

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
 Data File : BF081616.D
 Acq On : 14 Sep 2015 20:03
 Operator : UM/IZ
 Sample : G3597-10 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-10(0-5)

Quant Time: Sep 15 03:32:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 14 13:51:56 2015
 Response via : Initial Calibration

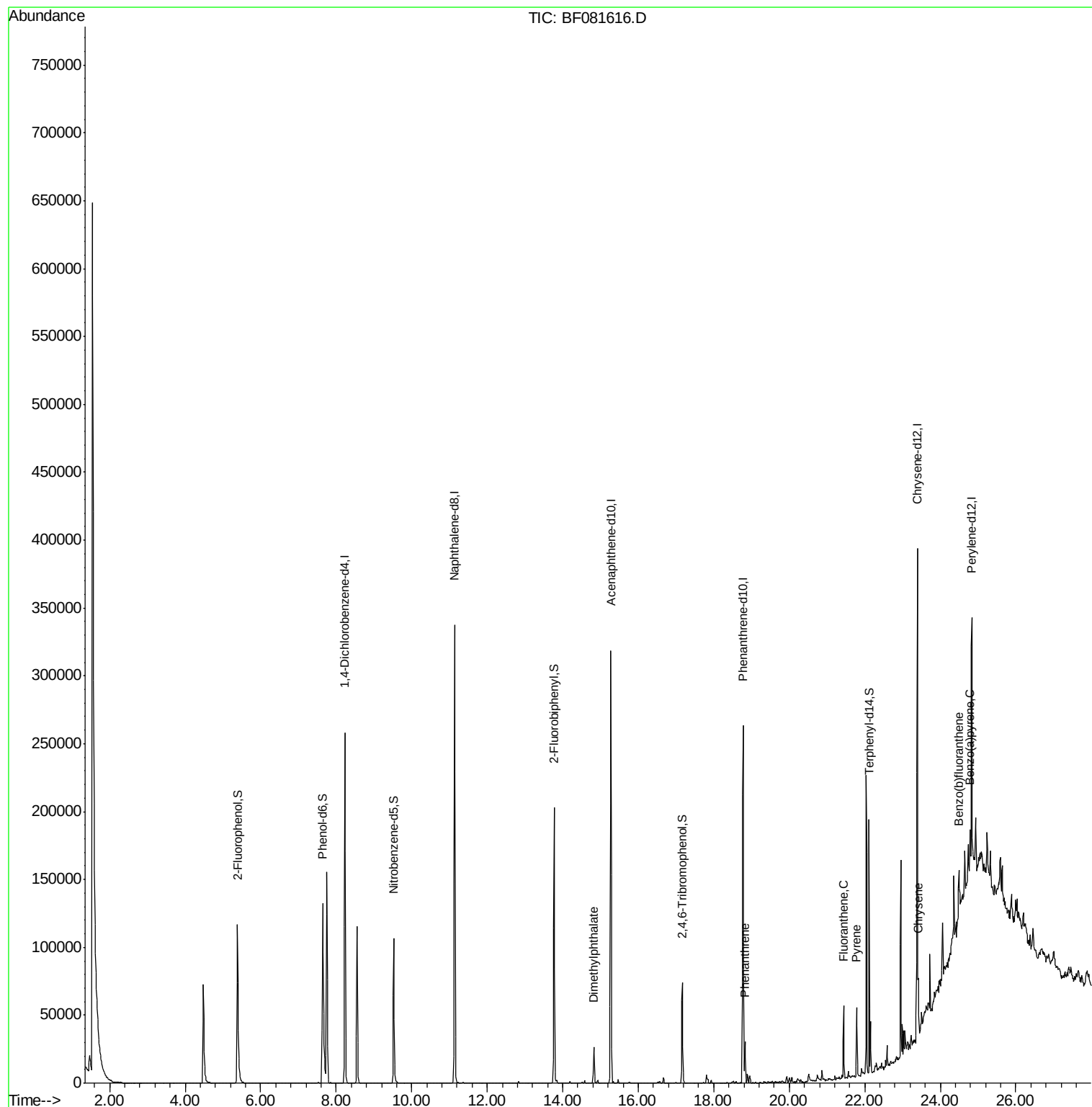
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	62388	20.00	ng	0.00
21) Naphthalene-d8	11.13	136	255042	20.00	ng	0.00
38) Acenaphthene-d10	15.27	164	114204	20.00	ng	0.00
63) Phenanthrene-d10	18.78	188	182072	20.00	ng	0.01
75) Chrysene-d12	23.40	240	127409	20.00	ng	0.00
86) Perylene-d12	24.84	264	87020	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	65253	16.23	ng	0.01
7) Phenol-d6	7.65	99	93471	17.56	ng	-0.01
23) Nitrobenzene-d5	9.52	82	59478	11.25	ng	-0.02
41) 2,4,6-Tribromophenol	17.17	330	13755	13.53	ng	-0.01
44) 2-Fluorobiphenyl	13.77	172	106587	11.96	ng	-0.01
78) Terphenyl-d14	22.12	244	58165	10.63	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.82	163	21040	2.37	ng	Qvalue # 95
70) Phenanthrene	18.82	178	22178	2.19	ng	97
74) Fluoranthene	21.44	202	31598	2.88	ng	88
77) Pyrene	21.78	202	29516	3.13	ng	95
82) Chrysene	23.42	228	15825m	2.18	ng	
87) Benzo(b)fluoranthene	24.49	252	18001m	2.90	ng	
89) Benzo(a)pyrene	24.78	252	10946	2.08	ng	# 91

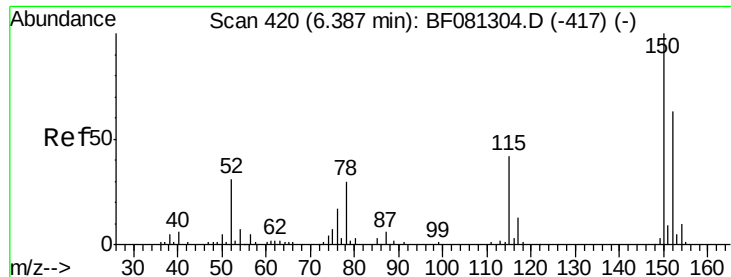
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Time: Sep 15 03:32:16 2015
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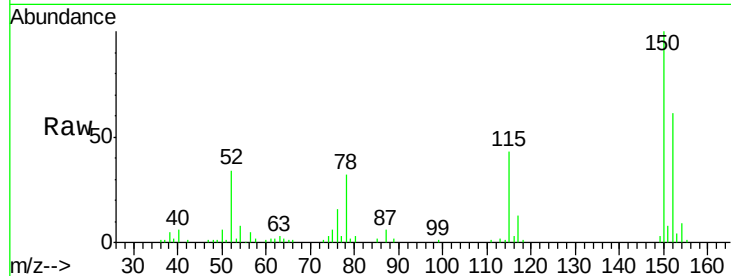


