

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
 Data File : BF081027.D
 Acq On : 18 Aug 2015 3:45
 Operator : UM/IZ
 Sample : G3289-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMPB-T(0-2)-1

Quant Time: Aug 18 04:34:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

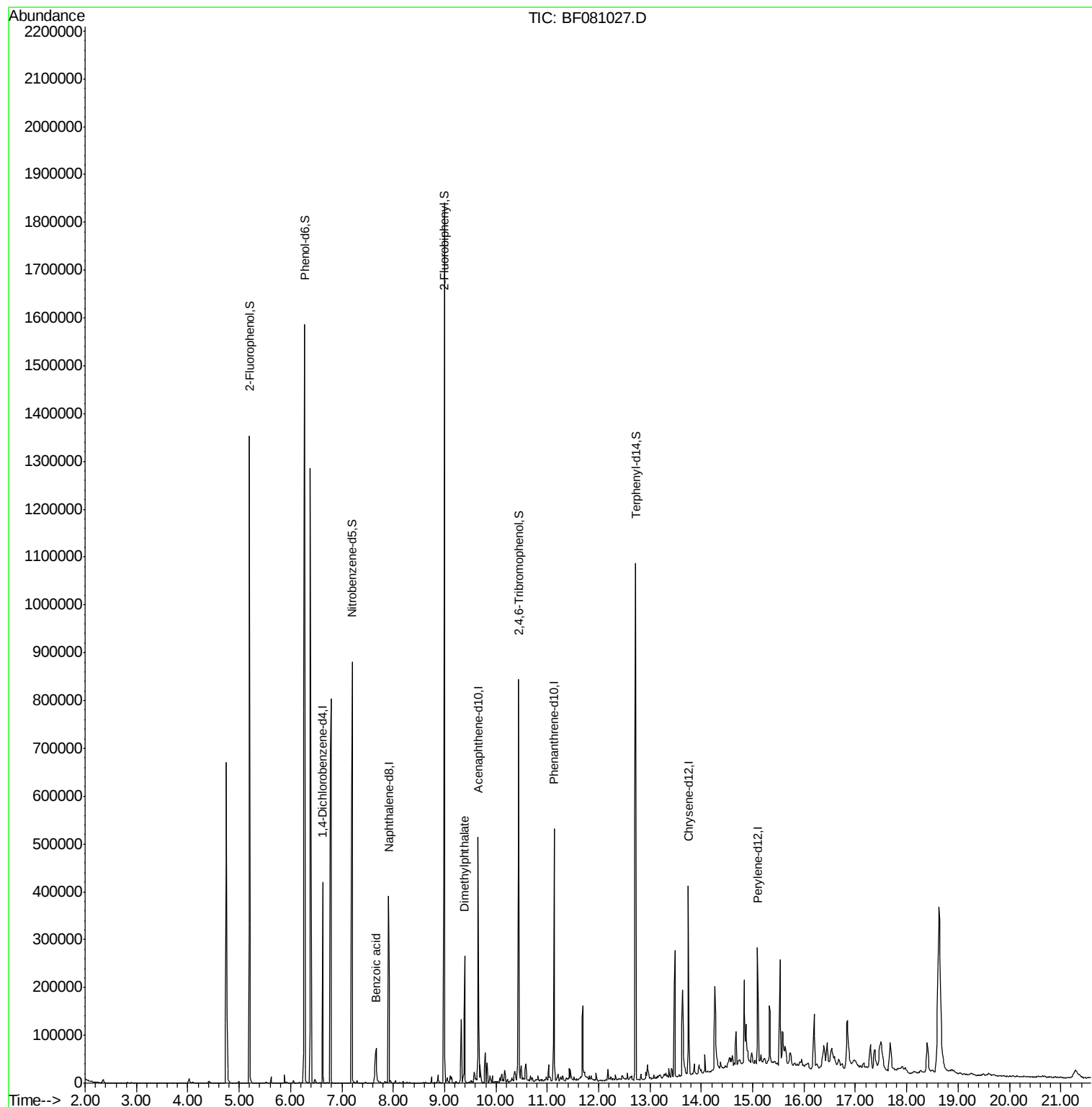
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	56457	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	203431	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	94145	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	168825	20.00	ng	0.00
75) Chrysene-d12	13.75	240	118572	20.00	ng	0.00
86) Perylene-d12	15.10	264	105008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	348860	92.94	ng	0.01
7) Phenol-d6	6.27	99	561928	114.74	ng	0.01
23) Nitrobenzene-d5	7.20	82	347097	77.94	ng	0.01
41) 2,4,6-Tribromophenol	10.44	330	83198	101.95	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	511454	71.18	ng	0.00
78) Terphenyl-d14	12.72	244	370462	66.98	ng	0.01
Target Compounds						Qvalue
32) Benzoic acid	7.67	122	28644	14.87	ng	88
49) Dimethylphthalate	9.39	163	123809	15.97	ng	100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF081027.D

Acq: 18 Aug 2015 3:45

Instrument :

BNA_F

ClientSampleId :

