

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085285.D
 Acq On : 9 Mar 2016 5:07
 Operator : UM/SJ
 Sample : H1703-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-42COMP(0.5-2.5)

Manual Integrations
 APPROVED

UMANGI
 3/9/2016 9:31:16 AM

Quant Time: Mar 09 05:57:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	167529	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	611732	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	251849	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	414072	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	276022	20.00	ng	-0.03
86) Perylene-d12	15.59	264	284862	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1304400	130.60	ng	0.00
7) Phenol-d6	6.58	99	1502519	114.83	ng	-0.02
23) Nitrobenzene-d5	7.52	82	857763	75.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	281011	130.40	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1478655	89.29	ng	-0.02
78) Terphenyl-d14	13.07	244	814032	68.46	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.72	163	201922	10.45	ng	98
74) Fluoranthene	12.70	202	50967	2.34	ng	95
77) Pyrene	12.93	202	47493	2.29	ng	97
79) Butylbenzylphthalate	13.53	149	99237	10.53	ng	94
83) Bis(2-ethylhexyl)phthalate	14.09	149	33694	2.72	ng	100

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

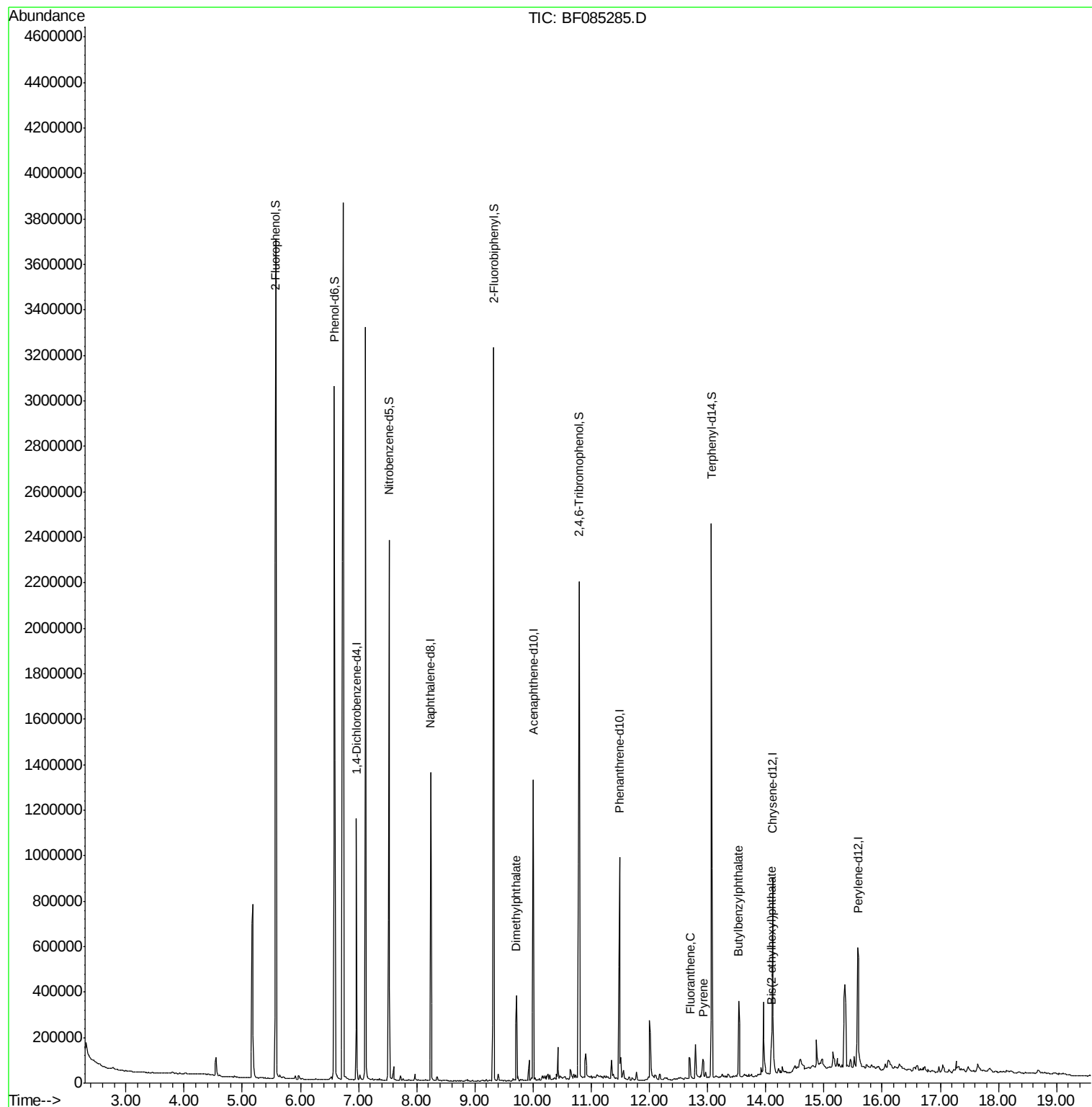
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085285.D
Acq On : 9 Mar 2016 5:07
Operator : UM/SJ
Sample : H1703-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

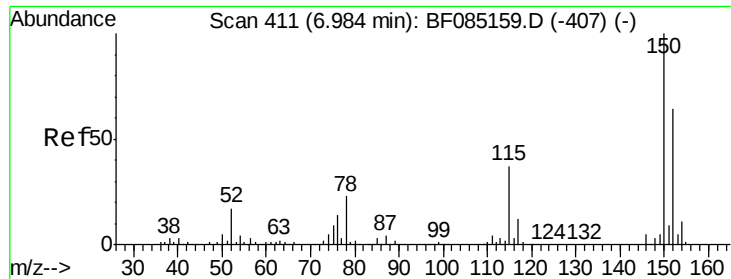
Instrument :
BNA_F
ClientSampleId :
SB-42COMP(0.5-2.5)

Manual Integrations
APPROVED

UMANGI
3/9/2016 9:31:16 AM

Quant Time: Mar 09 05:57:49 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085285.D

Acq: 9 Mar 2016 5:07

Instrument :

