

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082627.D
 Acq On : 31 Oct 2015 18:00
 Operator : UM/IZ
 Sample : G4180-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2

Quant Time: Nov 02 00:36:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

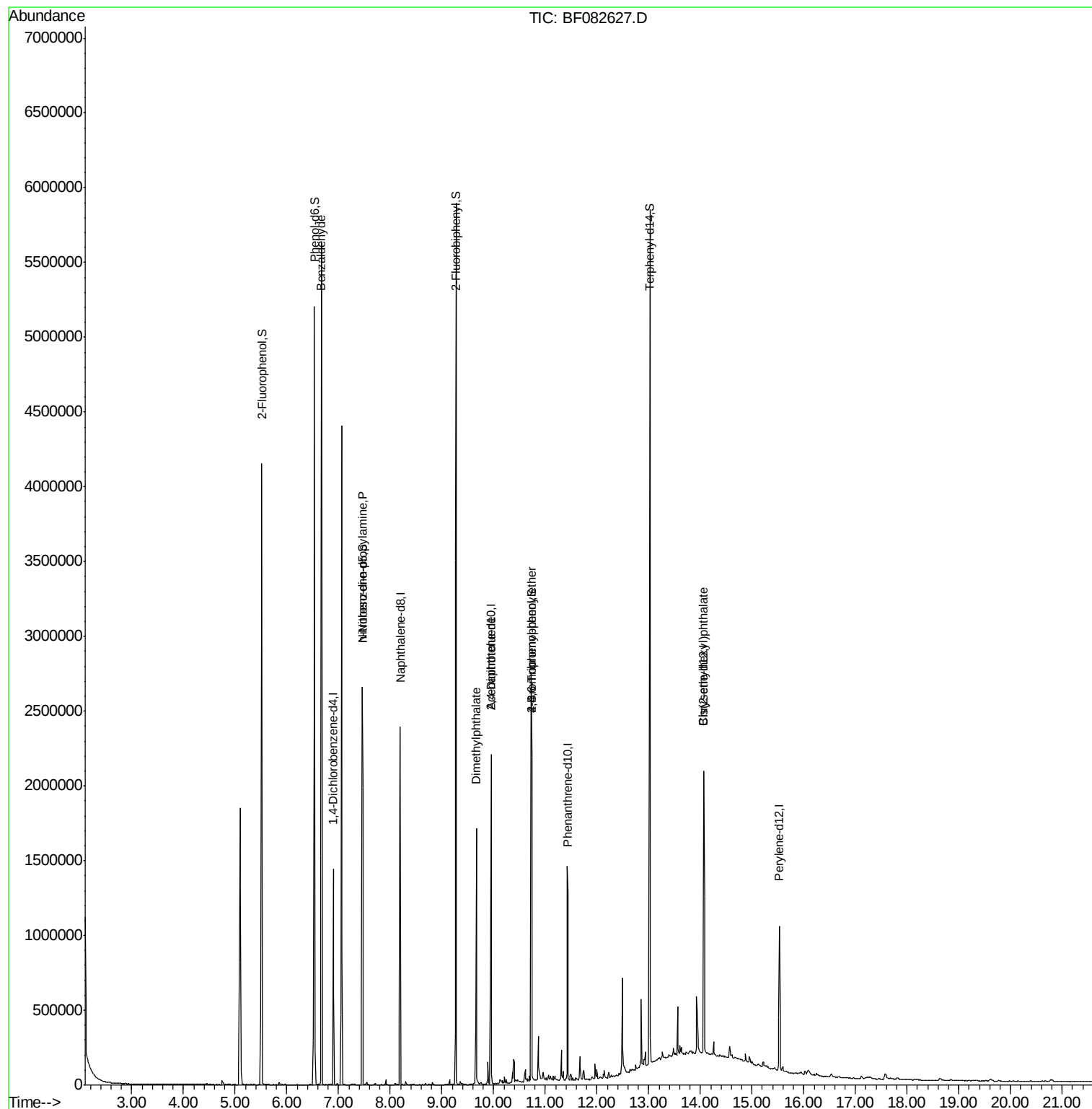
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	218341	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	915338	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	453571	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	738073	20.00	ng	0.00
75) Chrysene-d12	14.07	240	486150	20.00	ng	-0.01
86) Perylene-d12	15.53	264	461354	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1379649	95.17	ng	0.01
7) Phenol-d6	6.53	99	1750185	90.88	ng	0.00
23) Nitrobenzene-d5	7.46	82	1235047	55.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	437969	88.23	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2163338	67.72	ng	0.00
78) Terphenyl-d14	13.02	244	1730203	77.89	ng	0.00
Target Compounds						
9) Benzaldehyde	6.67	77	40797	3.10	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.46	70	166577	11.41	ng	# 76
49) Dimethylphthalate	9.66	163	625005	16.87	ng	98
56) 2,4-Dinitrotoluene	9.95	165	58956	5.68	ng	# 16
66) 4-Bromophenyl-phenylether	10.74	248	28964	3.46	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.07	149	224374	10.98	ng	# 96

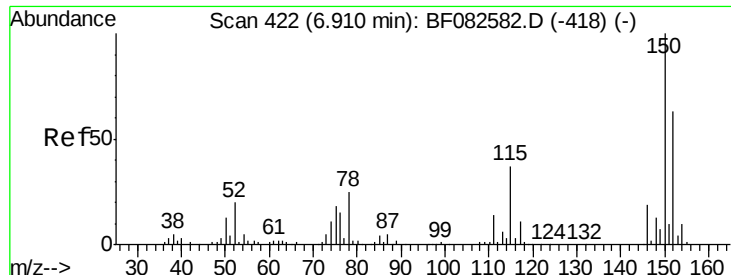
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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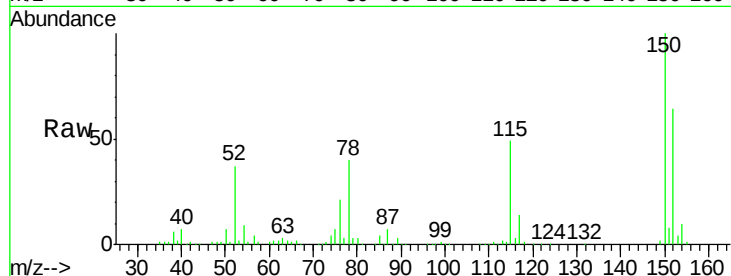




