

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090115\
 Data File : BF081327.D
 Acq On : 2 Sep 2015 3:19
 Operator : UM/IZ
 Sample : G3479-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3-10(0-2)

Quant Time: Sep 02 04:02:43 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

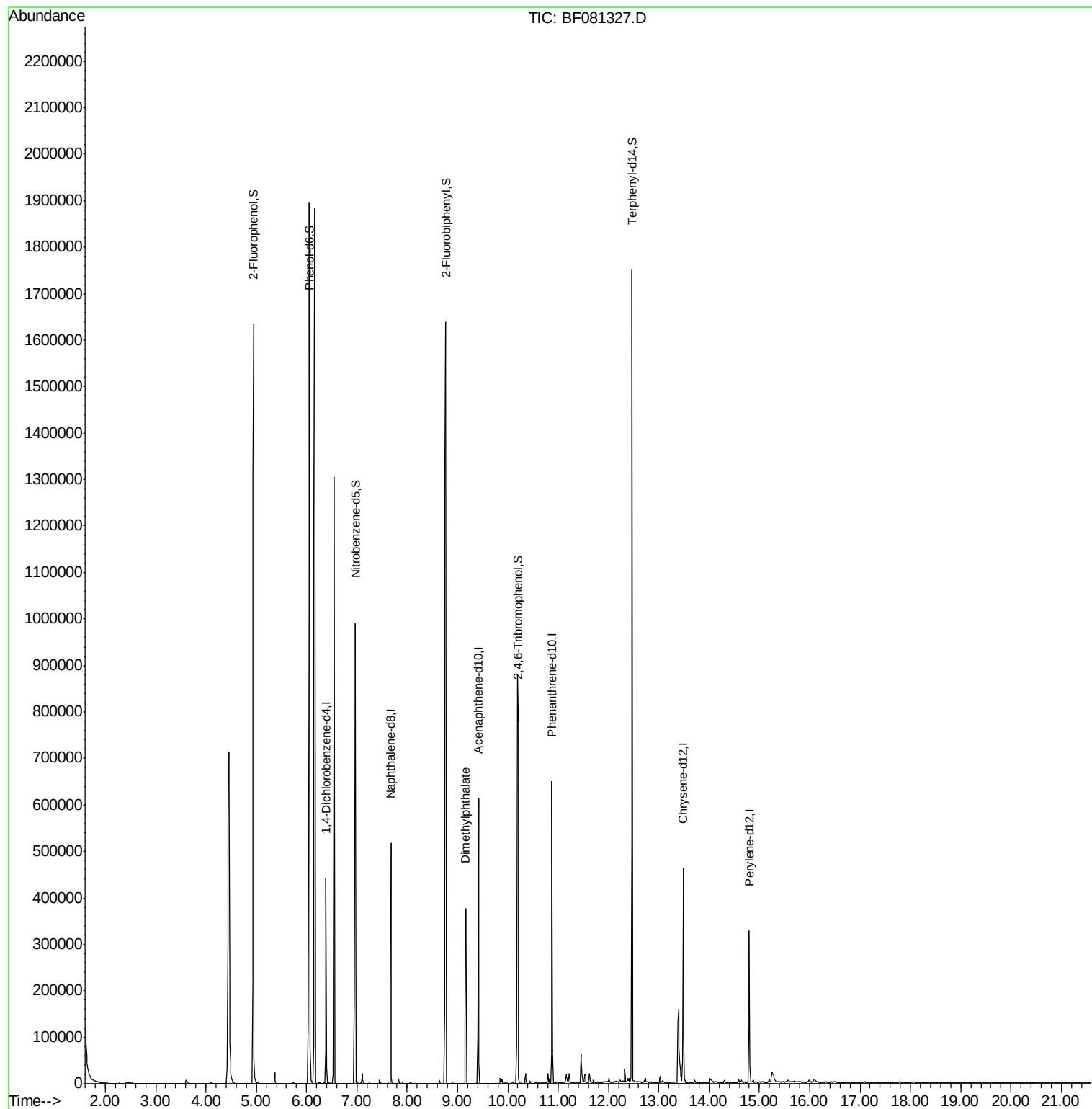
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	59229	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	243062	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	112708	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	219661	20.00	ng	0.00
75) Chrysene-d12	13.49	240	157304	20.00	ng	-0.01
86) Perylene-d12	14.80	264	129545	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	573012	150.10	ng	0.02
7) Phenol-d6	6.06	99	710391	140.58	ng	0.00
23) Nitrobenzene-d5	6.97	82	485263	96.32	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	137302	136.82	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	719811	81.84	ng	0.00
78) Terphenyl-d14	12.47	244	517982	76.65	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.16	163	156711	17.90	ng	Qvalue # 96

