

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050416\
 Data File : BF086701.D
 Acq On : 5 May 2016 2:50
 Operator : UM/SJ
 Sample : H2829-05 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EUT01-TD-B14(0-9.5)-C

Quant Time: May 05 04:14:42 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

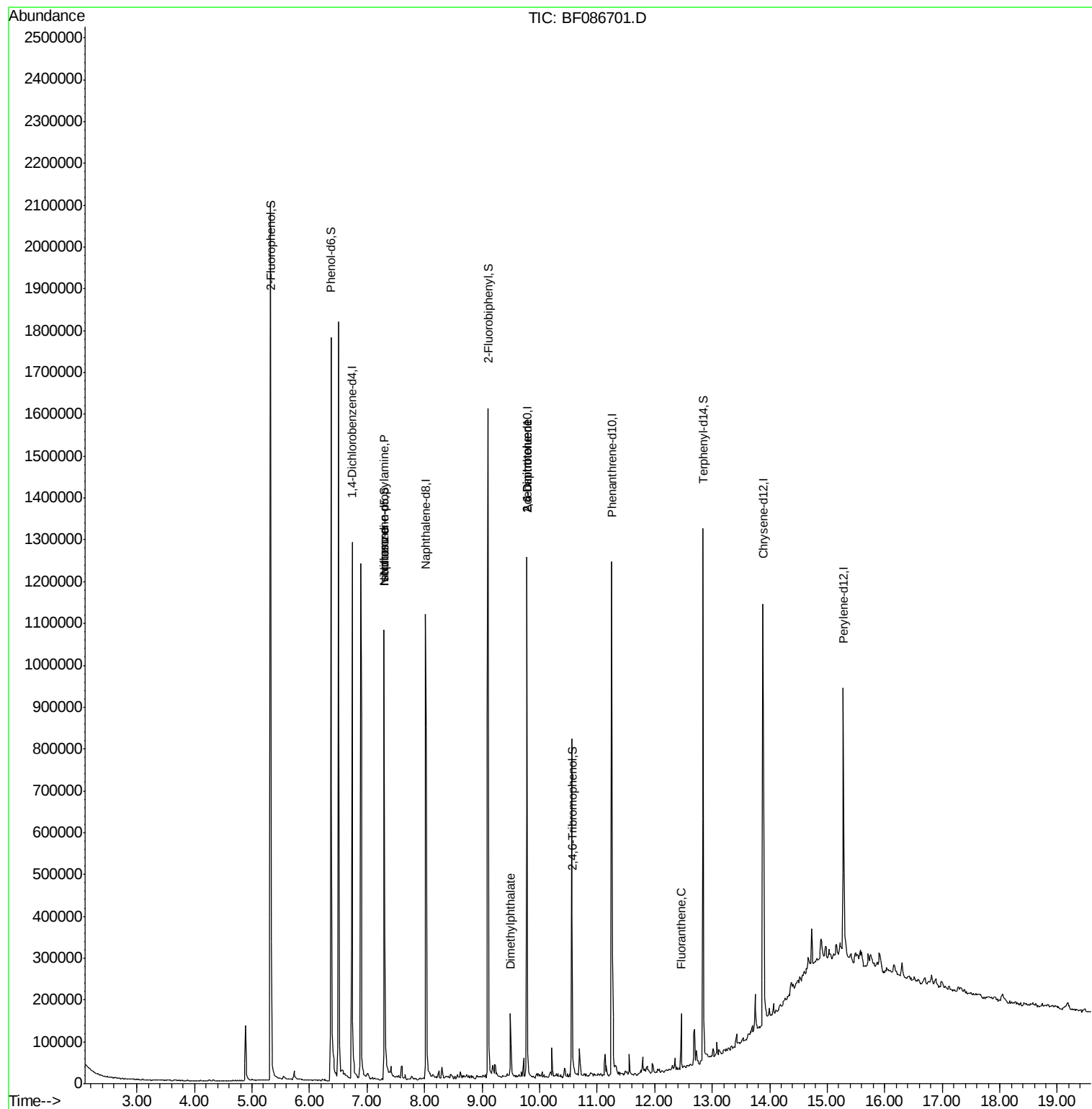
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	186798	40.00	ng	0.00
21) Naphthalene-d8	8.02	136	675588	40.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	275304	40.00	ng	0.00
63) Phenanthrene-d10	11.25	188	454886	40.00	ng	0.00
75) Chrysene-d12	13.88	240	432834	40.00	ng	0.00
86) Perylene-d12	15.28	264	296420	40.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	516771	45.80	ng	0.00
7) Phenol-d6	6.37	99	634629	41.75	ng	0.00
23) Nitrobenzene-d5	7.30	82	382222	29.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	102004	37.88	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	602520	35.88	ng	0.00
78) Terphenyl-d14	12.84	244	446108	20.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	52018	5.01	ng	# 69
25) Isophorone	7.30	82	345348	14.11	ng	# 68
49) Dimethylphthalate	9.49	163	64759	3.16	ng	98
50) 2,6-Dinitrotoluene	9.78	165	35162	7.98	ng	# 21
56) 2,4-Dinitrotoluene	9.78	165	35163	6.44	ng	# 16
74) Fluoranthene	12.47	202	57877	2.36	ng	94

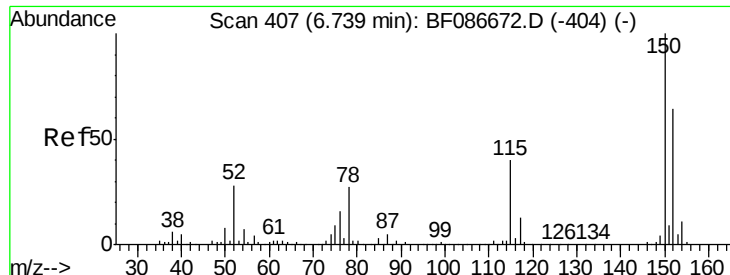
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF086701.D

Acq: 5 May 2016 2:50

Instrument :

BNA_F

ClientSampleId :

