

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
 Data File : BF086703.D
 Acq On : 5 May 2016 3:47
 Operator : UM/SJ
 Sample : H2829-09 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EUT01-TD-B4(0-5)-C

Manual Integrations
 APPROVED

sohil
 5/5/2016 3:19:44 PM

Quant Time: May 05 05:48:07 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	151339	40.00	ng	0.00
21) Naphthalene-d8	8.03	136	551713	40.00	ng	0.00
38) Acenaphthene-d10	9.78	164	228616	40.00	ng	0.00
63) Phenanthrene-d10	11.25	188	361090m	40.00	ng	0.00
75) Chrysene-d12	13.89	240	326120	40.00	ng	0.01
86) Perylene-d12	15.28	264	223525	40.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	388411	42.49	ng	0.00
7) Phenol-d6	6.37	99	487056	39.55	ng	0.00
23) Nitrobenzene-d5	7.30	82	286403	26.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	81333	36.37	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	486776	34.90	ng	0.00
78) Terphenyl-d14	12.84	244	393722	24.40	ng	0.00

Target Compounds Qvalue

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

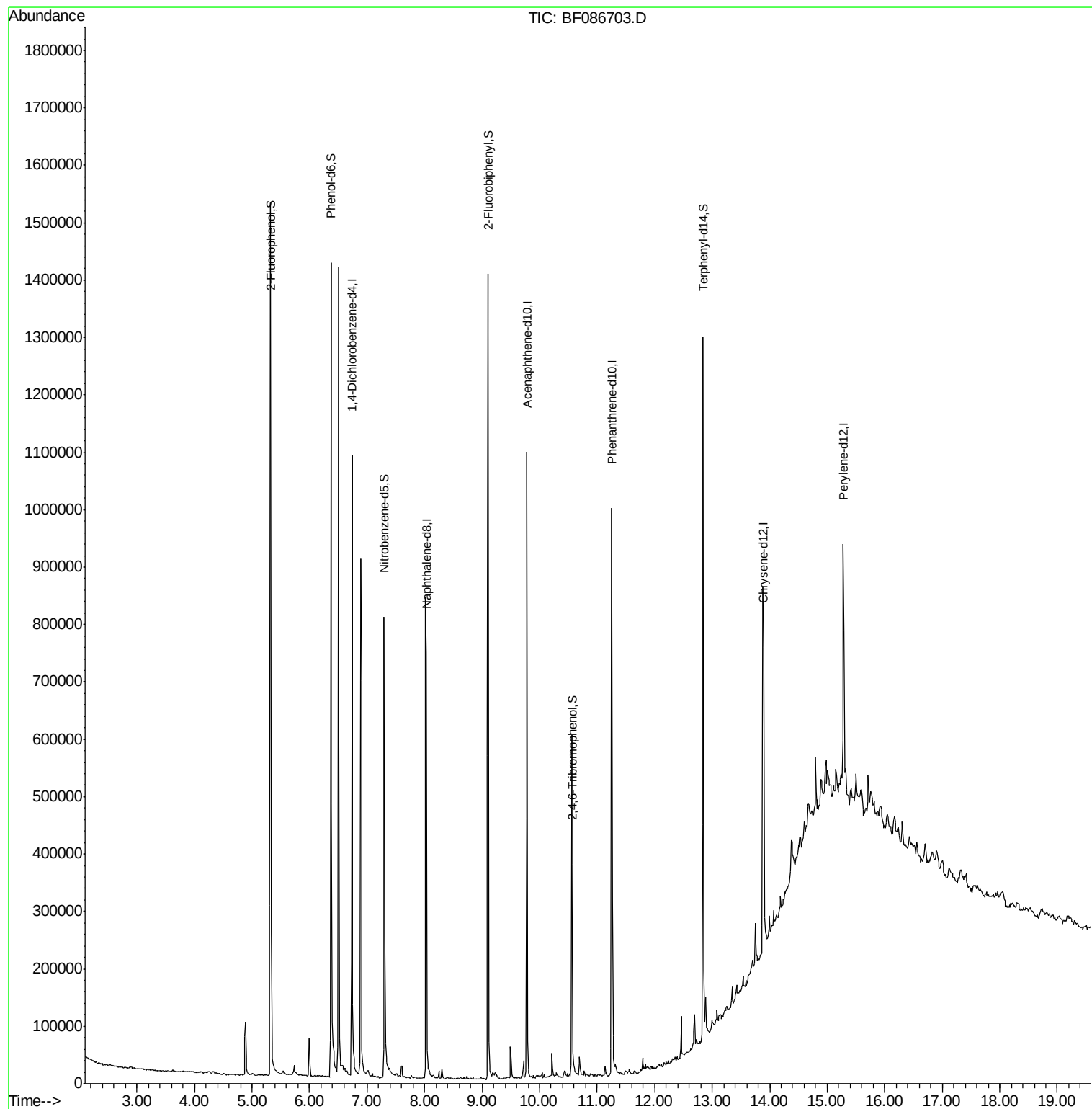
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
Data File : BF086703.D
Acq On : 5 May 2016 3:47
Operator : UM/SJ
Sample : H2829-09 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

