

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085866.D
 Acq On : 29 Mar 2016 23:22
 Operator : UM/SJ
 Sample : H1970-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Manual Integrations
 APPROVED

Sohil
 3/30/2016 7:07:13 PM

Quant Time: Mar 30 02:08:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	114343	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	456707	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	187849	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	318887	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	244668	20.00	ng	-0.01
86) Perylene-d12	15.39	264	204458	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	880148	128.19	ng	0.00
7) Phenol-d6	6.46	99	1237168	141.73	ng	0.00
23) Nitrobenzene-d5	7.37	82	674675	83.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	231501	129.71	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	843700	75.04	ng	-0.02
78) Terphenyl-d14	12.92	244	486644	40.91	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.57	163	233794	16.40	ng	99
74) Fluoranthene	12.54	202	37989	2.18	ng	94
83) Bis(2-ethylhexyl)phthalate	13.95	149	411057	40.76	ng	99

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

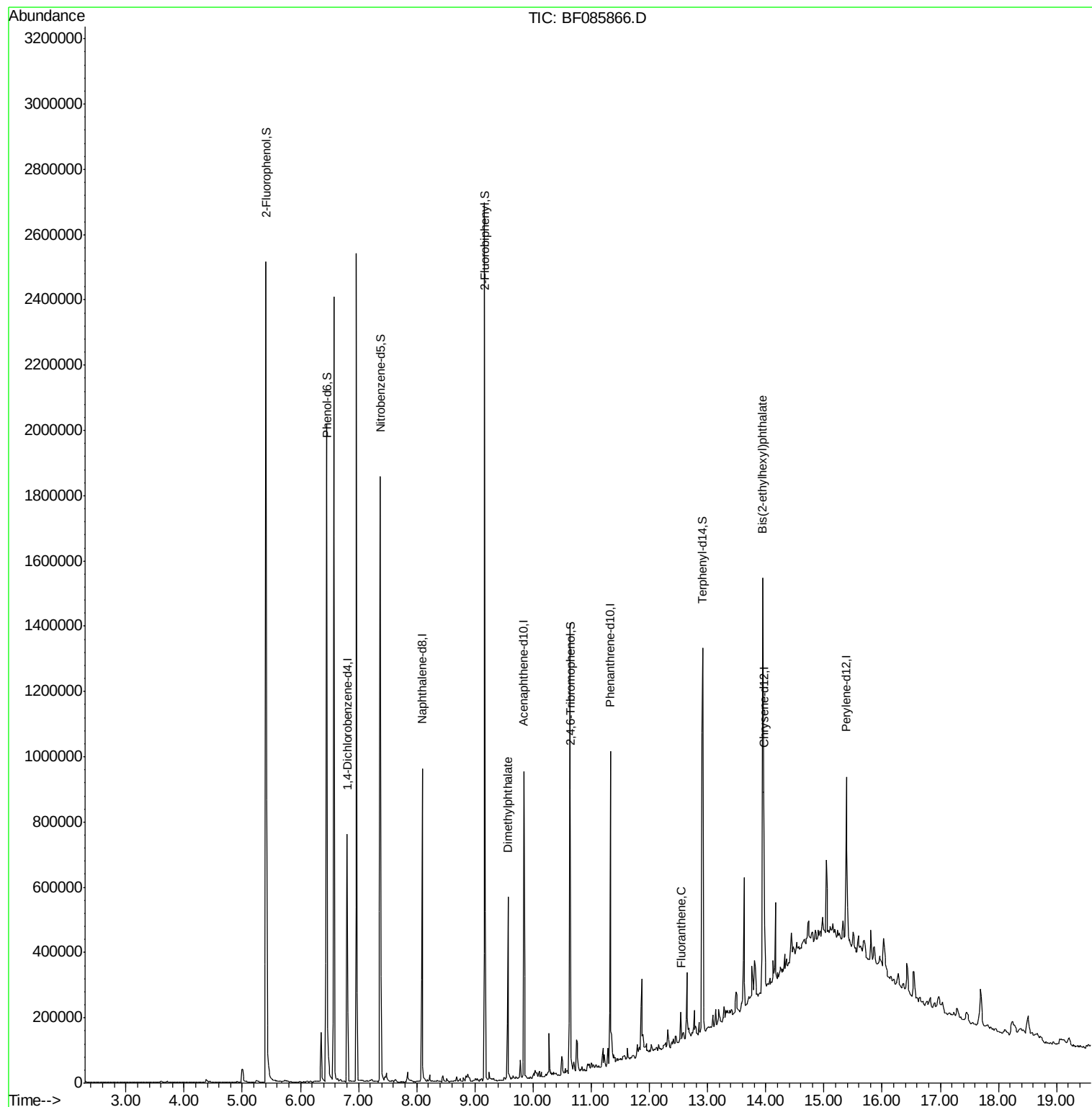
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085866.D
Acq On : 29 Mar 2016 23:22
Operator : UM/SJ
Sample : H1970-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

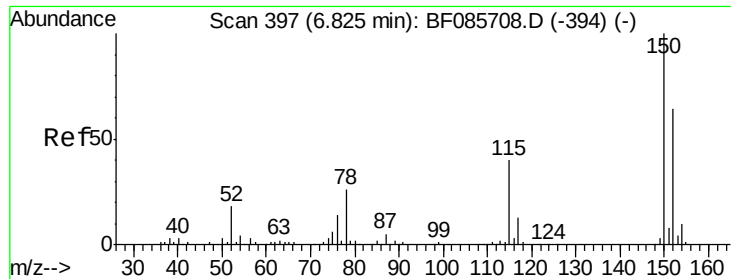
Instrument :
BNA_F
ClientSampleId :
TP-9

Manual Integrations
APPROVED

Sohil
3/30/2016 7:07:13 PM

Quant Time: Mar 30 02:08:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration





