

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091646.D
 Acq On : 15 Dec 2016 23:27
 Operator : UM/SJ
 Sample : H6007-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-12-10-15

Manual Integrations
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Quant Time: Dec 16 01:28:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	284705	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	1091576	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	474682	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	598571	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	582785	20.00	ng	0.00
86) Perylene-d12	15.35	264	416130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	2175595	128.74	ng	0.01
7) Phenol-d6	6.43	99	2374569	112.71	ng	0.00
23) Nitrobenzene-d5	7.36	82	2174674	111.19	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	471300	119.54	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2154625	78.43	ng	0.00
78) Terphenyl-d14	12.89	244	1616313	62.93	ng	-0.01
Target Compounds						
10) Phenol	6.44	94	118367	4.81	ng	94
49) Dimethylphthalate	9.55	163	535063	17.80	ng	99
70) Phenanthrene	11.32	178	84268	2.84	ng	98
74) Fluoranthene	12.51	202	137617	4.43	ng	97
77) Pyrene	12.74	202	127848	2.77	ng	98
80) Benzo(a)anthracene	13.93	228	68532	2.02	ng	98
87) Benzo(b)fluoranthene	14.95	252	53013m	2.14	ng	

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

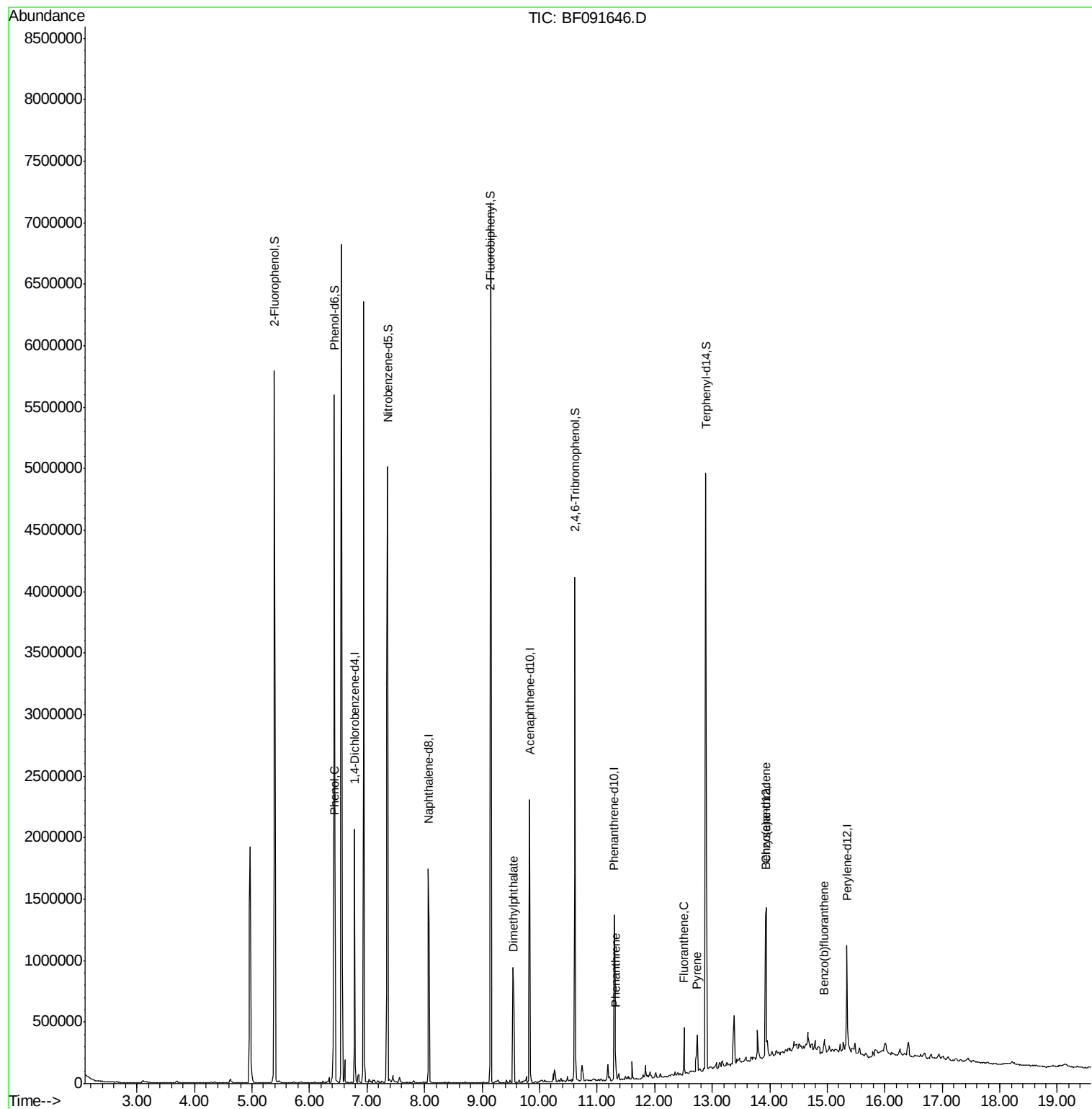
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091646.D
Acq On : 15 Dec 2016 23:27
Operator : UM/SJ
Sample : H6007-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

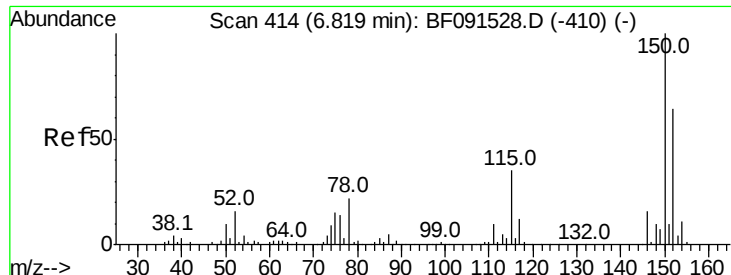
Instrument :
BNA_F
ClientSampleId :
WC-12-10-15

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Quant Time: Dec 16 01:28:57 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration





