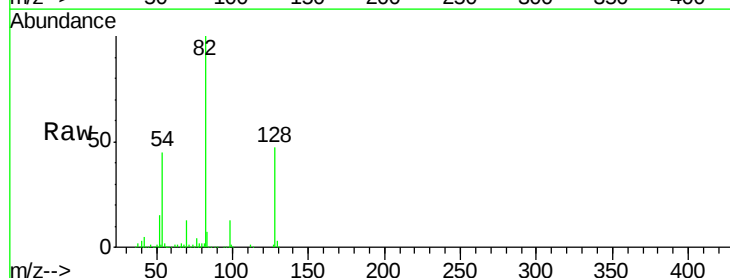
Ion Ratio Lower Upper

70 100

42 39.5 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 19.6 29.4#

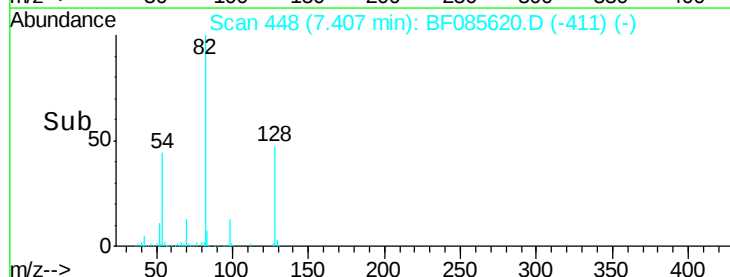
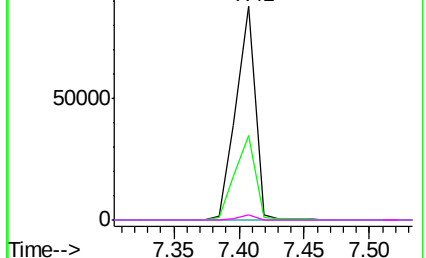


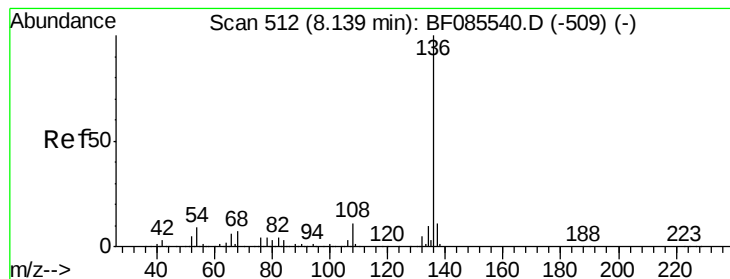
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085620.D

Acq: 21 Mar 2016 14:16

Instrument :

BNA_F

ClientSampleId :

PB89047BL

Tgt Ion:136 Resp: 503783

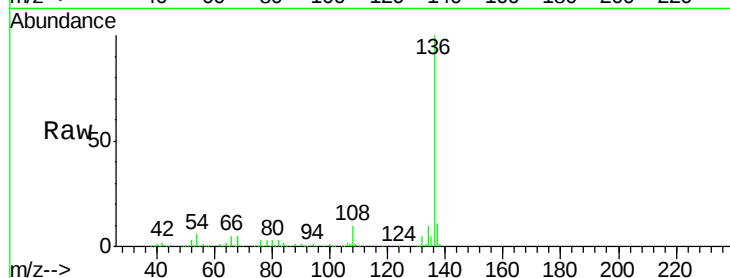
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.3 7.4 11.0#

