

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
 Data File : BF081927.D
 Acq On : 1 Oct 2015 3:55
 Operator : UM/IZ
 Sample : G3846-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 002-TB-2(5-8.2)

Quant Time: Oct 01 06:01:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 05:22:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	113258	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	432018	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	182956	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	291586	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	307502	20.00	ng	-0.01
86) Perylene-d12	15.53	264	298667	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	750158	120.24	ng	0.01
7) Phenol-d6	6.54	99	941653	119.94	ng	0.00
23) Nitrobenzene-d5	7.47	82	620456	95.74	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	212841	114.87	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1063184	100.86	ng	0.00
78) Terphenyl-d14	13.02	244	844512	90.23	ng	0.00

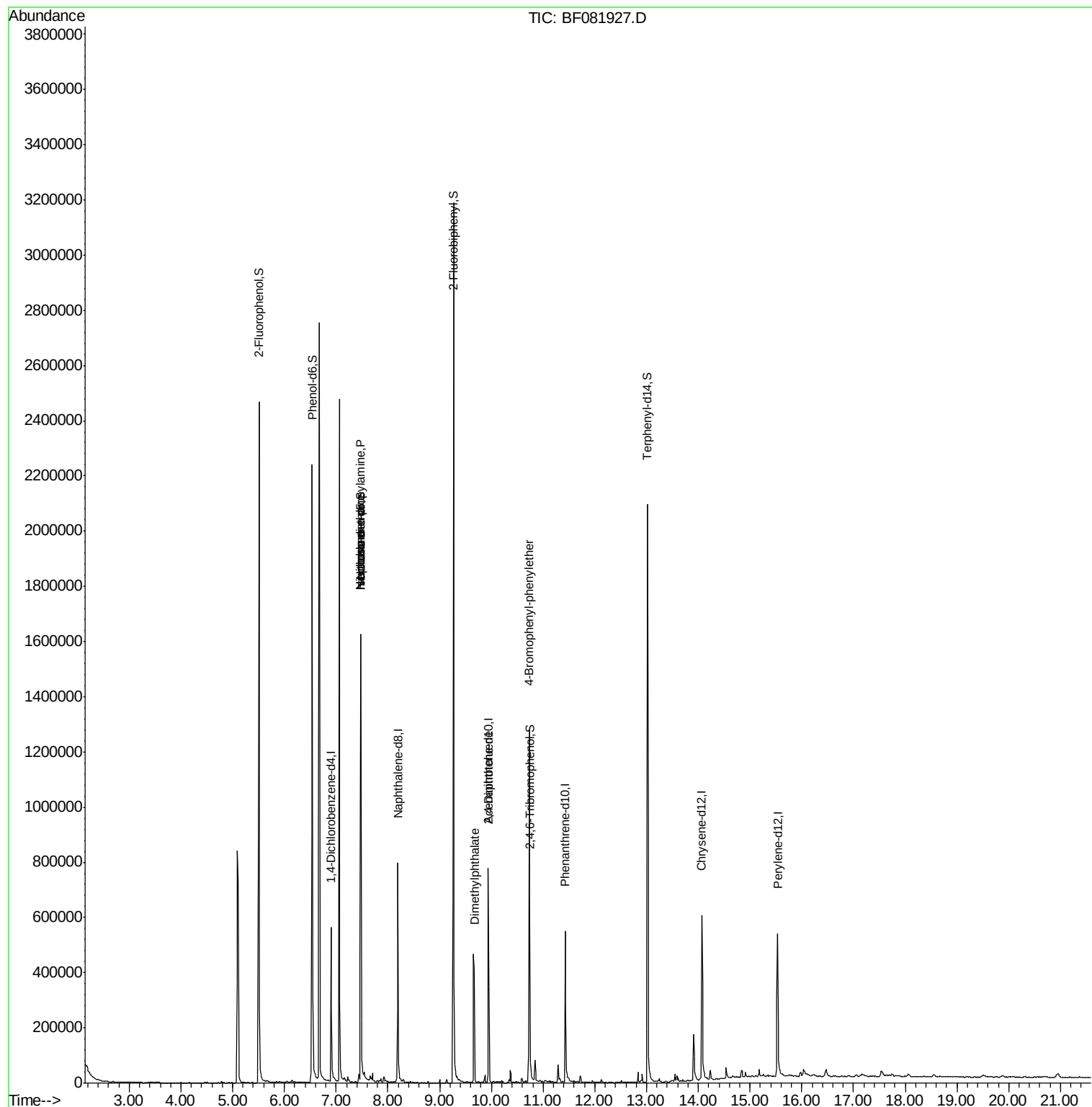
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	7.47	117	8871	3.33	ng	# 5
19) n-Nitroso-di-n-propylamine	7.47	70	81753	17.13	ng	# 58
25) Isophorone	7.47	82	499762	38.91	ng	# 58
49) Dimethylphthalate	9.67	163	316471	25.06	ng	# 96
56) 2,4-Dinitrotoluene	9.94	165	22534	6.45	ng	# 34
57) Fluorene	10.73	166	8533	Below Cal		# 93
66) 4-Bromophenyl-phenylether	10.73	248	13679	4.65	ng	# 1
70) Phenanthrene	11.45	178	300	Below Cal		# 62
73) Di-n-butylphthalate	11.99	149	1463	Below Cal		# 78

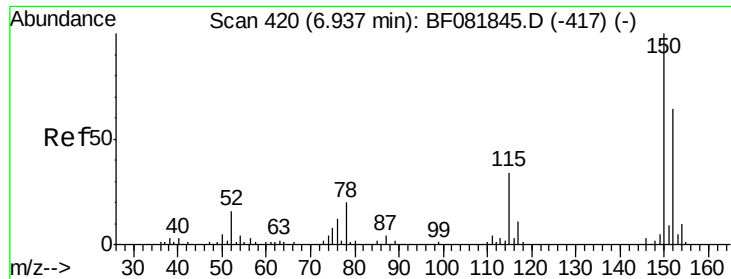
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF081927.D

Acq: 1 Oct 2015 3:55

Instrument :

BNA_F

ClientSampleId :

002-TB-2(5-8.2)