#1

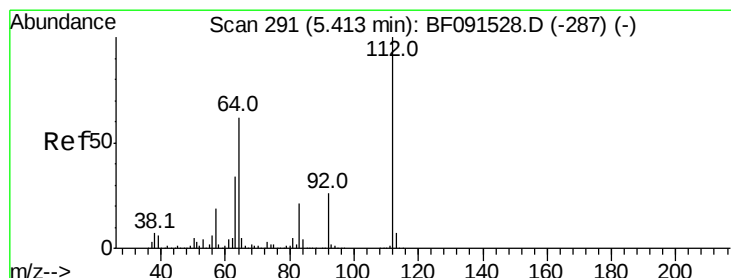
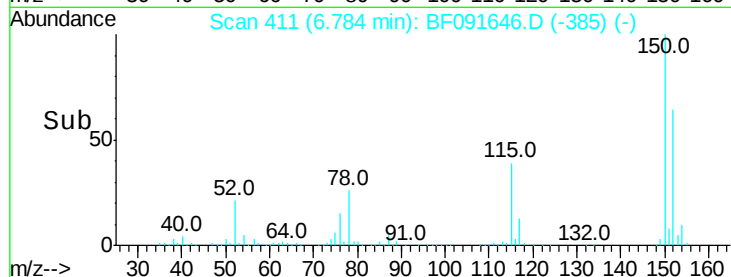
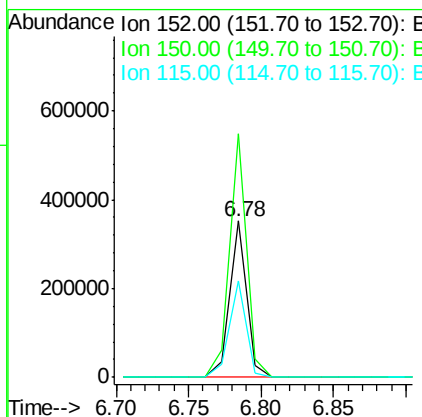
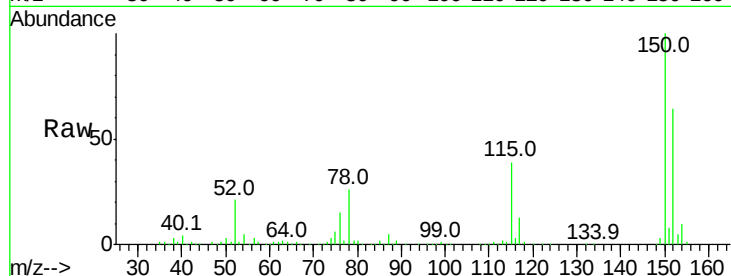
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Instrument :
BNA_F
ClientSampleId :
WC-12-10-15

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.5	183.7
115	61.5	51.8	77.8

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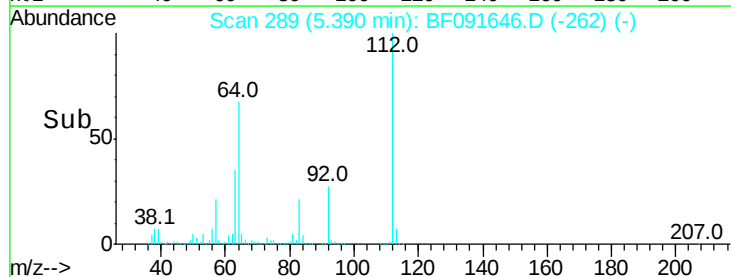
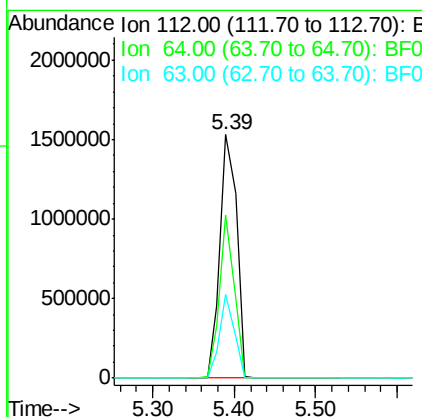
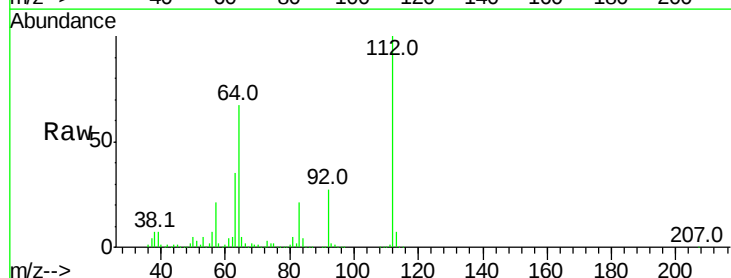
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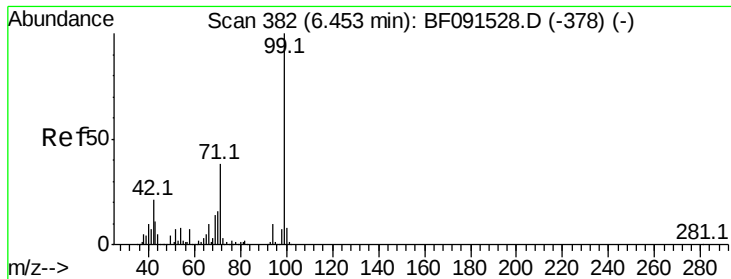


#5

2-Fluorophenol
Concen: 128.74 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.9	61.5	92.3
63	34.6	33.3	49.9





#7

Phenol-d6

Concen: 112.71 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091646.D

Acq: 15 Dec 2016 23:27

Instrument :

BNA_F

ClientSampleId :

WC-12-10-15

Tot Ion: 99 Resp: 2374569

Ion Ratio Lower Upper

99 100

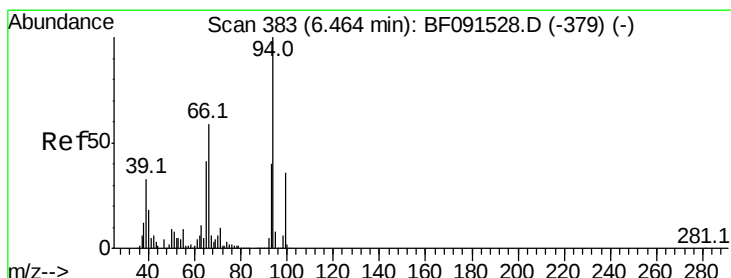
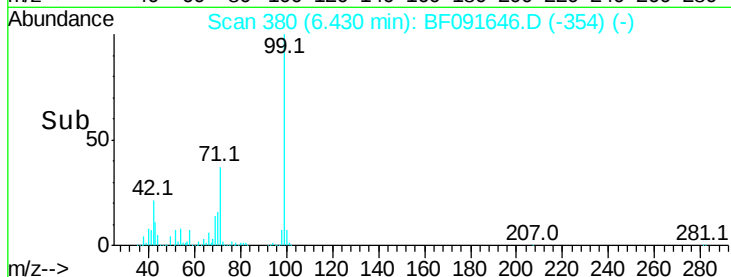
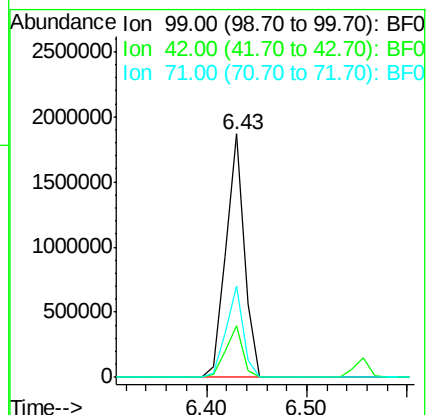
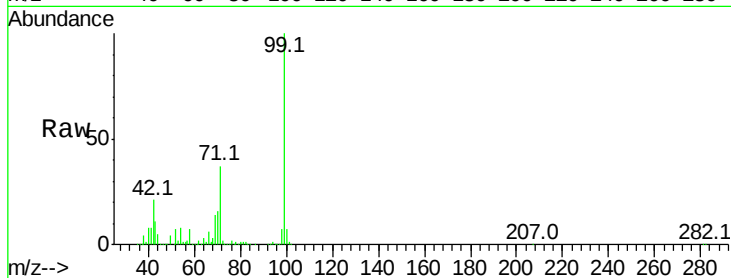
42 21.5 20.6 31.0

