

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF085001.D
 Acq On : 10 Feb 2016 19:04
 Operator : SJ/IZ
 Sample : H1386-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B001(1-3)

Manual Integrations
 APPROVED

UMANGI
 2/11/2016 10:46:53 AM

Quant Time: Feb 11 00:44:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	152712	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	607303	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	254197	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	436292	20.00	ng	0.00
75) Chrysene-d12	13.77	240	317964	20.00	ng	0.00
86) Perylene-d12	15.13	264	271401	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1317109	134.34	ng	0.02
7) Phenol-d6	6.28	99	1467275	120.72	ng	0.00
23) Nitrobenzene-d5	7.20	82	1036561	96.15	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	324892	122.53	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	1385391	95.91	ng	0.00
78) Terphenyl-d14	12.73	244	1021228	72.78	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.39	163	428100	22.11	ng	Qvalue # 91
74) Fluoranthene	12.34	202	76259	3.11	ng	96
77) Pyrene	12.57	202	62068	2.55	ng	99

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

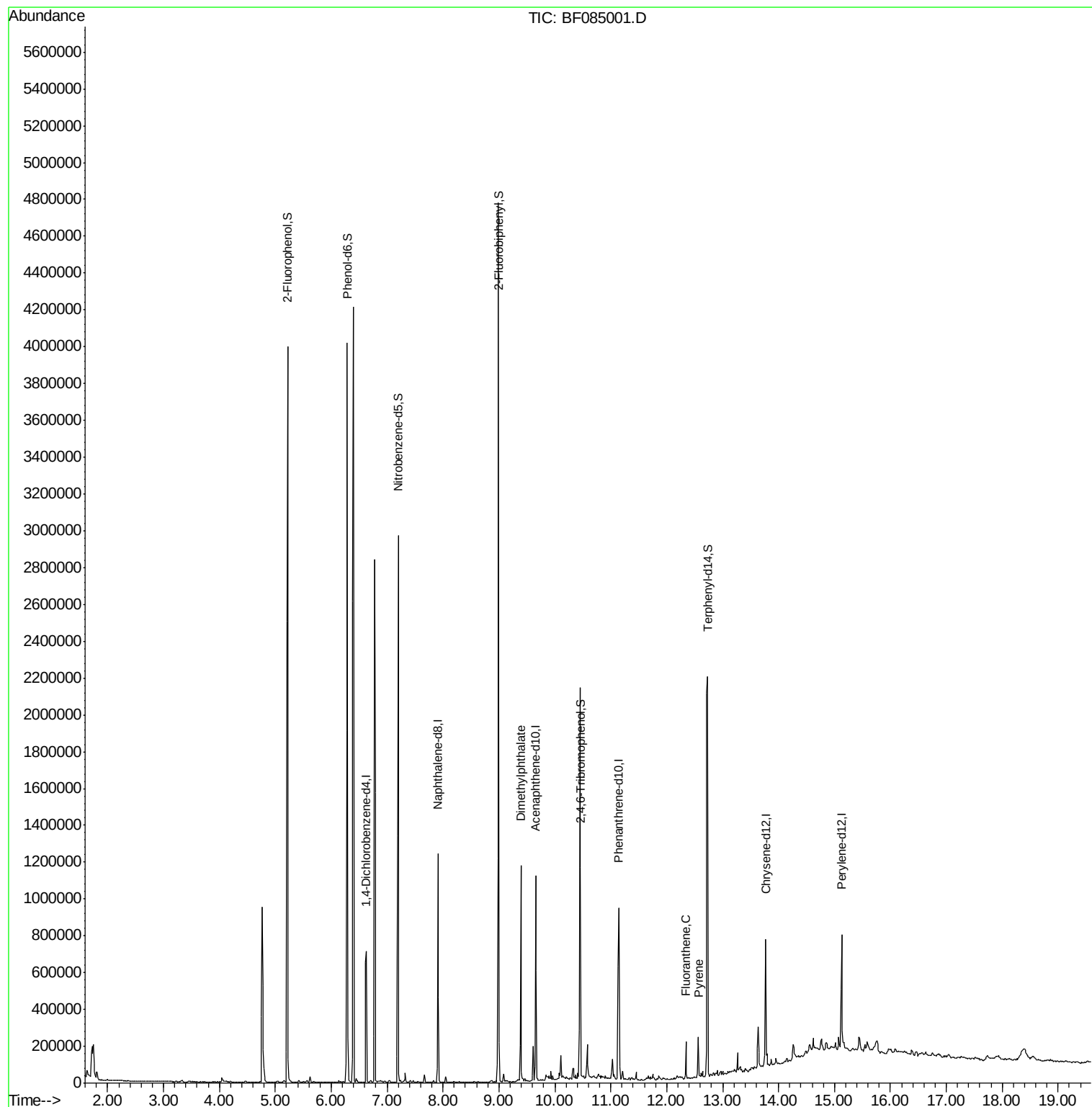
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF085001.D
Acq On : 10 Feb 2016 19:04
Operator : SJ/IZ
Sample : H1386-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

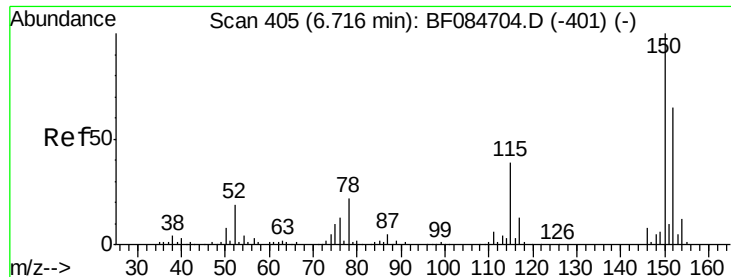
Instrument :
BNA_F
ClientSampleId :
S4-B001(1-3)

Manual Integrations
APPROVED

UMANGI
2/11/2016 10:46:53 AM

Quant Time: Feb 11 00:44:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration





