

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083512.D
 Acq On : 5 Dec 2015 13:58
 Operator : UM/IZ
 Sample : G4595-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151125MGP225BRV78

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:30:55 PM

Quant Time: Dec 07 01:22:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	143445	20.00	ng	0.00
21) Naphthalene-d8	7.66	136	554328	20.00	ng	-0.01
38) Acenaphthene-d10	10.45	164	276567	20.00	ng	-0.01
63) Phenanthrene-d10	12.85	188	509275	20.00	ng	0.00
75) Chrysene-d12	17.04	240	420244	20.00	ng	-0.01
86) Perylene-d12	18.67	264	314965	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.04	112	498105	52.68	ng	0.01
7) Phenol-d6	5.32	99	408467	31.35	ng	0.00
23) Nitrobenzene-d5	6.59	82	1005620	84.80	ng	-0.01
41) 2,4,6-Tribromophenol	11.74	330	329943	129.33	ng	-0.01
44) 2-Fluorobiphenyl	9.41	172	1640904	80.47	ng	-0.01
78) Terphenyl-d14	15.48	244	1612827	85.40	ng	0.00
Target Compounds						
51) Acenaphthene	10.51	154	292315	16.75	ng	Qvalue 100
57) Fluorene	11.34	166	45207m	2.15	ng	

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

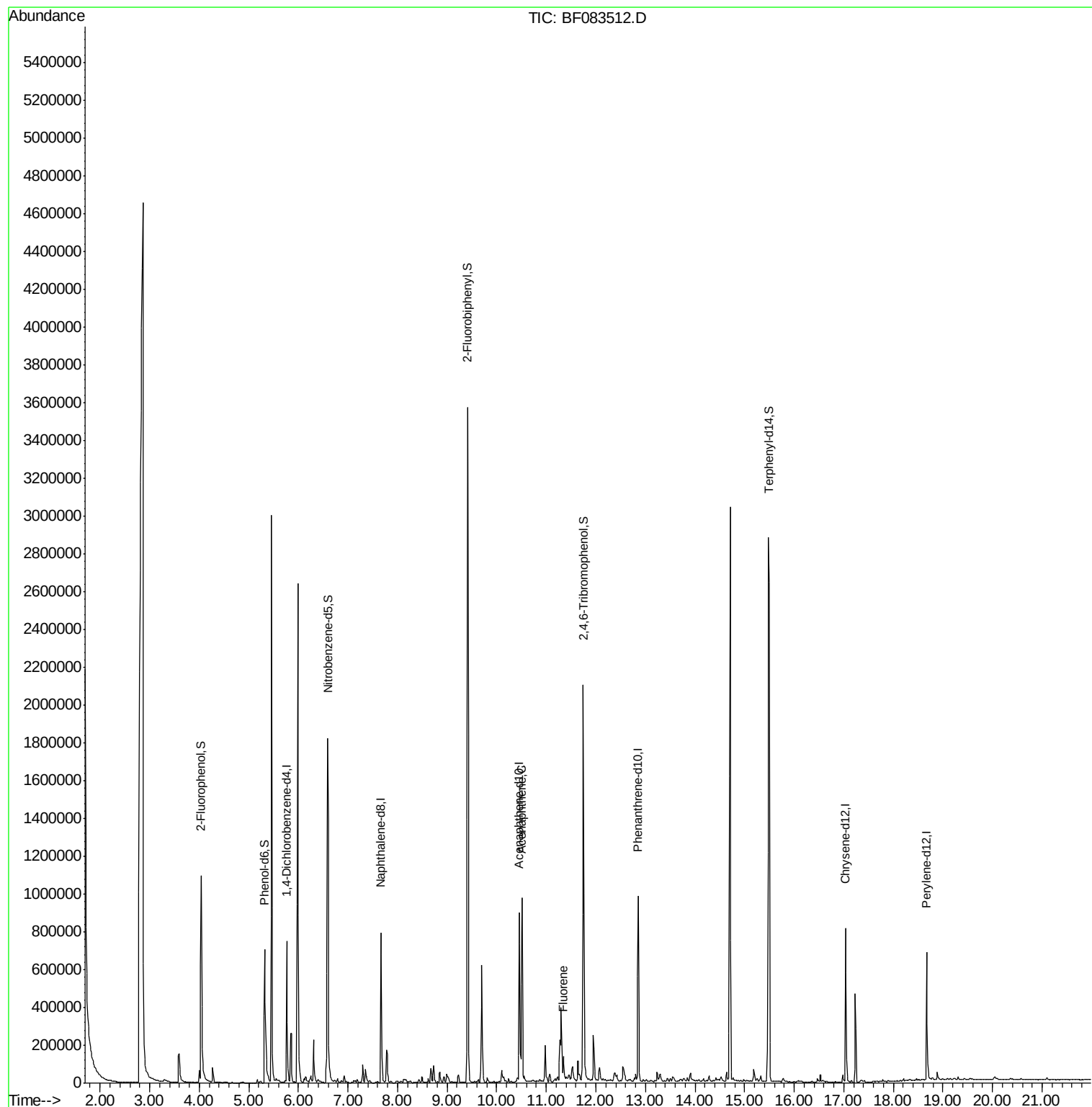
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083512.D
Acq On : 5 Dec 2015 13:58
Operator : UM/IZ
Sample : G4595-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