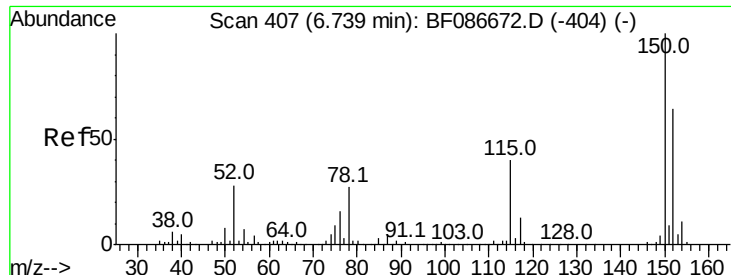
Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B4(0-5)-C

Manual Integrations
APPROVED

sohil
5/5/2016 3:19:44 PM

Quant Time: May 05 05:48:07 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





#1

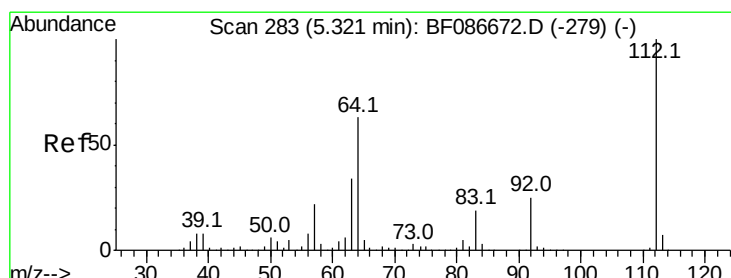
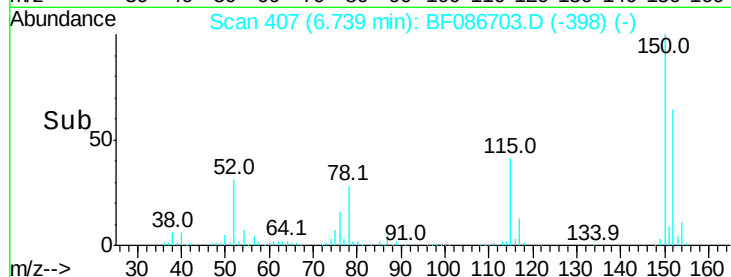
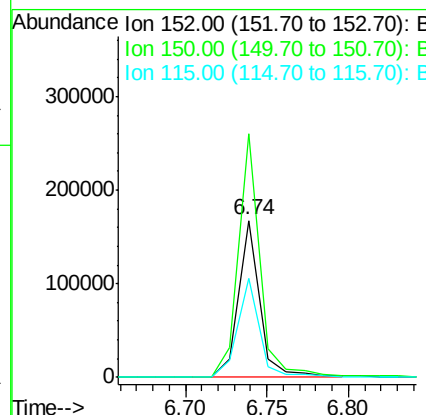
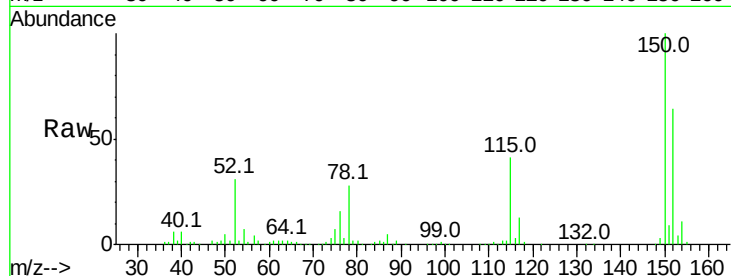
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF086703.D
Acq: 5 May 2016 3:47

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B4(0-5)-C

Tot Ion	Ratio	Resp	Lower	Upper
152	100	151339		
150	155.5	125.8	188.6	
115	63.4	51.5	77.3	