RAMPB-T(0-2)-1

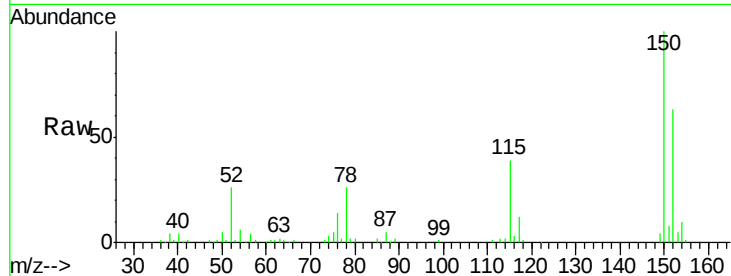
Tgt Ion:152 Resp: 56457

Ion Ratio Lower Upper

152 100

150 157.5 123.8 185.6

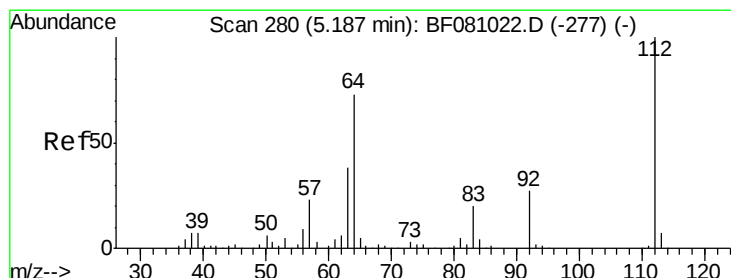
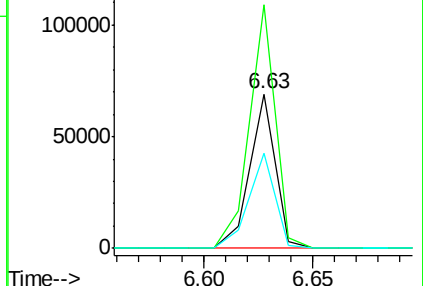
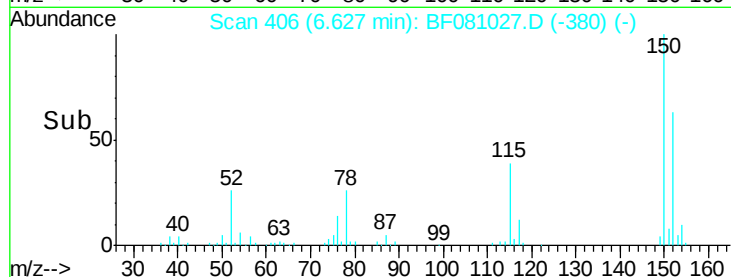
115 61.8 52.1 78.1



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: 92.94 ng

RT: 5.20 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF081027.D

Acq: 18 Aug 2015 3:45

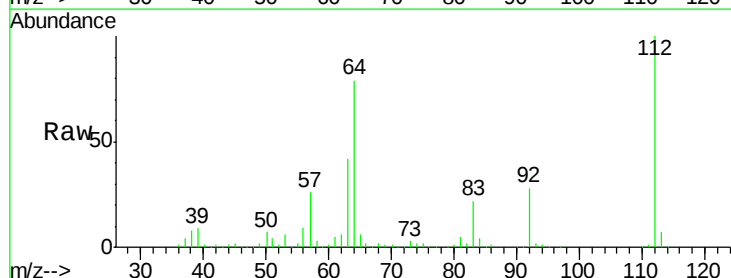
Tgt Ion:112 Resp: 348860

Ion Ratio Lower Upper

112 100

64 78.7 66.9 100.3

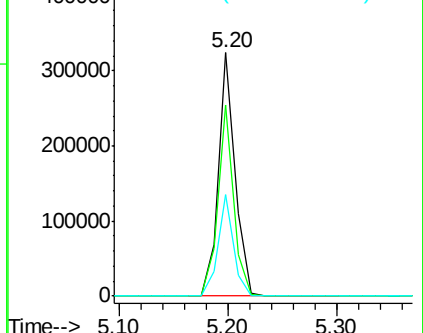
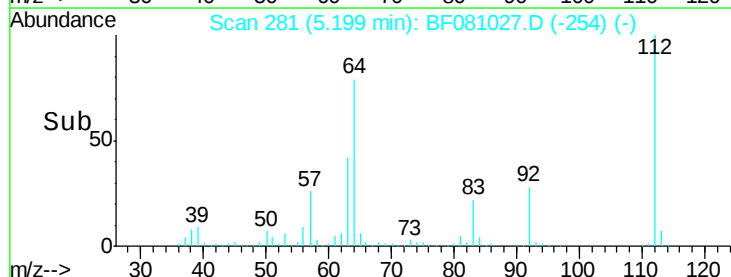
63 41.8 38.1 57.1



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: 114.74 ng

RT: 6.27 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF081027.D

Acq: 18 Aug 2015 3:45

Instrument :

BNA_F

ClientSampleId :