68 5.2 5.8 8.8#

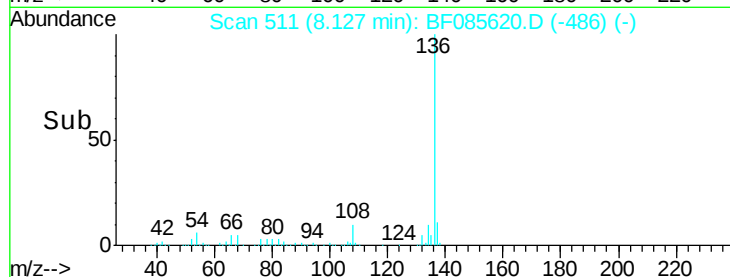


Abundance Ion 136.00 (135.70 to 136.70): E

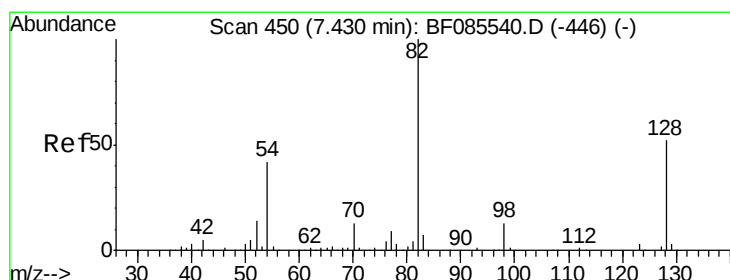
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.00 8.10 8.20 8.30



#23

Nitrobenzene-d5

Concen: 79.46 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF085620.D

Acq: 21 Mar 2016 14:16

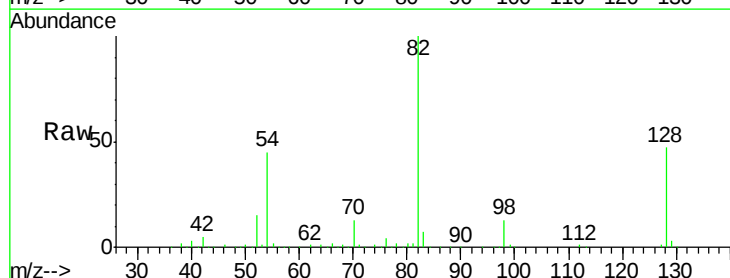
Tgt Ion: 82 Resp: 689653

Ion Ratio Lower Upper

82 100

128 47.3 41.8 62.8

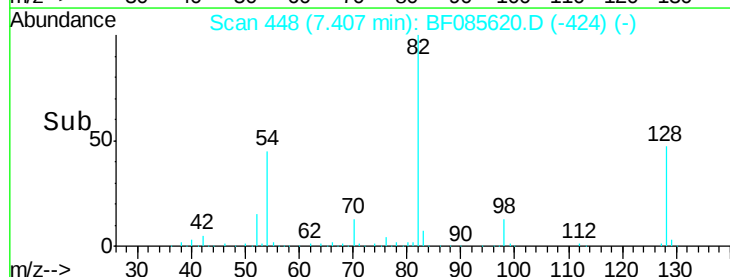
54 44.7 33.4 50.0



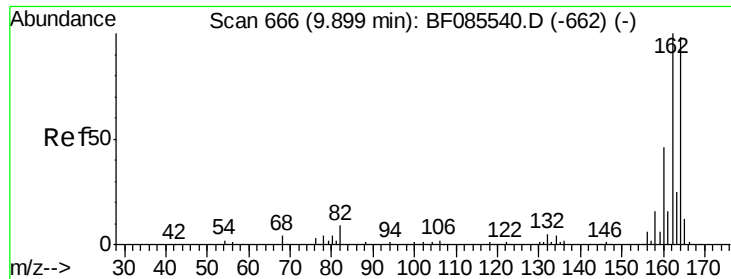
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time--> 7.30 7.40 7.50 7.60



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF085620.D

Acq: 21 Mar 2016 14:16

Instrument :

BNA_F

ClientSampleId :