EUT01-TD-B14(0-9.5)-C

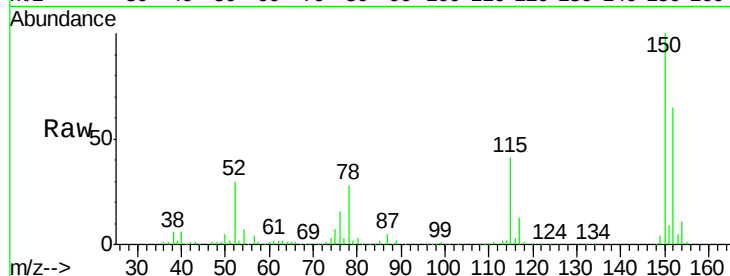
Tgt Ion:152 Resp: 186798

Ion Ratio Lower Upper

152 100

150 154.6 125.8 188.6

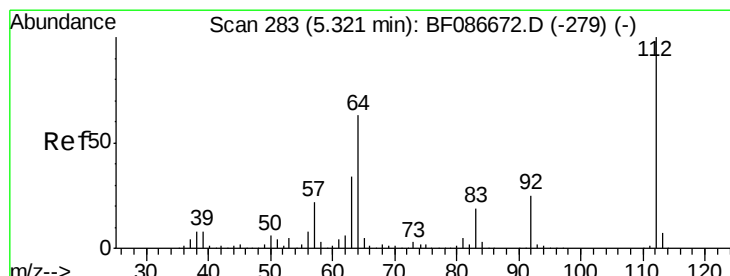
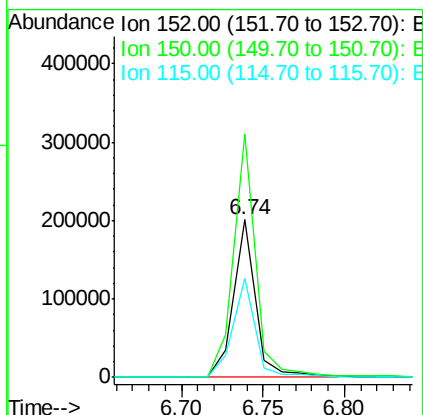
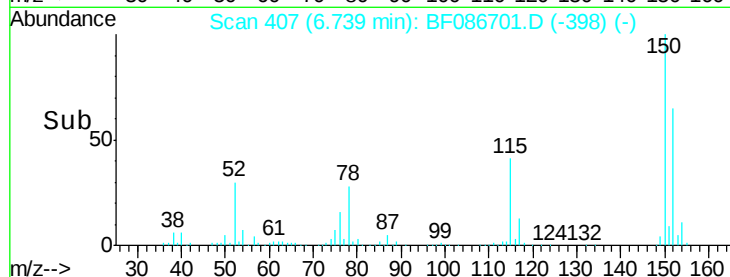
115 63.0 51.5 77.3



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: 45.80 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086701.D

Acq: 5 May 2016 2:50

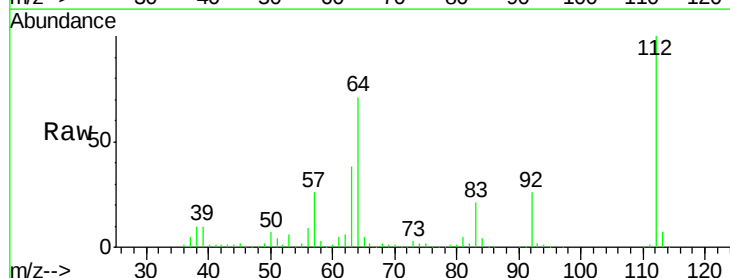
Tgt Ion:112 Resp: 516771

Ion Ratio Lower Upper

112 100

64 71.1 52.1 78.1

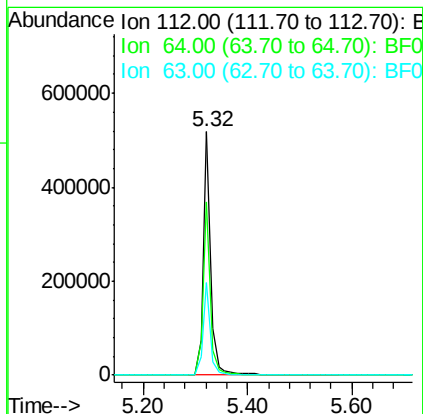
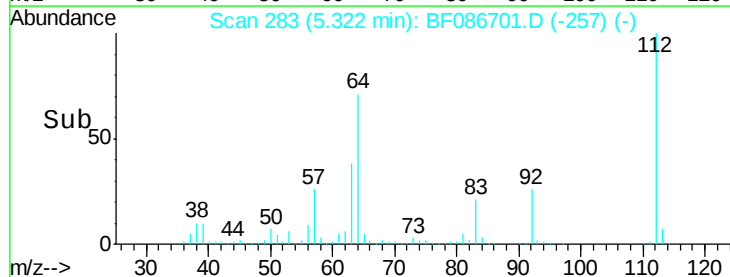
63 37.9 25.7 38.5

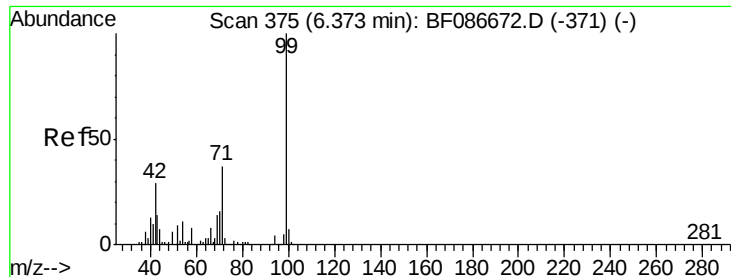


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.75 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086701.D

Acq: 5 May 2016 2:50

Instrument :

BNA_F

ClientSampleId :

EUT01-TD-B14(0-9.5)-C

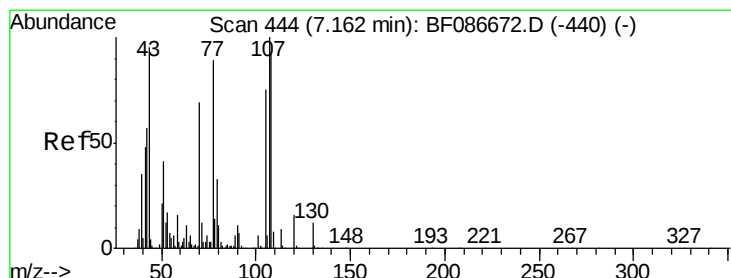
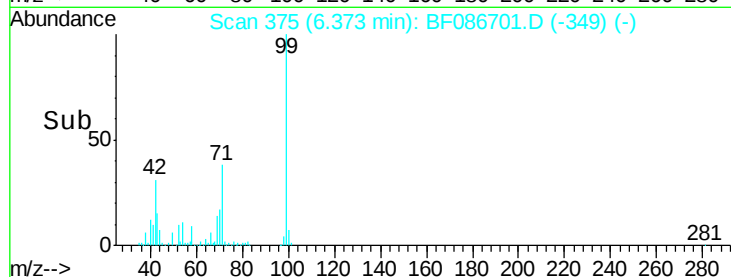
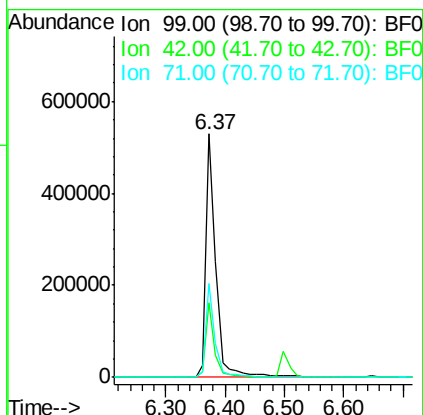
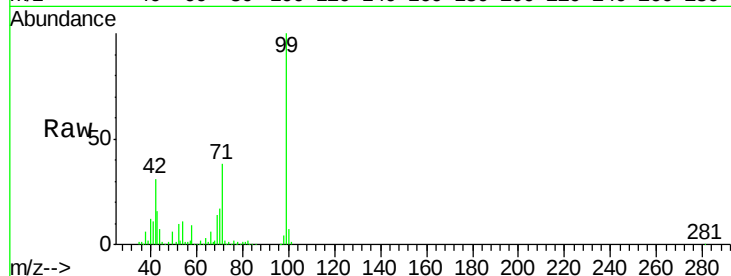
Tgt Ion: 99 Resp: 634629