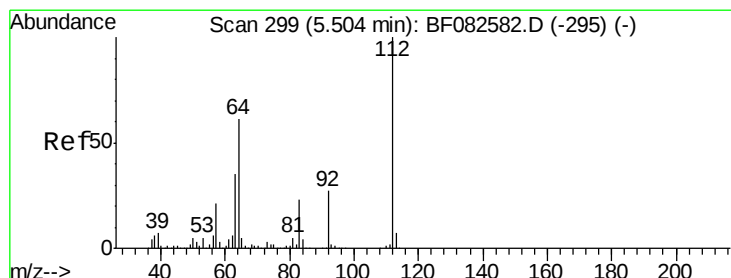
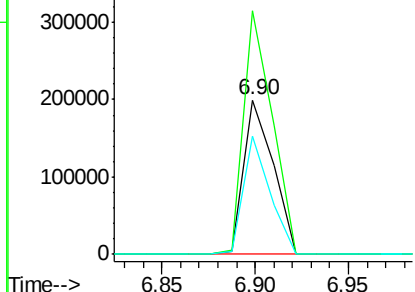
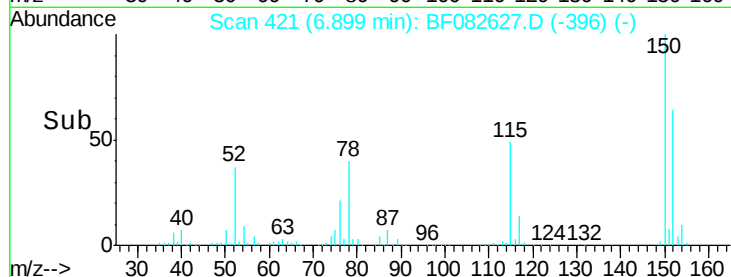
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.01 min
 Lab File: BF082627.D
 Acq: 31 Oct 2015 18:00

Instrument :
 BNA_F
 ClientSampleId :
 S2

Tgt Ion:152 Resp: 218341
 Ion Ratio Lower Upper
 152 100
 150 157.4 127.0 190.4
 115 76.7 47.0 70.6#

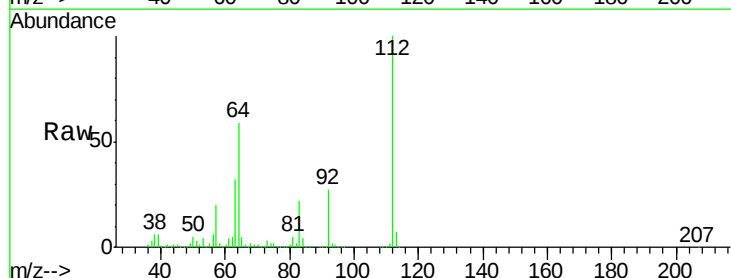


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

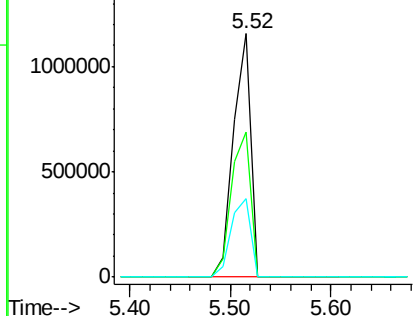
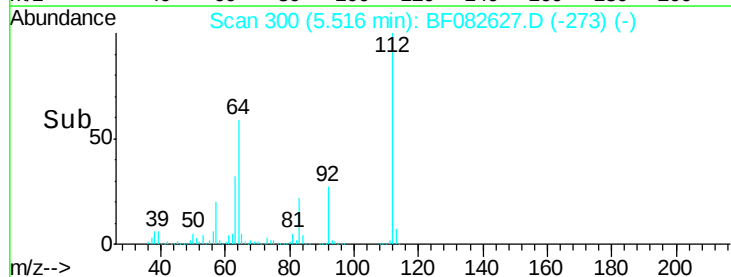


#5
 2-Fluorophenol
 Concen: 95.17 ng
 RT: 5.52 min Scan# 300
 Delta R.T. 0.01 min
 Lab File: BF082627.D
 Acq: 31 Oct 2015 18:00

Tgt Ion:112 Resp: 1379649
 Ion Ratio Lower Upper
 112 100
 64 59.4 48.9 73.3
 63 32.4 28.1 42.1



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: 90.88 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082627.D

Acq: 31 Oct 2015 18:00

Instrument :

BNA_F

ClientSampled :

S2

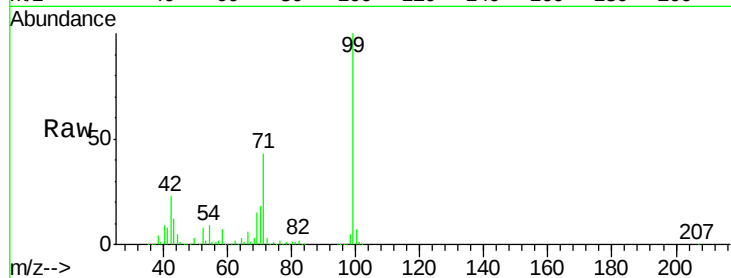
Tgt Ion: 99 Resp: 1750185

Ion Ratio Lower Upper

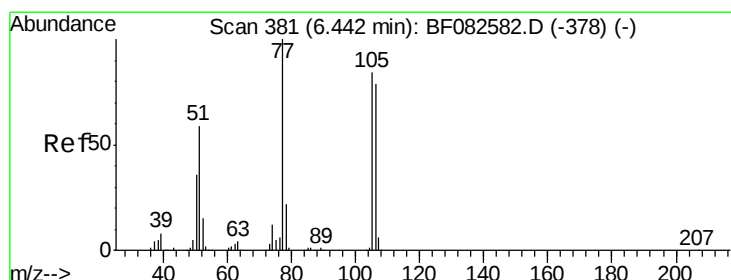
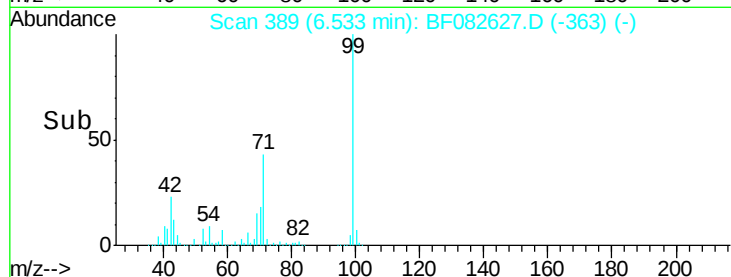
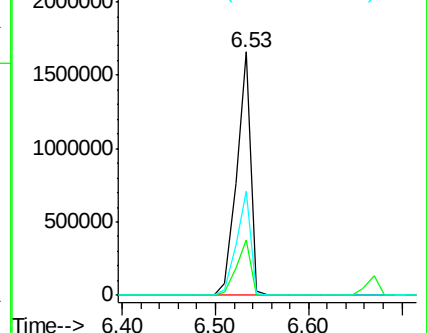
99 100