BNA_F

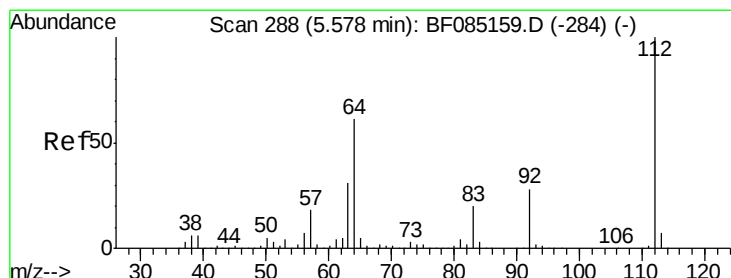
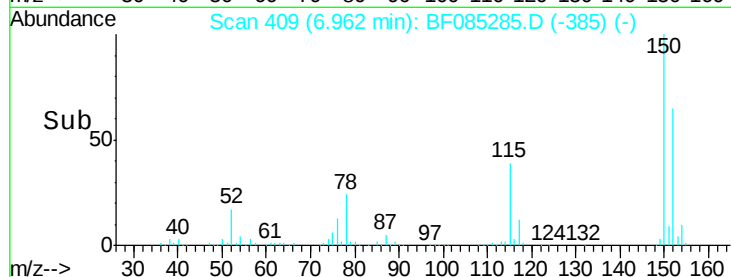
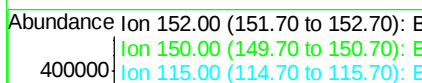
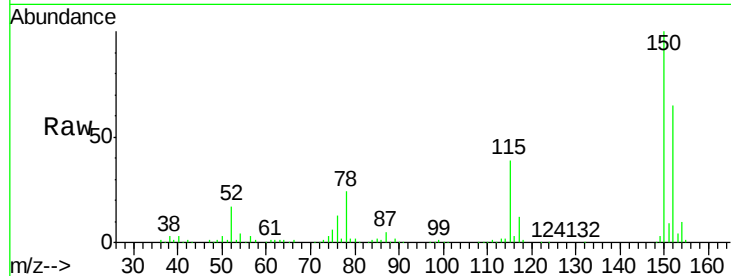
ClientSampleId :

SB-42COMP(0.5-2.5)

Tgt Ion:	152	Resp:	167529
Ion Ratio	Lower	Upper	
152	100		
150	155.0	124.6	186.8
115	60.1	46.6	70.0

Manual Integrations
APPROVED

UMANGI
3/9/2016 9:31:16 AM



#5

2-Fluorophenol

Concen: 130.60 ng

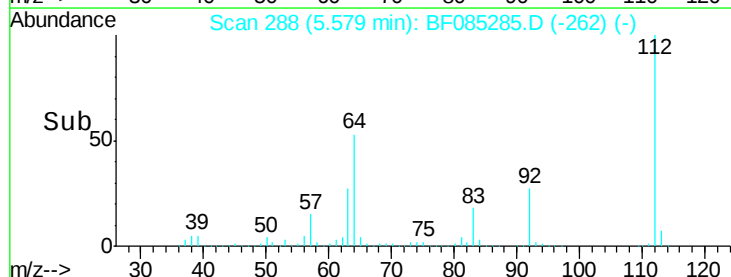
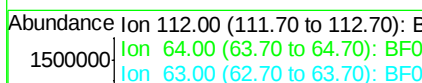
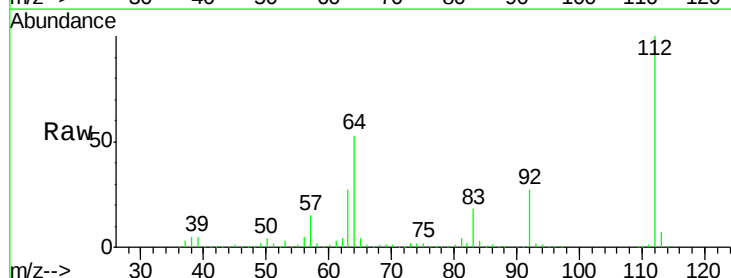
RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085285.D

Acq: 9 Mar 2016 5:07

Tgt Ion:	112	Resp:	1304400
Ion Ratio	Lower	Upper	
112	100		
64	53.0	49.0	73.4
63	26.8	24.8	37.2





#7

Phenol-d6

Concen: 114.83 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085285.D

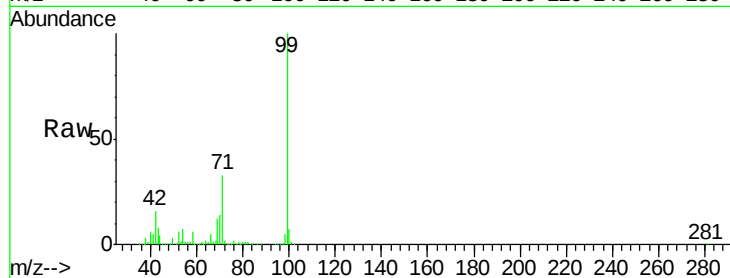
Acq: 9 Mar 2016 5:07

Instrument :

BNA_F

ClientSampleId :

SB-42COMP(0.5-2.5)



Tgt Ion: 99 Resp: 1502519

Ion Ratio Lower Upper

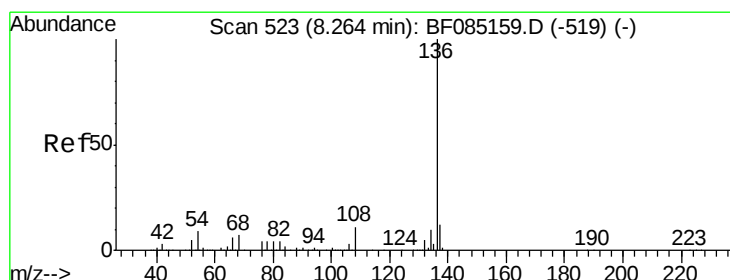
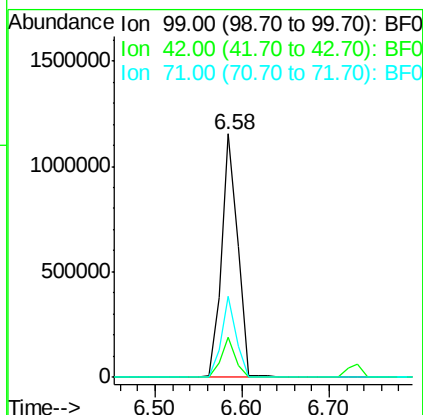
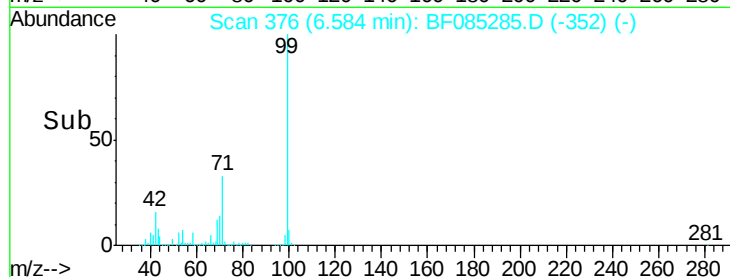
99 100

