

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
 Data File : BF081371.D
 Acq On : 3 Sep 2015 2:56
 Operator : UM/IZ
 Sample : G3490-02 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6TPA(3.5-4)

Quant Time: Sep 03 04:07:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

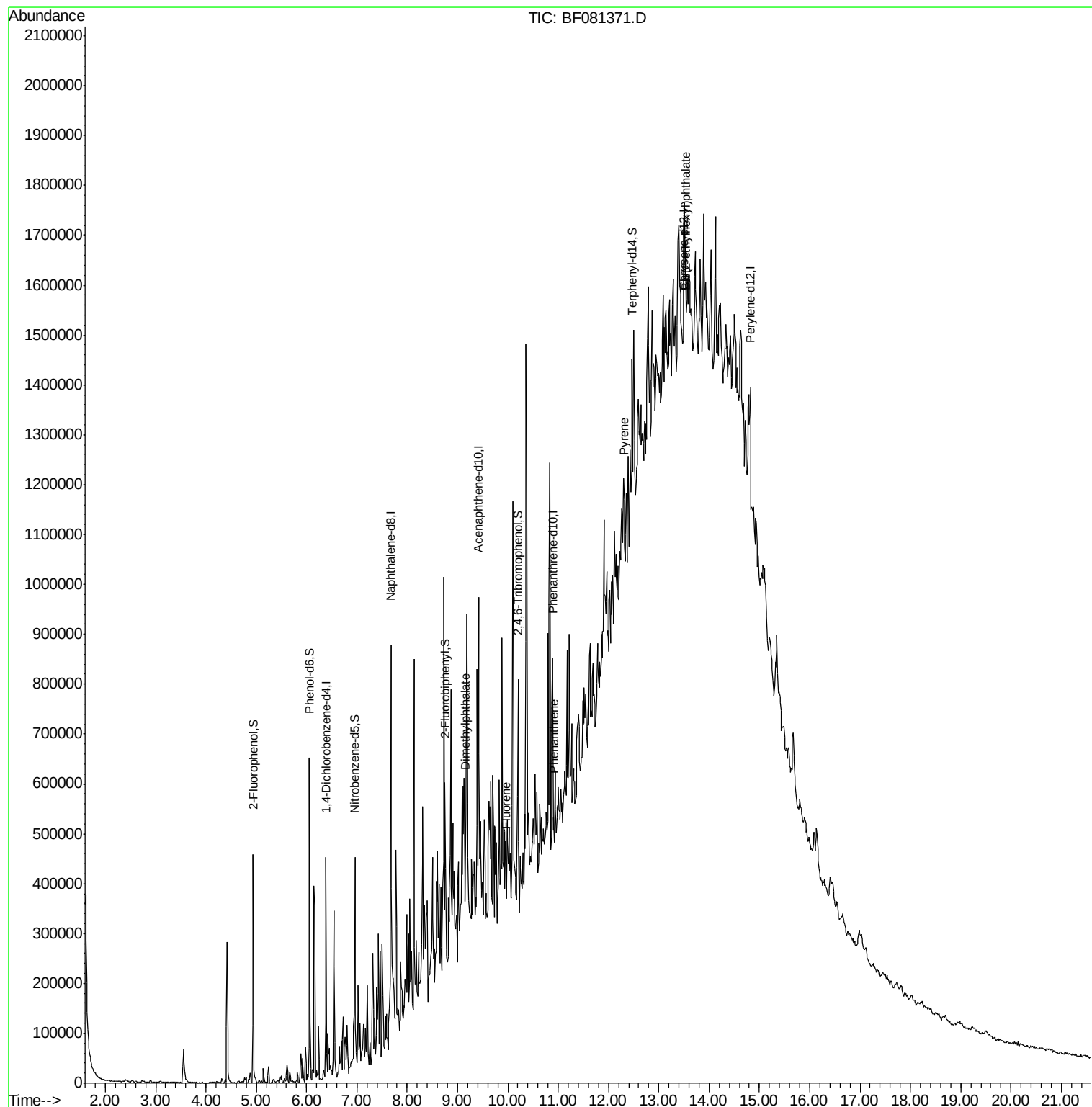
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	59318	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	232900	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	91806	20.00	ng	0.00
63) Phenanthrene-d10	10.89	188	172111	20.00	ng	0.01
75) Chrysene-d12	13.51	240	106203	20.00	ng	0.01
86) Perylene-d12	14.82	264	82772	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	125737	32.89	ng	0.01
7) Phenol-d6	6.06	99	185538	36.66	ng	0.00
23) Nitrobenzene-d5	6.96	82	113012	23.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.20	330	27833	34.05	ng	0.00
44) 2-Fluorobiphenyl	8.75	172	137415	19.18	ng	-0.01
78) Terphenyl-d14	12.47	244	91695	20.10	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.16	163	27058	3.79	ng	# 96
57) Fluorene	9.96	166	18501	2.71	ng	# 59
70) Phenanthrene	10.91	178	36003	3.76	ng	# 86
77) Pyrene	12.31	202	31006	3.94	ng	# 92
83) Bis(2-ethylhexyl)phthalate	13.53	149	53261	11.80	ng	# 94

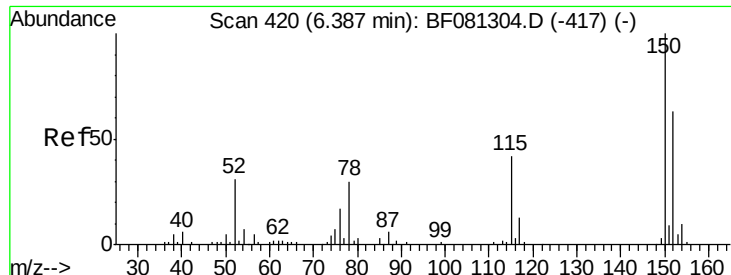
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081371.D

Acq: 3 Sep 2015 2:56

Instrument :

BNA_F

ClientSampleId :

6TPA(3.5-4)

