

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
 Data File : BF086715.D
 Acq On : 5 May 2016 19:50
 Operator : UM/SJ
 Sample : H2829-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EUT01-TD-B13(0-9.5)-C

Quant Time: May 06 01:57:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

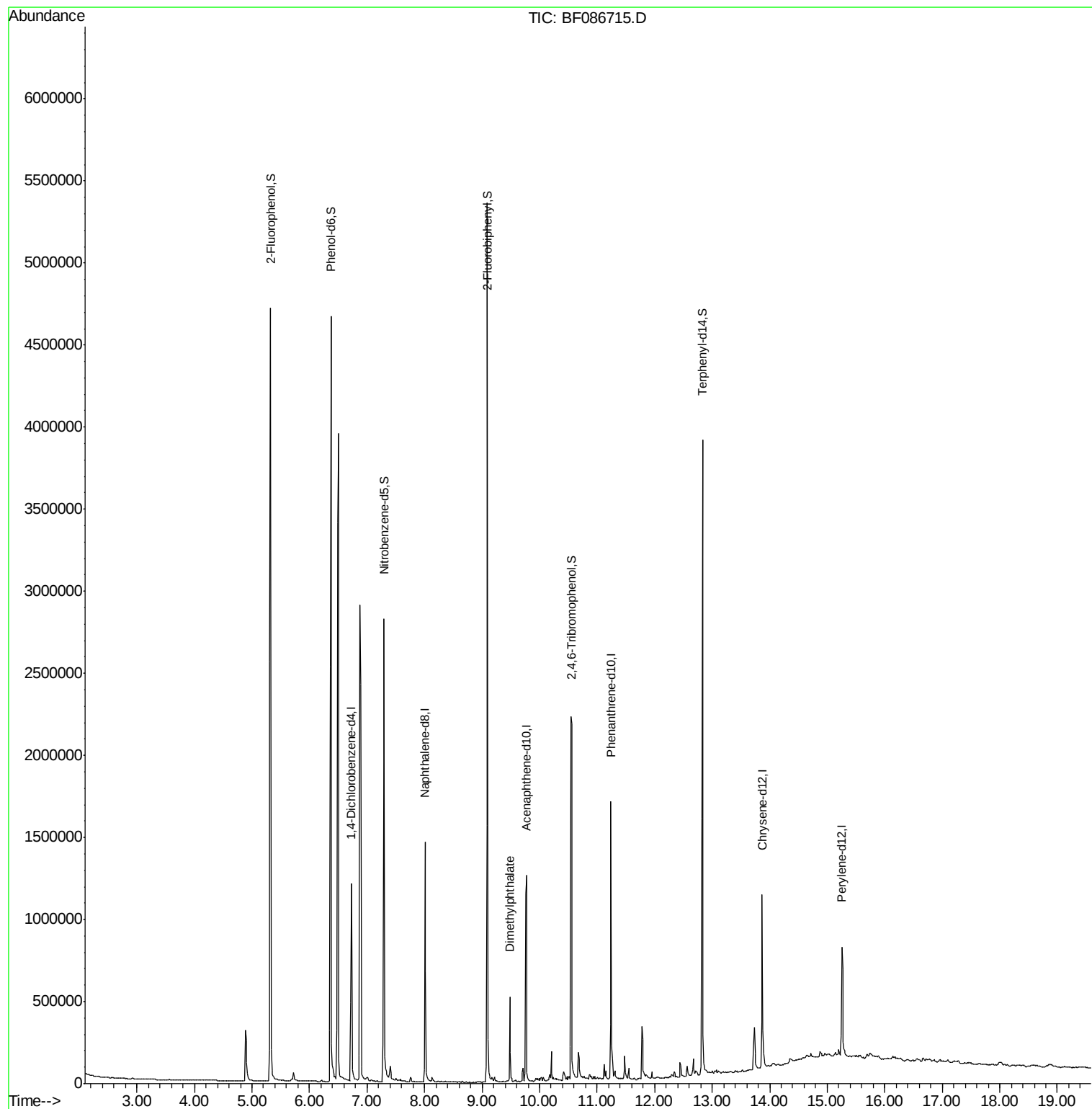
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	195148	40.00	ng	-0.01
21) Naphthalene-d8	8.01	136	750743	40.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	351604	40.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	623285	40.00	ng	-0.01
75) Chrysene-d12	13.87	240	394830	40.00	ng	-0.01
86) Perylene-d12	15.25	264	369095	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1311880	111.29	ng	0.00
7) Phenol-d6	6.37	99	1664851	104.85	ng	0.00
23) Nitrobenzene-d5	7.30	82	1185961	81.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	418045	121.54	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1575637	73.46	ng	-0.01
78) Terphenyl-d14	12.83	244	1258665	64.43	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.48	163	206749	7.89	ng	Qvalue 99

