

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
 Data File : BF086843.D
 Acq On : 10 May 2016 1:54
 Operator : UM/SJ
 Sample : H2895-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FT

Quant Time: May 10 03:54:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

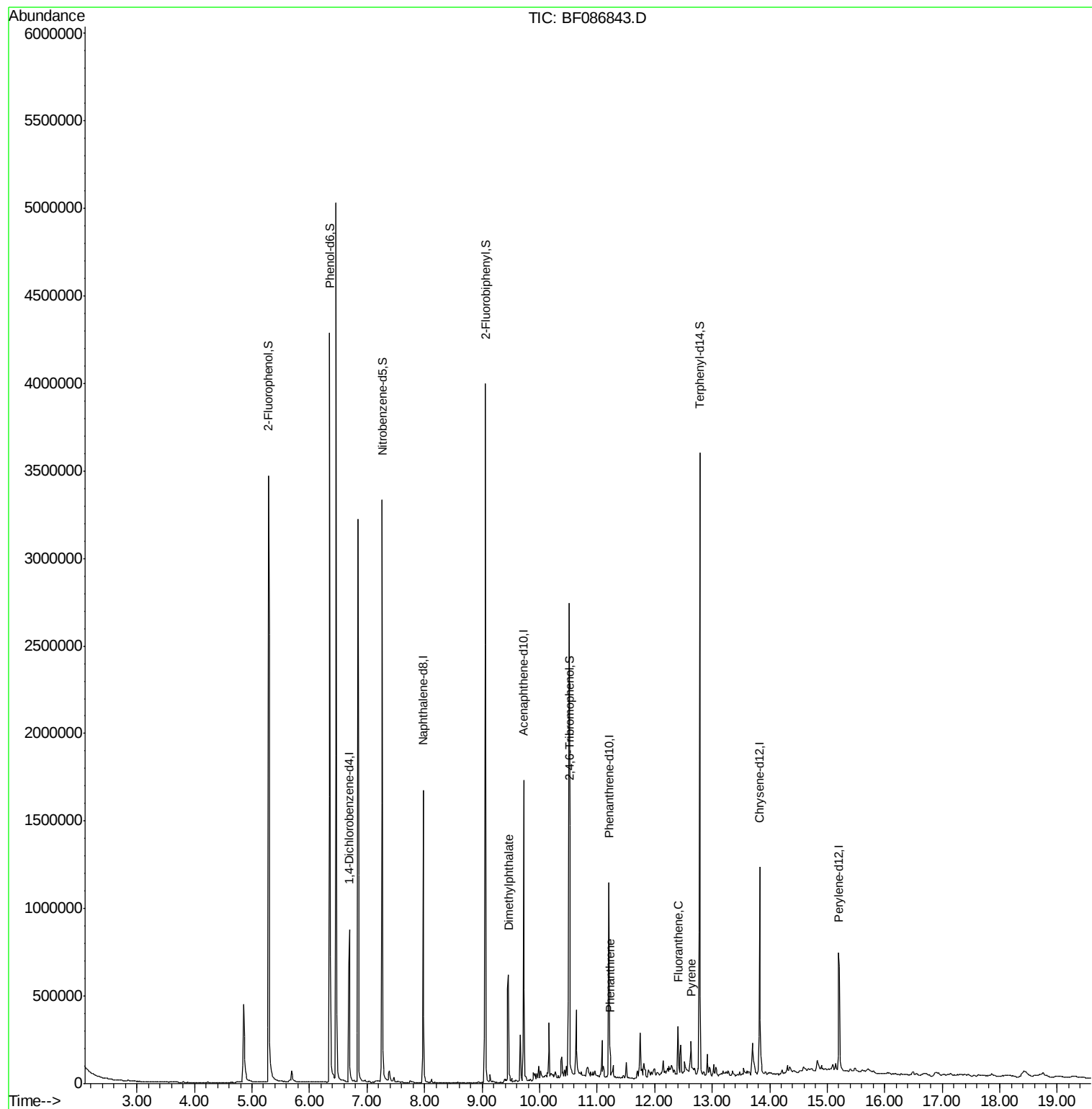
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	166867	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	713851	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	330416	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	606045	20.00	ng	0.00
75) Chrysene-d12	13.83	240	378334	20.00	ng	-0.01
86) Perylene-d12	15.21	264	346465	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1191817	120.96	ng	0.00
7) Phenol-d6	6.35	99	1455520	110.53	ng	-0.01
23) Nitrobenzene-d5	7.26	82	1139824	80.18	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	401595	114.81	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1520153	77.32	ng	0.00
78) Terphenyl-d14	12.79	244	1009910	56.64	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	338674	13.43	ng	99
70) Phenanthrene	11.23	178	69762	2.16	ng	98
74) Fluoranthene	12.41	202	103271	3.10	ng	95
77) Pyrene	12.64	202	83513	2.88	ng	99

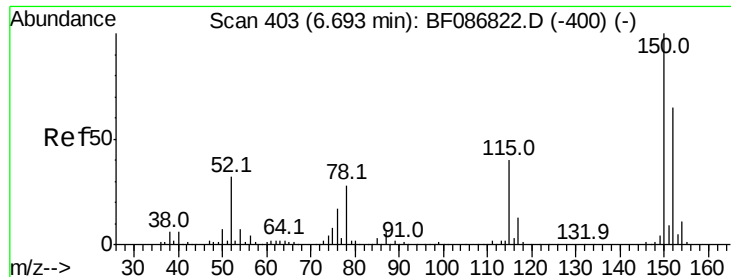
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF086843.D