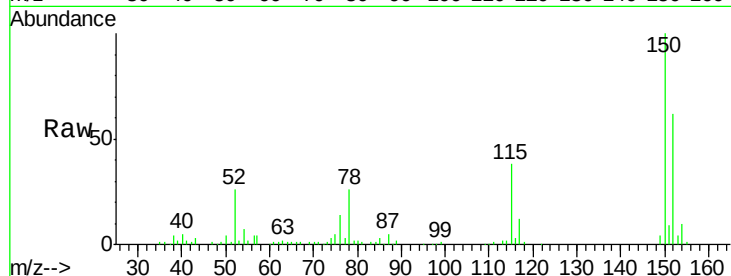
Tgt Ion:152 Resp: 59318

Ion Ratio Lower Upper

152 100

150 161.0 124.7 187.1

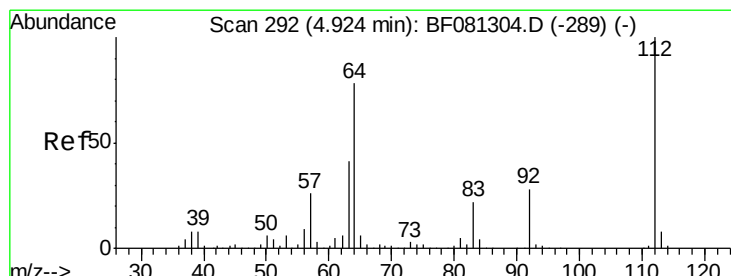
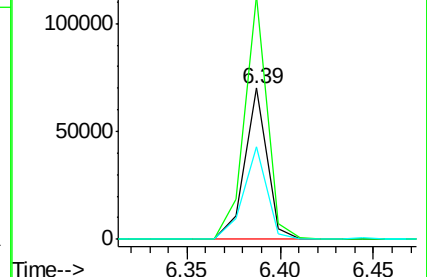
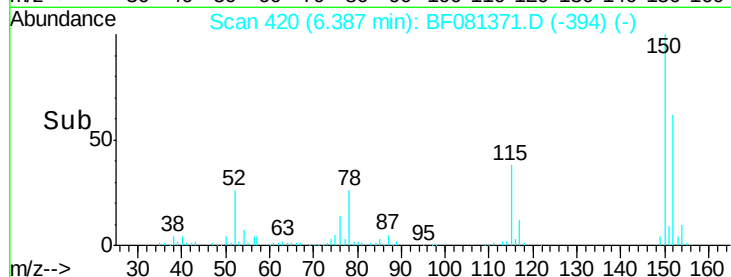
115 61.4 39.0 58.4#



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: 32.89 ng

RT: 4.94 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF081371.D

Acq: 3 Sep 2015 2:56

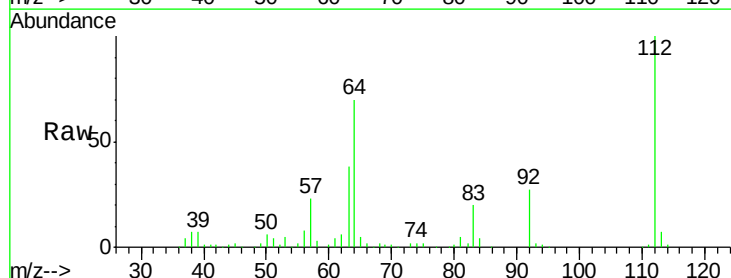
Tgt Ion:112 Resp: 125737

Ion Ratio Lower Upper

112 100

64 69.7 39.7 59.5#

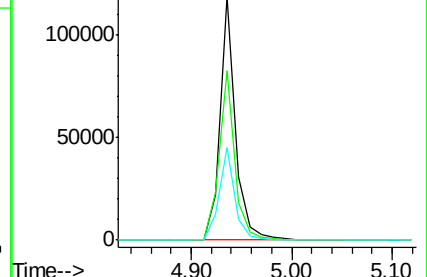
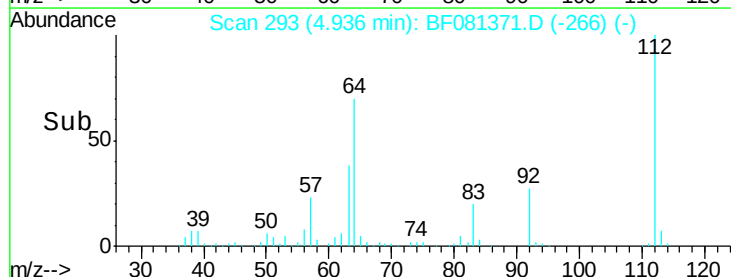
63 38.1 17.4 26.0#

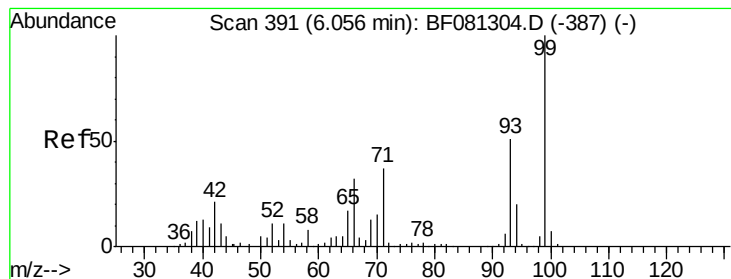


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.66 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081371.D

Acq: 3 Sep 2015 2:56

Instrument :

BNA_F

ClientSampleId :

6TPA(3.5-4)