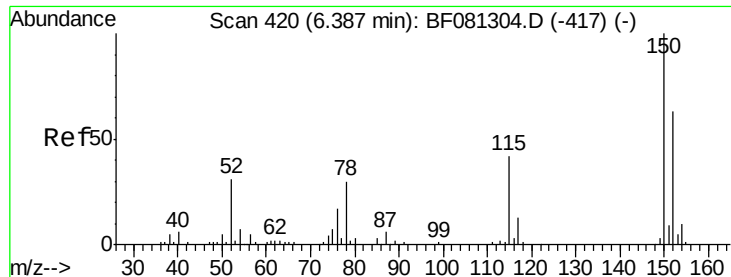
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081327.D

Acq: 2 Sep 2015 3:19

Instrument :

BNA_F

ClientSampleId :

COFF-3-10(0-2)

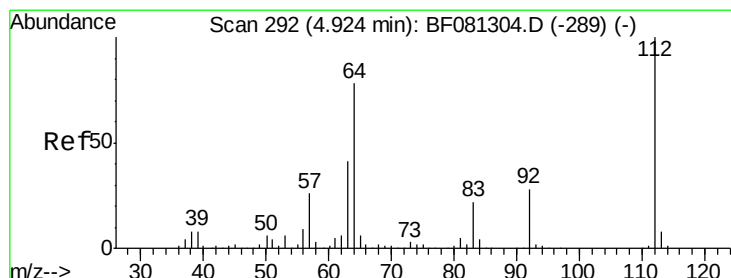
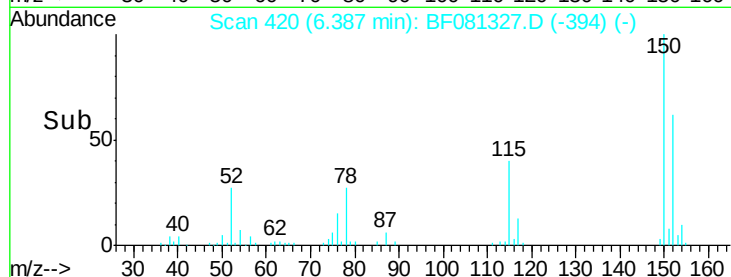
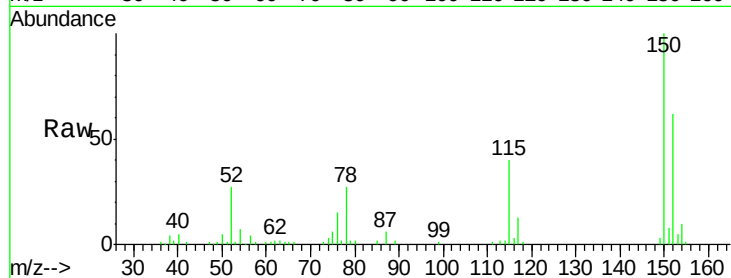
Tgt Ion:152 Resp: 59229

Ion Ratio Lower Upper

152 100

150 160.9 124.7 187.1

115 63.6 39.0 58.4#



#5

2-Fluorophenol

Concen: 150.10 ng

RT: 4.95 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF081327.D

Acq: 2 Sep 2015 3:19

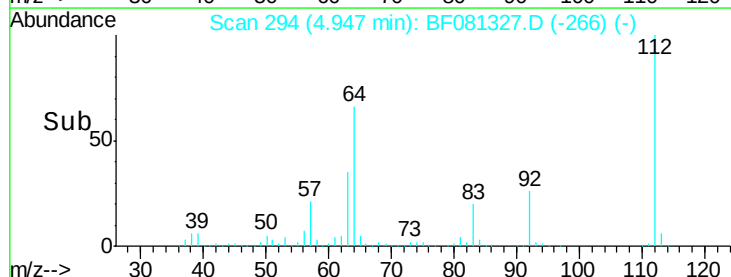
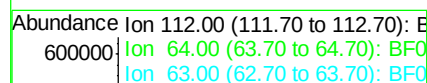
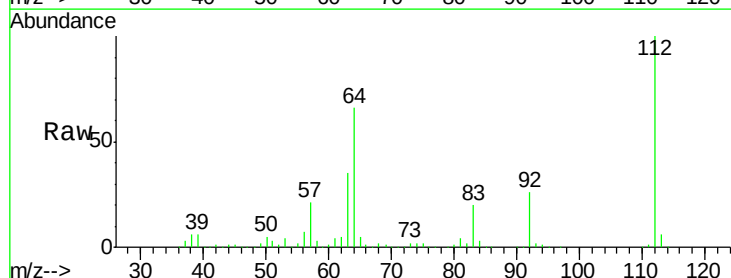
Tgt Ion:112 Resp: 573012