PB89047BL

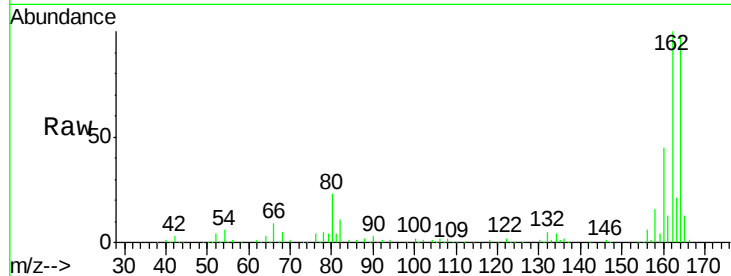
Tgt Ion:164 Resp: 220043

Ion Ratio Lower Upper

164 100

162 102.1 82.1 123.1

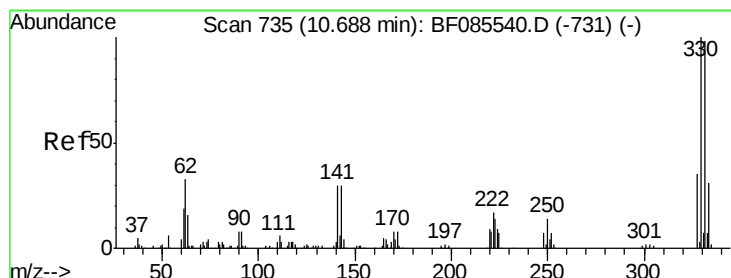
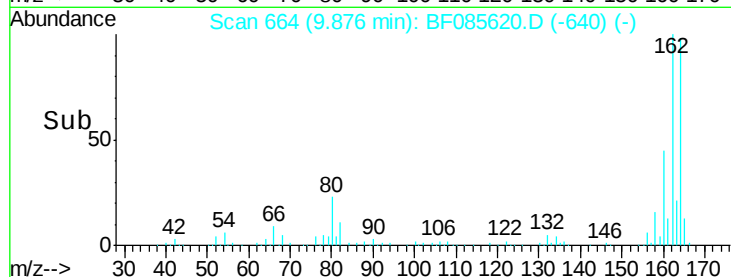
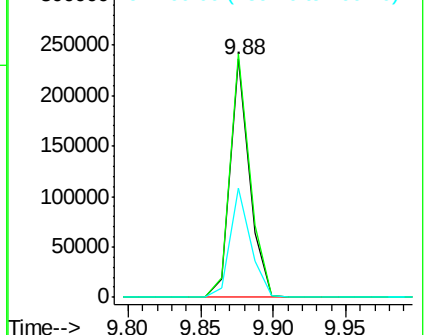
160 46.0 37.4 56.2



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: 116.63 ng

RT: 10.66 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF085620.D

Acq: 21 Mar 2016 14:16

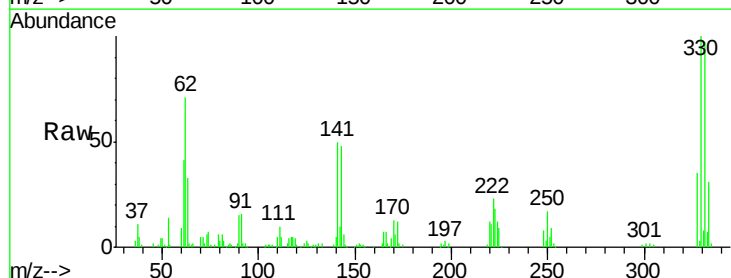
Tgt Ion:330 Resp: 251401

Ion Ratio Lower Upper

330 100

332 97.2 78.2 117.2

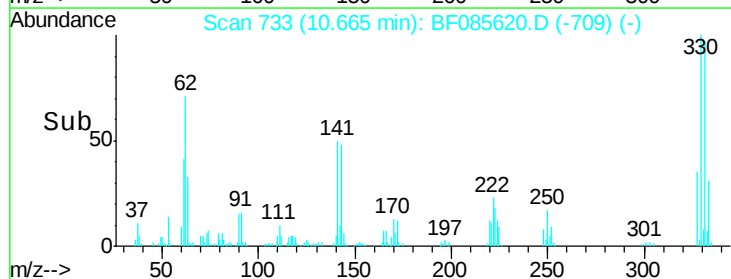
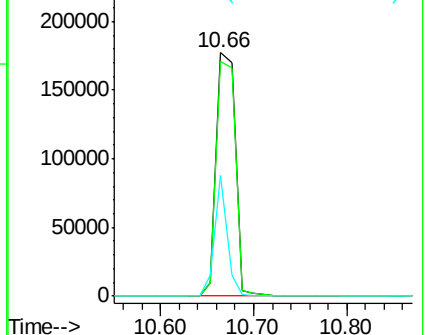
141 33.6 31.5 47.3