#1

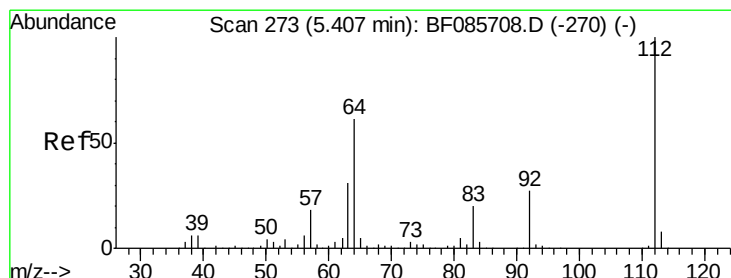
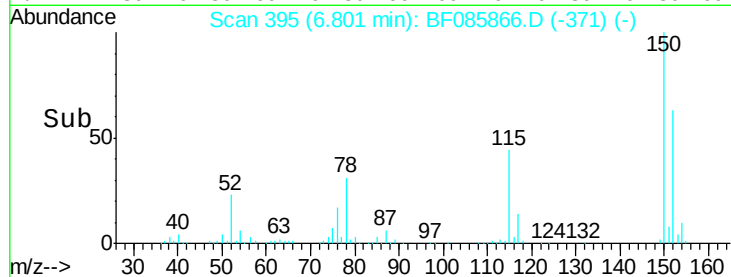
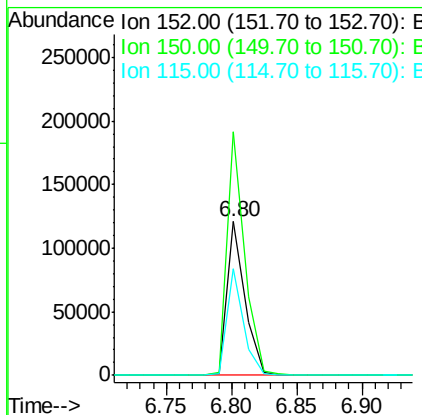
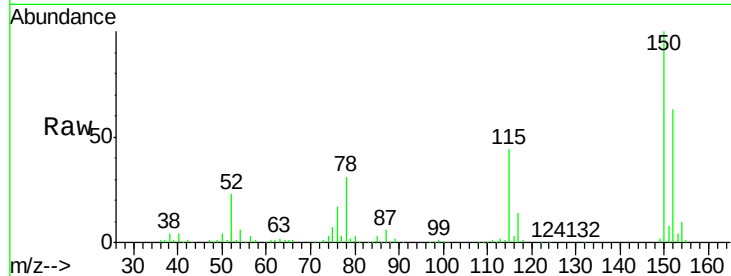
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF085866.D
Acq: 29 Mar 2016 23:22

Instrument :
BNA_F
ClientSampled :
TP-9

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.2	186.2
115	69.7	47.0	70.6

Manual Integrations
APPROVED

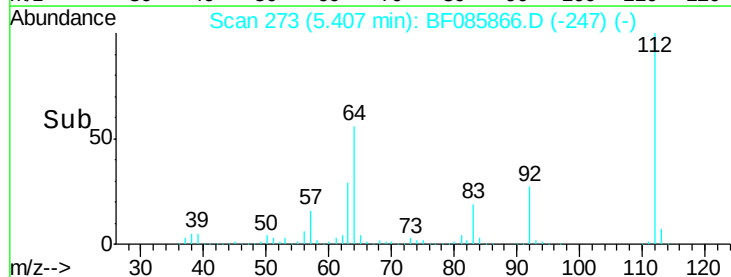
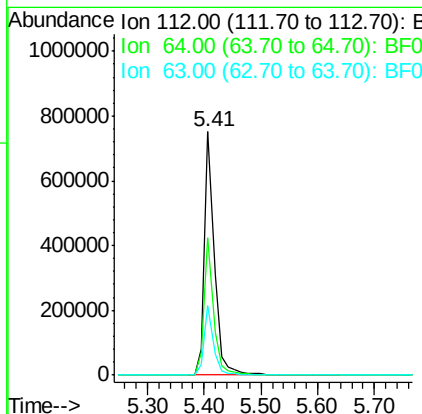
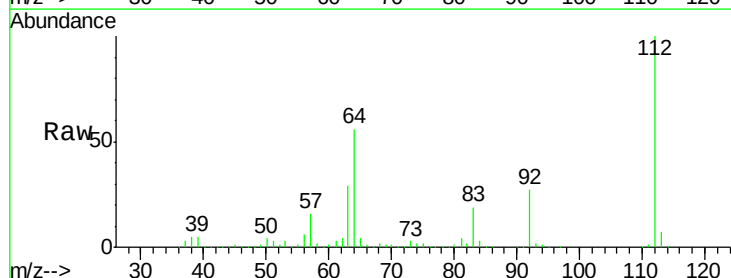
Sohil
3/30/2016 7:07:13 PM

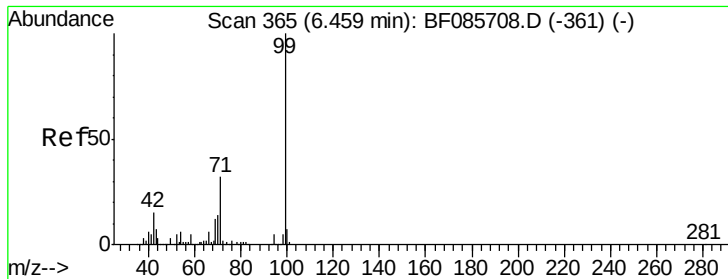


#5

2-Fluorophenol
Concen: 128.19 ng
RT: 5.41 min Scan# 273
Delta R.T. 0.00 min
Lab File: BF085866.D
Acq: 29 Mar 2016 23:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	39.9	59.9
63	28.8	20.2	30.2





#7

Phenol-d6

Concen: 141.73 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085866.D

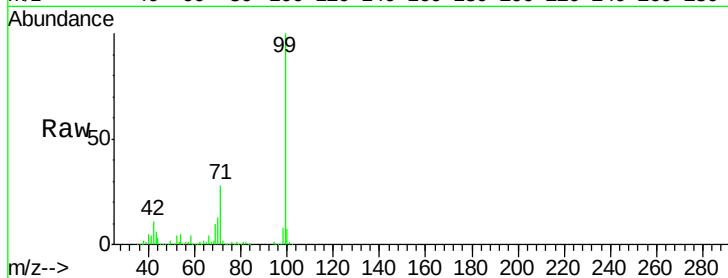
Acq: 29 Mar 2016 23:22

Instrument :