71 37.3 29.9 44.9

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#10

Phenol

Concen: 4.81 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF091646.D

Acq: 15 Dec 2016 23:27

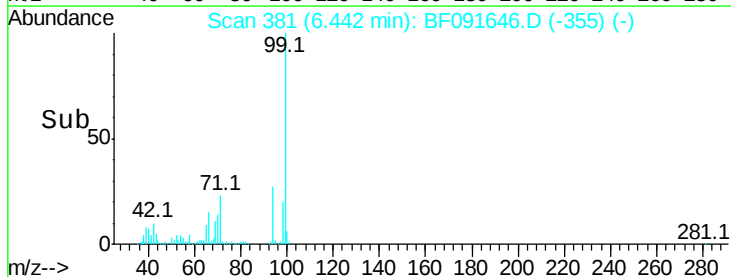
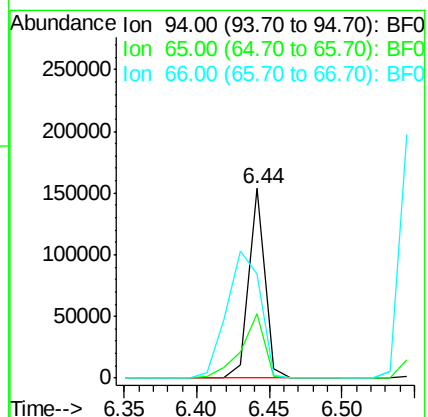
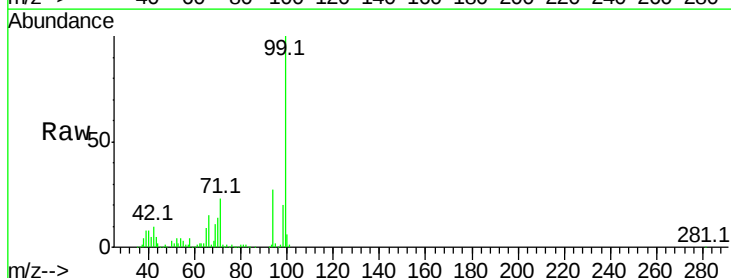
Tgt Ion: 94 Resp: 118367

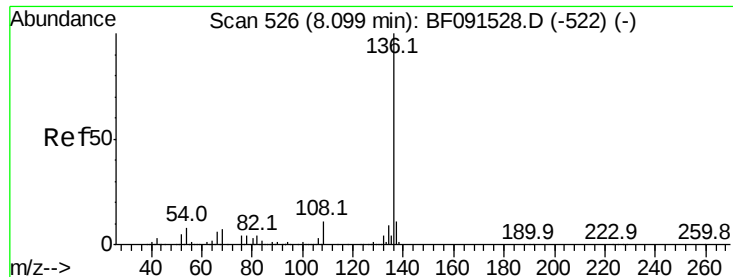
Ion Ratio Lower Upper

94 100

65 34.0 16.9 56.9

66 55.2 30.6 70.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091646.D

Acq: 15 Dec 2016 23:27

Instrument :

BNA_F

ClientSampleId :

WC-12-10-15

Tot Ion:136 Resp: 1091576

Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

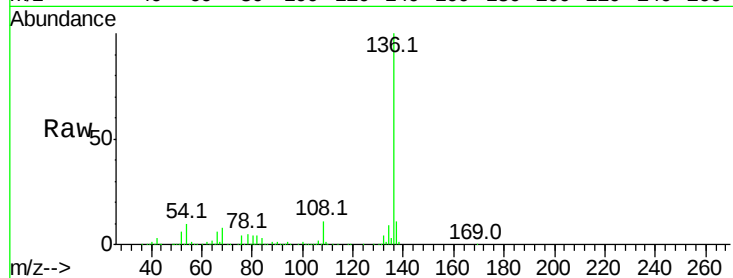
54 10.4 9.1 13.7

68 7.9 5.9 8.9

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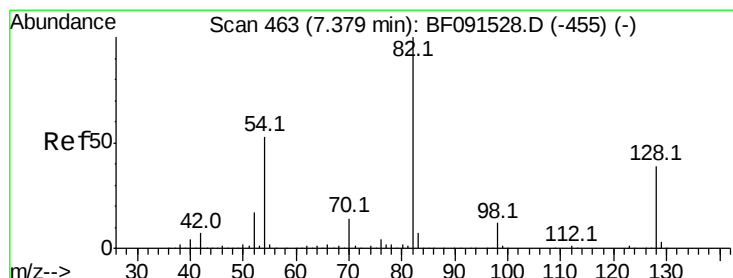
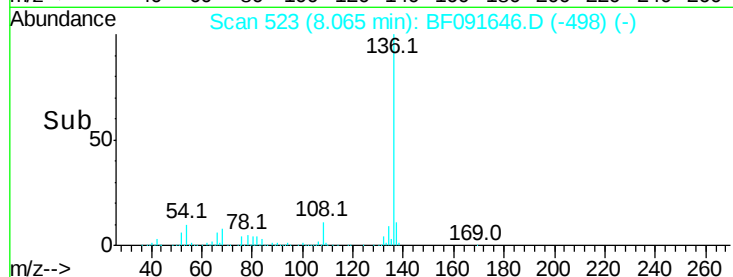
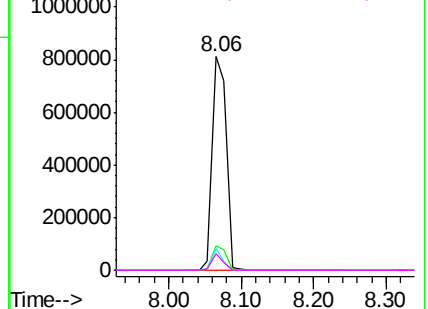
Abundance

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: 111.19 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF091646.D