#1

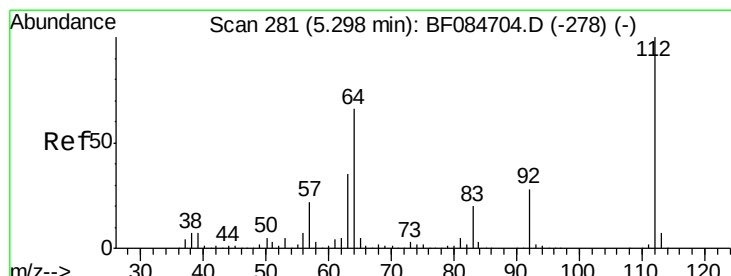
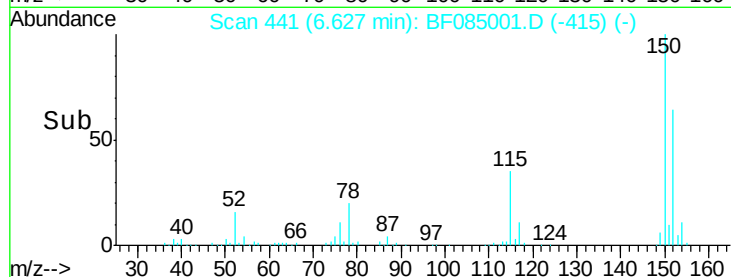
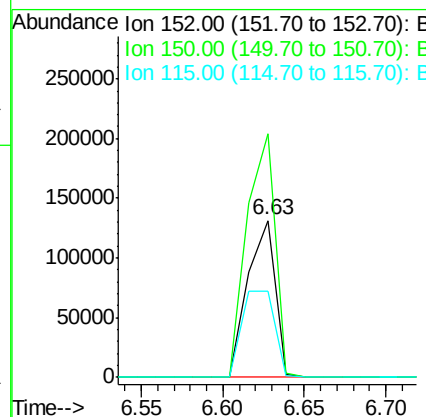
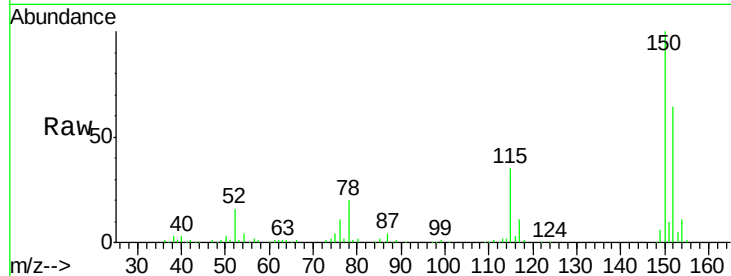
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF085001.D
Acq: 10 Feb 2016 19:04

Instrument :
BNA_F
ClientSampleId :
S4-B001(1-3)

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	152712		
150	155.2	123.0	184.4	
115	55.0	51.4	77.2	

Manual Integrations
APPROVED

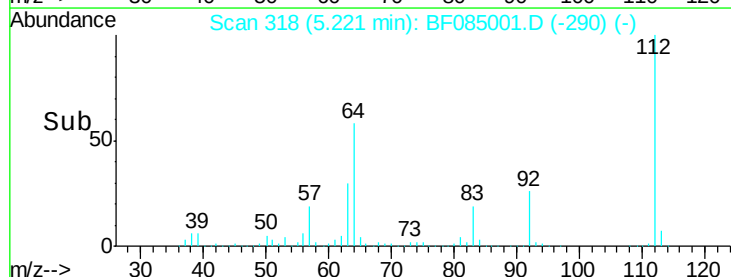
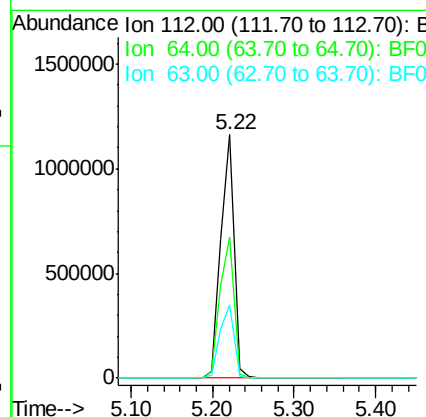
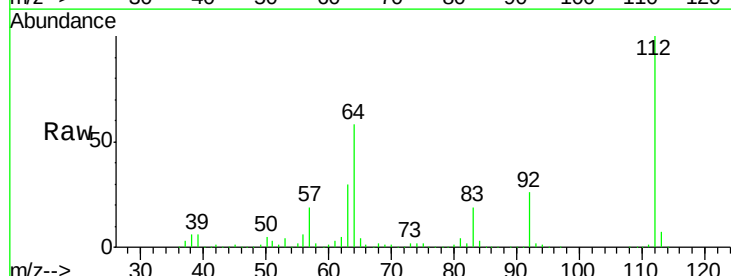
UMANGI
2/11/2016 10:46:53 AM

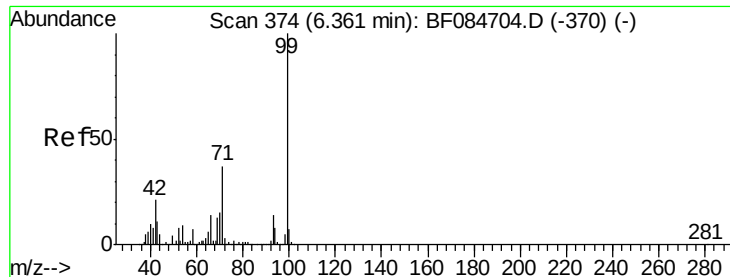


#5

2-Fluorophenol
Concen: 134.34 ng
RT: 5.22 min Scan# 318
Delta R.T. 0.02 min
Lab File: BF085001.D
Acq: 10 Feb 2016 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1317109		
64	58.0	36.6	55.0#	
63	30.4	19.4	29.0#	