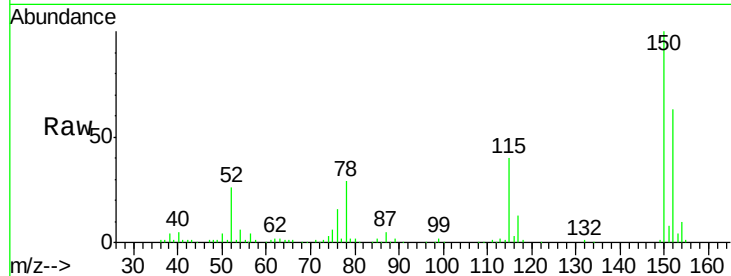
Tgt Ion:152 Resp: 113258

Ion Ratio Lower Upper

152 100

150 158.3 124.7 187.1

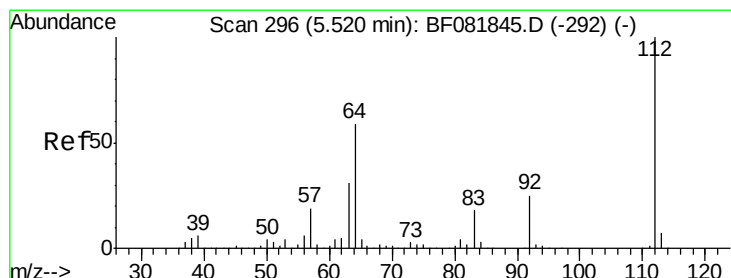
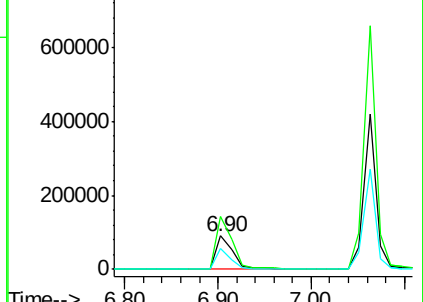
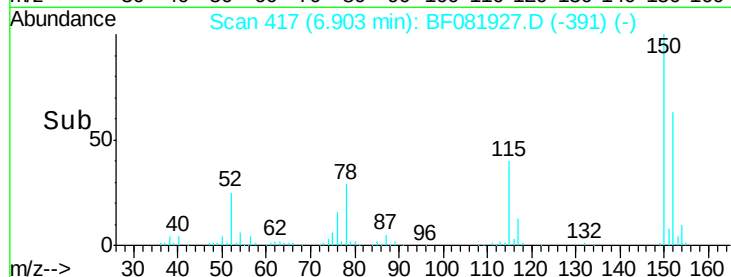
115 63.6 39.0 58.4#



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: 120.24 ng

RT: 5.51 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF081927.D

Acq: 1 Oct 2015 3:55

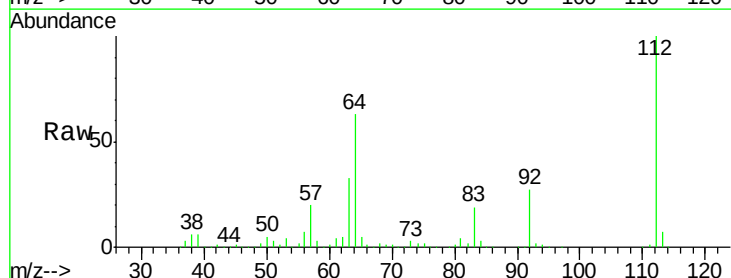
Tgt Ion:112 Resp: 750158

Ion Ratio Lower Upper

112 100

64 63.2 39.7 59.5#

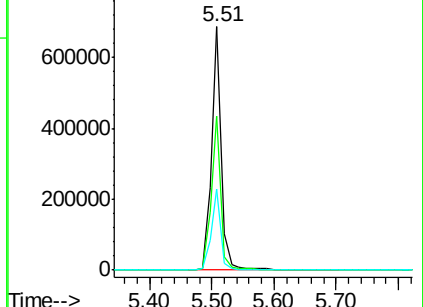
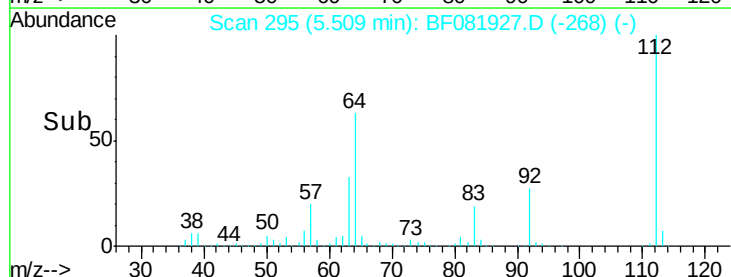
63 33.3 17.4 26.0#

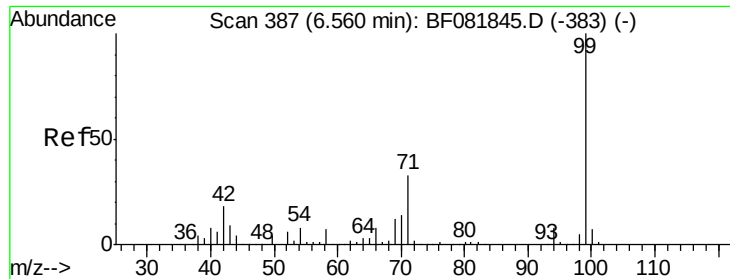


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.94 ng

RT: 6.54 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF081927.D

Acq: 1 Oct 2015 3:55

Instrument :

BNA_F

ClientSampleId :

002-TB-2(5-8.2)

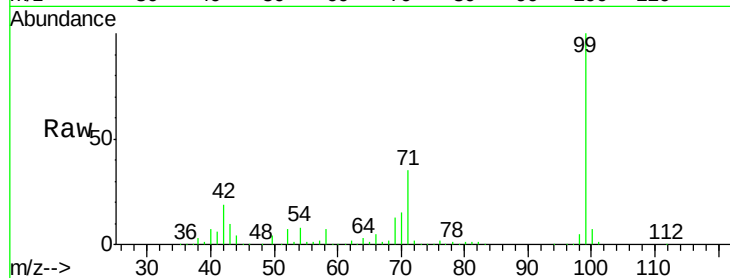
Tgt Ion: 99 Resp: 941653

Ion Ratio Lower Upper

99 100

42 18.5 13.7 20.5

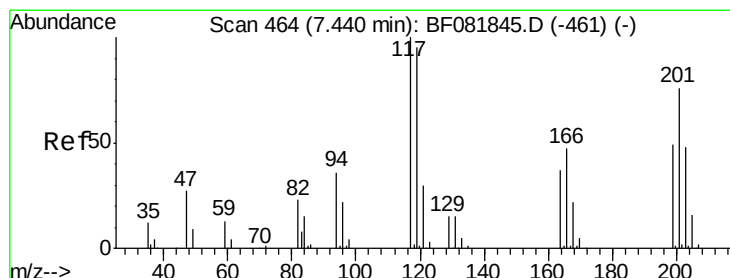
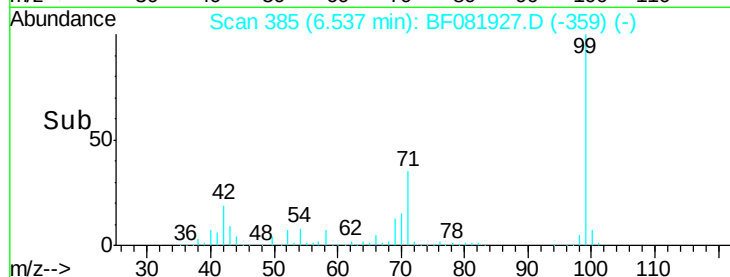
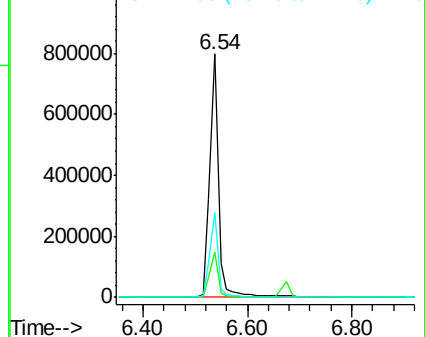
71 34.7 14.2 21.2#