Manual Integrations
APPROVED

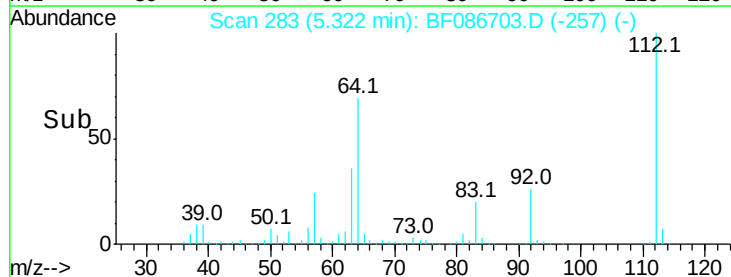
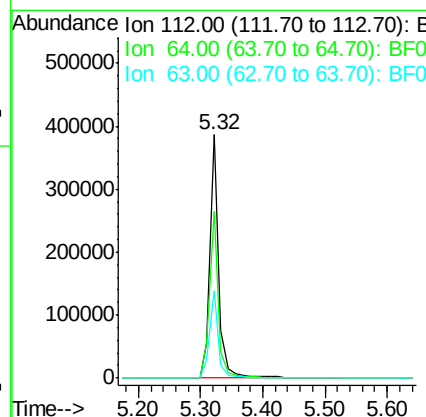
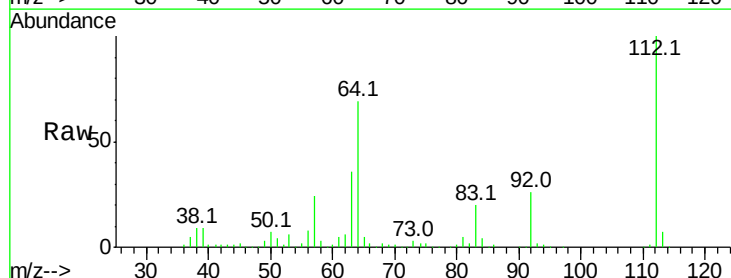
sohil
5/5/2016 3:19:44 PM

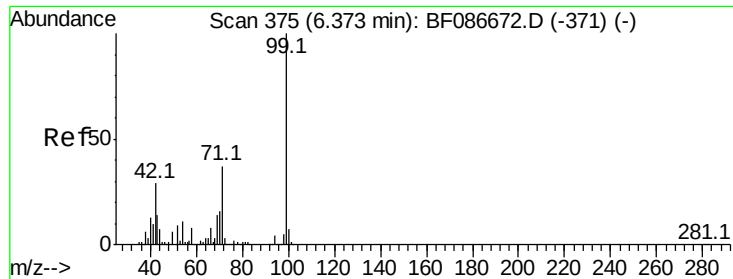


#5

2-Fluorophenol
Concen: 42.49 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.00 min
Lab File: BF086703.D
Acq: 5 May 2016 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	388411		
64	68.6	52.1	78.1	
63	36.1	25.7	38.5	





#7

Phenol-d6

Concen: 39.55 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086703.D

Acq: 5 May 2016 3:47

Instrument :

BNA_F

ClientSampleId :

EUT01-TD-B4(0-5)-C

Tot Ion: 99 Resp: 487056

Ion Ratio Lower Upper

99 100

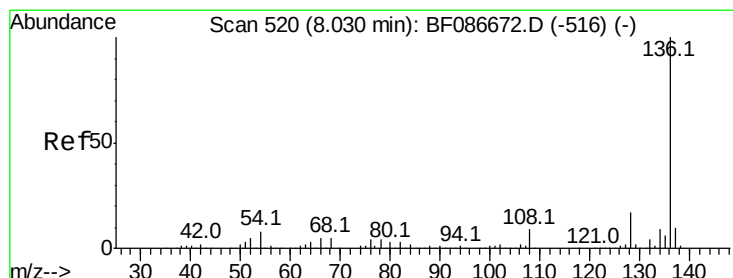
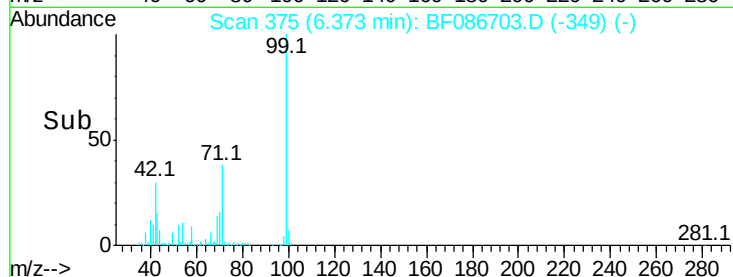
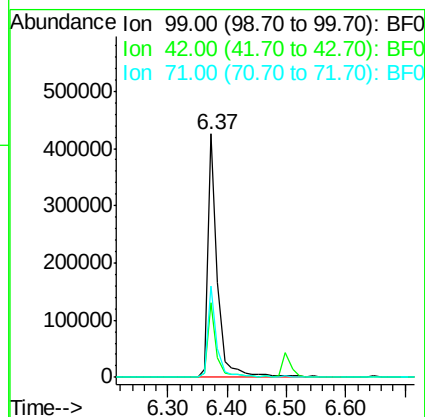
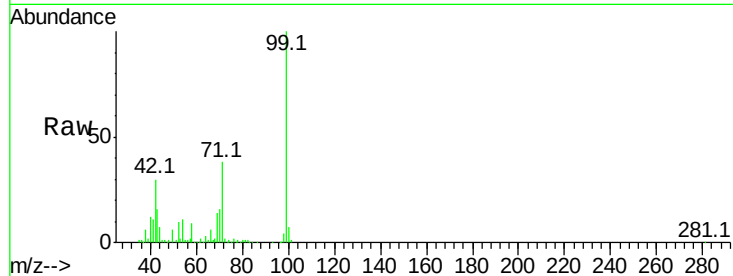
42 30.4 13.6 20.4#