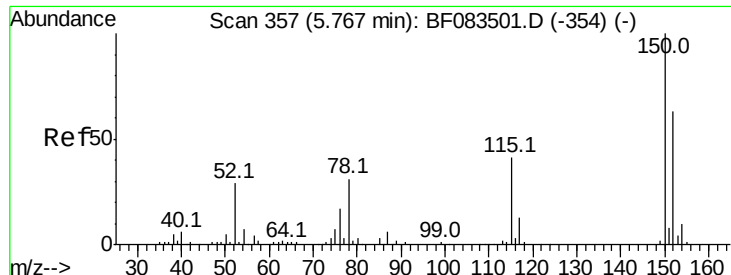
Instrument :
BNA_F
ClientSampleId :
20151125MGP225BRV78

Manual Integrations
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12/7/2015 6:30:55 PM

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
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#1

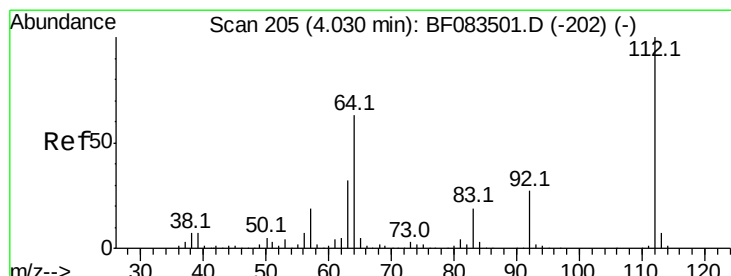
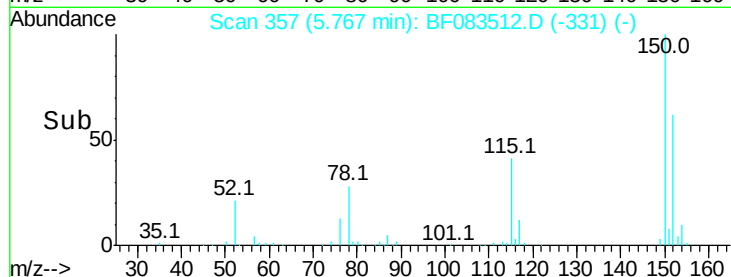
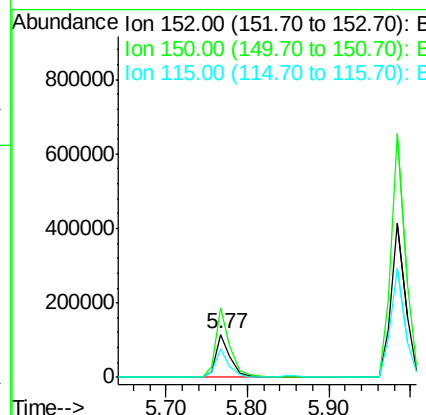
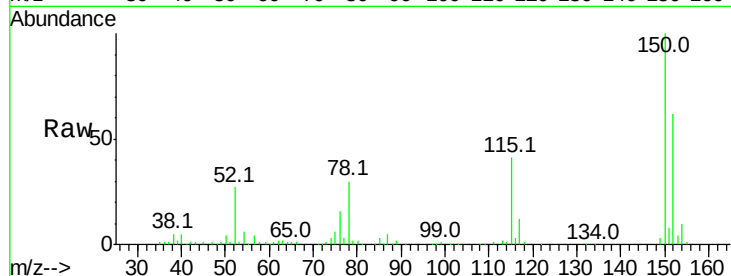
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 357
Delta R.T. 0.00 min
Lab File: BF083512.D
Acq: 5 Dec 2015 13:58

Instrument :
BNA_F
ClientSampleId :
20151125MGP225BRV78

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.5	189.7
115	66.9	52.3	78.5

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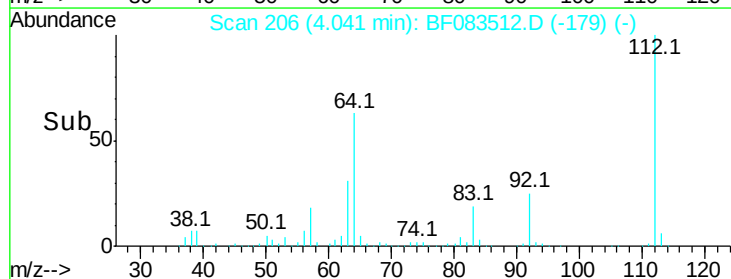
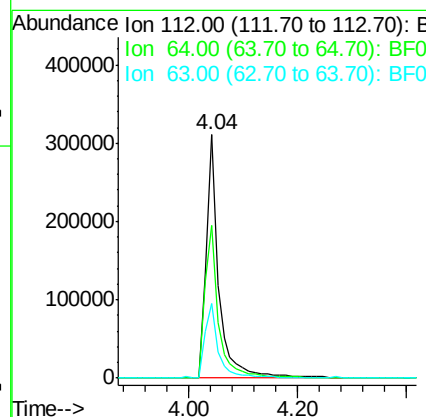
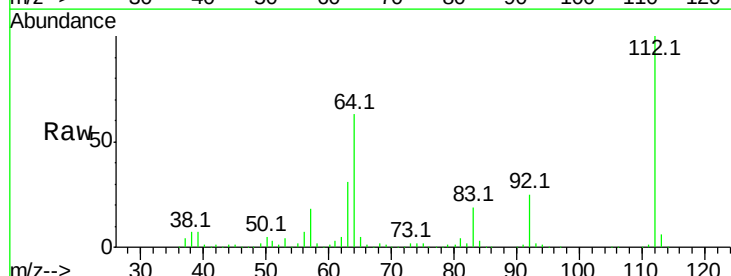
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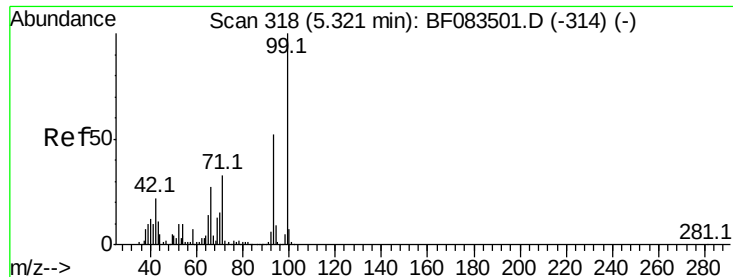