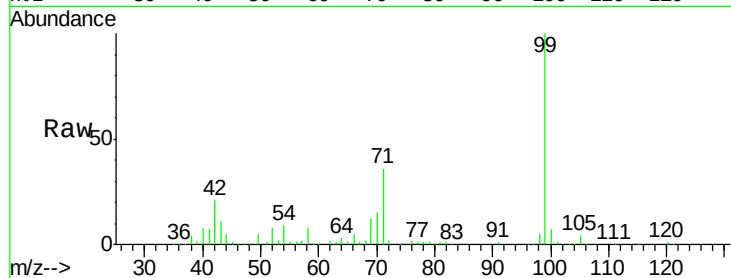
Tgt Ion: 99 Resp: 185538

Ion Ratio Lower Upper

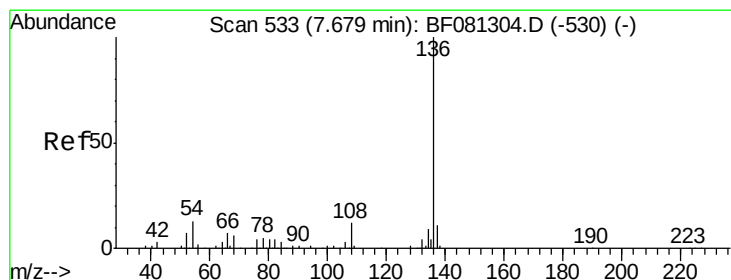
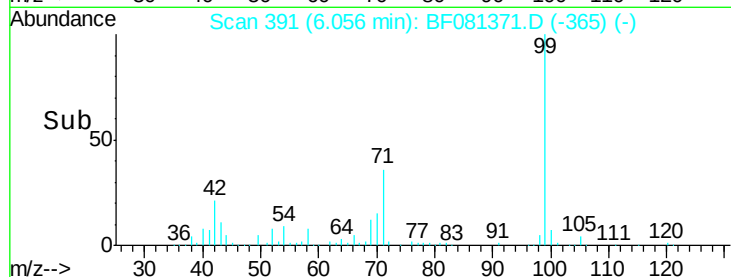
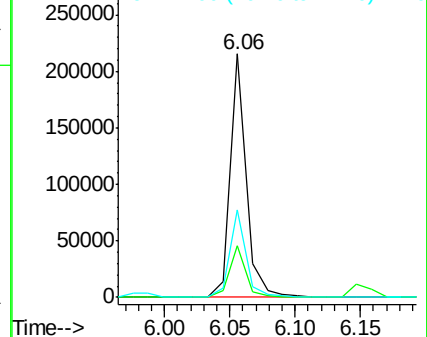
99 100

42 21.4 13.7 20.5#

71 36.0 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF081371.D

Acq: 3 Sep 2015 2:56

Tgt Ion: 136 Resp: 232900

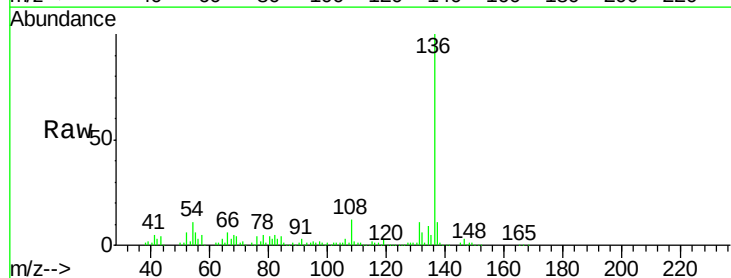
Ion Ratio Lower Upper

136 100

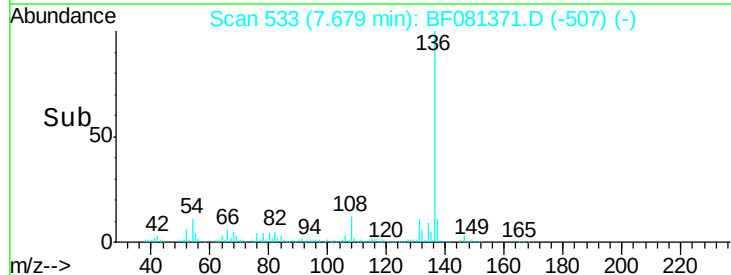
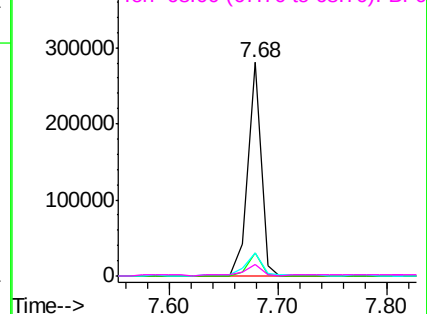
137 10.8 9.0 13.6

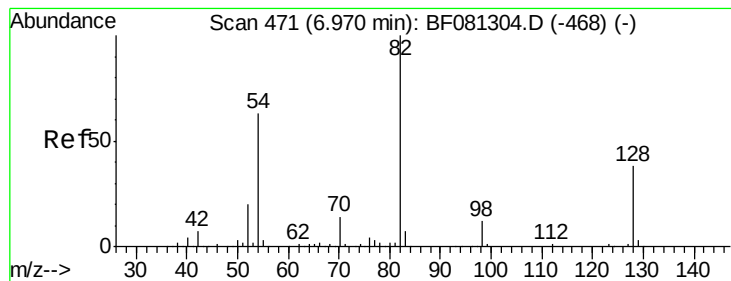
54 11.0 8.2 12.2

68 5.4 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: 23.41 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF081371.D

Acq: 3 Sep 2015 2:56

Instrument :

BNA_F

ClientSampleId :

6TPA(3.5-4)

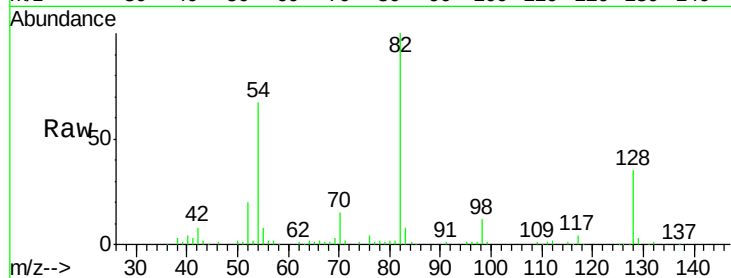
Tgt Ion: 82 Resp: 113012

Ion Ratio Lower Upper

82 100

128 35.4 51.0 76.6#

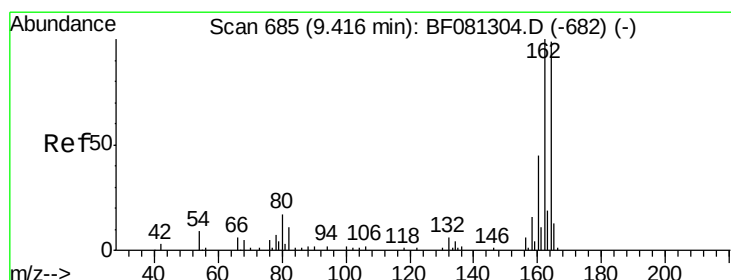
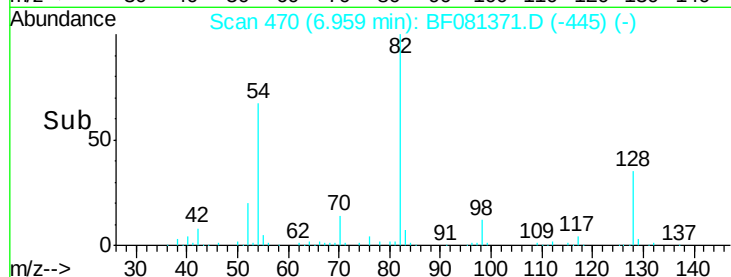
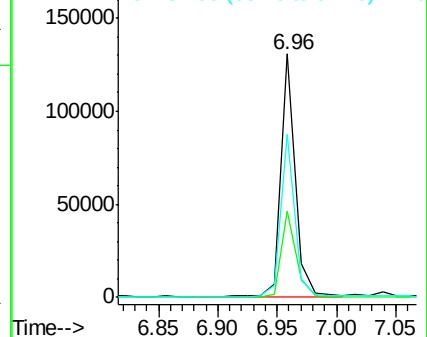
54 66.7 47.5 71.3