Ion Ratio Lower Upper

99 100

42 30.8 13.6 20.4#

71 38.5 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 5.01 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.14 min

Lab File: BF086701.D

Acq: 5 May 2016 2:50

Tgt Ion: 70 Resp: 52018

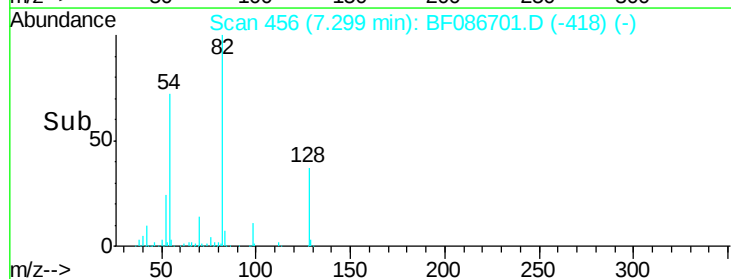
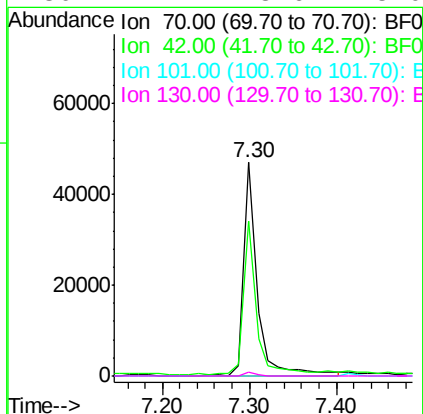
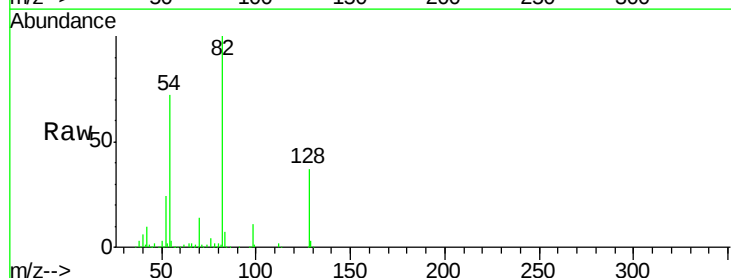
Ion Ratio Lower Upper

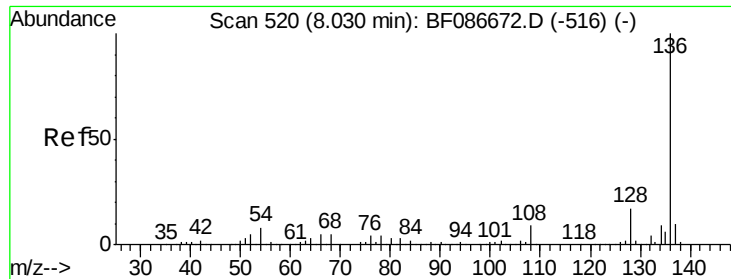
70 100

42 72.2 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

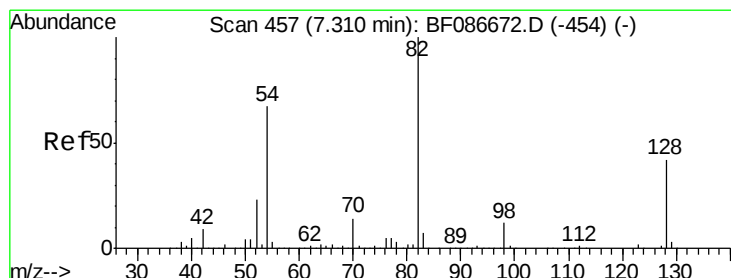
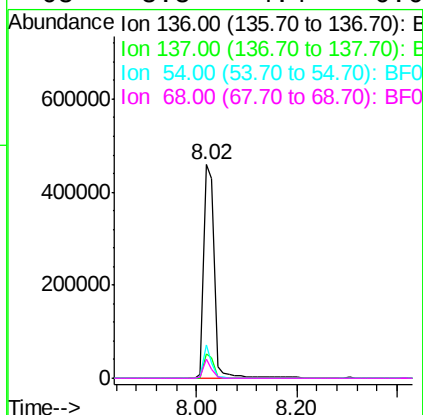
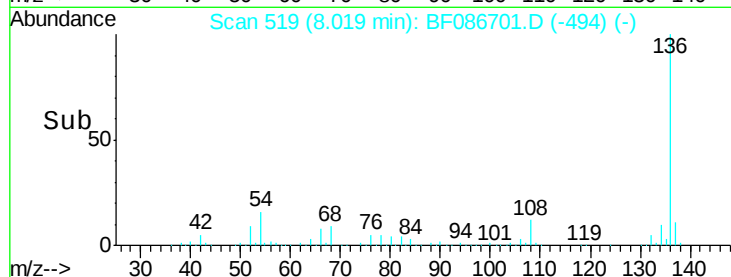
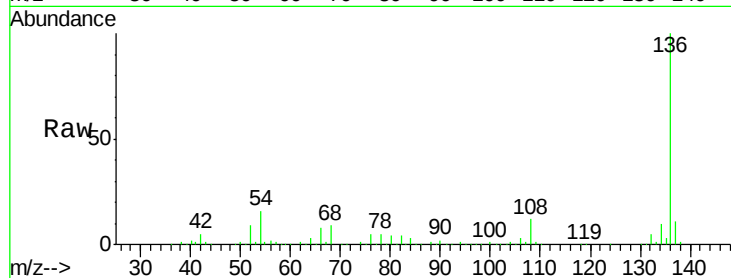