BNA_F

ClientSampleId :

TP-9



Tgt Ion: 99 Resp: 1237168

Ion Ratio Lower Upper

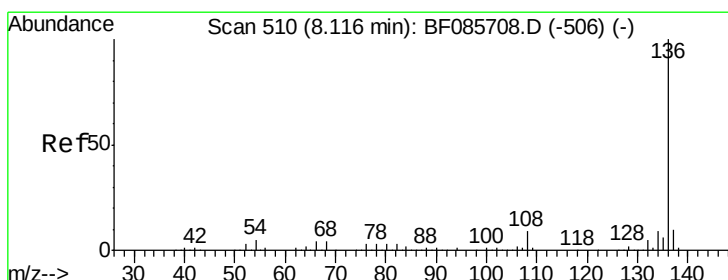
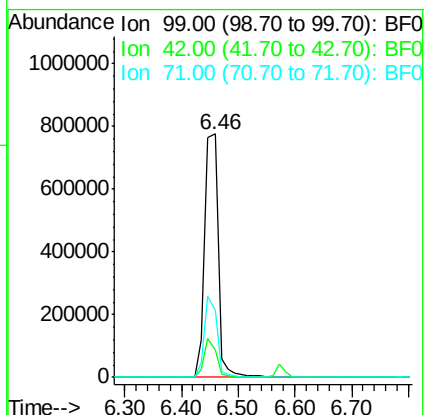
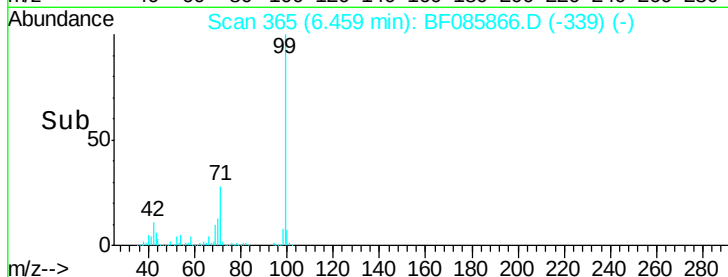
99 100

42 11.4 11.1 16.7

71 27.7 24.9 37.3

Manual Integrations
APPROVED

Sohil
3/30/2016 7:07:13 PM



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF085866.D

Acq: 29 Mar 2016 23:22

Tgt Ion: 136 Resp: 456707

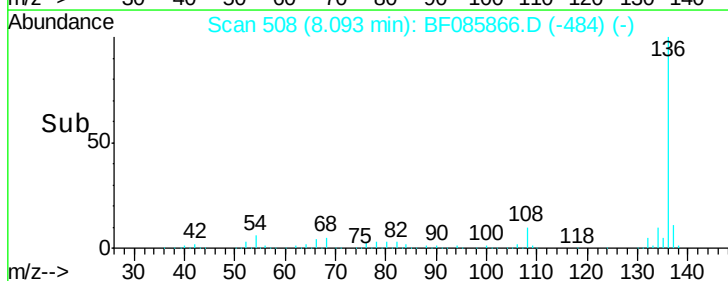
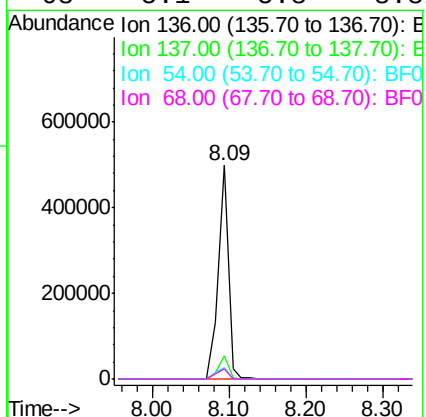
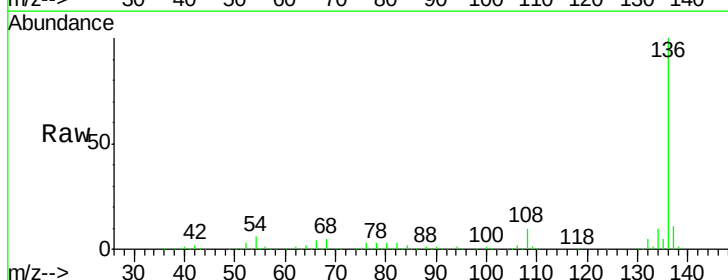
Ion Ratio Lower Upper