RAMPB-T(0-2)-1

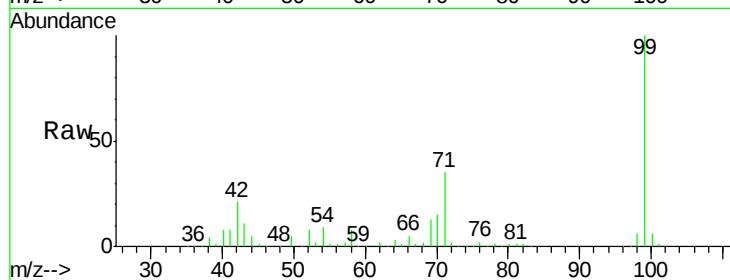
Tgt Ion: 99 Resp: 561928

Ion Ratio Lower Upper

99 100

42 21.5 19.6 29.4

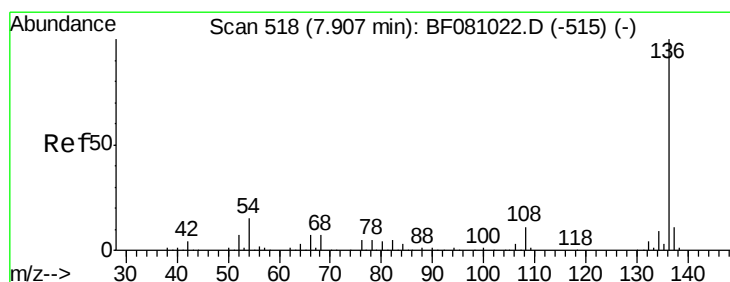
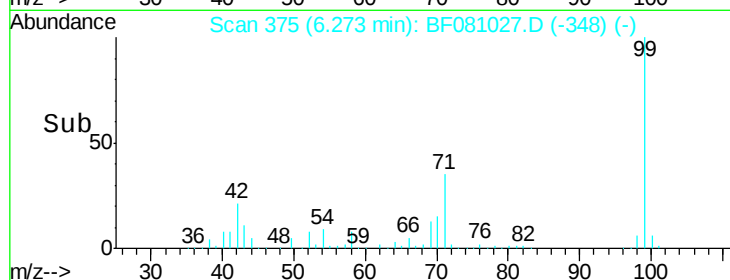
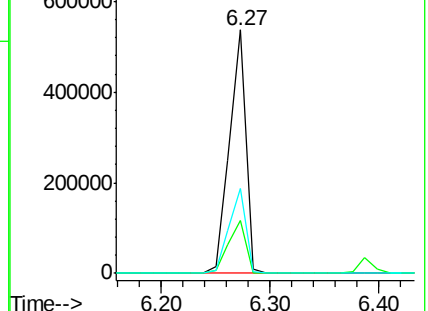
71 35.1 31.2 46.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF081027.D

Acq: 18 Aug 2015 3:45

Tgt Ion: 136 Resp: 203431

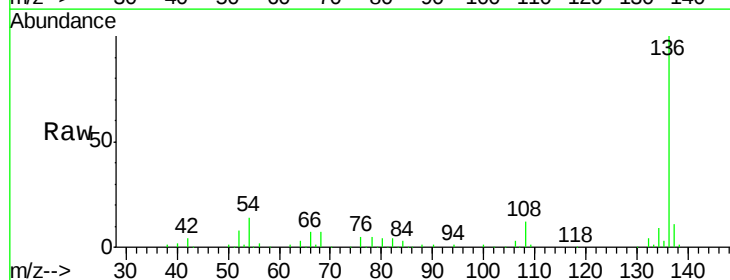
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.2

54 14.2 7.7 11.5#

68 7.4 3.4 5.2#

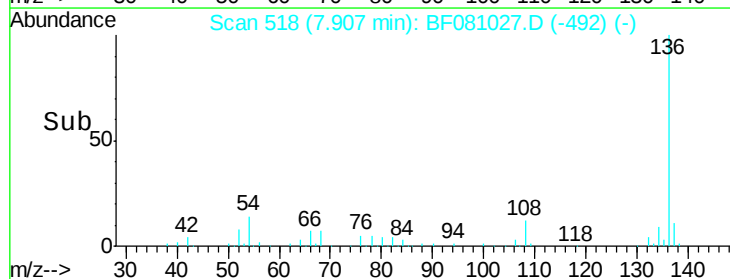
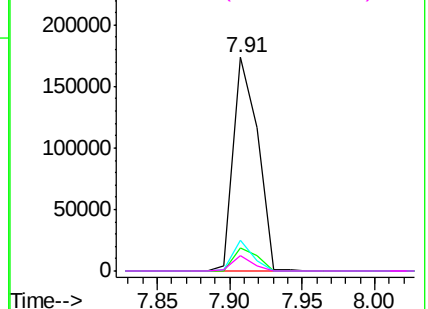


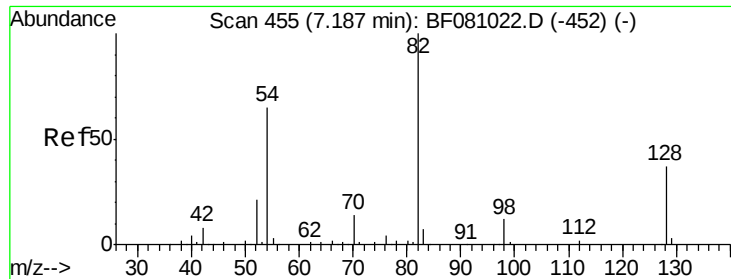
Abundance Ion 136.00 (135.70 to 136.70): E