#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF086701.D
Acq: 5 May 2016 2:50

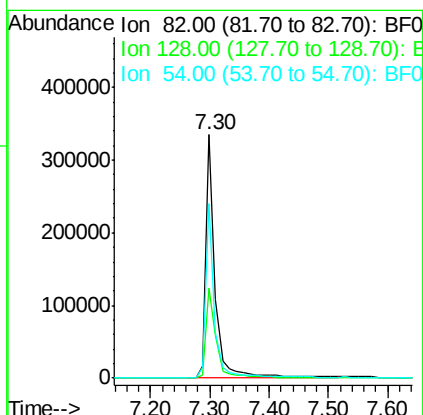
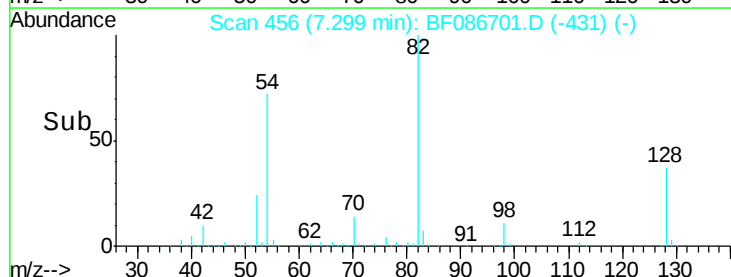
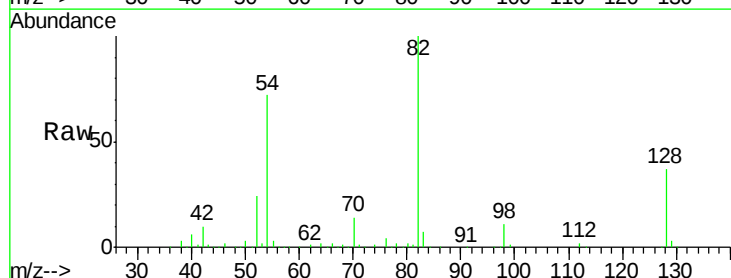
Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B14(0-9.5)-C

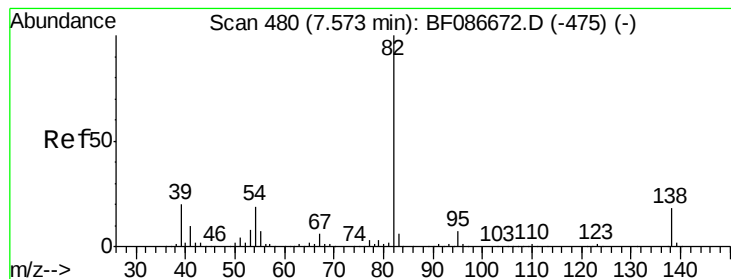
Tgt Ion:	136	Resp:	675588
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	15.8	5.0	7.4#
68	8.8	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 29.07 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF086701.D
Acq: 5 May 2016 2:50

Tgt Ion:	82	Resp:	382222
Ion Ratio	Lower	Upper	
82	100		
128	36.7	40.6	61.0#
54	71.7	38.1	57.1#





#25

Isophorone

Concen: 14.11 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.27 min

Lab File: BF086701.D

Acq: 5 May 2016 2:50

Instrument :

BNA_F

ClientSampleId :

EUT01-TD-B14(0-9.5)-C

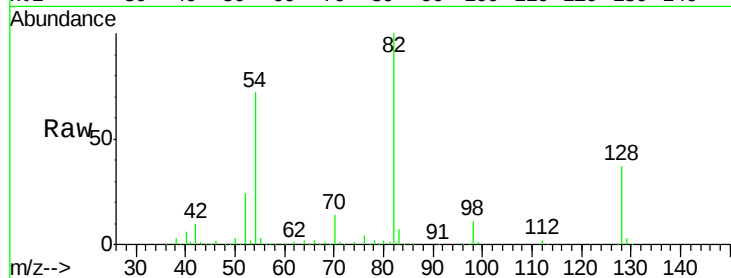
Tgt Ion: 82 Resp: 345348

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E

7.30

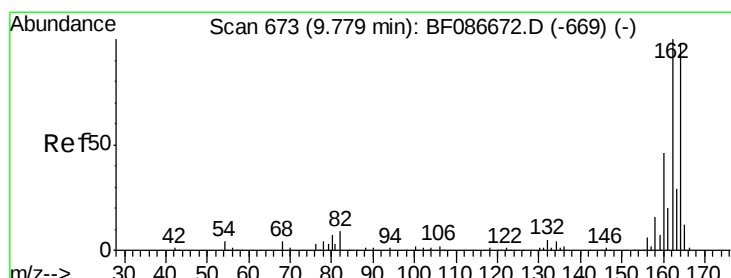
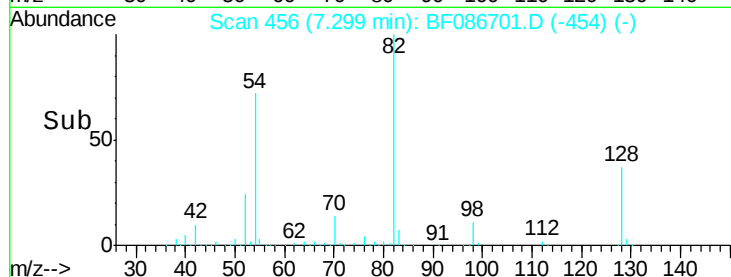
300000