#7

Phenol-d6

Concen: 120.72 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF085001.D

Acq: 10 Feb 2016 19:04

Instrument :

BNA_F

ClientSampleId :

S4-B001(1-3)

Tgt Ion: 99 Resp: 1467275

Ion Ratio Lower Upper

99 100

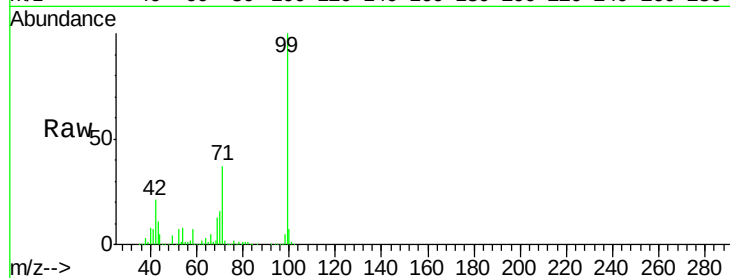
42 20.5 12.8 19.2#

71 37.3 30.9 46.3

Manual Integrations
APPROVED

UMANGI

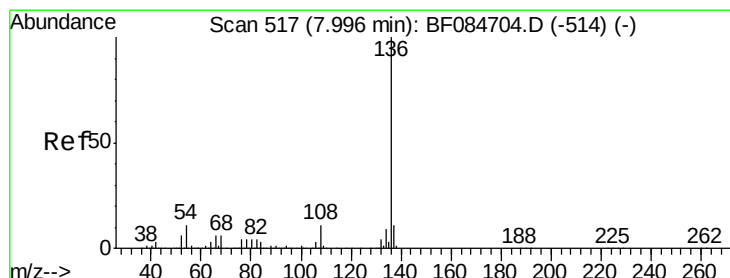
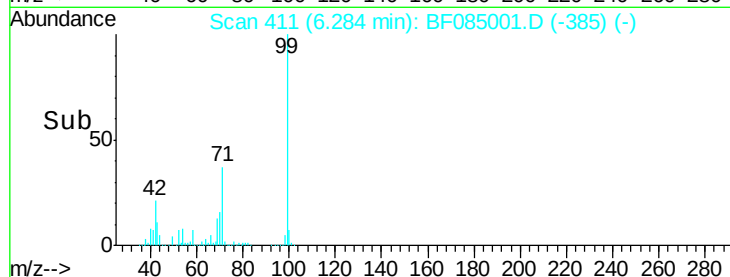
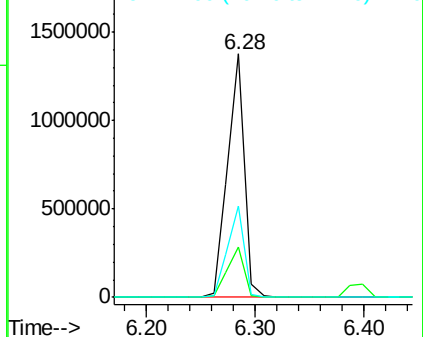
2/11/2016 10:46:53 AM



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: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF085001.D

Acq: 10 Feb 2016 19:04

Tgt Ion: 136 Resp: 607303

Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 10.5 5.8 8.8#

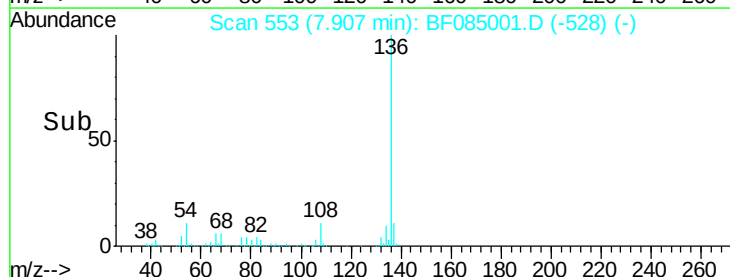
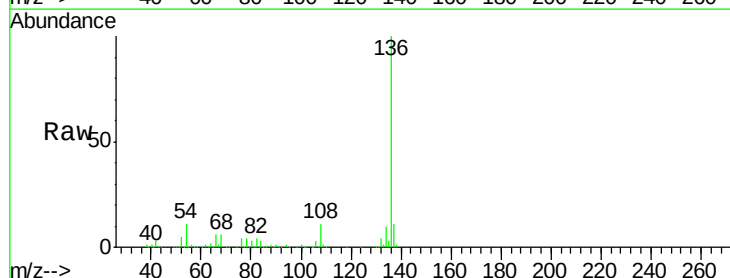
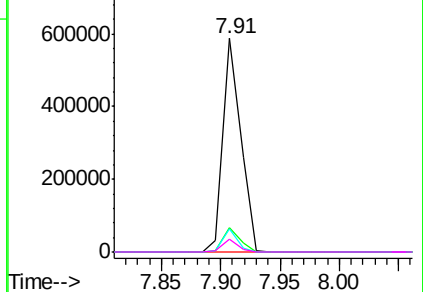
68 6.0 4.2 6.2

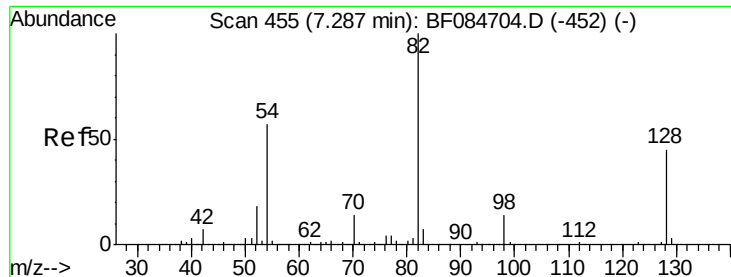
Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.15 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF085001.D

Acq: 10 Feb 2016 19:04

Instrument :