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



#18

Hexachloroethane

Concen: 3.33 ng

RT: 7.47 min Scan# 467

Delta R.T. 0.06 min

Lab File: BF081927.D

Acq: 1 Oct 2015 3:55

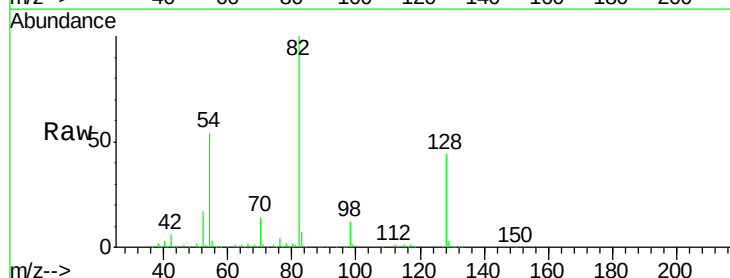
Tgt Ion: 117 Resp: 8871

Ion Ratio Lower Upper

117 100

119 0.0 83.8 125.6#

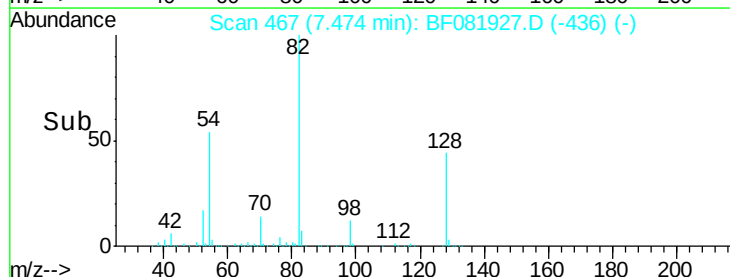
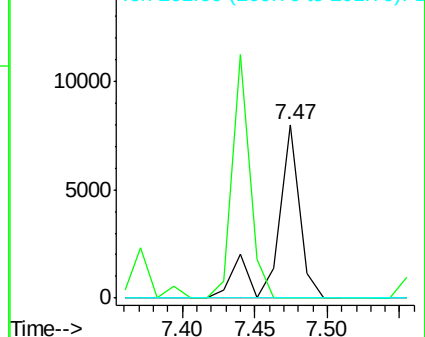
201 0.0 55.1 82.7#

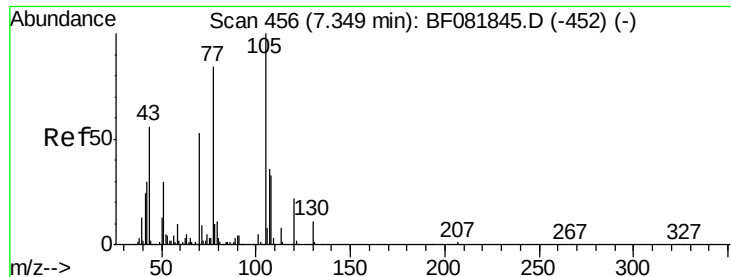


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 17.13 ng

RT: 7.47 min Scan# 467

Delta R.T. 0.15 min

Lab File: BF081927.D

Acq: 1 Oct 2015 3:55

Instrument :

BNA_F

ClientSampleId :

002-TB-2(5-8.2)

Tgt Ion: 70 Resp: 81753

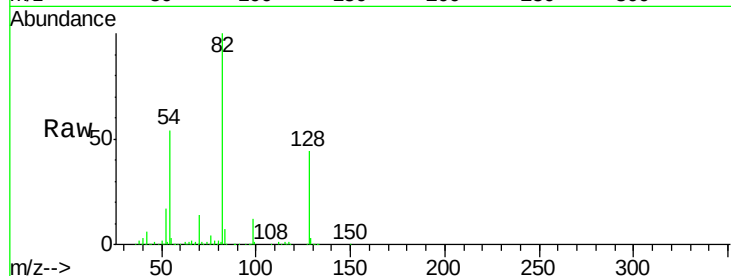
Ion Ratio Lower Upper

70 100

42 45.9 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#



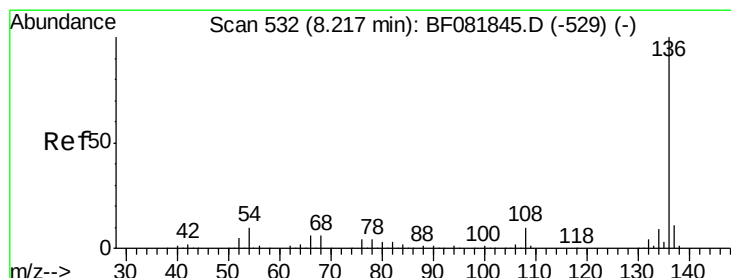
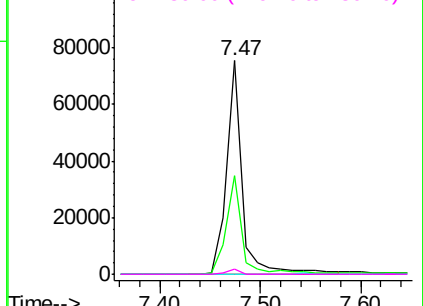
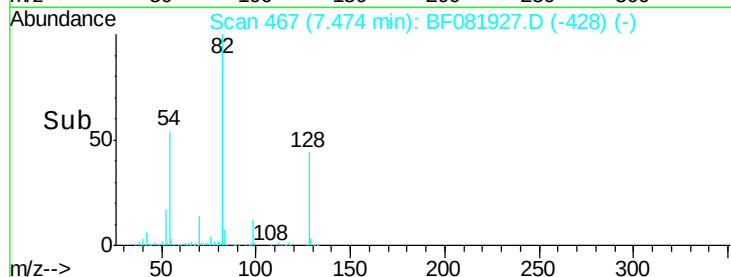
Abundance

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): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF081927.D