#5

2-Fluorophenol
Concen: 52.68 ng
RT: 4.04 min Scan# 206
Delta R.T. 0.01 min
Lab File: BF083512.D
Acq: 5 Dec 2015 13:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	50.5	75.7
63	30.9	25.8	38.6





#7

Phenol-d6

Concen: 31.35 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083512.D

Acq: 5 Dec 2015 13:58

Instrument :

BNA_F

ClientSampleId :

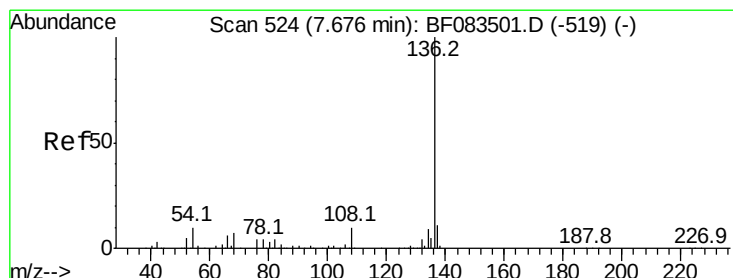
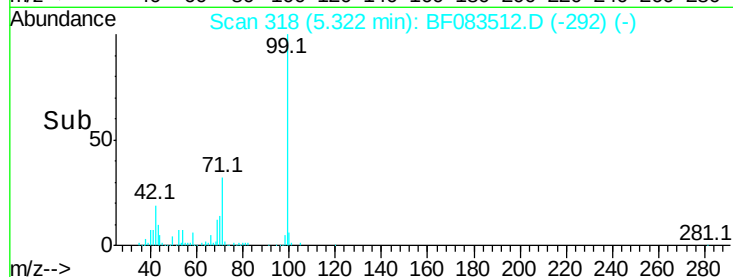
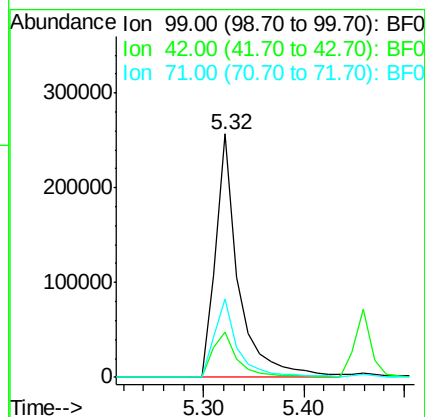
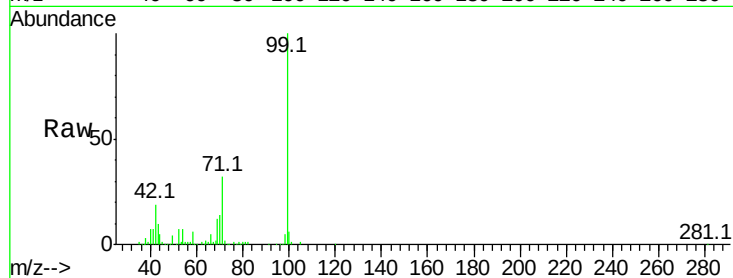
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		408467		
42	18.7	17.3	25.9		
71	32.3	26.6	40.0		



#21

Naphthalene-d8

Concen: 20.00 ng

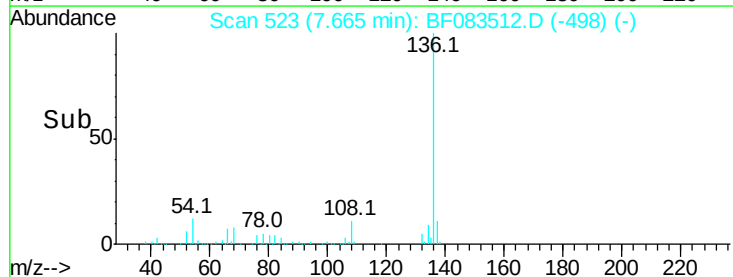
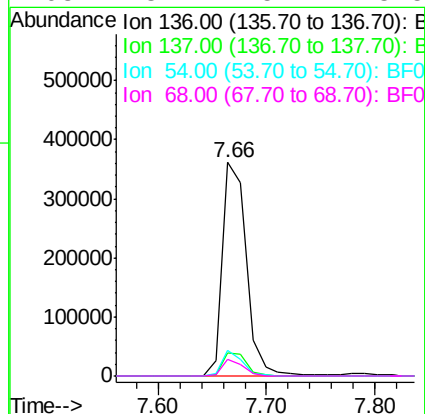
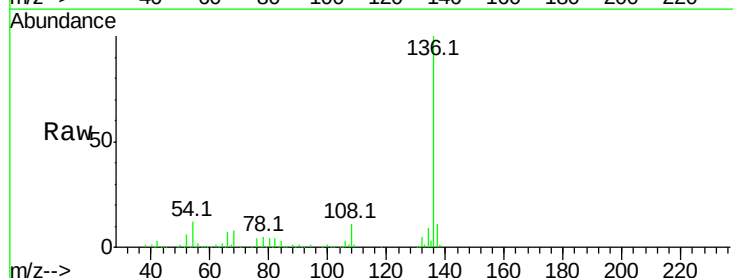
RT: 7.66 min Scan# 523