42 22.8 19.2 28.8

71 42.8 35.0 52.4



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: 3.10 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.23 min

Lab File: BF082627.D

Acq: 31 Oct 2015 18:00

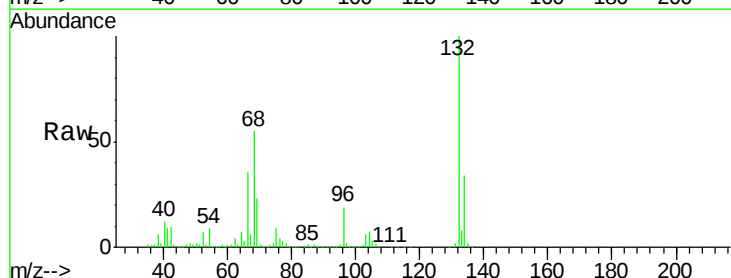
Tgt Ion: 77 Resp: 40797

Ion Ratio Lower Upper

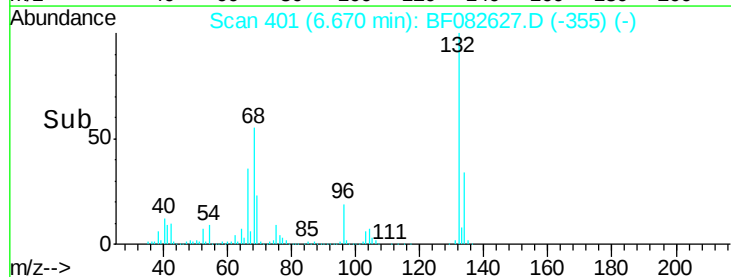
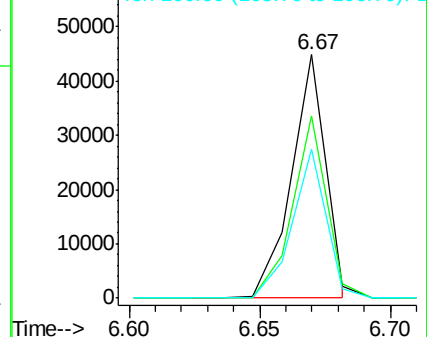
77 100

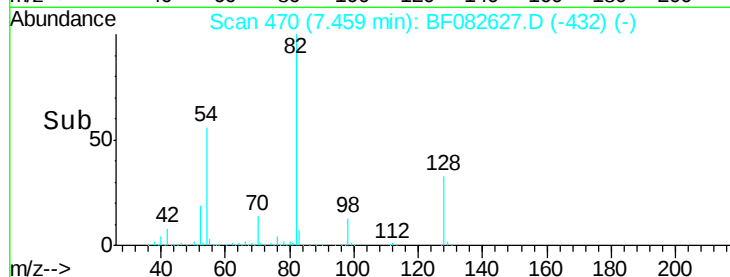
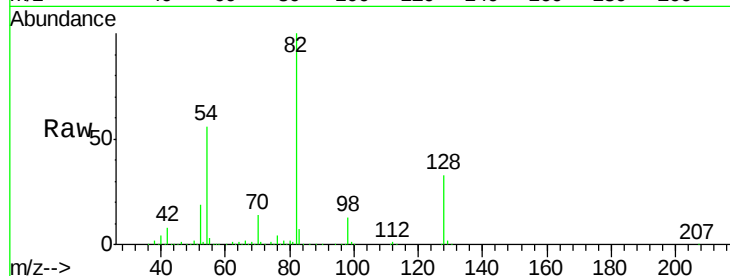
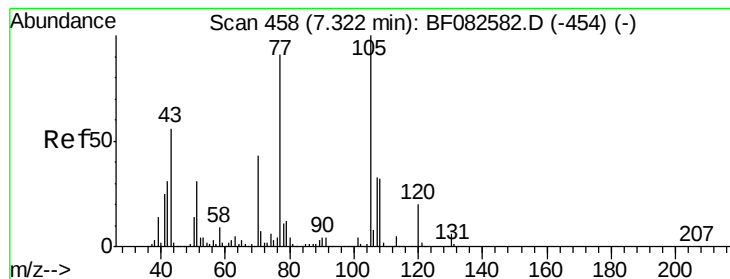
105 75.0 63.5 103.5

106 61.1 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 11.41 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.14 min

Lab File: BF082627.D

Acq: 31 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

S2

Tgt Ion: 70 Resp: 166577

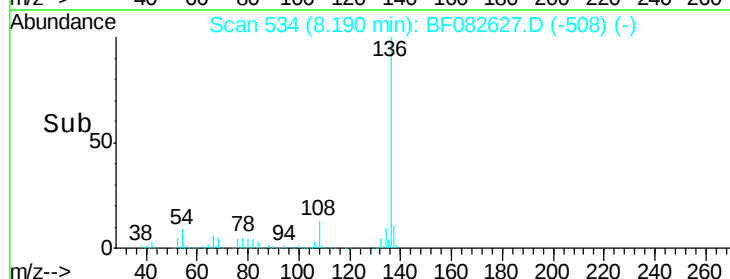
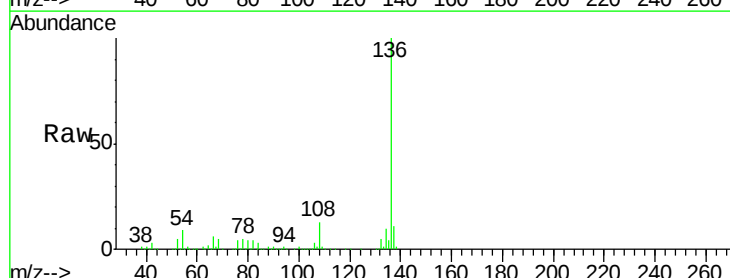
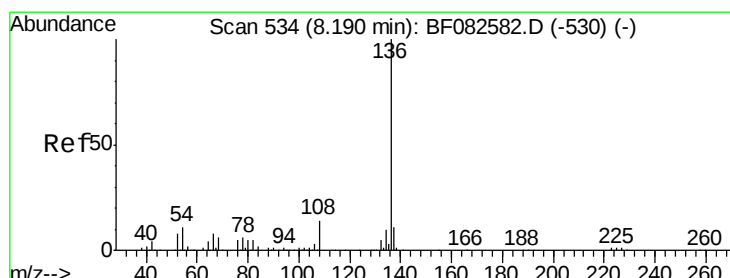
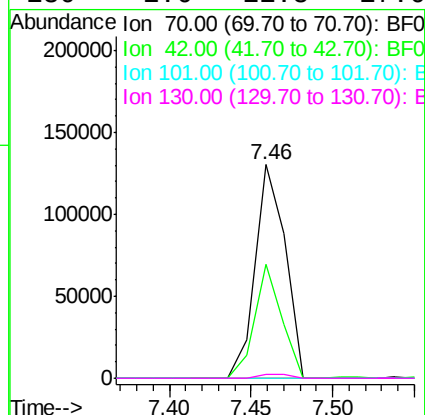
Ion Ratio Lower Upper

