

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070115\
 Data File : BF080282.D
 Acq On : 1 Jul 2015 21:09
 Operator : TP/UM
 Sample : PB84307BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84307BL

Quant Time: Jul 02 04:10:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 03:50:52 2015
 Response via : Initial Calibration

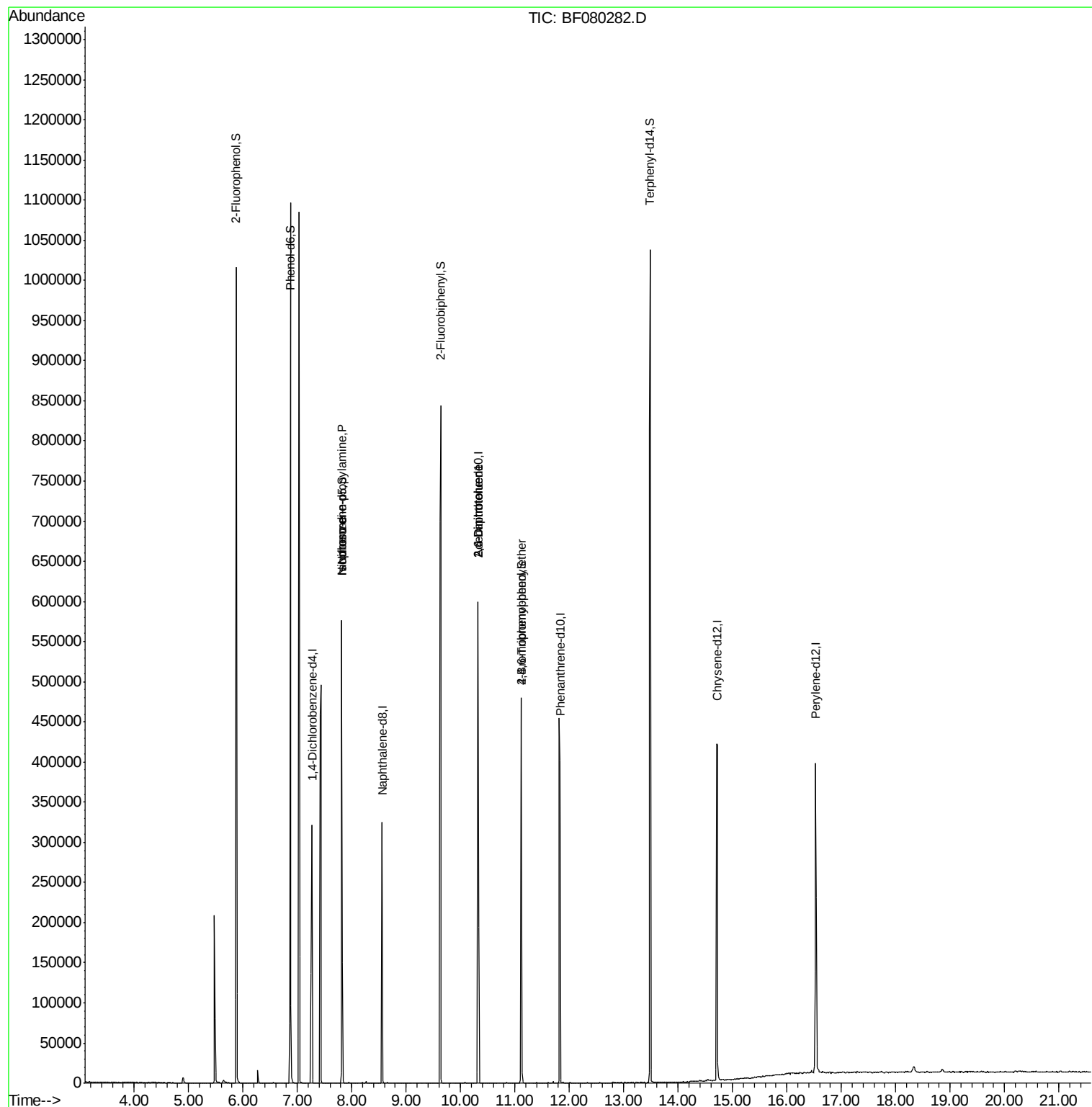
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	54860	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	213876	20.00	ng	0.00
38) Acenaphthene-d10	10.32	164	121342	20.00	ng	0.00
63) Phenanthrene-d10	11.83	188	245456	20.00	ng	0.00
75) Chrysene-d12	14.72	240	238005	20.00	ng	-0.02
86) Perylene-d12	16.53	264	214163	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.88	112	246063	77.67	ng	0.00
7) Phenol-d6	6.87	99	321840	75.68	ng	0.00
23) Nitrobenzene-d5	7.82	82	177248	45.63	ng	0.00
41) 2,4,6-Tribromophenol	11.12	330	78382	67.84	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	381797	45.29	ng	0.00
78) Terphenyl-d14	13.49	244	468580	46.12	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.82	70	22563	7.98	ng	# 82
25) Isophorone	7.82	82	174058	23.06	ng	# 65
50) 2,6-Dinitrotoluene	10.32	165	15042	7.94	ng	# 43
56) 2,4-Dinitrotoluene	10.32	165	15043	6.12	ng	# 19
66) 4-Bromophenyl-phenylether	11.12	248	5603	2.11	ng	# 1

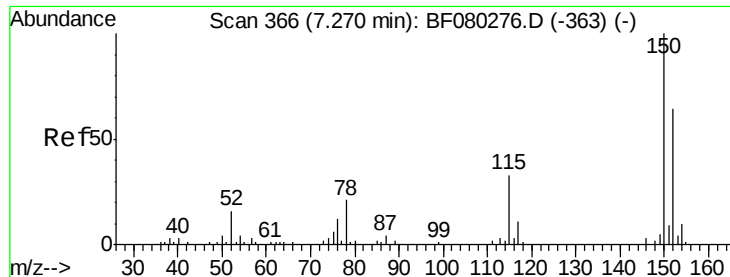
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 02 03:50:52 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF080282.D

Acq: 1 Jul 2015 21:09

Instrument :

BNA_F

ClientSampleId :