71 37.6 24.6 36.8#

Manual Integrations
APPROVED

sohil

5/5/2016 3:19:44 PM



#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF086703.D

Acq: 5 May 2016 3:47

Tgt Ion: 136 Resp: 551713

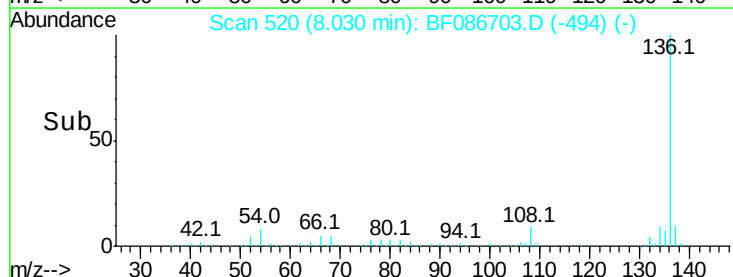
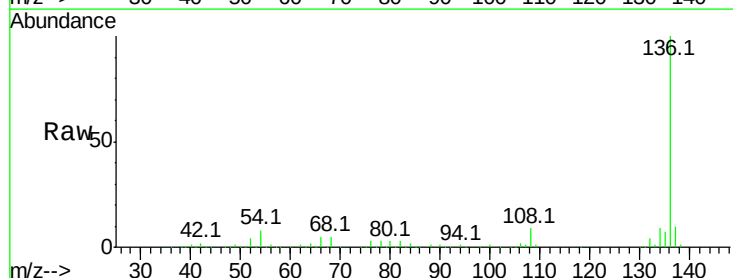
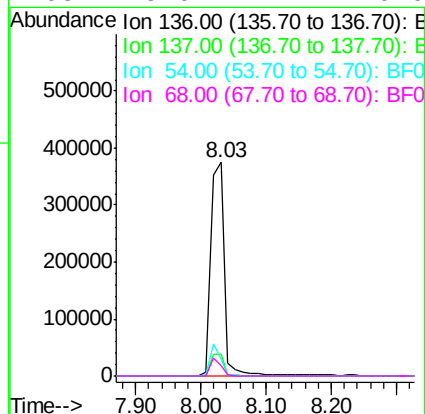
Ion Ratio Lower Upper

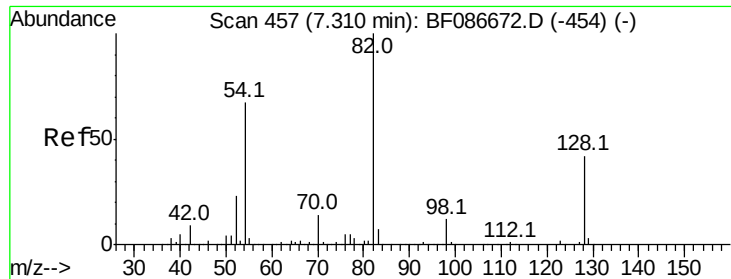
136 100

137 10.3 8.8 13.2

54 7.9 5.0 7.4#

68 5.0 4.4 6.6





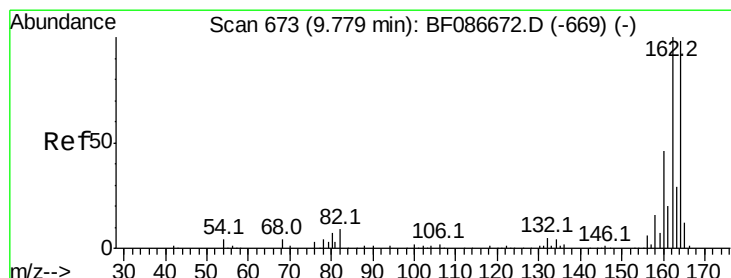
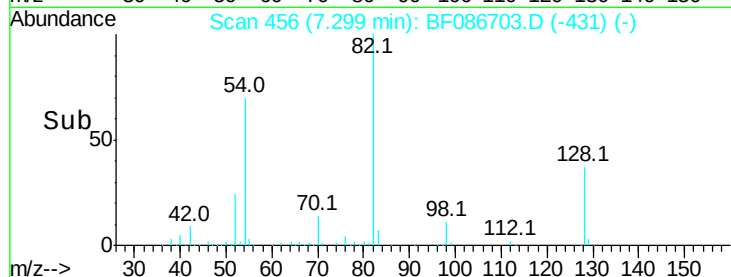
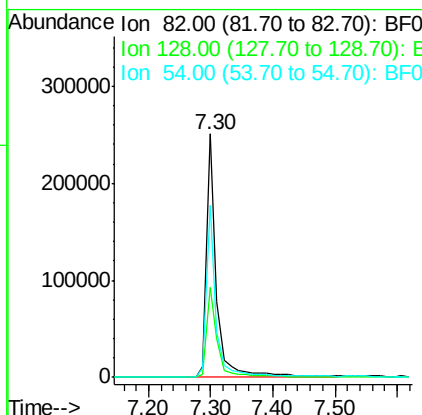
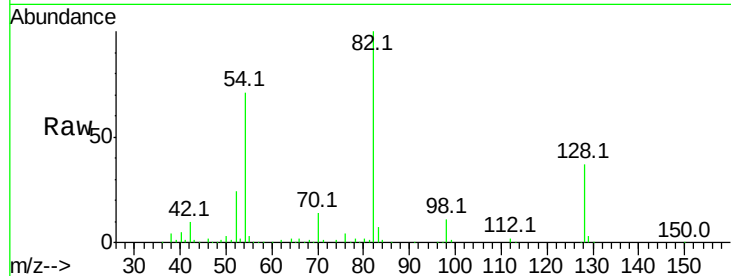
#23
Nitrobenzene-d5
Concen: 26.68 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF086703.D
Acq: 5 May 2016 3:47

