

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
 Data File : BF091105.D
 Acq On : 9 Nov 2016 2:48
 Operator : UM/SJ
 Sample : H5593-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WEST-SIDEWALL

Manual Integrations
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Quant Time: Nov 09 06:10:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	175527	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	736251	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	368108	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	527729	20.00	ng	0.00
75) Chrysene-d12	13.80	240	358759	20.00	ng	-0.01
86) Perylene-d12	15.19	264	346921	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1047284	98.54	ng	0.01
7) Phenol-d6	6.32	99	1424440	98.74	ng	0.00
23) Nitrobenzene-d5	7.23	82	922011	68.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	307439	92.38	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1310047	61.27	ng	-0.01
78) Terphenyl-d14	12.76	244	1101348	76.61	ng	0.00
Target Compounds						
10) Phenol	6.33	94	77139	4.83	ng	Qvalue # 60
49) Dimethylphthalate	9.42	163	276020	11.44	ng	98
74) Fluoranthene	12.38	202	92758	3.19	ng	92
77) Pyrene	12.61	202	84828	3.61	ng	97
80) Benzo(a)anthracene	13.79	228	52394	2.57	ng	98
87) Benzo(b)fluoranthene	14.81	252	57825m	2.46	ng	

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

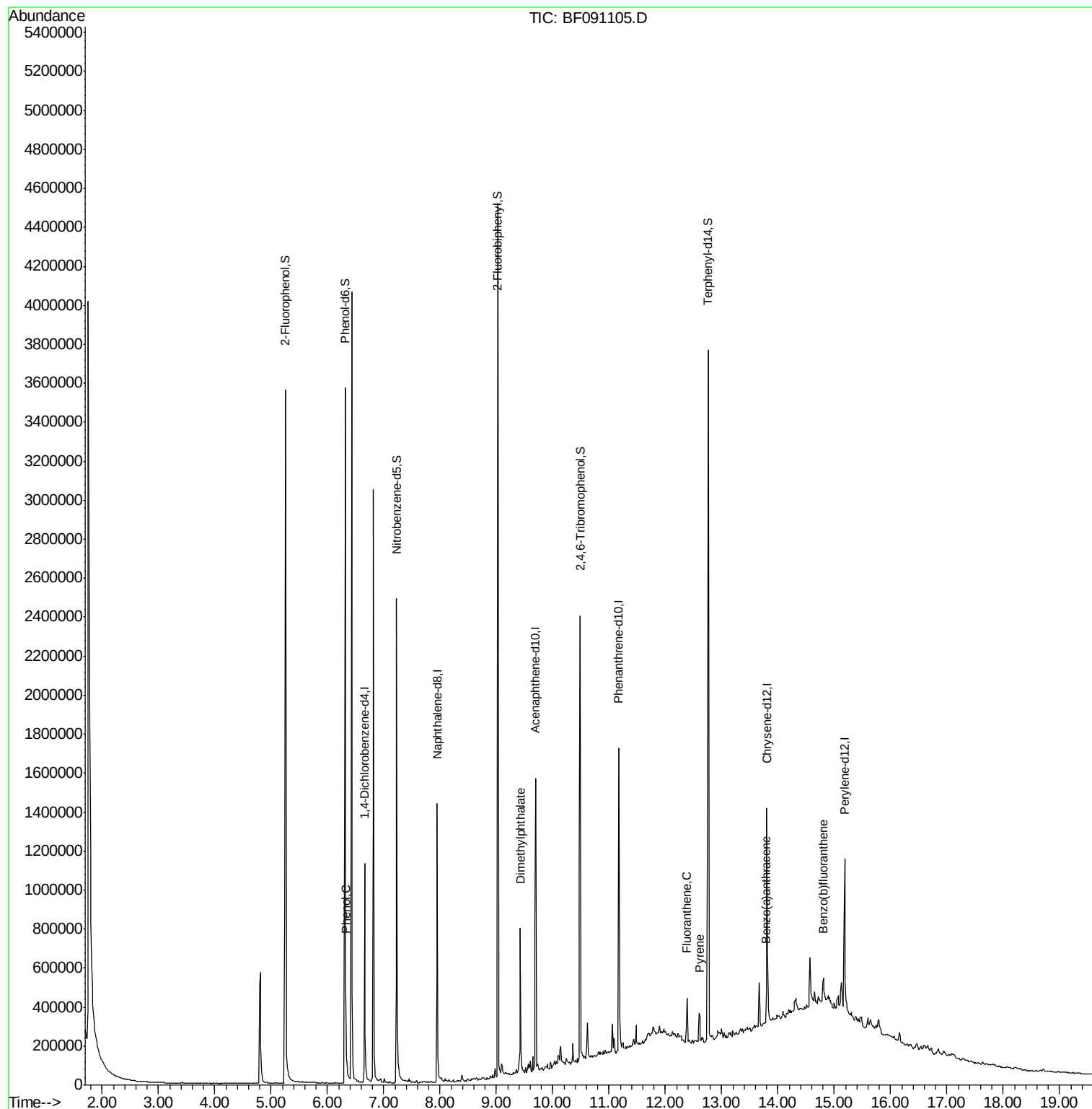
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
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Sample : H5593-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