Acq: 10 May 2016 1:54

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FT

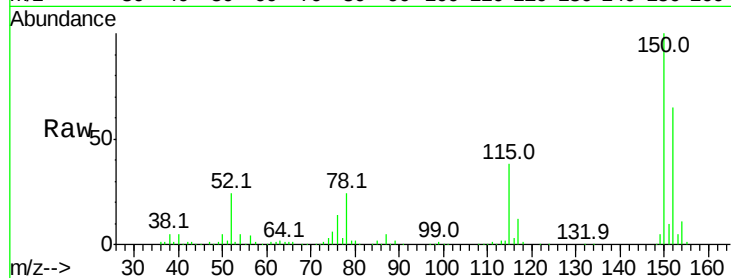
Tot Ion:152 Resp: 166867

Ion Ratio Lower Upper

152 100

150 153.5 125.8 188.6

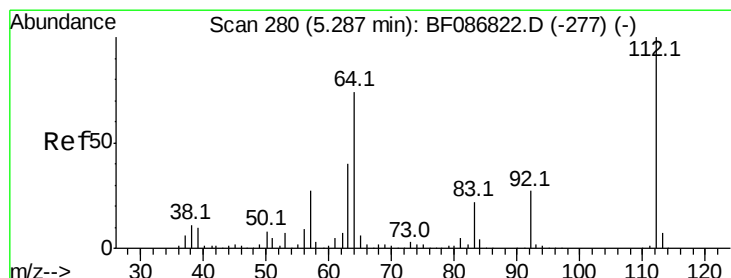
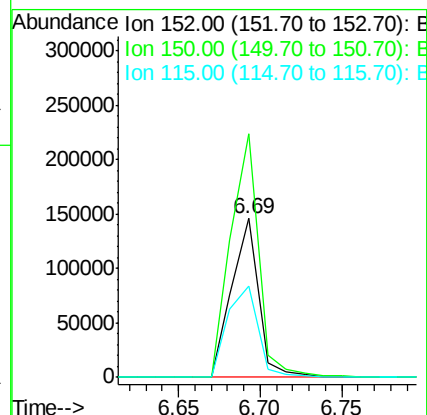
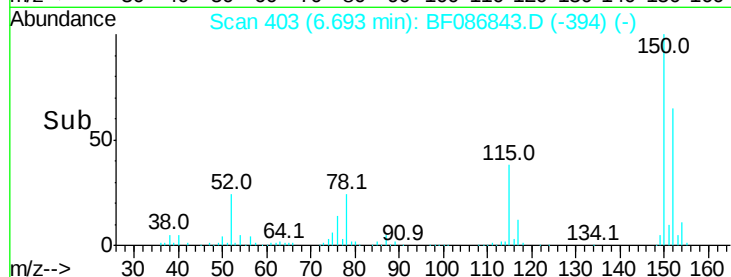
115 57.6 51.5 77.3



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: 120.96 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086843.D

Acq: 10 May 2016 1:54

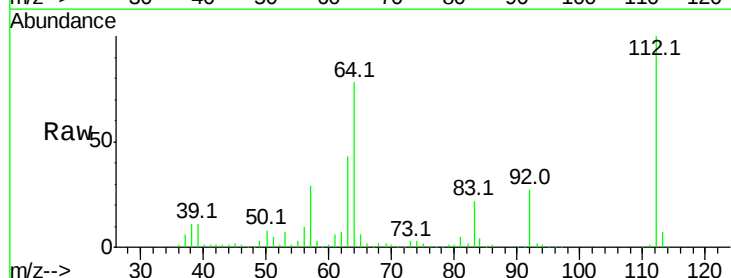
Tgt Ion:112 Resp: 1191817

Ion Ratio Lower Upper

112 100

64 78.4 52.1 78.1#

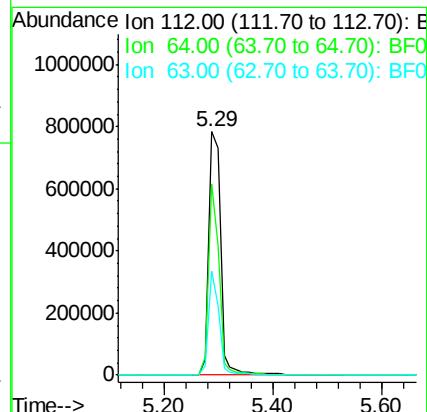
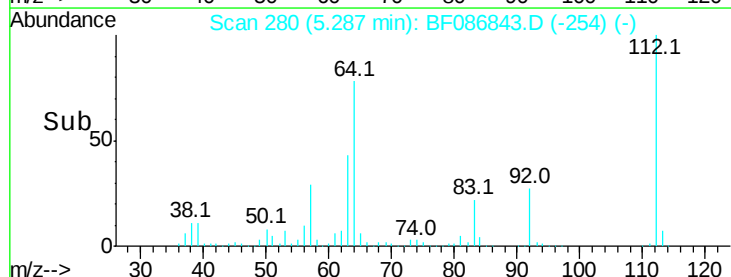
63 42.6 25.7 38.5#

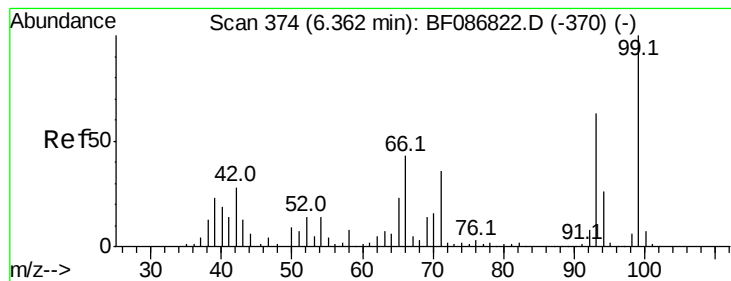


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.53 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086843.D