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B4(0-5)-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.0	40.6	61.0#
54	70.6	38.1	57.1#

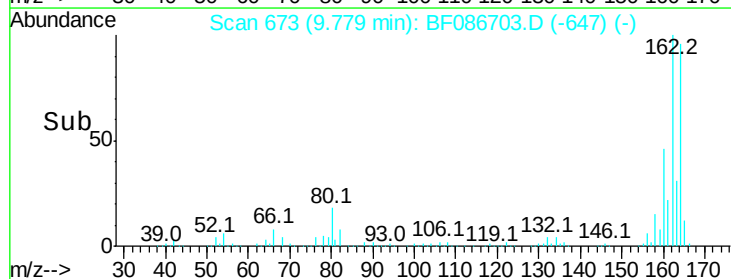
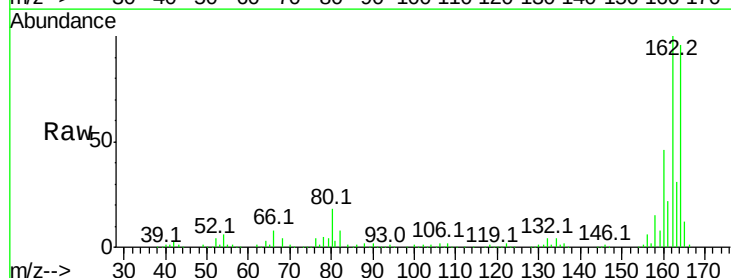
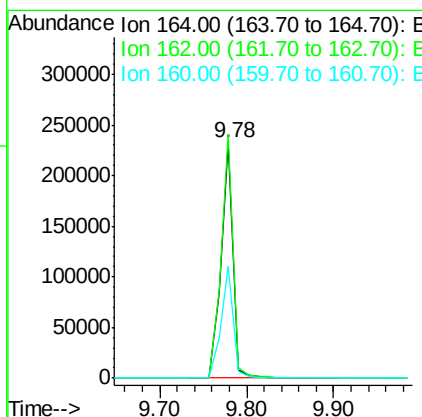
Manual Integrations
APPROVED

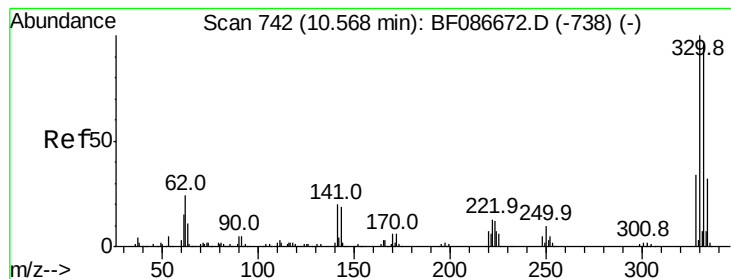
sohil
5/5/2016 3:19:44 PM



#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF086703.D
Acq: 5 May 2016 3:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.8	124.2
160	47.4	36.9	55.3





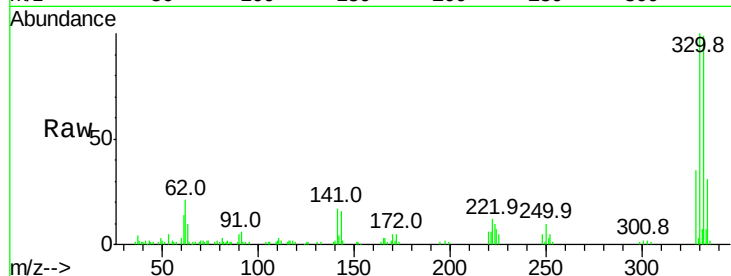
#41
 2,4,6-Tribromophenol
 Concen: 36.37 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF086703.D
 Acq: 5 May 2016 3:47