BNA_F

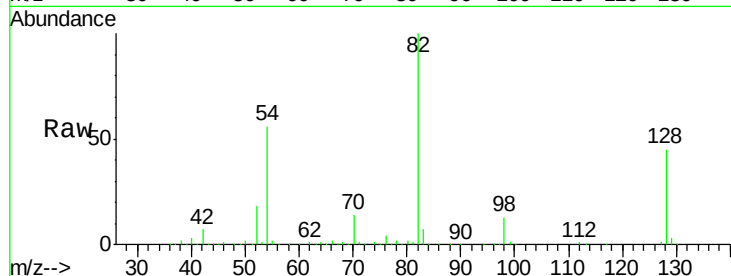
ClientSampleId :

S4-B001(1-3)

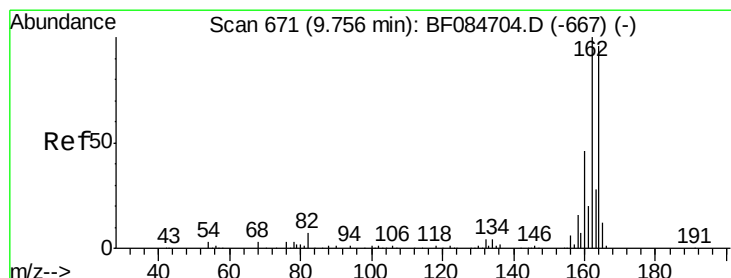
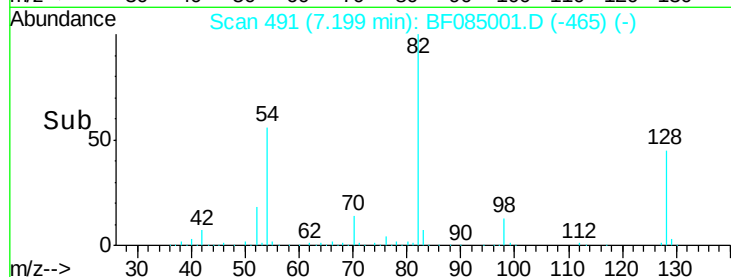
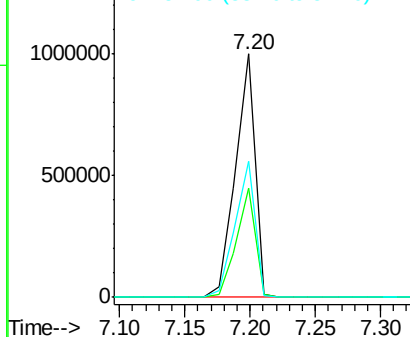
Tgt Ion:	82	Resp:	1036561
Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.6	51.8
54	55.8	38.4	57.6

Manual Integrations
APPROVED

UMANGI
2/11/2016 10:46:53 AM



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

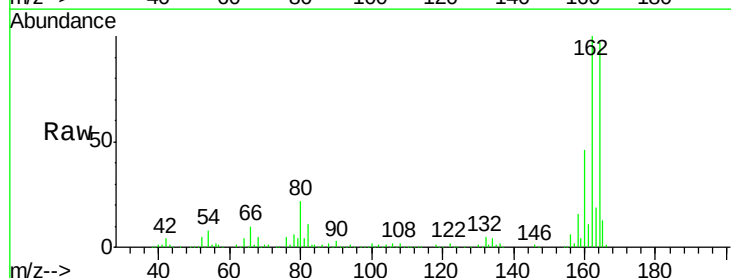
RT: 9.66 min Scan# 706

Delta R.T. -0.01 min

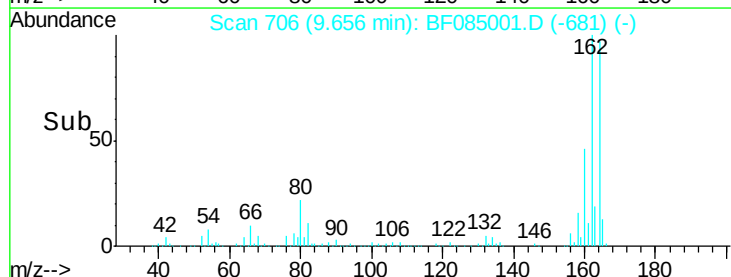
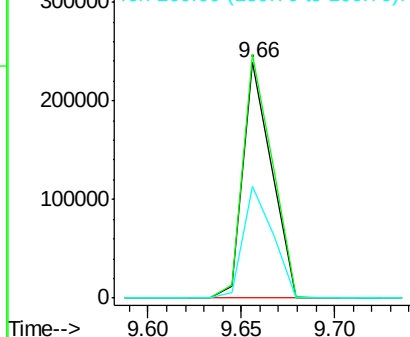
Lab File: BF085001.D

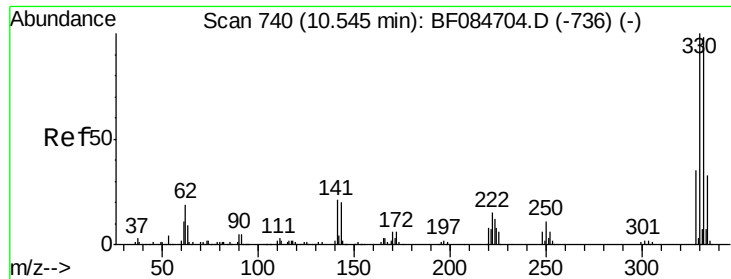
Acq: 10 Feb 2016 19:04

Tgt Ion:	164	Resp:	254197
Ion	Ratio	Lower	Upper
164	100		
162	103.2	85.1	127.7
160	47.6	37.5	56.3



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





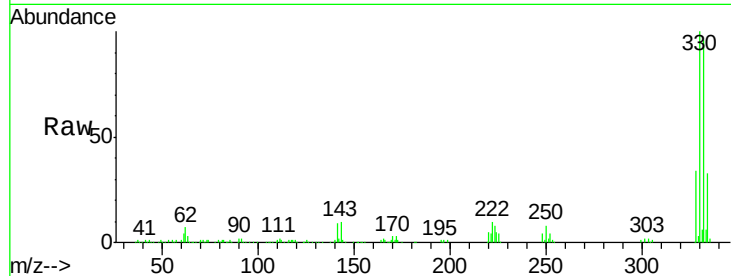
#41
 2,4,6-Tribromophenol
 Concen: 122.53 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF085001.D
 Acq: 10 Feb 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 S4-B001(1-3)