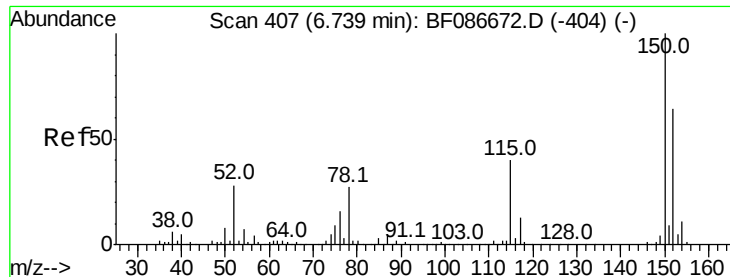
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF086715.D

Acq: 5 May 2016 19:50

Instrument :

BNA_F

ClientSampleId :

EUT01-TD-B13(0-9.5)-C

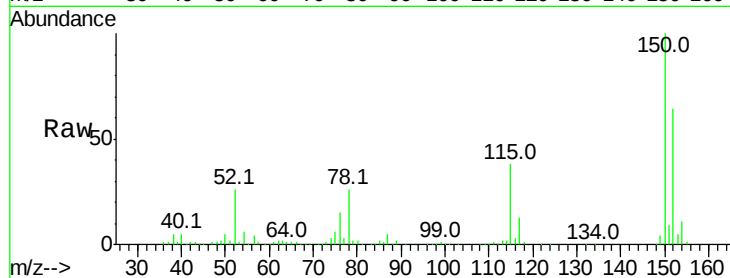
Tot Ion:152 Resp: 195148

Ion Ratio Lower Upper

152 100

150 155.7 125.8 188.6

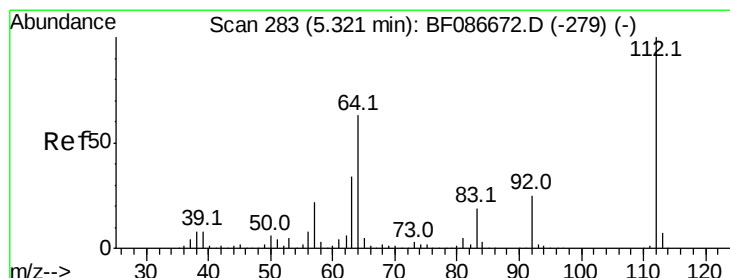
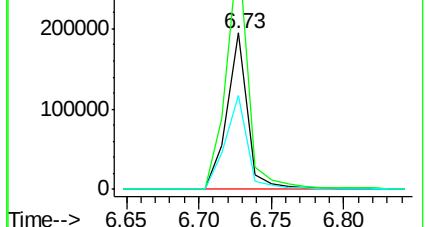
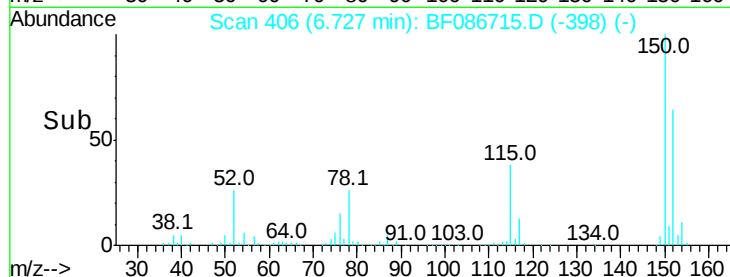
115 59.8 51.5 77.3



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: 111.29 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086715.D

Acq: 5 May 2016 19:50

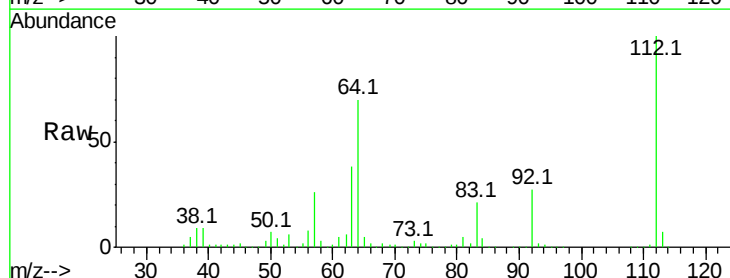
Tgt Ion:112 Resp: 1311880

Ion Ratio Lower Upper

112 100

64 69.7 52.1 78.1

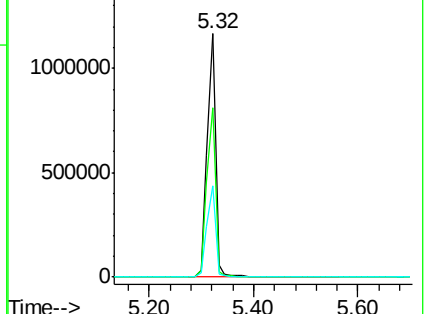
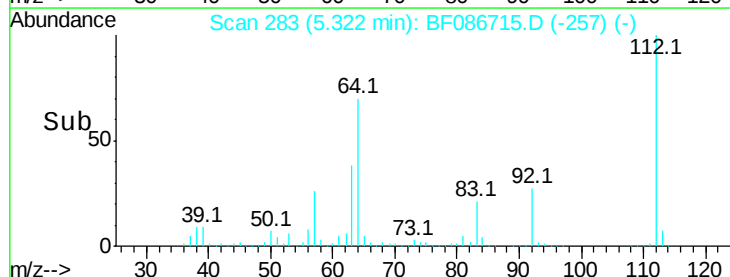
63 37.7 25.7 38.5