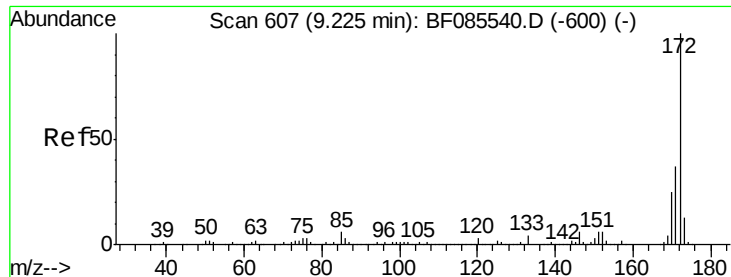


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

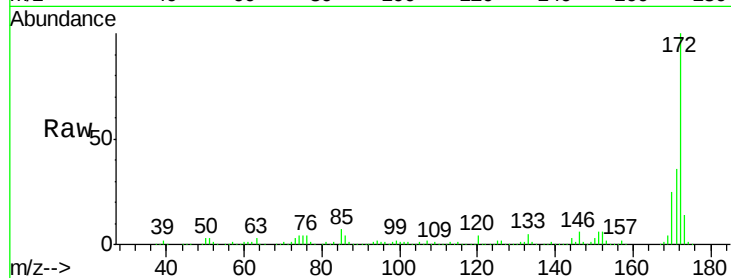




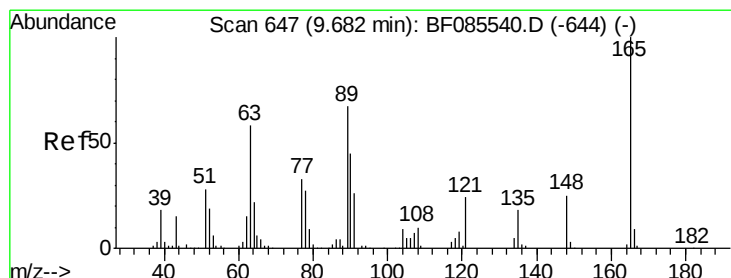
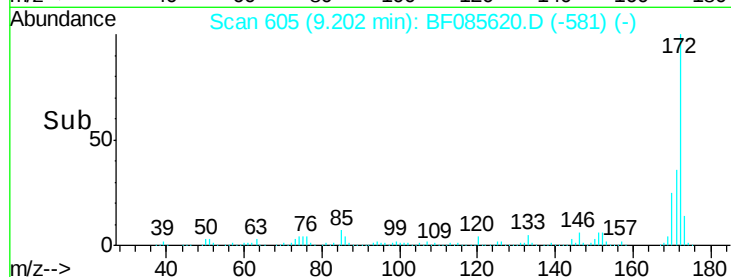
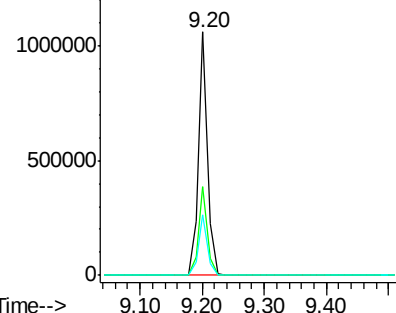
#44
 2-Fluorobiphenyl
 Concen: 81.18 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085620.D
 Acq: 21 Mar 2016 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BL

Tgt Ion:172 Resp: 1059157
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.2
 170 24.6 19.8 29.6

