

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF090980.D
 Acq On : 2 Nov 2016 15:30
 Operator : UM/SJ
 Sample : H5491-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-73-7.6-14.0

Manual Integrations
 APPROVED

Umangi
 11/3/2016 7:12:58 PM

Quant Time: Nov 03 00:50:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	157106	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	510612	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	152479	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	359949	20.00	ng	0.01
75) Chrysene-d12	13.88	240	429702	20.00	ng	-0.02
86) Perylene-d12	15.28	264	316972	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	567872	63.20	ng	-0.02
7) Phenol-d6	6.36	99	618017	50.98	ng	-0.03
23) Nitrobenzene-d5	7.29	82	838166	107.46	ng	-0.03
41) 2,4,6-Tribromophenol	10.59	330	150963	96.34	ng	0.01
44) 2-Fluorobiphenyl	9.12	172	980672	112.94	ng	0.00
78) Terphenyl-d14	12.85	244	1385898	81.26	ng	0.00
Target Compounds						
74) Fluoranthene	12.48	202	64071m	3.19	ng	Qvalue
77) Pyrene	12.70	202	259454	9.54	ng	# 90

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

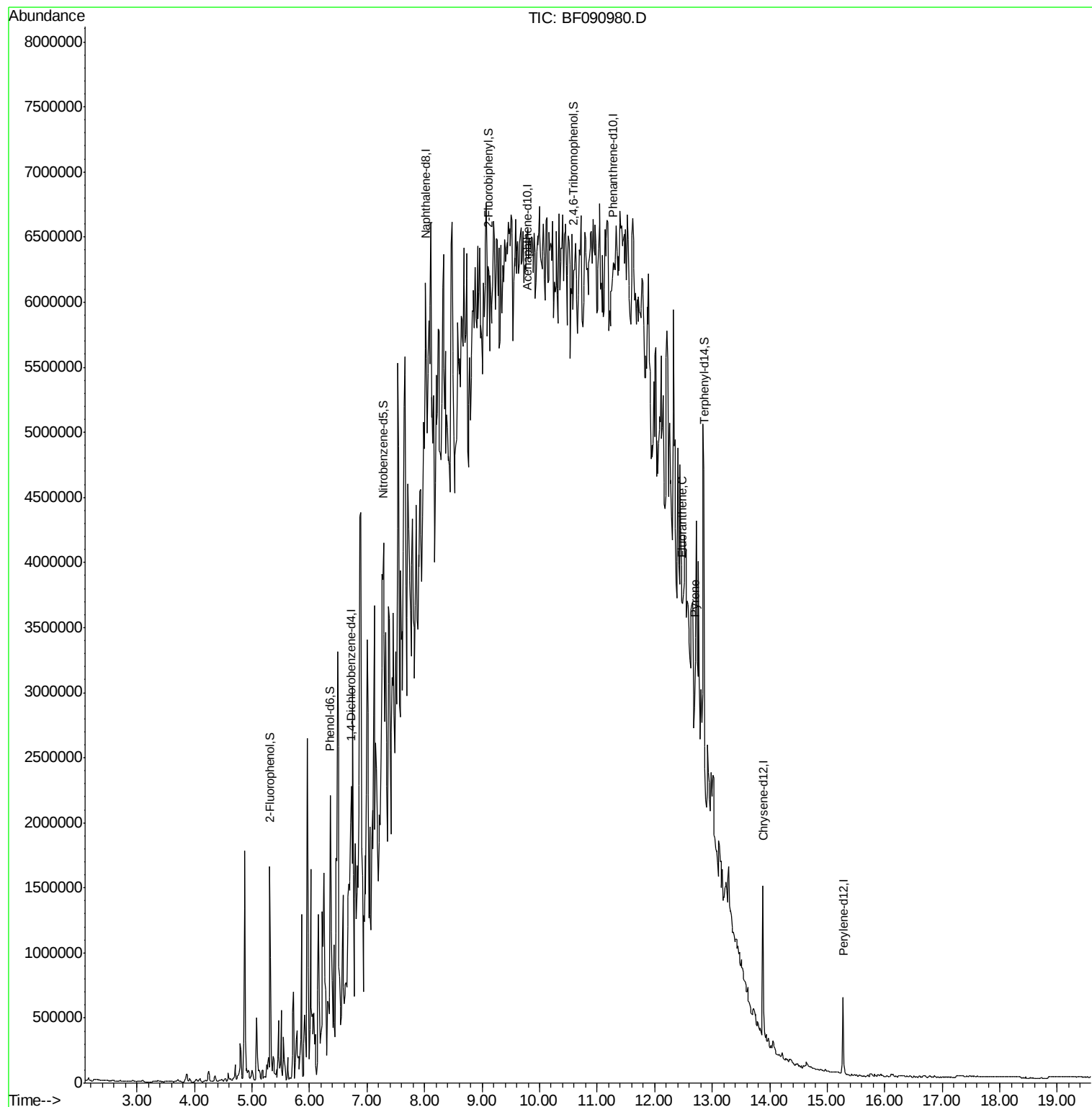
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090980.D
Acq On : 2 Nov 2016 15:30
Operator : UM/SJ
Sample : H5491-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

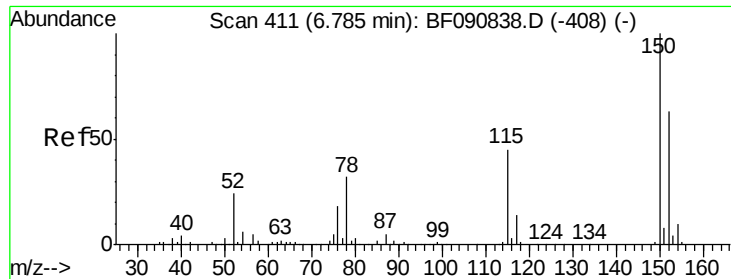
Instrument :
BNA_F
ClientSampleId :
GW-73-7.6-14.0