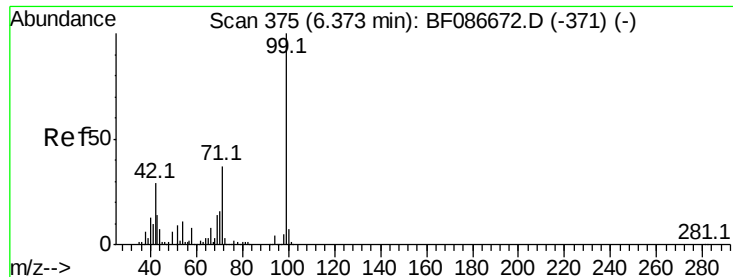


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.85 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086715.D

Acq: 5 May 2016 19:50

Instrument :

BNA_F

ClientSampleId :

EUT01-TD-B13(0-9.5)-C

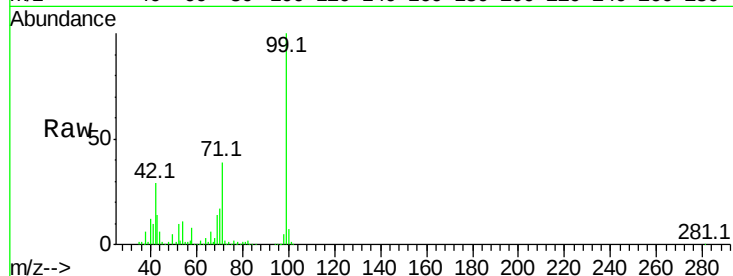
Tot Ion: 99 Resp: 1664851

Ion Ratio Lower Upper

99 100

42 28.9 13.6 20.4#

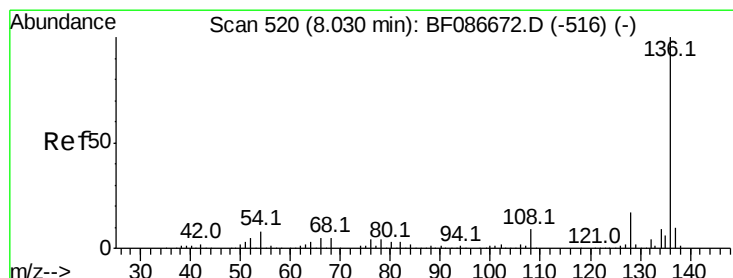
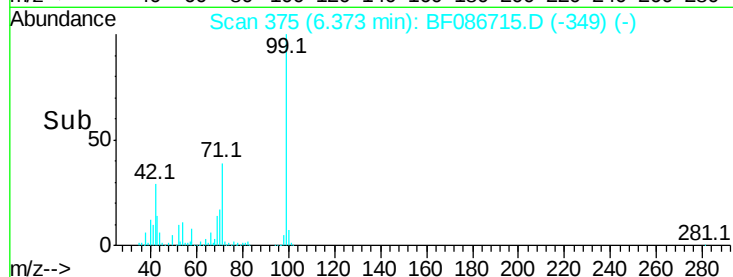
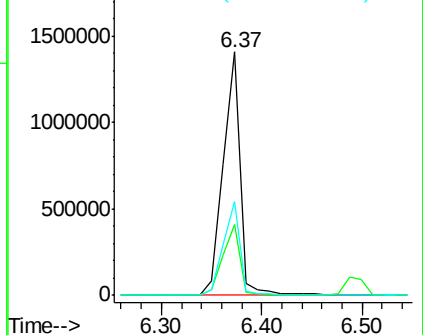
71 38.7 24.6 36.8#



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: 40.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF086715.D

Acq: 5 May 2016 19:50

Tgt Ion: 136 Resp: 750743

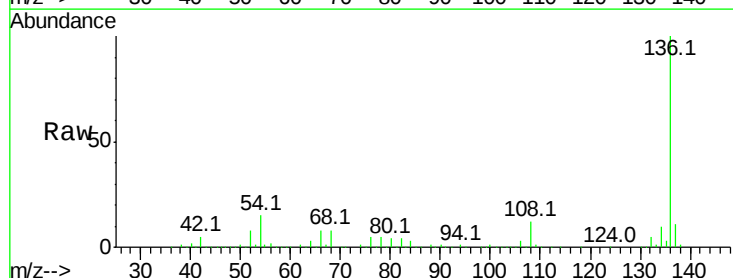
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 14.6 5.0 7.4#