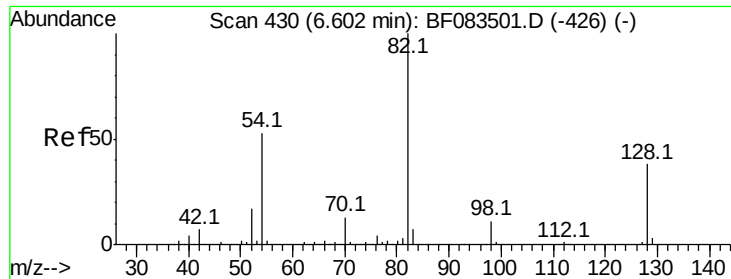
Delta R.T. -0.01 min

Lab File: BF083512.D

Acq: 5 Dec 2015 13:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		554328		
137	11.0	8.7	13.1		
54	11.9	7.8	11.6#		
68	8.1	5.7	8.5		





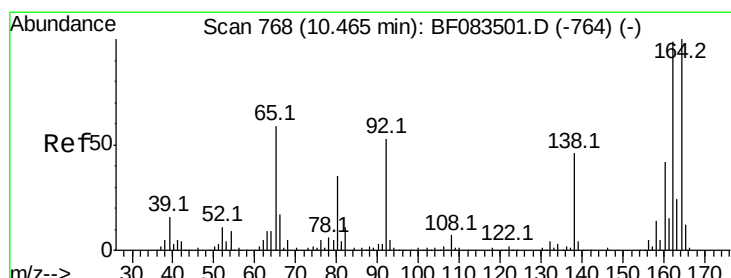
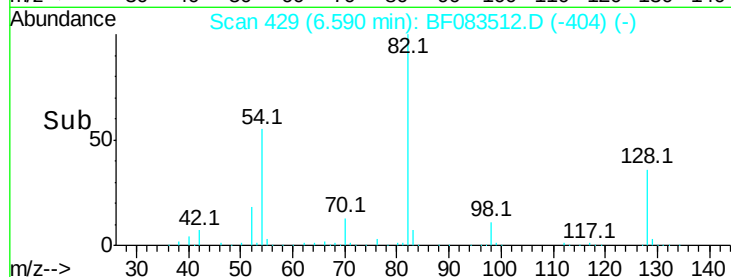
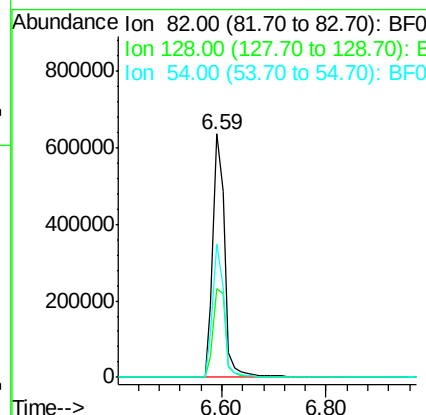
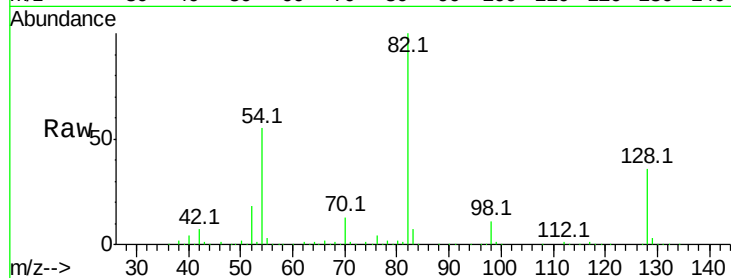
#23
 Nitrobenzene-d5
 Concen: 84.80 ng
 RT: 6.59 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BF083512.D
 Acq: 5 Dec 2015 13:58

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	82	Resp	1005620
Ion Ratio	100	Lower	Upper
128	36.5	30.7	46.1
54	54.7	42.5	63.7

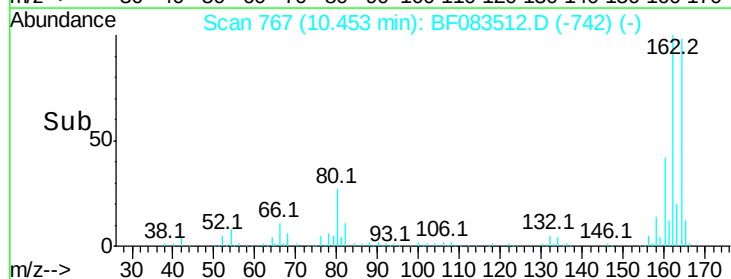
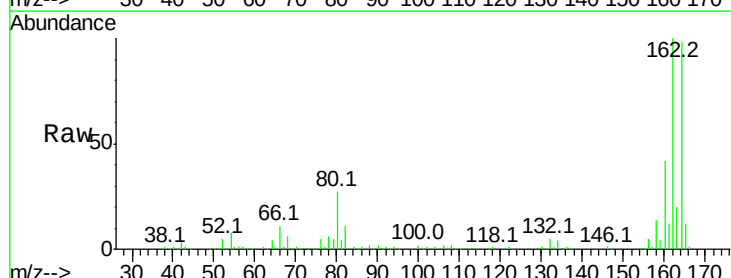
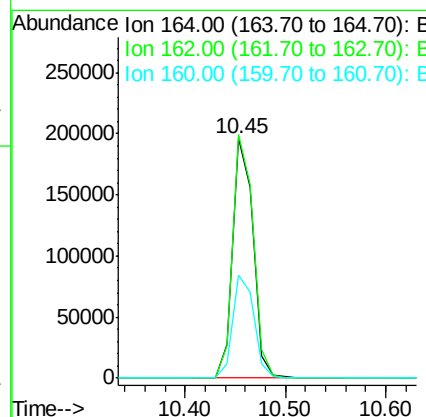
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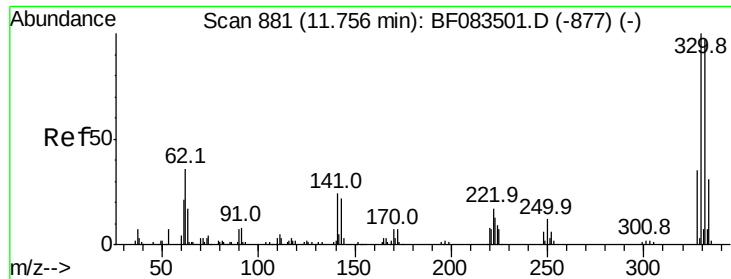
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF083512.D
 Acq: 5 Dec 2015 13:58

