

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
 Data File : BF091041.D
 Acq On : 5 Nov 2016 00:46
 Operator : UM/SJ
 Sample : H5491-15RE
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Nov 07 05:50:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	178216	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	493716	20.00	ng	0.01
38) Acenaphthene-d10	9.77	164	128224	20.00	ng	0.02
63) Phenanthrene-d10	11.25	188	284335	20.00	ng	0.02
75) Chrysene-d12	13.86	240	346968	20.00	ng	0.00
86) Perylene-d12	15.24	264	273315	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	592899	54.94	ng	0.01
7) Phenol-d6	6.36	99	632414	43.18	ng	0.01
23) Nitrobenzene-d5	7.28	82	804401	88.88	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	114186	98.50	ng	0.03
44) 2-Fluorobiphenyl	9.09	172	823253	110.54	ng	0.02
78) Terphenyl-d14	12.82	244	1079057	77.61	ng	0.01
Target Compounds						
74) Fluoranthene	12.45	202	48820	3.11	ng	Qvalue 69
77) Pyrene	12.68	202	149038m	6.56	ng	

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

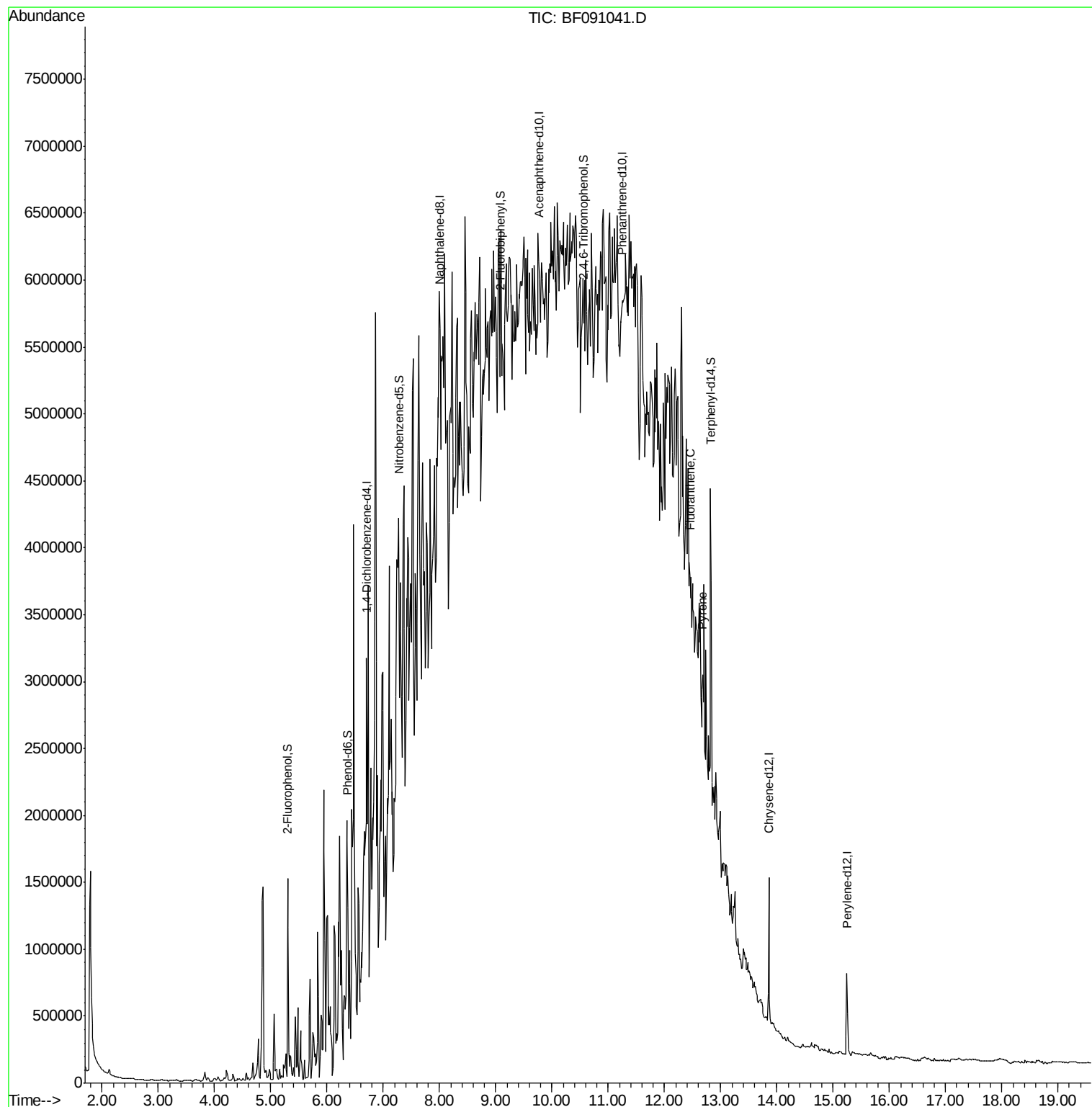
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091041.D
Acq On : 5 Nov 2016 00:46
Operator : UM/SJ
Sample : H5491-15RE
Misc :
ALS Vial : 33 Sample Multiplier: 1