70 100

42 53.2 57.7 86.5#

101 0.0 7.0 10.6#

130 1.6 11.8 17.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF082627.D

Acq: 31 Oct 2015 18:00

Tgt Ion: 136 Resp: 915338

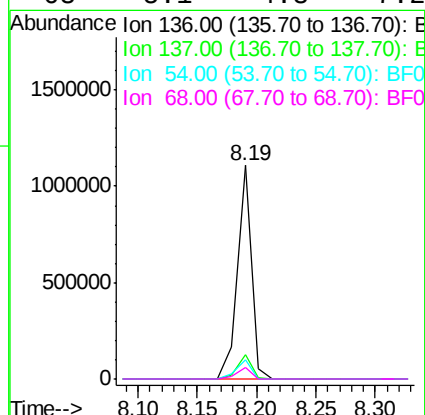
Ion Ratio Lower Upper

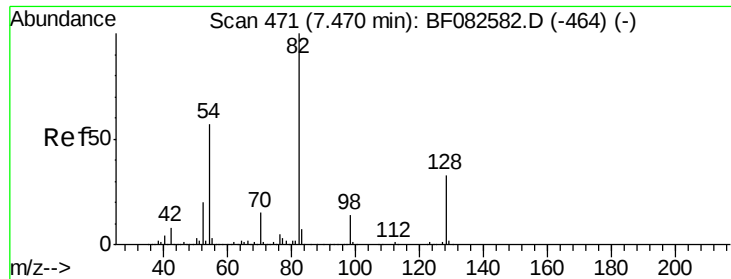
136 100

137 11.2 9.1 13.7

54 8.7 9.1 13.7#

68 5.1 4.8 7.2

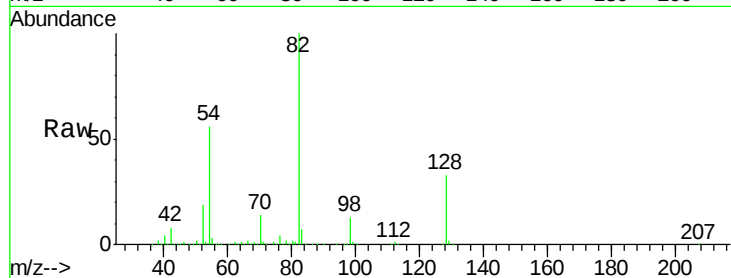




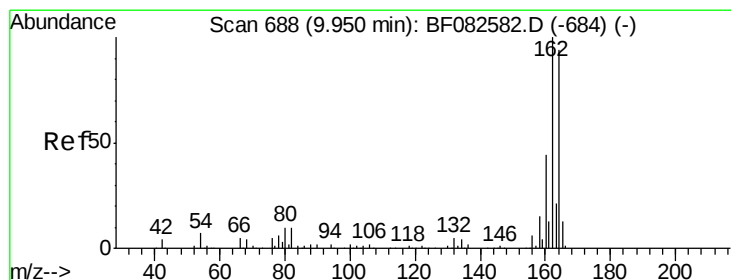
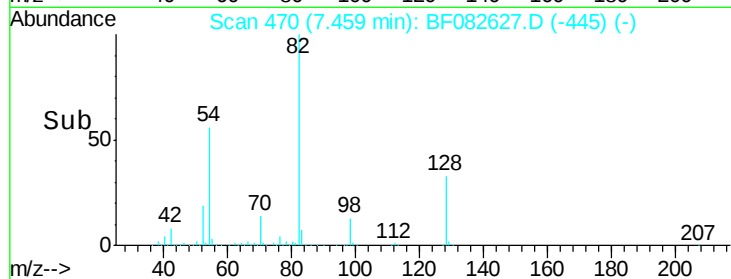
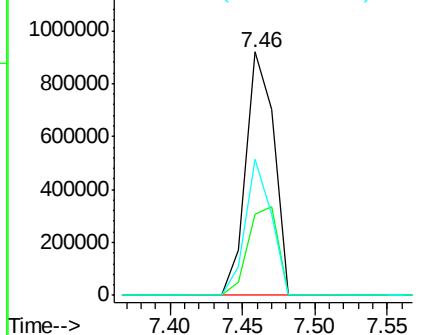
#23
 Nitrobenzene-d5
 Concen: 55.10 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF082627.D
 Acq: 31 Oct 2015 18:00

Instrument :
 BNA_F
 ClientSampleId :
 S2

Tgt Ion: 82 Resp: 1235047
 Ion Ratio Lower Upper
 82 100
 128 33.2 26.8 40.2
 54 56.0 45.7 68.5

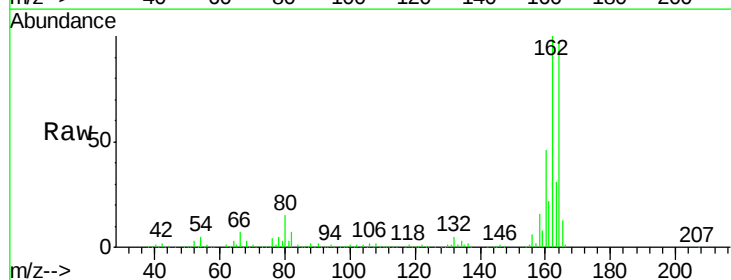


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

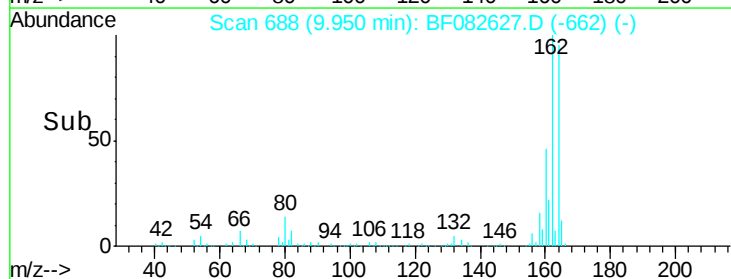
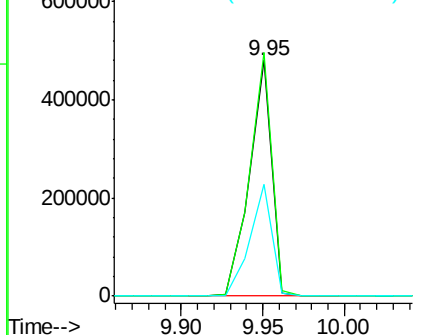