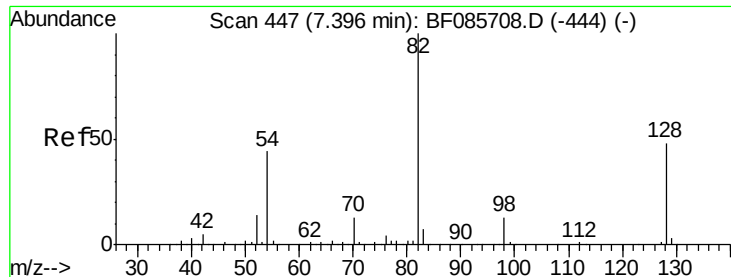
136 100

137 10.9 9.1 13.7

54 5.7 7.4 11.0#

68 5.1 5.8 8.8#





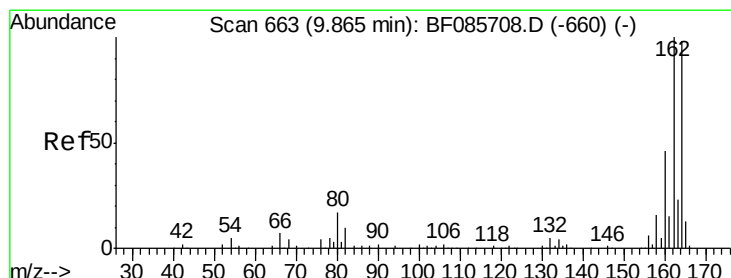
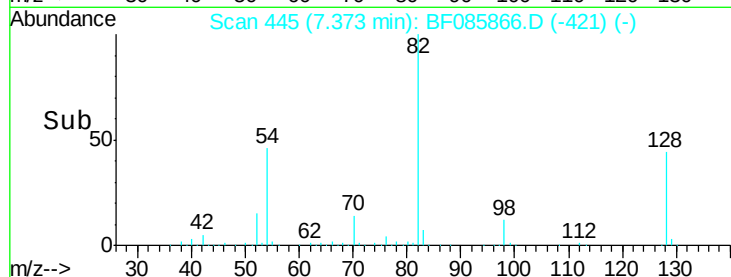
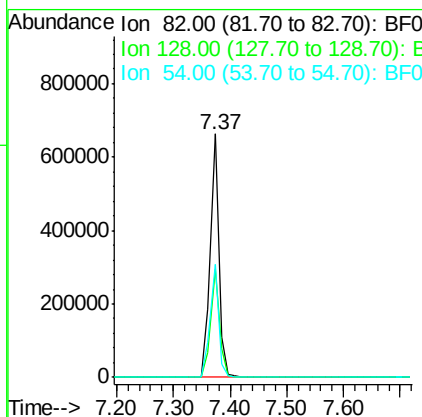
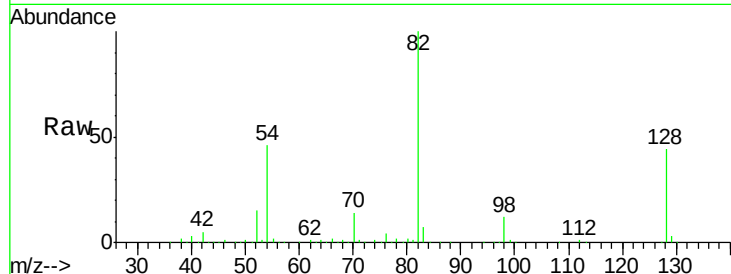
#23
 Nitrobenzene-d5
 Concen: 83.19 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.02 min
 Lab File: BF085866.D
 Acq: 29 Mar 2016 23:22

Instrument :
 BNA_F
 ClientSampled :
 TP-9

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	674675		
128	44.2		41.8	62.8
54	46.4		33.4	50.0

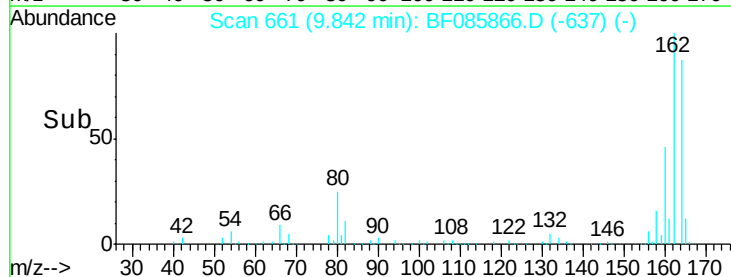
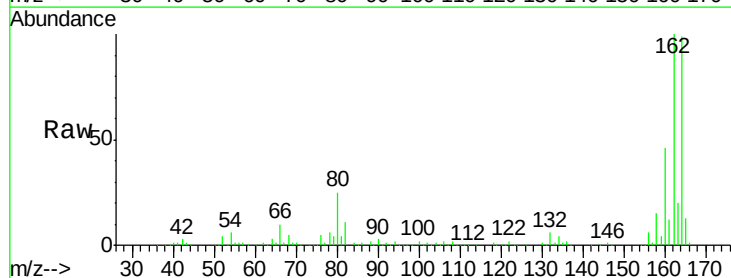
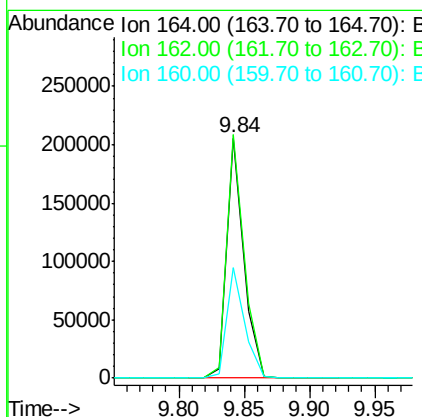
Manual Integrations
 APPROVED

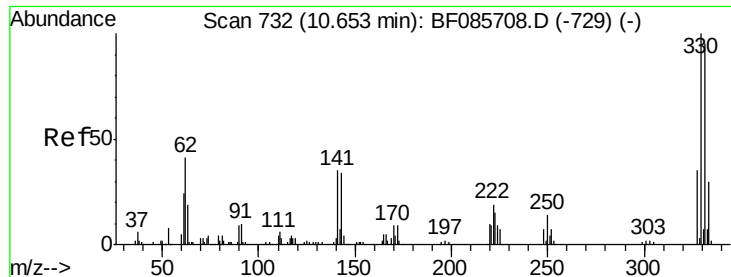
Sohil
 3/30/2016 7:07:13 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF085866.D
 Acq: 29 Mar 2016 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	187849		
162	101.3		82.1	123.1
160	46.2		37.4	56.2





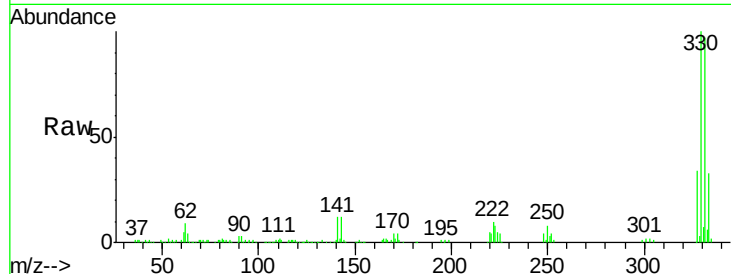
#41
 2,4,6-Tribromophenol
 Concen: 129.71 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085866.D
 Acq: 29 Mar 2016 23:22