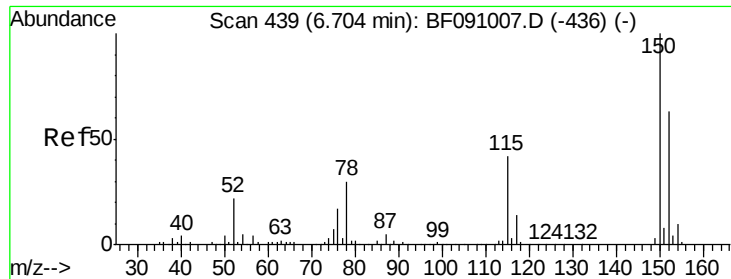
Instrument :
BNA_F
ClientSampleId :
GW-73-7.6-14.0RE

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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#1

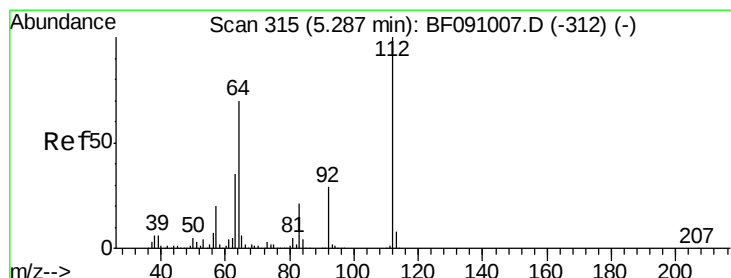
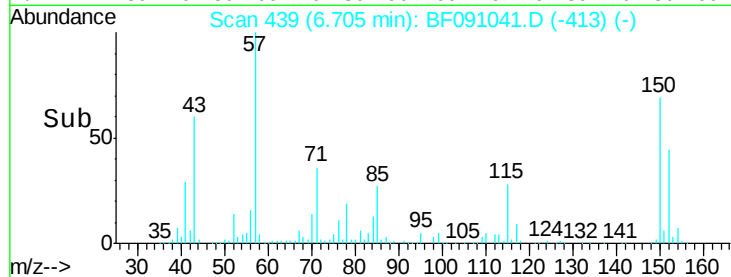
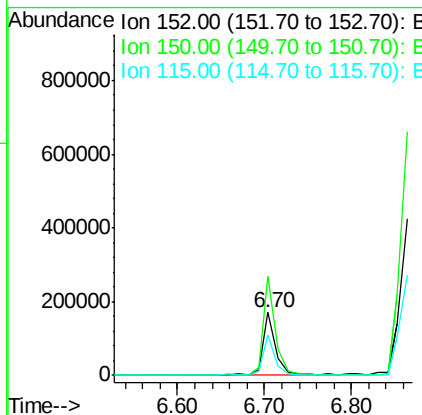
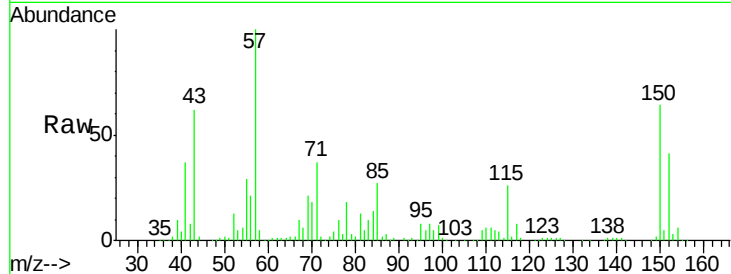
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF091041.D
Acq: 5 Nov 2016 00:46

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

Tgt	Ion	Ratio	Lower	Upper
152	100			
150	158.6	126.8	190.2	
115	63.8	53.3	79.9	

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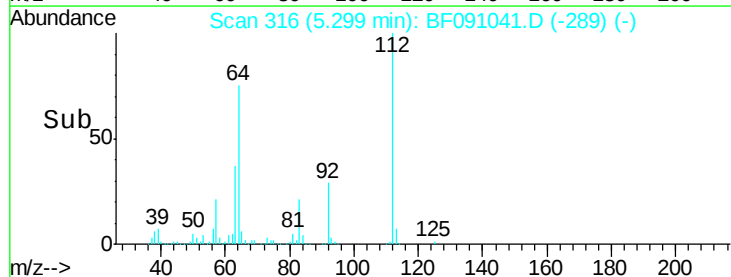
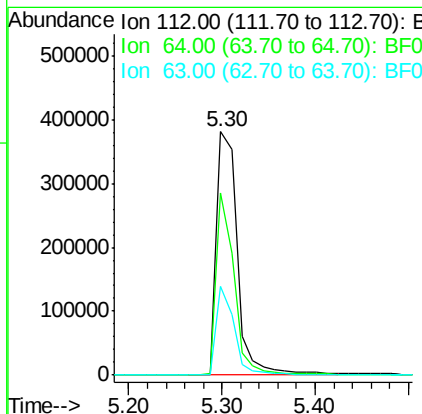
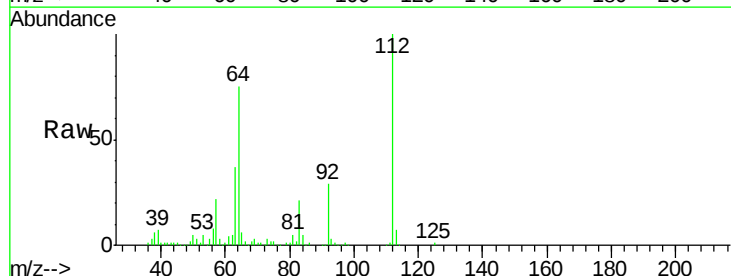
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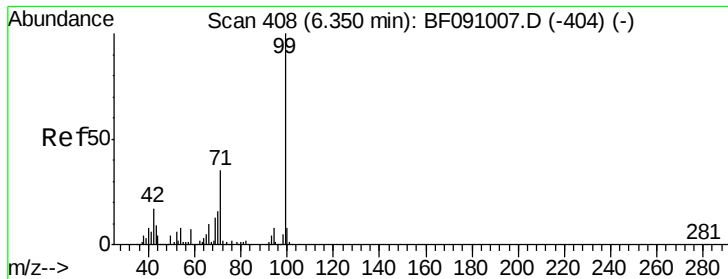