Acq: 10 May 2016 1:54

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FT

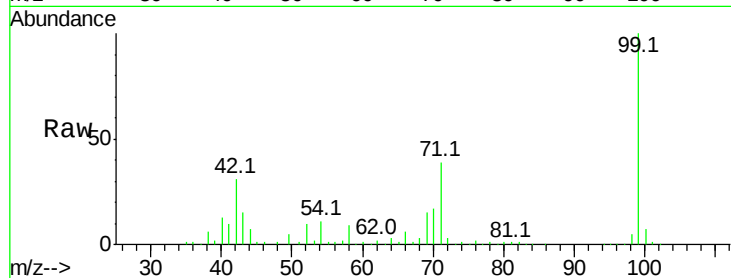
Tot Ion: 99 Resp: 145520

Ion Ratio Lower Upper

99 100

42 30.6 13.6 20.4#

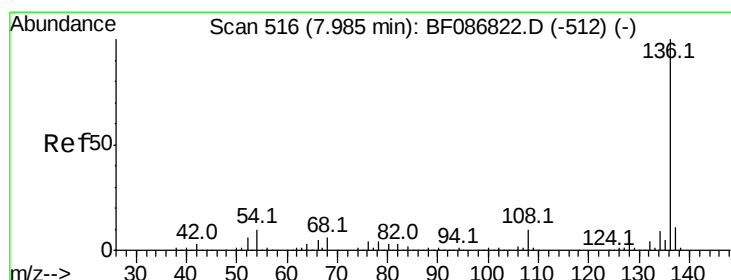
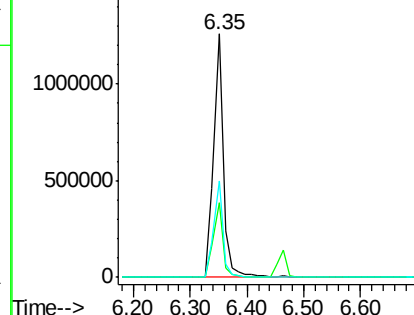
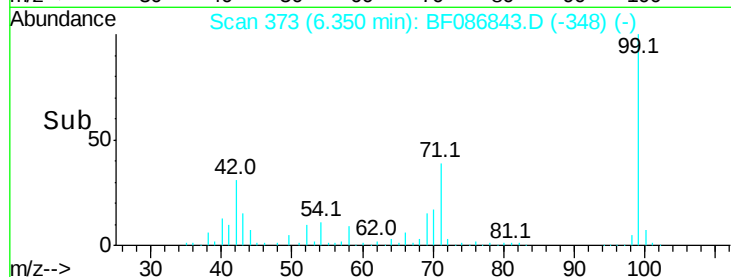
71 39.4 24.6 36.8#



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: 7.97 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF086843.D

Acq: 10 May 2016 1:54

Tgt Ion: 136 Resp: 713851

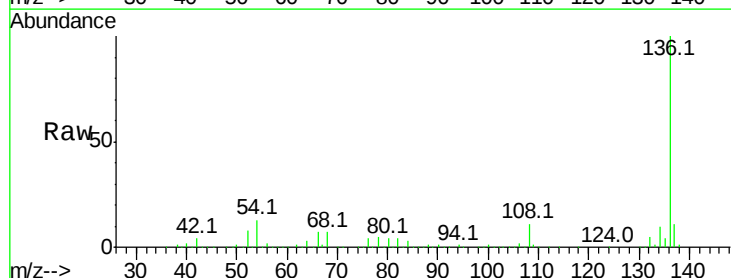
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 13.4 5.0 7.4#

68 7.3 4.4 6.6#

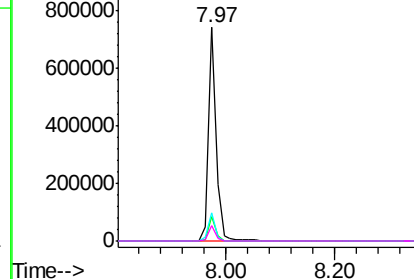
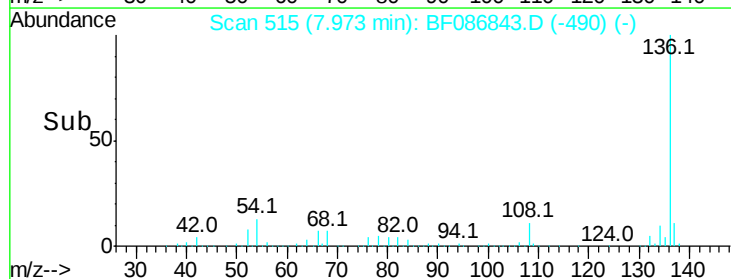


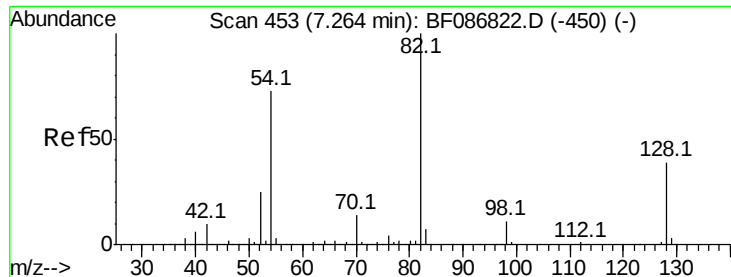
Abundance Ion 136.00 (135.70 to 136.70): E