Acq: 15 Dec 2016 23:27

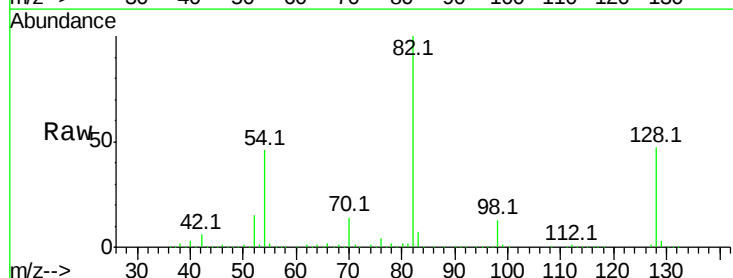
Tgt Ion: 82 Resp: 2174674

Ion Ratio Lower Upper

82 100

128 46.6 31.8 47.6

54 46.3 49.1 73.7#

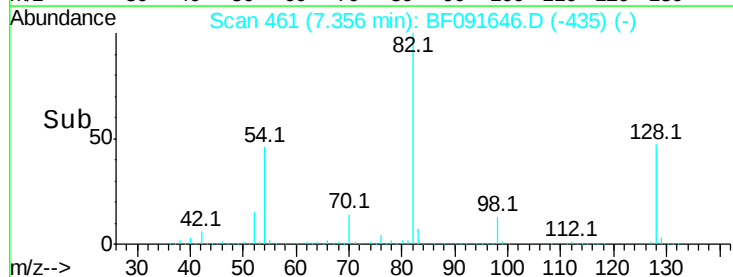
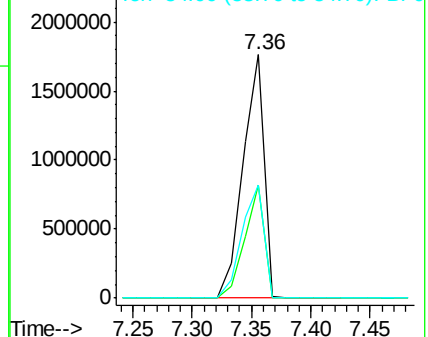


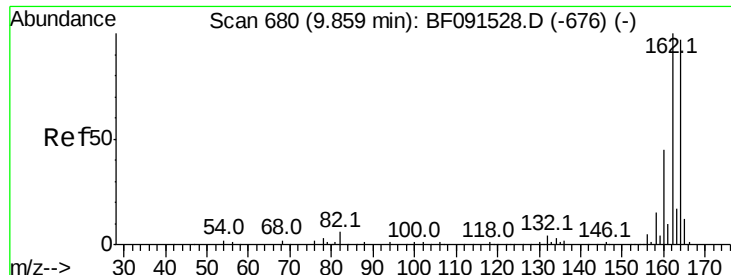
Abundance

Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





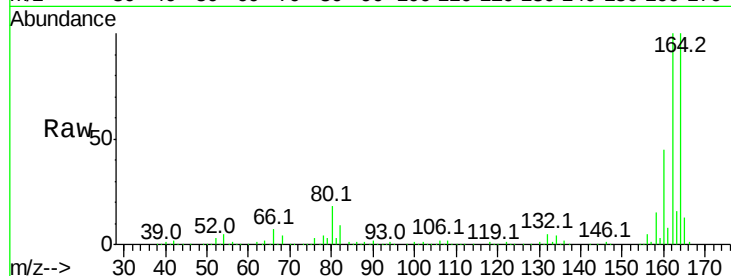
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Instrument :
BNA_F
ClientSampleId :
WC-12-10-15

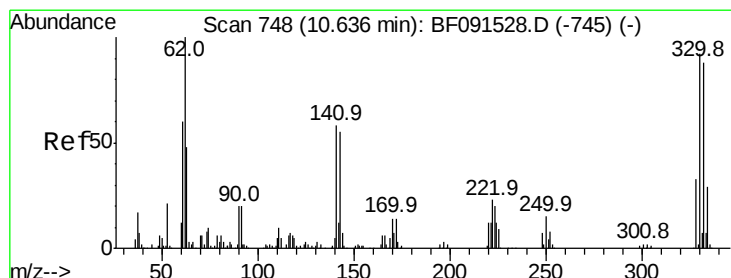
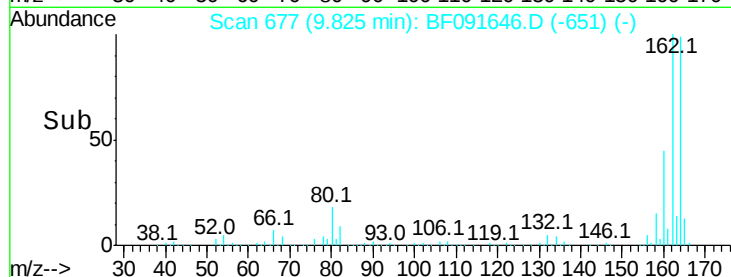
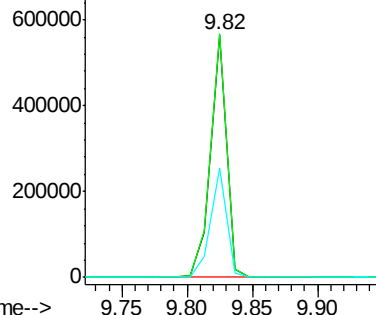
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.6	124.0
160	45.0	36.7	55.1

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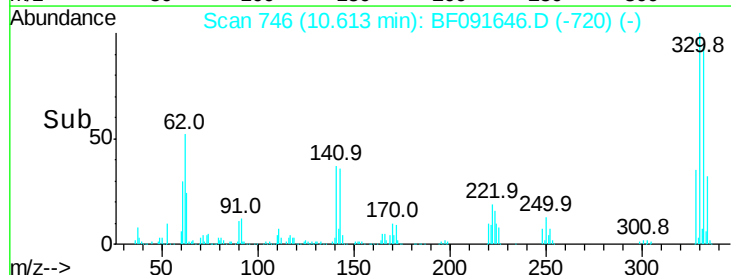
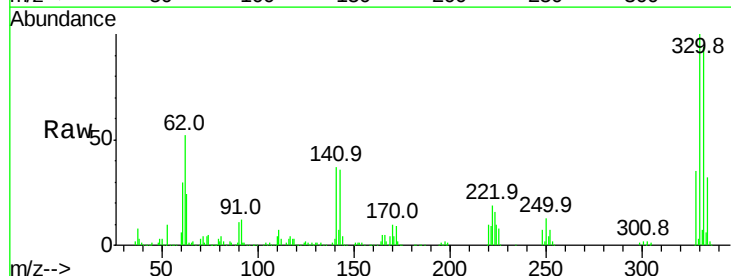
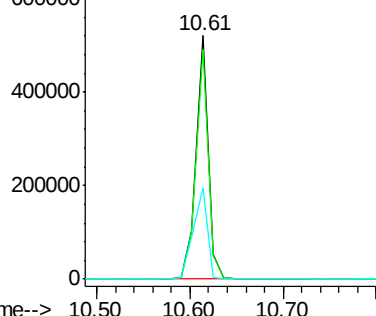
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

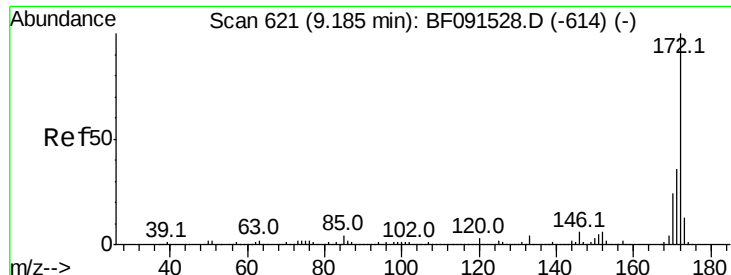


#41
2,4,6-Tribromophenol
Concen: 119.54 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.2	114.4
141	42.7	33.6	50.4