Manual Integrations
APPROVED

Umangi
11/3/2016 7:12:58 PM

Quant Time: Nov 03 00:50:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration

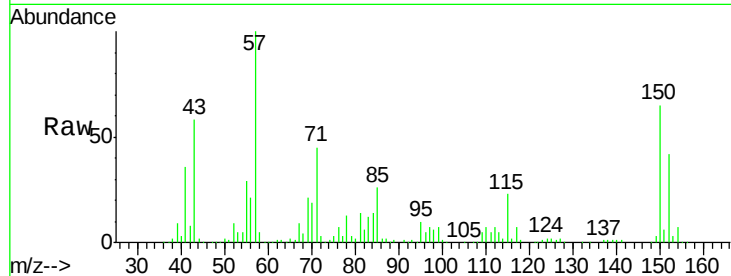




#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.73 min Scan# 406
 Delta R.T. -0.02 min
 Lab File: BF090980.D
 Acq: 2 Nov 2016 15:30

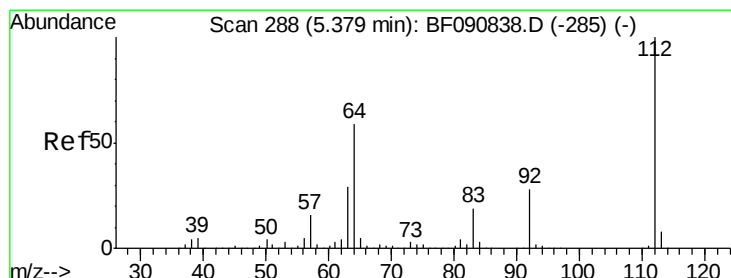
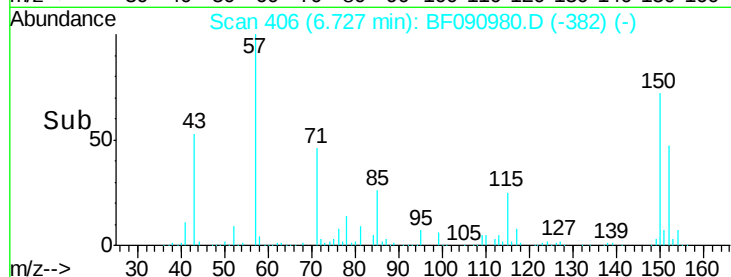
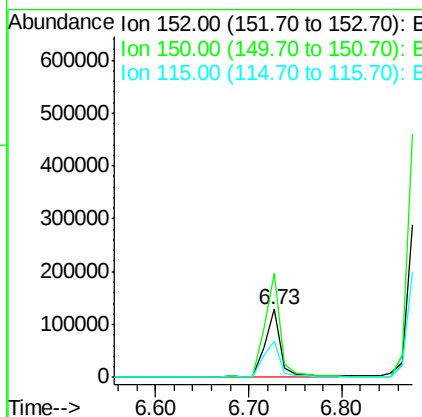
Instrument :
 BNA_F
 ClientSampleId :
 GW-73-7.6-14.0



Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.7	187.1
115	53.5	39.0	58.4

Manual Integrations
 APPROVED

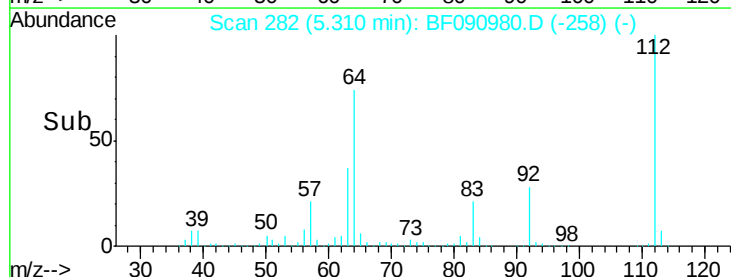
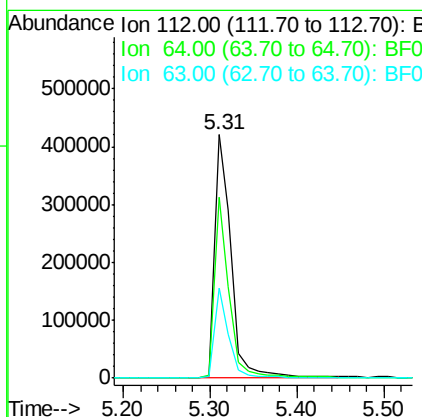
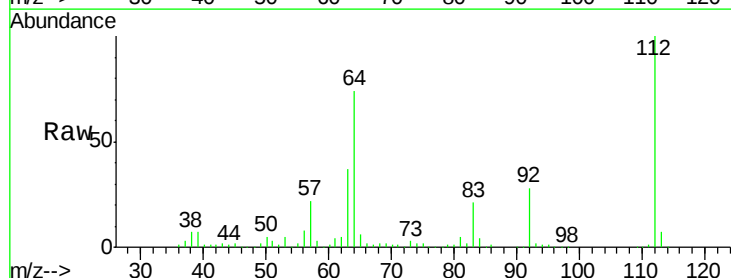
Umangi
 11/3/2016 7:12:58 PM