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

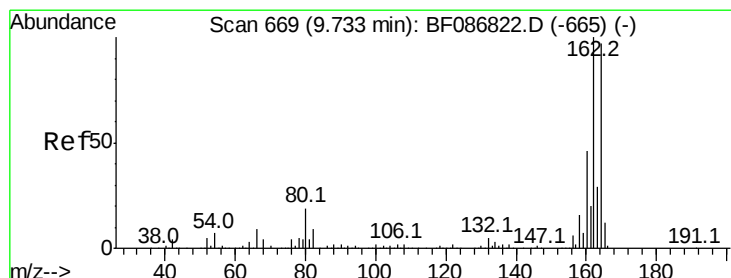
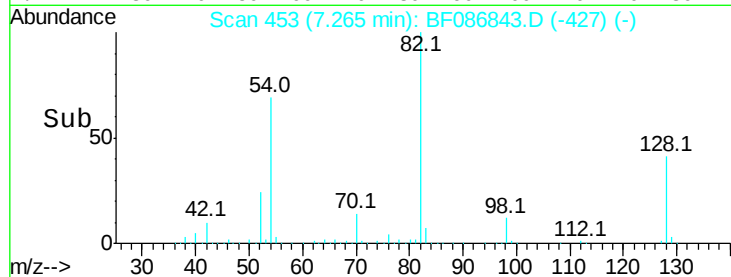
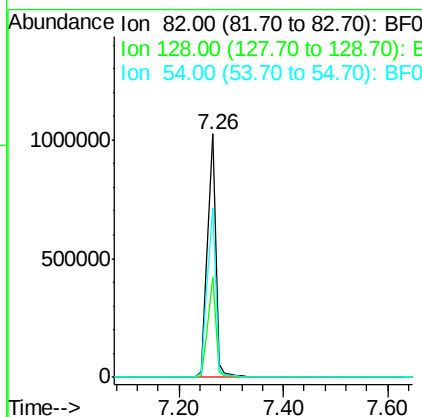
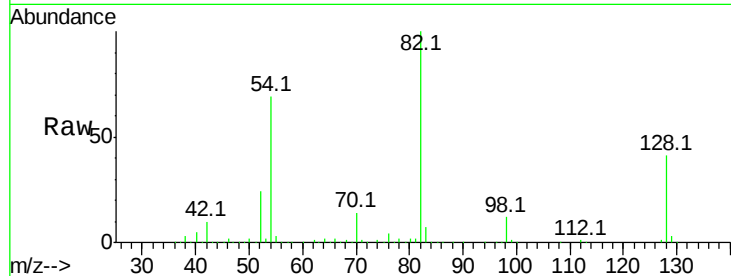




#23
 Nitrobenzene-d5
 Concen: 80.18 ng
 RT: 7.26 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF086843.D
 Acq: 10 May 2016 1:54

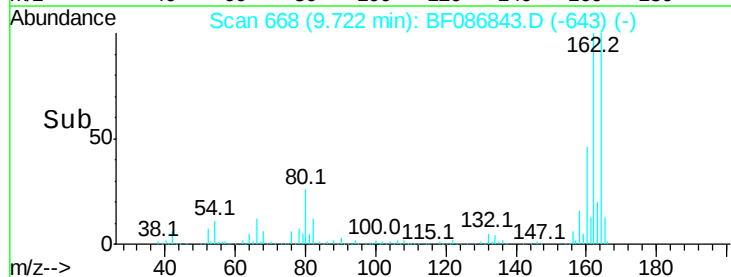
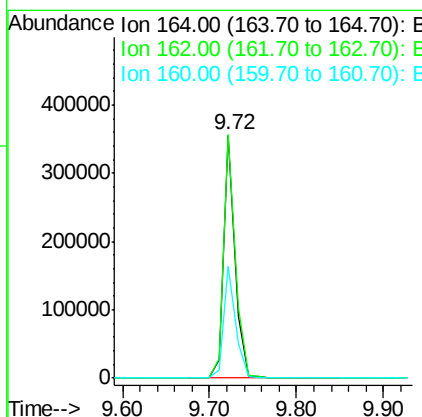
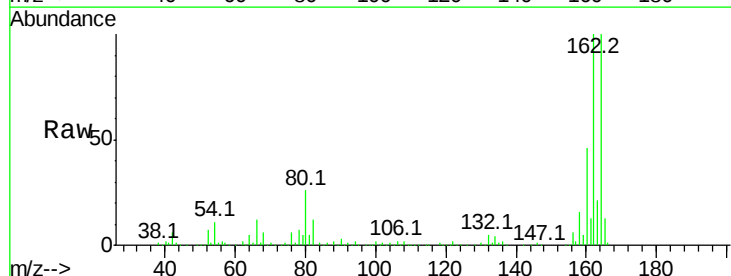
Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FT

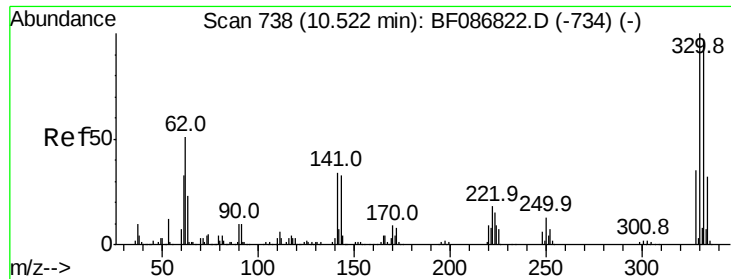
Tot Ion: 82 Resp: 1139824
 Ion Ratio Lower Upper
 82 100
 128 41.2 40.6 61.0
 54 69.4 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF086843.D
 Acq: 10 May 2016 1:54

Tgt Ion: 164 Resp: 330416
 Ion Ratio Lower Upper
 164 100
 162 100.3 82.8 124.2
 160 46.0 36.9 55.3