42 16.3 13.6 20.4

71 33.3 26.7 40.1

Manual Integrations
APPROVED

UMANGI
3/9/2016 9:31:16 AM



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF085285.D

Acq: 9 Mar 2016 5:07

Tgt Ion: 136 Resp: 611732

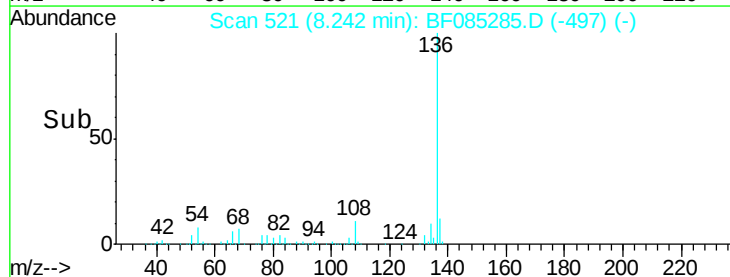
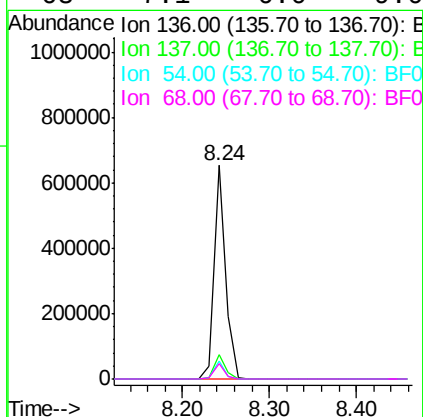
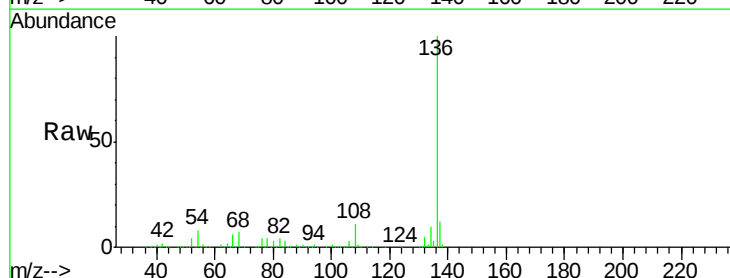
Ion Ratio Lower Upper

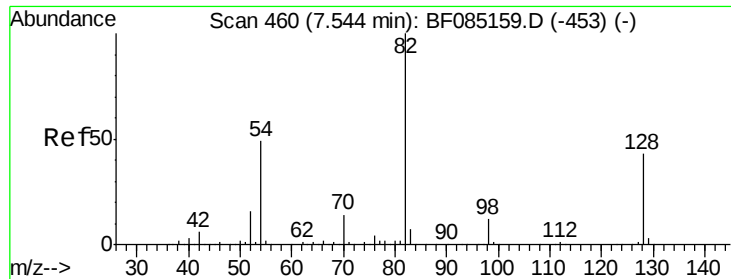
136 100

137 11.5 9.3 13.9

54 8.4 7.4 11.2

68 7.1 6.0 9.0





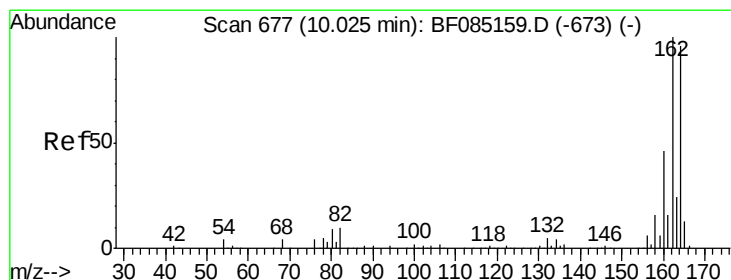
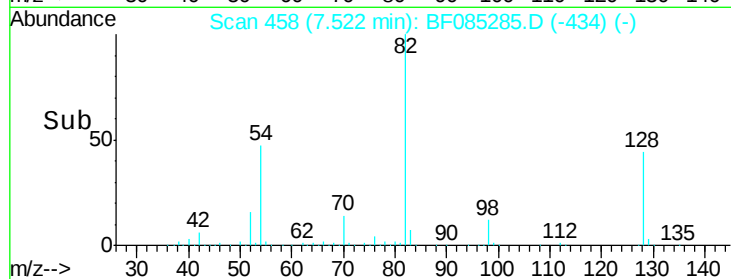
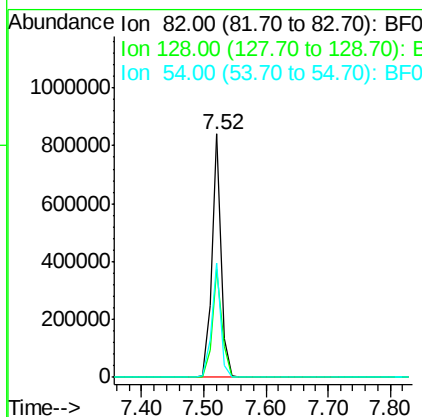
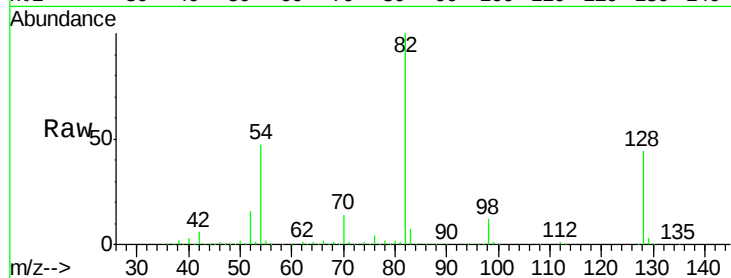
#23
 Nitrobenzene-d5
 Concen: 75.03 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF085285.D
 Acq: 9 Mar 2016 5:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-42COMP(0.5-2.5)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.5	51.7
54	47.2	39.3	58.9