68 8.2 4.4 6.6#

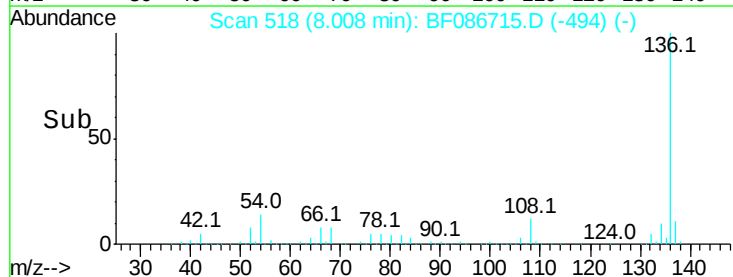
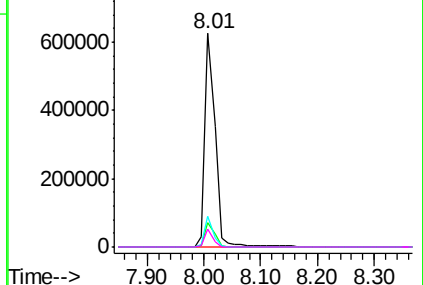


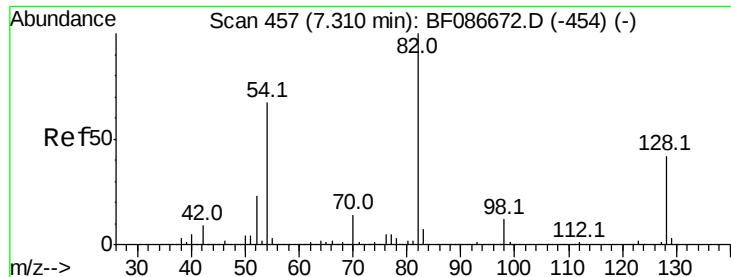
Abundance Ion 136.00 (135.70 to 136.70): E

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

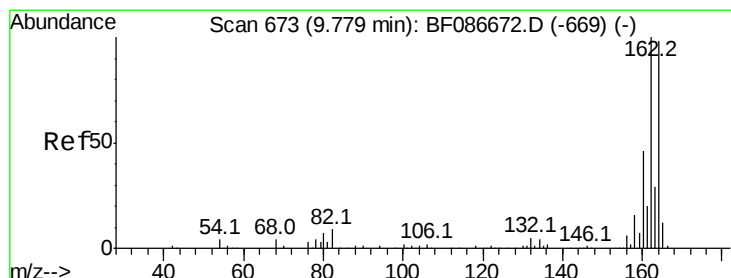
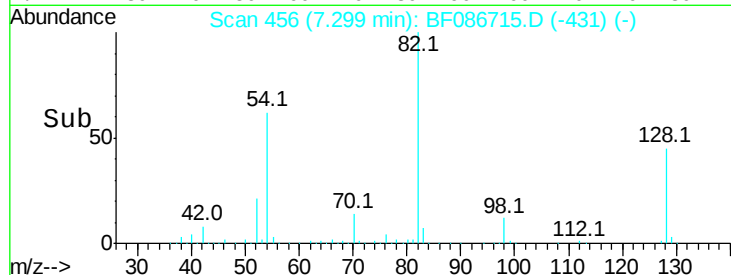
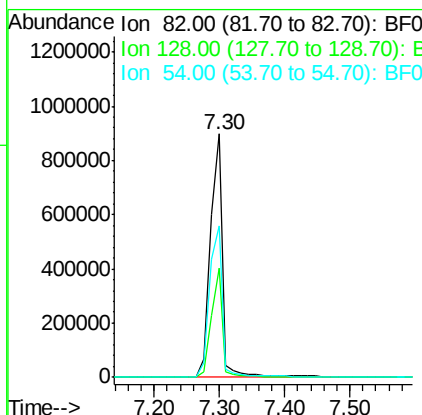
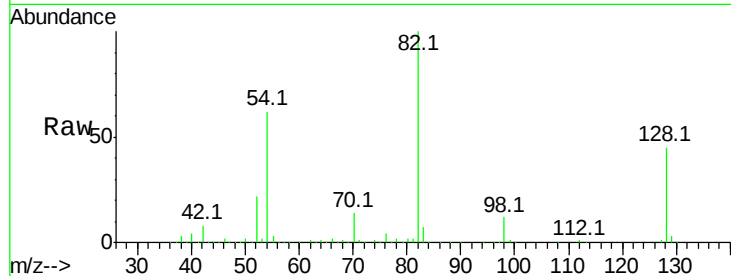




#23
 Nitrobenzene-d5
 Concen: 81.18 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF086715.D
 Acq: 5 May 2016 19:50