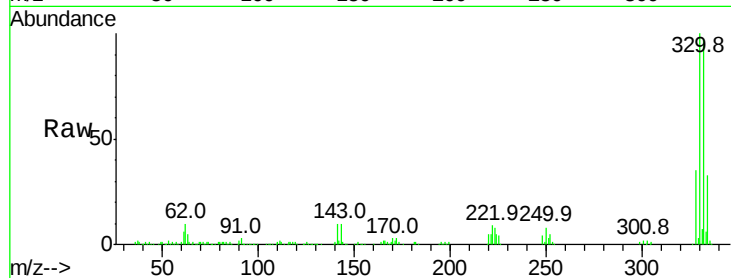




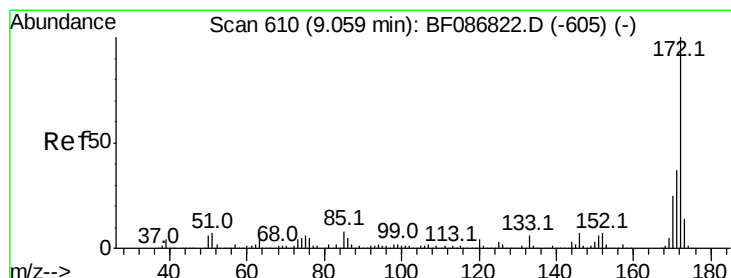
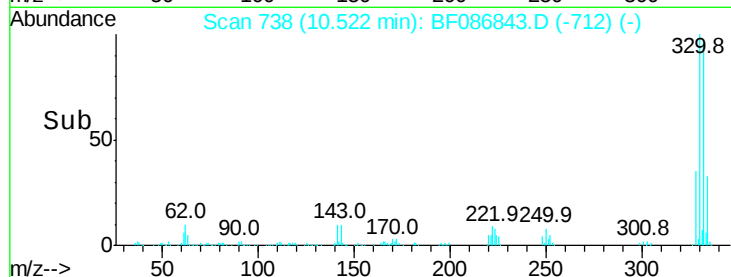
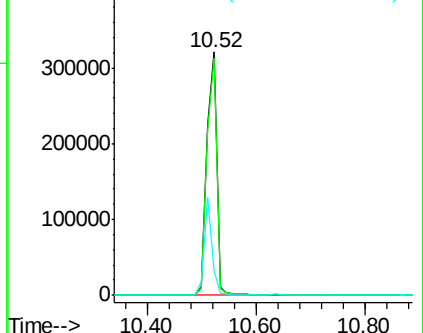
#41
 2,4,6-Tribromophenol
 Concen: 114.81 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF086843.D
 Acq: 10 May 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FT

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.0	118.4
141	32.2	31.2	46.8

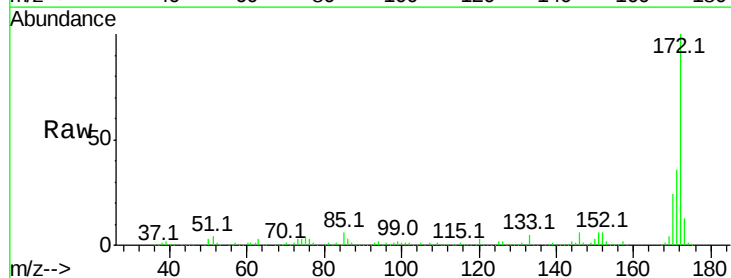


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

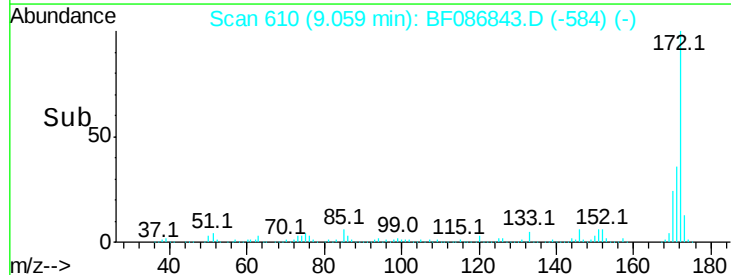
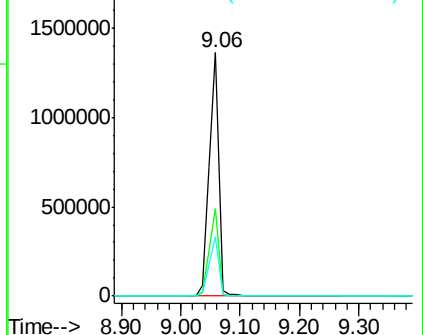


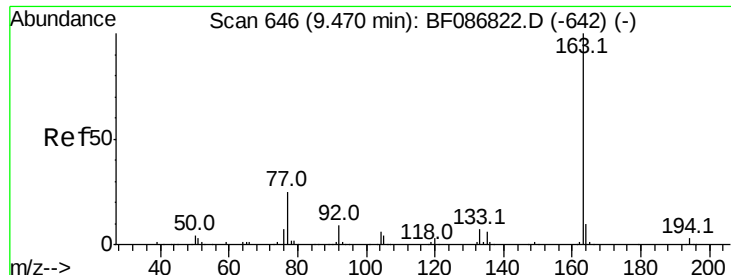
#44
 2-Fluorobiphenyl
 Concen: 77.32 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF086843.D
 Acq: 10 May 2016 1:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.3	19.8	29.8



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

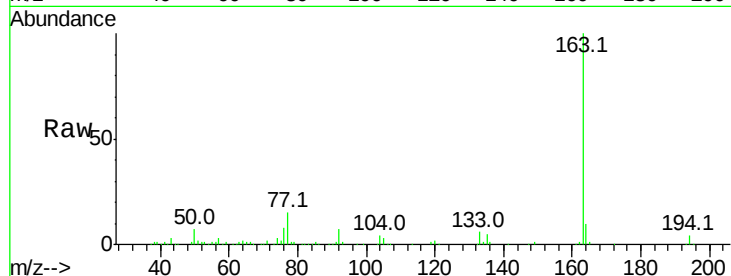




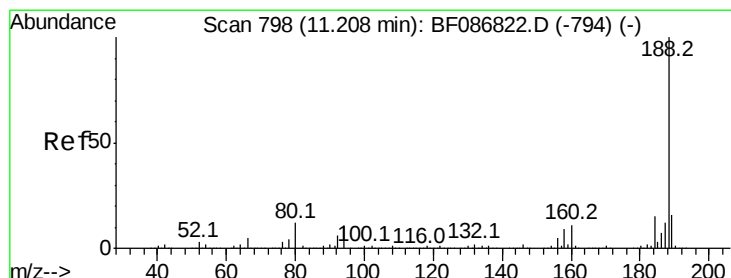
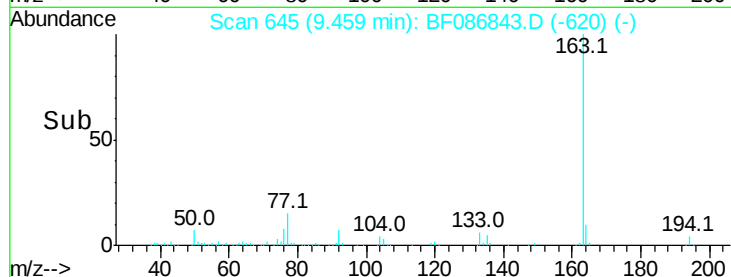
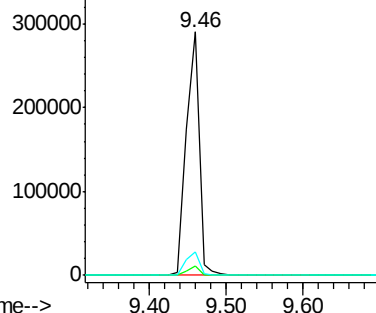
#49
Dimethylphthalate
Concen: 13.43 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF086843.D
Acq: 10 May 2016 1:54