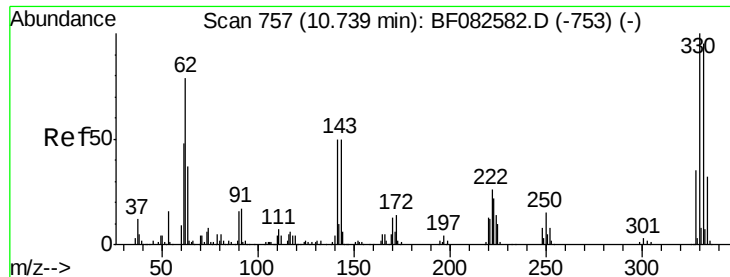
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF082627.D
 Acq: 31 Oct 2015 18:00

Tgt Ion: 164 Resp: 453571
 Ion Ratio Lower Upper
 164 100
 162 103.2 84.9 127.3
 160 47.3 37.5 56.3



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

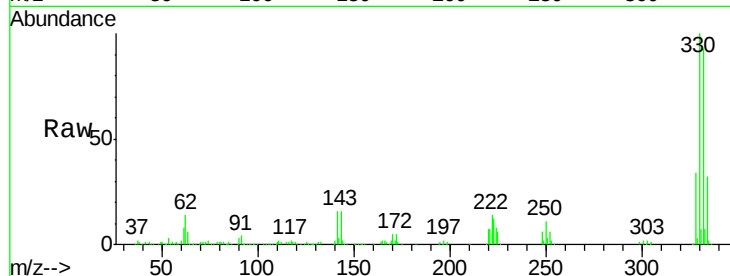




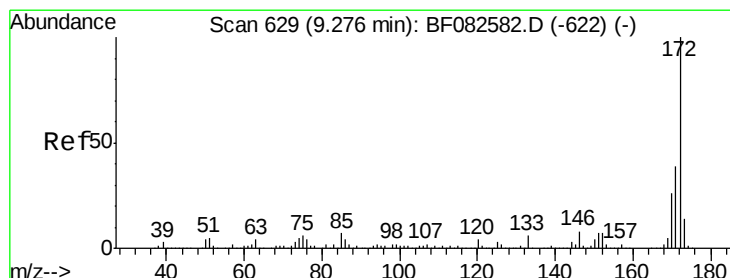
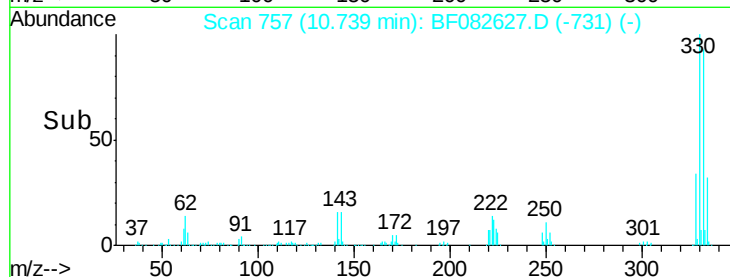
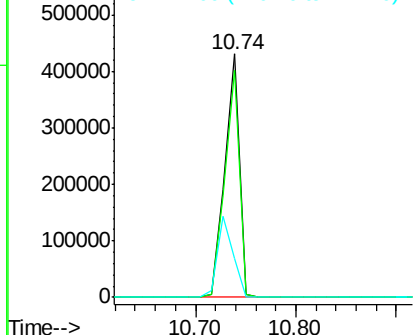
#41
 2,4,6-Tribromophenol
 Concen: 88.23 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF082627.D
 Acq: 31 Oct 2015 18:00

Instrument :
 BNA_F
 ClientSampleId :
 S2

Tgt Ion:330 Resp: 437969
 Ion Ratio Lower Upper
 330 100
 332 93.2 76.6 114.8
 141 35.4 41.2 61.8#

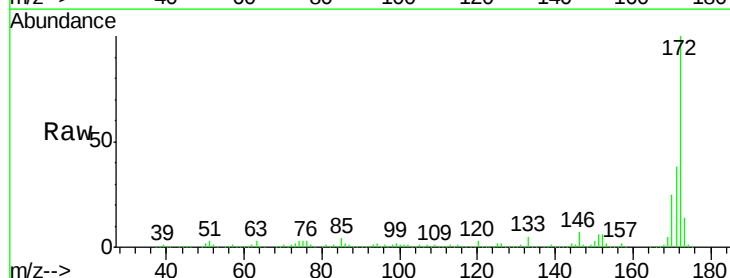


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

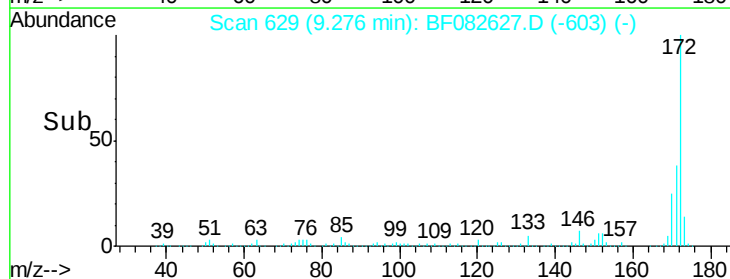
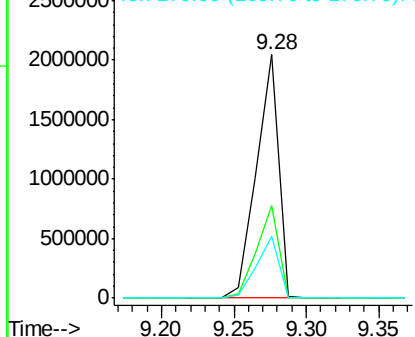


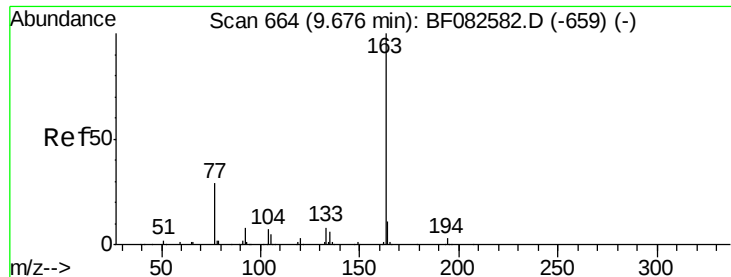
#44
 2-Fluorobiphenyl
 Concen: 67.72 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082627.D
 Acq: 31 Oct 2015 18:00

Tgt Ion:172 Resp: 2163338
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.8 46.2
 170 25.2 21.2 31.8