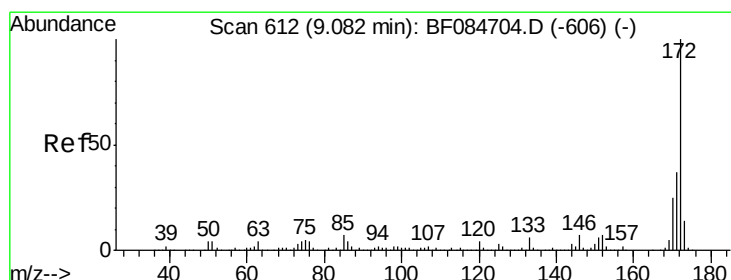
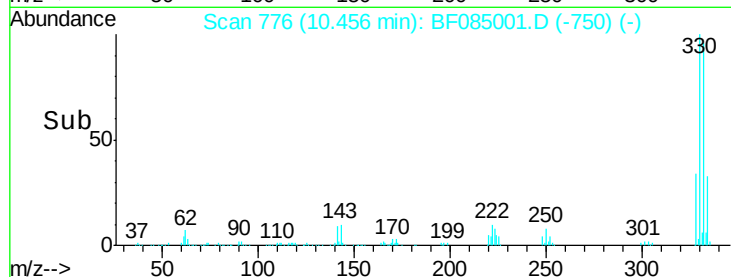
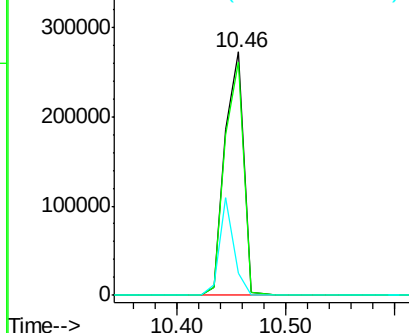
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	324892		
332	96.4	76.6	114.8	
141	32.0	27.8	41.6	

Manual Integrations
 APPROVED

UMANGI
 2/11/2016 10:46:53 AM

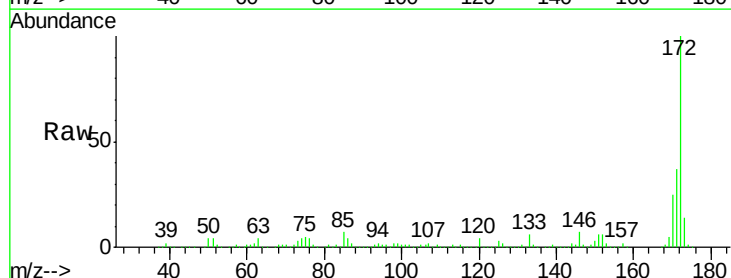


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

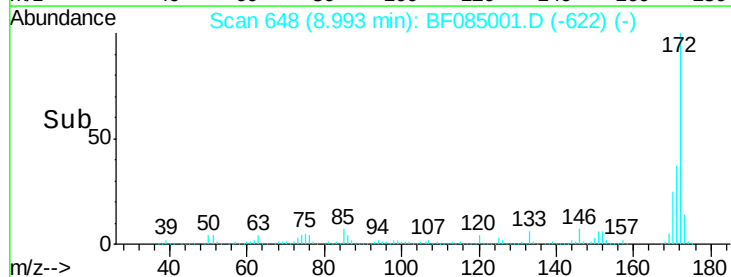
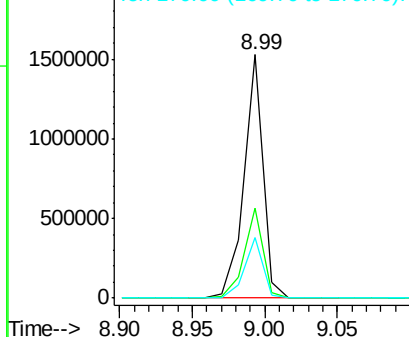


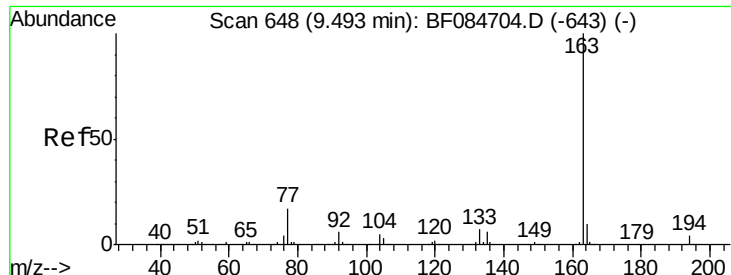
#44
 2-Fluorobiphenyl
 Concen: 95.91 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF085001.D
 Acq: 10 Feb 2016 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1385391		
171	36.8	28.9	43.3	
170	25.0	18.6	27.8	



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





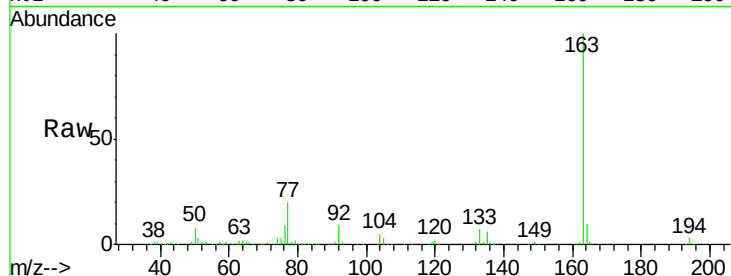
#49
Dimethylphthalate
Concen: 22.11 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085001.D
Acq: 10 Feb 2016 19:04

Instrument :
BNA_F
ClientSampleId :
S4-B001(1-3)