PB84307BL

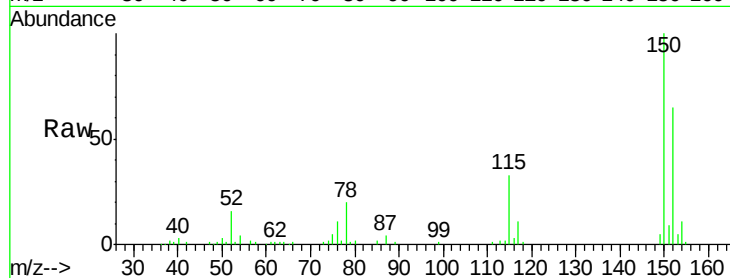
Tgt Ion:152 Resp: 54860

Ion Ratio Lower Upper

152 100

150 154.5 124.7 187.1

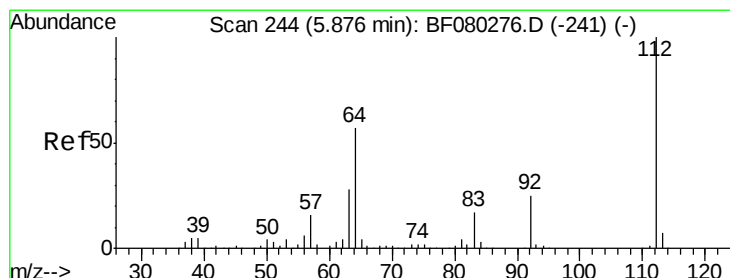
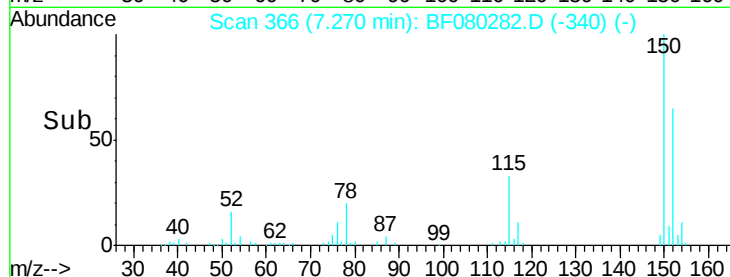
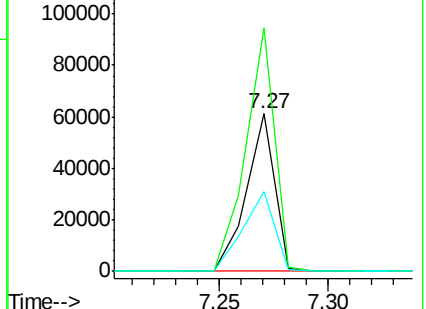
115 50.6 41.0 61.6



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: 77.67 ng

RT: 5.88 min Scan# 244

Delta R.T. 0.00 min

Lab File: BF080282.D

Acq: 1 Jul 2015 21:09

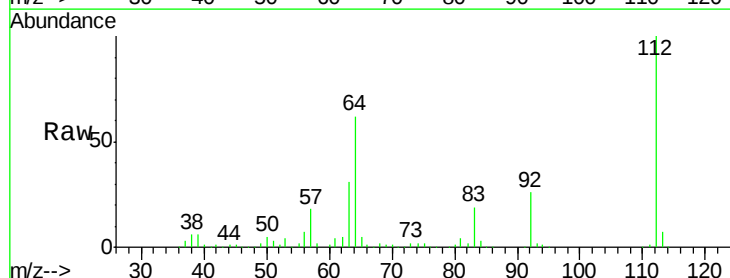
Tgt Ion:112 Resp: 246063

Ion Ratio Lower Upper

112 100

64 62.2 45.5 68.3

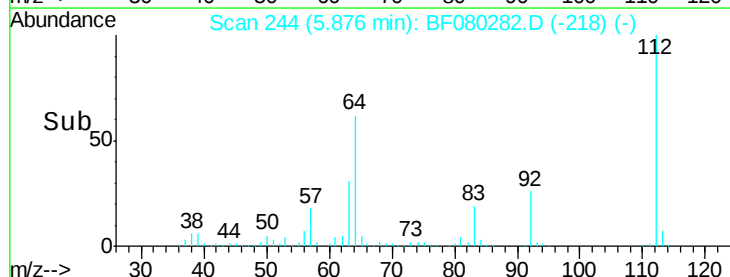
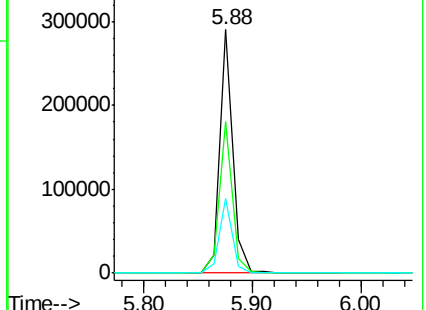
63 30.8 22.4 33.6

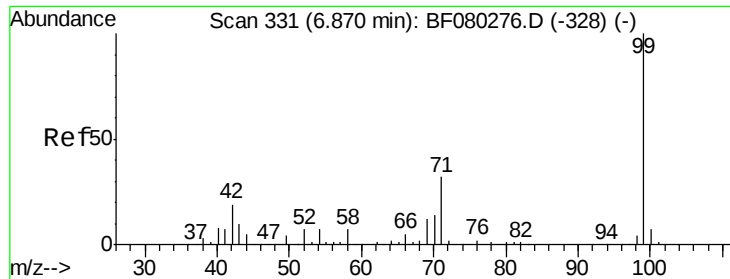


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 75.68 ng

RT: 6.87 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF080282.D

Acq: 1 Jul 2015 21:09

Instrument :