#1

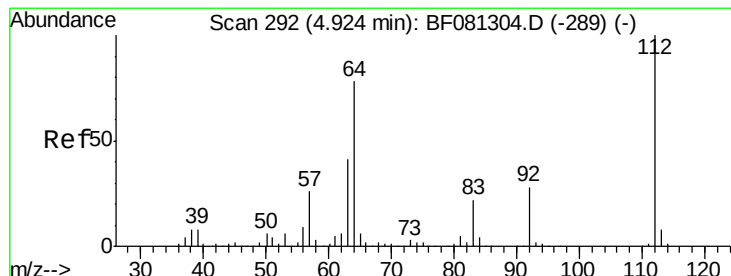
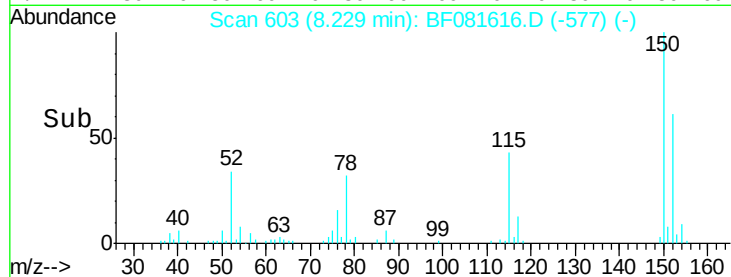
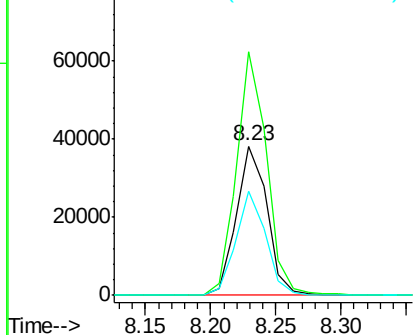
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF081616.D
 Acq: 14 Sep 2015 20:03

Instrument :
 BNA_F
 ClientSampleId :
 GP-10(0-5)

Tgt Ion:152 Resp: 62388
 Ion Ratio Lower Upper
 152 100
 150 163.1 124.7 187.1
 115 70.1 39.0 58.4#



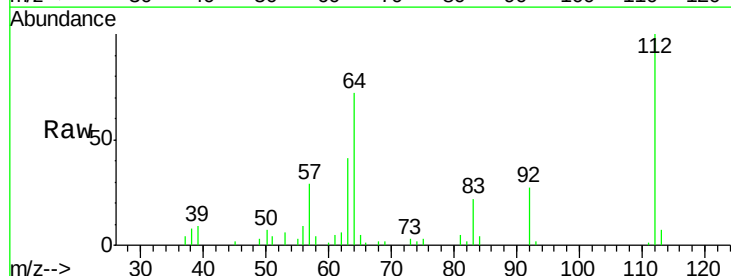
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



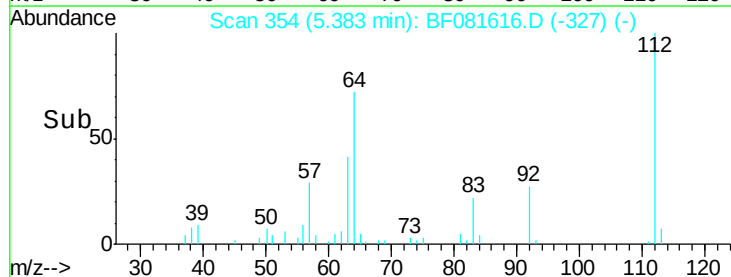
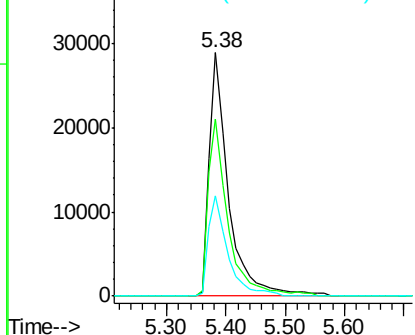
#5

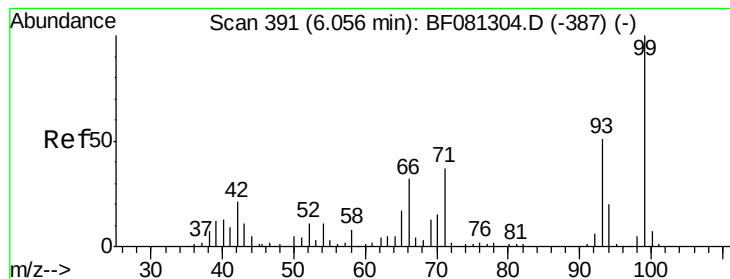
2-Fluorophenol
 Concen: 16.23 ng
 RT: 5.38 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: BF081616.D
 Acq: 14 Sep 2015 20:03

Tgt Ion:112 Resp: 65253
 Ion Ratio Lower Upper
 112 100
 64 72.5 39.7 59.5#
 63 41.0 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: 17.56 ng

RT: 7.65 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF081616.D

Acq: 14 Sep 2015 20:03

Instrument :

BNA_F

ClientSampleId :

GP-10(0-5)

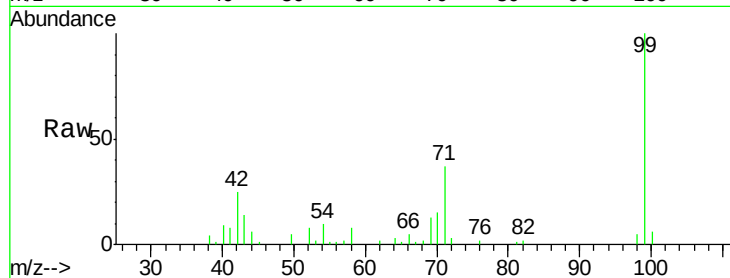
Tgt Ion: 99 Resp: 93471

Ion Ratio Lower Upper

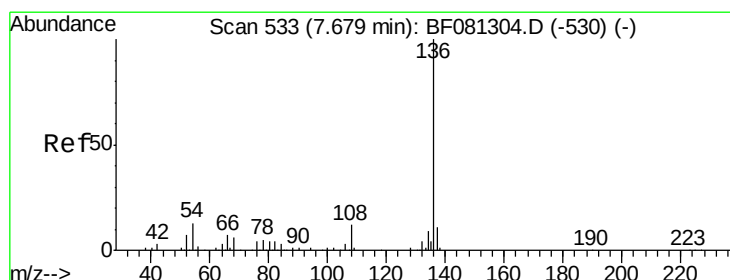
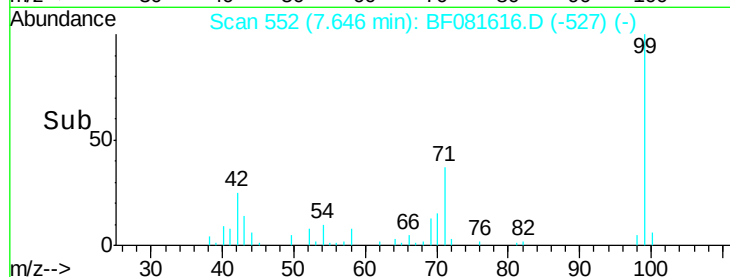
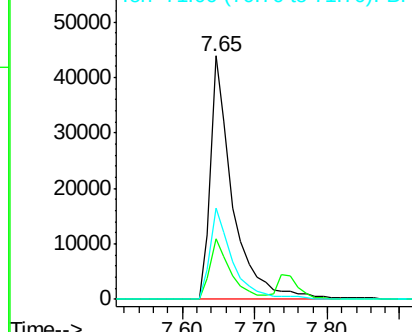
99 100

42 24.8 13.7 20.5#

71 37.3 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: 11.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF081616.D