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: 9.42 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF081371.D

Acq: 3 Sep 2015 2:56

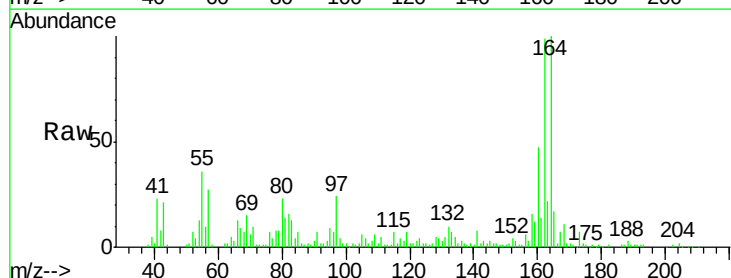
Tgt Ion: 164 Resp: 91806

Ion Ratio Lower Upper

164 100

162 99.1 75.2 112.8

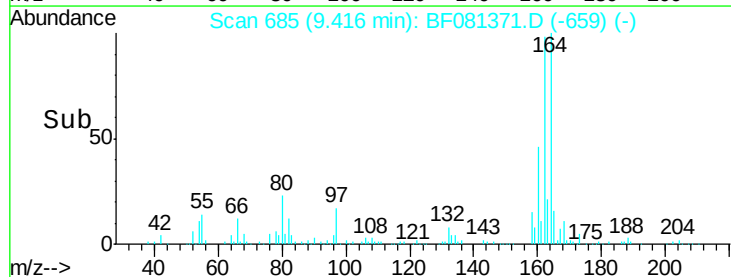
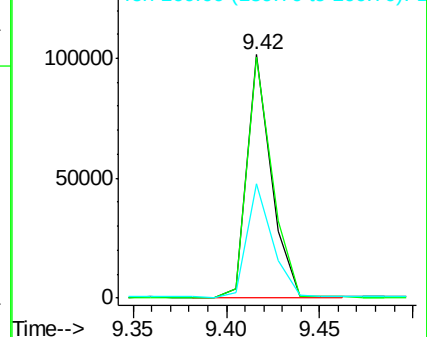
160 46.9 31.5 47.3

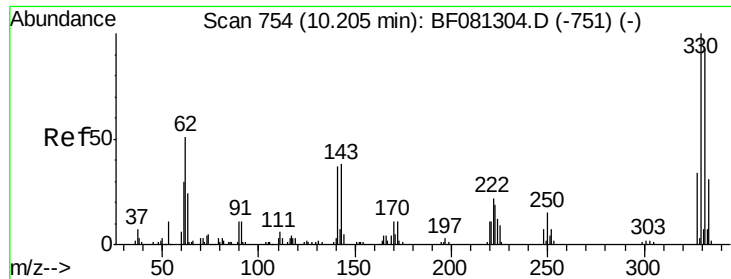


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

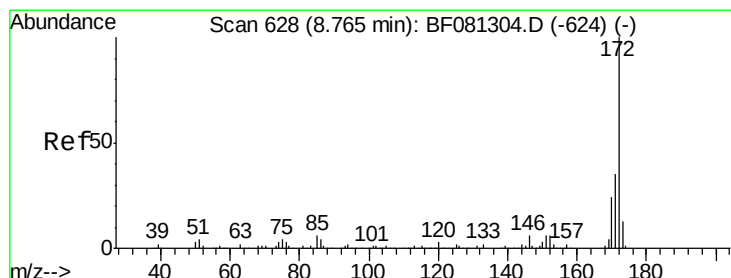
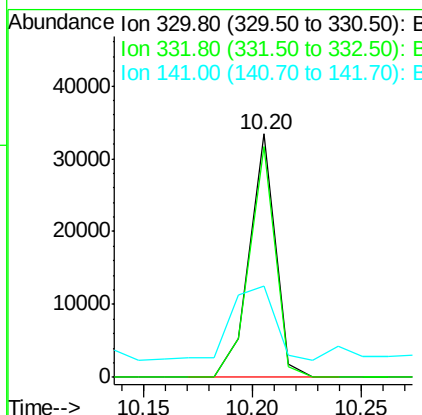
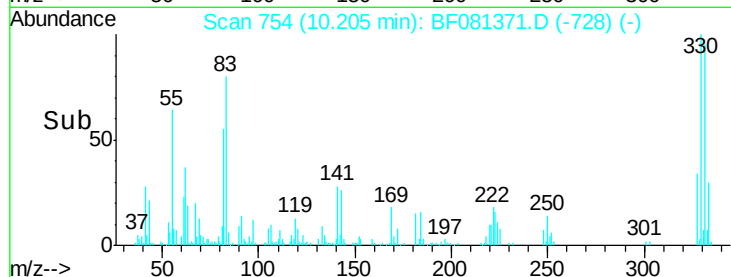
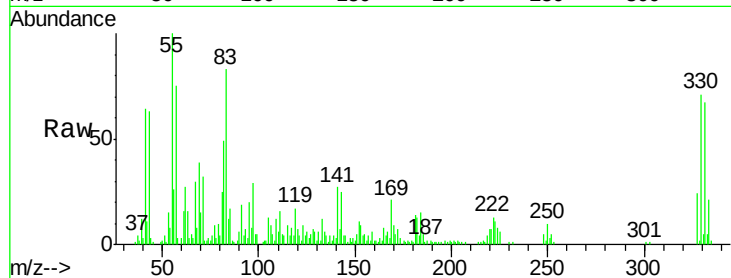




#41
 2,4,6-Tribromophenol
 Concen: 34.05 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF081371.D
 Acq: 3 Sep 2015 2:56