Acq: 1 Oct 2015 3:55

Tgt Ion: 136 Resp: 432018

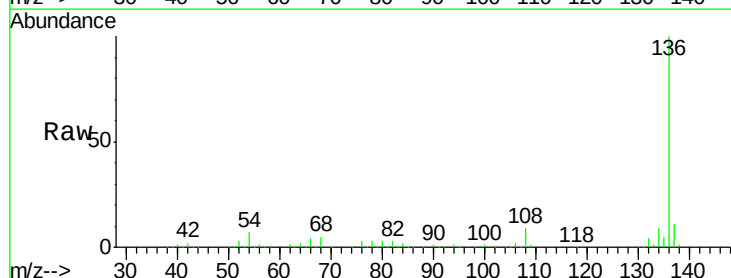
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 6.6 8.2 12.2#

68 4.9 5.8 8.6#



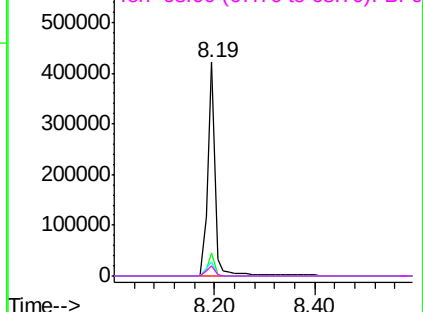
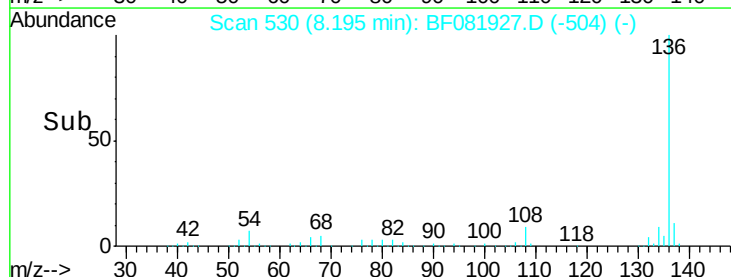
Abundance

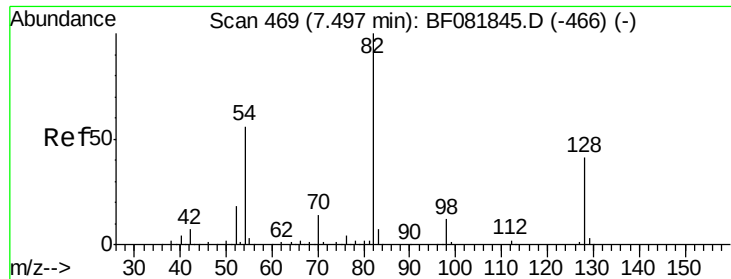
Ion 136.00 (135.70 to 136.70): E

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

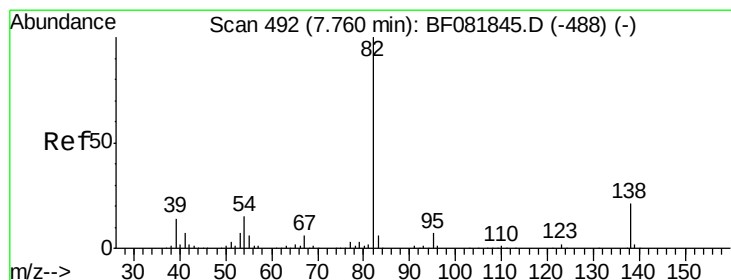
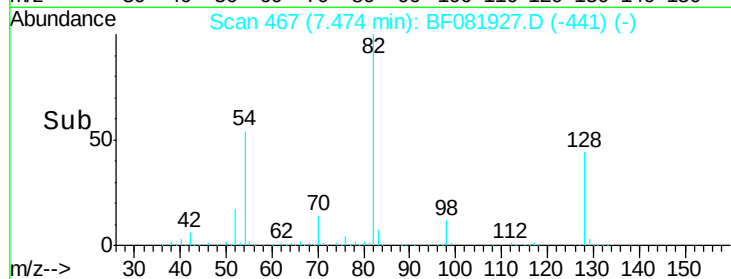
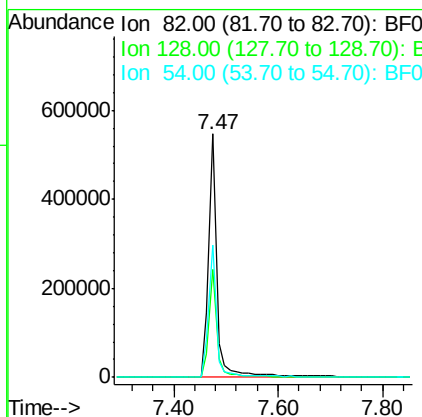
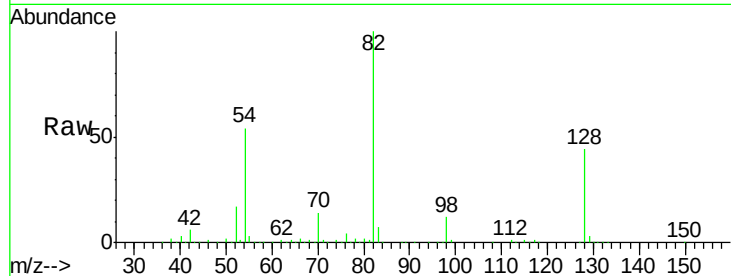




#23
 Nitrobenzene-d5
 Concen: 95.74 ng
 RT: 7.47 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF081927.D
 Acq: 1 Oct 2015 3:55

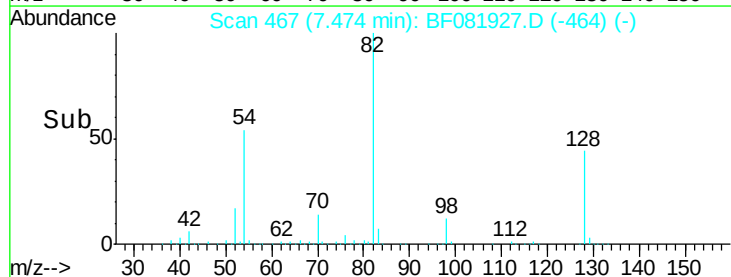
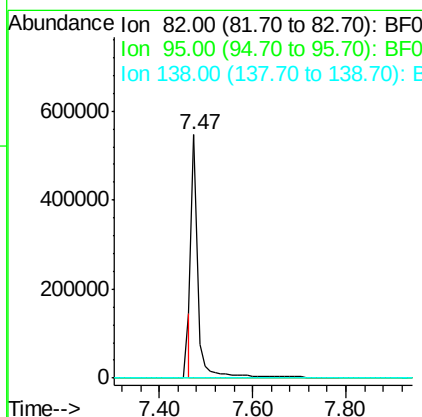
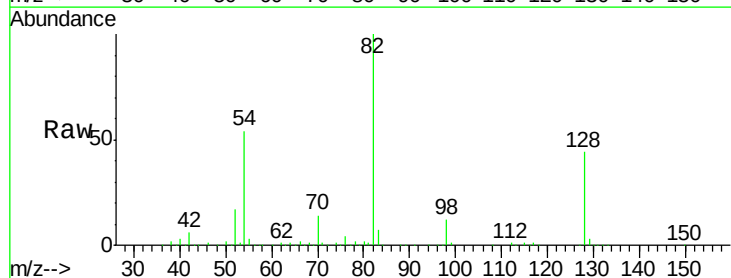
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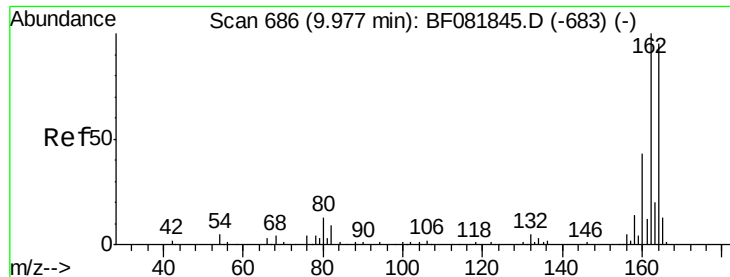
Tgt Ion: 82 Resp: 620456
 Ion Ratio Lower Upper
 82 100
 128 44.1 51.0 76.6#
 54 54.4 47.5 71.3