Instrument :
BNA_F
ClientSampleId :
TP8-9.5FT

Tot Ion:163 Resp: 338674
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.8 8.2 12.4

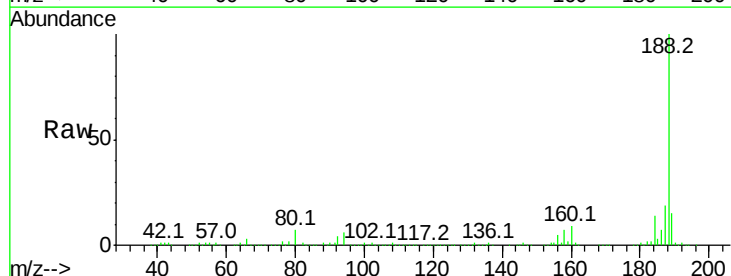


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

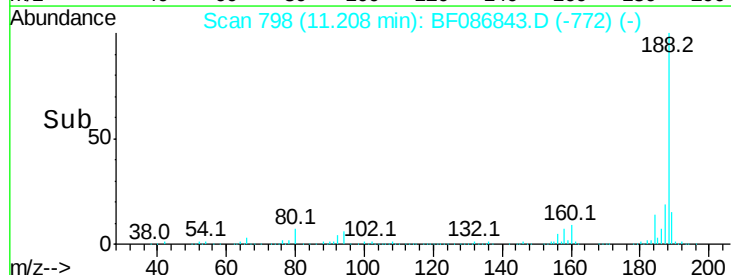
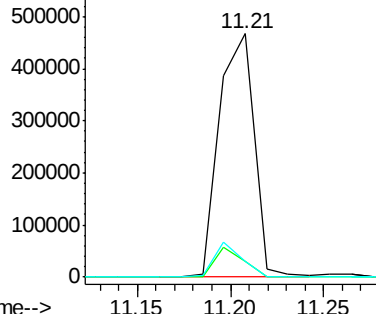


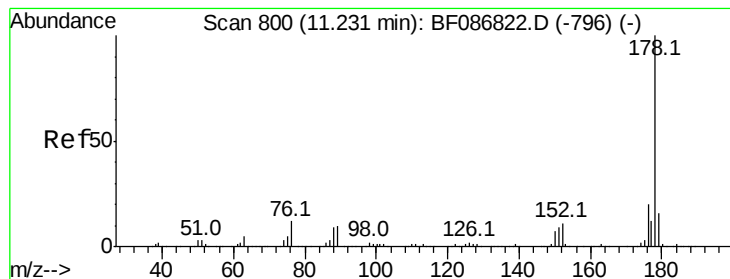
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF086843.D
Acq: 10 May 2016 1:54

Tgt Ion:188 Resp: 606045
Ion Ratio Lower Upper
188 100
94 6.4 6.8 10.2#
80 6.6 7.1 10.7#



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: 2.16 ng

RT: 11.23 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF086843.D

Acq: 10 May 2016 1:54

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FT

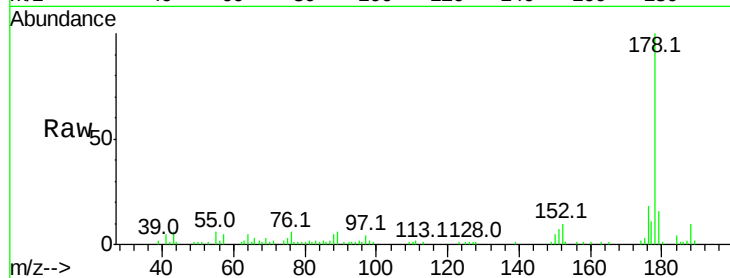
Tot Ion:178 Resp: 69762

Ion Ratio Lower Upper

178 100

176 18.3 16.0 24.0

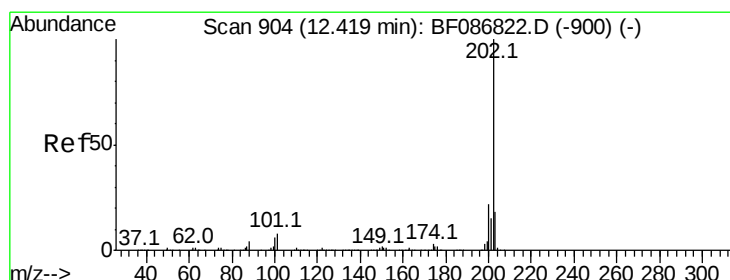
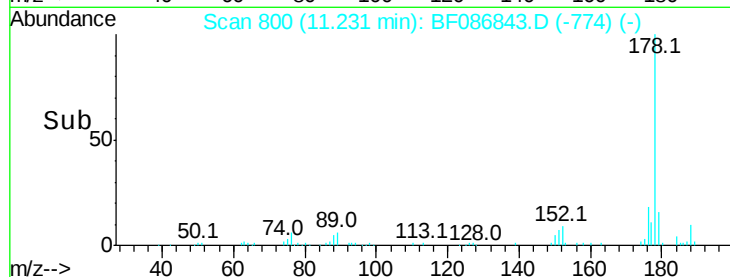
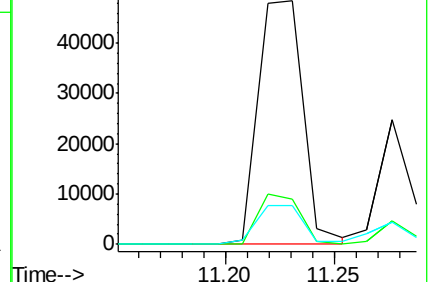
179 15.7 12.6 18.8