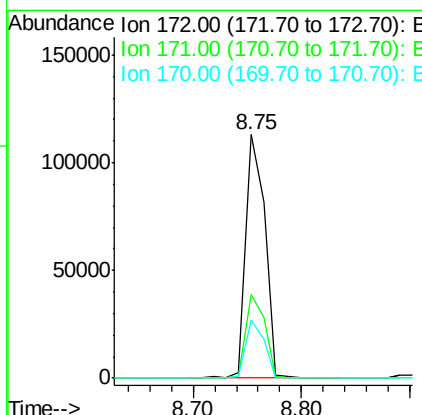
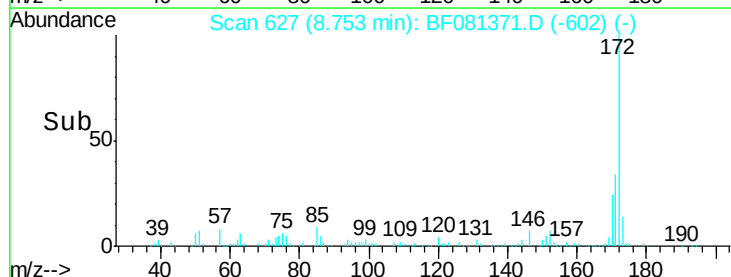
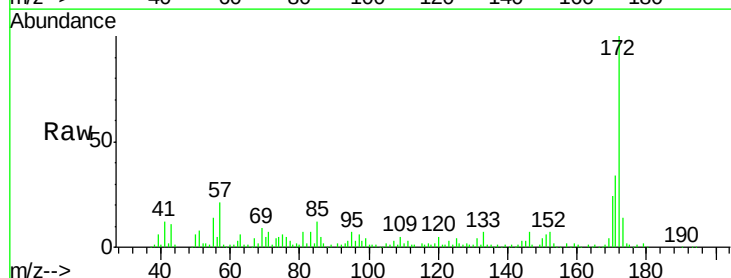
Instrument :
 BNA_F
 ClientSampleId :
 6TPA(3.5-4)

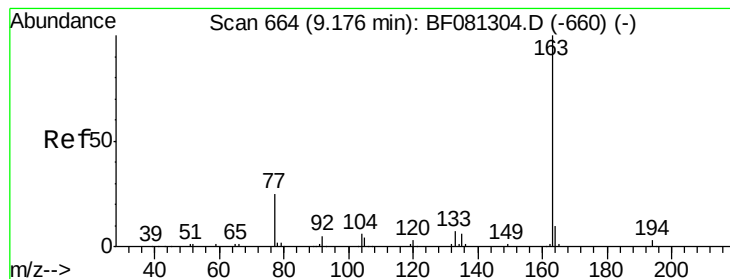
Tgt Ion:330 Resp: 27833
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 114.8
 141 50.1 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 19.18 ng
 RT: 8.75 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF081371.D
 Acq: 3 Sep 2015 2:56

Tgt Ion:172 Resp: 137415
 Ion Ratio Lower Upper
 172 100
 171 34.4 26.1 39.1
 170 23.6 17.4 26.2





#49

Dimethylphthalate

Concen: 3.79 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF081371.D

Acq: 3 Sep 2015 2:56

Instrument :

BNA_F

ClientSampleId :

6TPA(3.5-4)

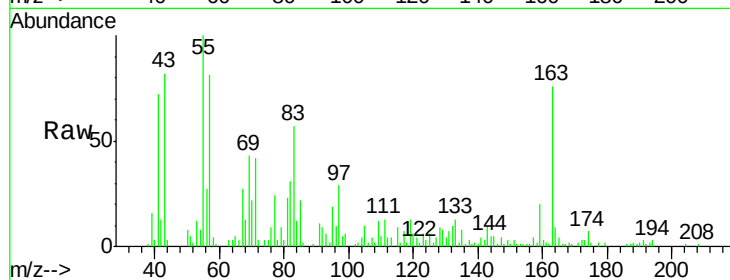
Tgt Ion:163 Resp: 27058

Ion Ratio Lower Upper

163 100

194 3.7 4.4 6.6#

164 11.6 8.3 12.5



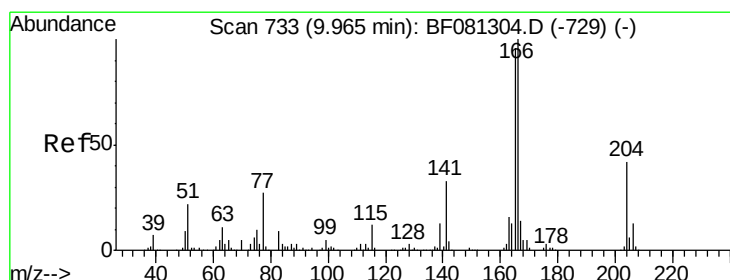
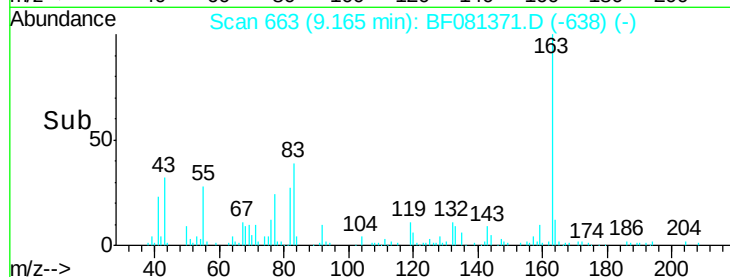
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

9.16

Time-->



#57

Fluorene

Concen: 2.71 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF081371.D

Acq: 3 Sep 2015 2:56

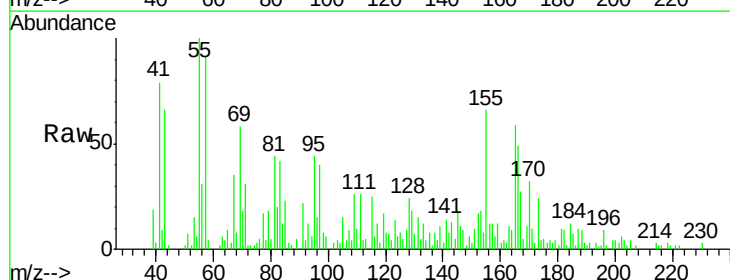
Tgt Ion:166 Resp: 18501

Ion Ratio Lower Upper

166 100

165 121.6 72.6 109.0#

167 54.5 10.6 16.0#



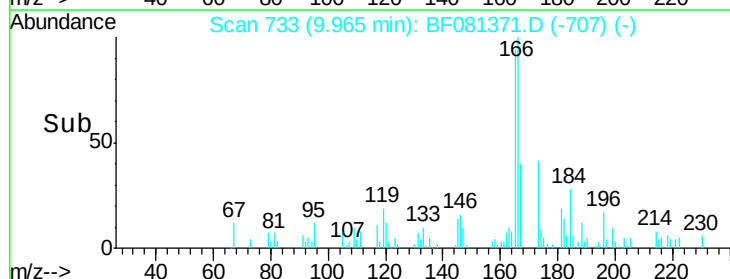
Abundance Ion 166.00 (165.70 to 166.70): E