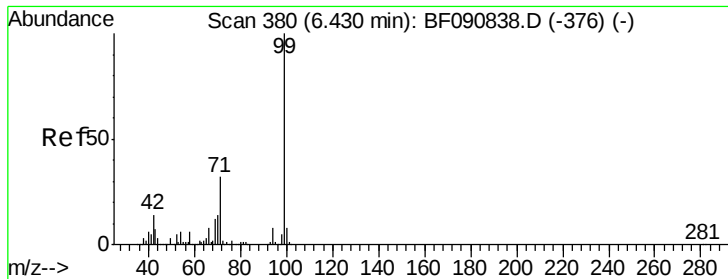


#5

2-Fluorophenol
 Concen: 63.20 ng
 RT: 5.31 min Scan# 282
 Delta R.T. -0.02 min
 Lab File: BF090980.D
 Acq: 2 Nov 2016 15:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.4	39.7	59.5#
63	36.7	17.4	26.0#





#7

Phenol-d6

Concen: 50.98 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.03 min

Lab File: BF090980.D

Acq: 2 Nov 2016 15:30

Instrument :

BNA_F

ClientSampleId :

GW-73-7.6-14.0

Tgt Ion: 99 Resp: 618017

Ion Ratio Lower Upper

99 100

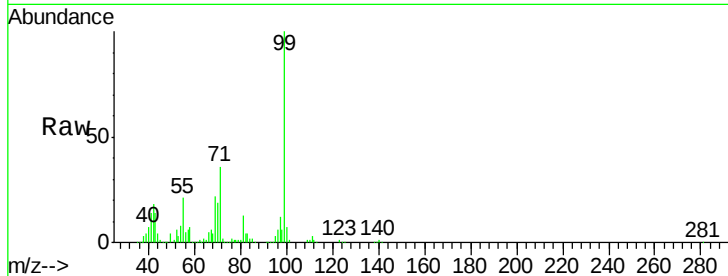
42 18.4 13.7 20.5

71 36.1 14.2 21.2#

Manual Integrations
APPROVED

Umangi

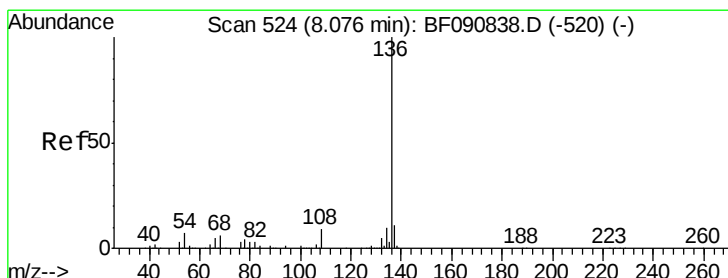
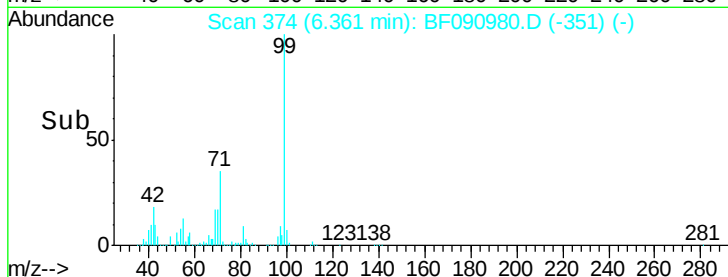
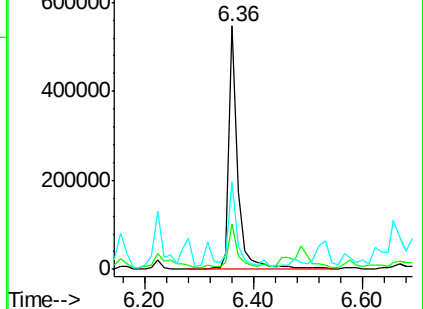
11/3/2016 7:12:58 PM



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: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF090980.D

Acq: 2 Nov 2016 15:30

Tgt Ion: 136 Resp: 510612

Ion Ratio Lower Upper

136 100

137 16.3 9.0 13.6#

54 15.8 8.2 12.2#

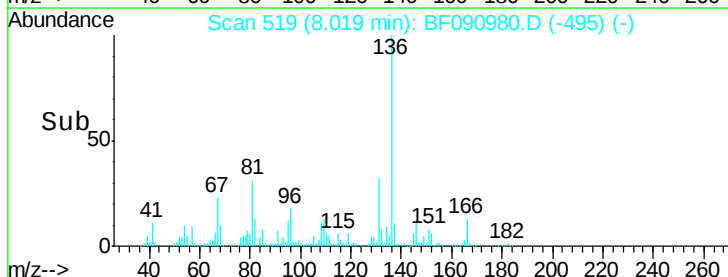
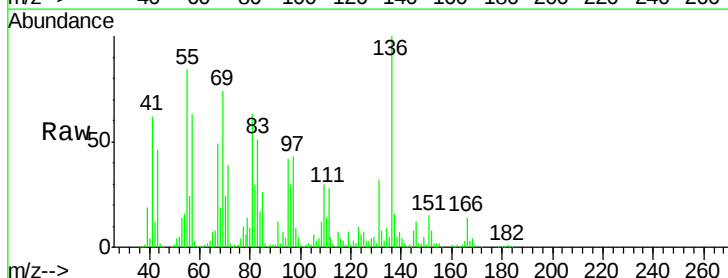
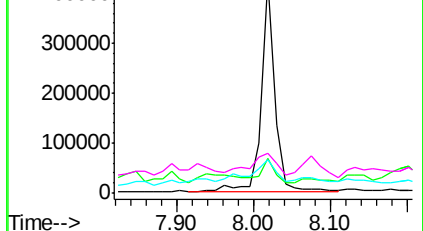
68 18.8 5.8 8.6#