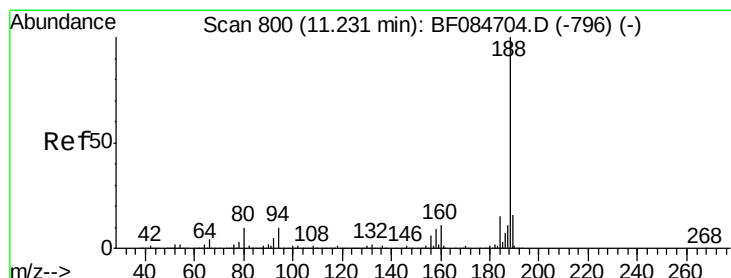
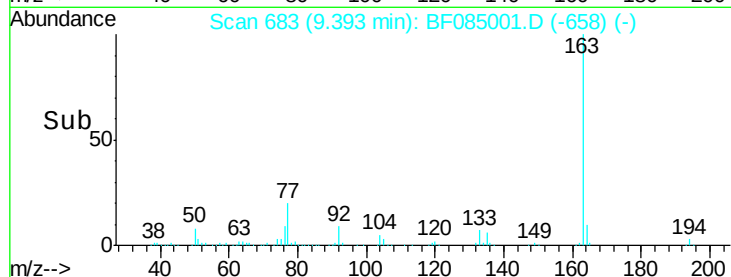
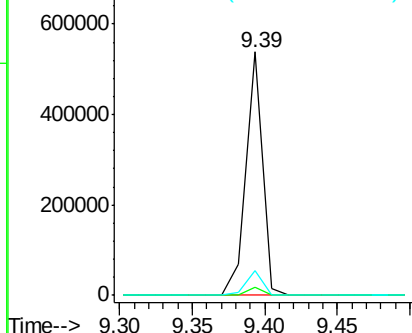
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	8.0	12.0#
164	10.2	8.0	12.0

Manual Integrations
APPROVED

UMANGI
2/11/2016 10:46:53 AM

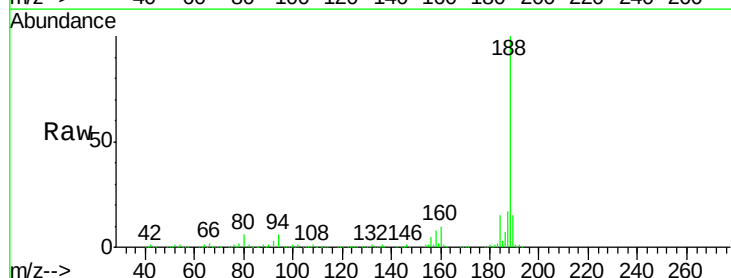


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

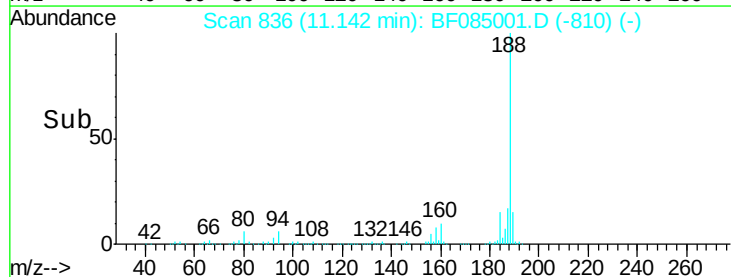
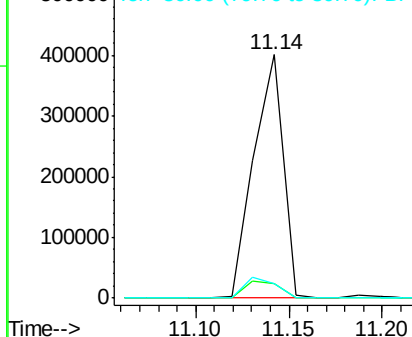


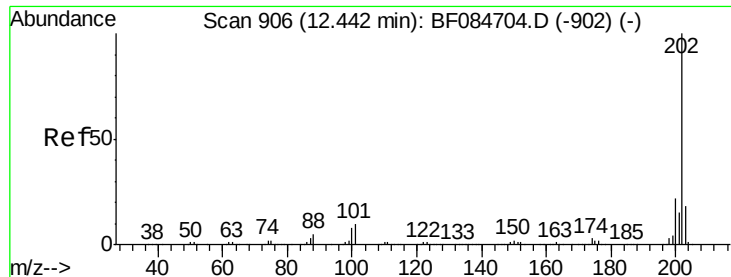
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF085001.D
Acq: 10 Feb 2016 19:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.0	9.0	13.4#
80	6.1	9.6	14.4#