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

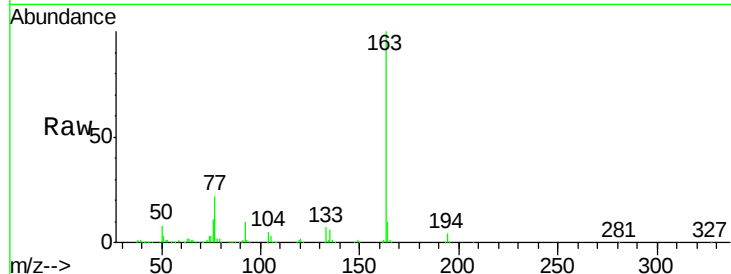




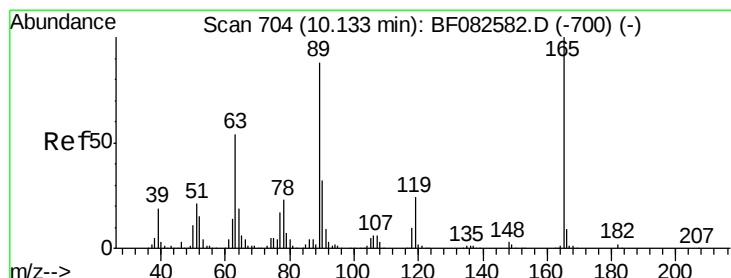
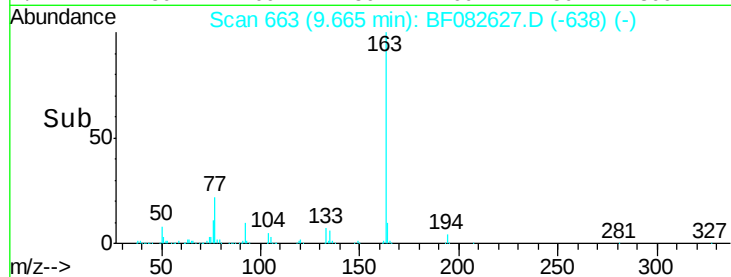
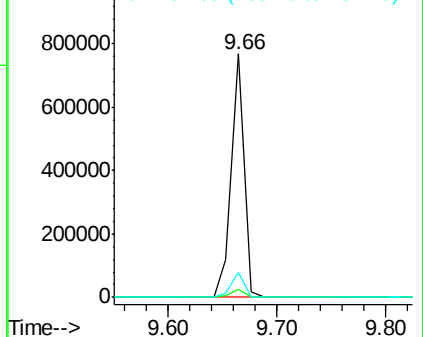
#49
Dimethylphthalate
Concen: 16.87 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF082627.D
Acq: 31 Oct 2015 18:00

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:163 Resp: 625005
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.1 8.7 13.1

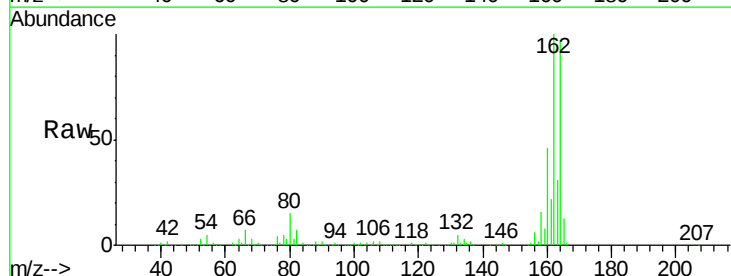


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

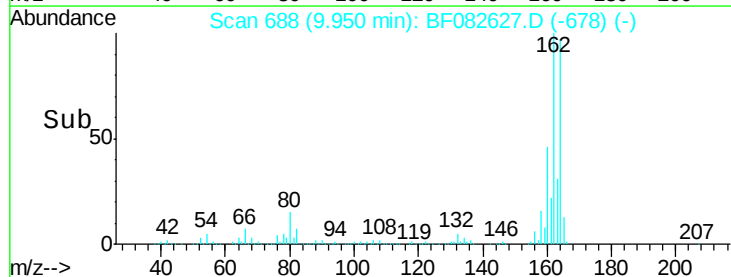
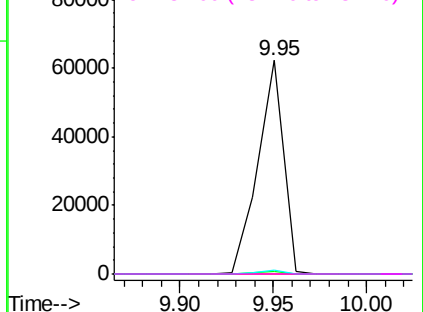


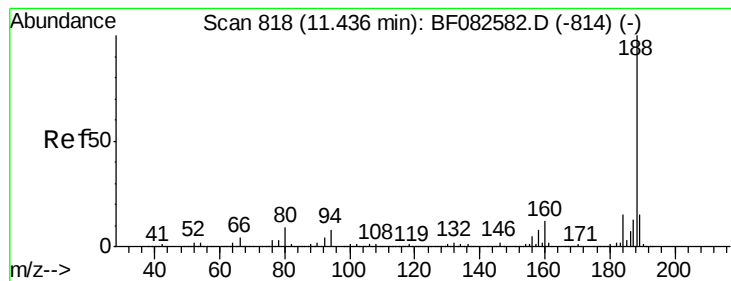
#56
2,4-Dinitrotoluene
Concen: 5.68 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.18 min
Lab File: BF082627.D
Acq: 31 Oct 2015 18:00

Tgt Ion:165 Resp: 58956
Ion Ratio Lower Upper
165 100
63 1.2 43.4 65.0#
89 1.9 70.6 106.0#
182 0.0 1.5 2.3#



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: 11.44 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF082627.D