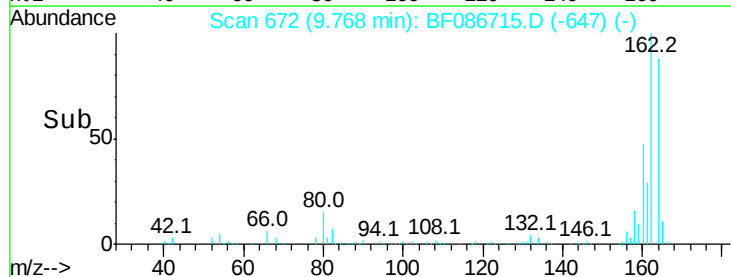
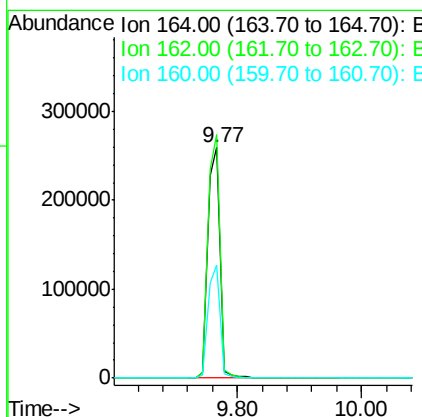
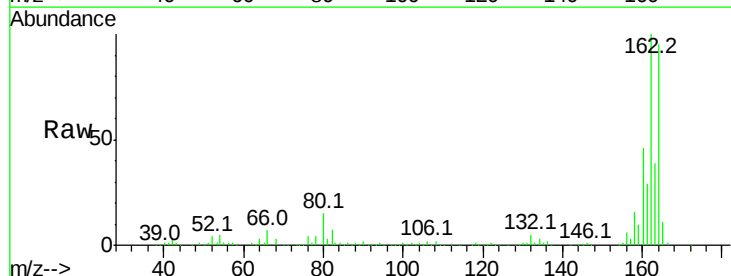
Instrument :
 BNA_F
 ClientSampleId :
 EUT01-TD-B13(0-9.5)-C

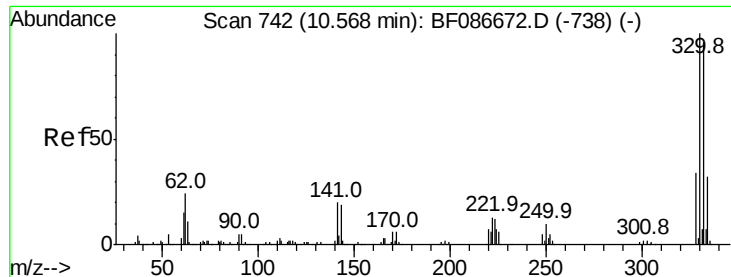
Tot Ion: 82 Resp: 1185961
 Ion Ratio Lower Upper
 82 100
 128 44.9 40.6 61.0
 54 61.9 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF086715.D
 Acq: 5 May 2016 19:50

Tgt Ion: 164 Resp: 351604
 Ion Ratio Lower Upper
 164 100
 162 105.6 82.8 124.2
 160 49.0 36.9 55.3

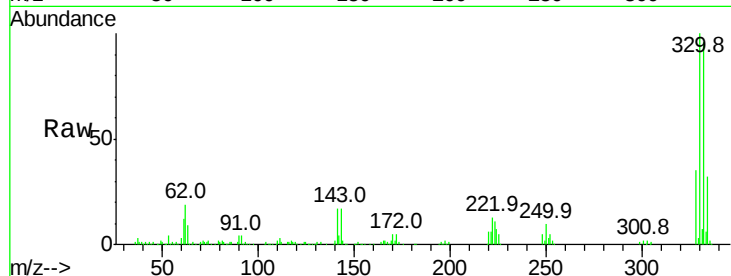




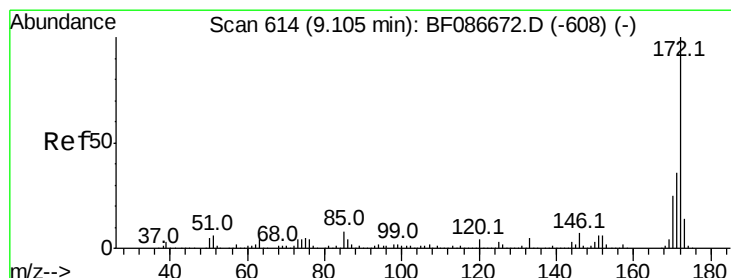
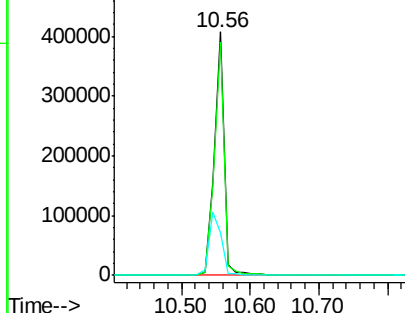
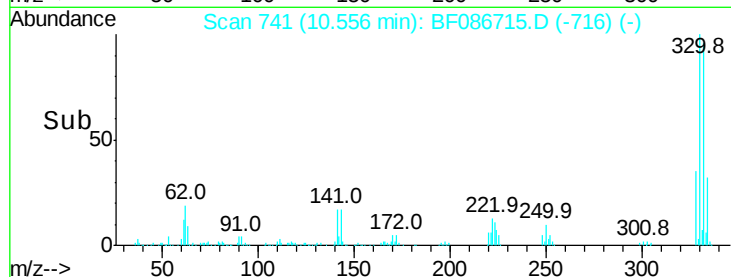
#41
 2,4,6-Tribromophenol
 Concen: 121.54 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF086715.D
 Acq: 5 May 2016 19:50