200000

100000

0

Time--> 7.20 7.30 7.40 7.50



#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF086701.D

Acq: 5 May 2016 2:50

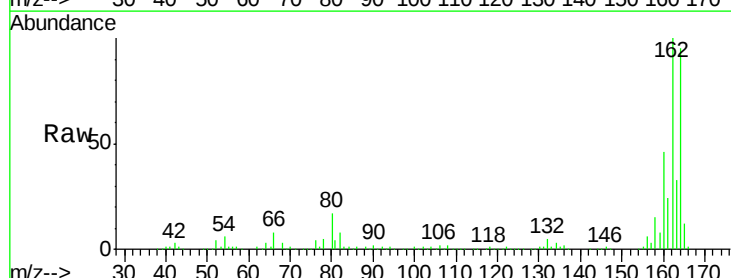
Tgt Ion: 164 Resp: 275304

Ion Ratio Lower Upper

164 100

162 105.1 82.8 124.2

160 48.4 36.9 55.3



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

9.78

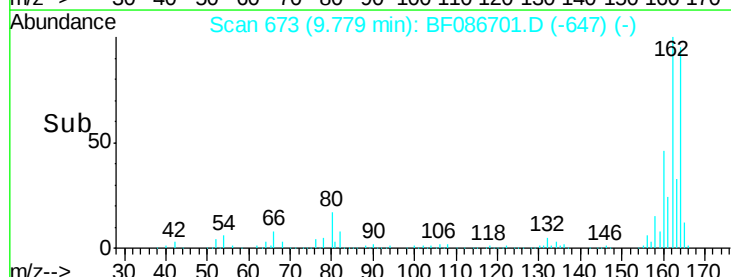
300000

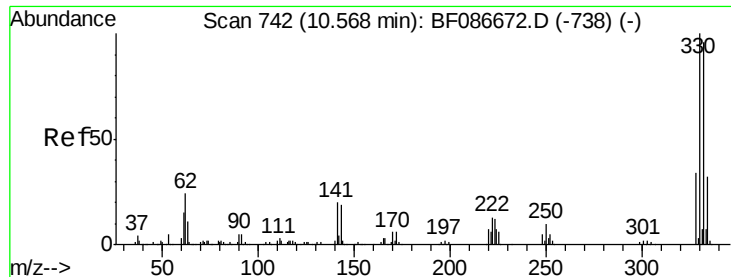
200000

100000

0

Time--> 9.70 9.80 9.90 10.00

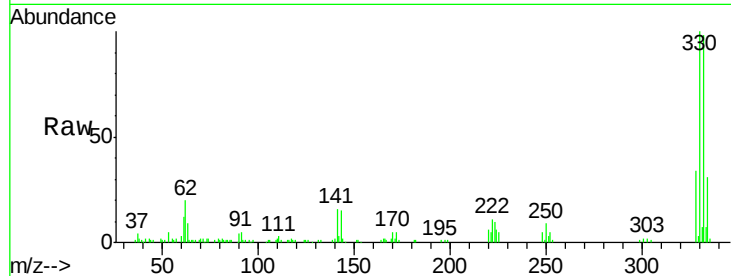




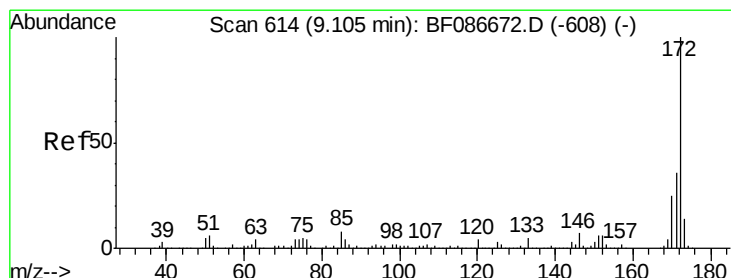
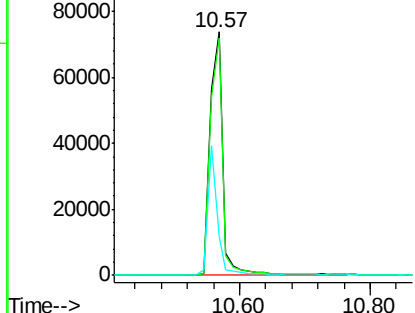
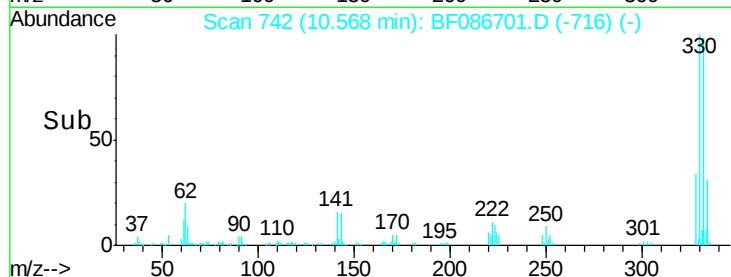
#41
 2,4,6-Tribromophenol
 Concen: 37.88 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF086701.D
 Acq: 5 May 2016 2:50

Instrument :
 BNA_F
 ClientSampleId :
 EUT01-TD-B14(0-9.5)-C

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.0	118.4
141	39.1	31.2	46.8

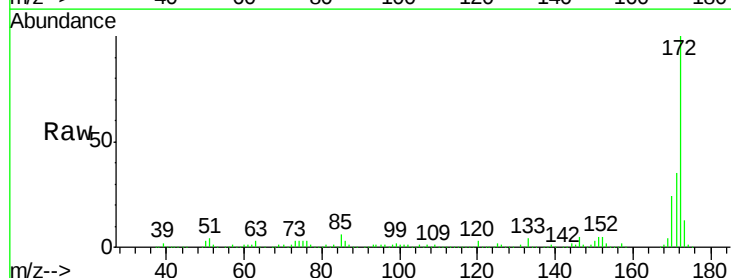


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

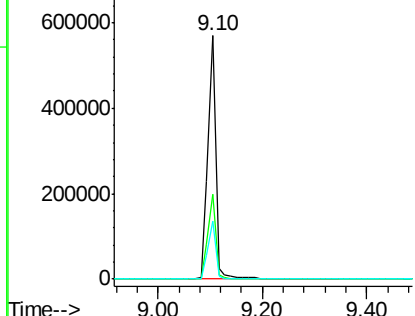
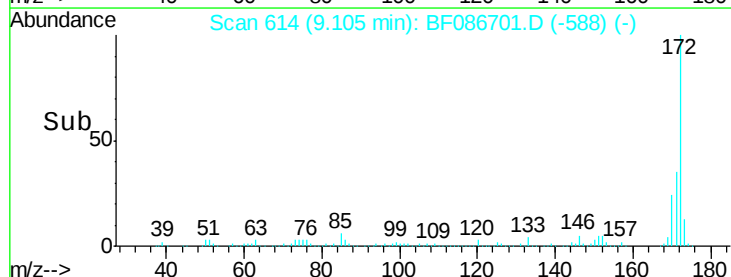


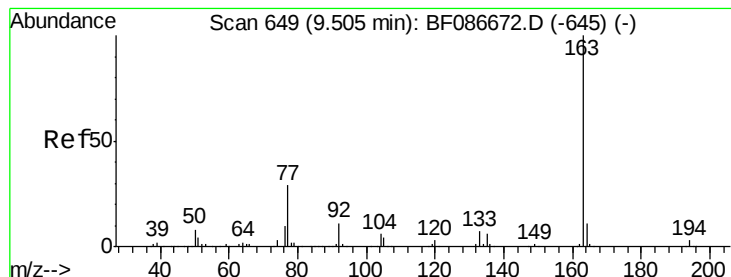
#44
 2-Fluorobiphenyl
 Concen: 35.88 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF086701.D
 Acq: 5 May 2016 2:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.0	43.6
170	23.8	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: 3.16 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF086701.D