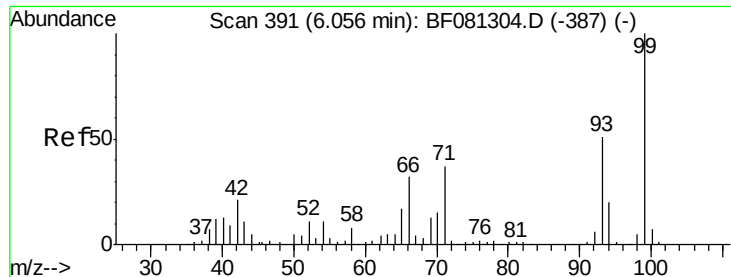
Ion Ratio Lower Upper

112 100

64 65.6 39.7 59.5#

63 34.6 17.4 26.0#





#7

Phenol-d6

Concen: 140.58 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081327.D

Acq: 2 Sep 2015 3:19

Instrument :

BNA_F

ClientSampleId :

COFF-3-10(0-2)

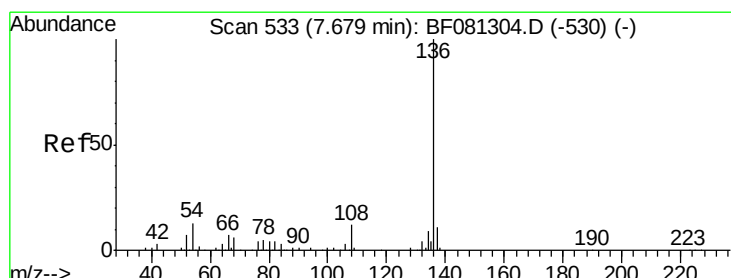
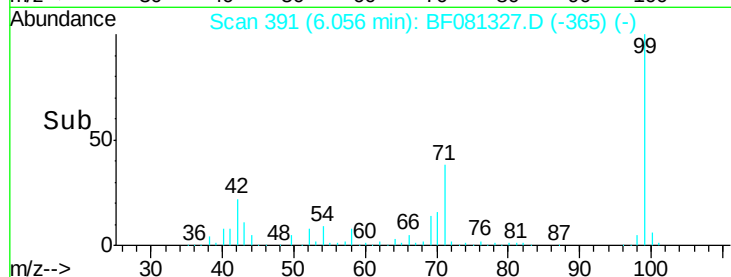
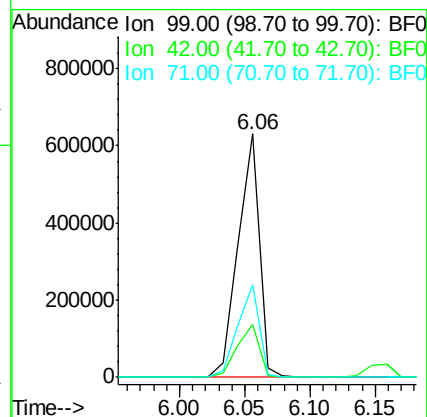
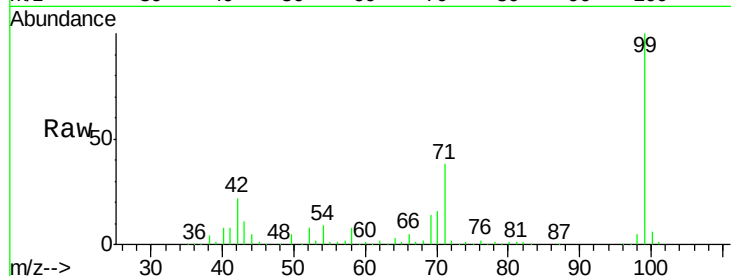
Tgt Ion: 99 Resp: 710391

Ion Ratio Lower Upper

99 100

42 21.5 13.7 20.5#

71 37.9 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF081327.D

Acq: 2 Sep 2015 3:19

Tgt Ion: 136 Resp: 243062

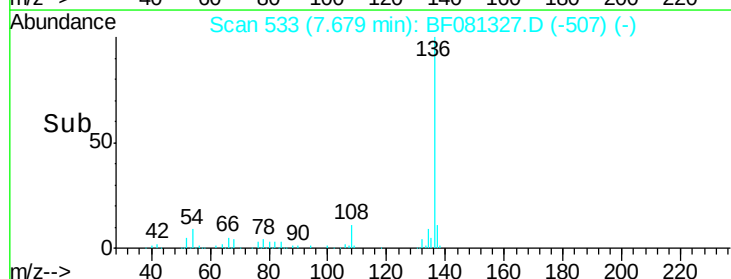
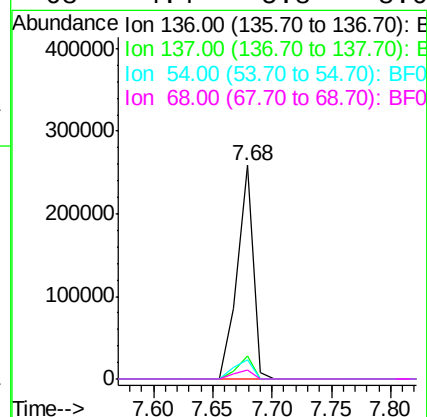
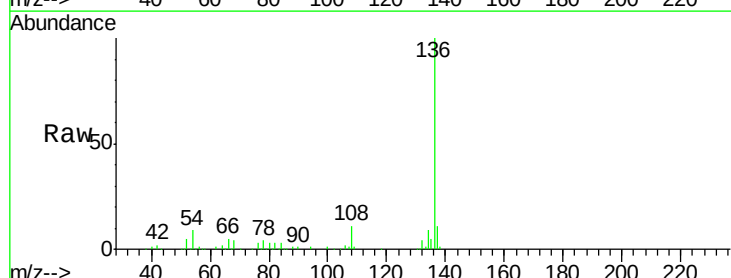
Ion Ratio Lower Upper