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PB84307BL

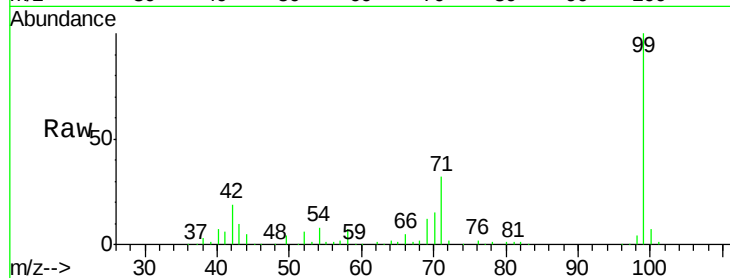
Tgt Ion: 99 Resp: 321840

Ion Ratio Lower Upper

99 100

42 19.3 15.4 23.2

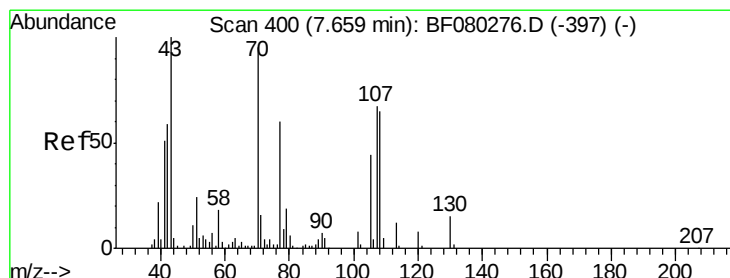
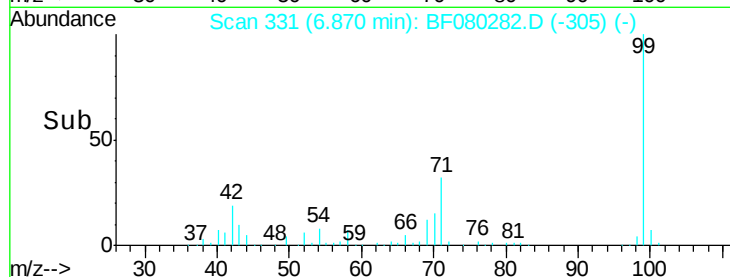
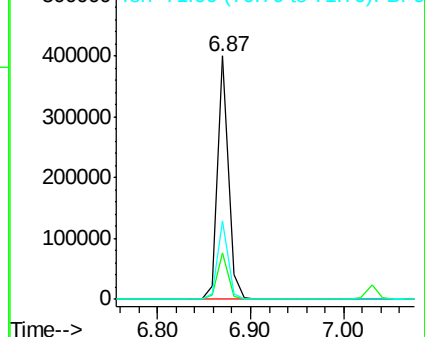
71 32.3 25.8 38.8



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: 7.98 ng

RT: 7.82 min Scan# 414

Delta R.T. 0.16 min

Lab File: BF080282.D

Acq: 1 Jul 2015 21:09

Tgt Ion: 70 Resp: 22563

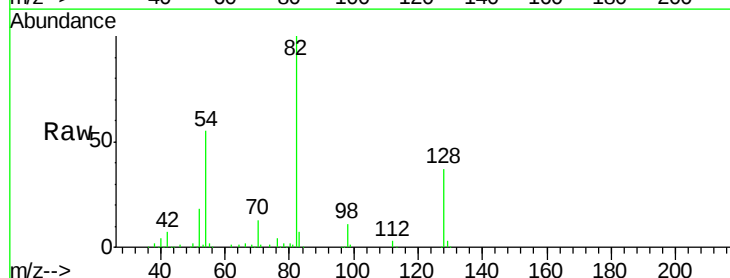
Ion Ratio Lower Upper

70 100

42 51.9 49.8 74.8

101 0.0 6.8 10.2#

130 1.8 13.0 19.4#

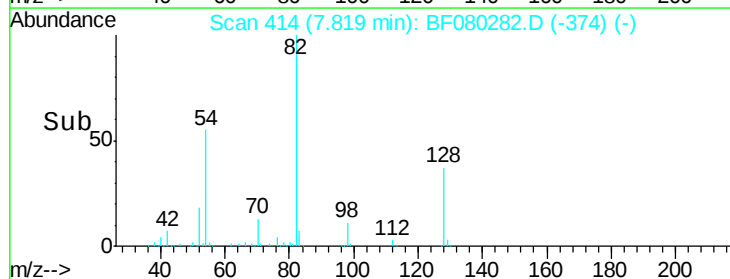
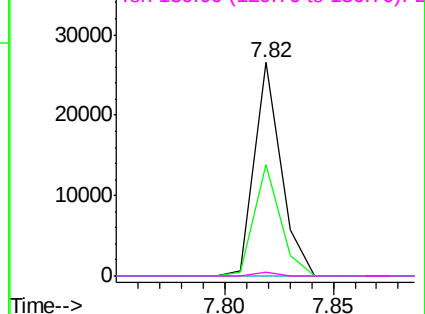


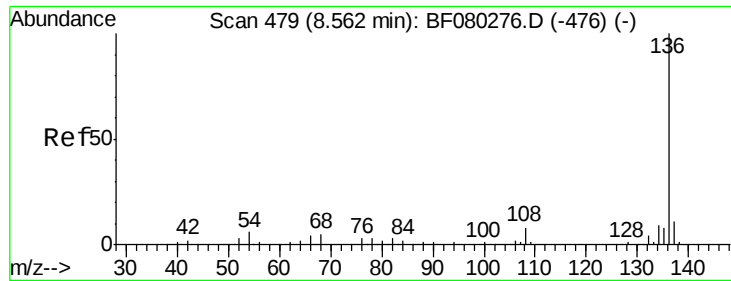
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

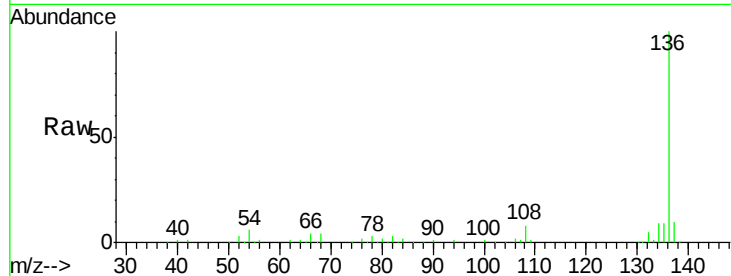




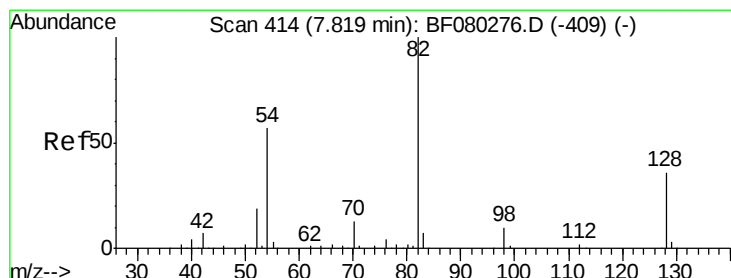
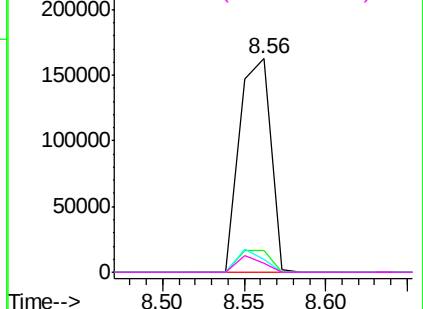
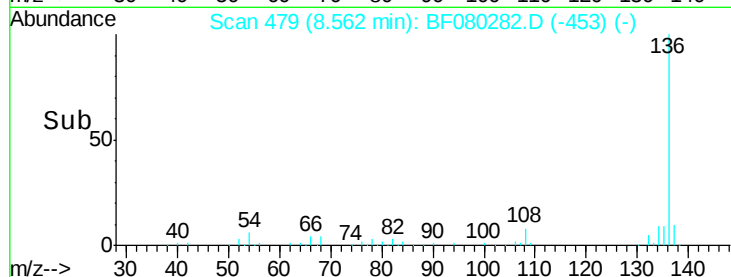
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.56 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF080282.D
Acq: 1 Jul 2015 21:09