Acq: 5 May 2016 2:50

Instrument :

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ClientSampleId :

EUT01-TD-B14(0-9.5)-C

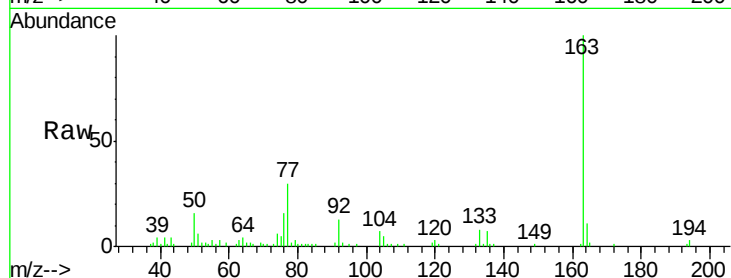
Tgt Ion:163 Resp: 64759

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

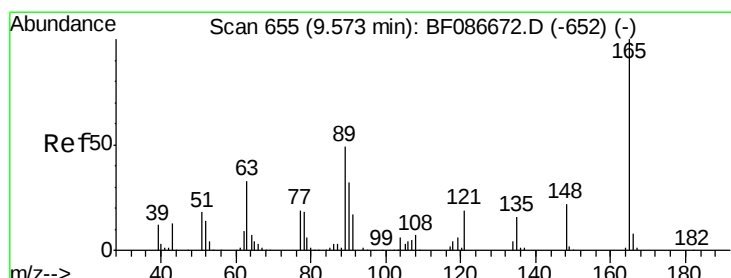
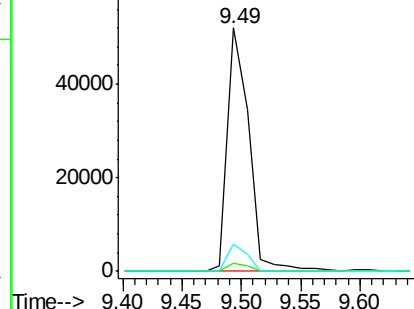
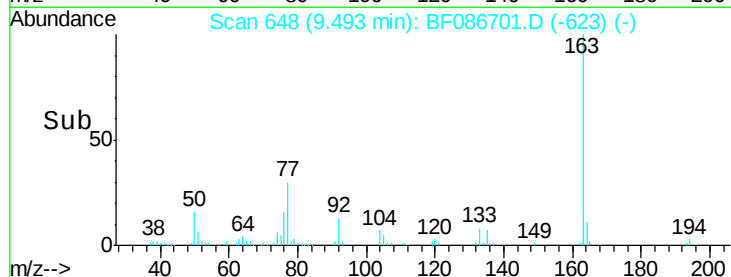
164 11.4 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 7.98 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.21 min

Lab File: BF086701.D

Acq: 5 May 2016 2:50

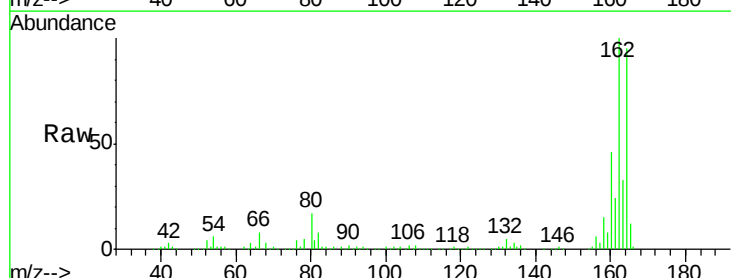
Tgt Ion:165 Resp: 35162

Ion Ratio Lower Upper

165 100

63 2.1 51.8 77.8#

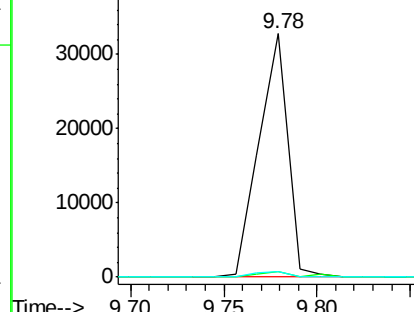
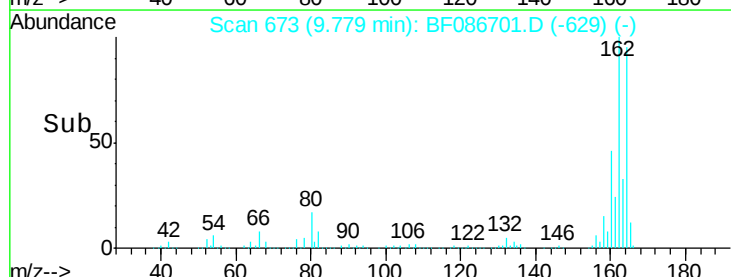
89 2.3 50.7 76.1#