#25
 Isophorone
 Concen: 38.91 ng
 RT: 7.47 min Scan# 467
 Delta R.T. -0.26 min
 Lab File: BF081927.D
 Acq: 1 Oct 2015 3:55

Tgt Ion: 82 Resp: 499762
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#

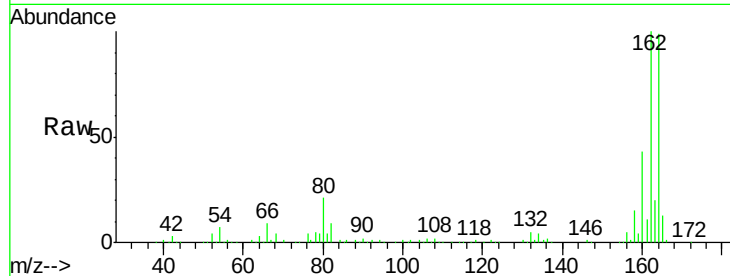




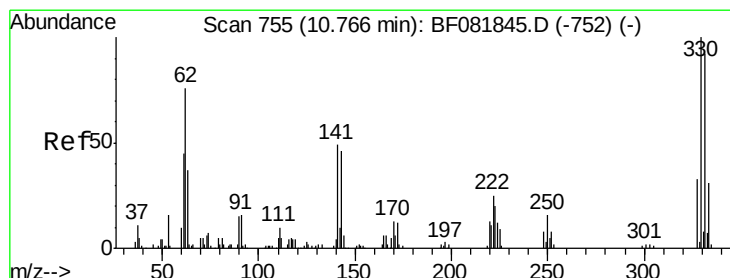
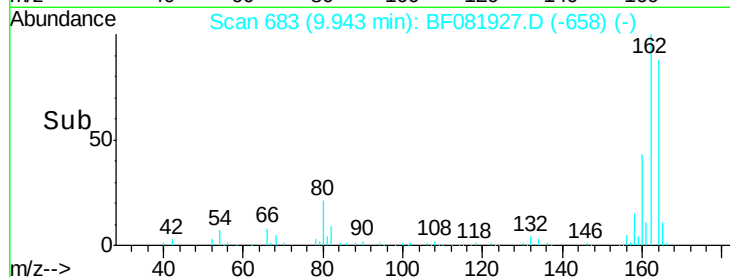
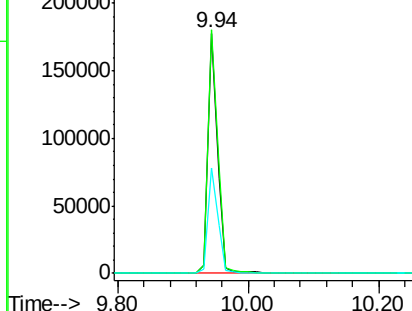
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF081927.D
 Acq: 1 Oct 2015 3:55

Instrument :
 BNA_F
 ClientSampleId :
 002-TB-2(5-8.2)

Tgt Ion:164 Resp: 182956
 Ion Ratio Lower Upper
 164 100
 162 101.5 75.2 112.8
 160 43.7 31.5 47.3

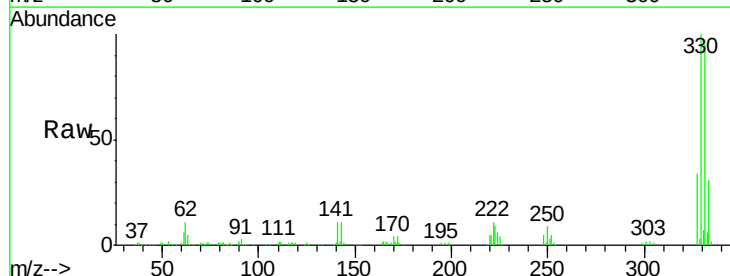


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

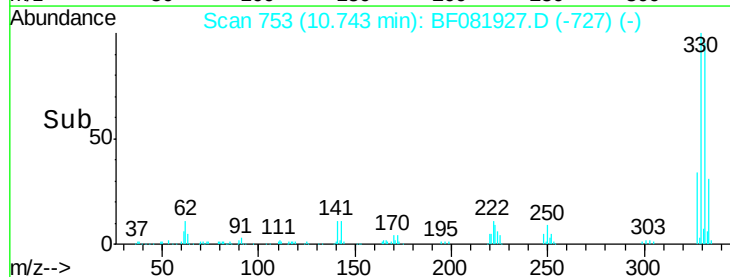
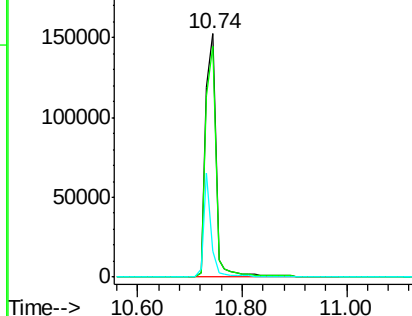


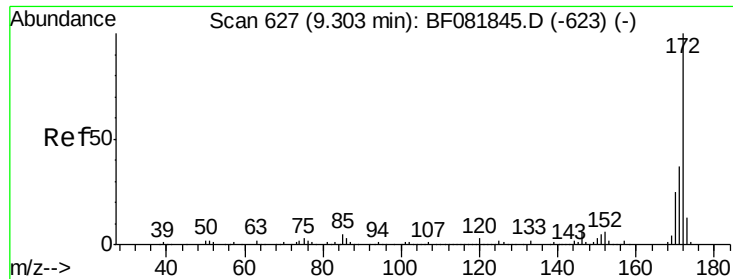
#41
 2,4,6-Tribromophenol
 Concen: 114.87 ng
 RT: 10.74 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF081927.D
 Acq: 1 Oct 2015 3:55