#5

2-Fluorophenol
Concen: 54.94 ng
RT: 5.30 min Scan# 316
Delta R.T. 0.01 min
Lab File: BF091041.D
Acq: 5 Nov 2016 00:46

Tgt	Ion	Ratio	Lower	Upper
112	100			
64	74.8	55.8	83.6	
63	36.5	28.0	42.0	





#7

Phenol-d6

Concen: 43.18 ng

RT: 6.36 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

Instrument :

BNA_F

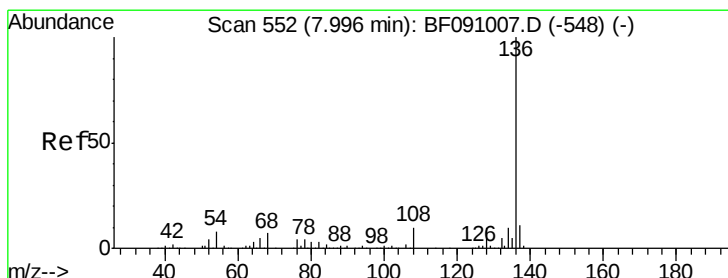
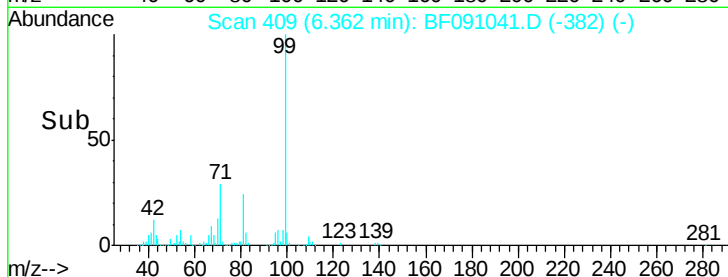
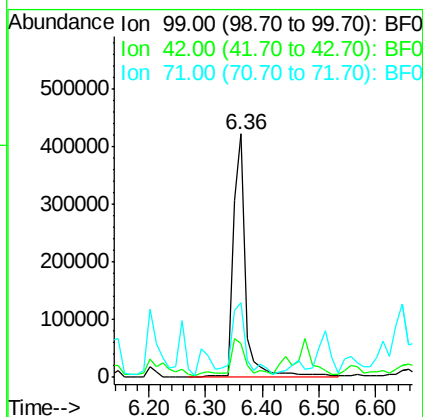
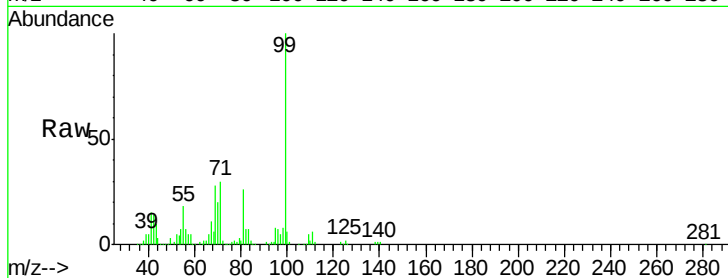
ClientSampleId :

GW-73-7.6-14.0RE

Tgt Ion:	99	Resp:	632414
Ion Ratio	Lower	Upper	
99	100		
42	13.9	13.9	20.9#
71	30.4	27.8	41.8

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#21

Naphthalene-d8

Concen: 20.00 ng

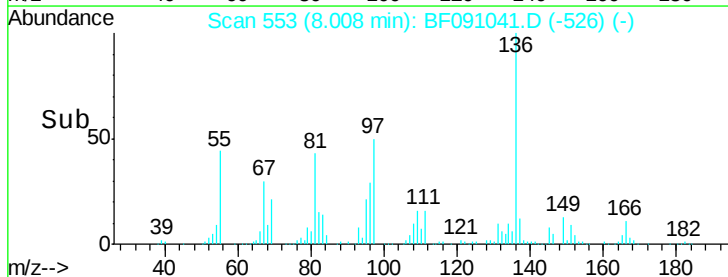
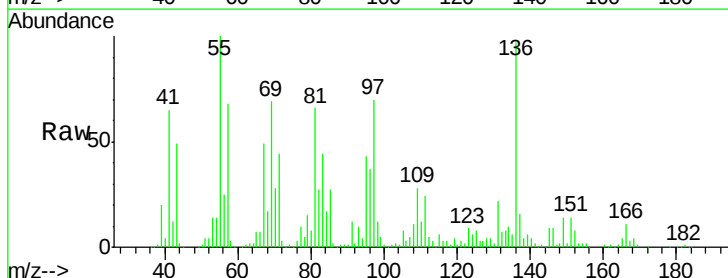
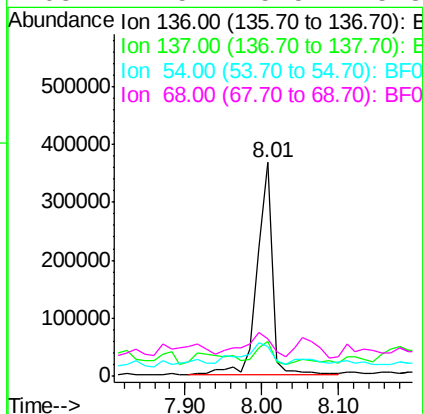
RT: 8.01 min Scan# 553