Instrument :
 BNA_F
 ClientSampleId :
 EUT01-TD-B4(0-5)-C

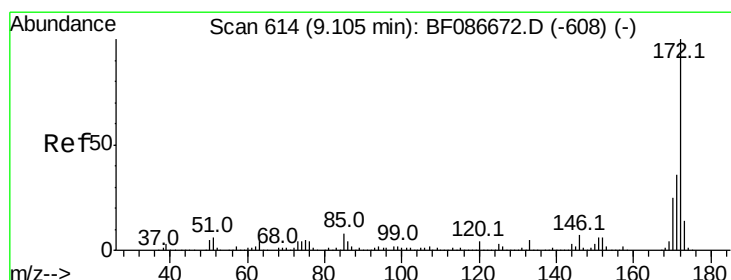
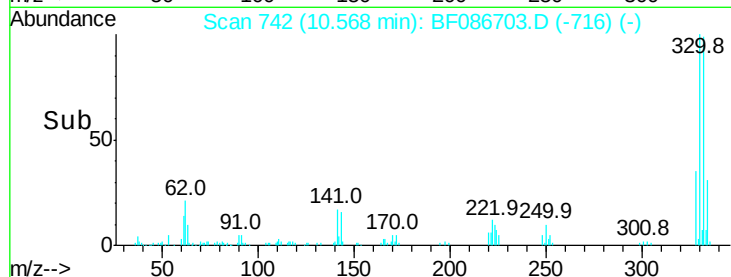
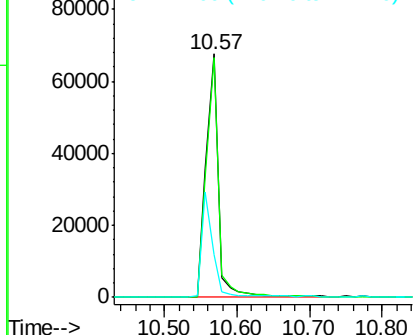
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.6	79.0	118.4	
141	39.5	31.2	46.8	

Manual Integrations
 APPROVED

sohil
 5/5/2016 3:19:44 PM

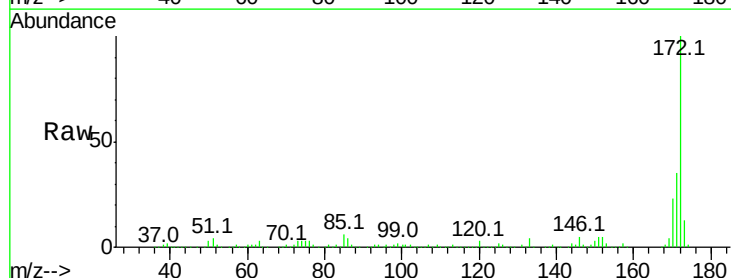


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

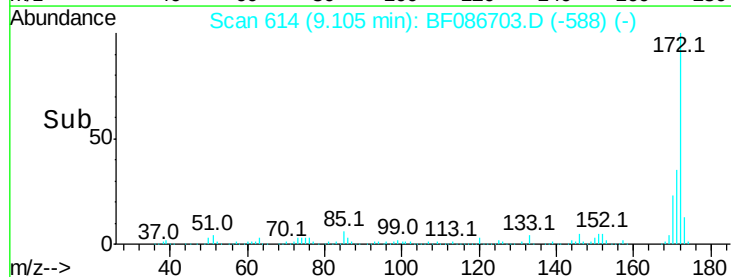
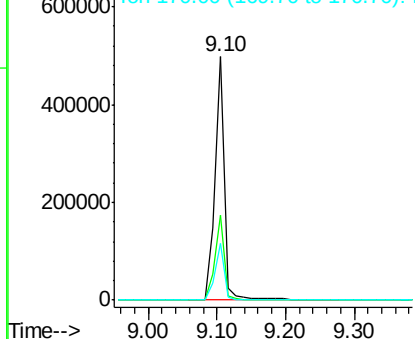


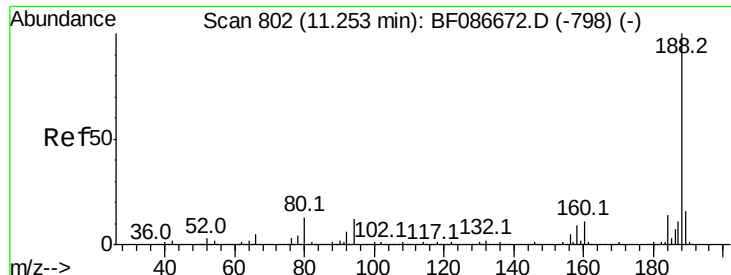
#44
 2-Fluorobiphenyl
 Concen: 34.90 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF086703.D
 Acq: 5 May 2016 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.0	29.0	43.6	
170	23.2	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