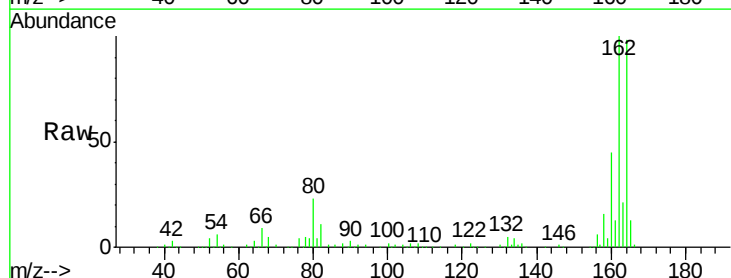


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

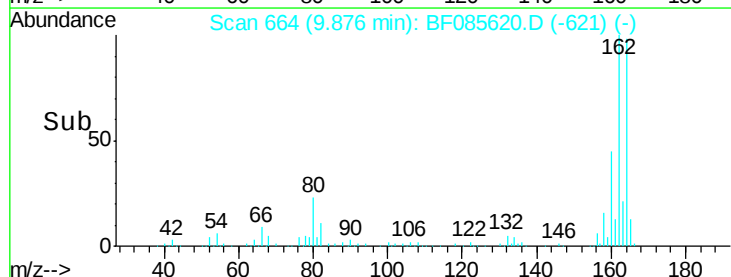
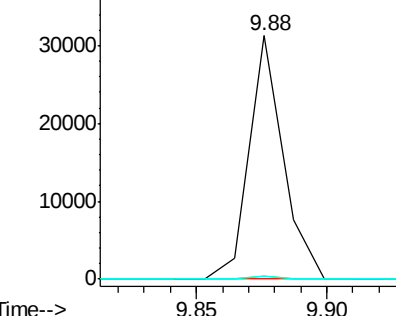


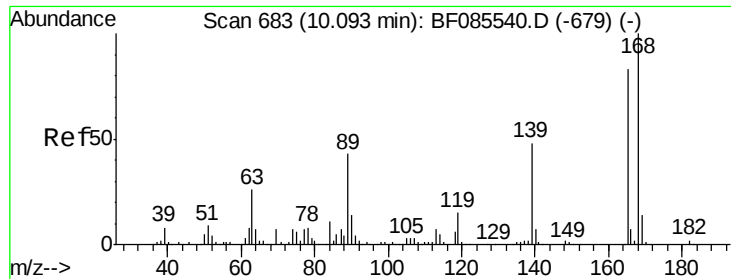
#50
 2,6-Dinitrotoluene
 Concen: 8.13 ng
 RT: 9.88 min Scan# 664
 Delta R.T. 0.19 min
 Lab File: BF085620.D
 Acq: 21 Mar 2016 14:16

Tgt Ion:165 Resp: 28509
 Ion Ratio Lower Upper
 165 100
 63 1.2 51.8 77.8#
 89 1.2 53.7 80.5#



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

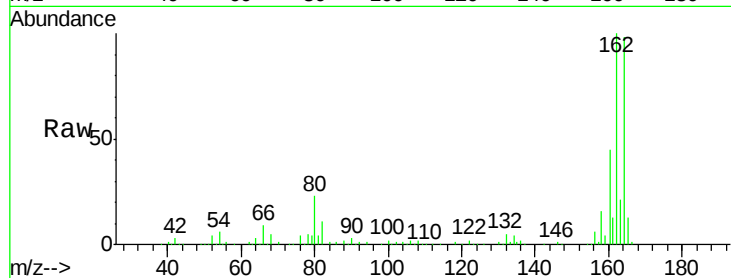




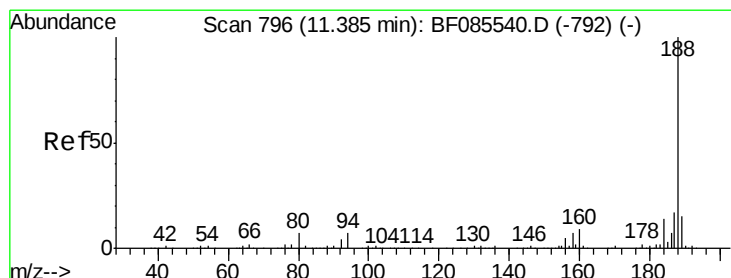
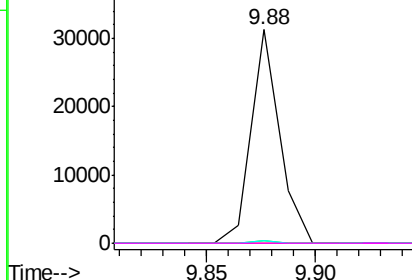
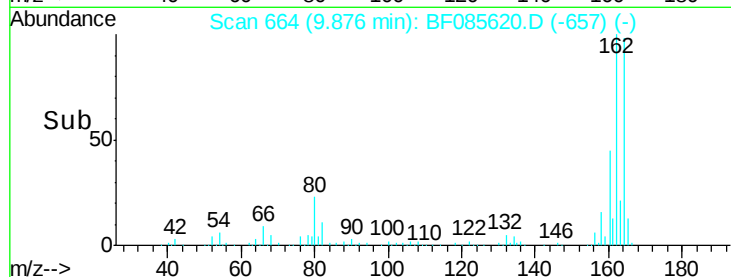
#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.22 min
 Lab File: BF085620.D
 Acq: 21 Mar 2016 14:16