Tgt Ion:330 Resp: 212841
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 31.5 29.7 44.5



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

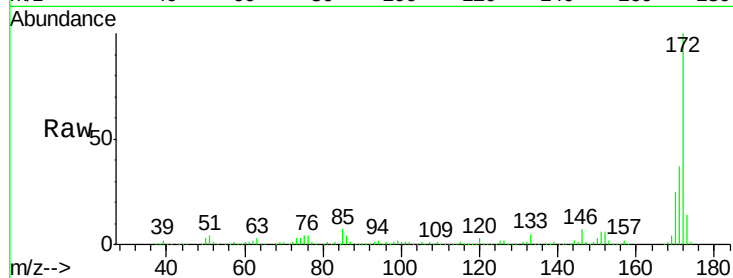




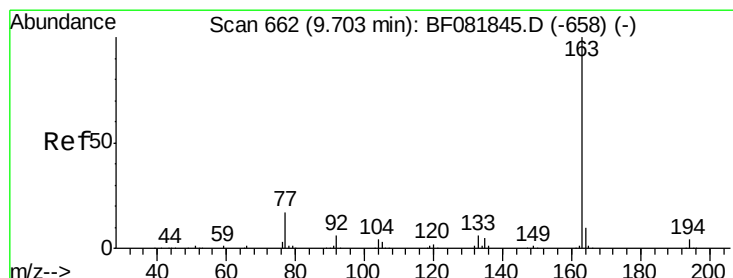
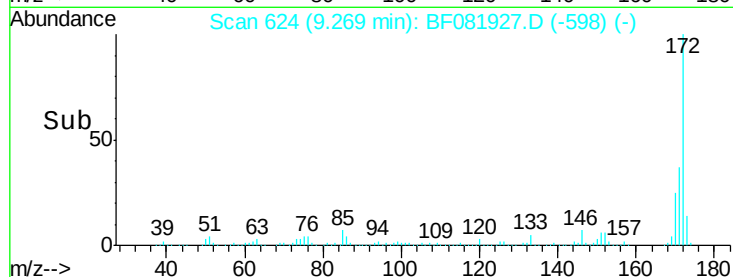
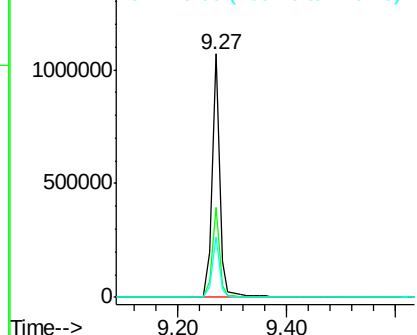
#44
 2-Fluorobiphenyl
 Concen: 100.86 ng
 RT: 9.27 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081927.D
 Acq: 1 Oct 2015 3:55

Instrument :
 BNA_F
 ClientSampleId :
 002-TB-2(5-8.2)

Tgt Ion:172 Resp: 1063184
 Ion Ratio Lower Upper
 172 100
 171 36.9 26.1 39.1
 170 25.0 17.4 26.2

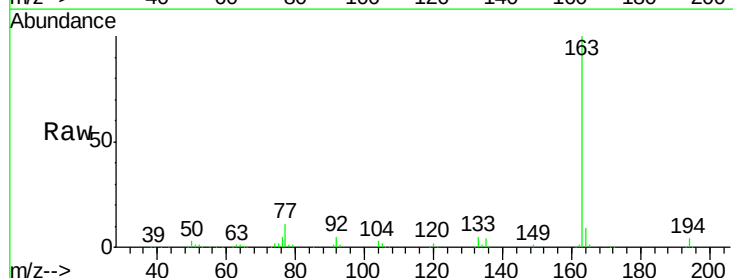


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

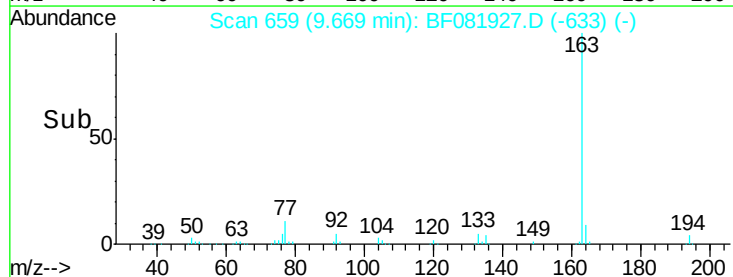
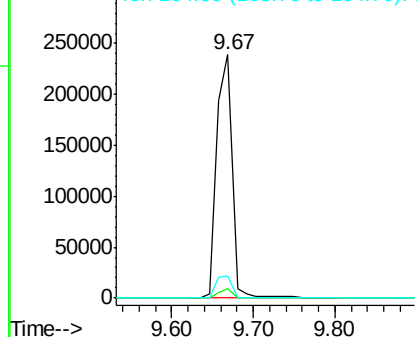


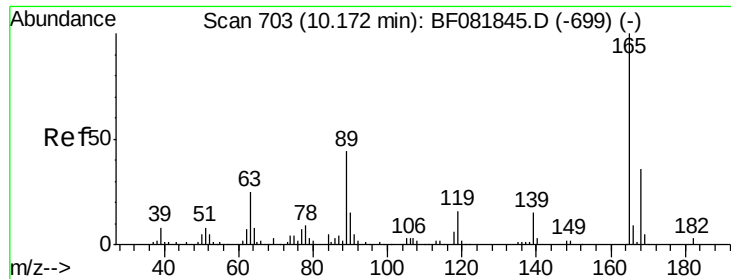
#49
 Dimethylphthalate
 Concen: 25.06 ng
 RT: 9.67 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF081927.D
 Acq: 1 Oct 2015 3:55

Tgt Ion:163 Resp: 316471
 Ion Ratio Lower Upper
 163 100
 194 4.1 4.4 6.6#
 164 9.0 8.3 12.5



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

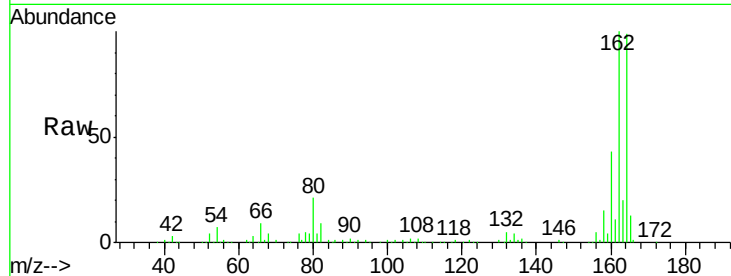




#56
 2,4-Dinitrotoluene
 Concen: 6.45 ng
 RT: 9.94 min Scan# 683
 Delta R.T. -0.19 min
 Lab File: BF081927.D
 Acq: 1 Oct 2015 3:55