Acq: 31 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

S2

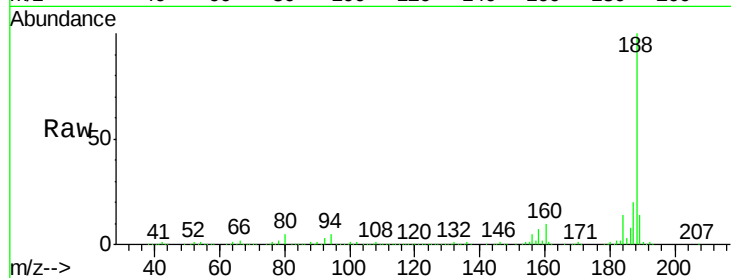
Tgt Ion:188 Resp: 738073

Ion Ratio Lower Upper

188 100

94 4.5 6.1 9.1#

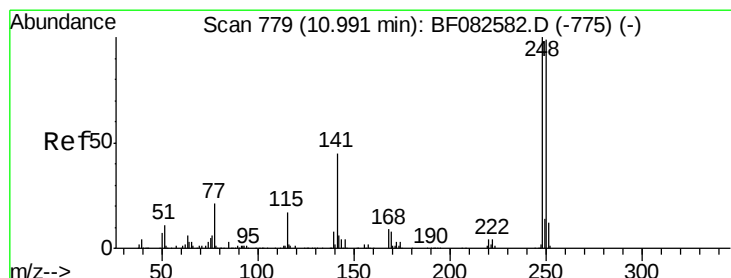
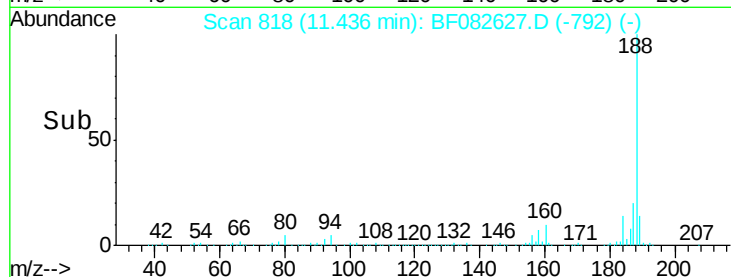
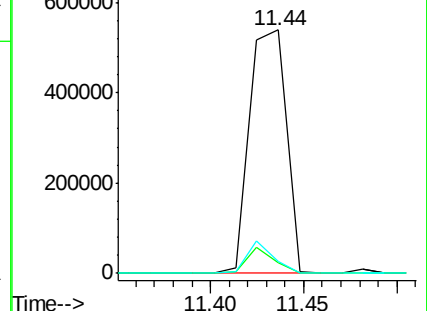
80 4.9 7.0 10.6#



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: 3.46 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.25 min

Lab File: BF082627.D

Acq: 31 Oct 2015 18:00

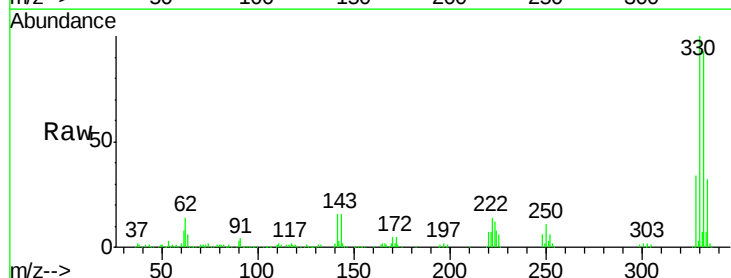
Tgt Ion:248 Resp: 28964

Ion Ratio Lower Upper

248 100

250 194.3 79.4 119.2#

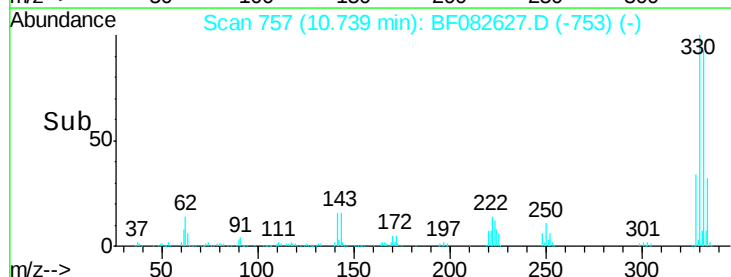
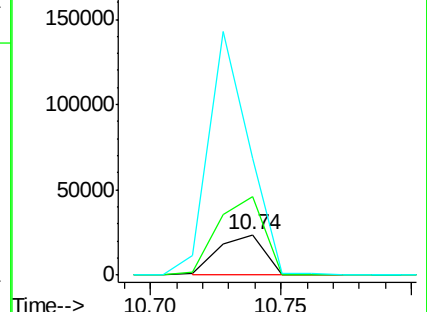
141 287.6 36.3 54.5#

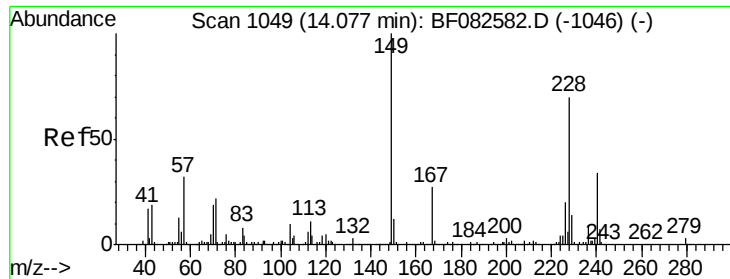


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF082627.D

Acq: 31 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

S2

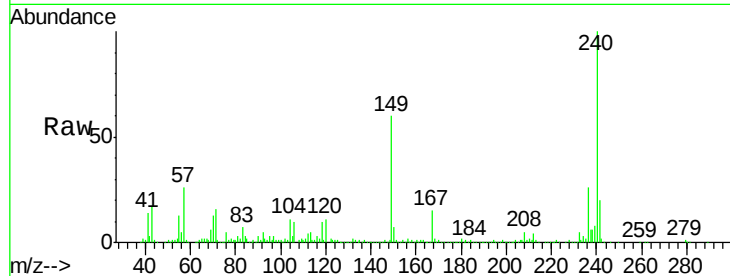
Tgt Ion:240 Resp: 486150

Ion Ratio Lower Upper

240 100

120 11.5 10.9 16.3

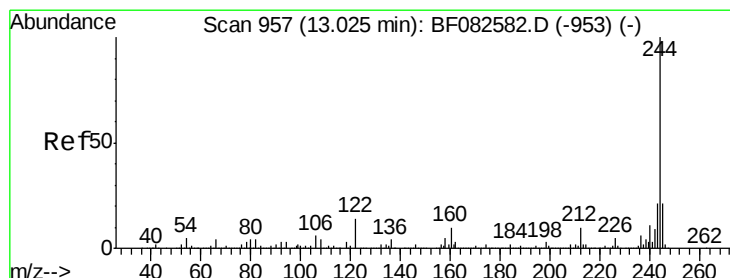
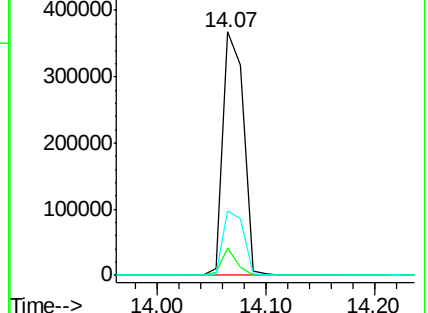
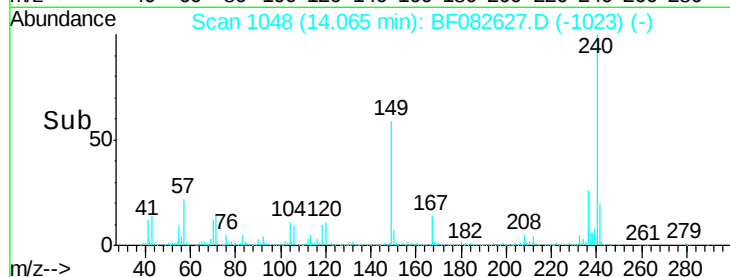
236 26.3 21.6 32.4