Instrument :
 BNA_F
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 PB89047BL

Tgt Ion:	165	Resp:	28510
Ion Ratio	Lower	Upper	
165	100		
63	1.2	24.9	37.3#
89	1.2	41.0	61.6#
182	0.0	2.1	3.1#

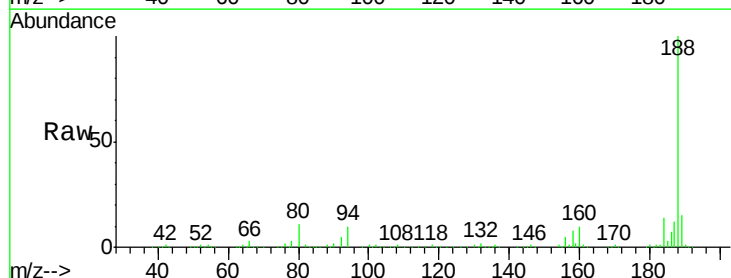


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

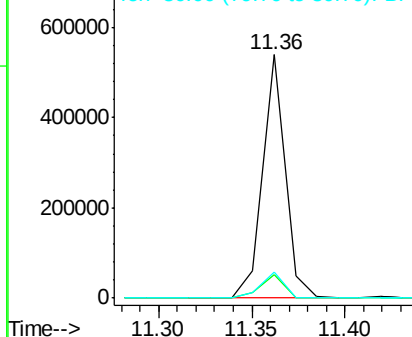
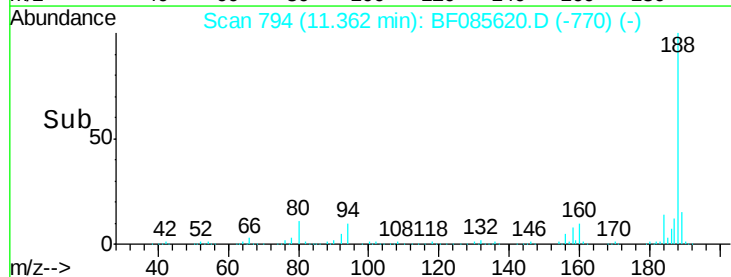


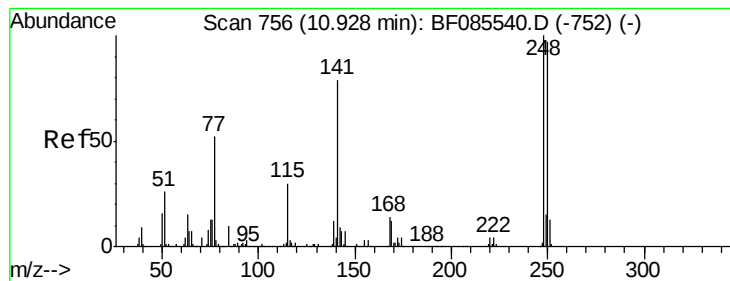
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF085620.D
 Acq: 21 Mar 2016 14:16

Tgt Ion:	188	Resp:	448387
Ion Ratio	Lower	Upper	
188	100		
94	9.7	5.4	8.0#
80	10.6	5.5	8.3#



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: 3.44 ng

RT: 10.66 min Scan# 733

Delta R.T. -0.26 min

Lab File: BF085620.D

Acq: 21 Mar 2016 14:16

Instrument :

BNA_F

ClientSampleId :