Tgt Ion	164	Resp	276567
Ion Ratio	100	Lower	Upper
162	101.6	78.8	118.2
160	43.1	33.4	50.2





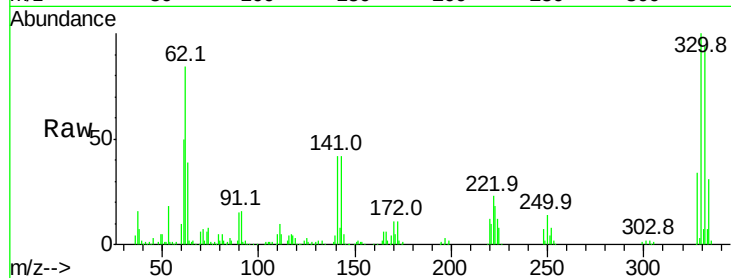
#41
 2,4,6-Tribromophenol
 Concen: 129.33 ng
 RT: 11.74 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF083512.D
 Acq: 5 Dec 2015 13:58

Instrument :
 BNA_F
 ClientSampleId :
 20151125MGP225BRV78

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	0.0	0.0	
141	37.6	0.0	0.0	

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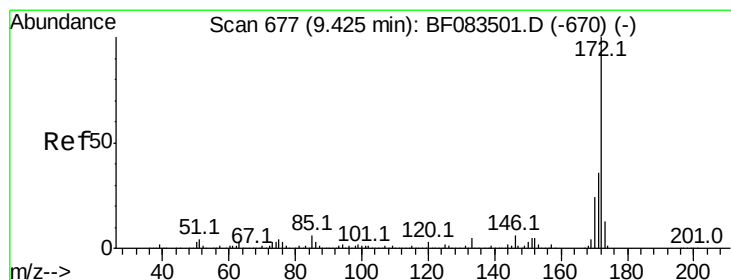
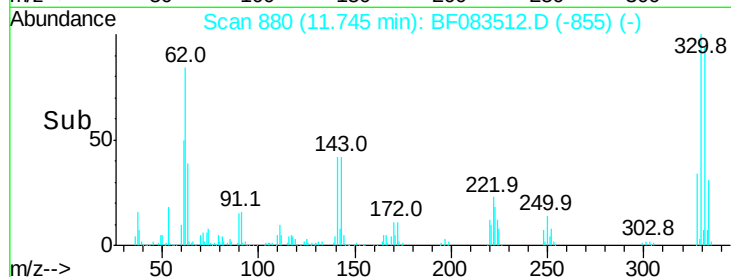
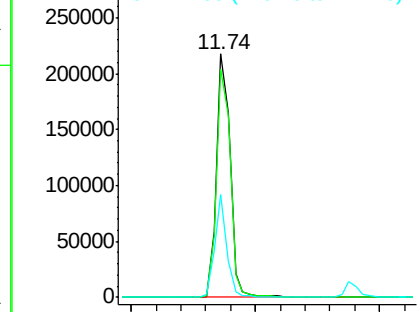


Abundance

Ion 329.80 (329.50 to 330.50): E

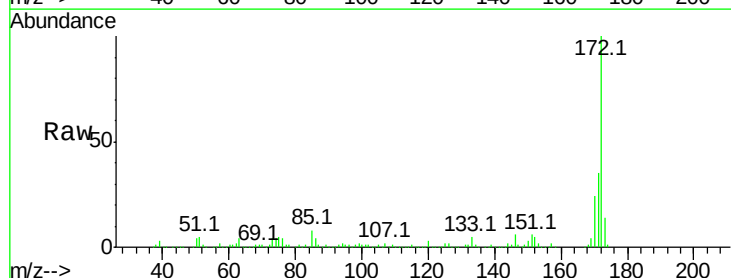
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.47 ng
 RT: 9.41 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF083512.D
 Acq: 5 Dec 2015 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.3	28.6	42.8	
170	23.9	19.4	29.0	