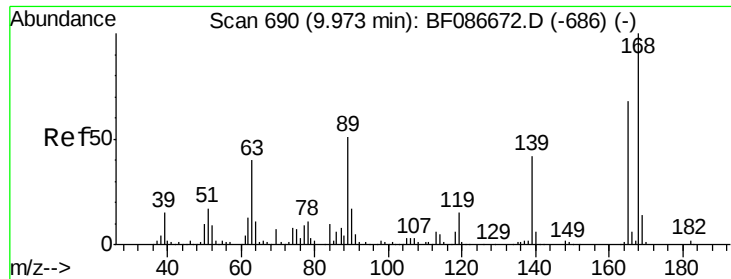


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

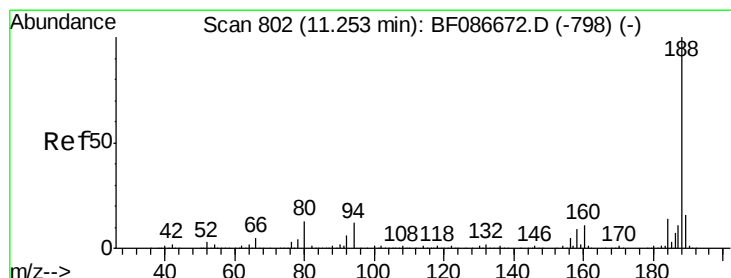
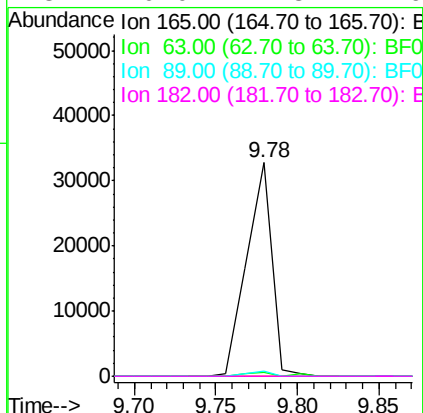
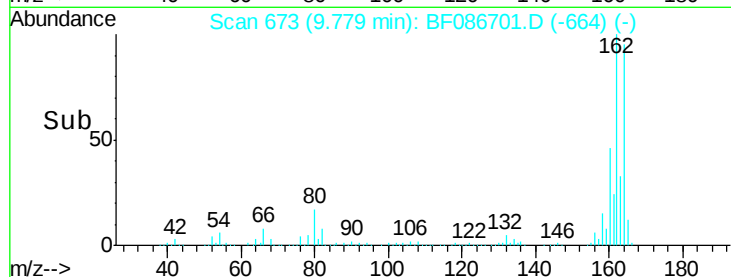
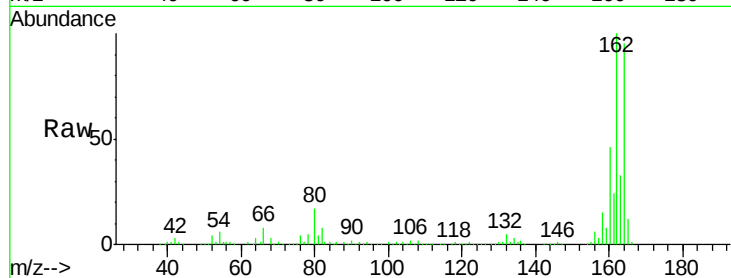




#56
 2,4-Dinitrotoluene
 Concen: 6.44 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.19 min
 Lab File: BF086701.D
 Acq: 5 May 2016 2:50

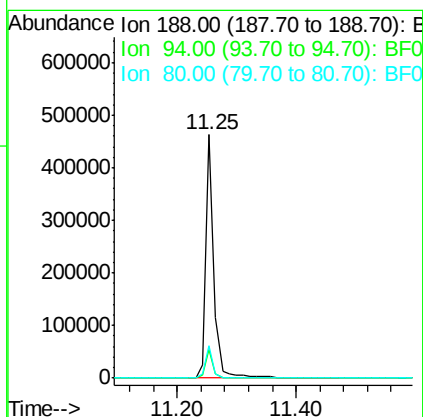
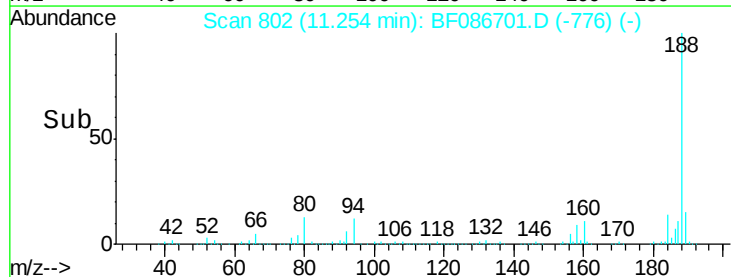
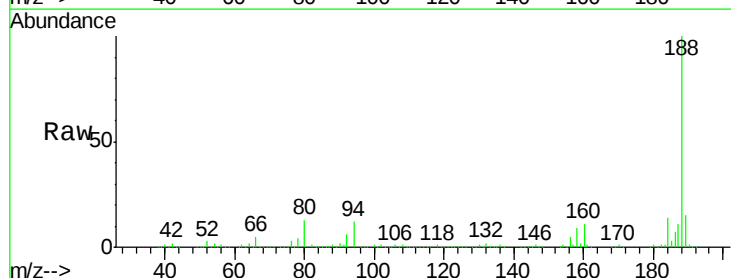
Instrument :
 BNA_F
 ClientSampleId :
 EUT01-TD-B14(0-9.5)-C

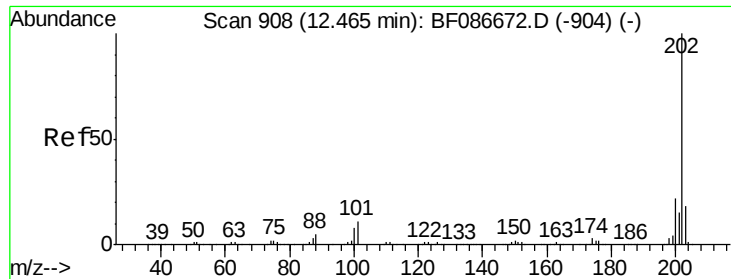
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.3	66.5#
89	2.3	70.0	105.0#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF086701.D
 Acq: 5 May 2016 2:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.0	6.8	10.2#
80	13.2	7.1	10.7#

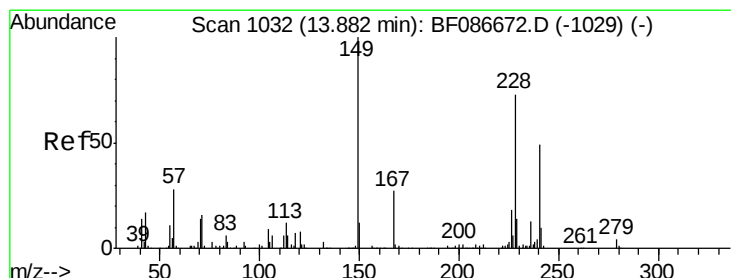
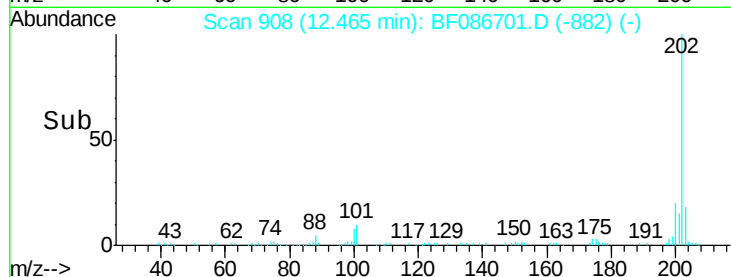
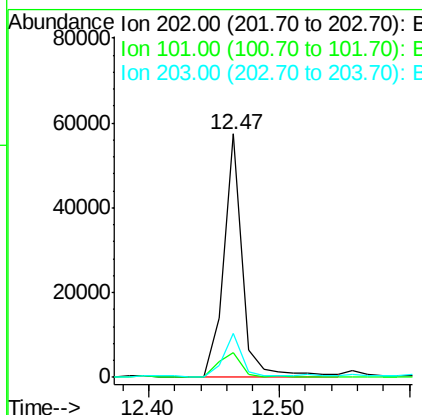
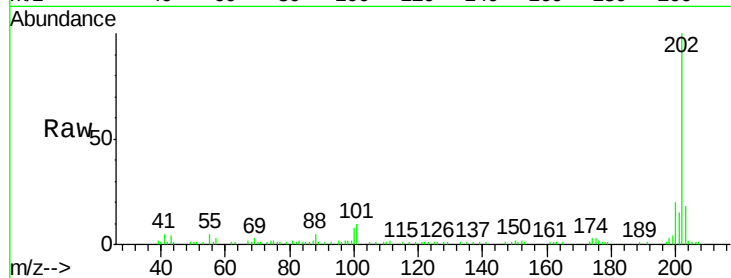