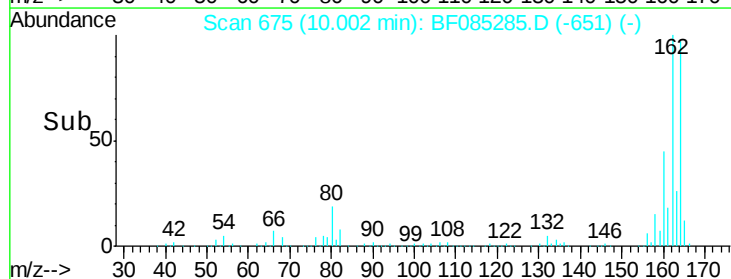
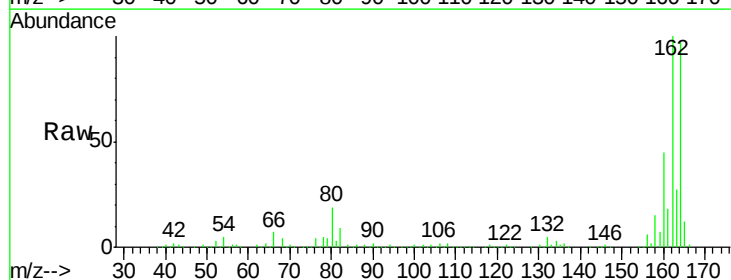
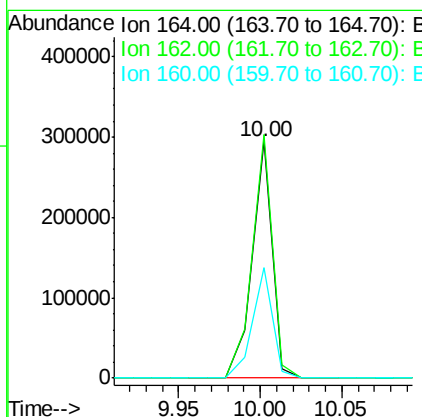
Manual Integrations
 APPROVED

UMANGI
 3/9/2016 9:31:16 AM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF085285.D
 Acq: 9 Mar 2016 5:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.3	124.9
160	46.7	37.9	56.9





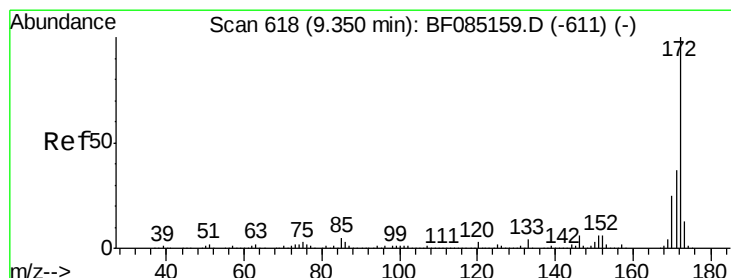
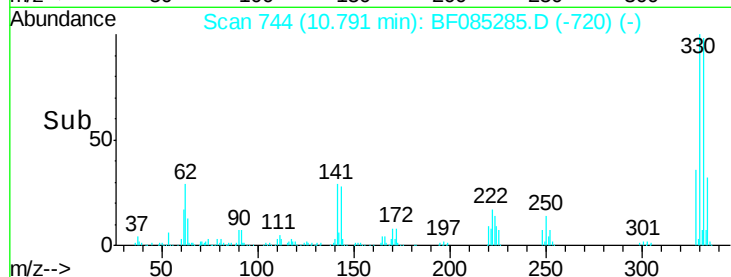
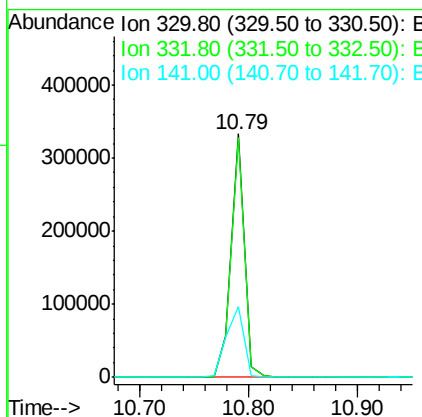
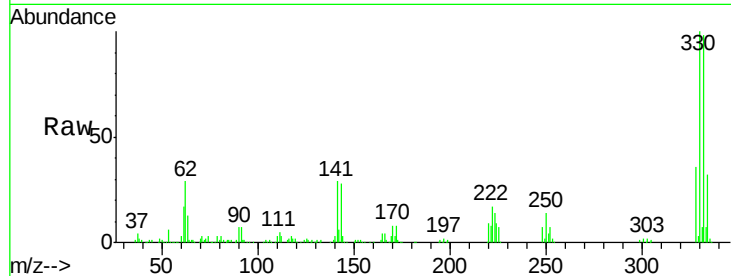
#41
 2,4,6-Tribromophenol
 Concen: 130.40 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085285.D
 Acq: 9 Mar 2016 5:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-42COMP(0.5-2.5)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	281011		
332	97.9	77.1	115.7	
141	38.3	35.0	52.6	

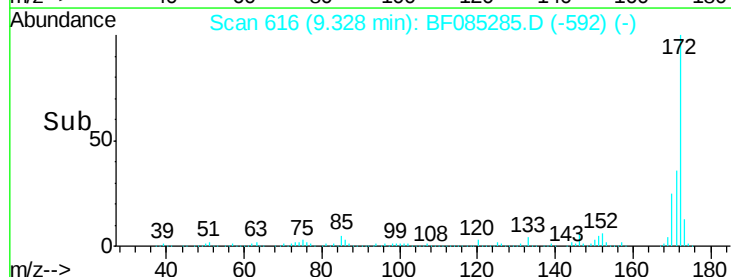
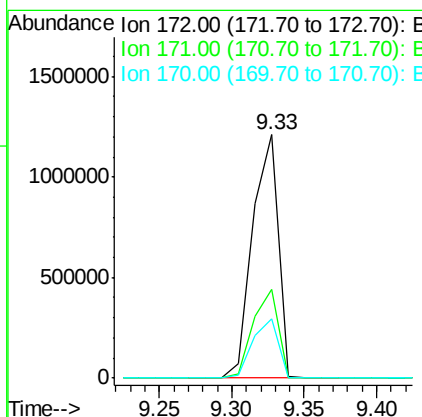
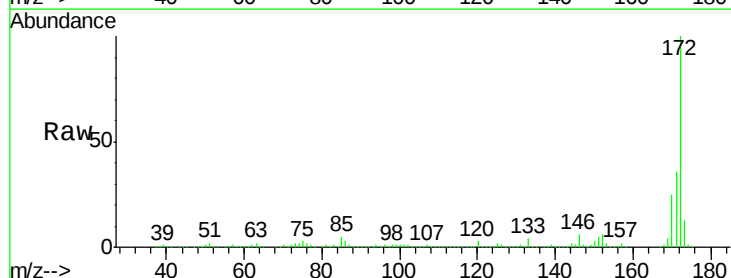
Manual Integrations
 APPROVED