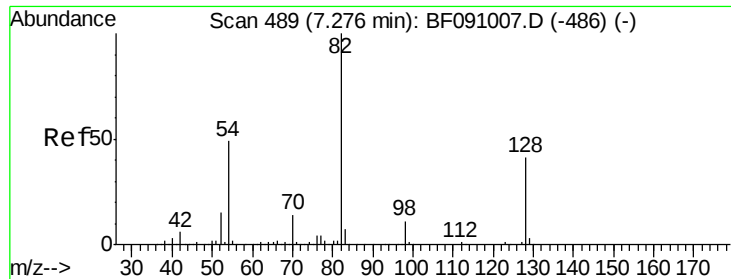
Delta R.T. 0.01 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

Tgt Ion:	136	Resp:	493716
Ion Ratio	Lower	Upper	
136	100		
137	16.2	8.9	13.3#
54	14.0	6.2	9.2#
68	17.5	5.5	8.3#





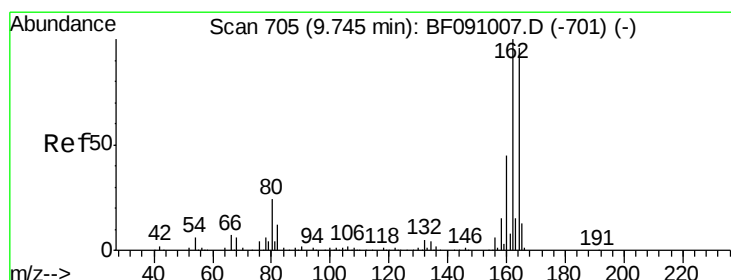
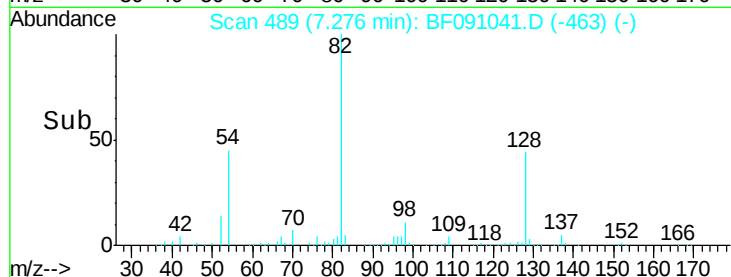
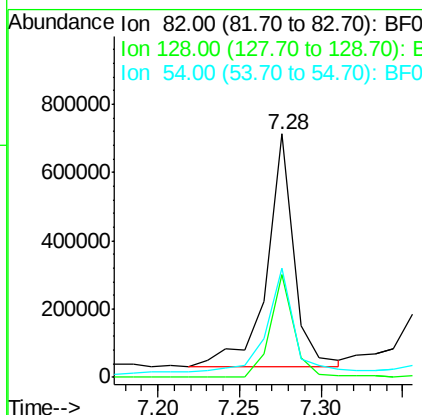
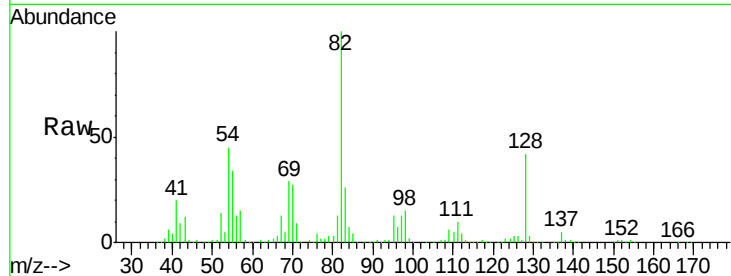
#23
 Nitrobenzene-d5
 Concen: 88.88 ng
 RT: 7.28 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF091041.D
 Acq: 5 Nov 2016 00:46

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.3	32.4	48.6
54	44.7	39.2	58.8

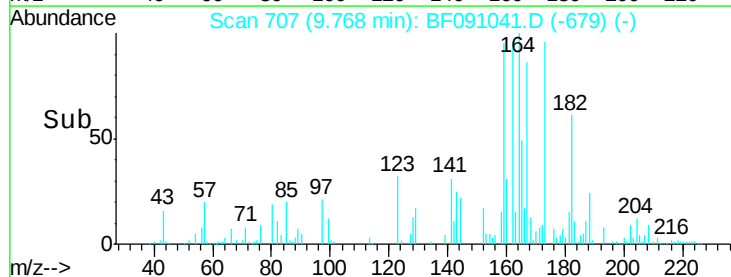
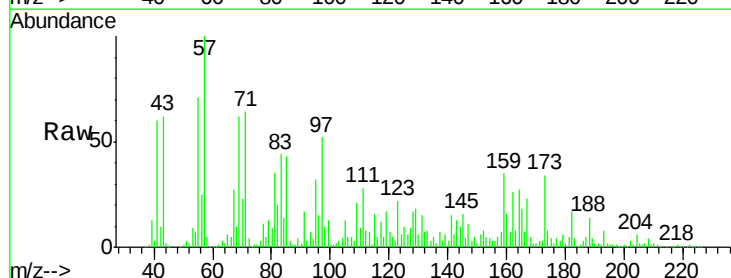
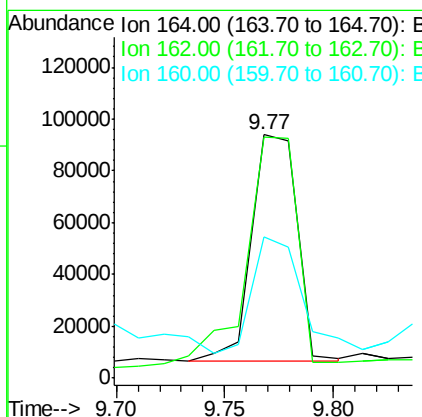
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 707
 Delta R.T. 0.02 min
 Lab File: BF091041.D
 Acq: 5 Nov 2016 00:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.8	83.6	125.4
160	58.2	37.9	56.9