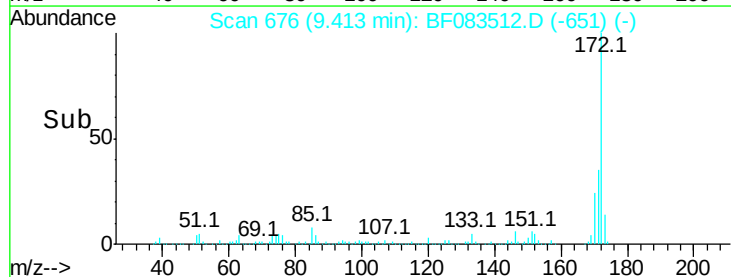
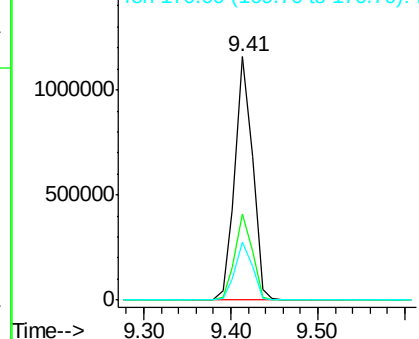


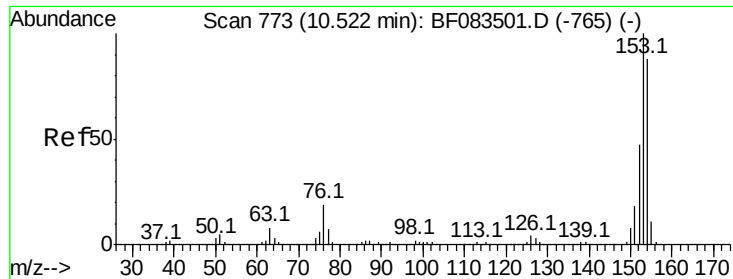
Abundance

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





#51

Acenaphthene

Concen: 16.75 ng

RT: 10.51 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF083512.D

Acq: 5 Dec 2015 13:58

Instrument :

BNA_F

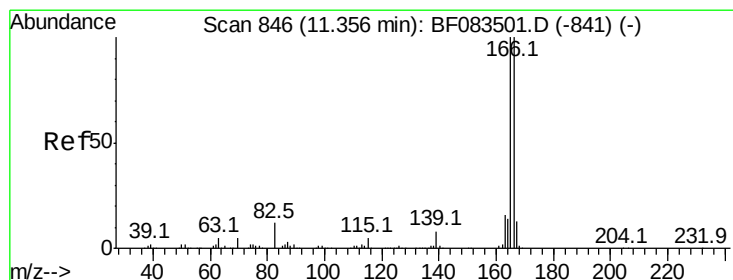
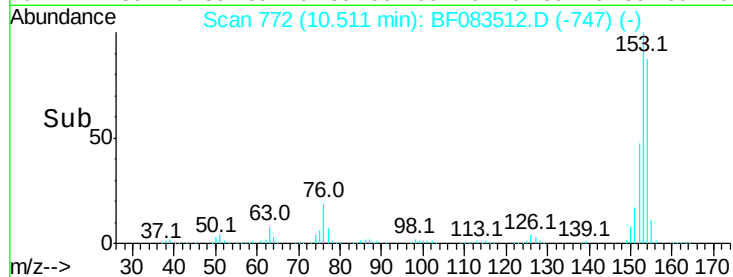
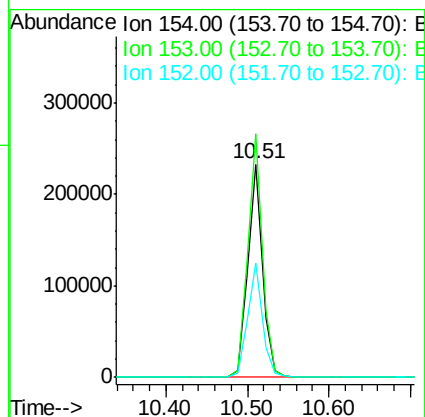
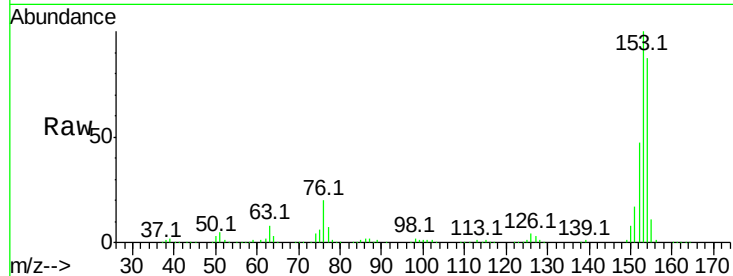
ClientSampleId :

20151125MGP225BRV78

Tot Ion:	154	Resp:	292315
Ion Ratio	Lower	Upper	
154	100		
153	114.3	91.4	137.0
152	53.8	43.4	65.2

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#57

Fluorene

Concen: 2.15 ng m

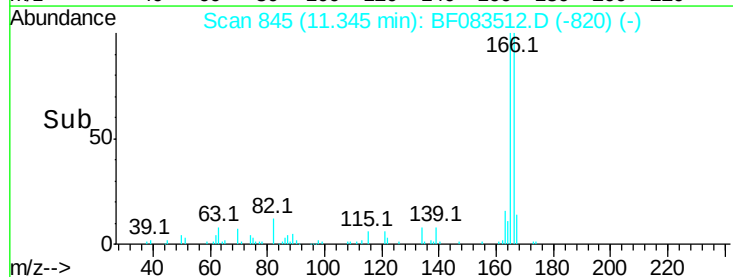
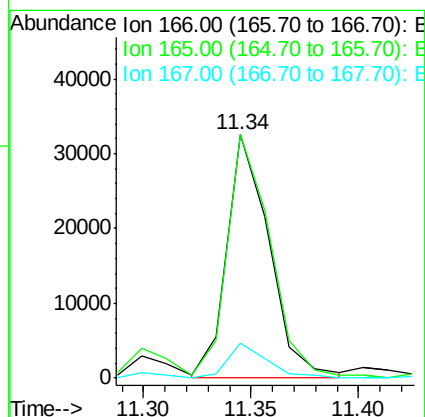
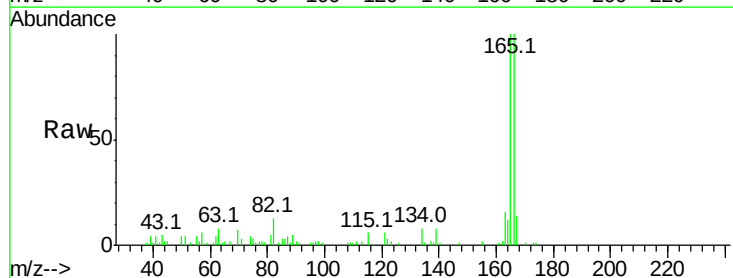
RT: 11.34 min Scan# 845