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

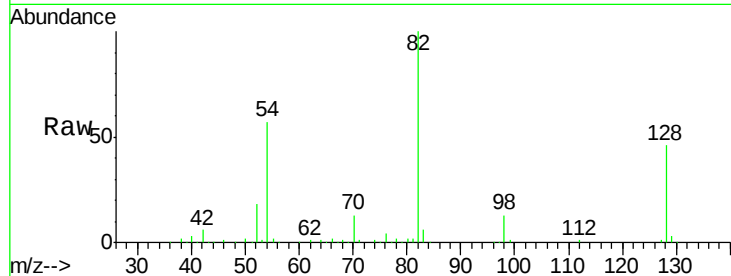




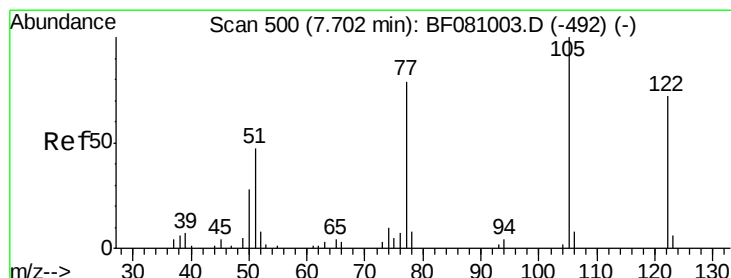
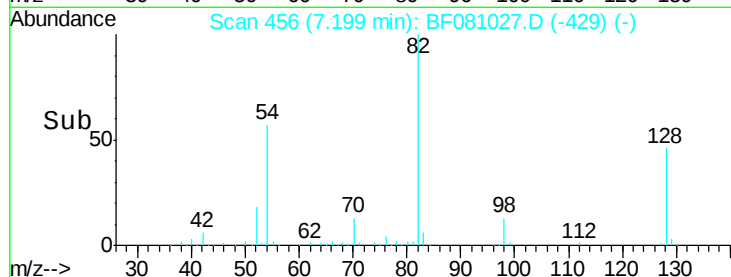
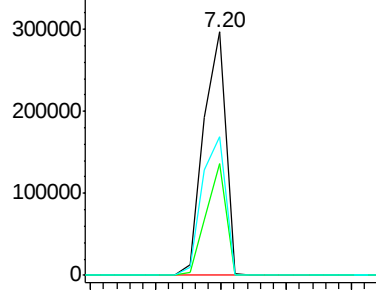
#23
 Nitrobenzene-d5
 Concen: 77.94 ng
 RT: 7.20 min Scan# 456
 Delta R.T. 0.01 min
 Lab File: BF081027.D
 Acq: 18 Aug 2015 3:45

Instrument :
 BNA_F
 ClientSampleId :
 RAMPB-T(0-2)-1

Tgt Ion: 82 Resp: 347097
 Ion Ratio Lower Upper
 82 100
 128 45.7 28.6 42.8#
 54 57.2 55.1 82.7

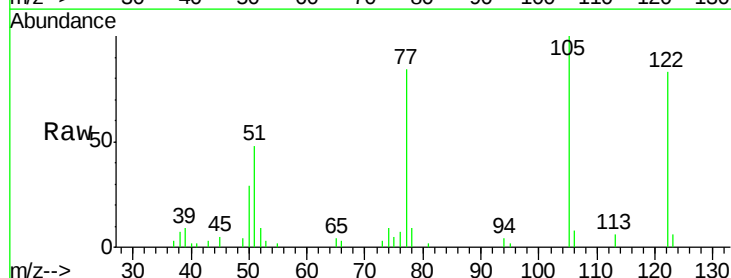


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

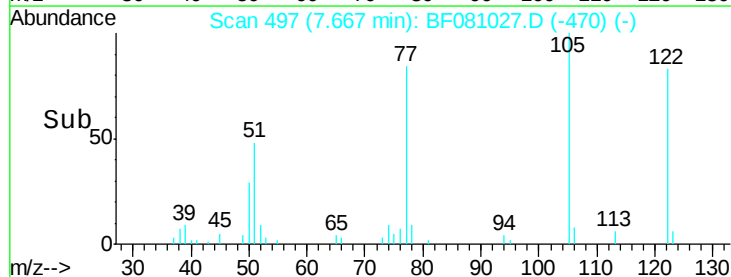
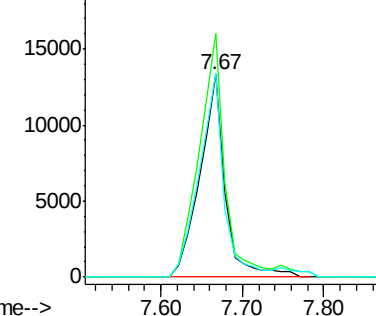