Instrument :
BNA_F
ClientSampleId :
PB84307BL

Tgt Ion:	136	Resp:	213876
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	5.8	4.9	7.3
68	4.2	4.0	6.0

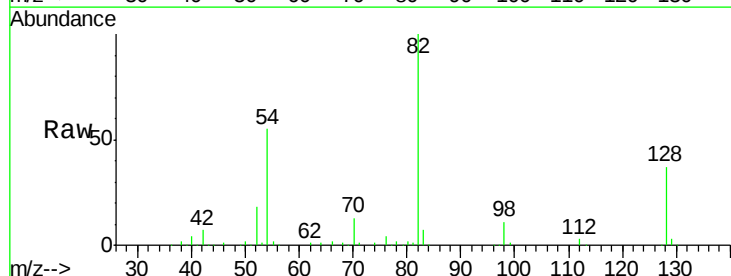


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

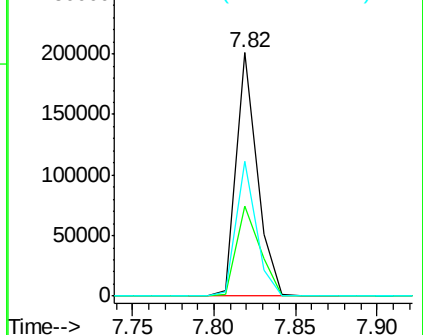
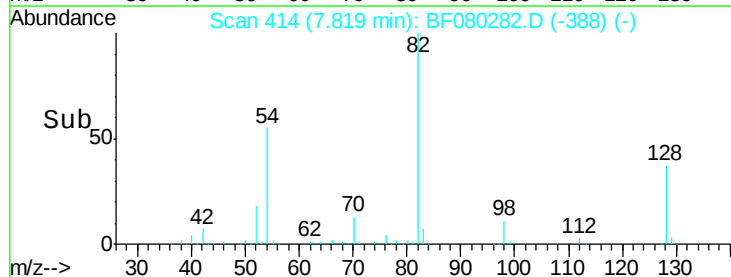


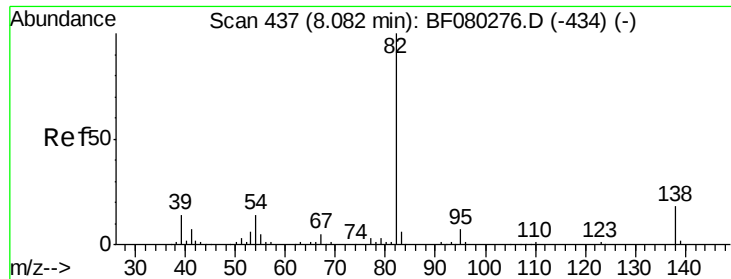
#23
Nitrobenzene-d5
Concen: 45.63 ng
RT: 7.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF080282.D
Acq: 1 Jul 2015 21:09

Tgt Ion:	82	Resp:	177248
Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.0	43.4
54	55.2	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

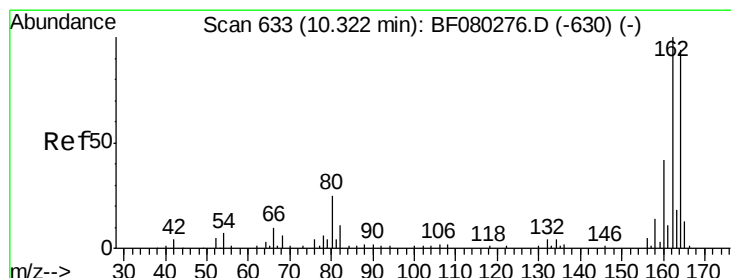
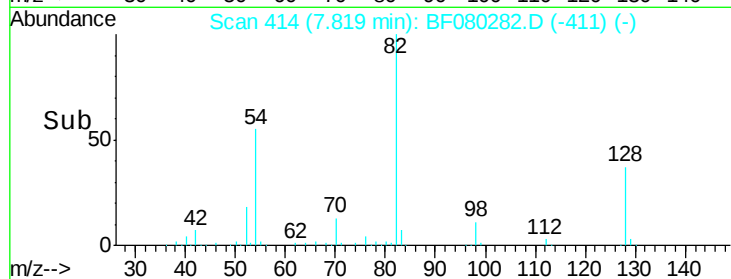
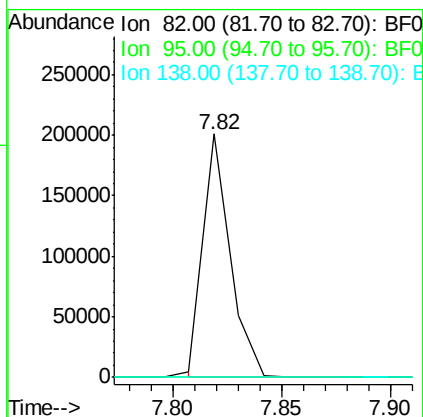
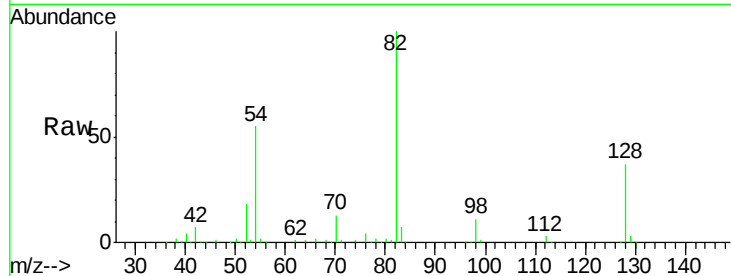




#25
Isophorone
Concen: 23.06 ng
RT: 7.82 min Scan# 414
Delta R.T. -0.26 min
Lab File: BF080282.D
Acq: 1 Jul 2015 21:09