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





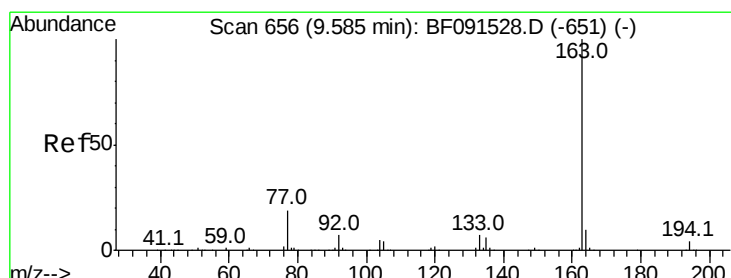
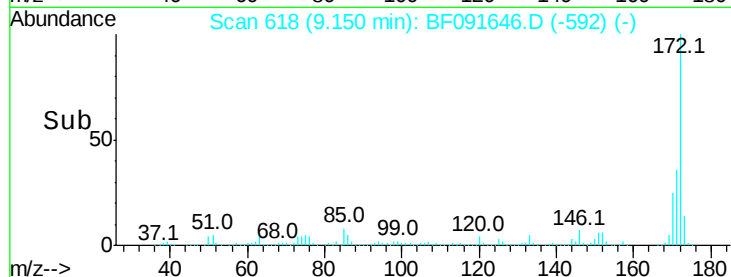
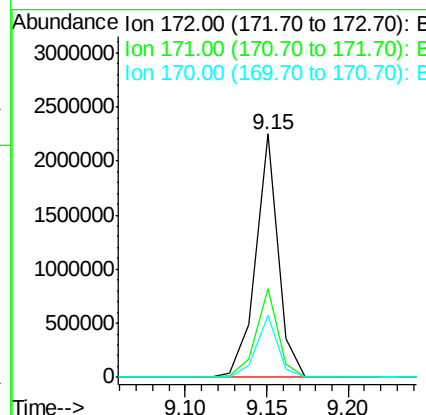
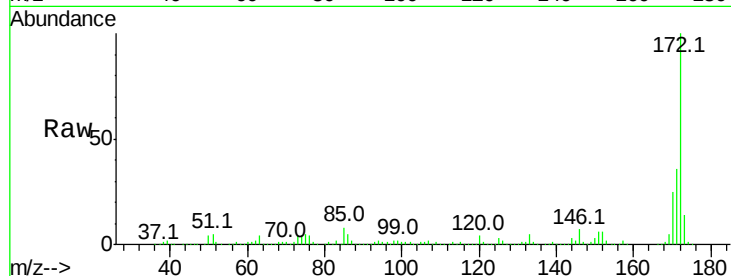
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2-Fluorobiphenyl
Concen: 78.43 ng
RT: 9.15 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Instrument :
BNA_F
ClientSampleId :
WC-12-10-15

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	25.3	19.7	29.5

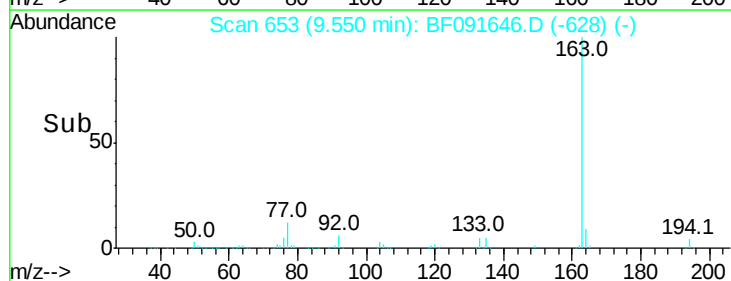
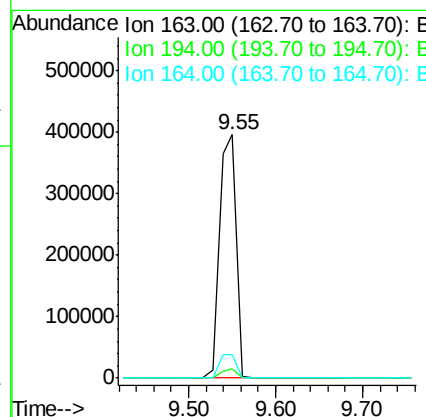
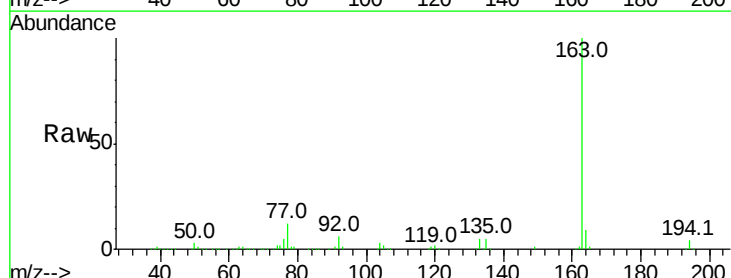
Manual Integrations
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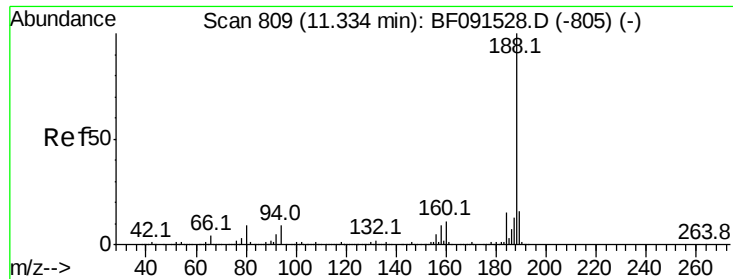
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#49
Dimethylphthalate
Concen: 17.80 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	9.4	7.8	11.8





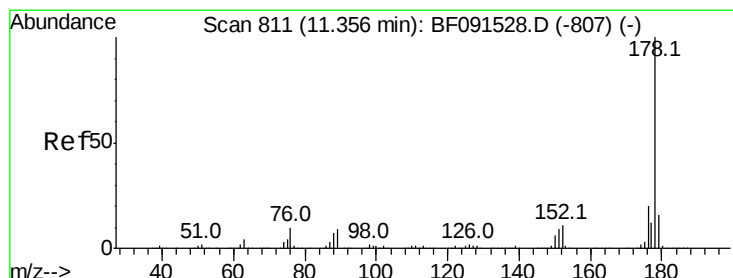
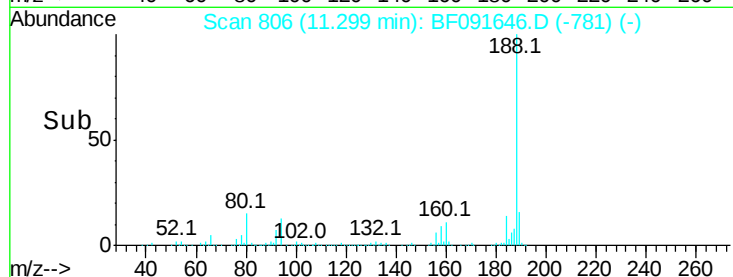
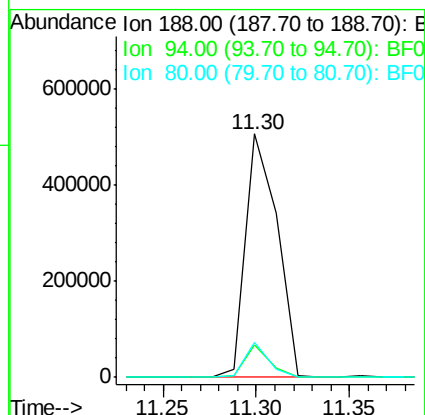
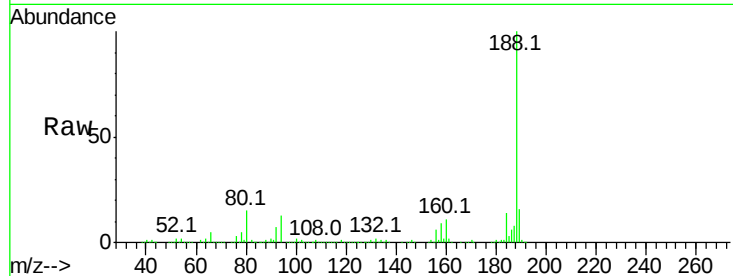
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Instrument :
BNA_F
ClientSampleId :
WC-12-10-15