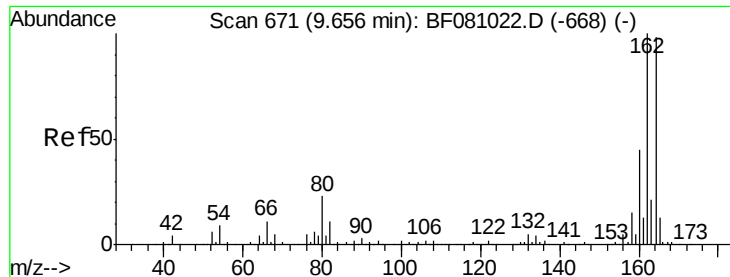
#32
 Benzoic acid
 Concen: 14.87 ng
 RT: 7.67 min Scan# 497
 Delta R.T. 0.01 min
 Lab File: BF081027.D
 Acq: 18 Aug 2015 3:45

Tgt Ion: 122 Resp: 28644
 Ion Ratio Lower Upper
 122 100
 105 120.2 113.8 153.8
 77 100.9 93.8 133.8



Abundance Ion 122.00 (121.70 to 122.70): B
 Ion 105.00 (104.70 to 105.70): B
 Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF081027.D

Acq: 18 Aug 2015 3:45

Instrument :

BNA_F

ClientSampleId :

RAMPB-T(0-2)-1

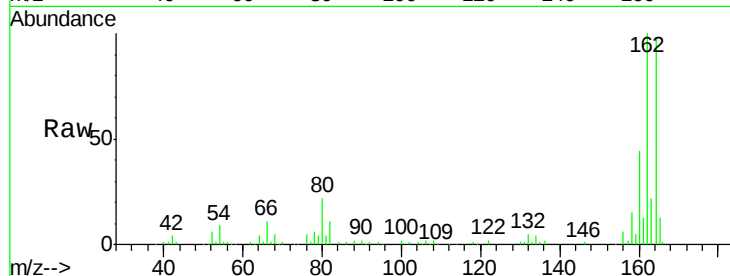
Tgt Ion:164 Resp: 94145

Ion Ratio Lower Upper

164 100

162 101.6 83.8 125.8

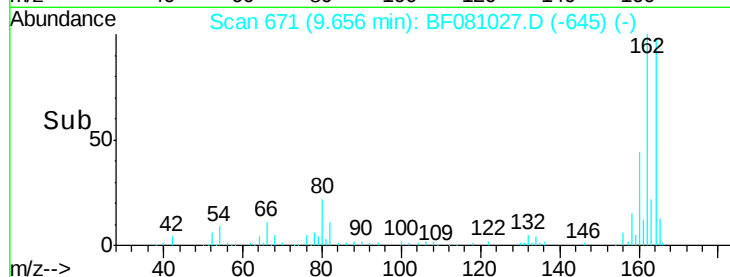
160 44.8 39.8 59.8



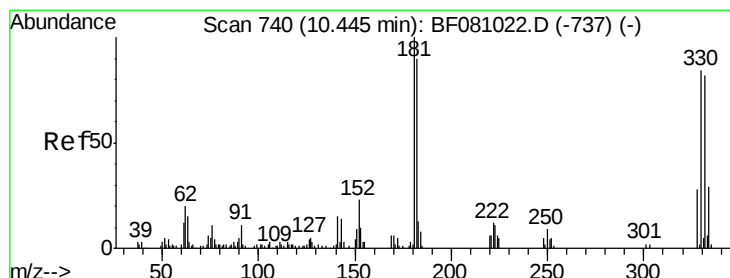
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 101.95 ng

RT: 10.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF081027.D

Acq: 18 Aug 2015 3:45

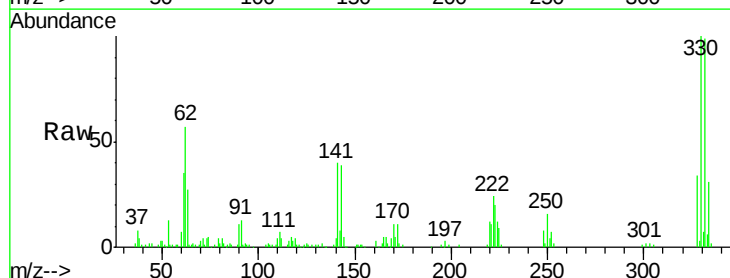
Tgt Ion:330 Resp: 83198

Ion Ratio Lower Upper

330 100

332 97.4 77.3 115.9

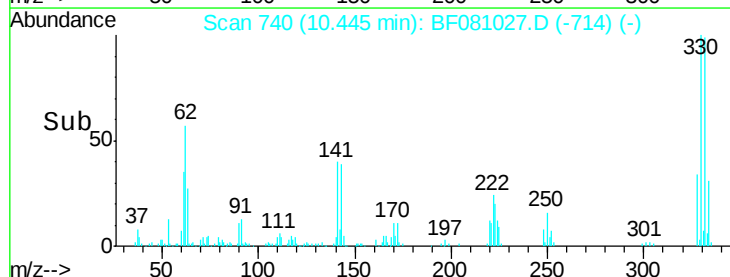
141 51.1 44.9 67.3



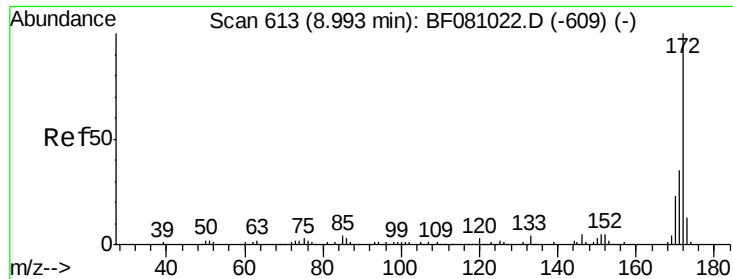
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