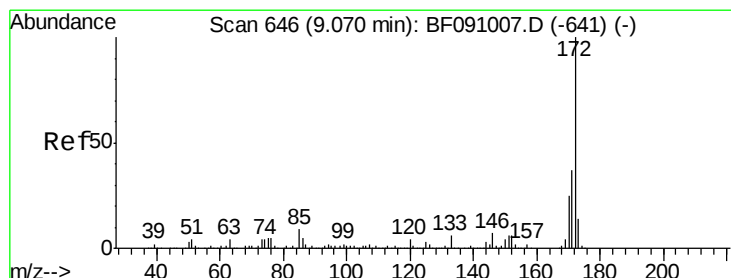
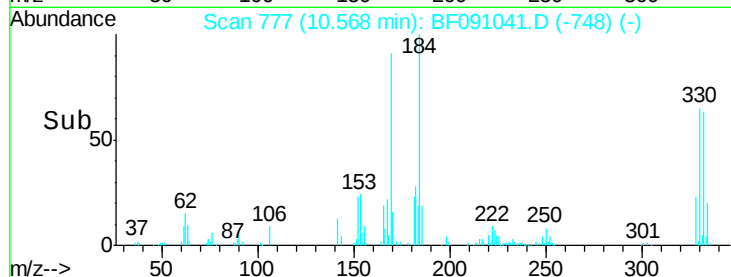
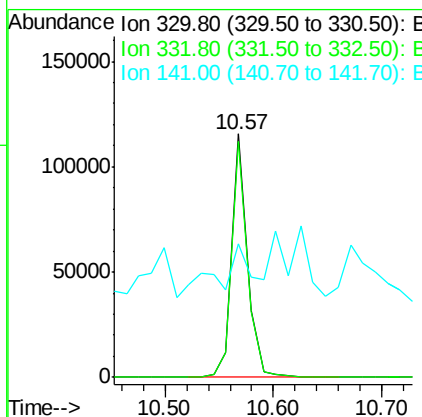
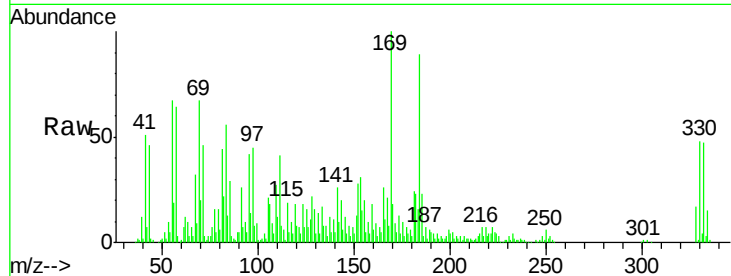
#41
 2,4,6-Tribromophenol
 Concen: 98.50 ng
 RT: 10.57 min Scan# 777
 Delta R.T. 0.03 min
 Lab File: BF091041.D
 Acq: 5 Nov 2016 00:46

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

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	114186		
332	97.7	75.9	113.9	
141	20.1	36.1	54.1#	

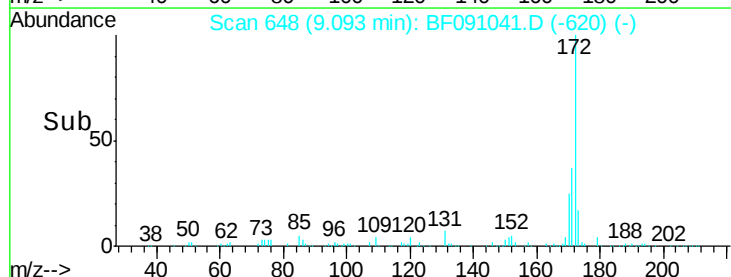
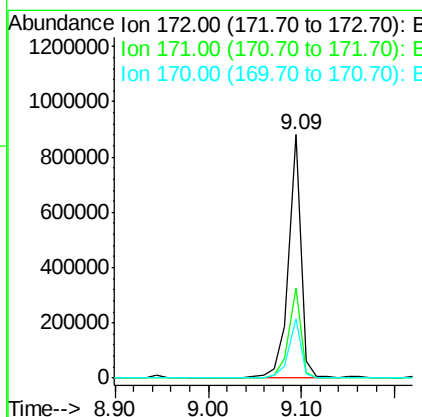
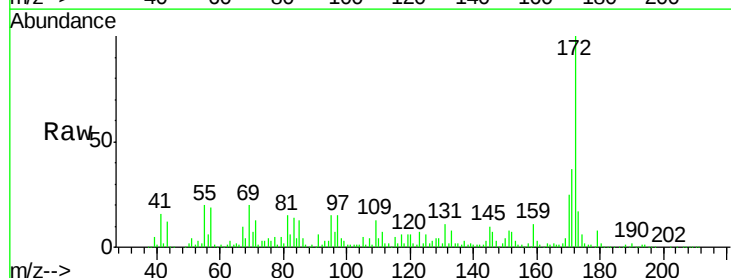
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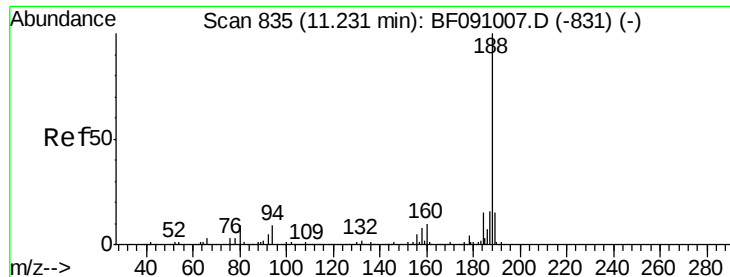
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#44
 2-Fluorobiphenyl
 Concen: 110.54 ng
 RT: 9.09 min Scan# 648
 Delta R.T. 0.02 min
 Lab File: BF091041.D
 Acq: 5 Nov 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	823253		
171	36.7	29.8	44.6	
170	24.6	20.3	30.5	