Instrument :
 BNA_F
 ClientSampleId :
 EUT01-TD-B13(0-9.5)-C

Tot Ion:330 Resp: 418045
 Ion Ratio Lower Upper
 330 100
 332 95.9 79.0 118.4
 141 32.4 31.2 46.8

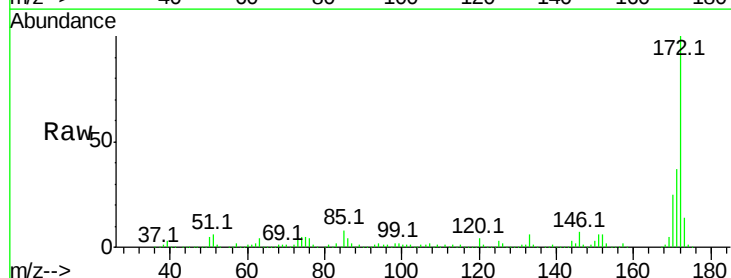


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

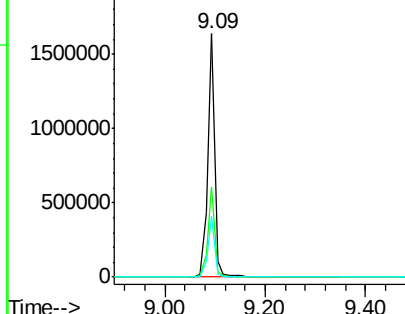
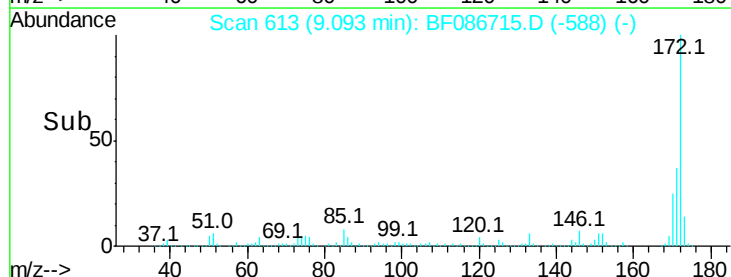


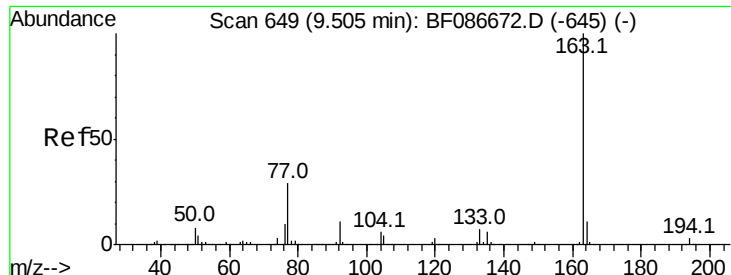
#44
 2-Fluorobiphenyl
 Concen: 73.46 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF086715.D
 Acq: 5 May 2016 19:50

Tgt Ion:172 Resp: 1575637
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.0 43.6
 170 25.0 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