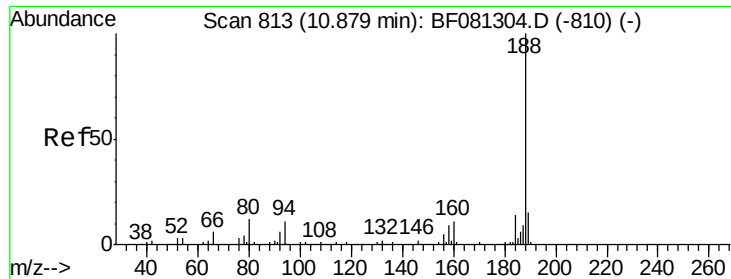
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

9.96

Time-->

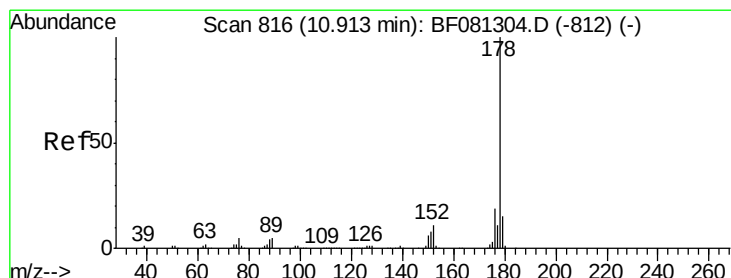
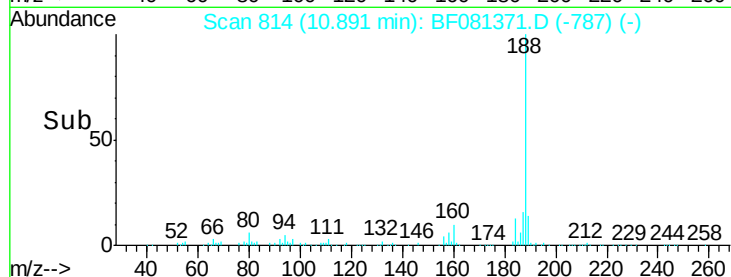
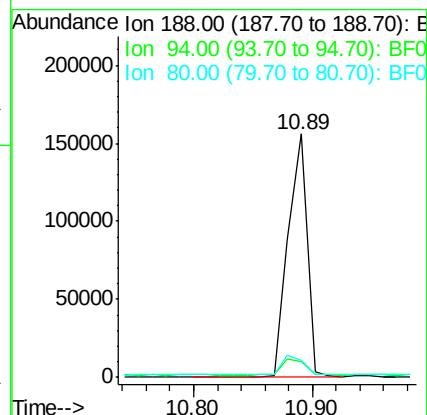
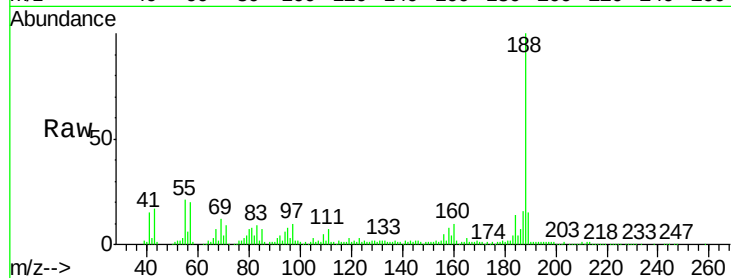




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.89 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF081371.D
Acq: 3 Sep 2015 2:56

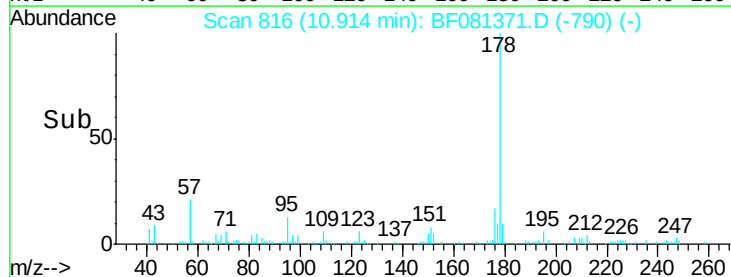
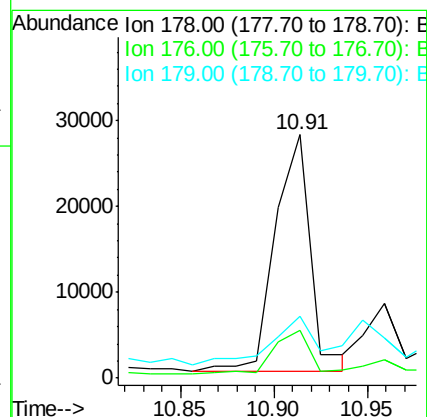
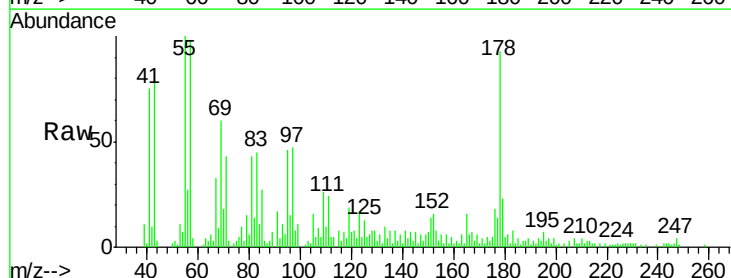
Instrument :
BNA_F
ClientSampleId :
6TPA(3.5-4)

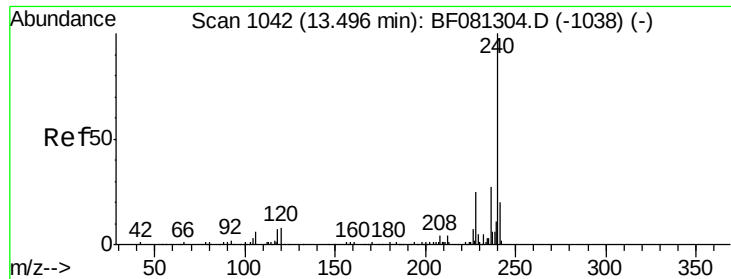
Tgt Ion:188 Resp: 172111
Ion Ratio Lower Upper
188 100
94 6.4 11.1 16.7#
80 6.8 11.0 16.4#



#70
Phenanthrene
Concen: 3.76 ng
RT: 10.91 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF081371.D
Acq: 3 Sep 2015 2:56