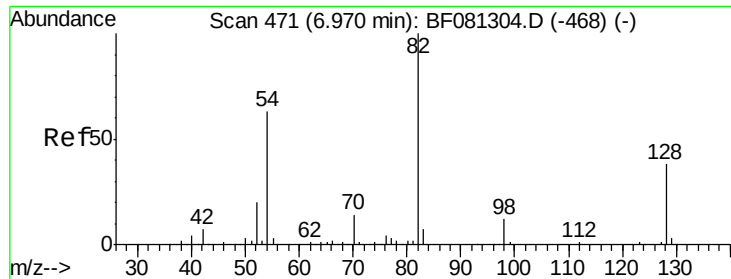
136 100

137 10.8 9.0 13.6

54 9.0 8.2 12.2

68 4.4 5.8 8.6#

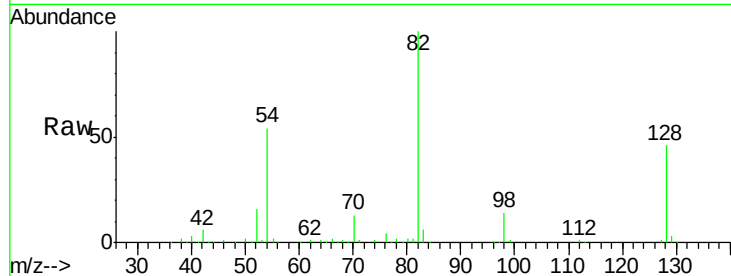




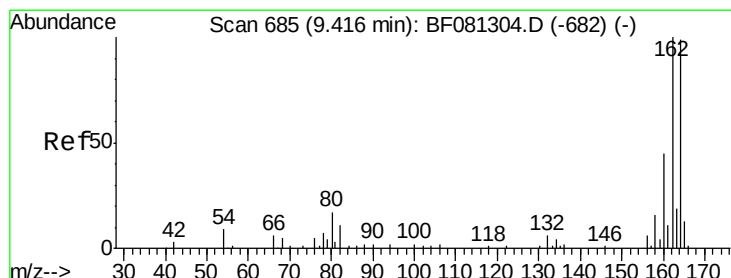
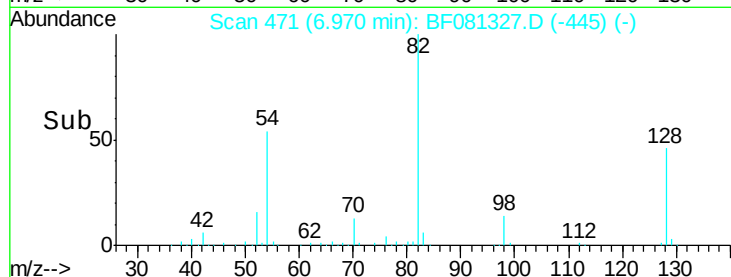
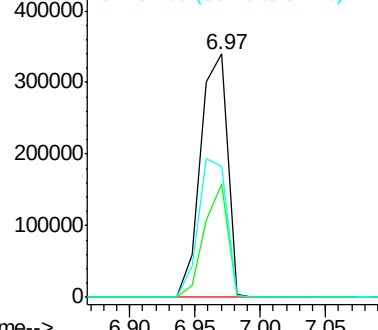
#23
 Nitrobenzene-d5
 Concen: 96.32 ng
 RT: 6.97 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081327.D
 Acq: 2 Sep 2015 3:19

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3-10(0-2)

Tgt Ion: 82 Resp: 485263
 Ion Ratio Lower Upper
 82 100
 128 46.4 51.0 76.6#
 54 53.7 47.5 71.3