Acq: 14 Sep 2015 20:03

Tgt Ion: 136 Resp: 255042

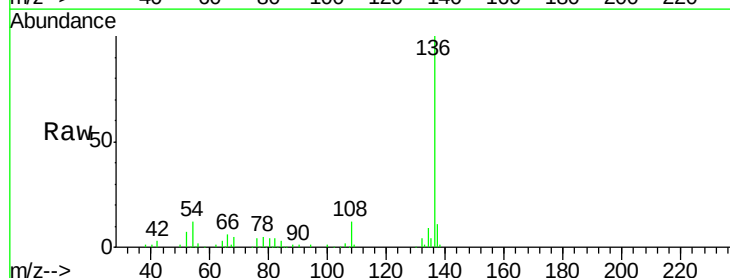
Ion Ratio Lower Upper

136 100

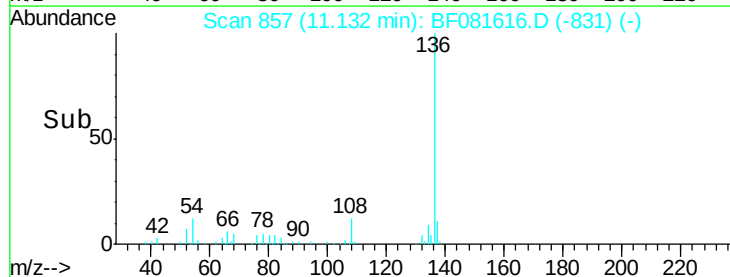
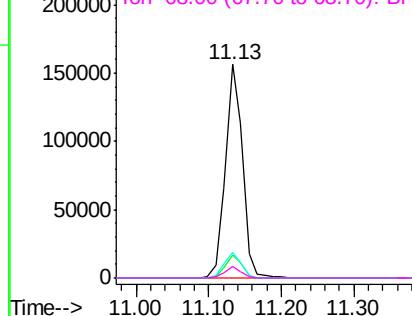
137 10.7 9.0 13.6

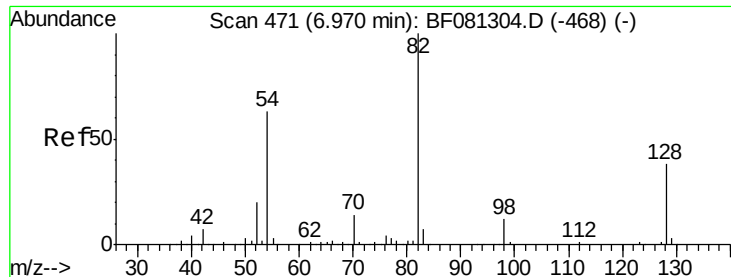
54 12.1 8.2 12.2

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

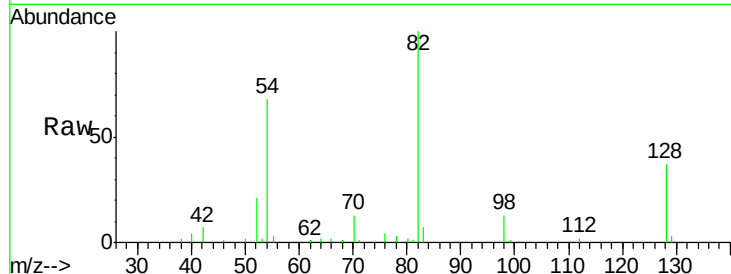




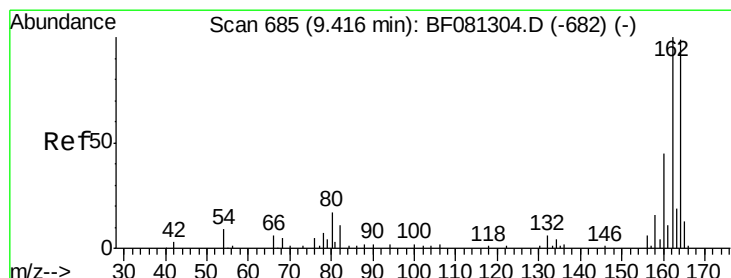
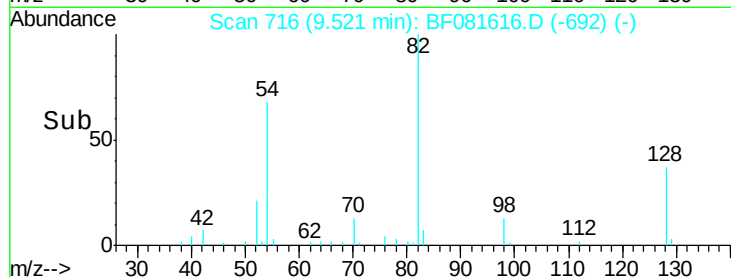
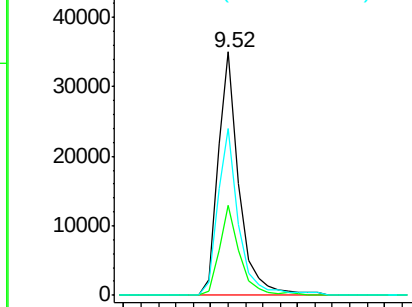
#23
 Nitrobenzene-d5
 Concen: 11.25 ng
 RT: 9.52 min Scan# 716
 Delta R.T. -0.02 min
 Lab File: BF081616.D
 Acq: 14 Sep 2015 20:03

Instrument :
 BNA_F
 ClientSampleId :
 GP-10(0-5)

Tgt Ion: 82 Resp: 59478
 Ion Ratio Lower Upper
 82 100
 128 37.2 51.0 76.6#
 54 68.4 47.5 71.3

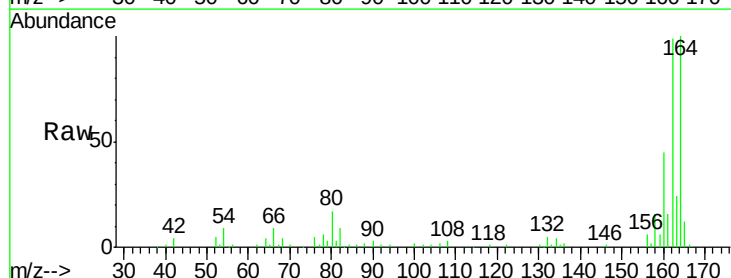


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

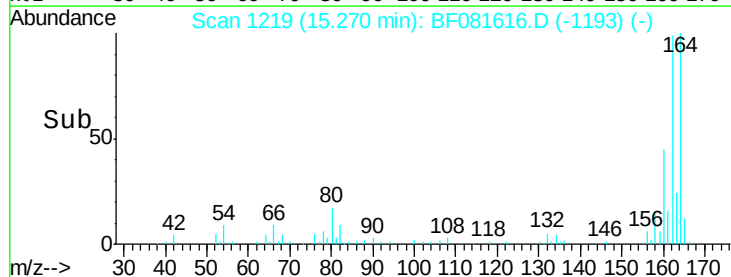
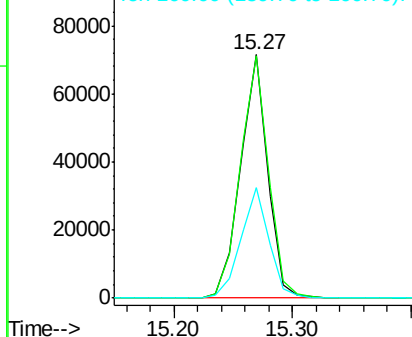