Instrument :
 BNA_F
 ClientSampleId :
 002-TB-2(5-8.2)

Tgt Ion:	165	Resp:	22534
Ion Ratio	Lower	Upper	
165	100		
63	1.6	29.8	44.6#
89	1.6	44.5	66.7#
182	0.0	3.0	4.4#

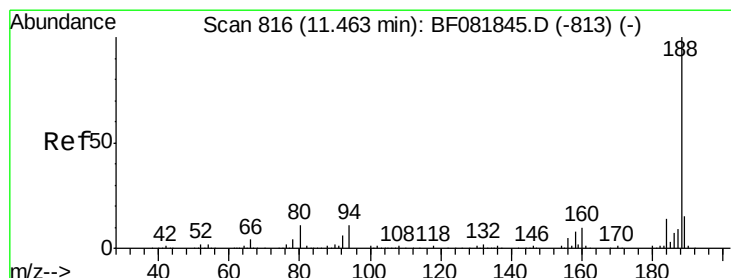
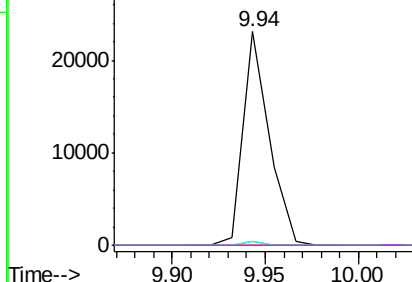
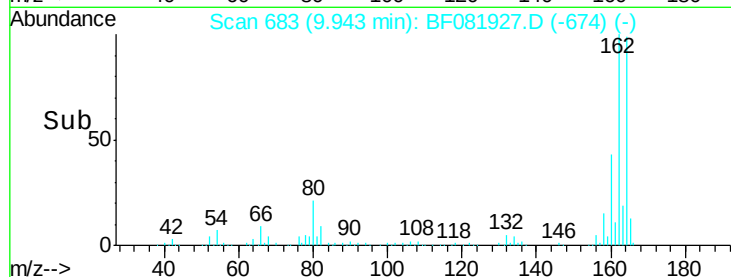


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

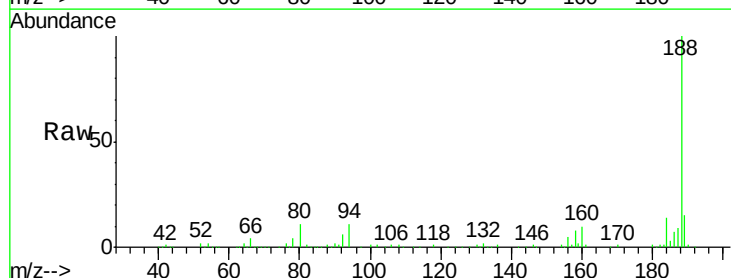
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF081927.D
 Acq: 1 Oct 2015 3:55

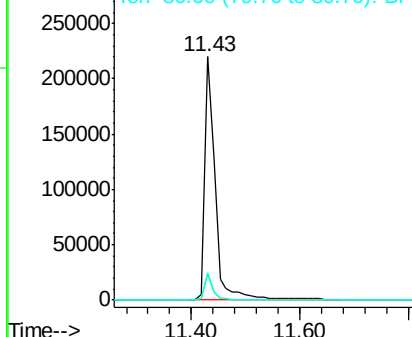
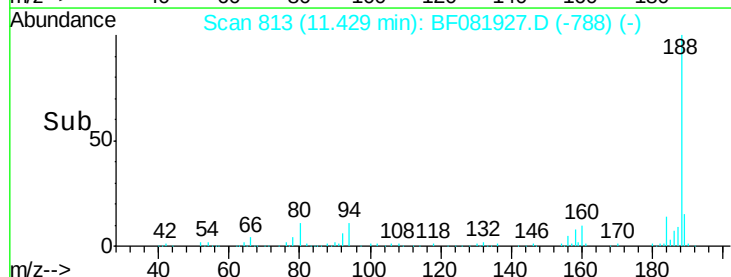
Tgt Ion:	188	Resp:	291586
Ion Ratio	Lower	Upper	
188	100		
94	10.7	11.1	16.7#
80	11.2	11.0	16.4

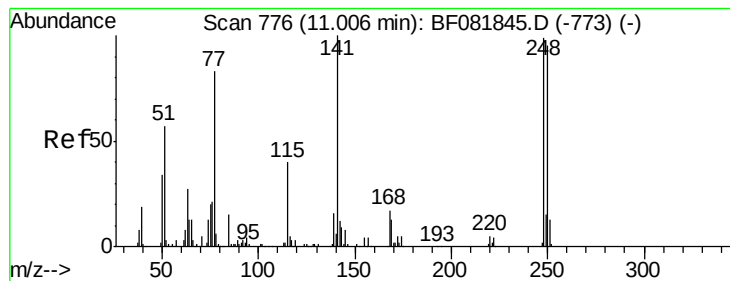


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.65 ng

RT: 10.73 min Scan# 752

Delta R.T. -0.25 min

Lab File: BF081927.D

Acq: 1 Oct 2015 3:55

Instrument :

BNA_F

ClientSampleId :

002-TB-2(5-8.2)

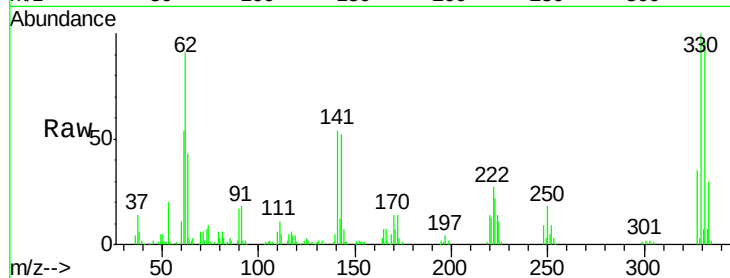
Tgt Ion:248 Resp: 13679

Ion Ratio Lower Upper

248 100

250 196.0 78.5 117.7#

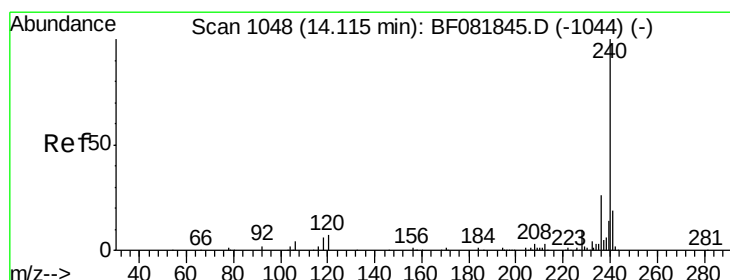
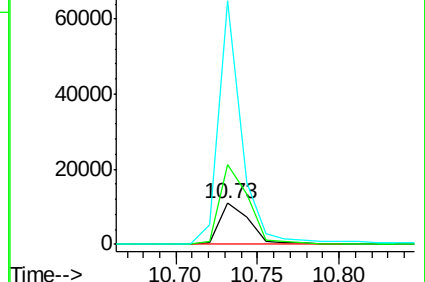
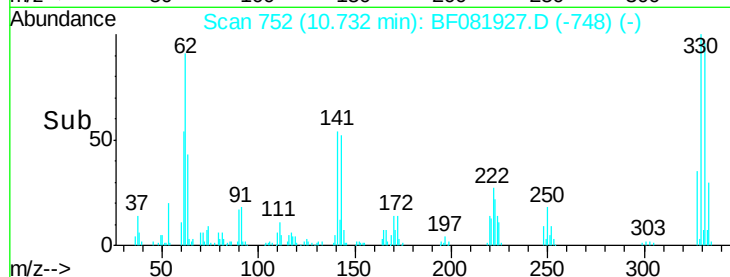
141 597.0 59.0 88.6#