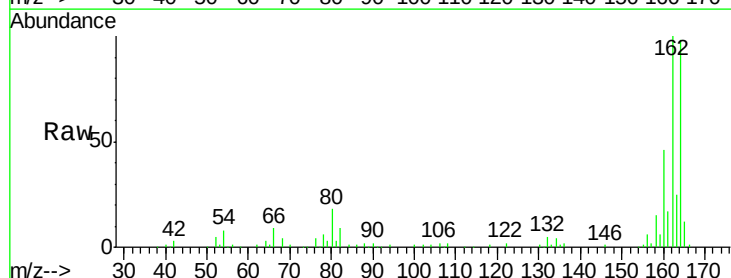


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

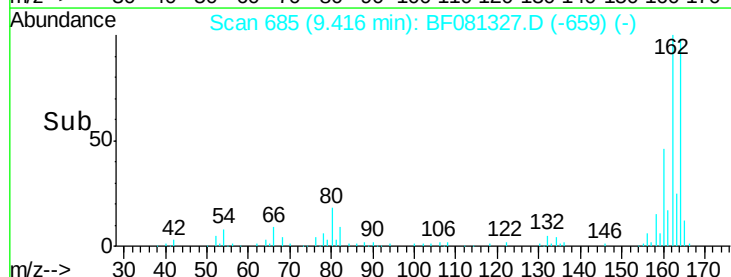
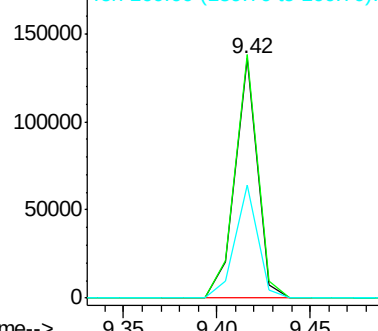


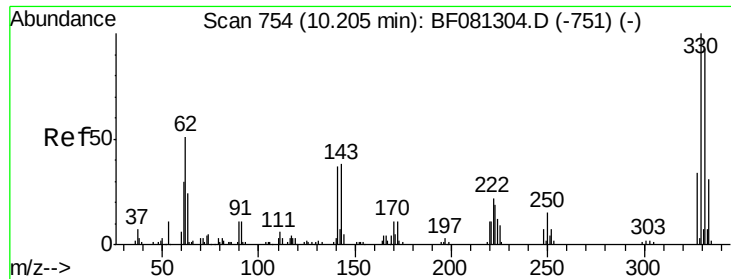
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF081327.D
 Acq: 2 Sep 2015 3:19

Tgt Ion: 164 Resp: 112708
 Ion Ratio Lower Upper
 164 100
 162 101.6 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

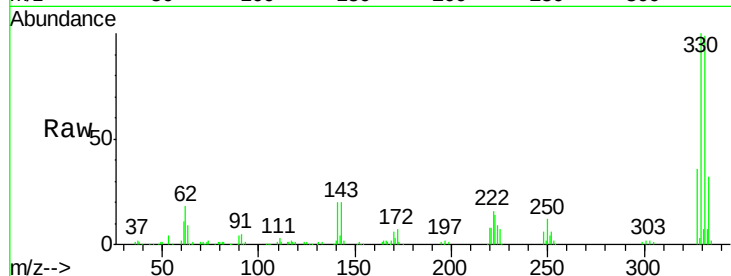




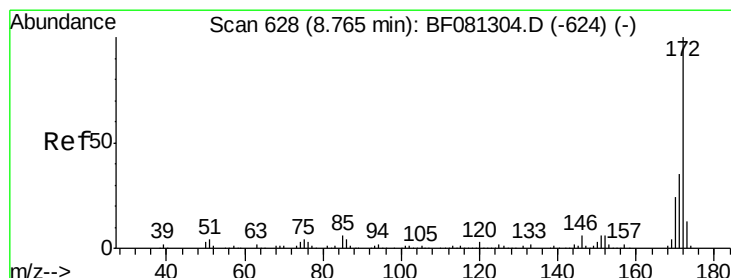
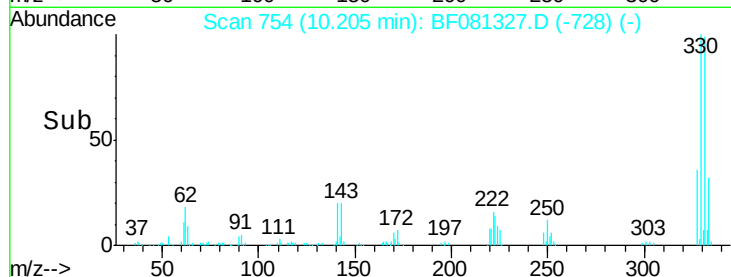
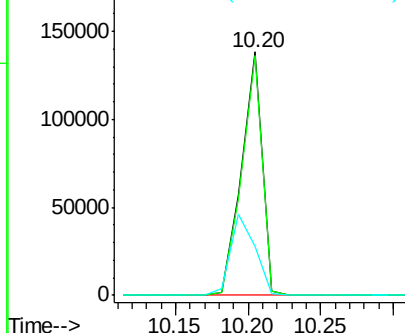
#41
 2,4,6-Tribromophenol
 Concen: 136.82 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF081327.D
 Acq: 2 Sep 2015 3:19