Tot Ion	Ratio	Resp	Lower	Upper
188	100	598571		
94	13.1		9.2	13.8
80	14.5		10.5	15.7

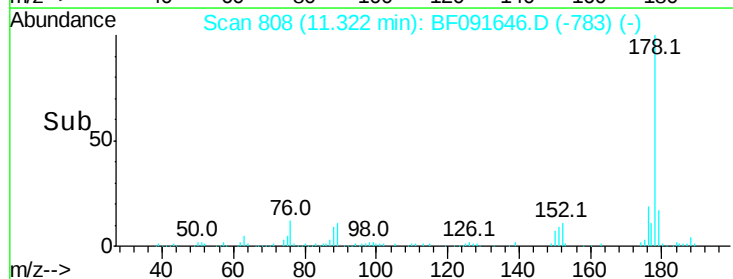
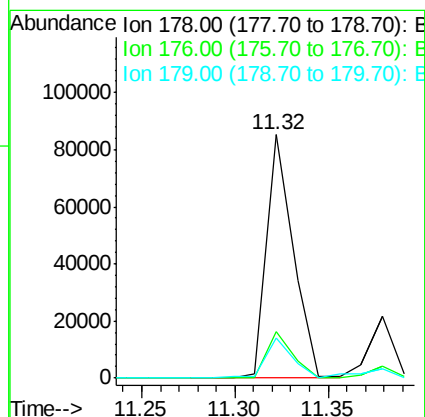
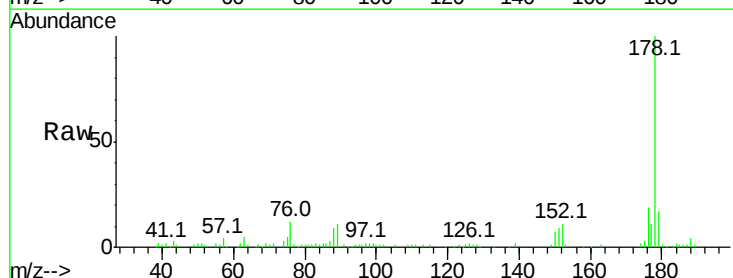
Manual Integrations
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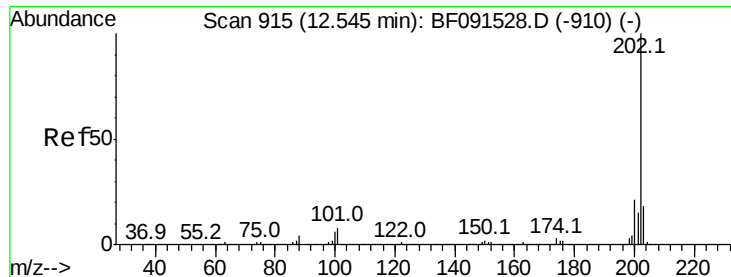
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#70
Phenanthrene
Concen: 2.84 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	84268		
176	19.0		15.9	23.9
179	16.5		12.6	18.8





#74

Fluoranthene

Concen: 4.43 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF091646.D

Acq: 15 Dec 2016 23:27

Instrument :

BNA_F

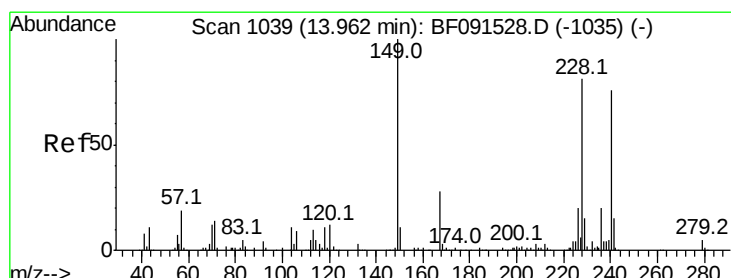
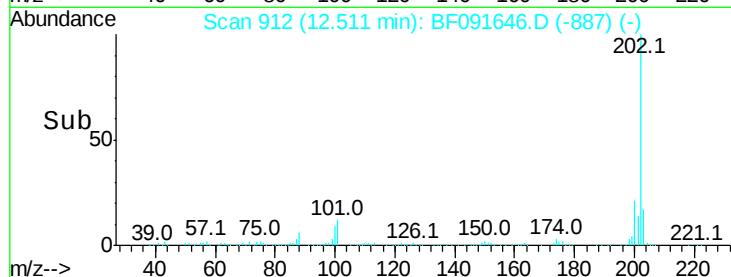
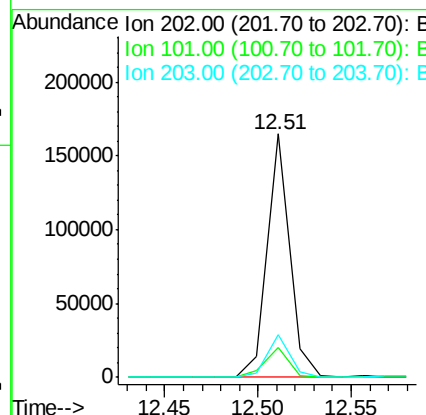
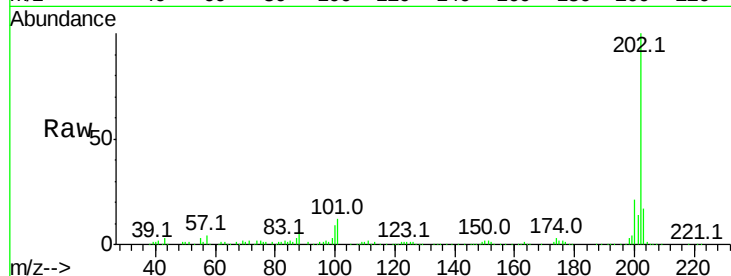
ClientSampleId :

WC-12-10-15

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.3	0.0	29.5
203	17.4	0.0	37.8