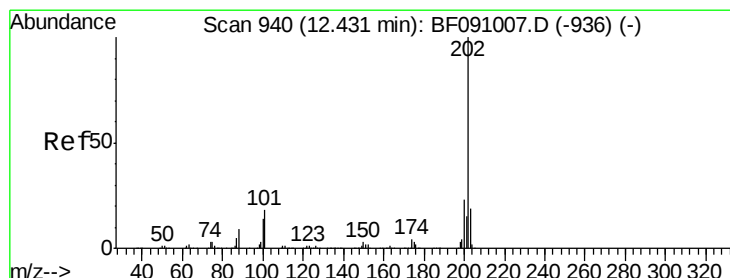
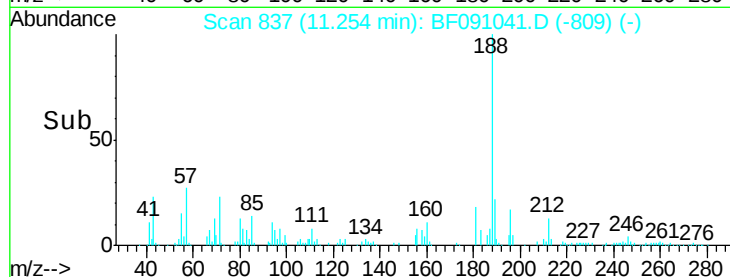
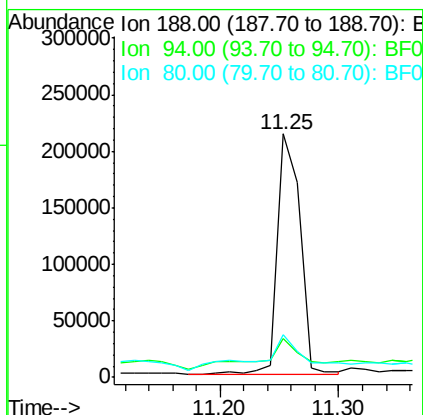
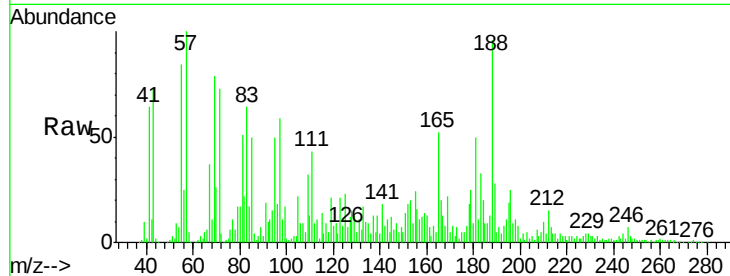
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 837
Delta R.T. 0.02 min
Lab File: BF091041.D
Acq: 5 Nov 2016 00:46

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	15.8	7.0	10.4#
80	17.7	7.5	11.3#