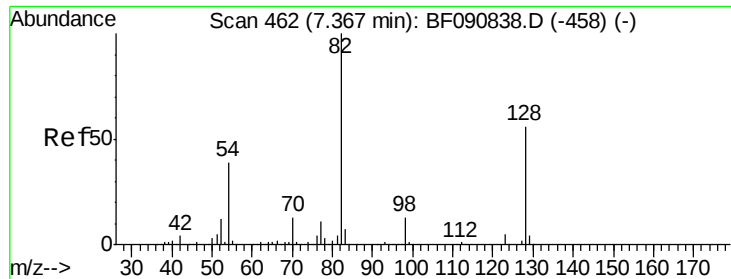
Abundance Ion 136.00 (135.70 to 136.70): E

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





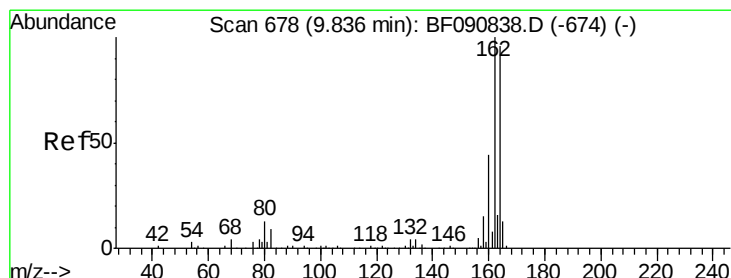
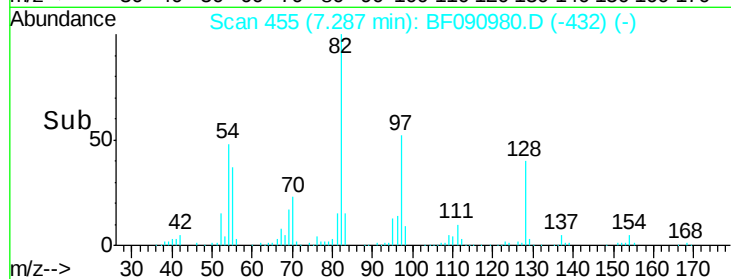
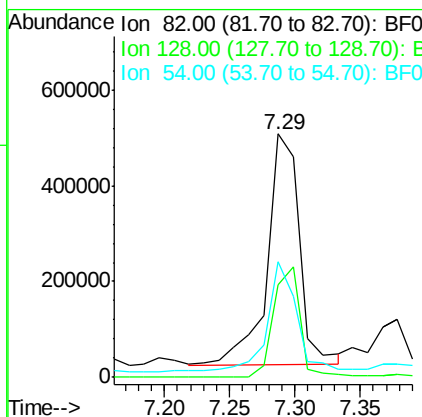
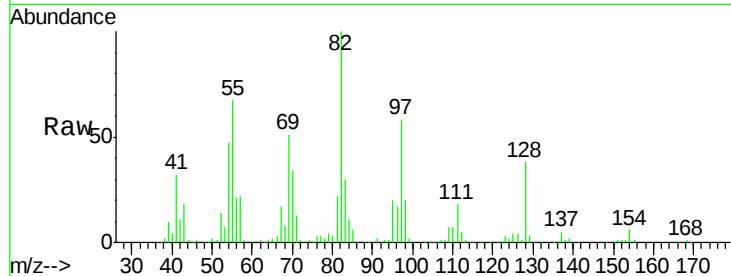
#23
 Nitrobenzene-d5
 Concen: 107.46 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.03 min
 Lab File: BF090980.D
 Acq: 2 Nov 2016 15:30

Instrument :
 BNA_F
 ClientSampleId :
 GW-73-7.6-14.0

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.2	51.0	76.6#	
54	47.5	47.5	71.3#	

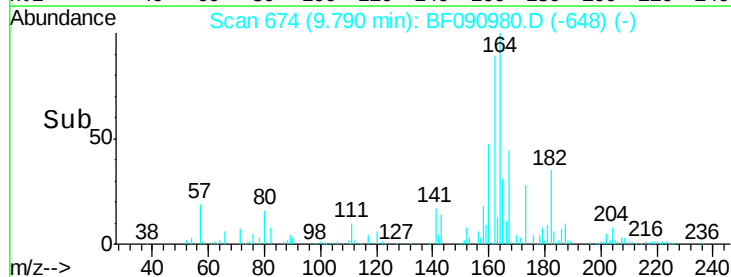
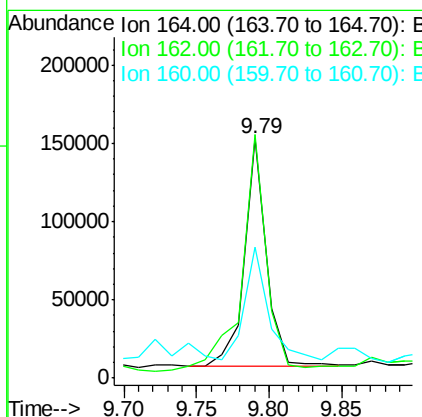
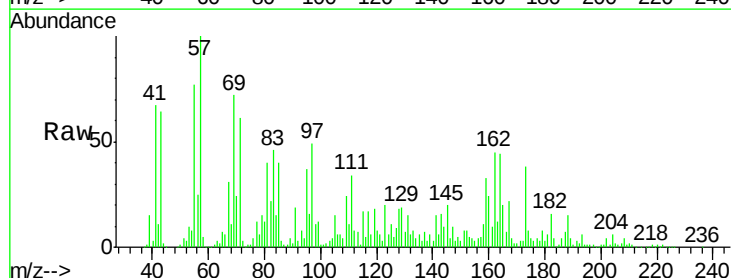
Manual Integrations
 APPROVED