Instrument :
 BNA_F
 ClientSampled :
 TP-9

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	231501		
332	96.1	78.2	117.2	
141	33.5	31.5	47.3	

Manual Integrations
 APPROVED

Sohil
 3/30/2016 7:07:13 PM

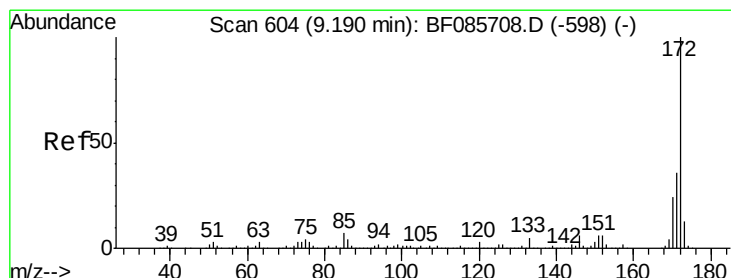
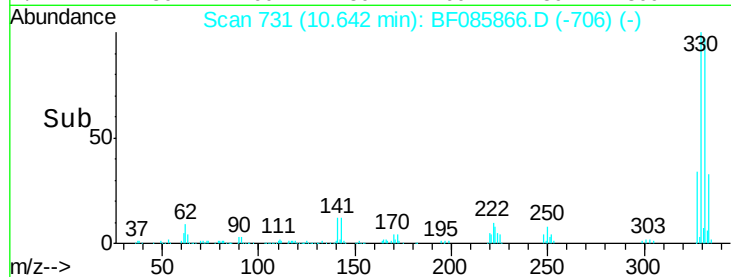
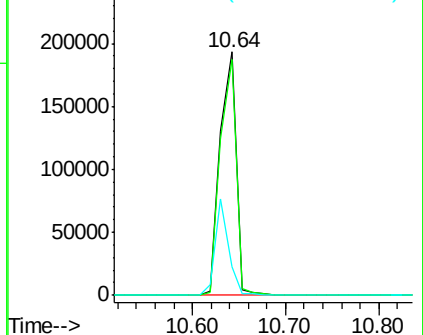


Abundance

Ion 329.80 (329.50 to 330.50): E

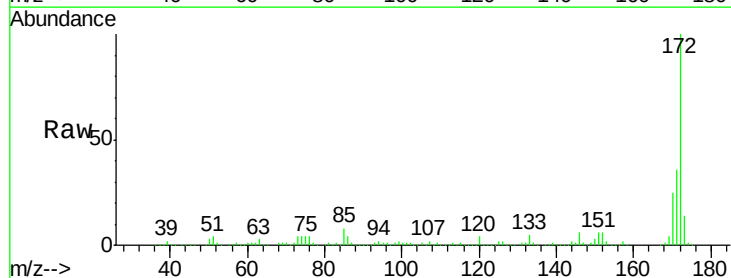
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.04 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF085866.D
 Acq: 29 Mar 2016 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	843700		
171	36.5	29.4	44.2	
170	24.6	19.8	29.6	

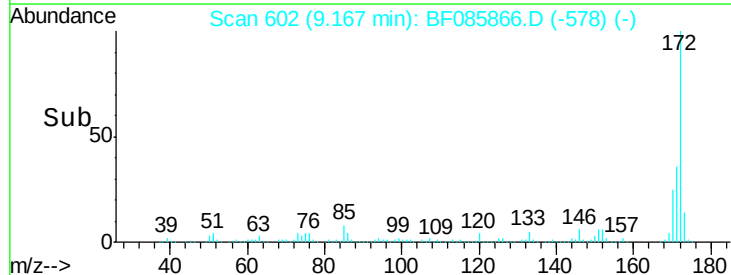
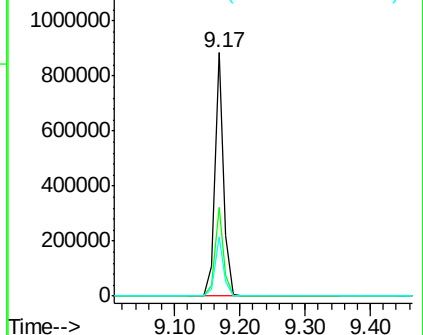