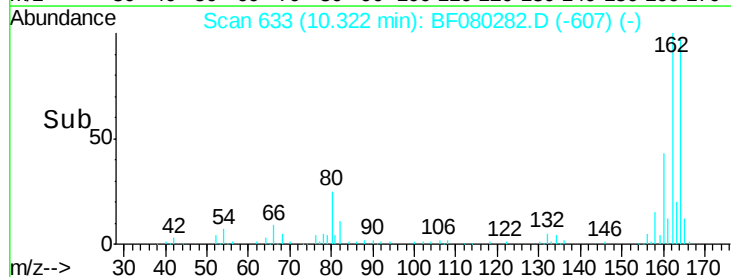
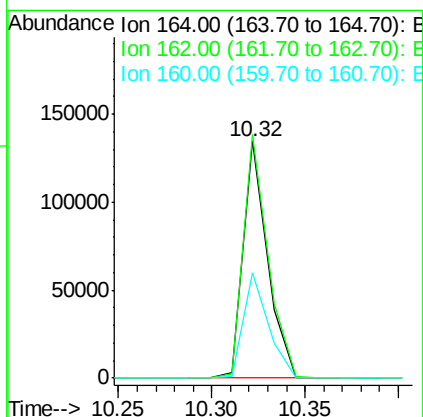
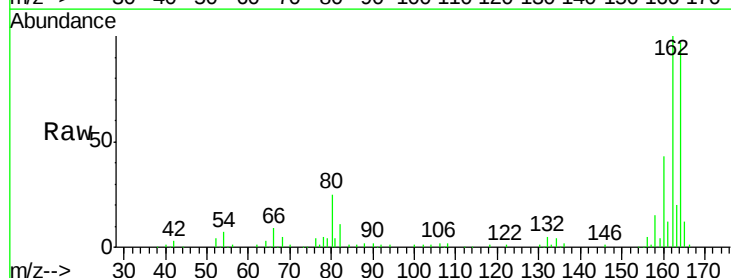
Instrument :
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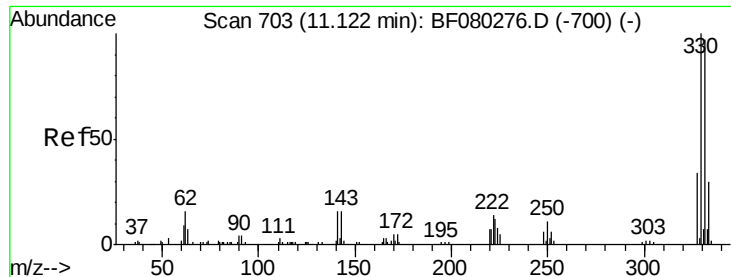
Tgt Ion: 82 Resp: 174058
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.4 21.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.32 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF080282.D
Acq: 1 Jul 2015 21:09

Tgt Ion: 164 Resp: 121342
Ion Ratio Lower Upper
164 100
162 102.9 84.8 127.2
160 44.3 35.8 53.8

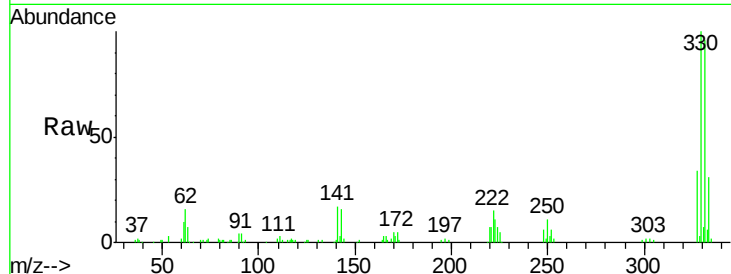




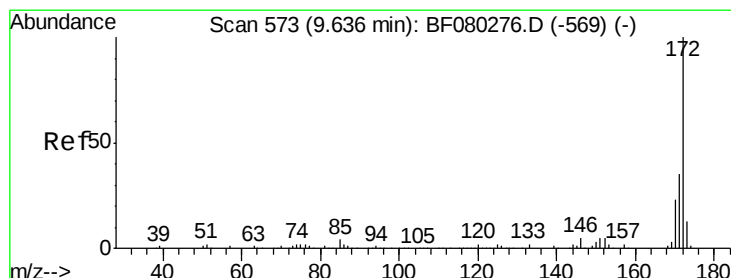
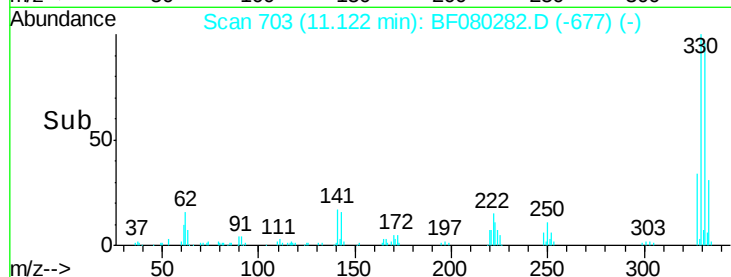
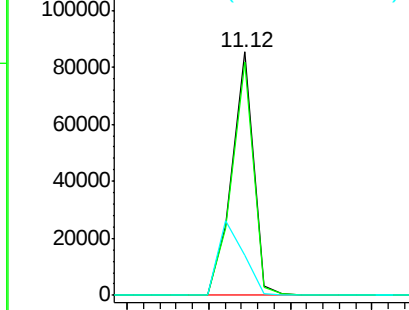
#41
 2,4,6-Tribromophenol
 Concen: 67.84 ng
 RT: 11.12 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF080282.D
 Acq: 1 Jul 2015 21:09

Instrument :
 BNA_F
 ClientSampleId :
 PB84307BL

Tgt Ion:330 Resp: 78382
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 35.6 28.0 42.0

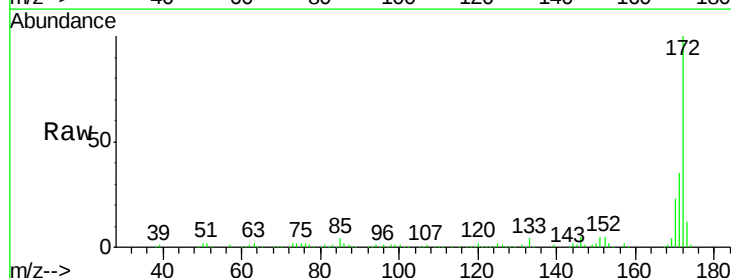


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

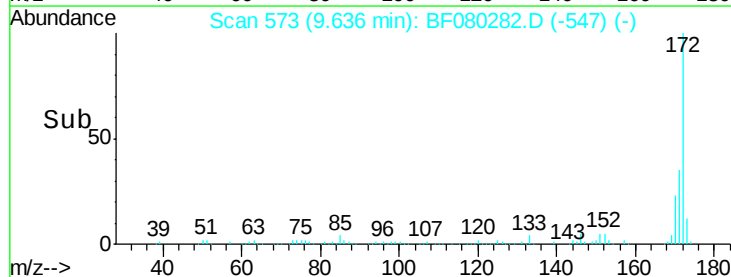
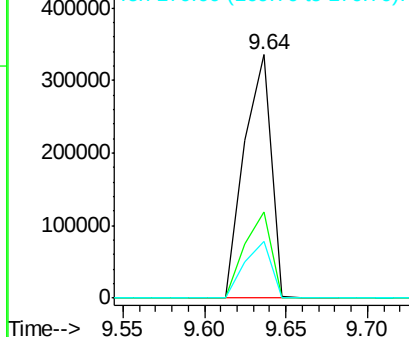