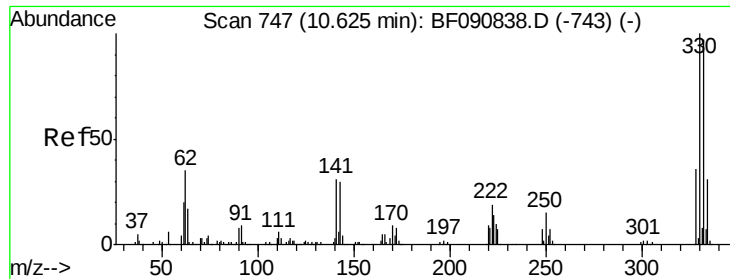
Umangi
 11/3/2016 7:12:58 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BF090980.D
 Acq: 2 Nov 2016 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.6	75.2	112.8	
160	54.4	31.5	47.3#	





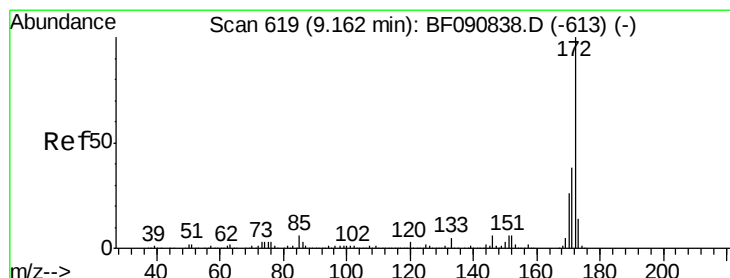
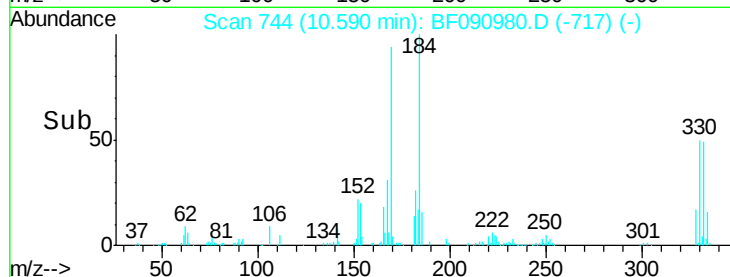
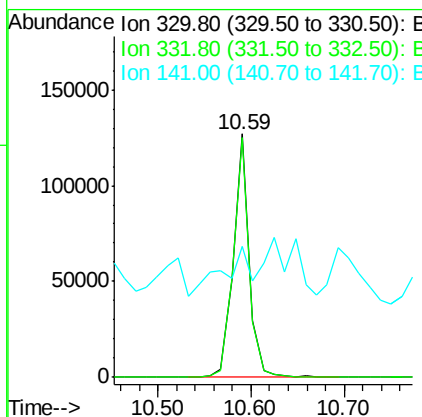
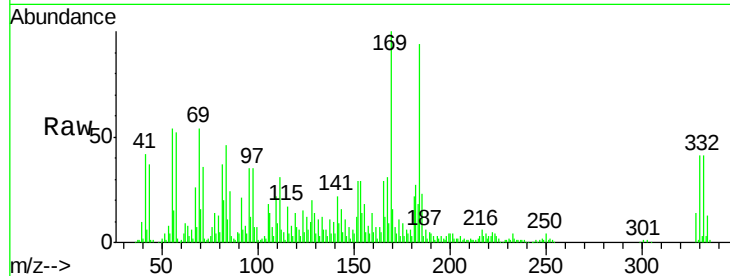
#41
 2,4,6-Tribromophenol
 Concen: 96.34 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.01 min
 Lab File: BF090980.D
 Acq: 2 Nov 2016 15:30

Instrument :
 BNA_F
 ClientSampleId :
 GW-73-7.6-14.0

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	150963		
332	98.6	76.6	114.8	
141	35.5	29.7	44.5	

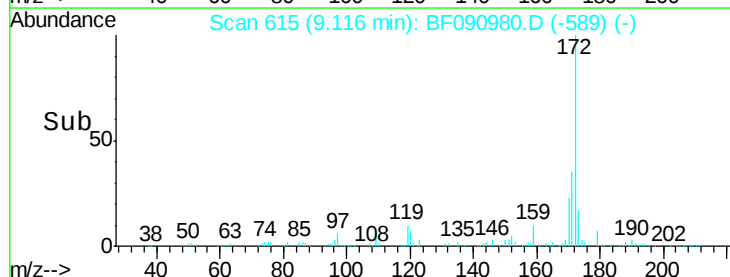
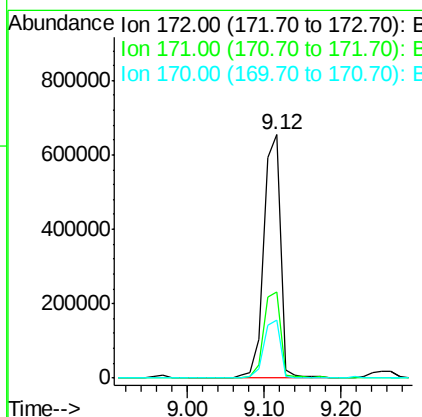
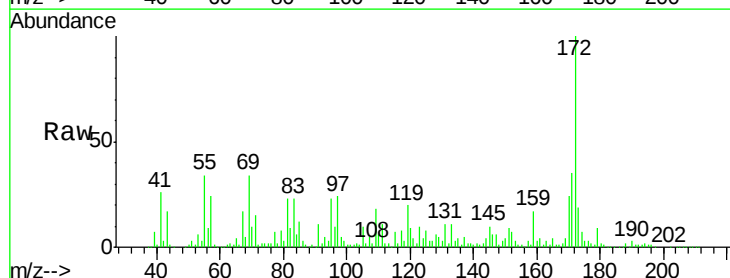
Manual Integrations
 APPROVED