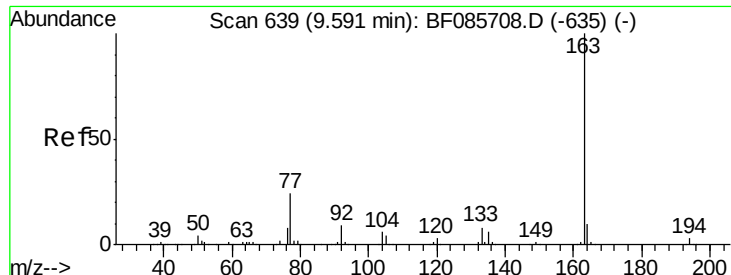
Abundance

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





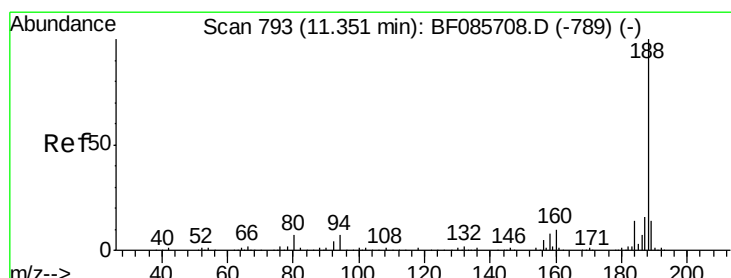
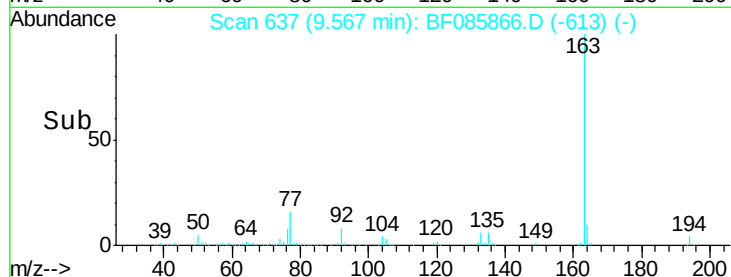
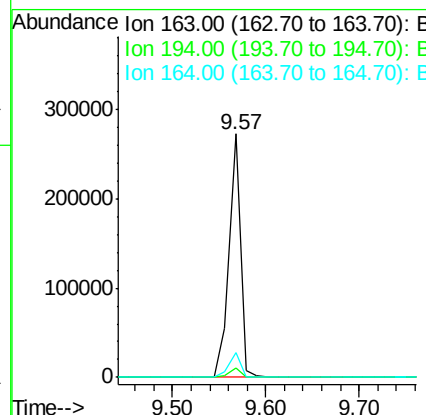
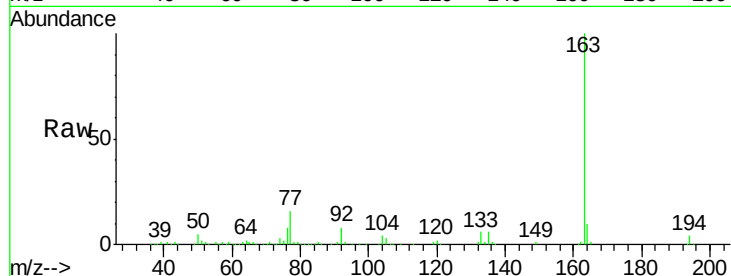
#49
Dimethylphthalate
Concen: 16.40 ng
RT: 9.57 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF085866.D
Acq: 29 Mar 2016 23:22

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	2.9	4.3
164	9.9	8.3	12.5

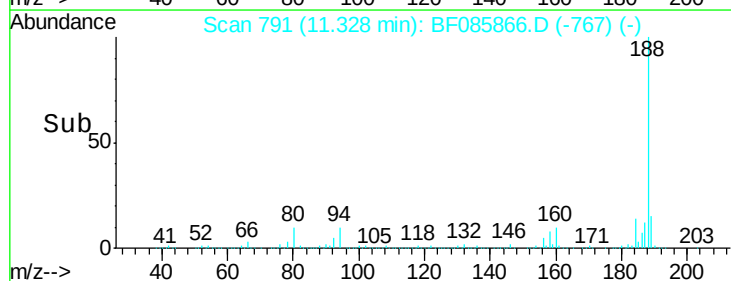
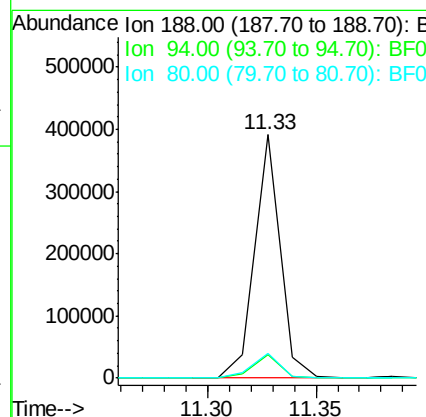
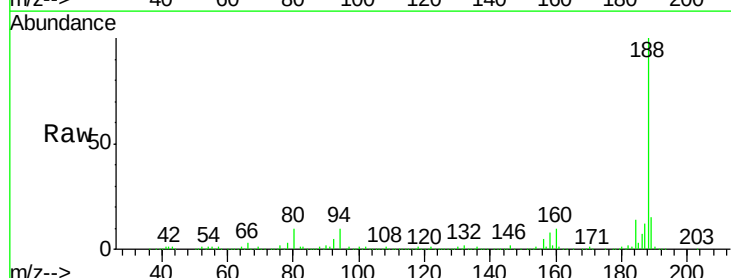
Manual Integrations
APPROVED

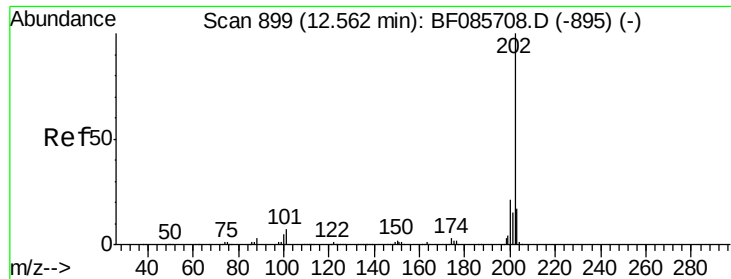
Sohil
3/30/2016 7:07:13 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF085866.D
Acq: 29 Mar 2016 23:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.5	5.4	8.0#
80	9.9	5.5	8.3#





#74

Fluoranthene

Concen: 2.18 ng

RT: 12.54 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF085866.D

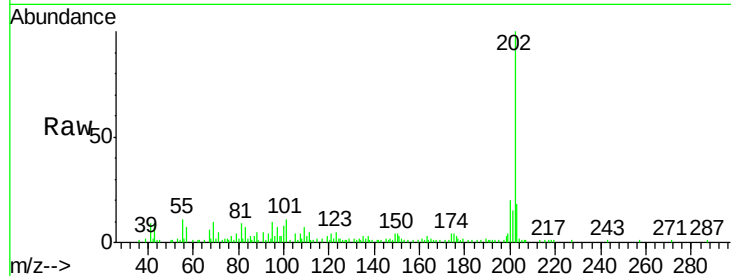
Acq: 29 Mar 2016 23:22

Instrument :

BNA_F

ClientSampleId :