Tgt Ion:178 Resp: 36003
Ion Ratio Lower Upper
178 100
176 19.6 13.8 20.8
179 25.2 12.2 18.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.51 min Scan# 1043

Delta R.T. 0.01 min

Lab File: BF081371.D

Acq: 3 Sep 2015 2:56

Instrument :

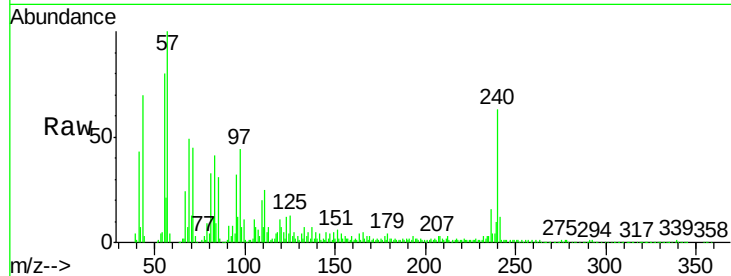
BNA_F

ClientSampled :

6TPA(3.5-4)

Tgt Ion:240 Resp: 106203

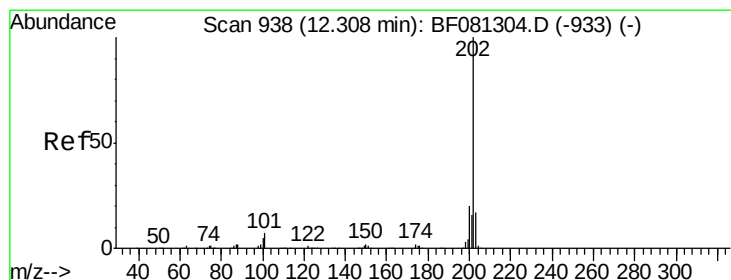
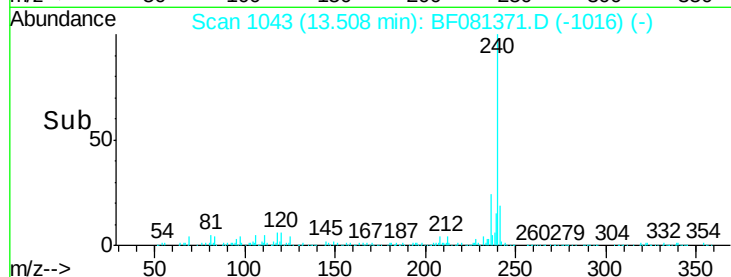
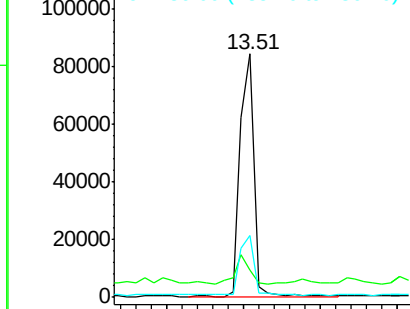
Ion	Ratio	Lower	Upper
240	100		
120	11.3	16.2	24.2#
236	25.5	18.4	27.6



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



#77

Pyrene

Concen: 3.94 ng

RT: 12.31 min Scan# 938

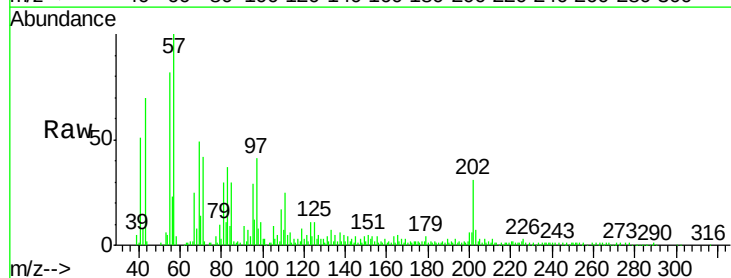
Delta R.T. 0.00 min

Lab File: BF081371.D

Acq: 3 Sep 2015 2:56

Tgt Ion:202 Resp: 31006

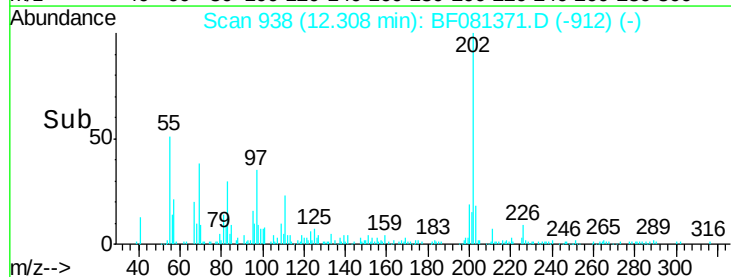
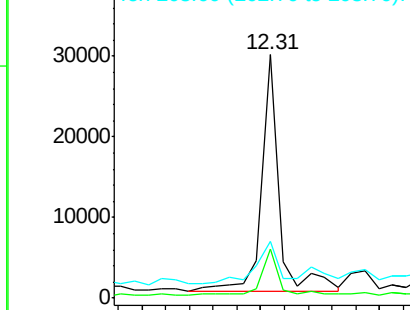
Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.0	22.4
203	23.4	14.1	21.1#