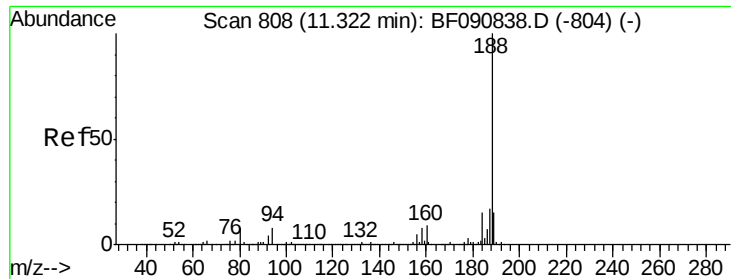
Umangi
 11/3/2016 7:12:58 PM



#44
 2-Fluorobiphenyl
 Concen: 112.94 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF090980.D
 Acq: 2 Nov 2016 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	980672		
171	35.4	26.1	39.1	
170	23.7	17.4	26.2	





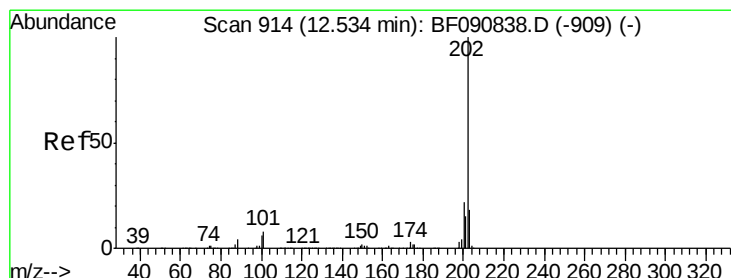
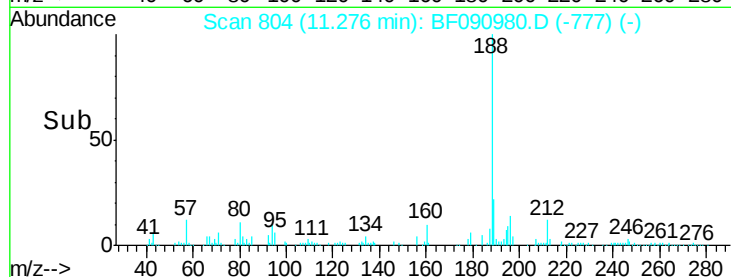
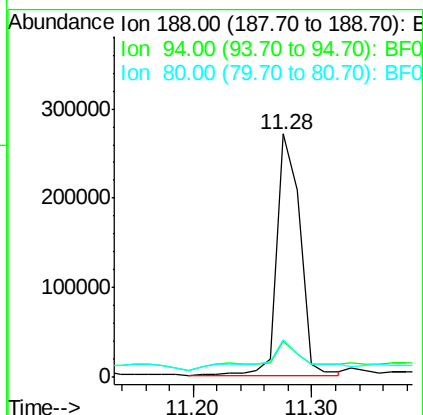
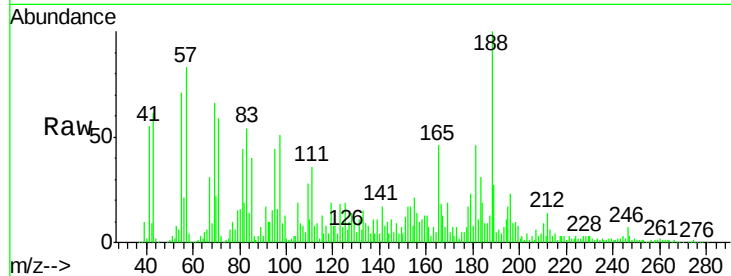
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF090980.D
Acq: 2 Nov 2016 15:30

Instrument :
BNA_F
ClientSampleId :
GW-73-7.6-14.0

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	14.9	11.1	16.7
80	15.6	11.0	16.4

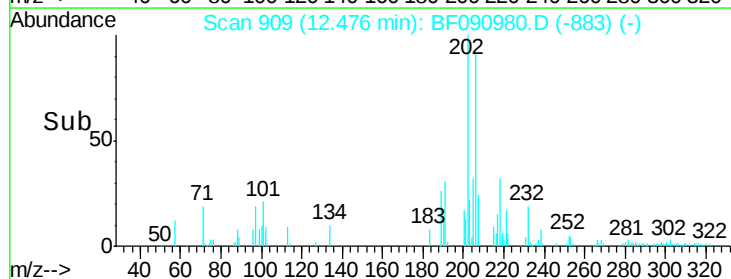
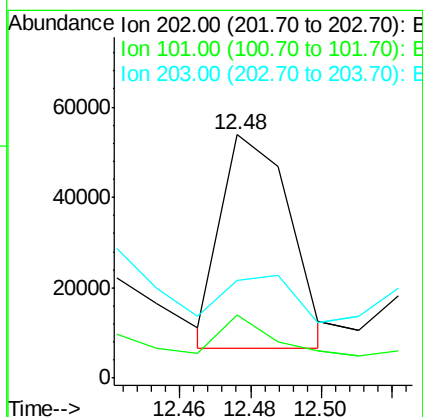
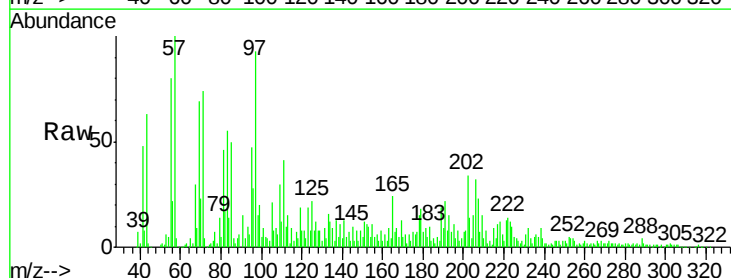
Manual Integrations
APPROVED