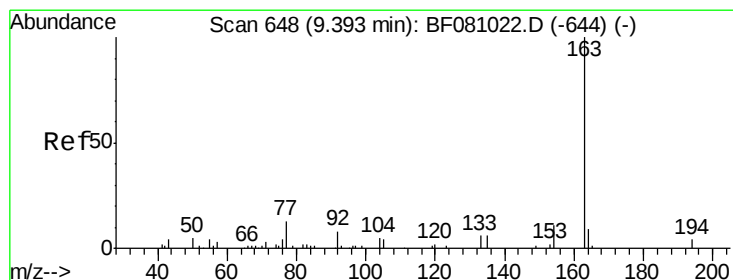
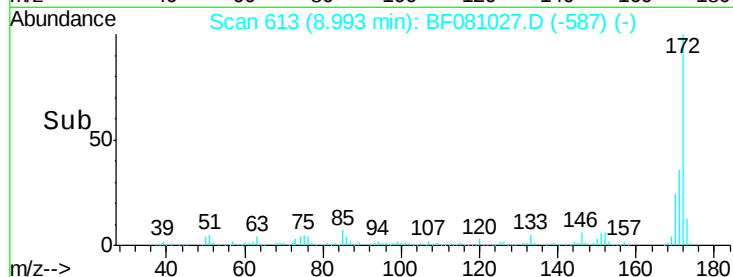
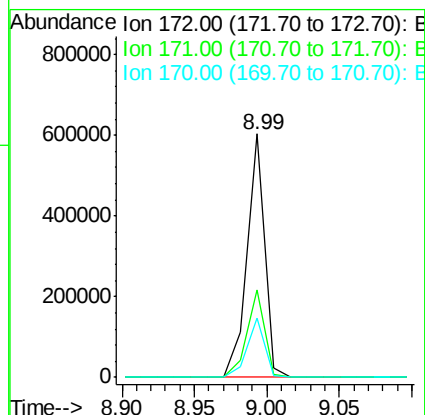
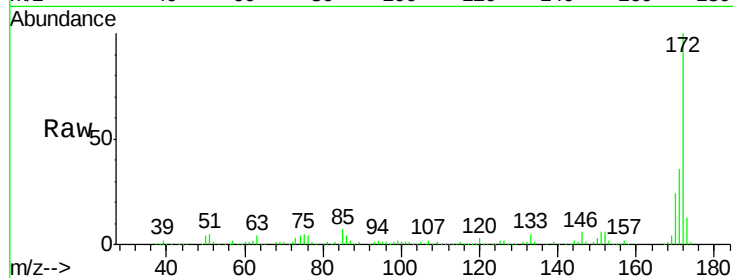
Time-->



#44
 2-Fluorobiphenyl
 Concen: 71.18 ng
 RT: 8.99 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF081027.D
 Acq: 18 Aug 2015 3:45

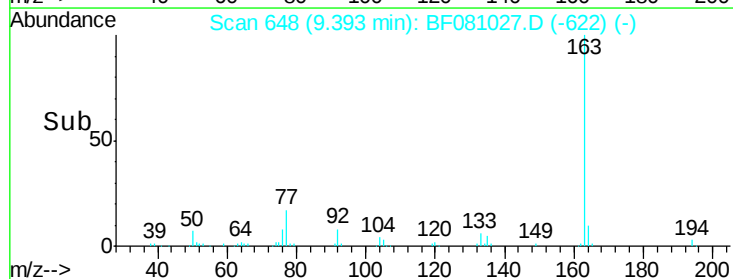
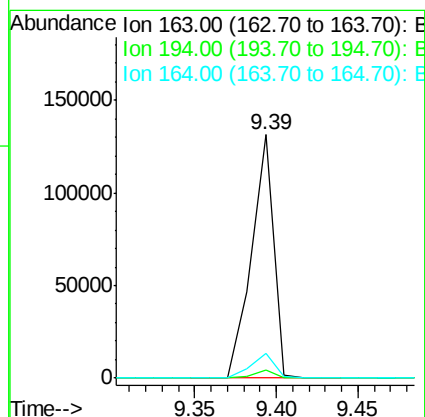
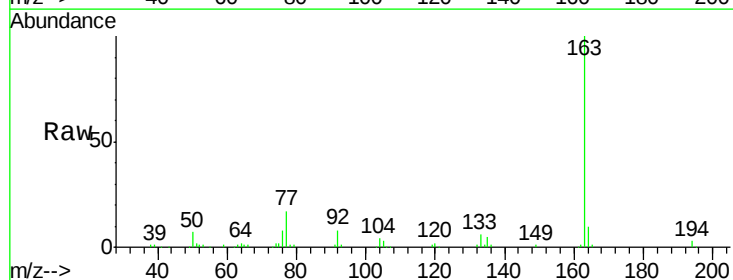
Instrument :
 BNA_F
 ClientSampleId :
 RAMPB-T(0-2)-1