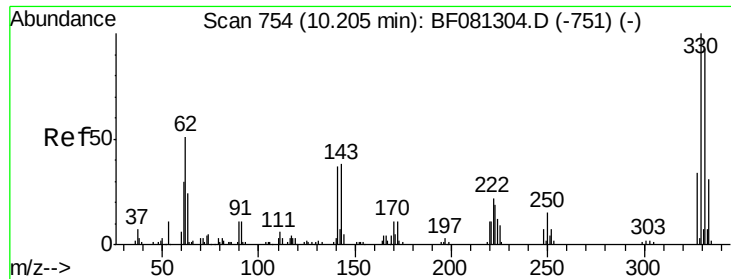
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF081616.D
 Acq: 14 Sep 2015 20:03

Tgt Ion: 164 Resp: 114204
 Ion Ratio Lower Upper
 164 100
 162 99.4 75.2 112.8
 160 45.3 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

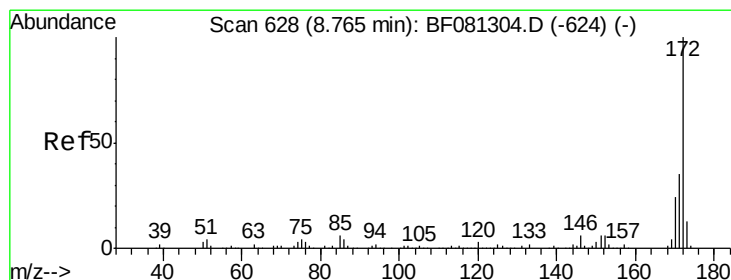
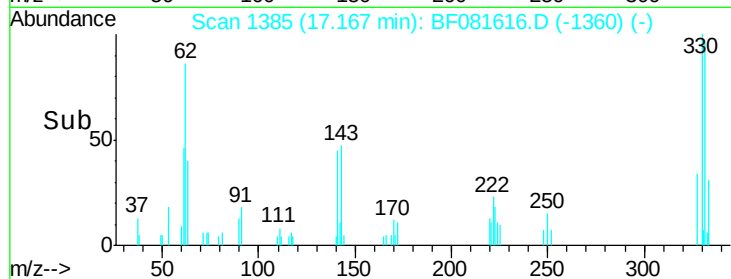
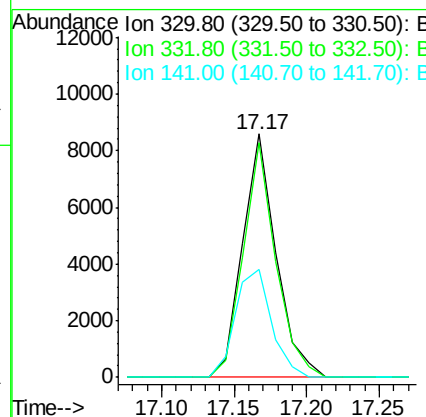
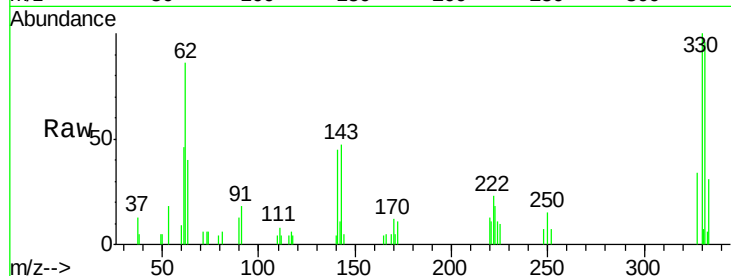




#41
 2,4,6-Tribromophenol
 Concen: 13.53 ng
 RT: 17.17 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF081616.D
 Acq: 14 Sep 2015 20:03

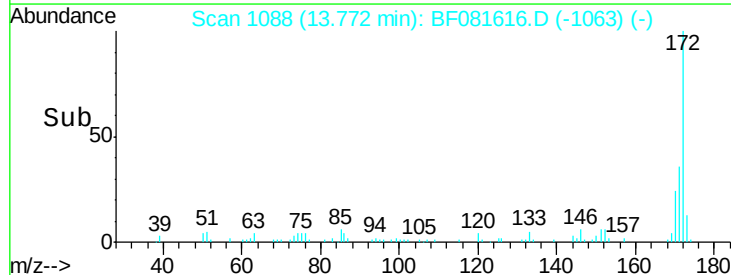
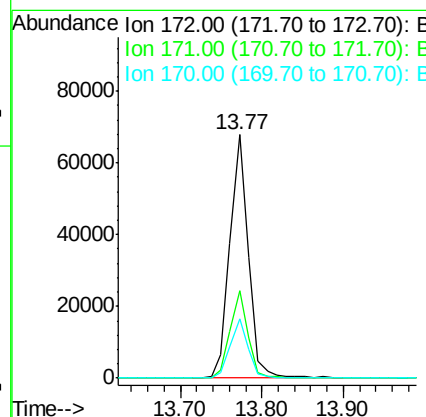
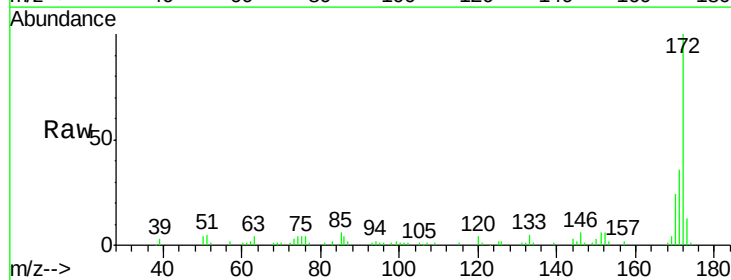
Instrument :
 BNA_F
 ClientSampleId :
 GP-10(0-5)

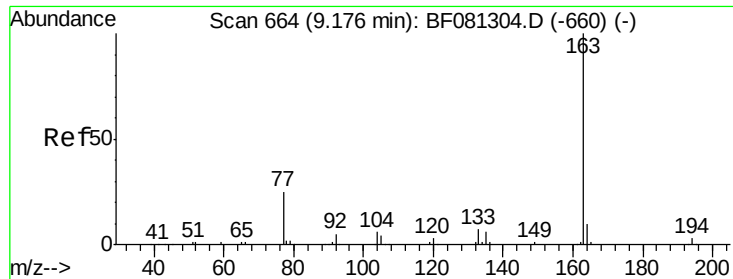
Tgt Ion: 330 Resp: 13755
 Ion Ratio Lower Upper
 330 100
 332 93.9 76.6 114.8
 141 48.3 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 11.96 ng
 RT: 13.77 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF081616.D
 Acq: 14 Sep 2015 20:03

Tgt Ion: 172 Resp: 106587
 Ion Ratio Lower Upper
 172 100
 171 36.0 26.1 39.1
 170 24.4 17.4 26.2





#49

Dimethylphthalate

Concen: 2.37 ng

RT: 14.82 min Scan# 1180

Delta R.T. -0.05 min

Lab File: BF081616.D

Acq: 14 Sep 2015 20:03

Instrument :

BNA_F

ClientSampleId :

GP-10(0-5)