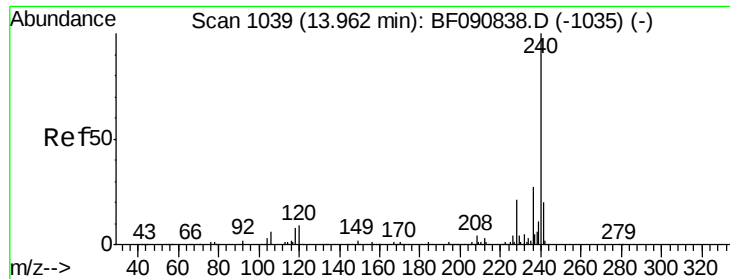
Umangi
11/3/2016 7:12:58 PM



#74
Fluoranthene
Concen: 3.19 ng m
RT: 12.48 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF090980.D
Acq: 2 Nov 2016 15:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	25.7	0.0	38.3
203	40.2	0.0	37.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF090980.D

Acq: 2 Nov 2016 15:30

Instrument :

BNA_F

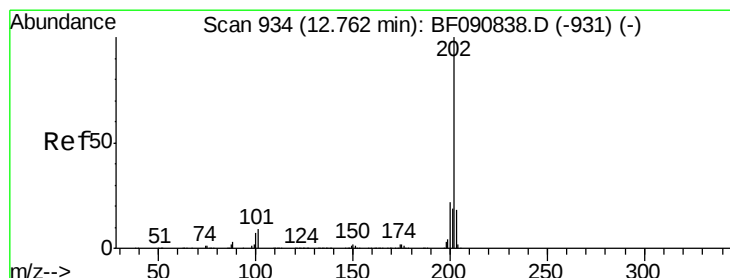
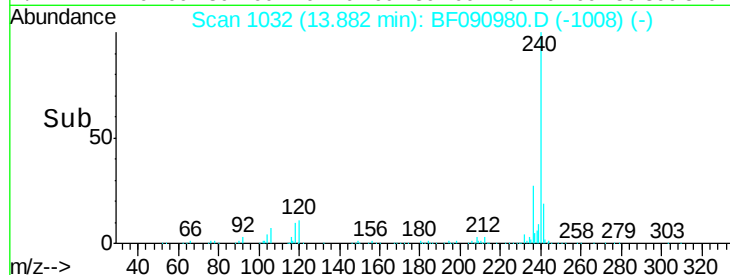
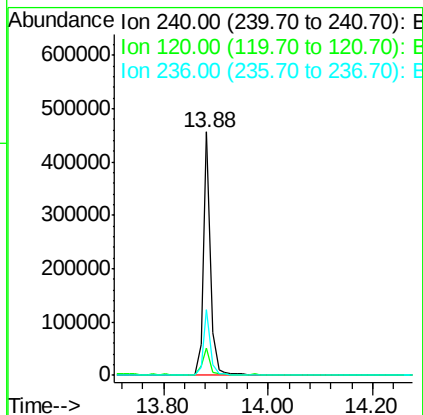
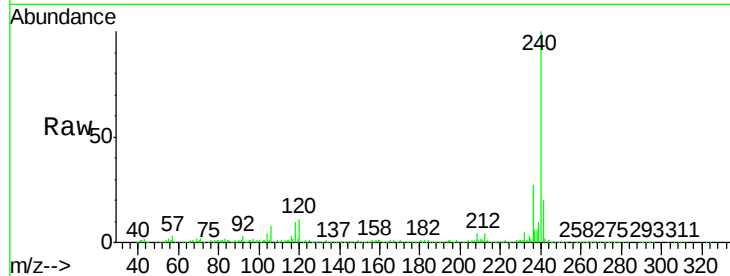
ClientSampleId :

GW-73-7.6-14.0

Tgt Ion:	240	Resp:	429702
Ion Ratio	Lower	Upper	
240	100		
120	11.4	16.2	24.2#
236	26.7	18.4	27.6

Manual Integrations
APPROVED

Umangi
11/3/2016 7:12:58 PM



#77

Pyrene

Concen: 9.54 ng

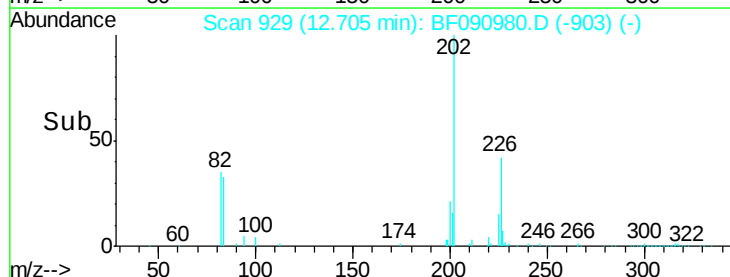
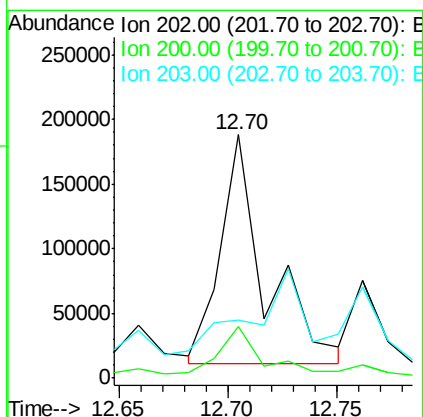
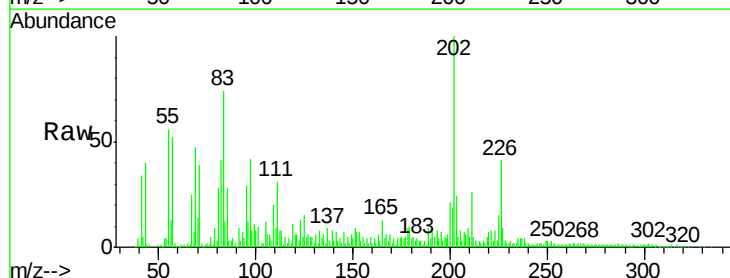
RT: 12.70 min Scan# 929