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





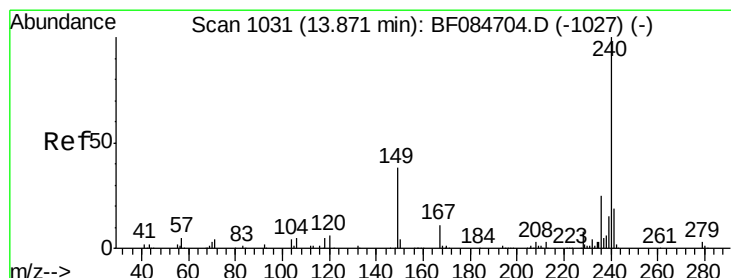
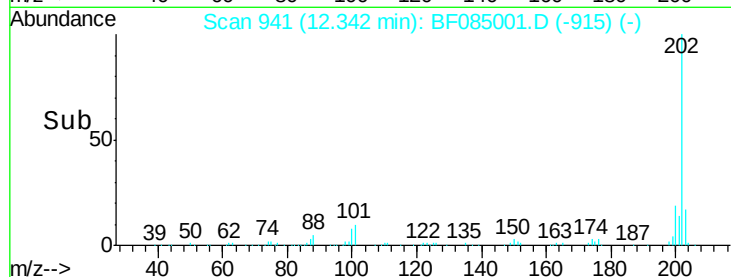
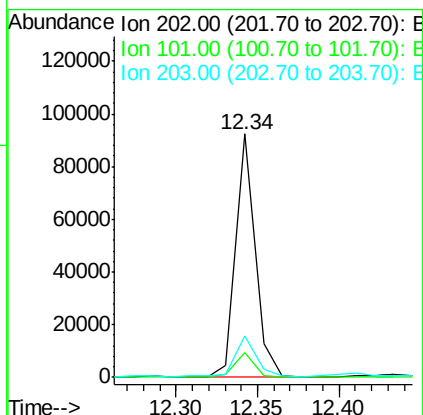
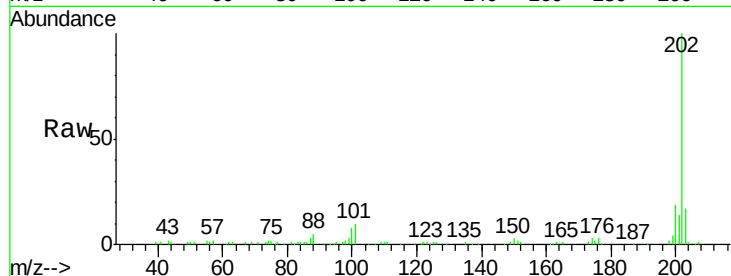
#74
Fluoranthene
Concen: 3.11 ng
RT: 12.34 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF085001.D
Acq: 10 Feb 2016 19:04

Instrument :
BNA_F
ClientSampleId :
S4-B001(1-3)

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.4	0.0	32.8
203	16.7	0.0	37.9

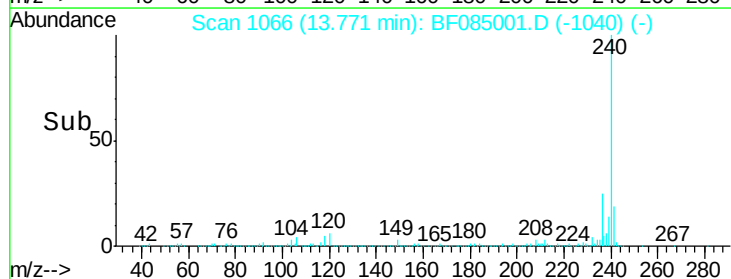
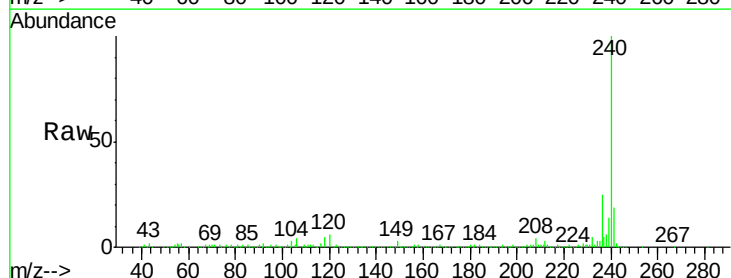
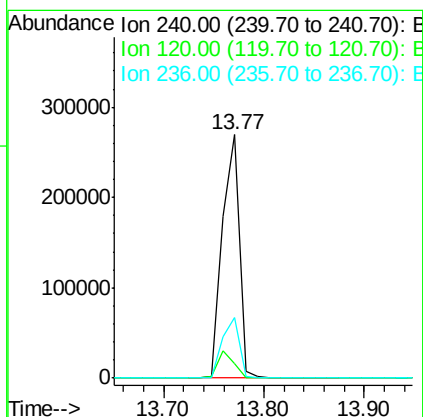
Manual Integrations
APPROVED

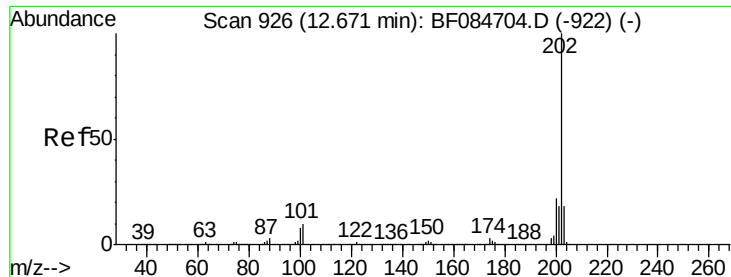
UMANGI
2/11/2016 10:46:53 AM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BF085001.D
Acq: 10 Feb 2016 19:04

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.0	9.5	14.3#
236	25.0	20.6	31.0





#77

Pyrene

Concen: 2.55 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF085001.D

Acq: 10 Feb 2016 19:04

Instrument :

BNA_F

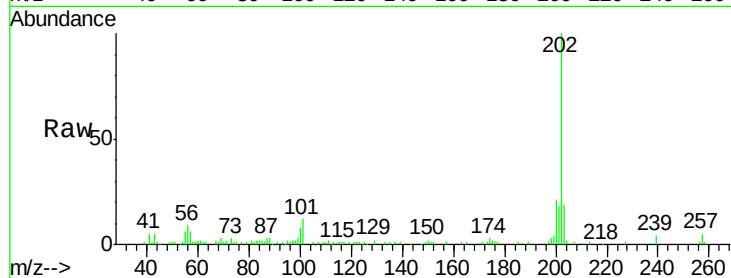
ClientSampleId :

S4-B001(1-3)