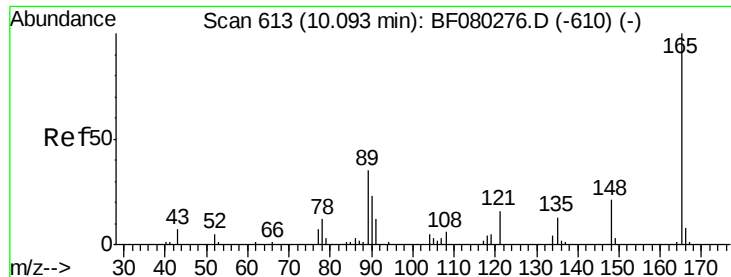
#44
 2-Fluorobiphenyl
 Concen: 45.29 ng
 RT: 9.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF080282.D
 Acq: 1 Jul 2015 21:09

Tgt Ion:172 Resp: 381797
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.1 42.1
 170 23.4 18.6 28.0



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

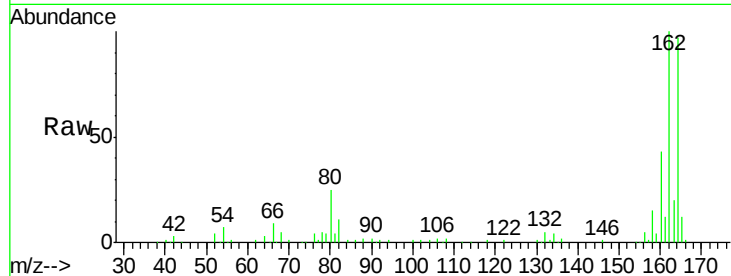




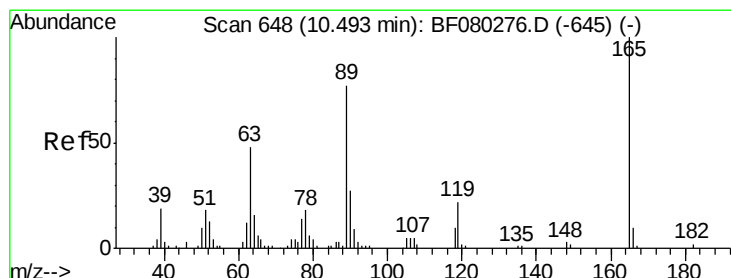
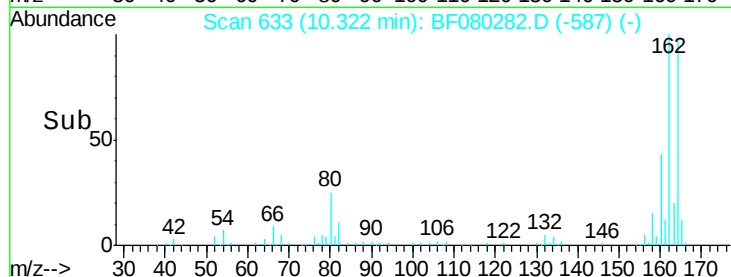
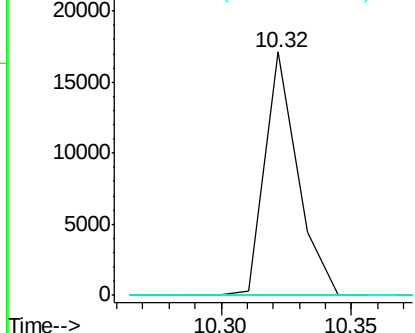
#50
 2,6-Dinitrotoluene
 Concen: 7.94 ng
 RT: 10.32 min Scan# 633
 Delta R.T. 0.23 min
 Lab File: BF080282.D
 Acq: 1 Jul 2015 21:09

Instrument :
 BNA_F
 ClientSampleId :
 PB84307BL

Tgt Ion:165 Resp: 15042
 Ion Ratio Lower Upper
 165 100
 63 0.0 23.4 35.0#
 89 0.0 27.7 41.5#



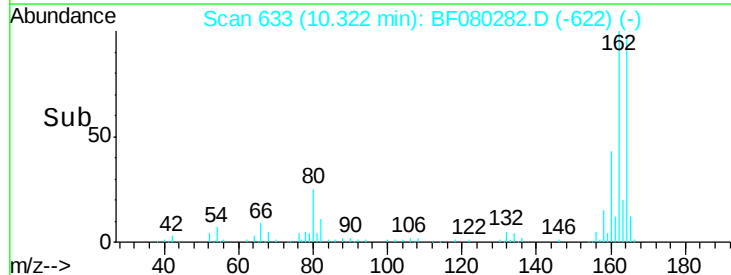
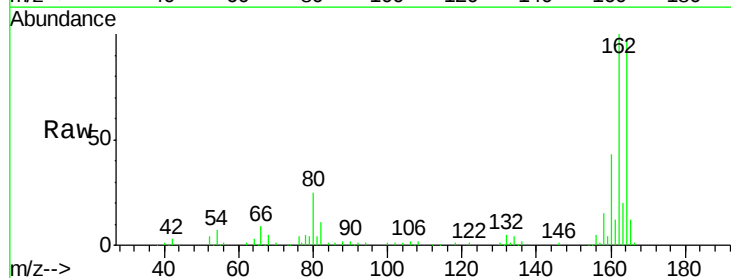
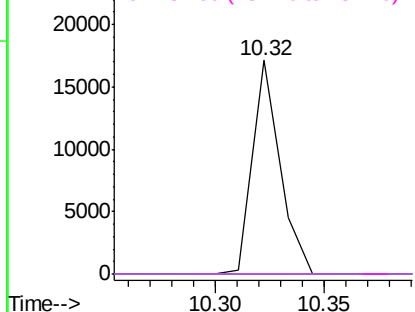
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