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: 14.07 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF081927.D

Acq: 1 Oct 2015 3:55

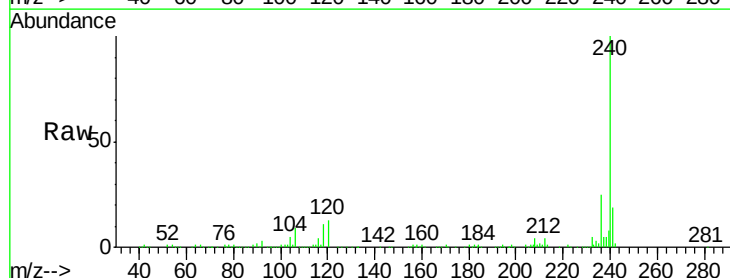
Tgt Ion:240 Resp: 307502

Ion Ratio Lower Upper

240 100

120 12.6 16.2 24.2#

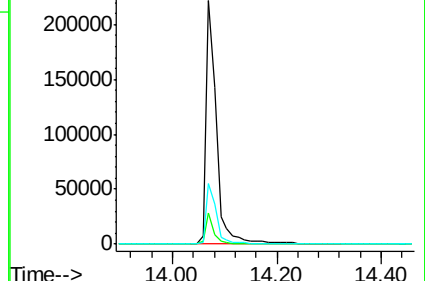
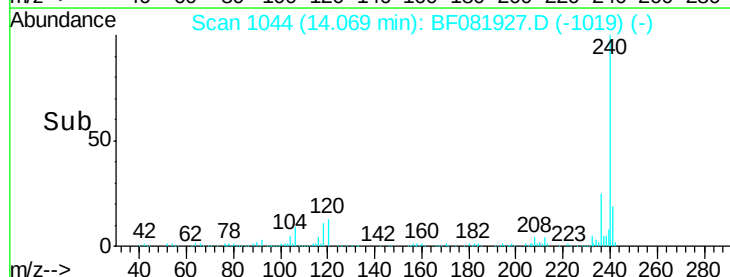
236 24.8 18.4 27.6

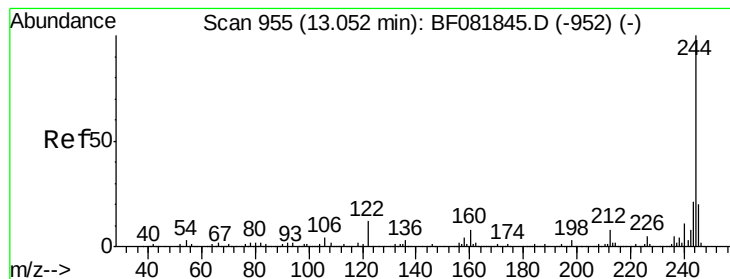


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.23 ng

RT: 13.02 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF081927.D

Acq: 1 Oct 2015 3:55

Instrument :

BNA_F

ClientSampleId :

002-TB-2(5-8.2)

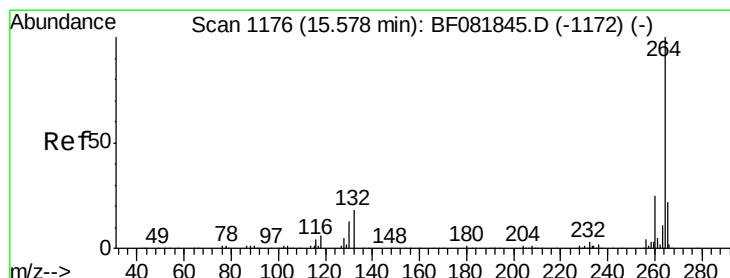
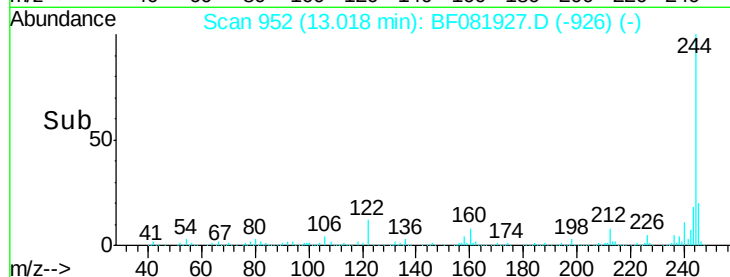
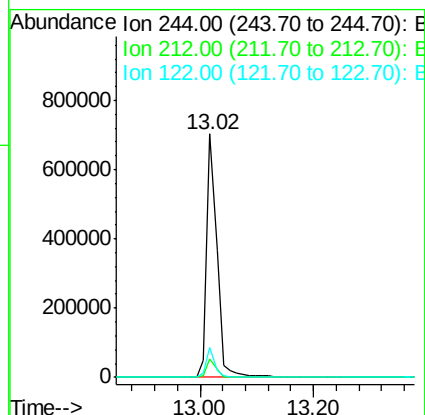
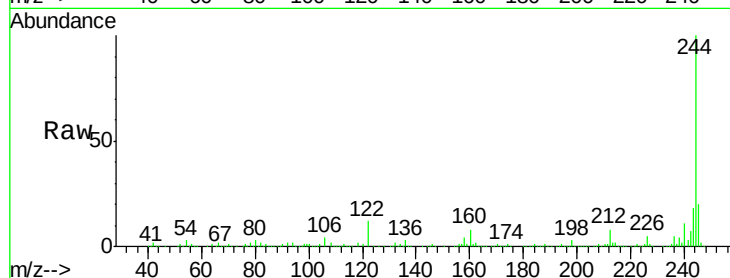
Tgt Ion:244 Resp: 844512

Ion Ratio Lower Upper

244 100

212 7.6 4.3 6.5#

122 12.2 17.4 26.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.53 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF081927.D

Acq: 1 Oct 2015 3:55

Tgt Ion:264 Resp: 298667

Ion Ratio Lower Upper

264 100

260 24.2 16.7 25.1

265 21.1 17.2 25.8