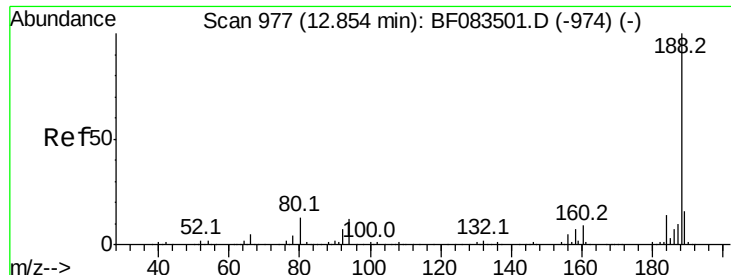
Delta R.T. -0.01 min

Lab File: BF083512.D

Acq: 5 Dec 2015 13:58

Tgt Ion:	166	Resp:	45207
Ion Ratio	Lower	Upper	
166	100		
165	100.0	80.0	120.0
167	14.3	10.6	16.0





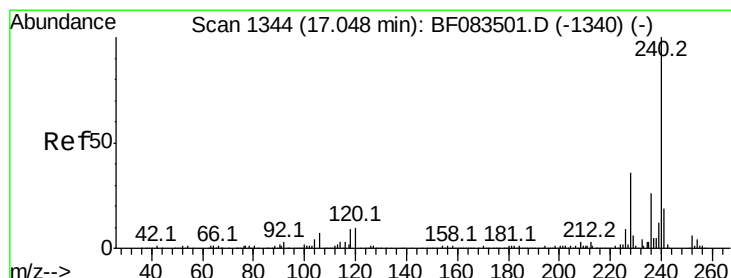
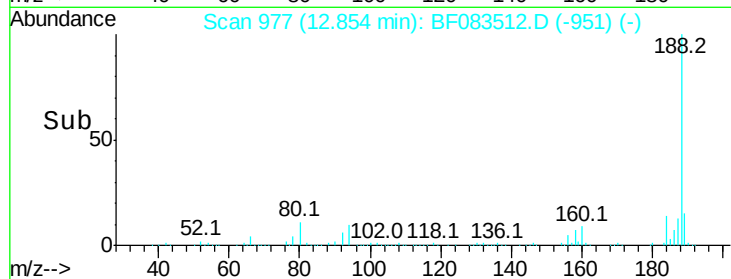
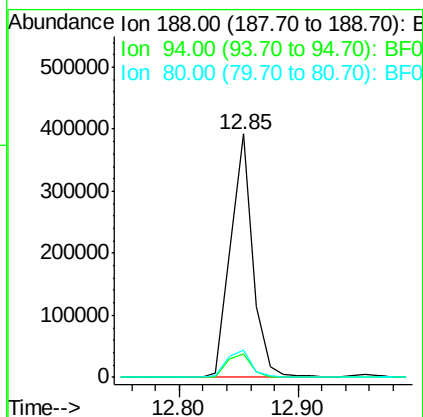
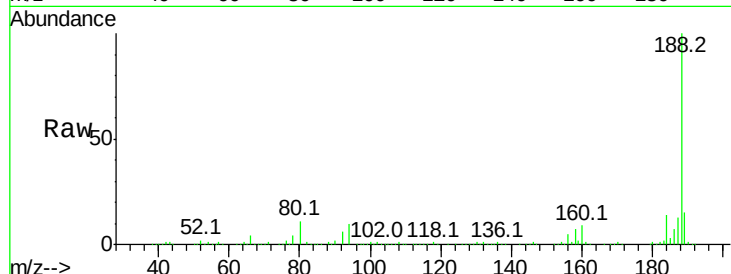
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF083512.D
Acq: 5 Dec 2015 13:58

Instrument :
BNA_F
ClientSampleId :
20151125MGP225BRV78

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.6	9.4	14.2	
80	11.1	10.6	16.0	