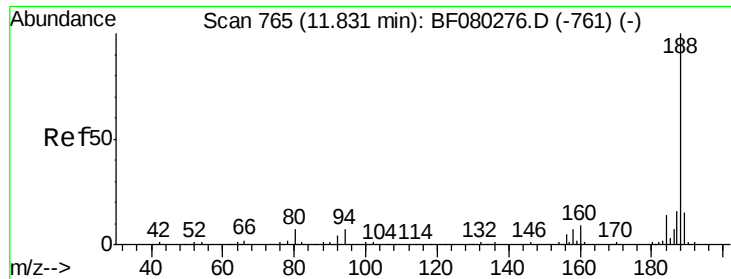


#56
 2,4-Dinitrotoluene
 Concen: 6.12 ng
 RT: 10.32 min Scan# 633
 Delta R.T. -0.17 min
 Lab File: BF080282.D
 Acq: 1 Jul 2015 21:09

Tgt Ion:165 Resp: 15043
 Ion Ratio Lower Upper
 165 100
 63 0.0 38.7 58.1#
 89 0.0 62.0 93.0#
 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

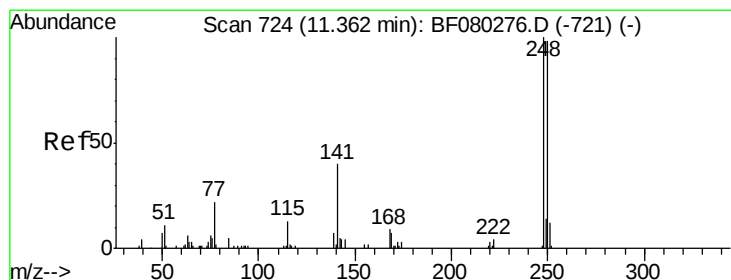
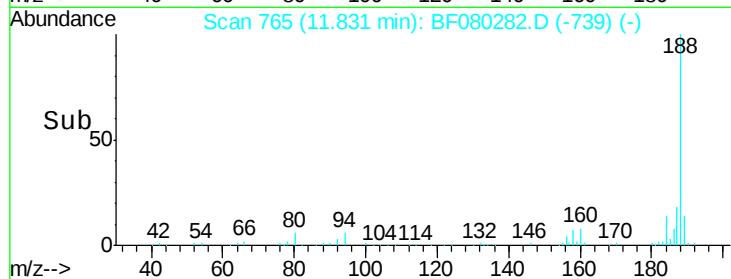
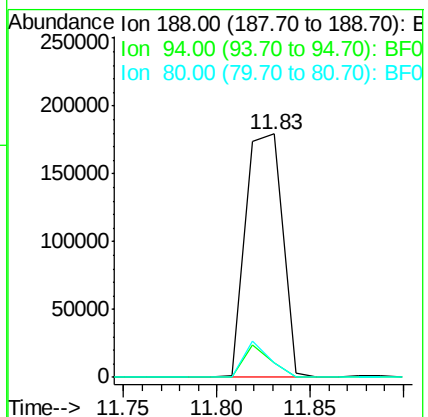
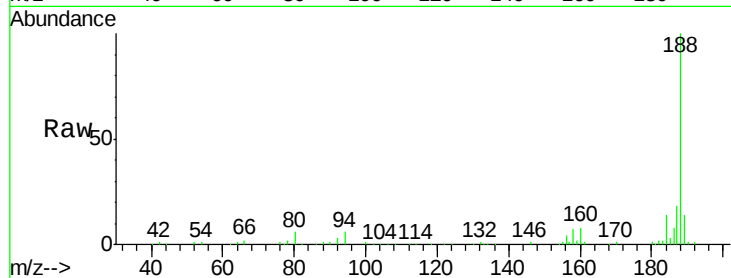




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.83 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF080282.D
Acq: 1 Jul 2015 21:09

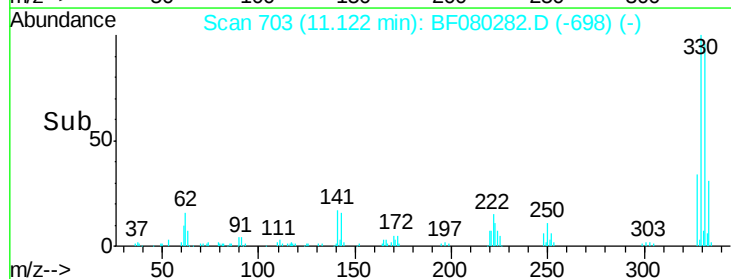
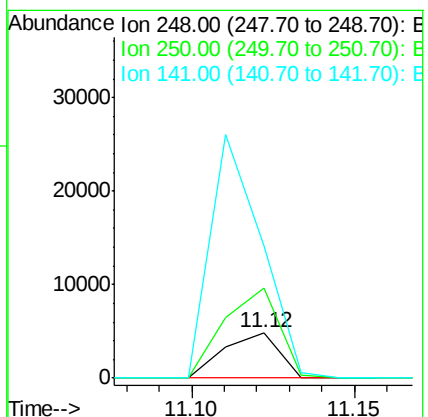
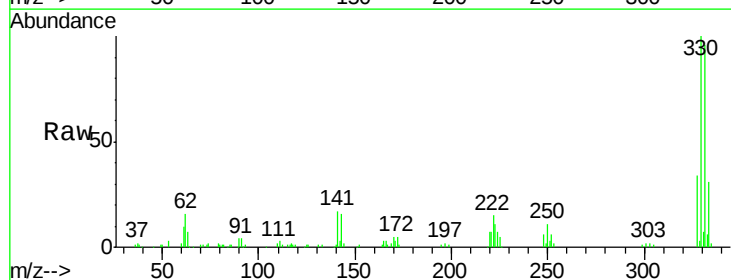
Instrument :
BNA_F
ClientSampleId :
PB84307BL

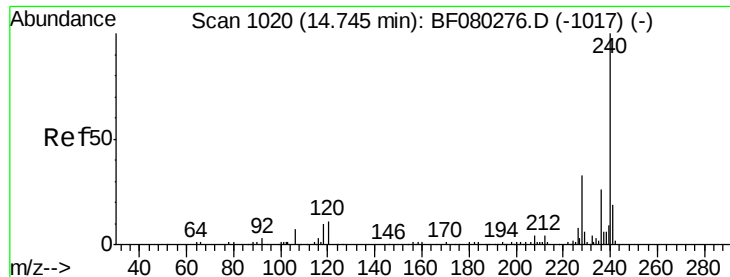
Tgt Ion:188 Resp: 245456
Ion Ratio Lower Upper
188 100
94 6.0 5.4 8.0
80 6.2 5.8 8.6



#66
4-Bromophenyl-phenylether
Concen: 2.11 ng
RT: 11.12 min Scan# 703
Delta R.T. -0.24 min
Lab File: BF080282.D
Acq: 1 Jul 2015 21:09