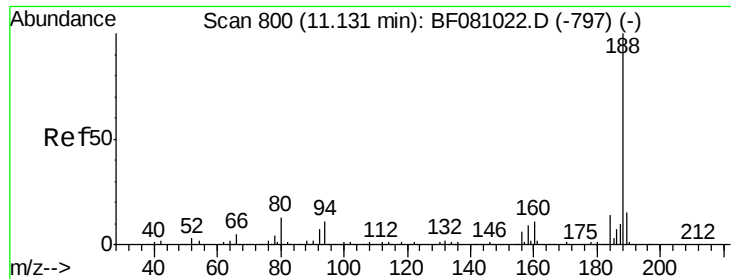
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	24.4	19.4	29.2



#49
 Dimethylphthalate
 Concen: 15.97 ng
 RT: 9.39 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF081027.D
 Acq: 18 Aug 2015 3:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.5	3.7
164	10.1	8.1	12.1

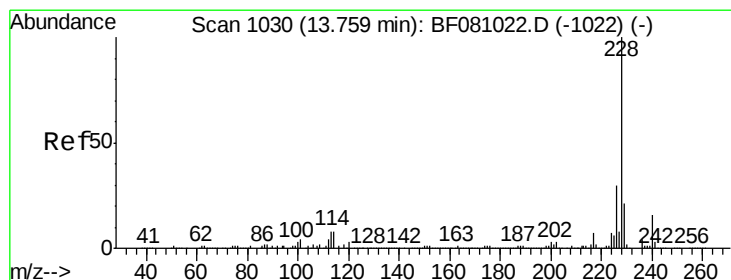
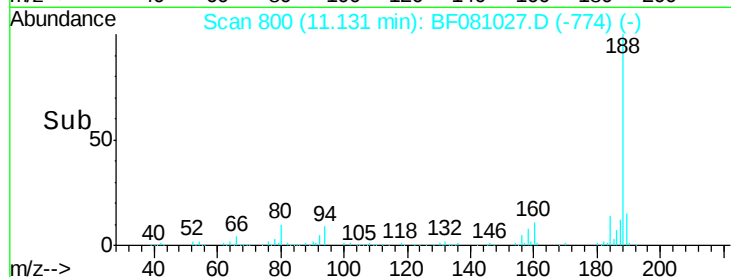
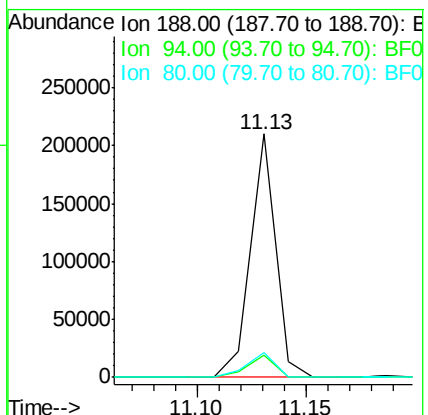
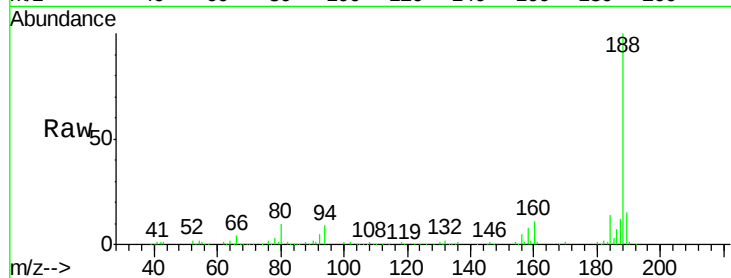




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF081027.D
 Acq: 18 Aug 2015 3:45

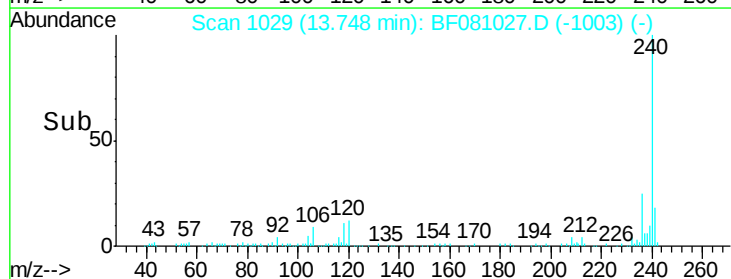
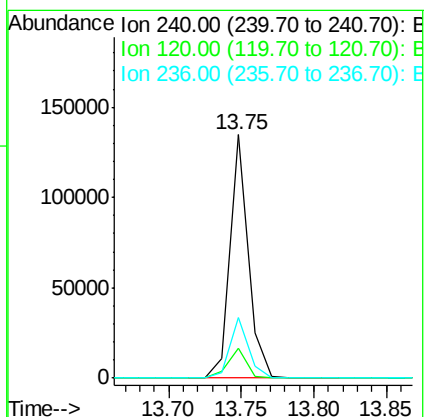
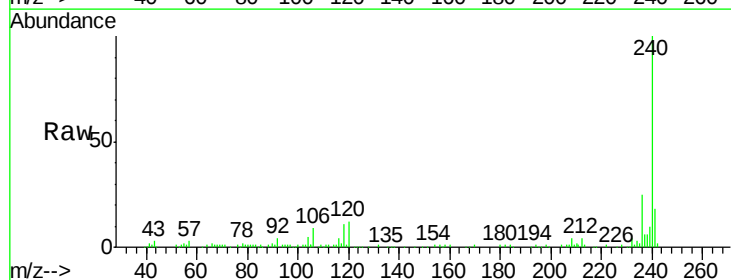
Instrument :
 BNA_F
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 RAMPB-T(0-2)-1