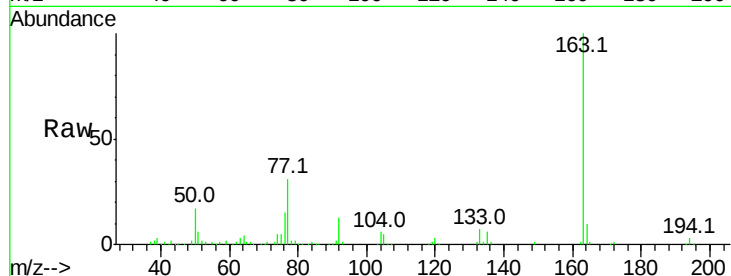




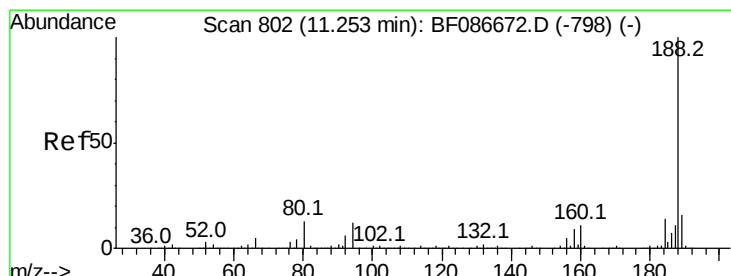
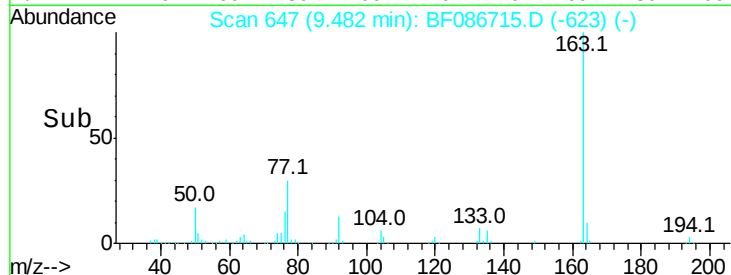
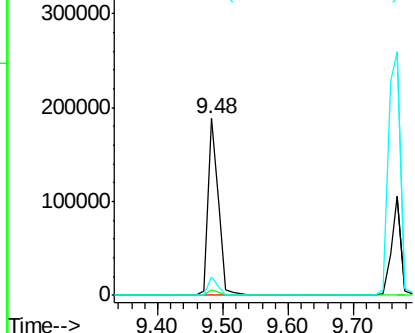
#49
Dimethylphthalate
Concen: 7.89 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF086715.D
Acq: 5 May 2016 19:50

Instrument :
BNA_F
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EUT01-TD-B13(0-9.5)-C

Tot Ion:163 Resp: 206749
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 10.4 8.2 12.4

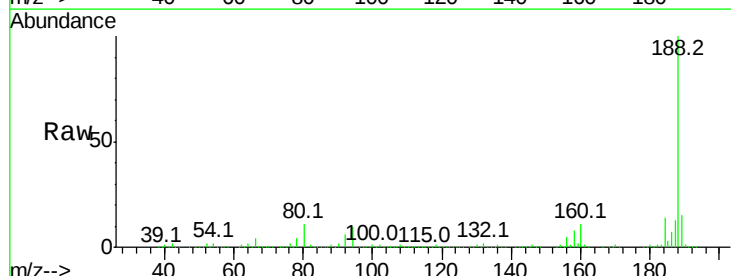


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

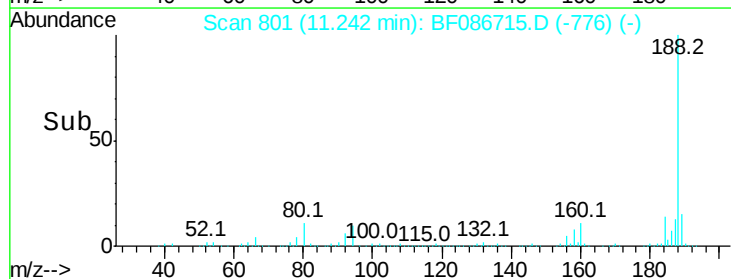
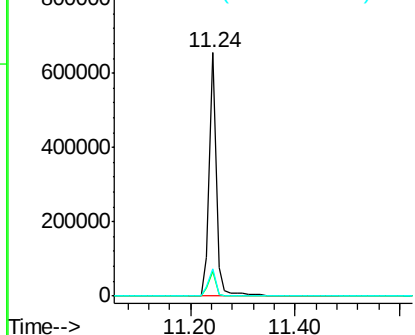


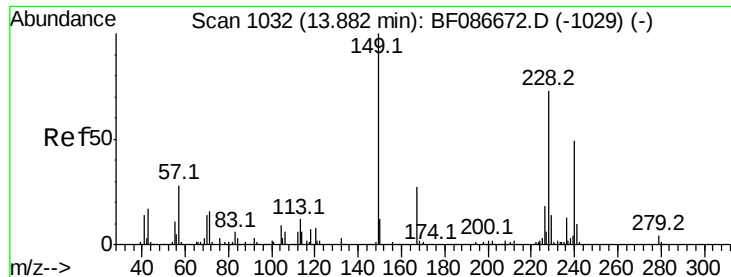
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF086715.D
Acq: 5 May 2016 19:50

Tgt Ion:188 Resp: 623285
Ion Ratio Lower Upper
188 100
94 10.2 6.8 10.2#
80 11.2 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





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF086715.D

Acq: 5 May 2016 19:50

Instrument :

BNA_F

ClientSampleId :