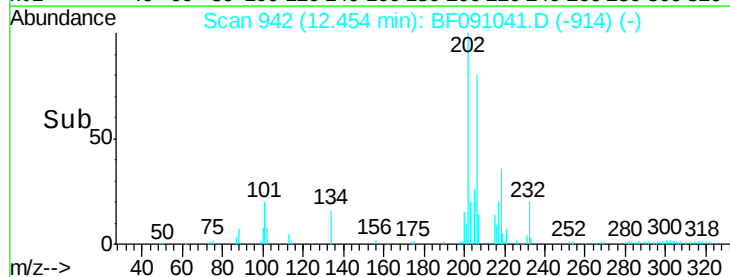
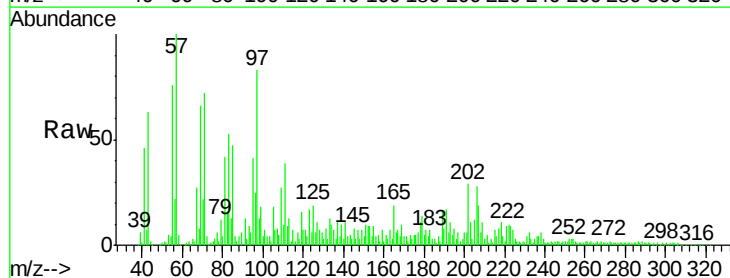
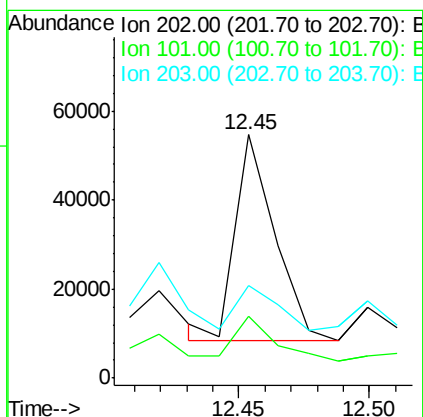
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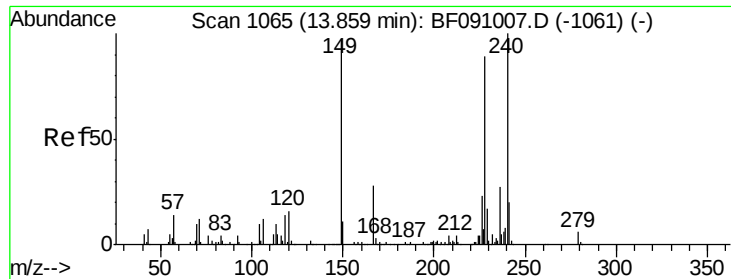
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#74
Fluoranthene
Concen: 3.11 ng
RT: 12.45 min Scan# 942
Delta R.T. 0.02 min
Lab File: BF091041.D
Acq: 5 Nov 2016 00:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	25.3	0.0	37.6
203	38.1	0.0	38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

Instrument :

BNA_F

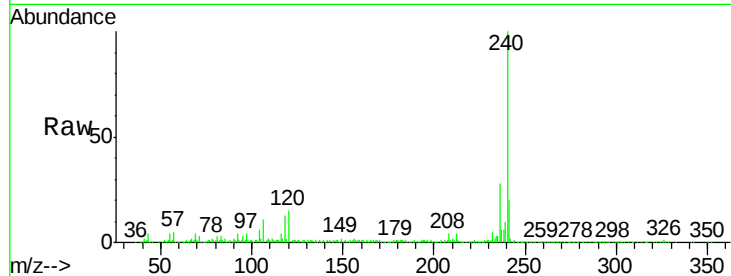
ClientSampleId :

GW-73-7.6-14.0RE

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.7	12.9	19.3
236	27.8	21.9	32.9

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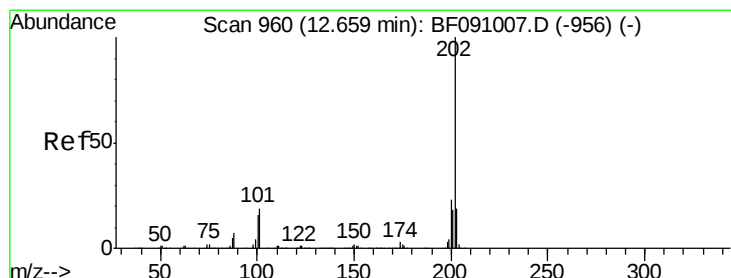
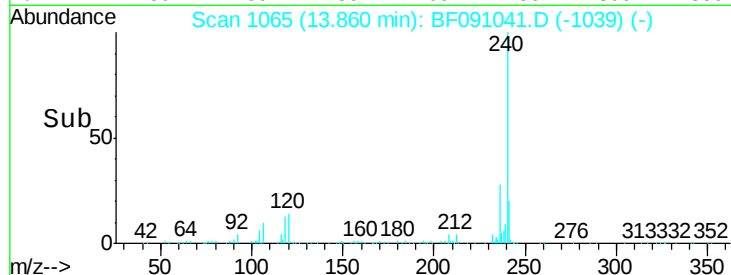
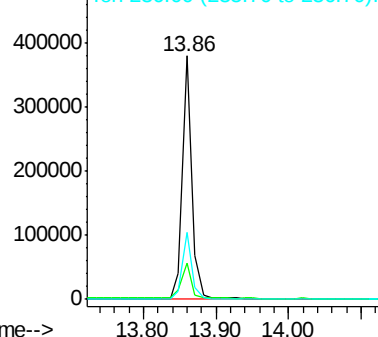
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 6.56 ng m