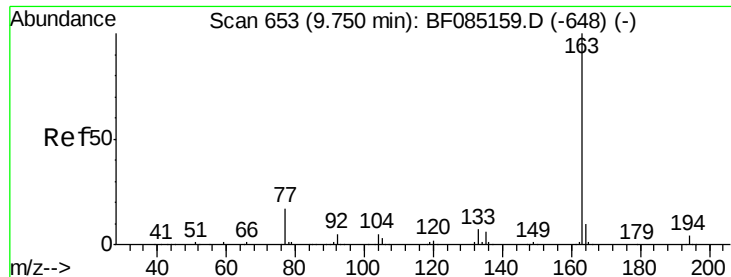
UMANGI
 3/9/2016 9:31:16 AM



#44
 2-Fluorobiphenyl
 Concen: 89.29 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085285.D
 Acq: 9 Mar 2016 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1478655		
171	36.4	29.3	43.9	
170	24.5	20.0	30.0	





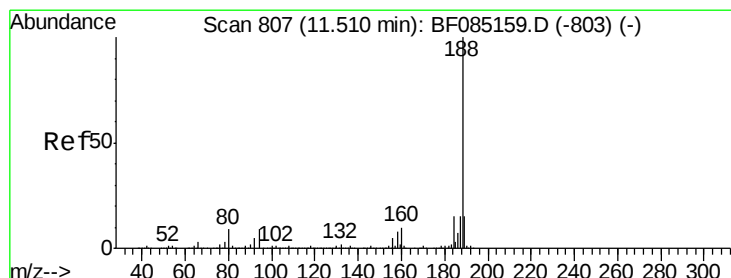
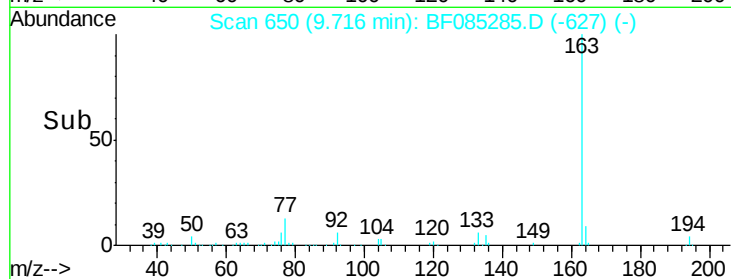
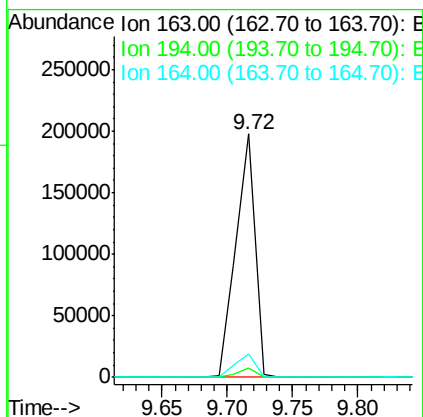
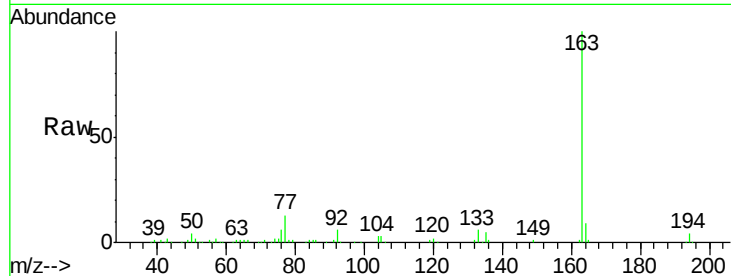
#49
Dimethylphthalate
Concen: 10.45 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF085285.D
Acq: 9 Mar 2016 5:07

Instrument :
BNA_F
ClientSampleId :
SB-42COMP(0.5-2.5)

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.9	3.1	4.7
164	9.5	8.2	12.4

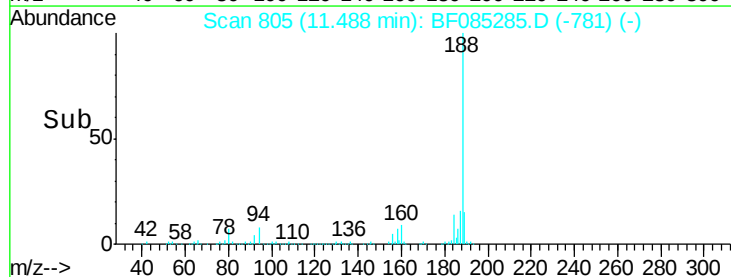
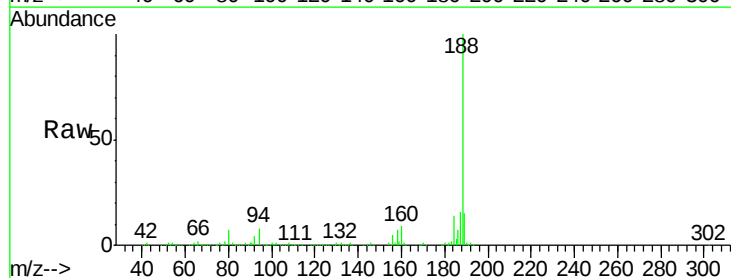
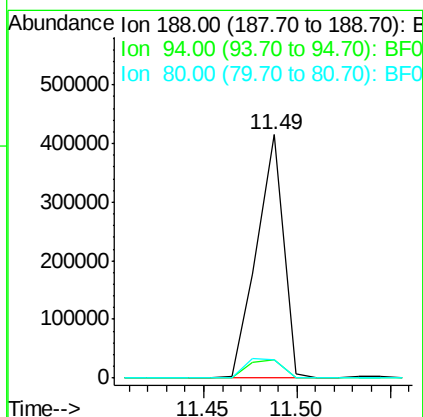
Manual Integrations
APPROVED

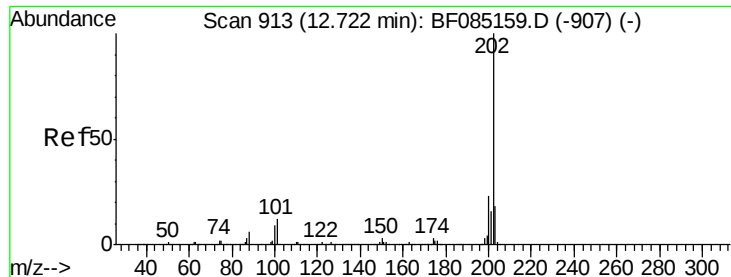
UMANGI
3/9/2016 9:31:16 AM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085285.D
Acq: 9 Mar 2016 5:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.6	7.0	10.6
80	7.4	7.4	11.0