PB89047BL

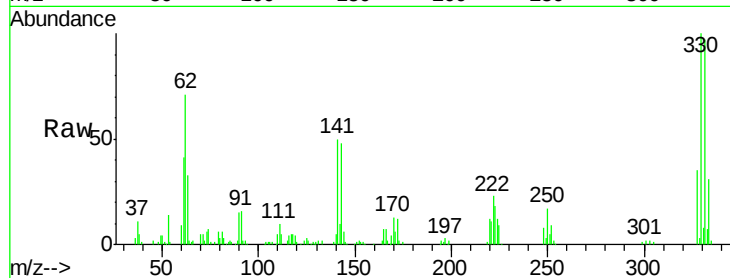
Tgt Ion:248 Resp: 15389

Ion Ratio Lower Upper

248 100

250 199.5 77.4 116.0#

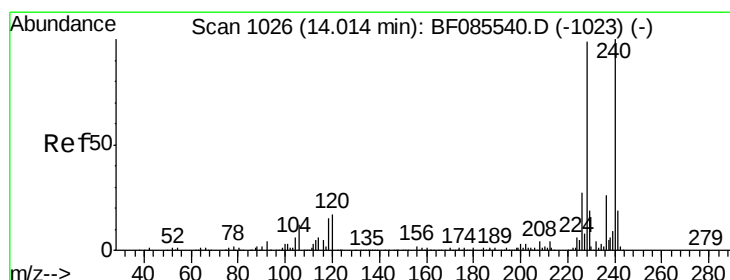
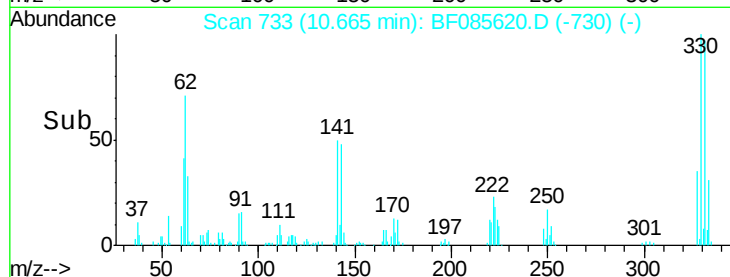
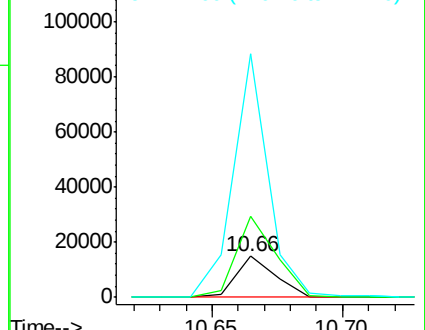
141 595.4 63.6 95.4#



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: 13.99 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF085620.D

Acq: 21 Mar 2016 14:16

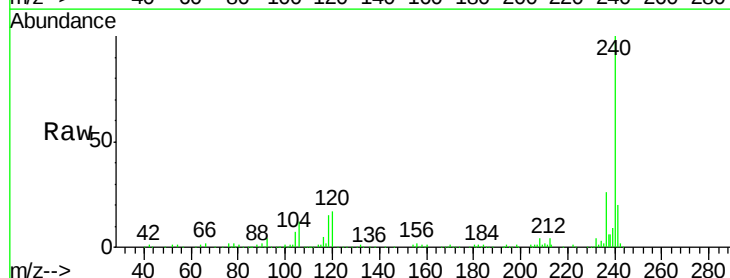
Tgt Ion:240 Resp: 324067

Ion Ratio Lower Upper

240 100

120 17.2 13.8 20.8

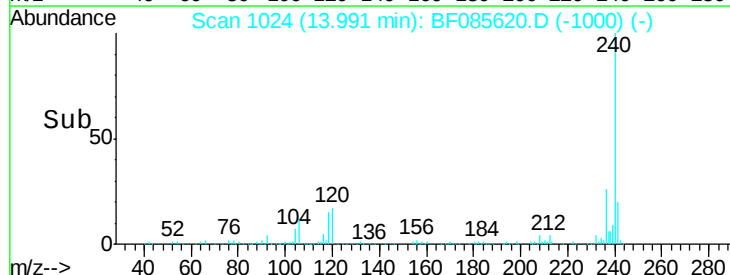
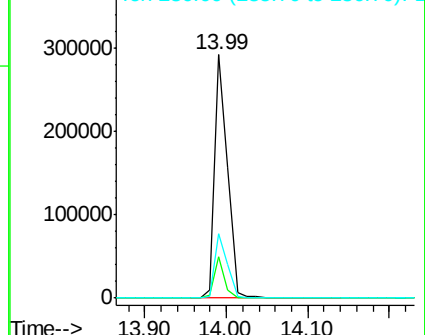
236 26.4 20.6 30.8