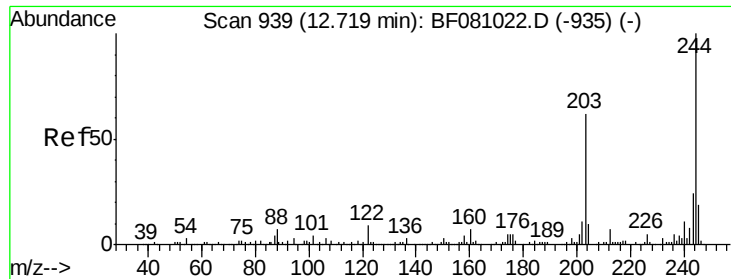
Tgt Ion:188 Resp: 168825
 Ion Ratio Lower Upper
 188 100
 94 8.9 8.2 12.2
 80 10.0 9.5 14.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.75 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF081027.D
 Acq: 18 Aug 2015 3:45

Tgt Ion:240 Resp: 118572
 Ion Ratio Lower Upper
 240 100
 120 12.3 5.6 8.4#
 236 25.0 20.6 30.8

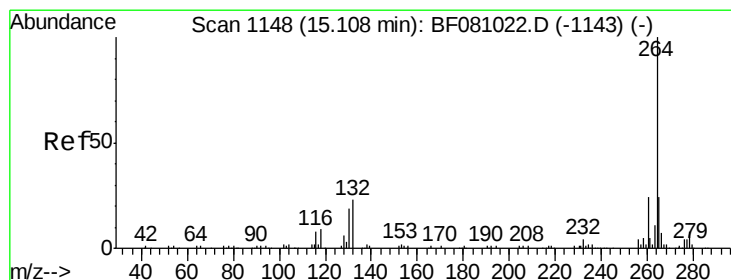
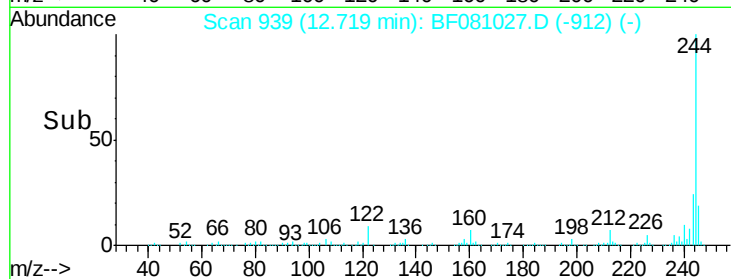
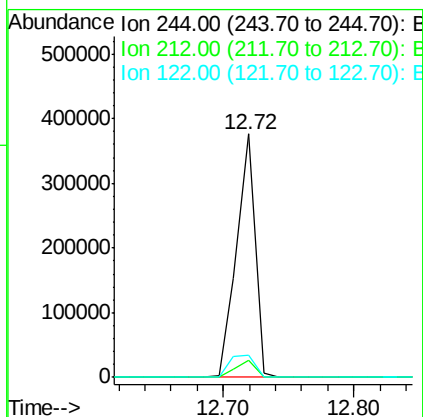
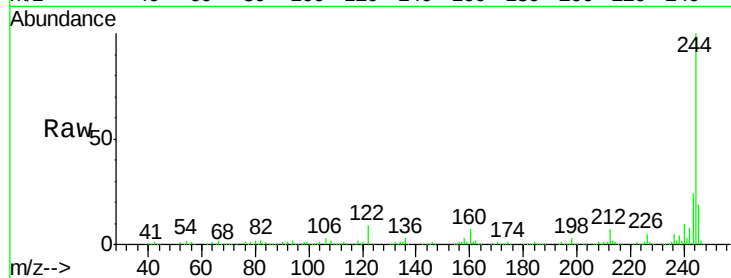




#78
 Terphenyl-d14
 Concen: 66.98 ng
 RT: 12.72 min Scan# 939
 Delta R.T. 0.01 min
 Lab File: BF081027.D
 Acq: 18 Aug 2015 3:45

Instrument :
 BNA_F
 ClientSampleId :
 RAMPB-T(0-2)-1

Tgt Ion: 244 Resp: 370462
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 8.9 8.2 12.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF081027.D
 Acq: 18 Aug 2015 3:45

Tgt Ion: 264 Resp: 105008
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.6 29.4
 265 20.8 17.5 26.3