#74

Fluoranthene

Concen: 2.34 ng

RT: 12.70 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF085285.D

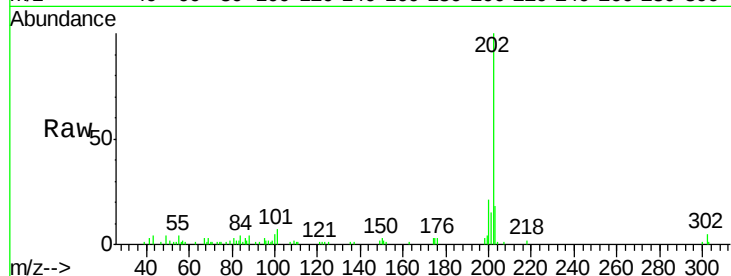
Acq: 9 Mar 2016 5:07

Instrument :

BNA_F

ClientSampleId :

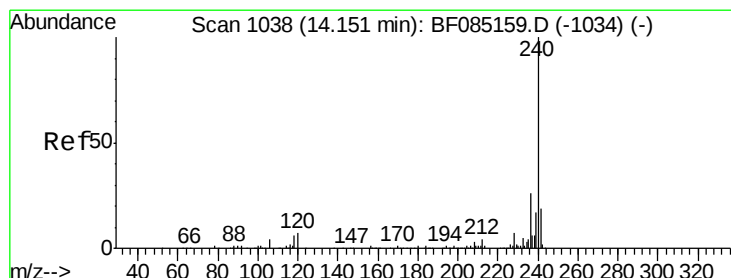
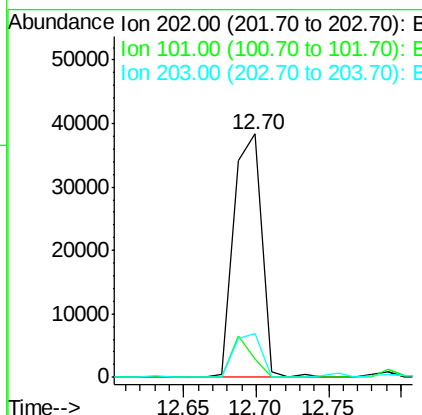
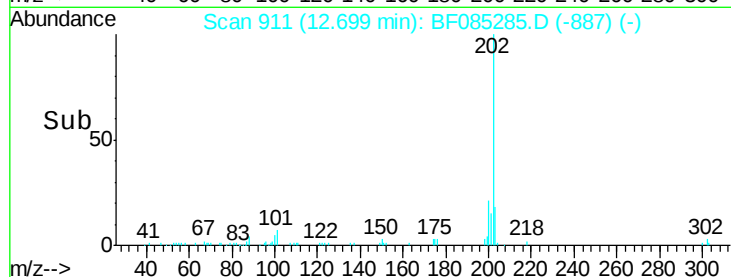
SB-42COMP(0.5-2.5)



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	50967		
101	7.3	0.0	31.8	
203	18.1	0.0	38.4	

Manual Integrations
APPROVED

UMANGI
3/9/2016 9:31:16 AM



#75

Chrysene-d12

Concen: 20.00 ng

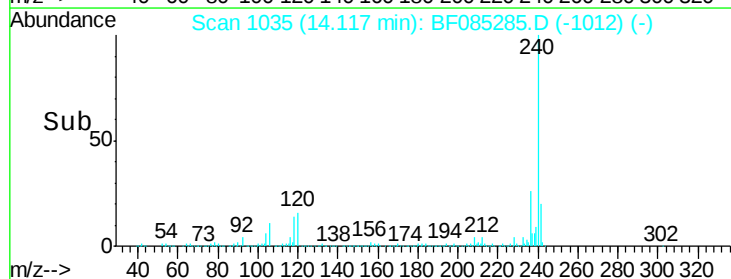
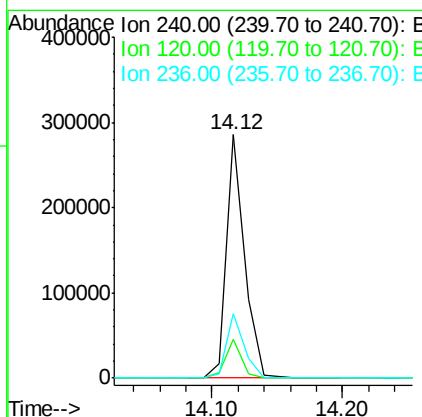
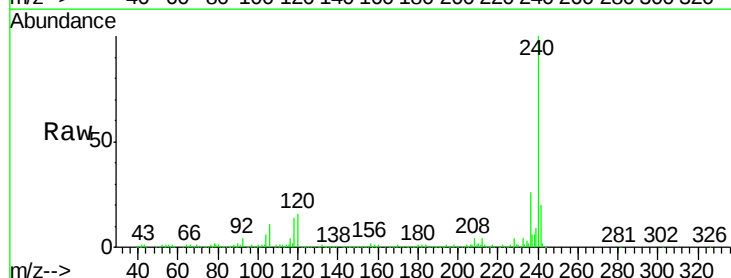
RT: 14.12 min Scan# 1035

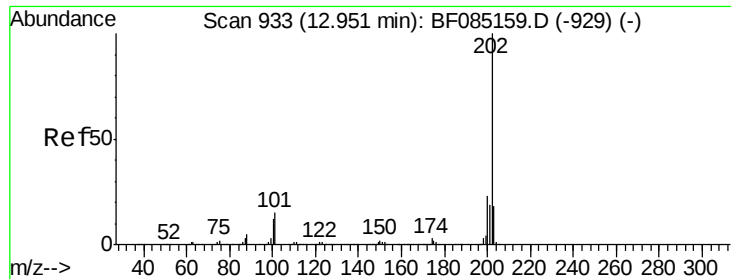
Delta R.T. -0.03 min

Lab File: BF085285.D

Acq: 9 Mar 2016 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	276022		
120	15.9	5.3	7.9#	
236	26.4	20.7	31.1	