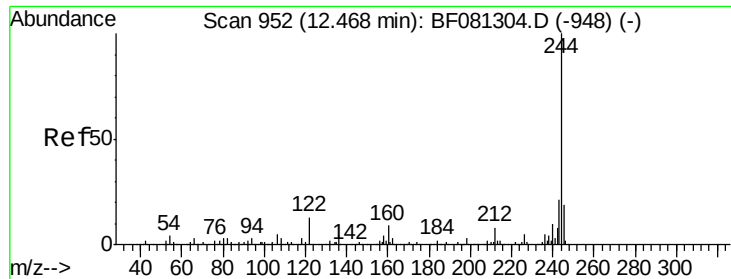


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

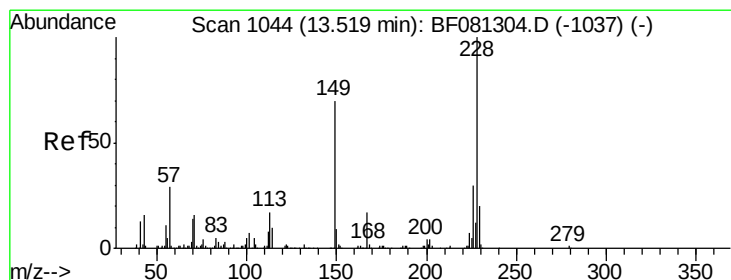
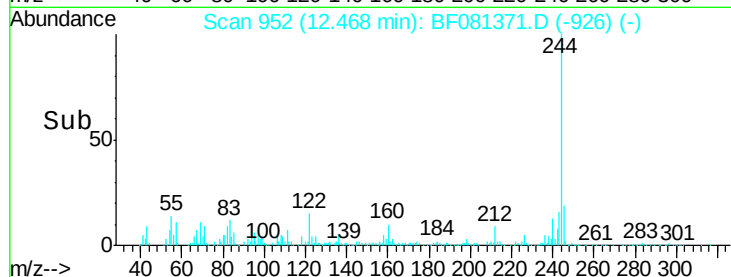
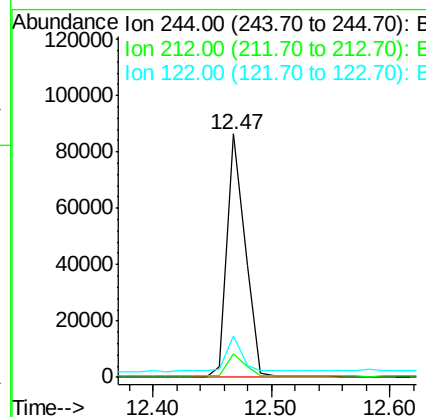
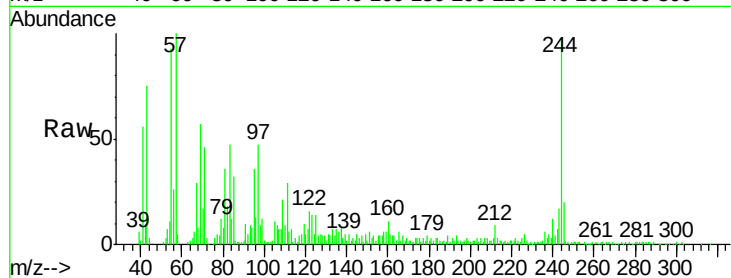




#78
 Terphenyl-d14
 Concen: 20.10 ng
 RT: 12.47 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF081371.D
 Acq: 3 Sep 2015 2:56

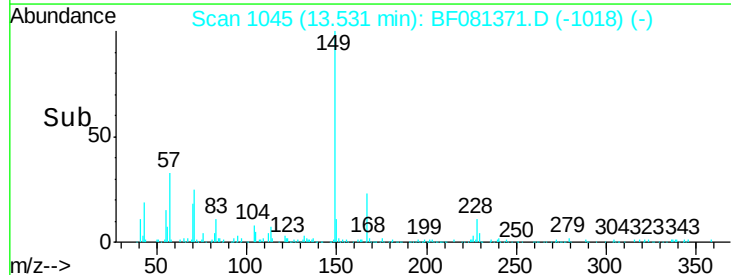
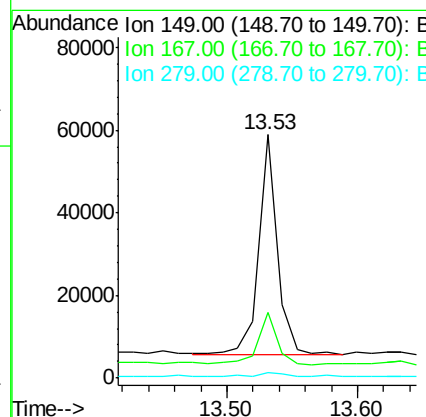
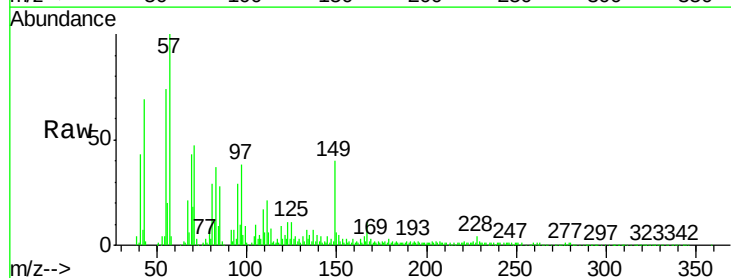
Instrument :
 BNA_F
 ClientSampleId :
 6TPA(3.5-4)

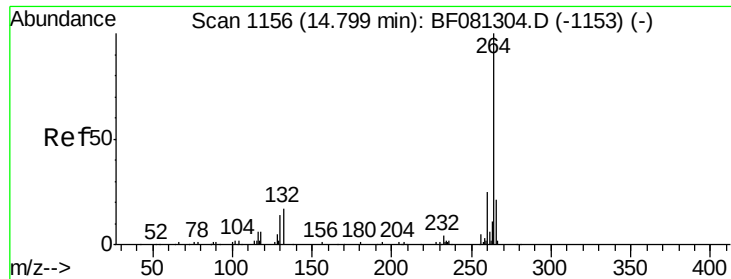
Tgt Ion:244 Resp: 91695
 Ion Ratio Lower Upper
 244 100
 212 9.5 4.3 6.5#
 122 16.8 17.4 26.2#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 11.80 ng
 RT: 13.53 min Scan# 1045
 Delta R.T. 0.01 min
 Lab File: BF081371.D
 Acq: 3 Sep 2015 2:56

Tgt Ion:149 Resp: 53261
 Ion Ratio Lower Upper
 149 100
 167 26.8 24.2 36.2
 279 2.5 3.8 5.6#



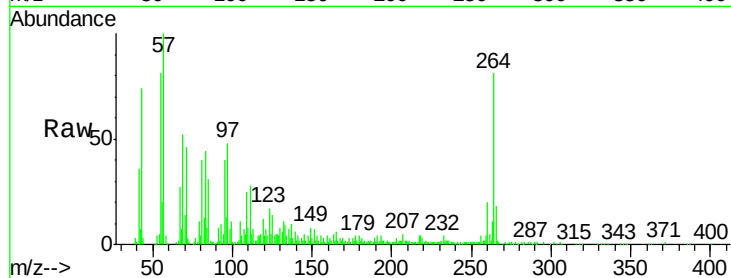


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.82 min Scan# 1158
Delta R.T. 0.02 min
Lab File: BF081371.D
Acq: 3 Sep 2015 2:56

Instrument :
BNA_F
ClientSampleId :
6TPA(3.5-4)

Tgt Ion: 264 Resp: 82772

Ion	Ratio	Lower	Upper
264	100		
260	24.7	16.7	25.1
265	21.6	17.2	25.8



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