#74
 Fluoranthene
 Concen: 2.36 ng
 RT: 12.47 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BF086701.D
 Acq: 5 May 2016 2:50

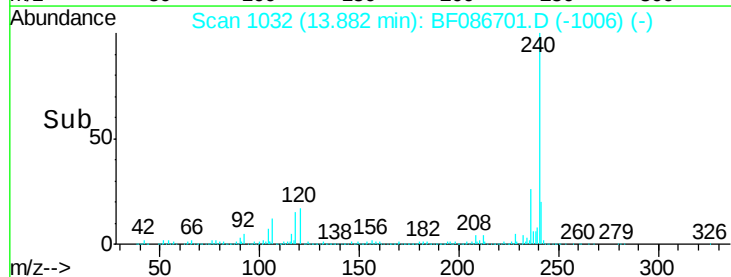
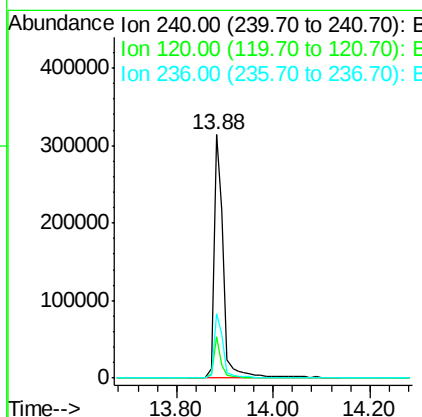
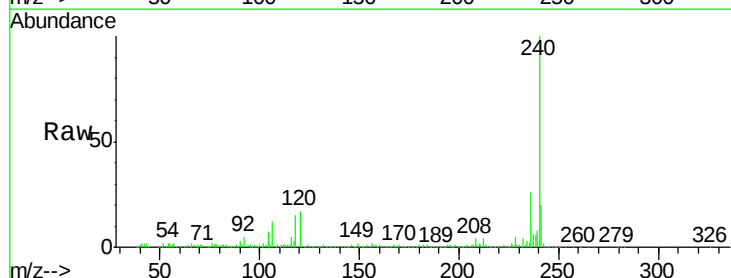
Instrument :
 BNA_F
 ClientSampleId :
 EUT01-TD-B14(0-9.5)-C

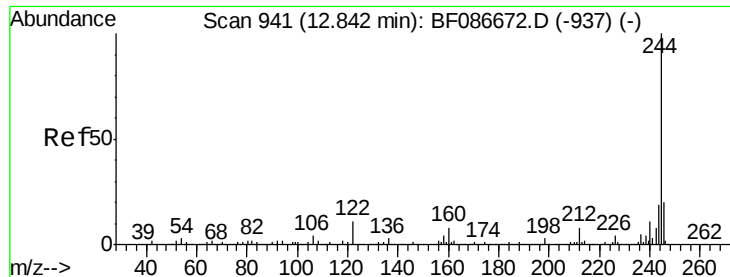
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	57877		
101	9.9		0.0	35.4
203	18.0		0.0	38.1



#75
 Chrysene-d12
 Concen: 40.00 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF086701.D
 Acq: 5 May 2016 2:50

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	432834		
120	17.1		11.2	16.8#
236	26.4		21.2	31.8

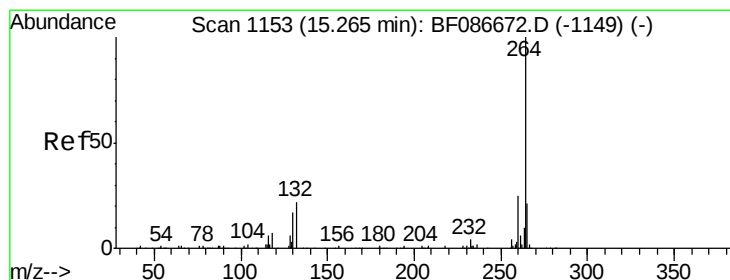
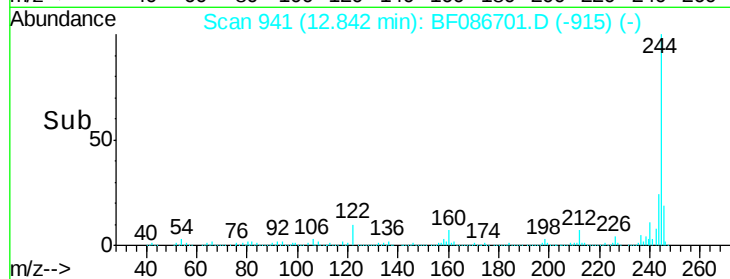
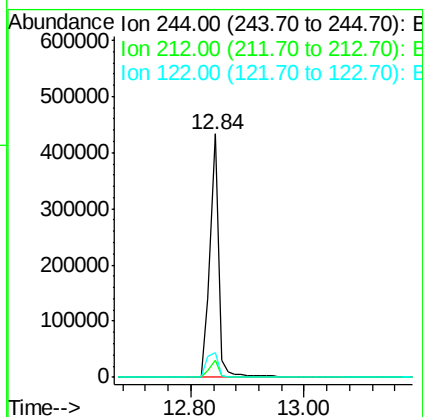
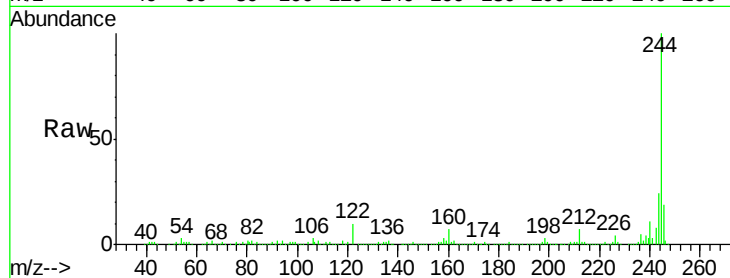




#78
 Terphenyl-d14
 Concen: 20.83 ng
 RT: 12.84 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: BF086701.D
 Acq: 5 May 2016 2:50

Instrument :
 BNA_F
 ClientSampleId :
 EUT01-TD-B14(0-9.5)-C

Tgt Ion:244 Resp: 446108
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 10.0 12.0 18.0#



#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BF086701.D
 Acq: 5 May 2016 2:50

Tgt Ion:264 Resp: 296420
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 22.0 17.3 25.9