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3-10(0-2)

Tgt Ion:330 Resp: 137302
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 114.8
 141 39.2 29.7 44.5

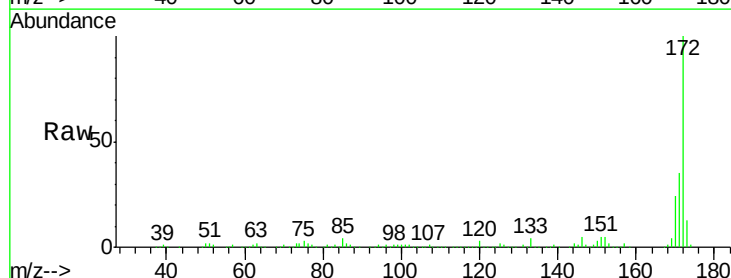


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

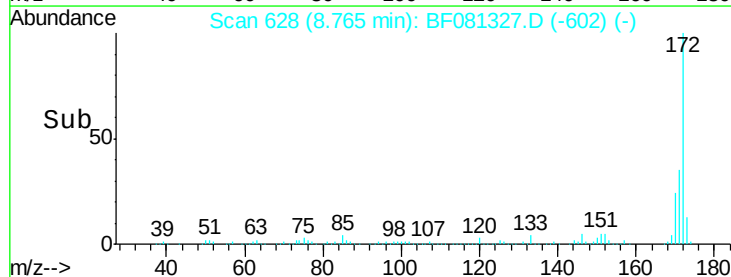
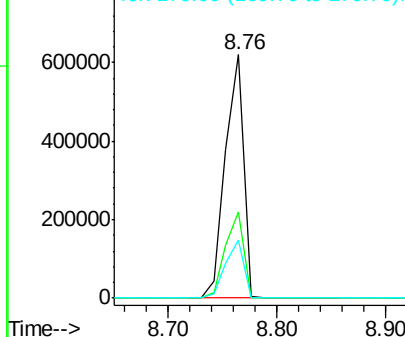


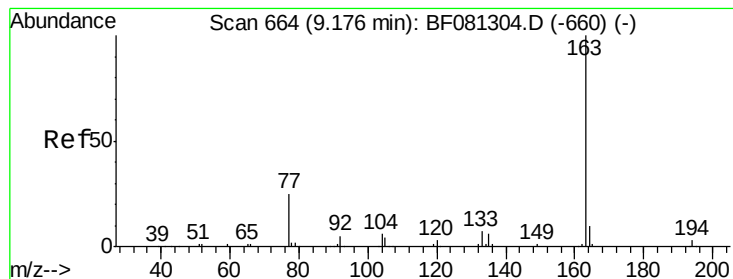
#44
 2-Fluorobiphenyl
 Concen: 81.84 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081327.D
 Acq: 2 Sep 2015 3:19

Tgt Ion:172 Resp: 719811
 Ion Ratio Lower Upper
 172 100
 171 35.3 26.1 39.1
 170 23.8 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: 17.90 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF081327.D

Acq: 2 Sep 2015 3:19

Instrument :

BNA_F

ClientSampleId :

COFF-3-10(0-2)