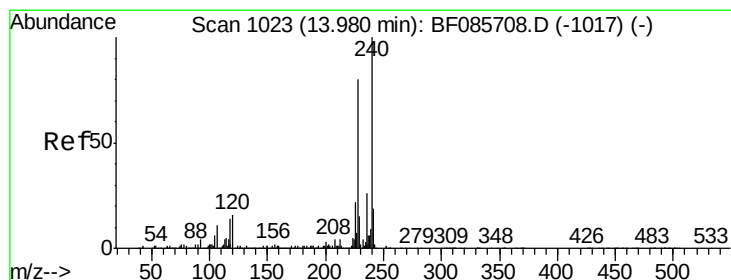
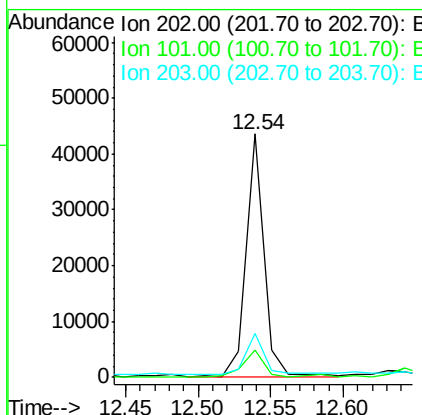
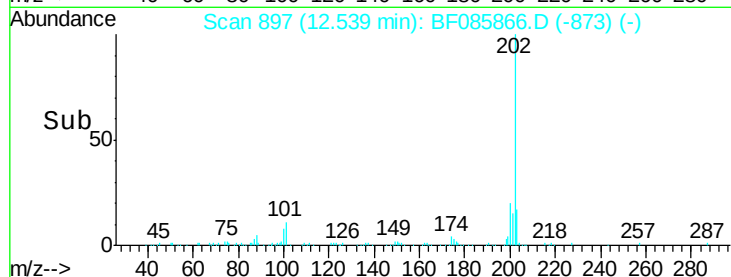
TP-9



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	37989		
101	11.4	0.0	36.6	
203	18.0	0.0	38.1	

Manual Integrations
APPROVED

Sohil
3/30/2016 7:07:13 PM



#75

Chrysene-d12

Concen: 20.00 ng

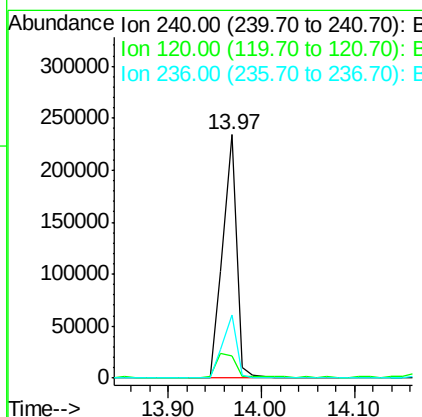
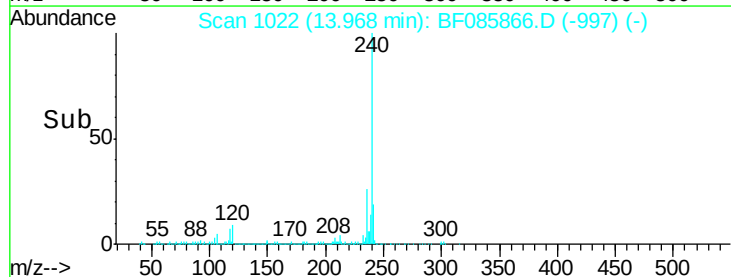
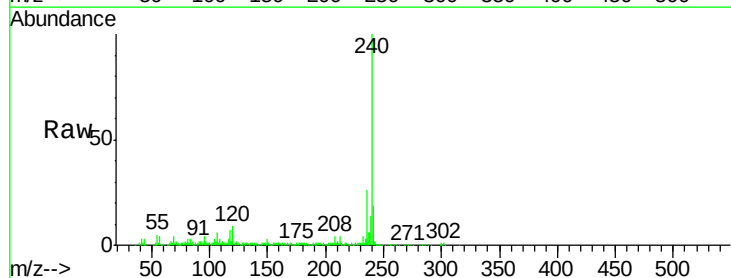
RT: 13.97 min Scan# 1022

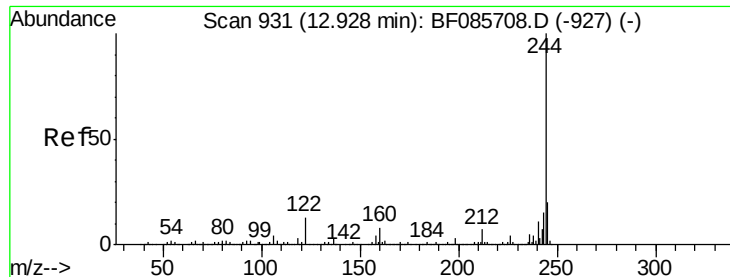
Delta R.T. -0.01 min

Lab File: BF085866.D

Acq: 29 Mar 2016 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	244668		
120	9.2	13.8	20.8#	
236	25.9	20.6	30.8	





#78

Terphenyl-d14

Concen: 40.91 ng

RT: 12.92 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF085866.D

Acq: 29 Mar 2016 23:22

Instrument :