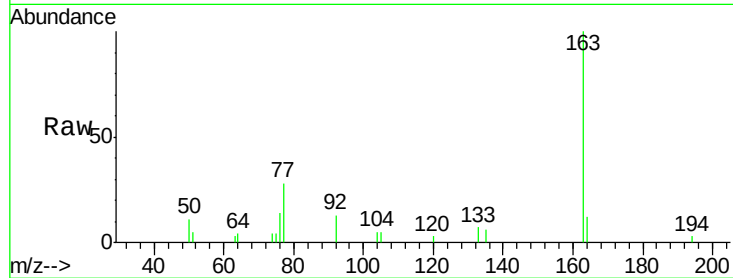
Tgt Ion:163 Resp: 21040

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

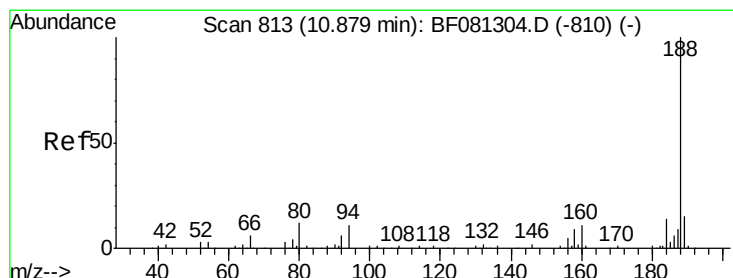
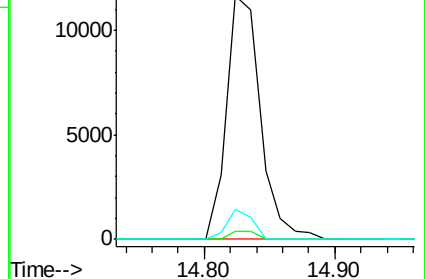
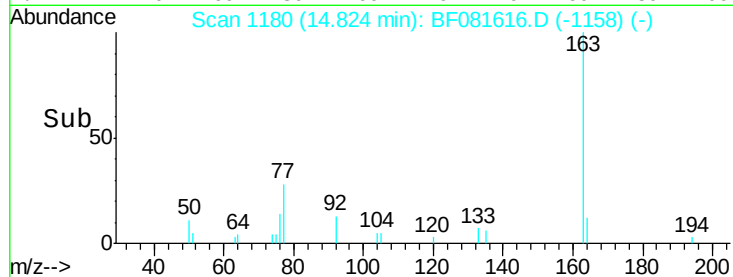
164 12.1 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.78 min Scan# 1526

Delta R.T. 0.01 min

Lab File: BF081616.D

Acq: 14 Sep 2015 20:03

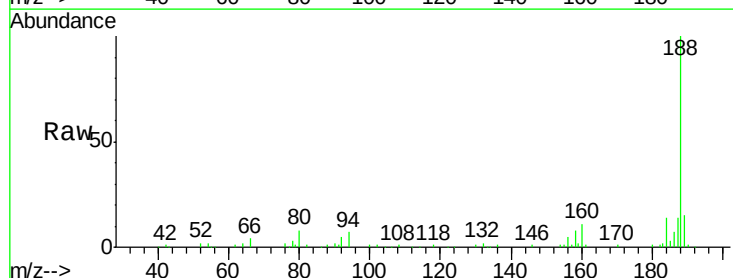
Tgt Ion:188 Resp: 182072

Ion Ratio Lower Upper

188 100

94 7.1 11.1 16.7#

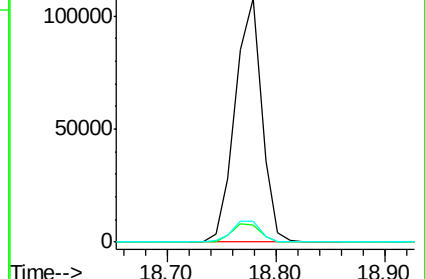
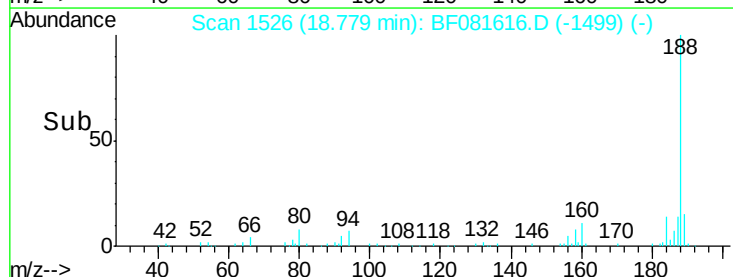
80 8.3 11.0 16.4#

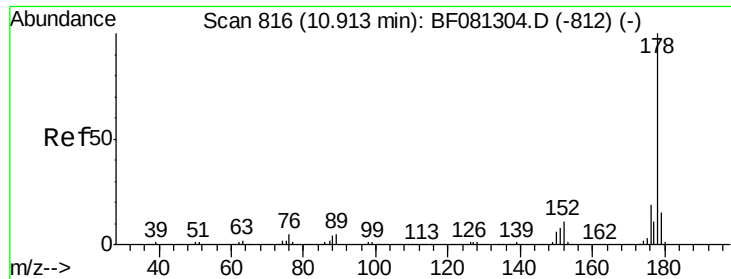


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

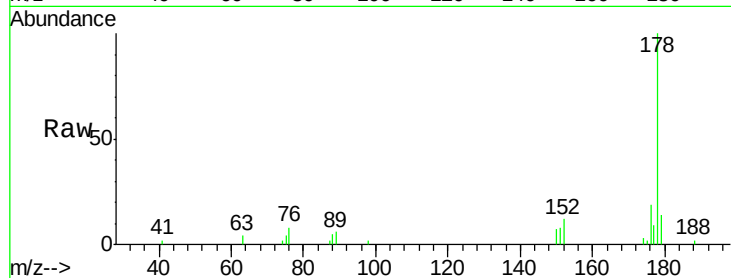




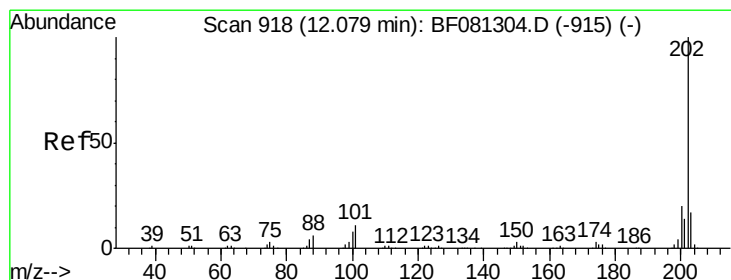
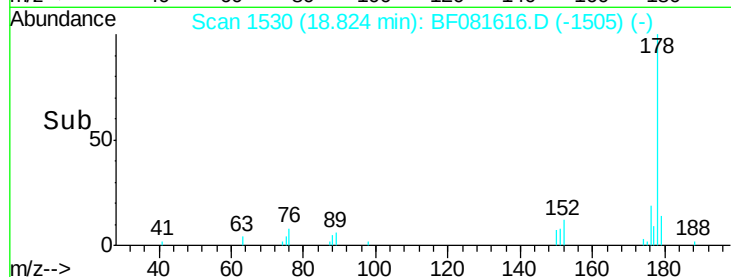
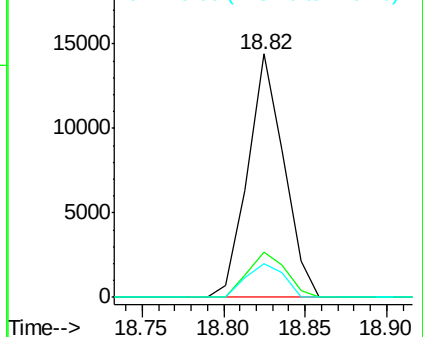
#70
Phenanthrene
Concen: 2.19 ng
RT: 18.82 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF081616.D
Acq: 14 Sep 2015 20:03