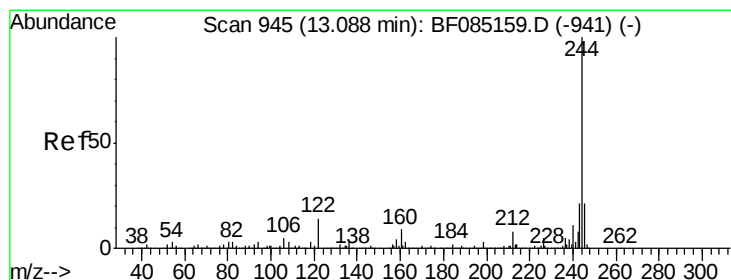
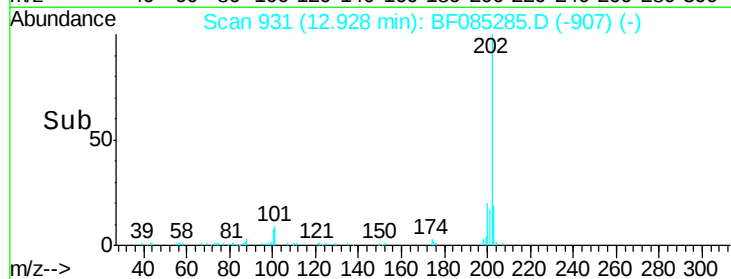
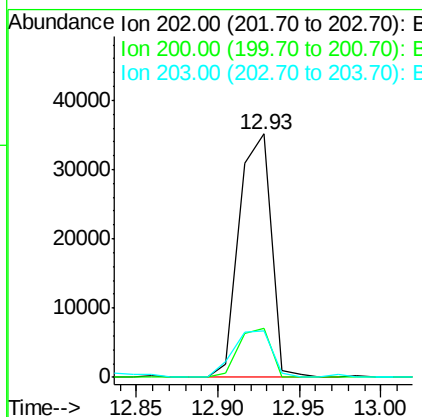
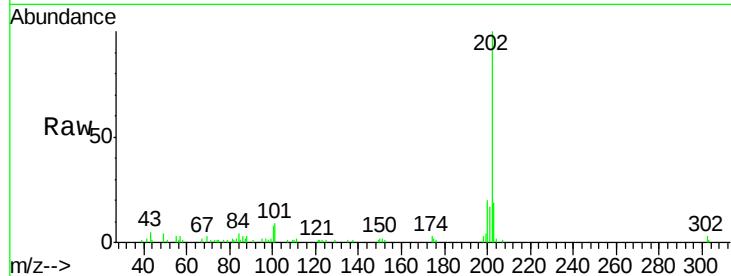
#77
 Pyrene
 Concen: 2.29 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.02 min
 Lab File: BF085285.D
 Acq: 9 Mar 2016 5:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-42COMP(0.5-2.5)

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	18.2	27.4
203	18.9	14.7	22.1

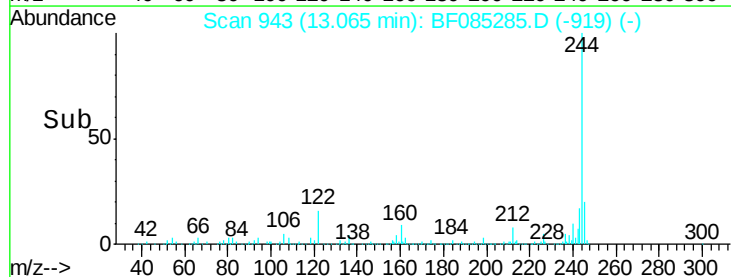
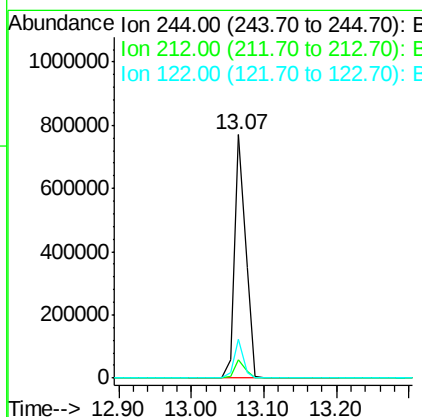
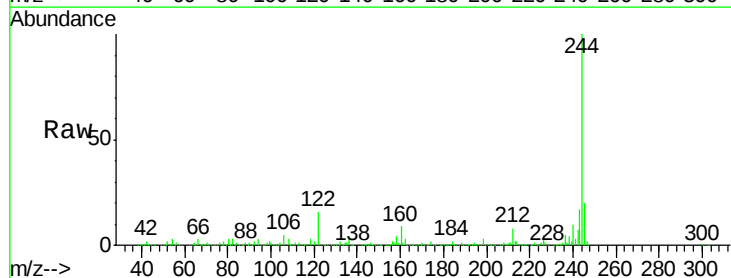
Manual Integrations
 APPROVED

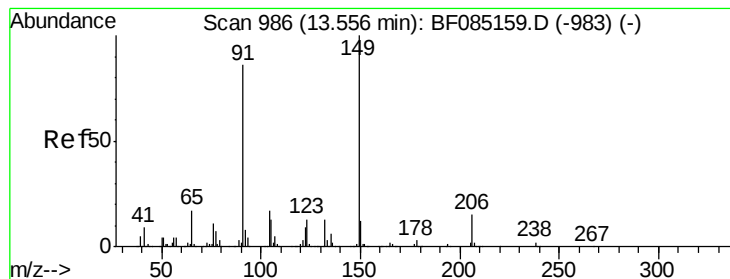
UMANGI
 3/9/2016 9:31:16 AM



#78
 Terphenyl-d14
 Concen: 68.46 ng
 RT: 13.07 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF085285.D
 Acq: 9 Mar 2016 5:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	15.7	11.4	17.2





#79

Butylbenzylphthalate

Concen: 10.53 ng

RT: 13.53 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF085285.D

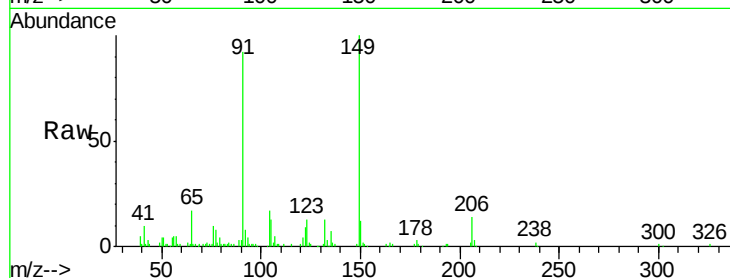
Acq: 9 Mar 2016 5:07

Instrument :

BNA_F

ClientSampleId :