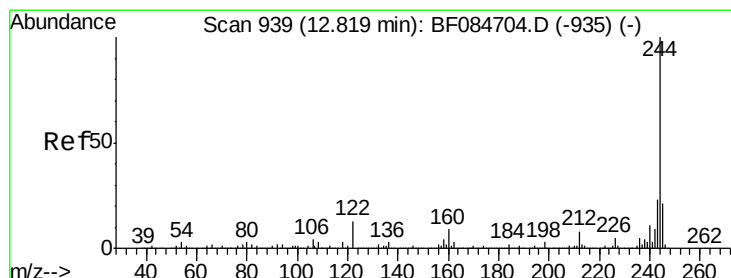
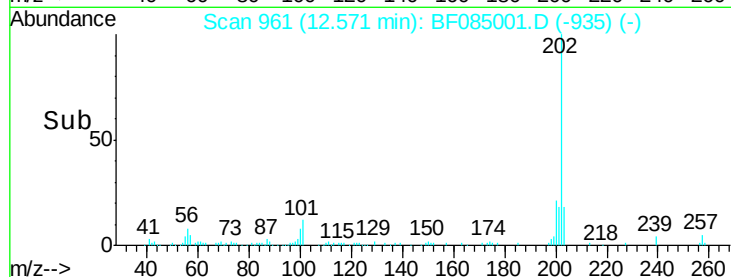
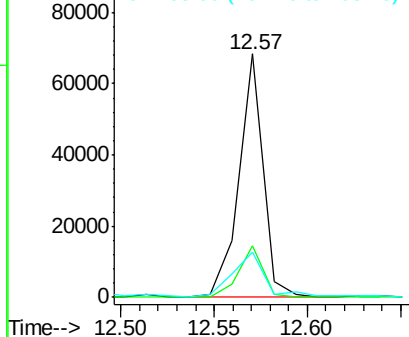
Tgt Ion:	202	Resp:	62068
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.2	25.8
203	18.7	14.3	21.5

Manual Integrations
APPROVED

UMANGI
2/11/2016 10:46:53 AM



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: 72.78 ng

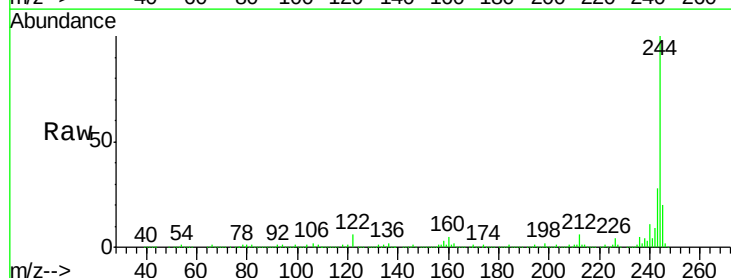
RT: 12.73 min Scan# 975

Delta R.T. -0.00 min

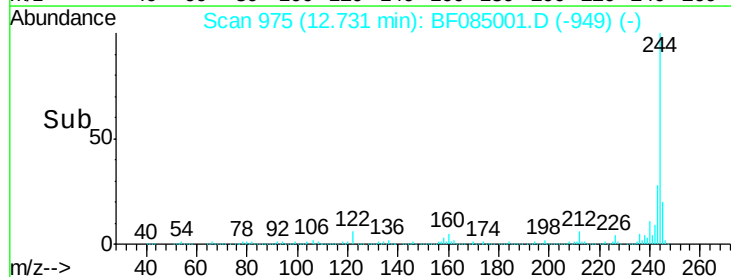
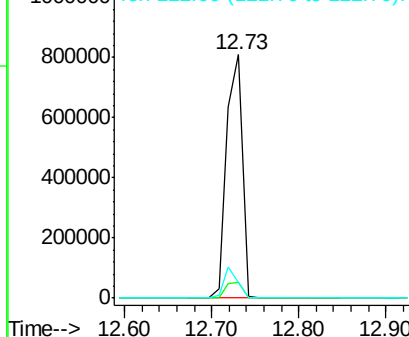
Lab File: BF085001.D

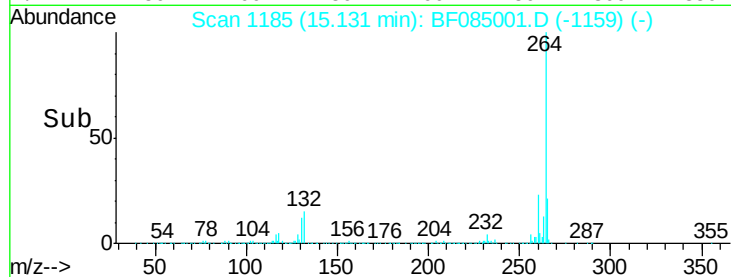
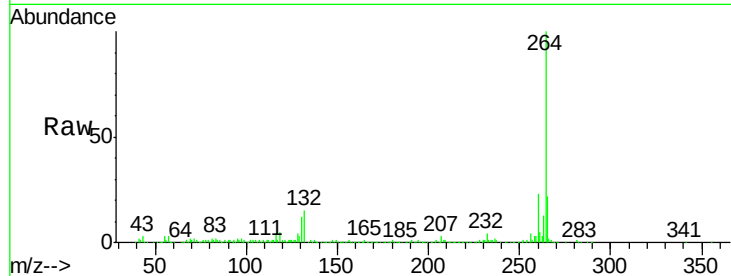
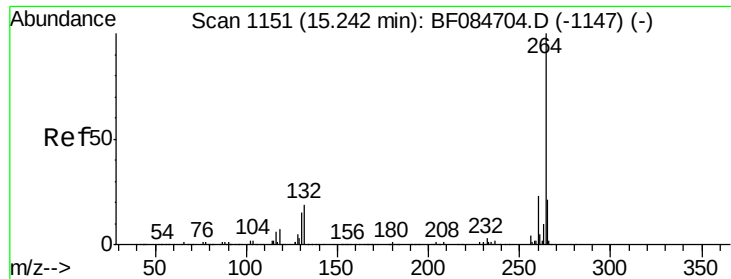
Acq: 10 Feb 2016 19:04

Tgt Ion:	244	Resp:	1021228
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.7	8.5
122	6.3	7.4	11.0#



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
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF085001.D
Acq: 10 Feb 2016 19:04

Instrument :
BNA_F
ClientSampleId :
S4-B001(1-3)

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100		271401		
260	23.2	19.4	29.2		
265	21.6	17.8	26.6		

Manual Integrations
APPROVED

UMANGI
2/11/2016 10:46:53 AM