BNA_F

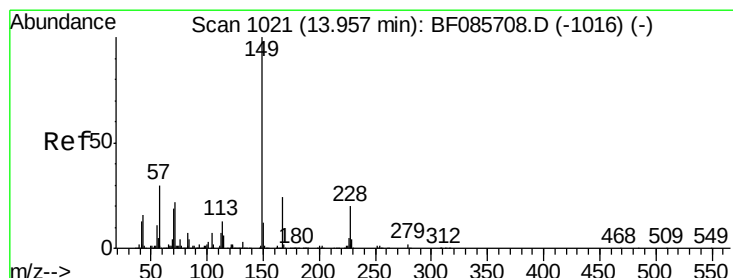
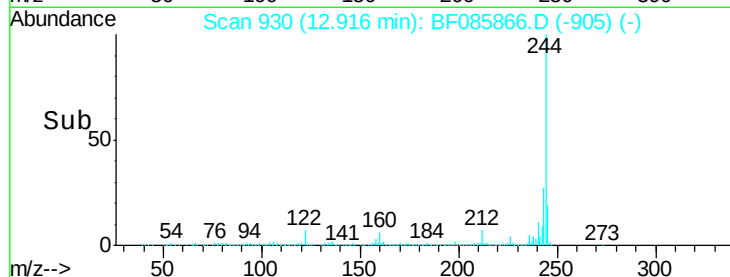
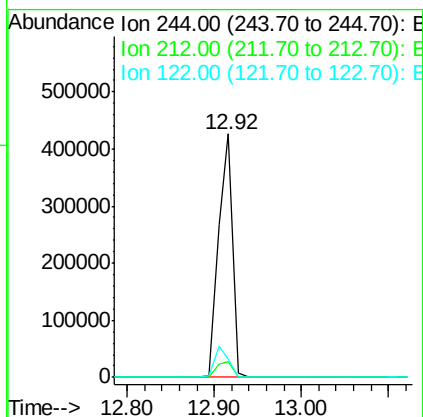
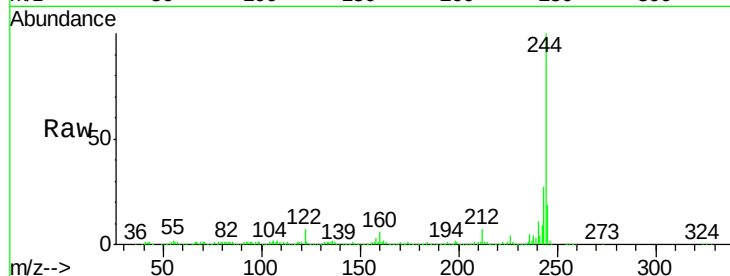
ClientSampled :

TP-9

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.1	9.1
122	7.3	10.2	15.4

Manual Integrations
APPROVED

Sohil
3/30/2016 7:07:13 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 40.76 ng

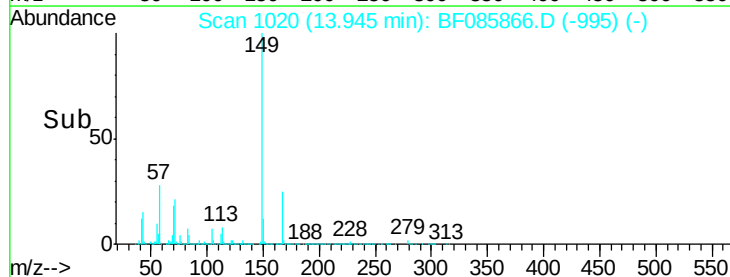
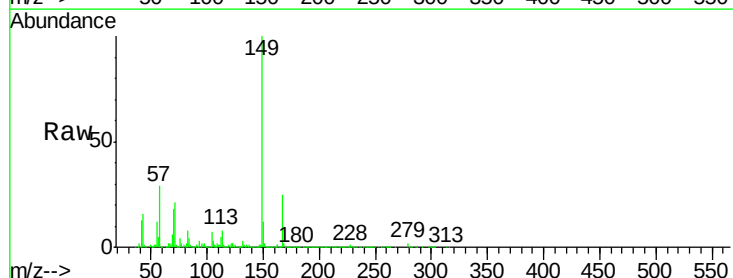
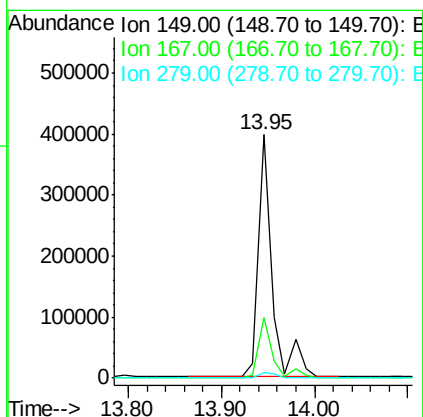
RT: 13.95 min Scan# 1020

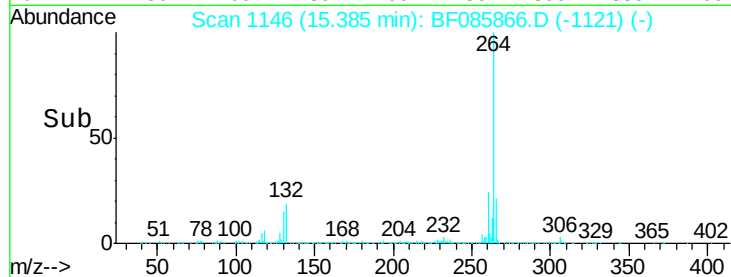
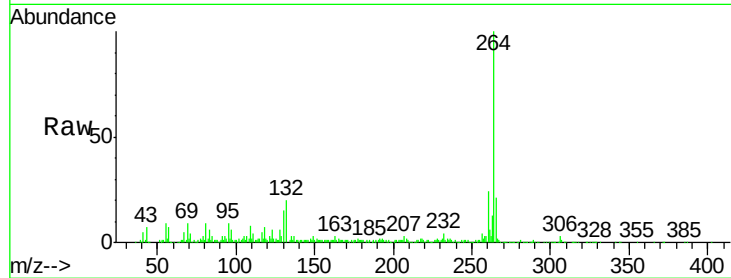
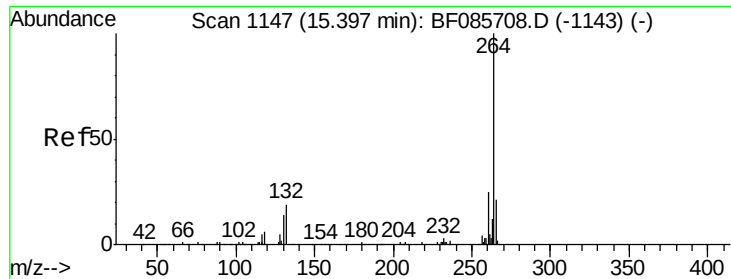
Delta R.T. -0.01 min

Lab File: BF085866.D

Acq: 29 Mar 2016 23:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.0	19.4	29.2
279	2.2	1.5	2.3





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF085866.D
Acq: 29 Mar 2016 23:22

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.4	17.2	25.8

Manual Integrations
APPROVED

Sohil
3/30/2016 7:07:13 PM