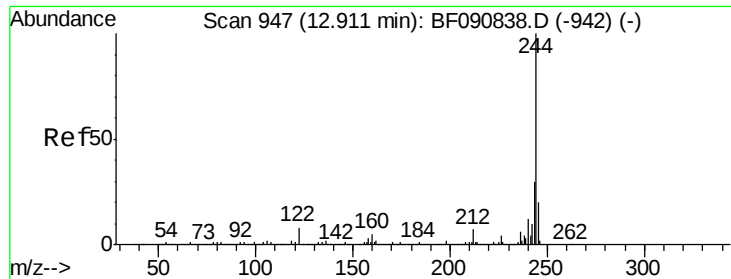
Delta R.T. -0.00 min

Lab File: BF090980.D

Acq: 2 Nov 2016 15:30

Tgt Ion:	202	Resp:	259454
Ion Ratio	Lower	Upper	
202	100		
200	21.2	15.0	22.4
203	23.7	14.1	21.1#





#78

Terphenyl-d14

Concen: 81.26 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF090980.D

Acq: 2 Nov 2016 15:30

Instrument :

BNA_F

ClientSampleId :

GW-73-7.6-14.0

Tgt Ion:244 Resp: 1385898

Ion Ratio Lower Upper

244 100

212 5.9 4.3 6.5

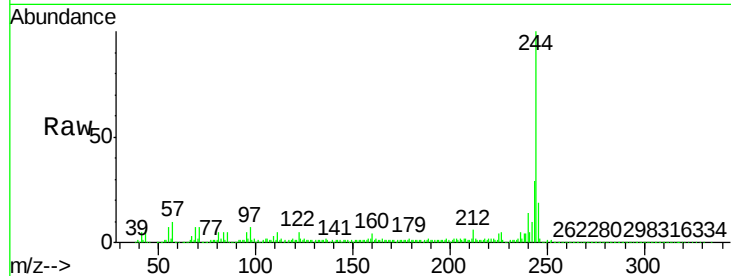
122 5.2 17.4 26.2#

Manual Integrations

APPROVED

Umangi

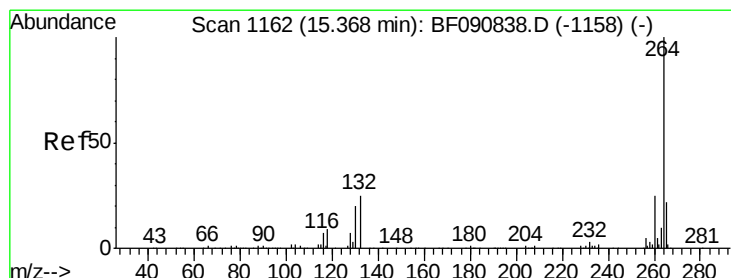
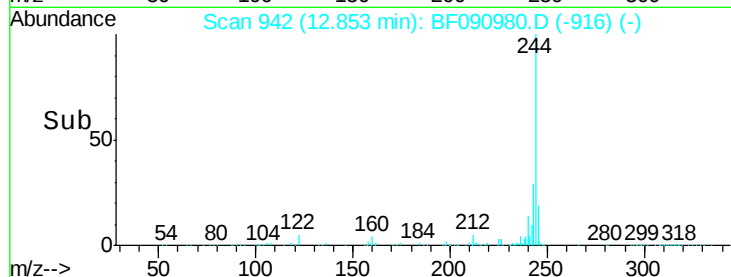
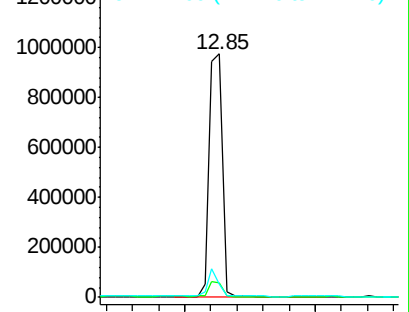
11/3/2016 7:12:58 PM



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: 15.28 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF090980.D

Acq: 2 Nov 2016 15:30

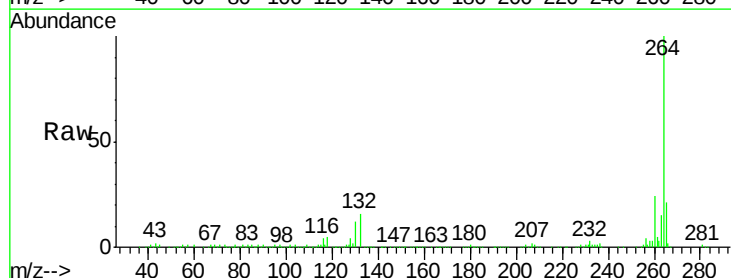
Tgt Ion:264 Resp: 316972

Ion Ratio Lower Upper

264 100

260 24.3 16.7 25.1

265 21.4 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