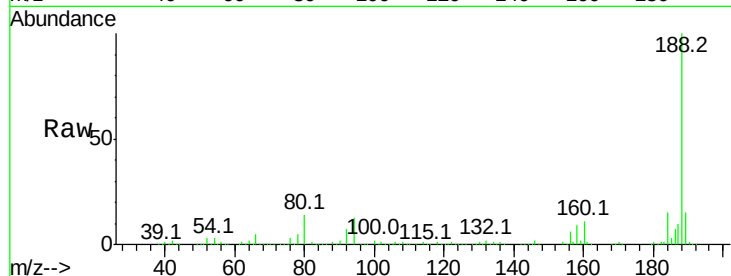
#63
Phenanthrene-d10
Concen: 40.00 ng m
RT: 11.25 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF086703.D
Acq: 5 May 2016 3:47

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B4(0-5)-C

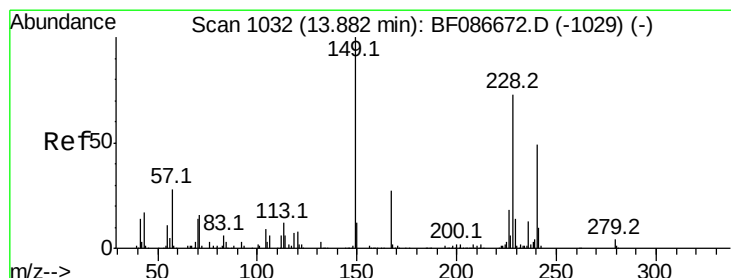
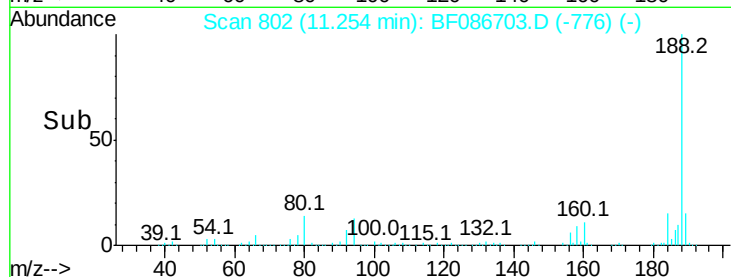
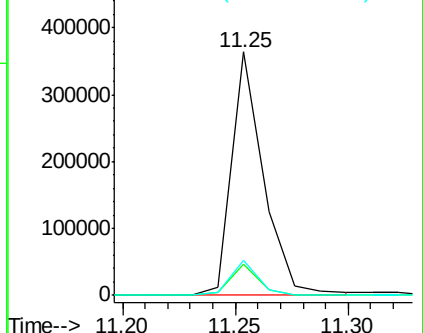
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.7	6.8	10.2#
80	14.2	7.1	10.7#

Manual Integrations
APPROVED

sohil
5/5/2016 3:19:44 PM



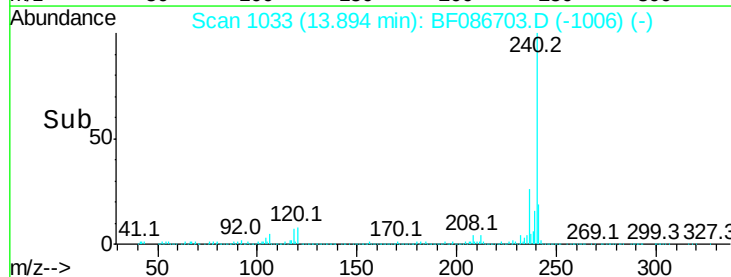
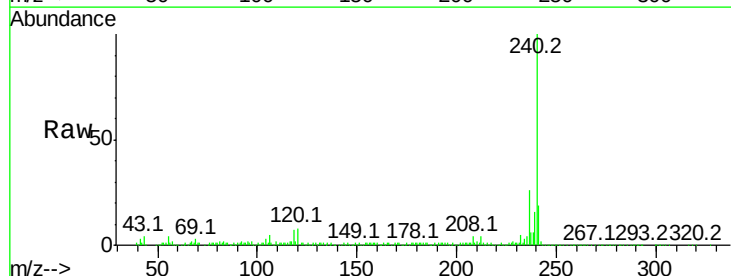
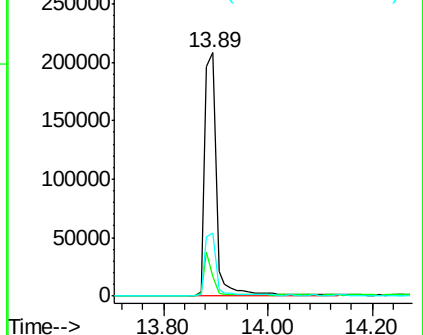
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