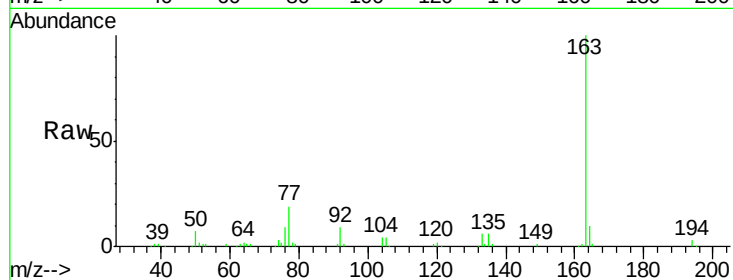
Tgt Ion:163 Resp: 156711

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

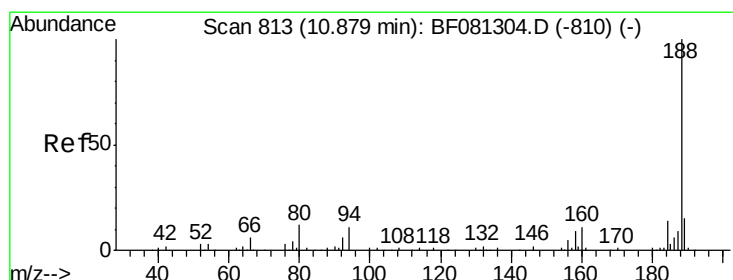
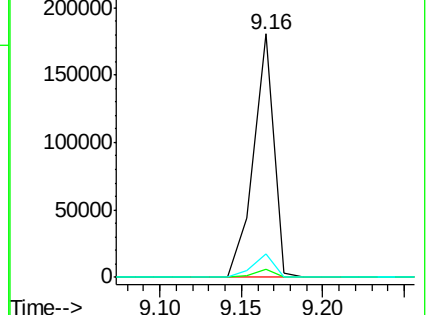
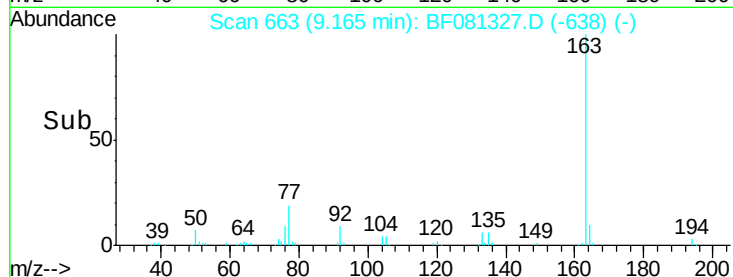
164 9.6 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.88 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF081327.D

Acq: 2 Sep 2015 3:19

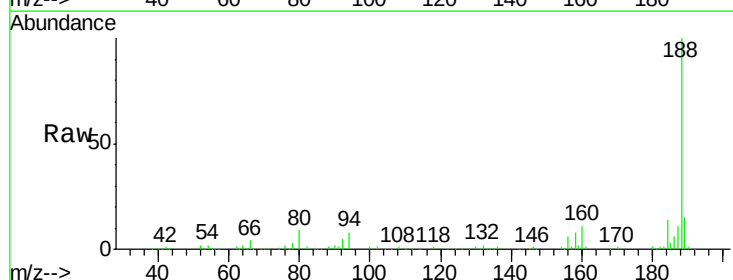
Tgt Ion:188 Resp: 219661

Ion Ratio Lower Upper

188 100

94 8.0 11.1 16.7#

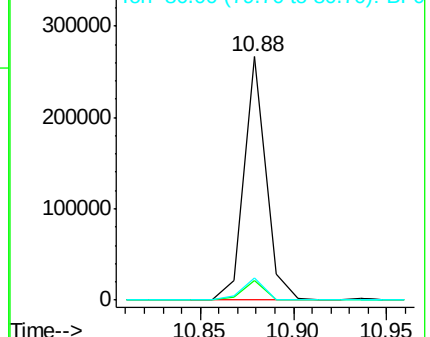
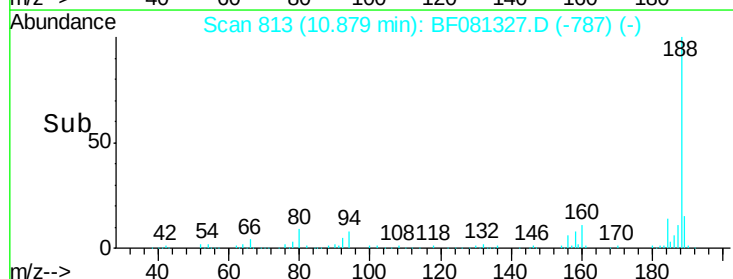
80 9.1 11.0 16.4#

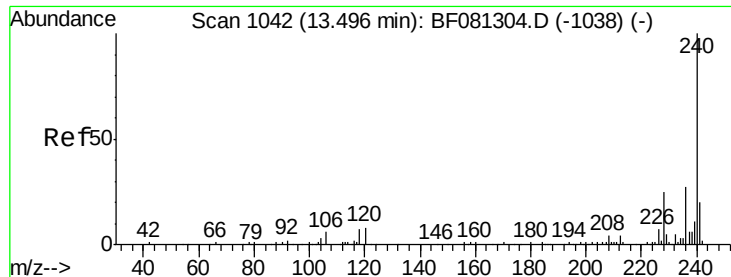


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.49 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF081327.D

Acq: 2 Sep 2015 3:19

Instrument :

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COFF-3-10(0-2)