Tgt Ion:248 Resp: 5603
Ion Ratio Lower Upper
248 100
250 195.8 78.2 117.4#
141 289.0 31.9 47.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.72 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BF080282.D

Acq: 1 Jul 2015 21:09

Instrument :

BNA_F

ClientSampleId :

PB84307BL

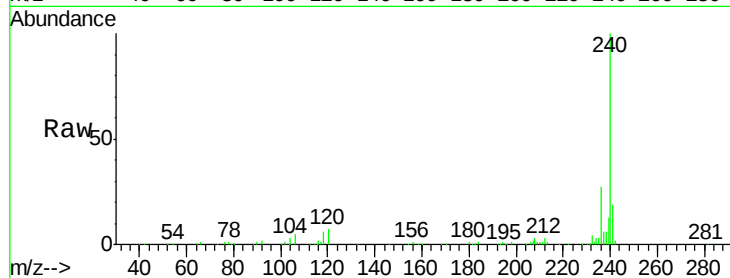
Tgt Ion:240 Resp: 238005

Ion Ratio Lower Upper

240 100

120 7.3 8.7 13.1#

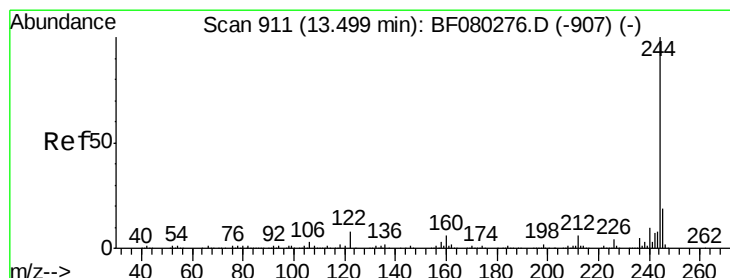
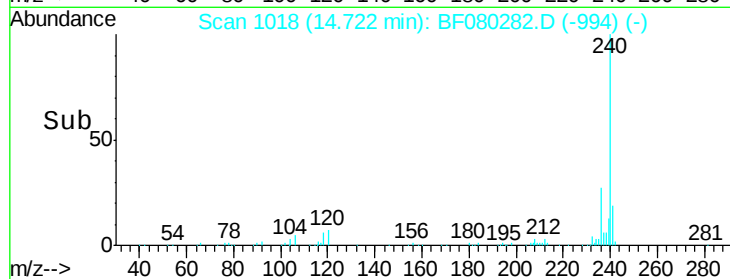
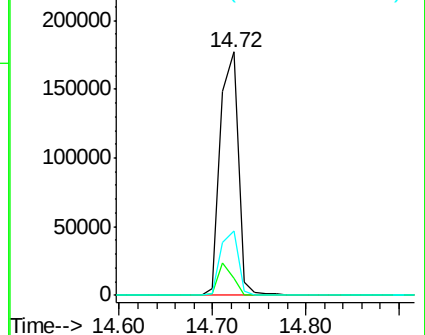
236 26.6 20.9 31.3



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: 46.12 ng

RT: 13.49 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF080282.D

Acq: 1 Jul 2015 21:09

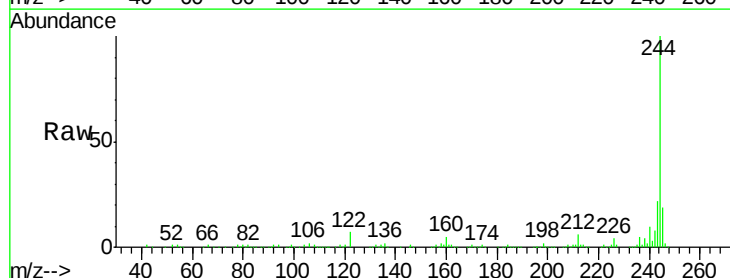
Tgt Ion:244 Resp: 468580

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.6

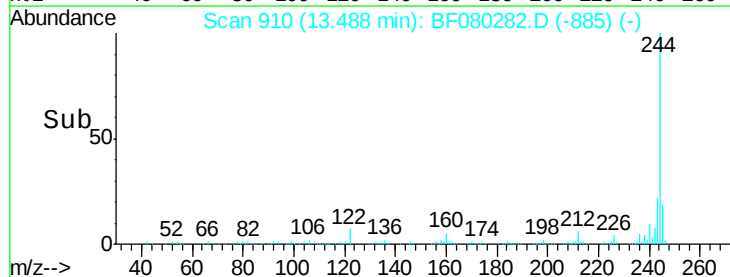
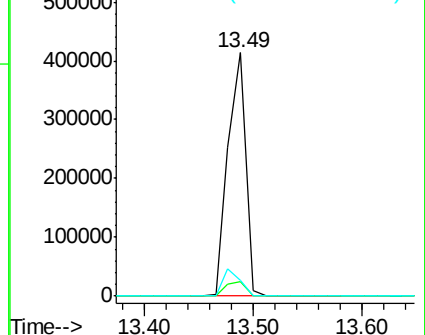
122 6.7 6.6 9.8

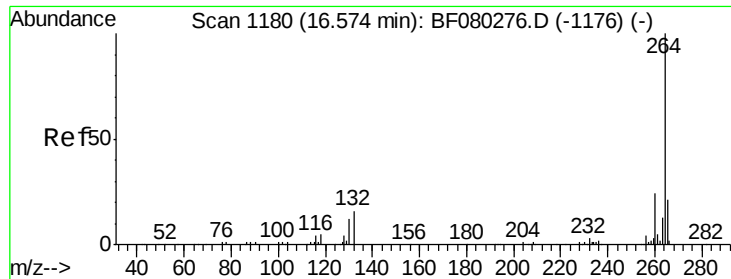


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

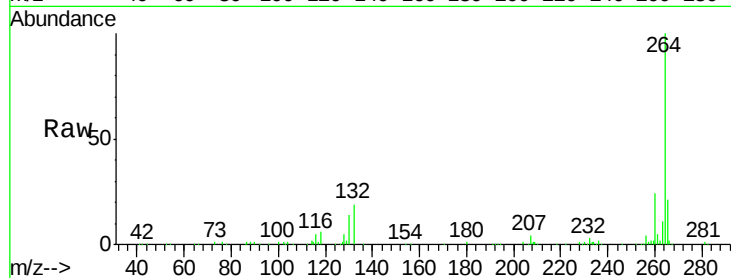




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.53 min Scan# 1176
Delta R.T. -0.05 min
Lab File: BF080282.D
Acq: 1 Jul 2015 21:09

Instrument :
BNA_F
ClientSampleId :
PB84307BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.2	16.9	25.3



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