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

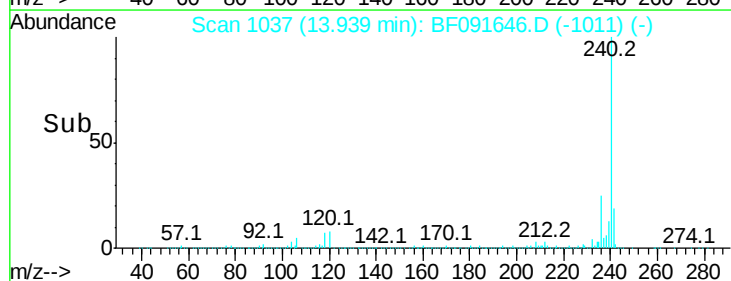
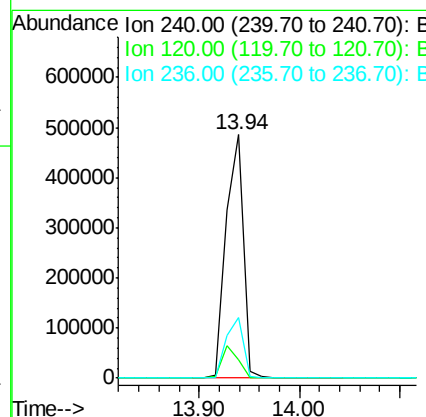
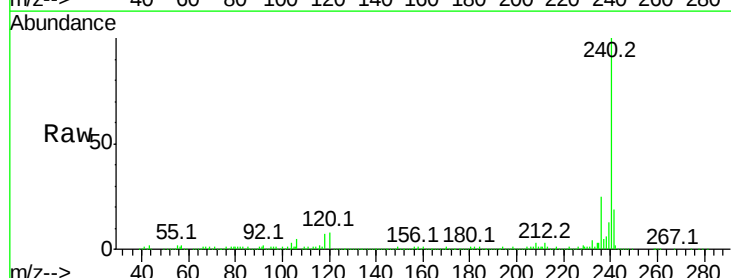
RT: 13.94 min Scan# 1037

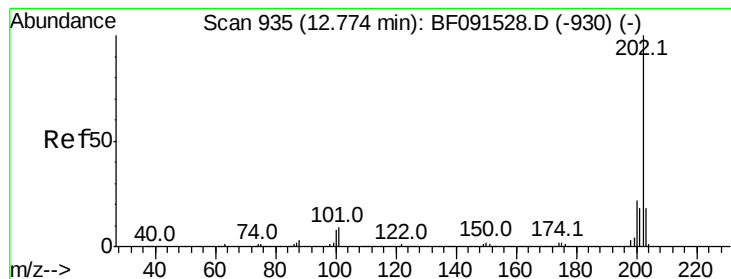
Delta R.T. 0.00 min

Lab File: BF091646.D

Acq: 15 Dec 2016 23:27

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.7	12.1	18.1#
236	25.0	21.0	31.6





#77

Pvrene

Concen: 2.77 ng

RT: 12.74 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF091646.D

Acq: 15 Dec 2016 23:27

Instrument :

BNA_F

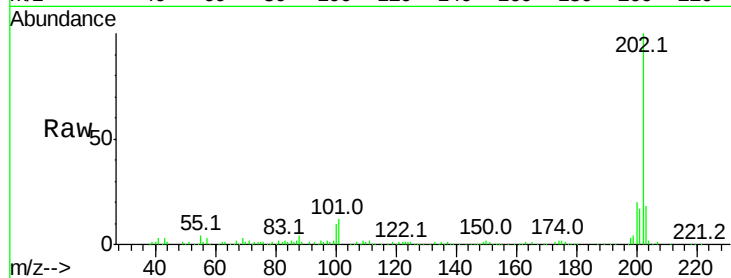
ClientSampleId :

WC-12-10-15

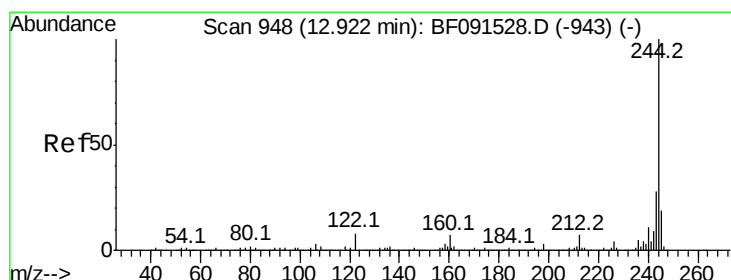
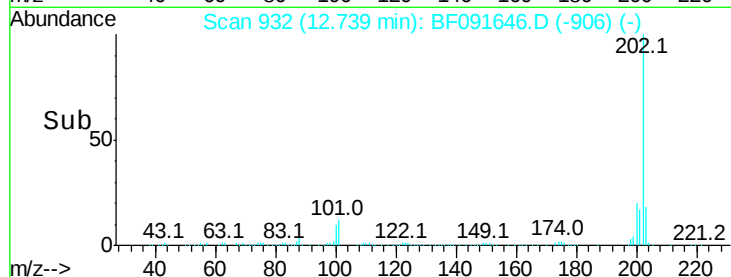
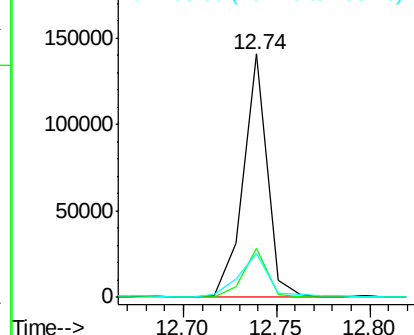
Tot Ion:	202	Resp:	127848
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.6	26.4
203	17.8	14.0	21.0

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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: 62.93 ng

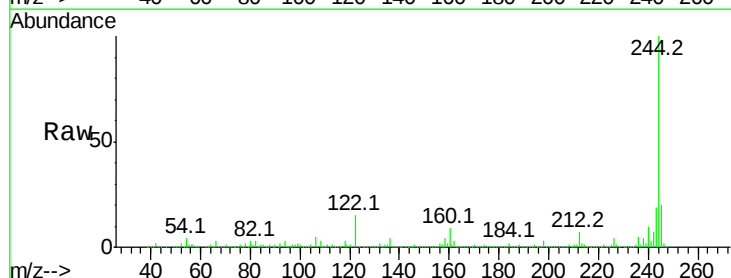
RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

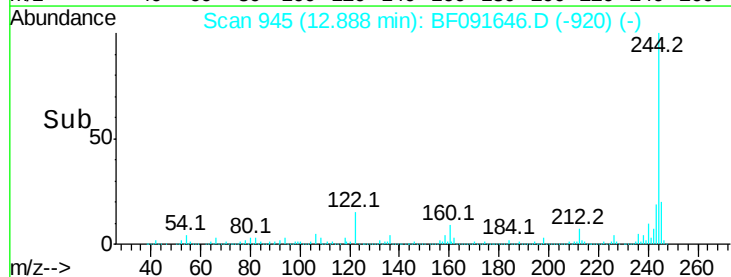
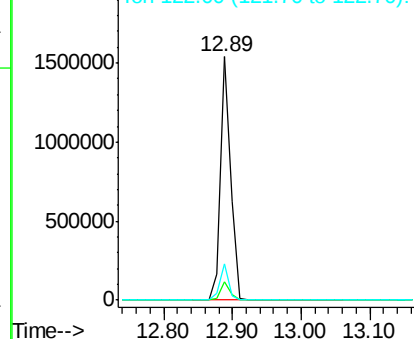
Lab File: BF091646.D