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: 3.10 ng

RT: 12.41 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF086843.D

Acq: 10 May 2016 1:54

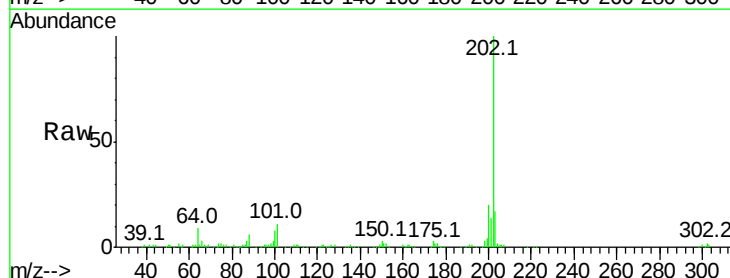
Tgt Ion:202 Resp: 103271

Ion Ratio Lower Upper

202 100

101 11.3 0.0 35.4

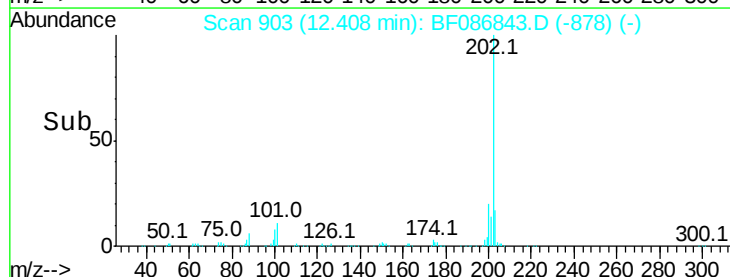
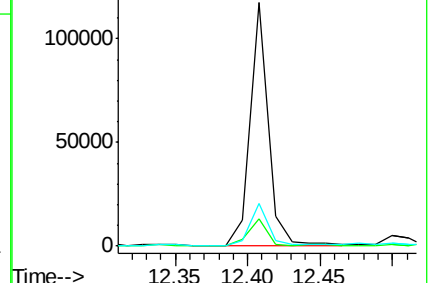
203 17.3 0.0 38.1

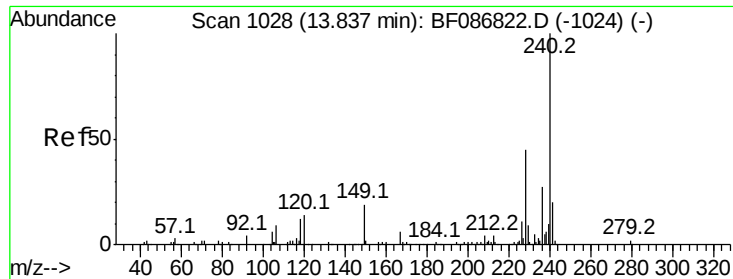


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF086843.D

Acq: 10 May 2016 1:54

Instrument :

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TP8-9.5FT

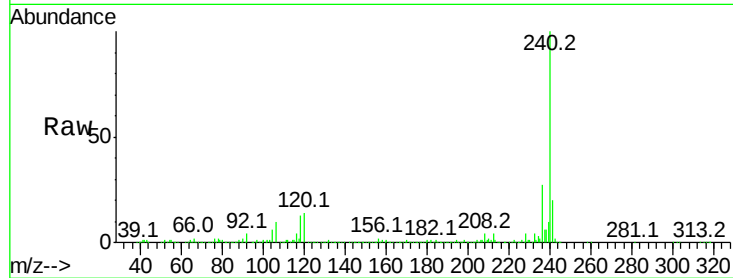
Tot Ion:240 Resp: 378334

Ion Ratio Lower Upper

240 100

120 14.3 11.2 16.8

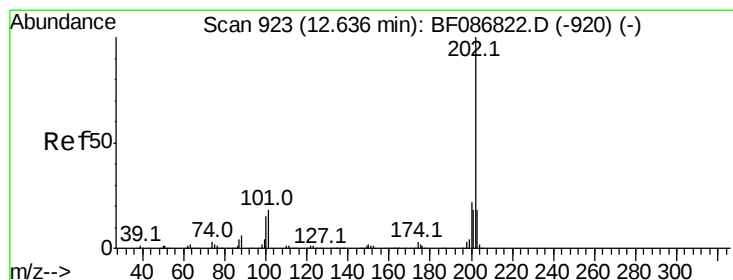
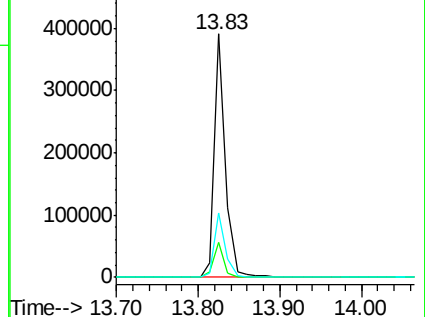
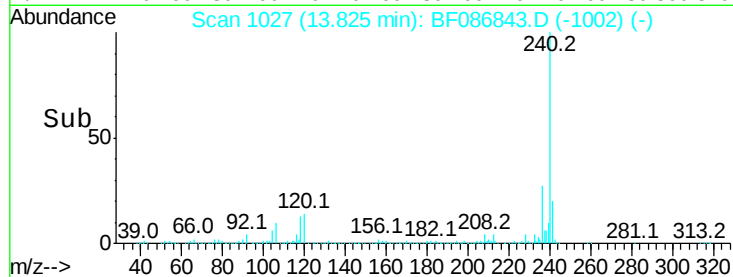
236 26.6 21.2 31.8