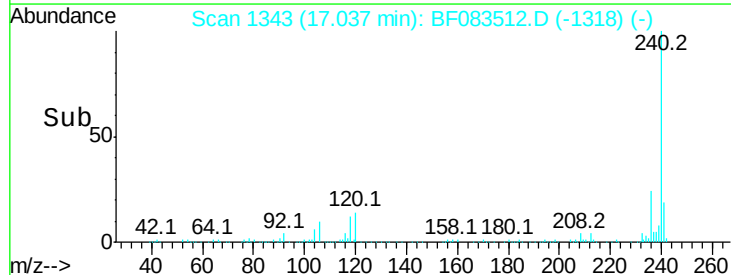
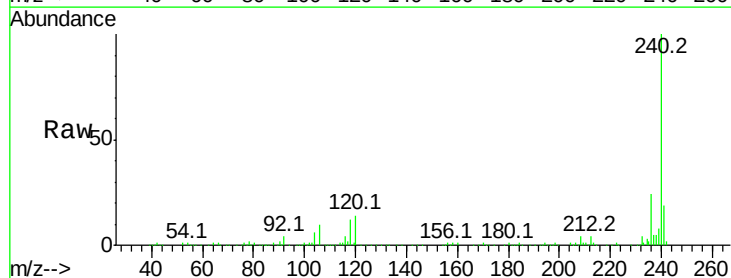
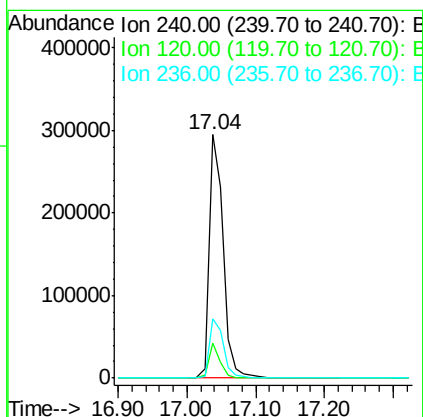
Manual Integrations
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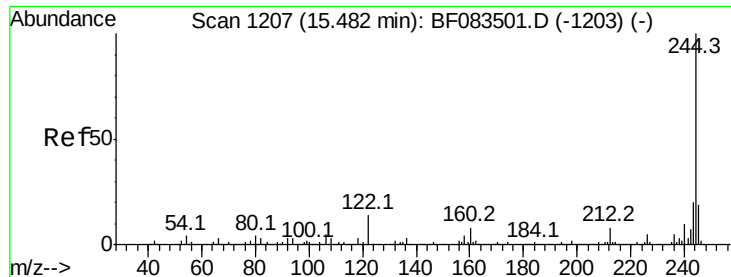
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.04 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF083512.D
Acq: 5 Dec 2015 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	14.3	8.1	12.1#	
236	24.2	20.8	31.2	





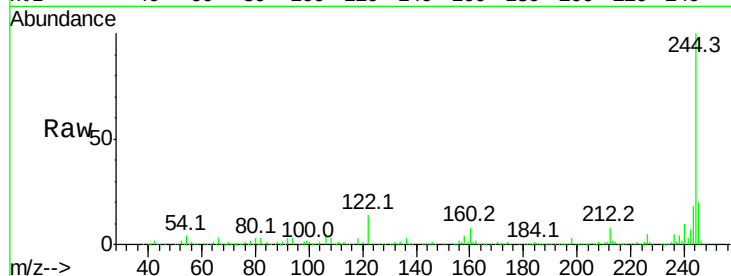
#78
 Terphenyl-d14
 Concen: 85.40 ng
 RT: 15.48 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF083512.D
 Acq: 5 Dec 2015 13:58

Instrument :
 BNA_F
 ClientSampleId :
 20151125MGP225BRV78

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	14.3	11.0	16.6

Manual Integrations
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 12/7/2015 6:30:55 PM

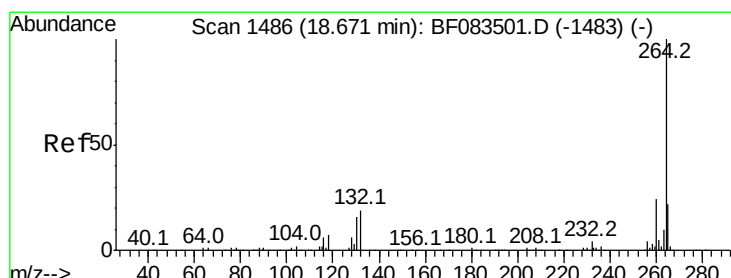
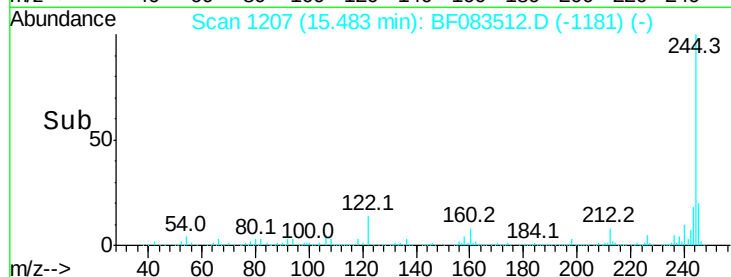
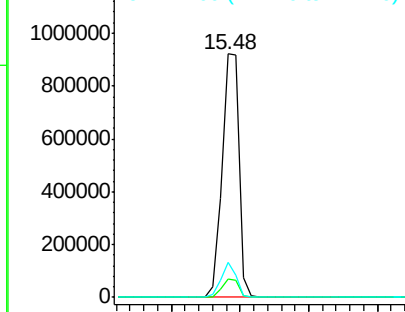


Abundance

Ion 244.00 (243.70 to 244.70): E

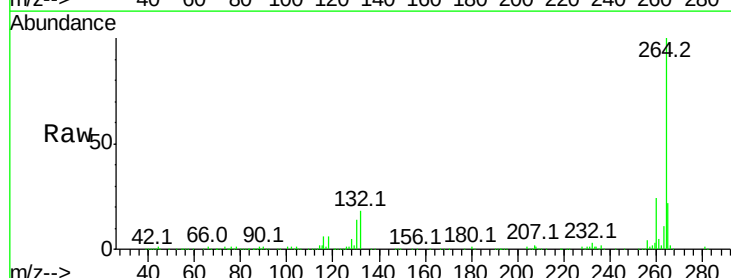
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.67 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF083512.D
 Acq: 5 Dec 2015 13:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	22.1	17.8	26.6



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