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: 77.89 ng

RT: 13.02 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF082627.D

Acq: 31 Oct 2015 18:00

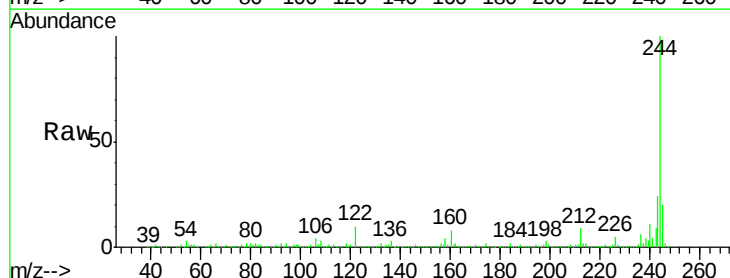
Tgt Ion:244 Resp: 1730203

Ion Ratio Lower Upper

244 100

212 8.7 7.6 11.4

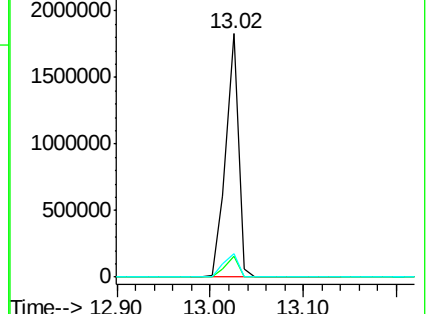
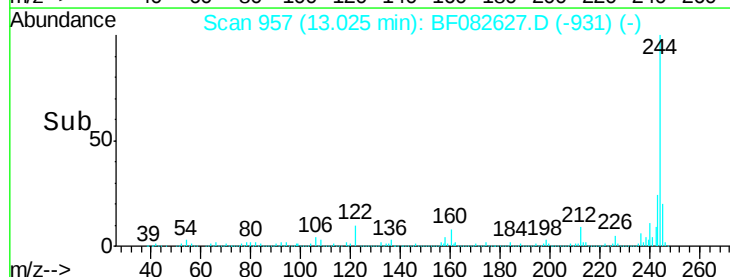
122 9.7 11.3 16.9#

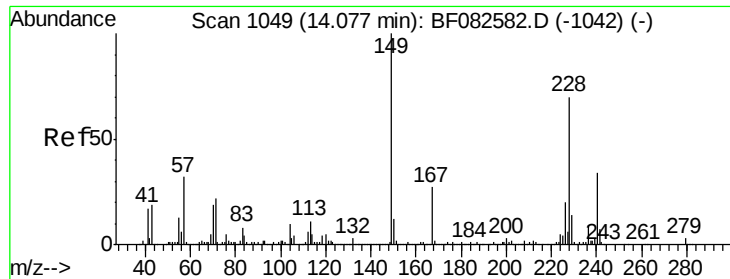


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 10.98 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF082627.D

Acq: 31 Oct 2015 18:00

Instrument :

BNA_F

ClientSampleId :

S2

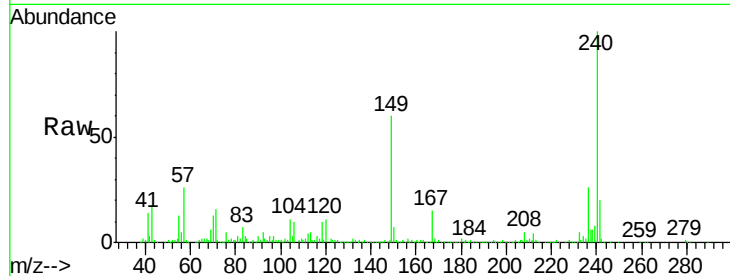
Tgt Ion:149 Resp: 224374

Ion Ratio Lower Upper

149 100

167 24.4 21.2 31.8

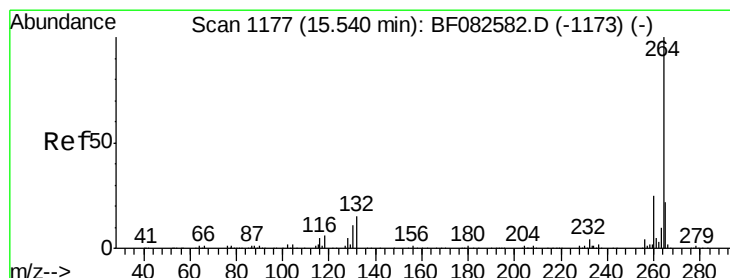
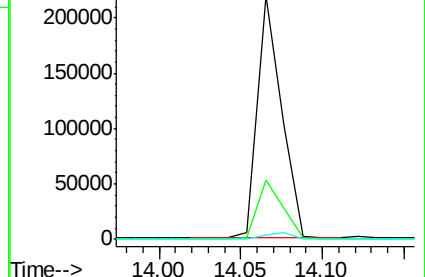
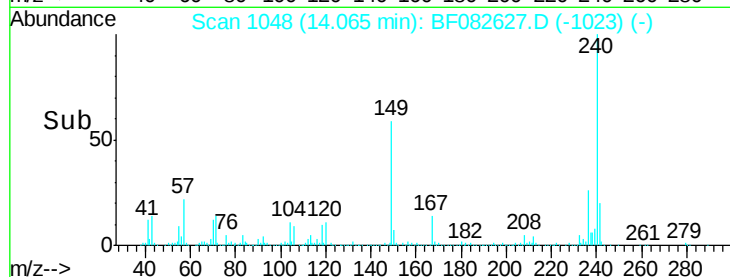
279 1.8 2.2 3.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.53 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF082627.D

Acq: 31 Oct 2015 18:00

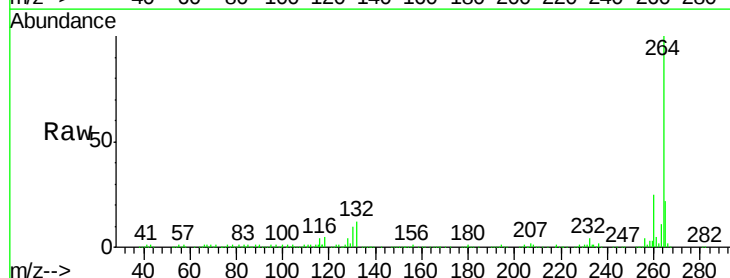
Tgt Ion:264 Resp: 461354

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.6

265 21.8 17.4 26.0



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