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: 2.88 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF086843.D

Acq: 10 May 2016 1:54

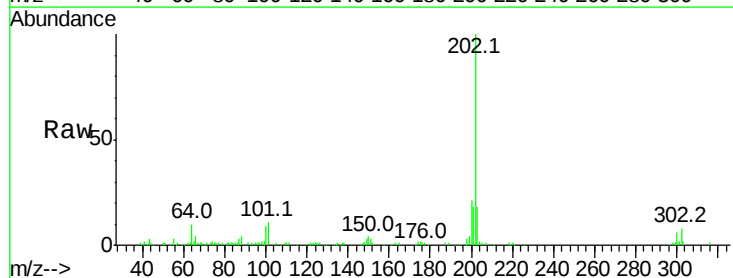
Tgt Ion:202 Resp: 83513

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

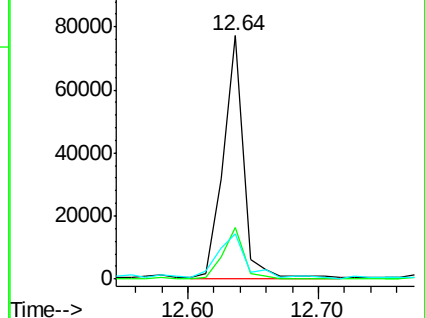
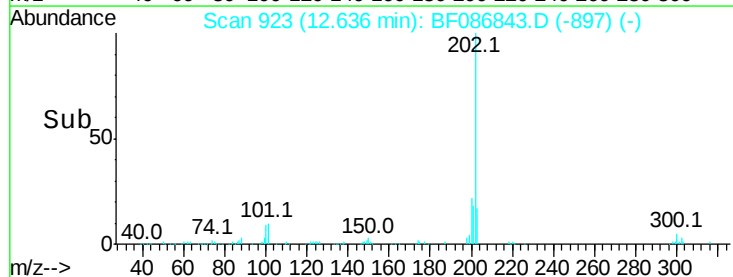
203 18.3 14.2 21.4

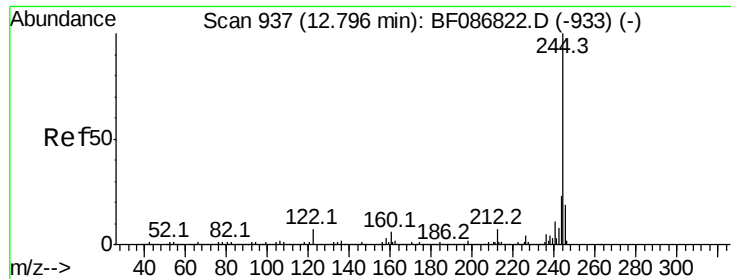


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



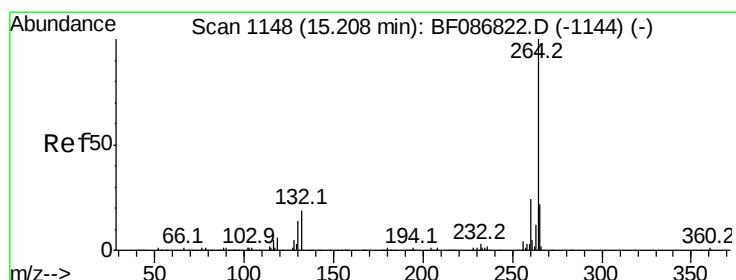
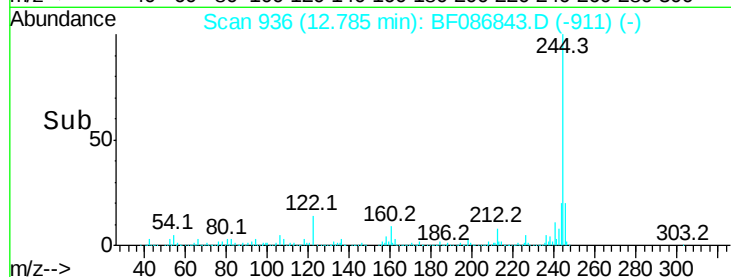
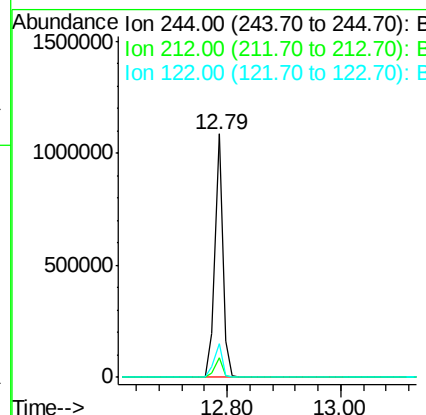
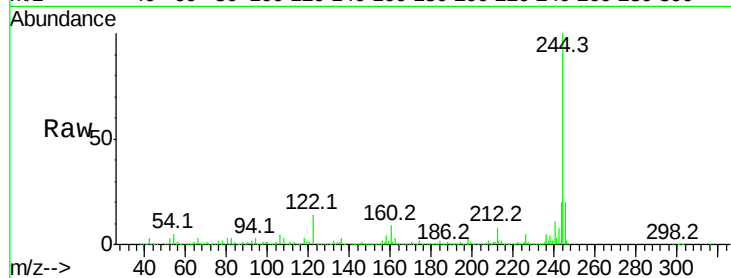


#78
 Terphenyl-d14
 Concen: 56.64 ng
 RT: 12.79 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF086843.D
 Acq: 10 May 2016 1:54

Instrument :
 BNA_F
 ClientSampled :
 TP8-9.5FT

Tot Ion:244 Resp: 1009910

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	13.7	12.0	18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF086843.D
 Acq: 10 May 2016 1:54

Tgt Ion:264 Resp: 346465

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.5	17.3	25.9