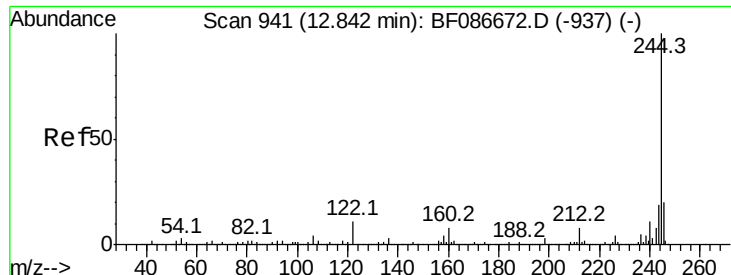


#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF086703.D
Acq: 5 May 2016 3:47

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.9	11.2	16.8#
236	25.8	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: 24.40 ng

RT: 12.84 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF086703.D

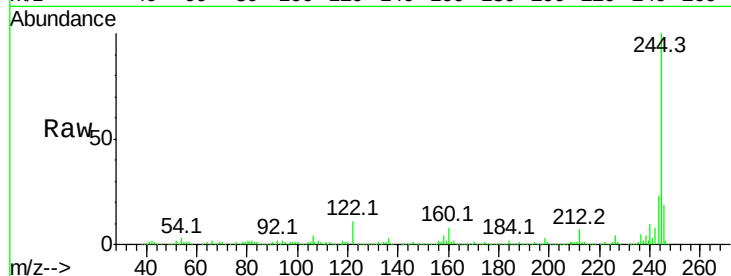
Acq: 5 May 2016 3:47

Instrument :

BNA_F

ClientSampleId :

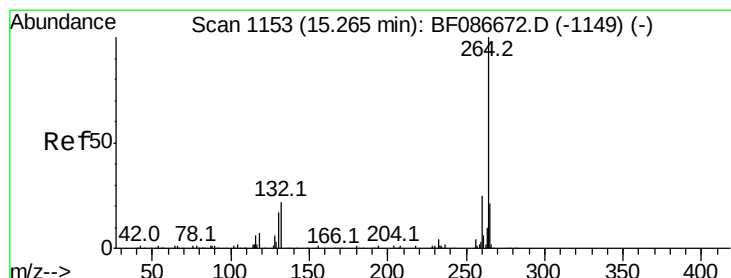
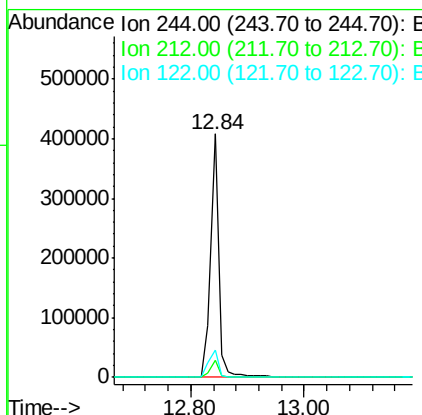
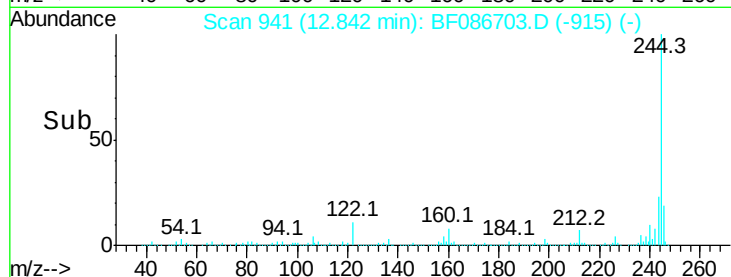
EUT01-TD-B4(0-5)-C



Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	11.1	12.0	18.0#

Manual Integrations
APPROVED

sohil
5/5/2016 3:19:44 PM



#86

Perylene-d12

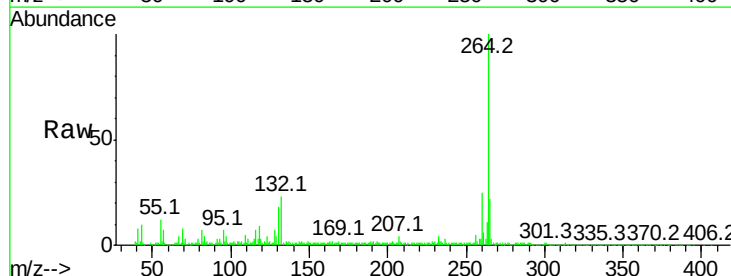
Concen: 40.00 ng

RT: 15.28 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF086703.D

Acq: 5 May 2016 3:47



Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	22.2	17.3	25.9