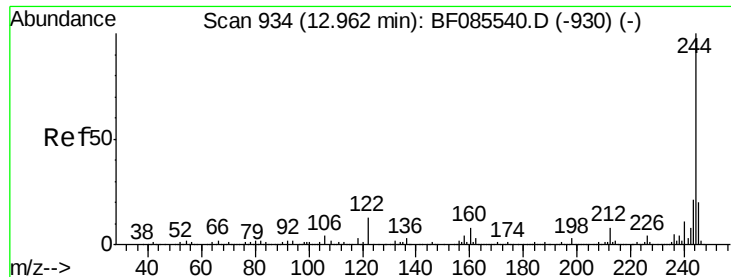


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

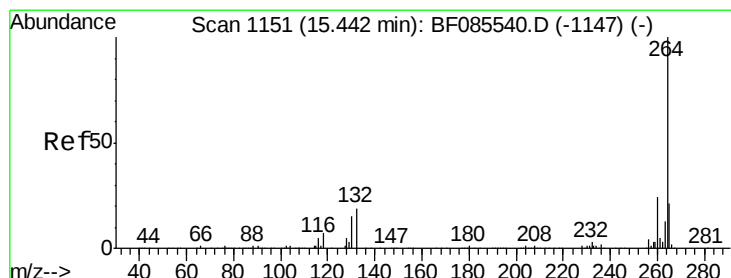
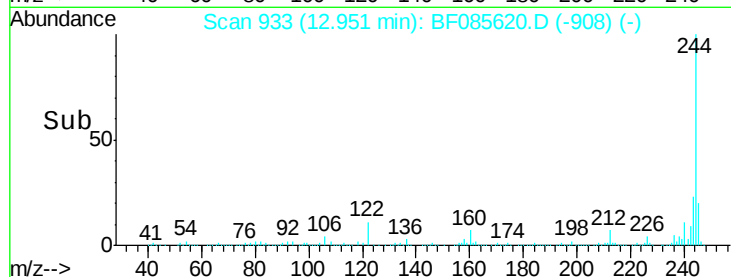
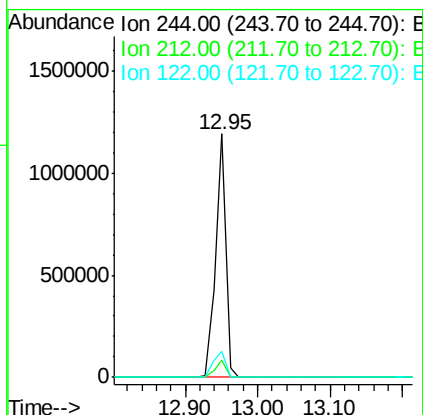
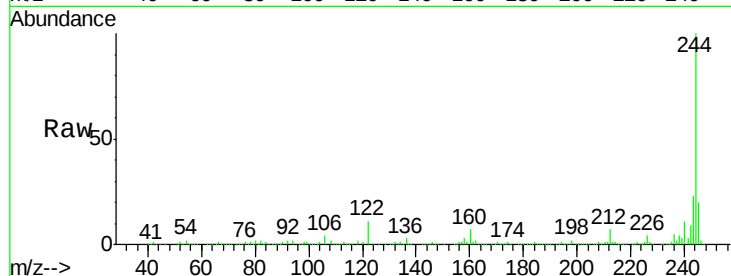




#78
 Terphenyl-d14
 Concen: 86.11 ng
 RT: 12.95 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF085620.D
 Acq: 21 Mar 2016 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BL

Tgt Ion:244 Resp: 1159710
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 10.7 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF085620.D
 Acq: 21 Mar 2016 14:16

Tgt Ion:264 Resp: 230281
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.1 17.2 25.8