EUT01-TD-B13(0-9.5)-C

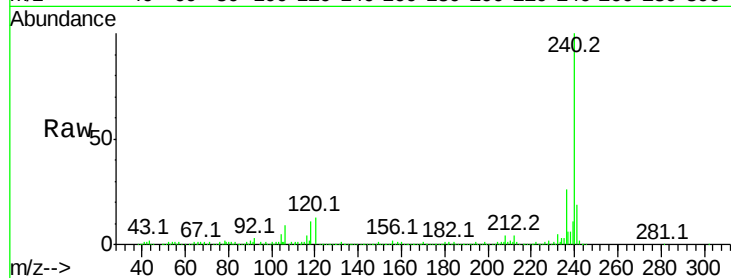
Tot Ion:240 Resp: 394830

Ion Ratio Lower Upper

240 100

120 12.6 11.2 16.8

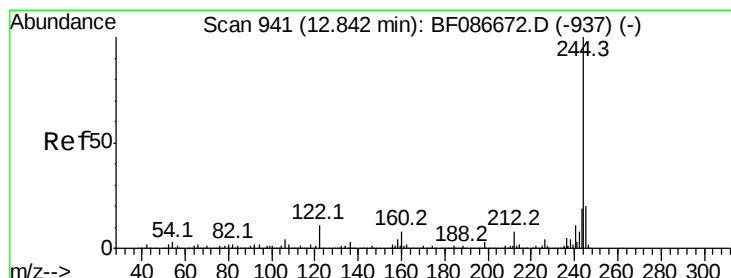
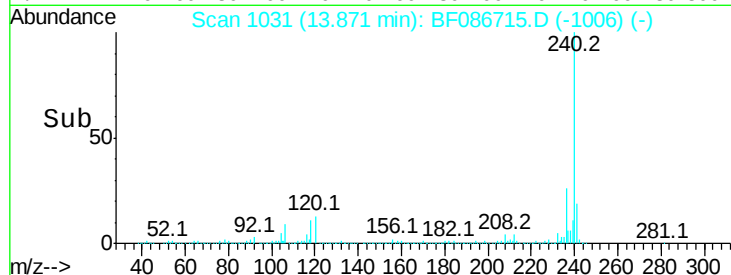
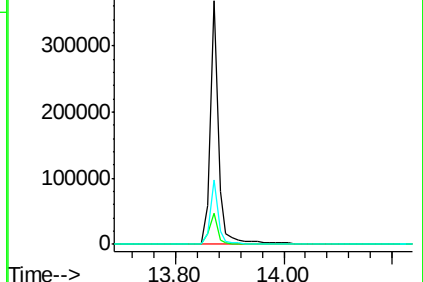
236 26.5 21.2 31.8



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



#78

Terphenyl-d14

Concen: 64.43 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF086715.D

Acq: 5 May 2016 19:50

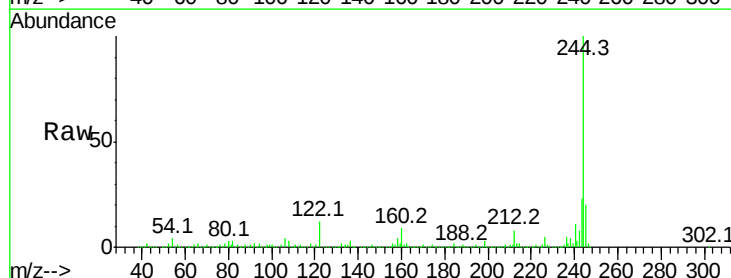
Tgt Ion:244 Resp: 1258665

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

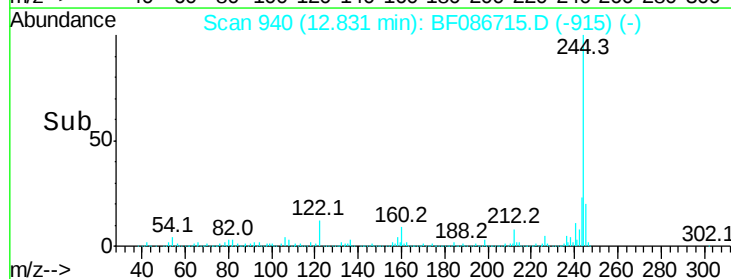
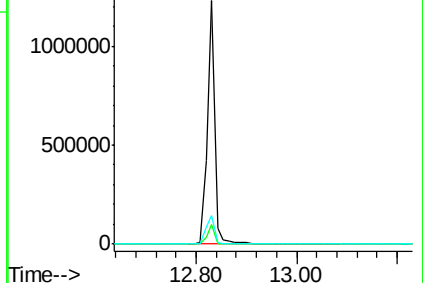
122 11.9 12.0 18.0#

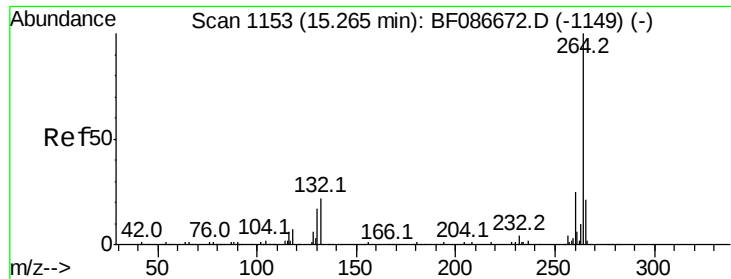


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 40.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF086715.D
Acq: 5 May 2016 19:50

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B13(0-9.5)-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.8	17.3	25.9