SB-42COMP(0.5-2.5)



Tgt Ion:149 Resp: 99237

Ion Ratio Lower Upper

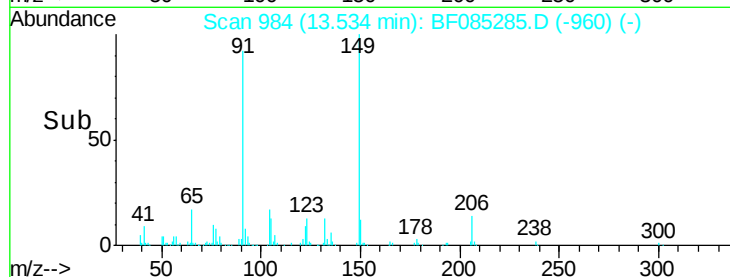
149 100

91 91.9 69.0 103.4

206 13.7 12.3 18.5

Manual Integrations
APPROVED

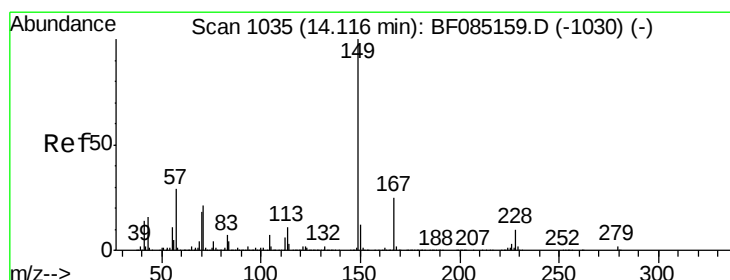
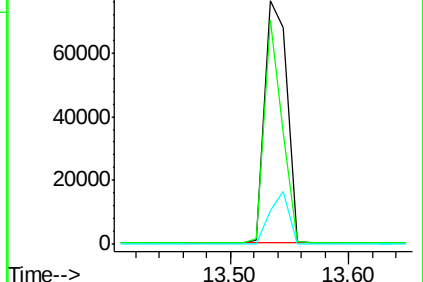
UMANGI
3/9/2016 9:31:16 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.72 ng

RT: 14.09 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF085285.D

Acq: 9 Mar 2016 5:07

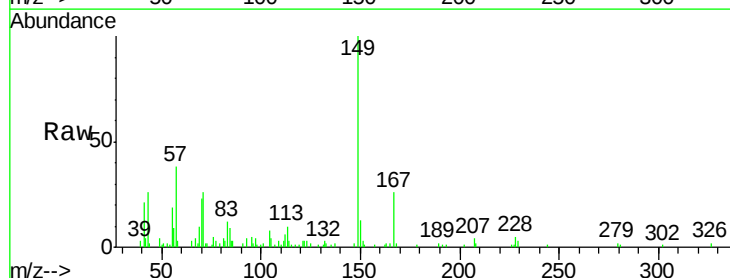
Tgt Ion:149 Resp: 33694

Ion Ratio Lower Upper

149 100

167 25.6 20.3 30.5

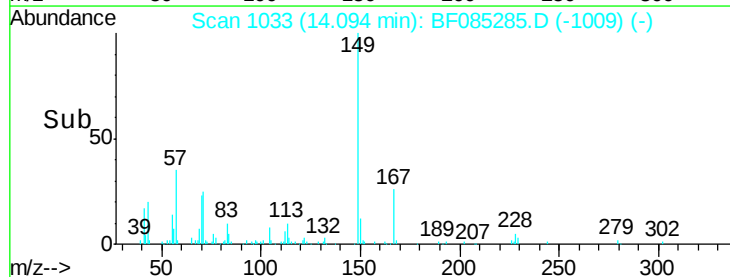
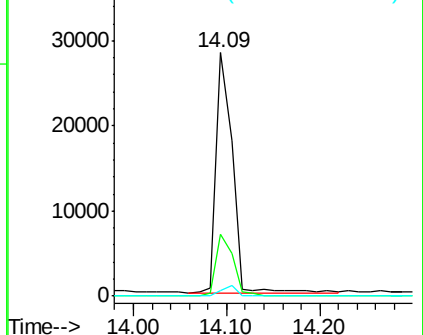
279 2.1 1.9 2.9

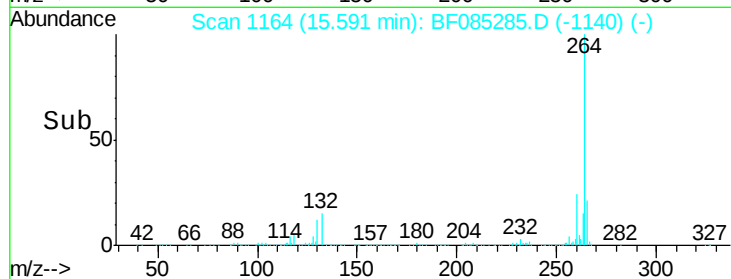
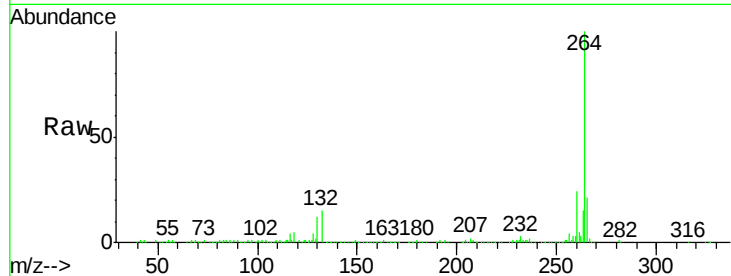
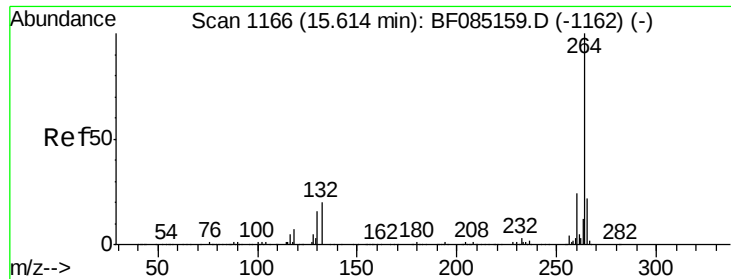


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF085285.D
Acq: 9 Mar 2016 5:07

Instrument :
BNA_F
ClientSampleId :
SB-42COMP(0.5-2.5)

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.9	19.2	28.8
265	20.6	17.3	25.9

Manual Integrations
APPROVED

UMANGI
3/9/2016 9:31:16 AM