Instrument :
BNA_F
ClientSampleId :
GP-10(0-5)

Tgt Ion:178 Resp: 22178
Ion Ratio Lower Upper
178 100
176 18.7 13.8 20.8
179 14.1 12.2 18.2

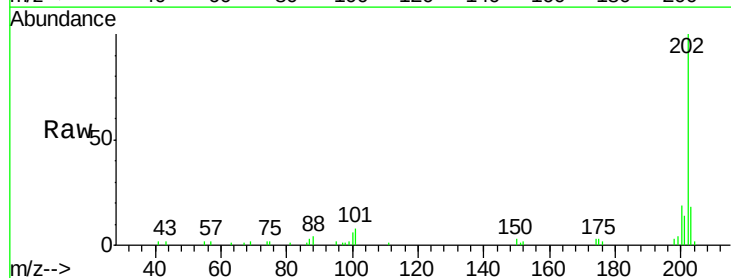


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

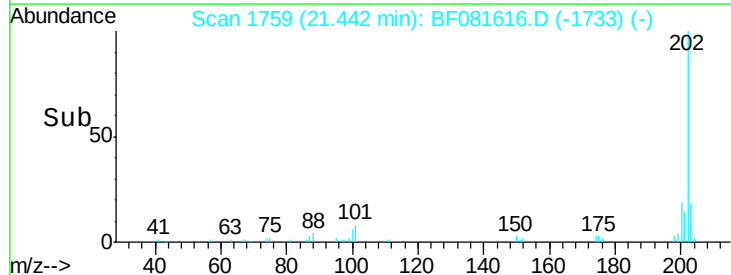
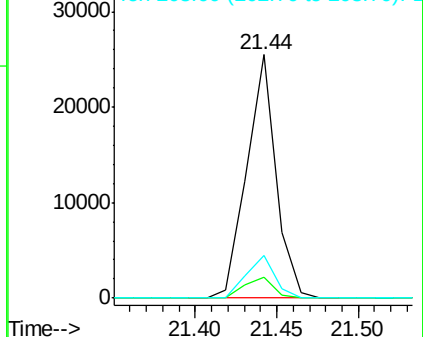


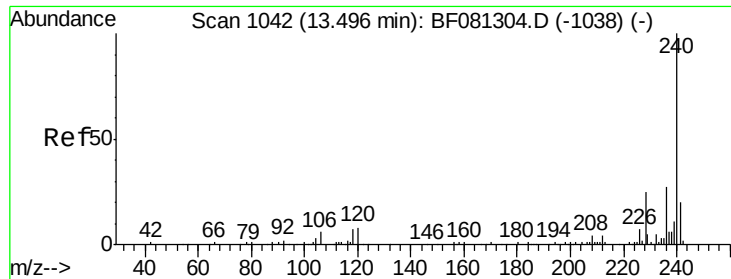
#74
Fluoranthene
Concen: 2.88 ng
RT: 21.44 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BF081616.D
Acq: 14 Sep 2015 20:03

Tgt Ion:202 Resp: 31598
Ion Ratio Lower Upper
202 100
101 8.4 0.0 38.3
203 17.7 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

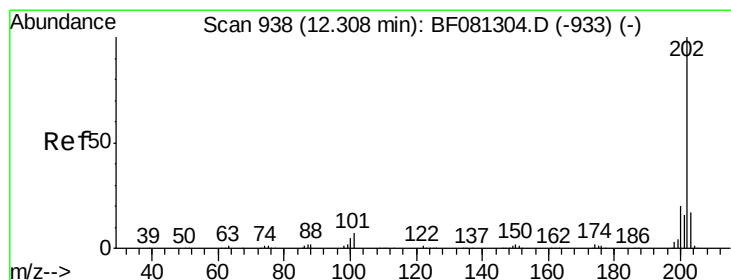
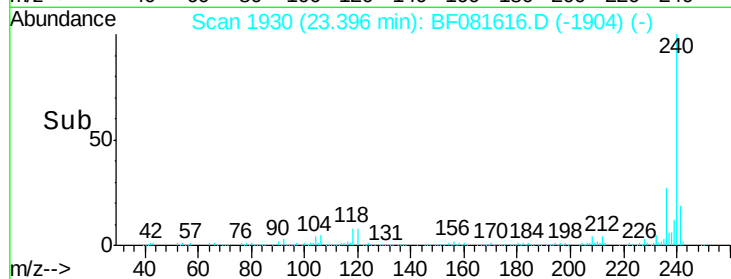
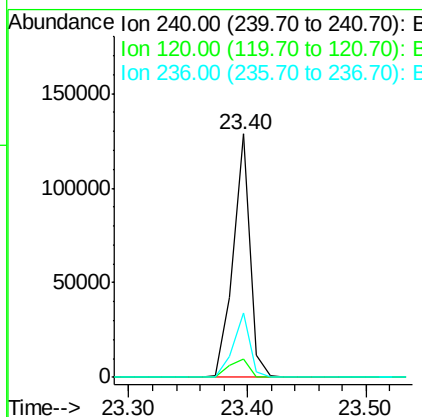
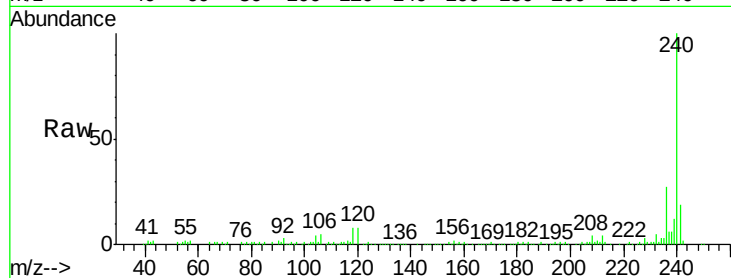




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 23.40 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BF081616.D
 Acq: 14 Sep 2015 20:03

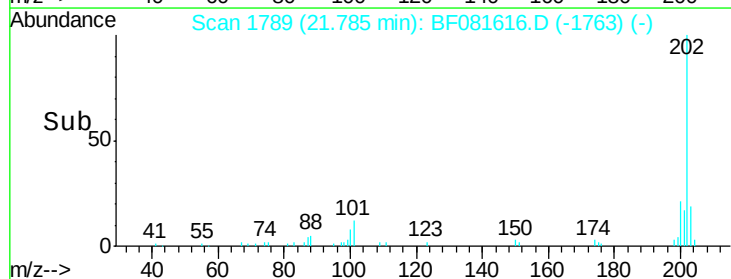
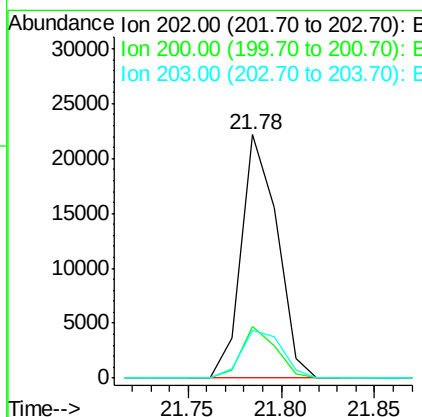
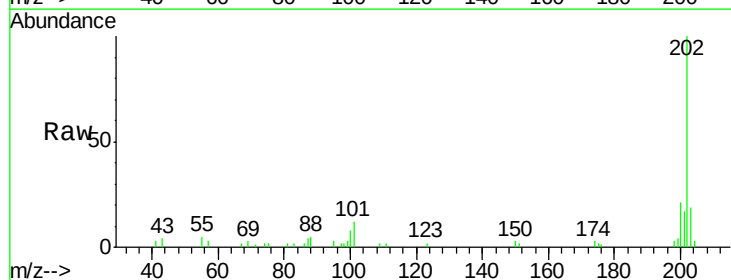
Instrument :
 BNA_F
 ClientSampleId :
 GP-10(0-5)