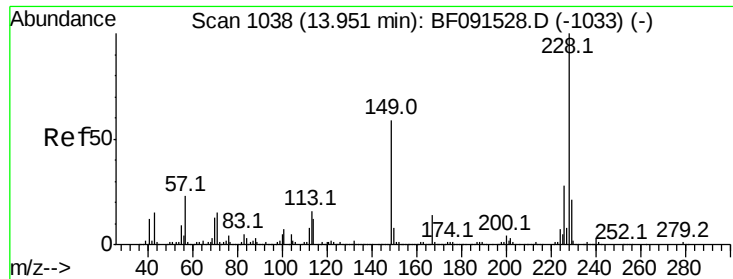
Acq: 15 Dec 2016 23:27

Tgt Ion:	244	Resp:	1616313
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.5	9.7
122	14.7	9.5	14.3#



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





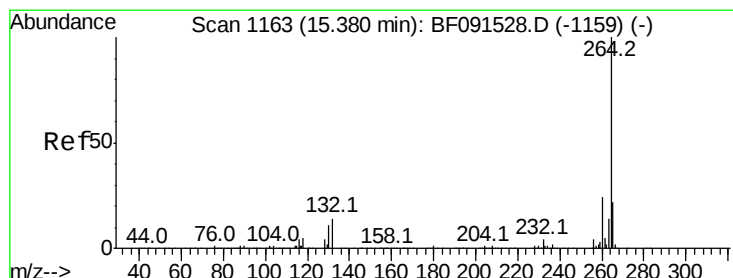
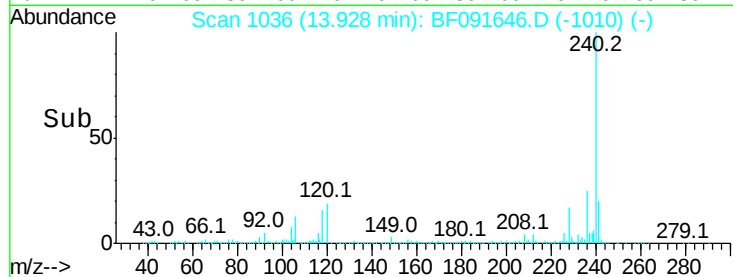
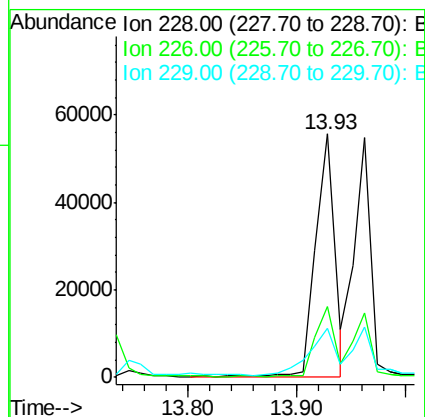
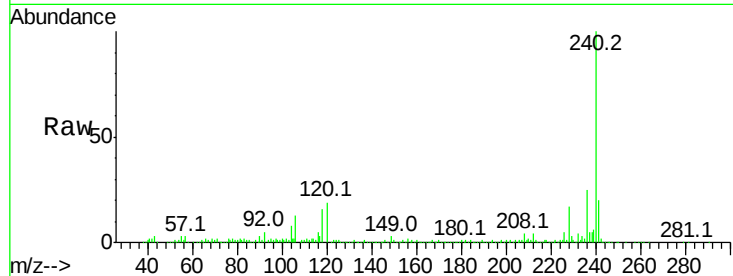
#80
Benzo(a)anthracene
Concen: 2.02 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Instrument :
BNA_F
ClientSampleId :
WC-12-10-15

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.5	33.7
229	20.0	16.4	24.6

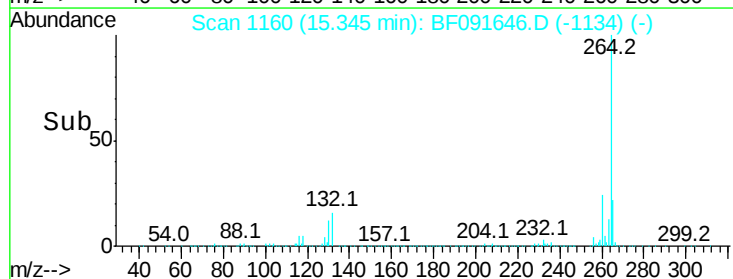
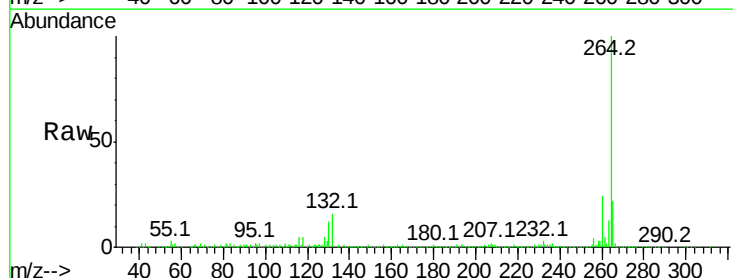
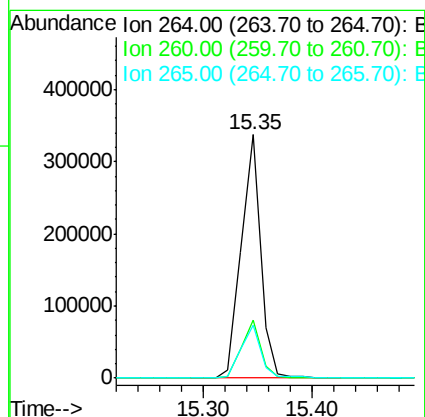
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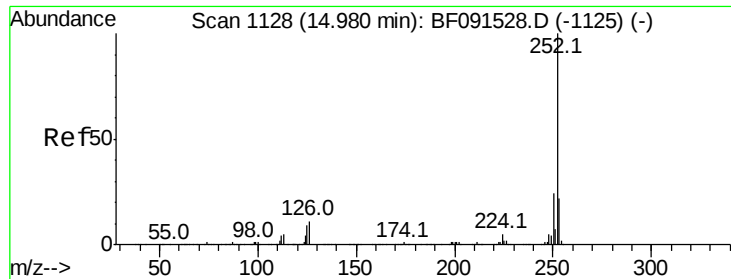
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.7	17.0	25.6





#87
Benzo(b)fluoranthene
Concen: 2.14 ng m
RT: 14.95 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF091646.D
Acq: 15 Dec 2016 23:27

Instrument :
BNA_F
ClientSampleId :
WC-12-10-15

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	15.7	8.6	13.0

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