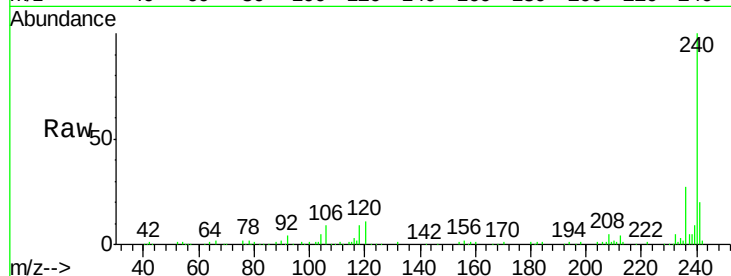
Tgt Ion:240 Resp: 157304

Ion Ratio Lower Upper

240 100

120 11.1 16.2 24.2#

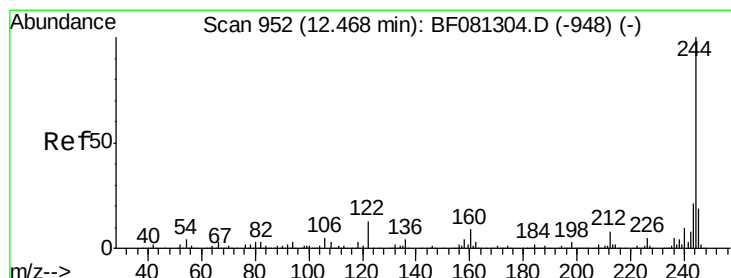
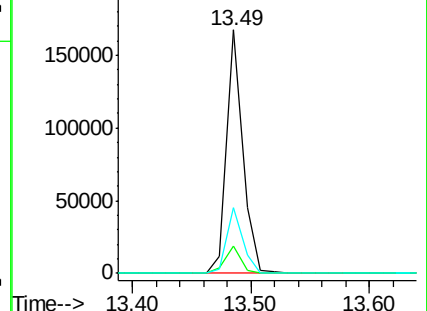
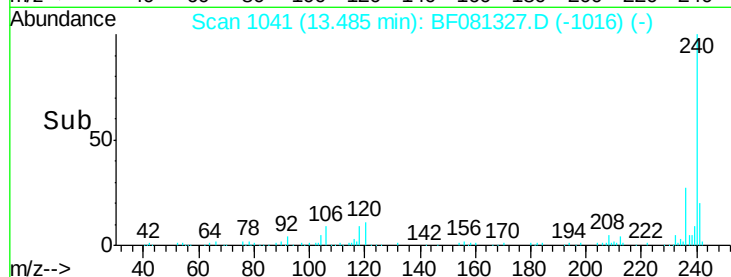
236 26.9 18.4 27.6



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: 76.65 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF081327.D

Acq: 2 Sep 2015 3:19

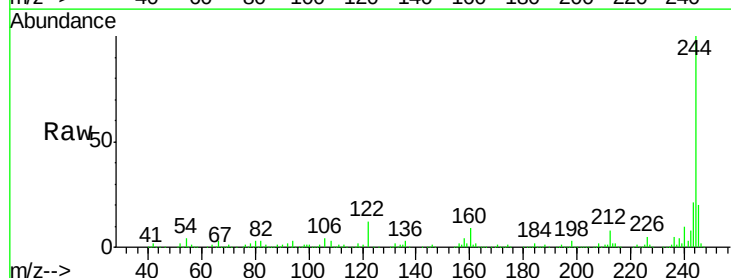
Tgt Ion:244 Resp: 517982

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

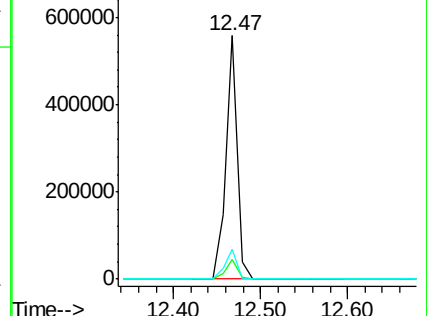
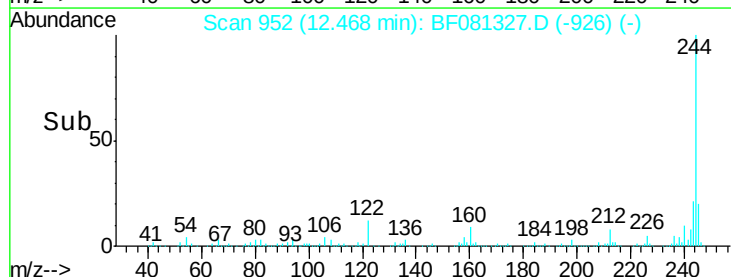
122 12.0 17.4 26.2#

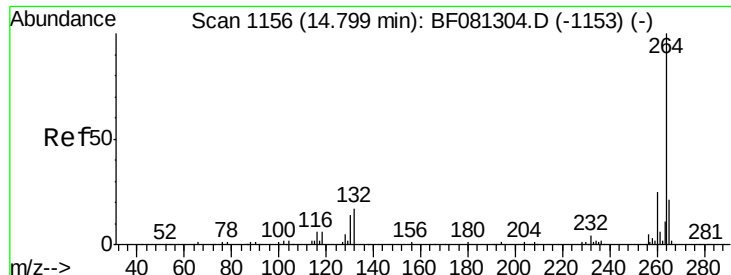


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.80 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF081327.D
Acq: 2 Sep 2015 3:19

Instrument :
BNA_F
ClientSampleId :
COFF-3-10(0-2)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	16.7	25.1
265	21.2	17.2	25.8