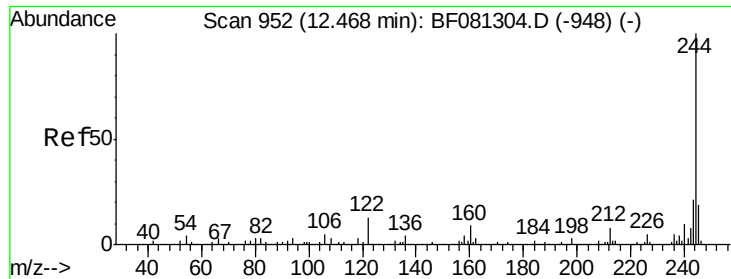
Tgt Ion: 240 Resp: 127409
 Ion Ratio Lower Upper
 240 100
 120 7.6 16.2 24.2#
 236 26.6 18.4 27.6



#77
 Pyrene
 Concen: 3.13 ng
 RT: 21.78 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: BF081616.D
 Acq: 14 Sep 2015 20:03

Tgt Ion: 202 Resp: 29516
 Ion Ratio Lower Upper
 202 100
 200 21.2 15.0 22.4
 203 19.4 14.1 21.1





#78

Terphenyl-d14

Concen: 10.63 ng

RT: 22.12 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF081616.D

Acq: 14 Sep 2015 20:03

Instrument :

BNA_F

ClientSampleId :

GP-10(0-5)

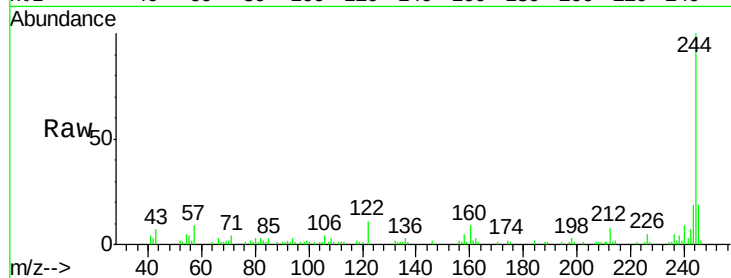
Tgt Ion:244 Resp: 58165

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

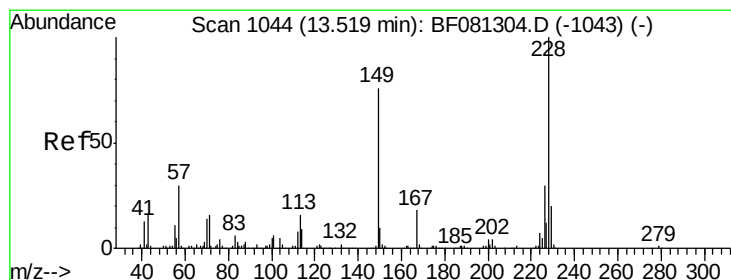
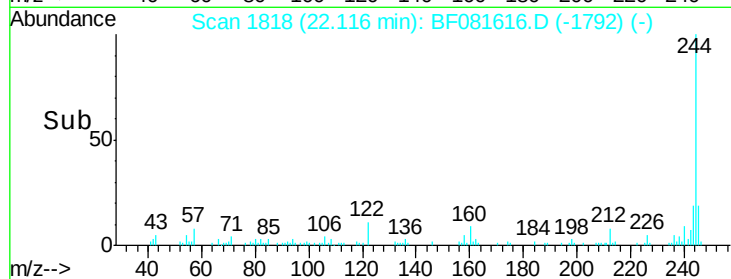
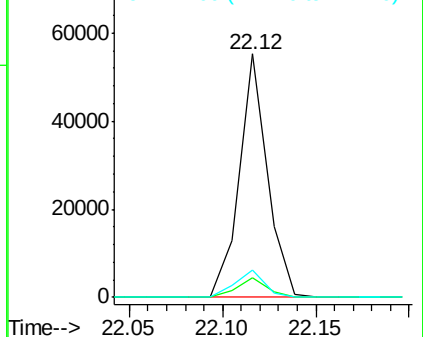
122 11.2 17.4 26.2#



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



#82

Chrysene

Concen: 2.18 ng m

RT: 23.42 min Scan# 1932

Delta R.T. 0.00 min

Lab File: BF081616.D

Acq: 14 Sep 2015 20:03

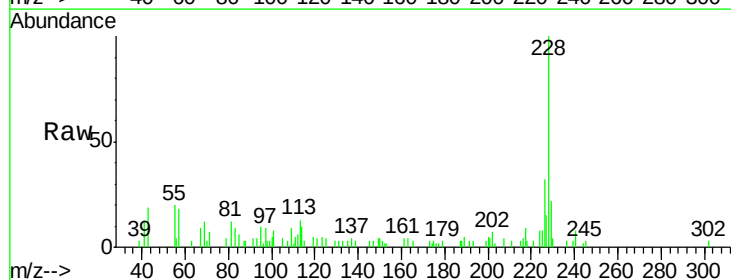
Tgt Ion:228 Resp: 15825

Ion Ratio Lower Upper

228 100

226 31.7 21.0 31.4#

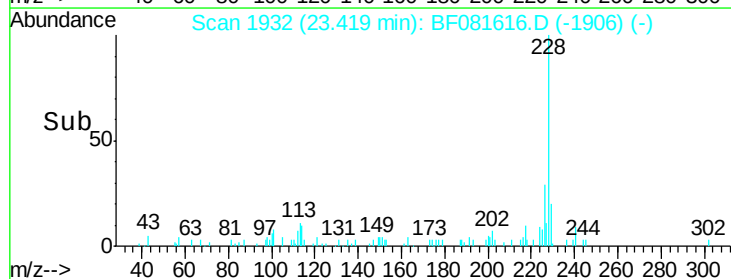
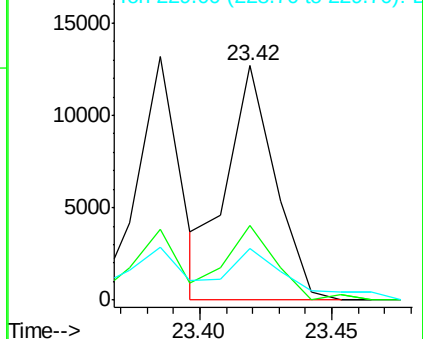
229 22.1 15.6 23.4