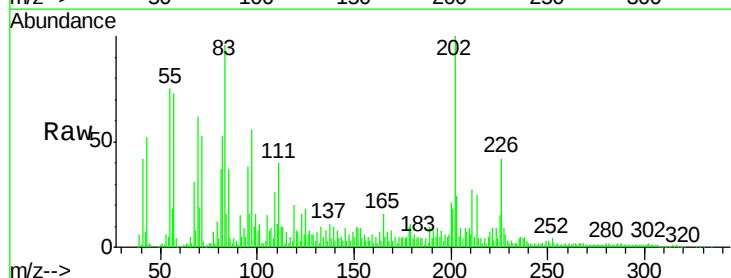
RT: 12.68 min Scan# 962

Delta R.T. 0.02 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

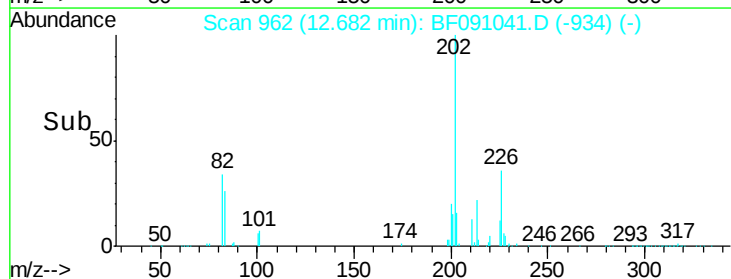
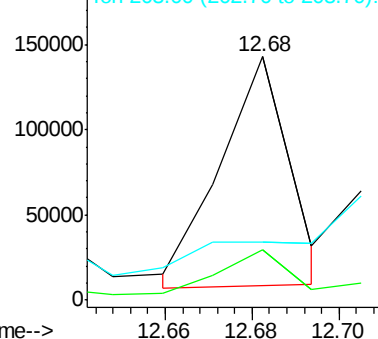
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	18.4	27.6
203	23.9	15.0	22.6#

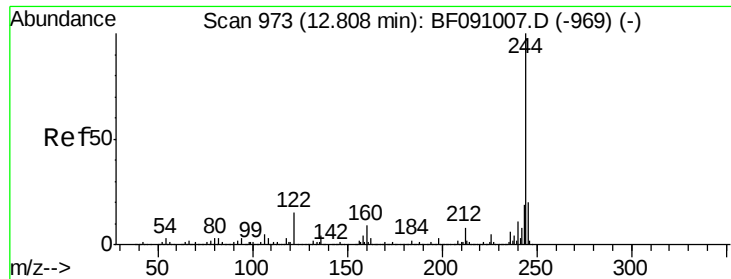


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 77.61 ng

RT: 12.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF091041.D

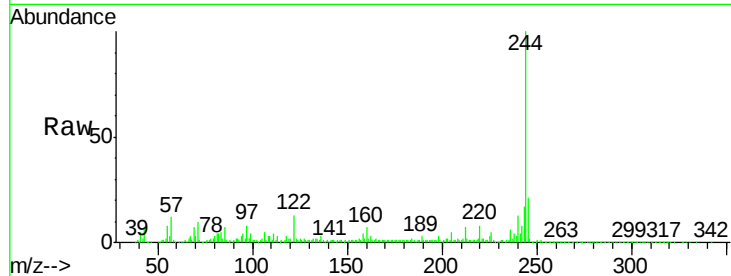
Acq: 5 Nov 2016 00:46

Instrument :

BNA_F

ClientSampleId :

GW-73-7.6-14.0RE



Tgt Ion:244 Resp: 1079057

Ion Ratio Lower Upper

244 100

212 6.9 6.4 9.6

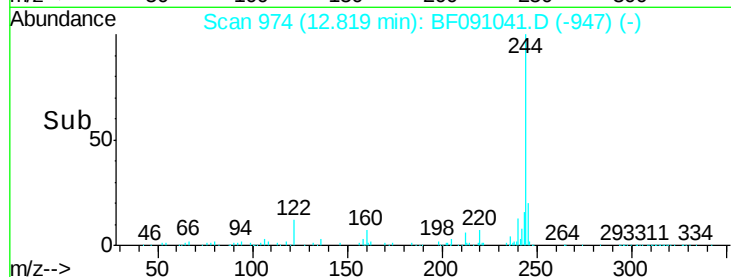
122 12.6 12.3 18.5

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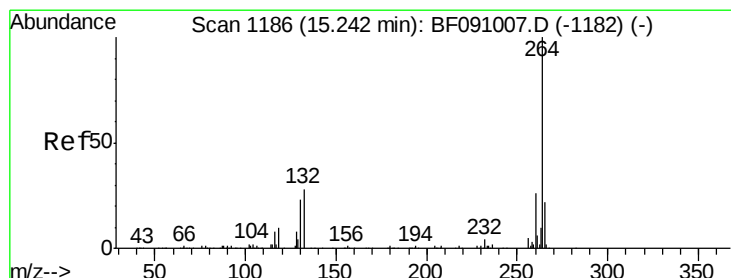
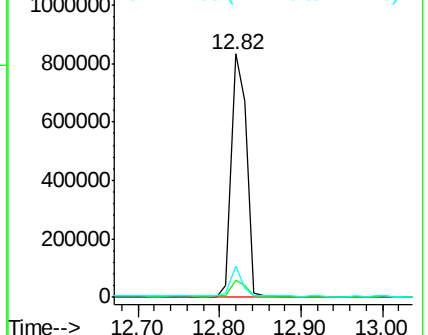
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Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

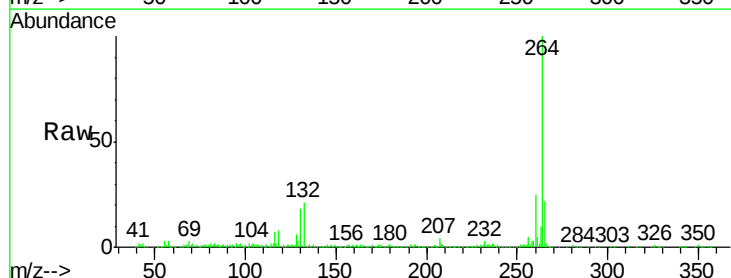
Tgt Ion:264 Resp: 273315

Ion Ratio Lower Upper

264 100

260 24.8 20.6 30.8

265 21.6 17.8 26.8



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