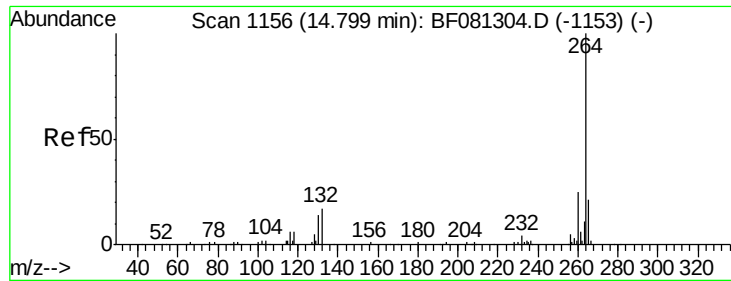


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 24.84 min Scan# 2056

Delta R.T. 0.01 min

Lab File: BF081616.D

Acq: 14 Sep 2015 20:03

Instrument :

BNA_F

ClientSampleId :

GP-10(0-5)

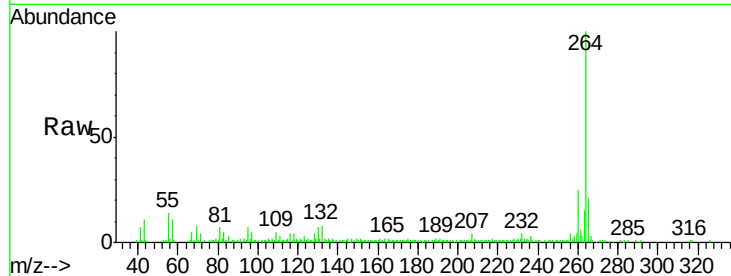
Tgt Ion:264 Resp: 87020

Ion Ratio Lower Upper

264 100

260 25.3 16.7 25.1#

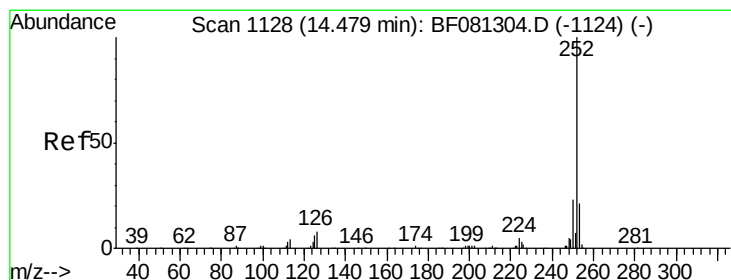
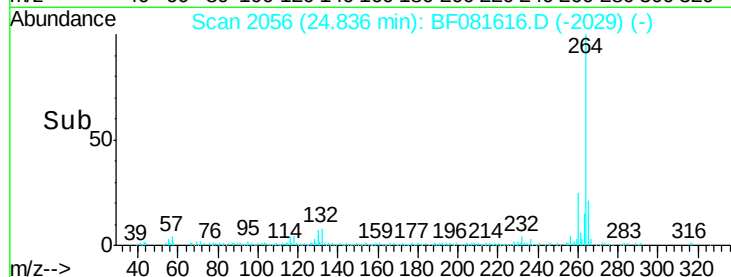
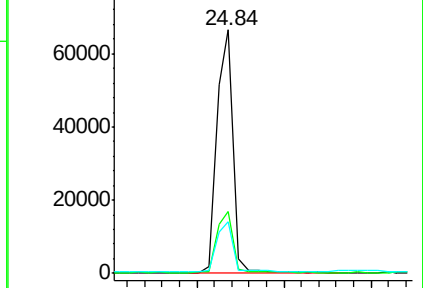
265 21.3 17.2 25.8



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



#87

Benzo(b)fluoranthene

Concen: 2.90 ng m

RT: 24.49 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF081616.D

Acq: 14 Sep 2015 20:03

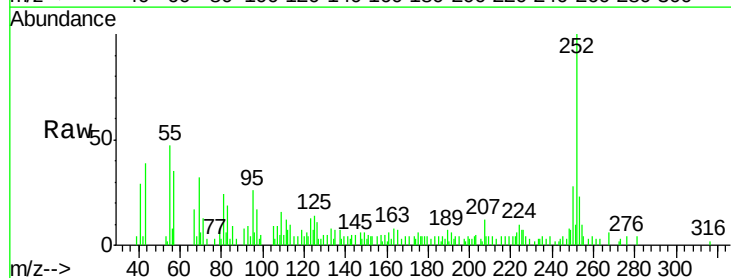
Tgt Ion:252 Resp: 18001

Ion Ratio Lower Upper

252 100

253 23.4 17.5 26.3

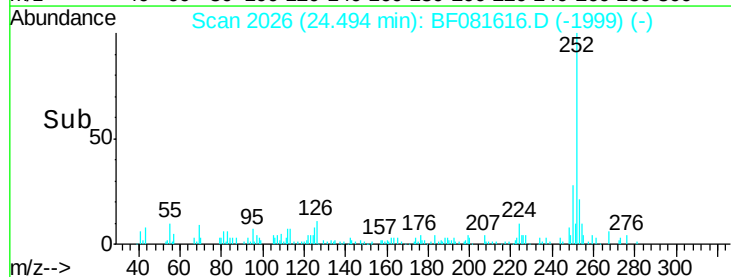
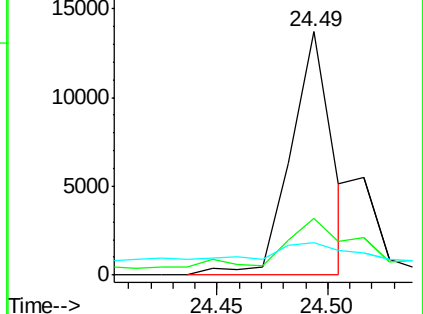
125 13.6 17.1 25.7#

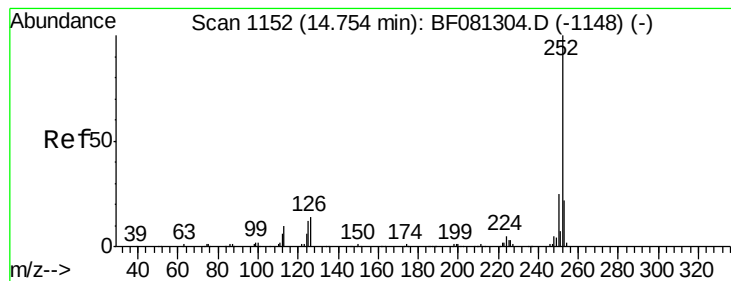


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.08 ng

RT: 24.78 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BF081616.D

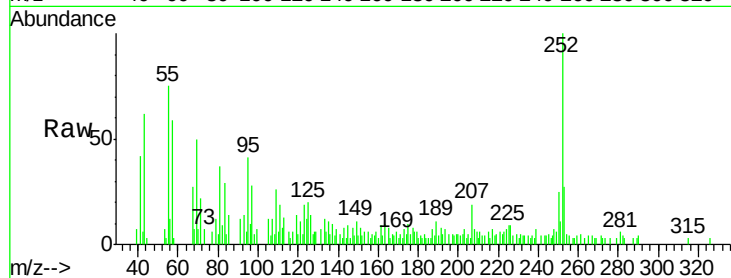
Acq: 14 Sep 2015 20:03

Instrument :

BNA_F

ClientSampleId :

GP-10(0-5)



Tgt Ion:	252	Resp:	10946
Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.2	25.8#
125	19.7	18.0	27.0