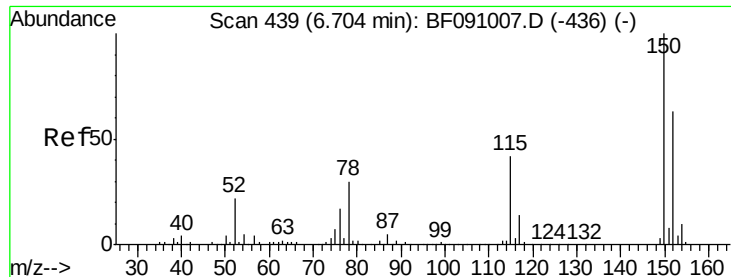
Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALL

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Quant Time: Nov 09 06:10:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration





#1

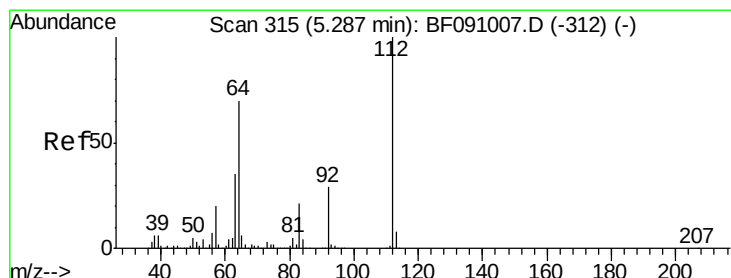
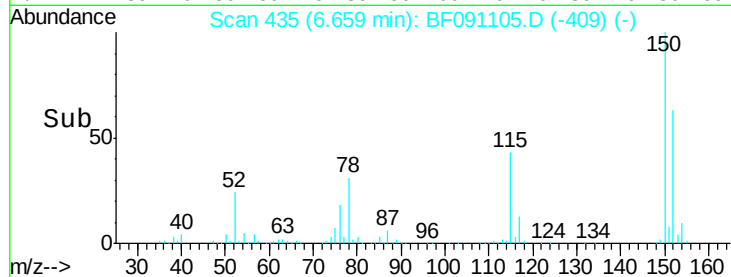
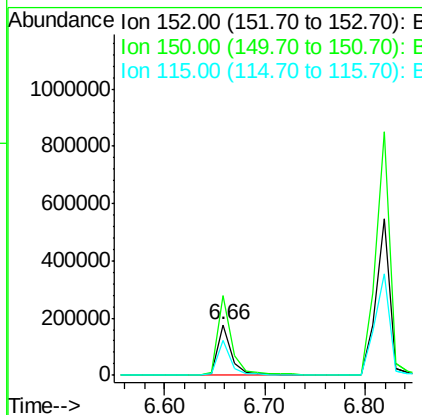
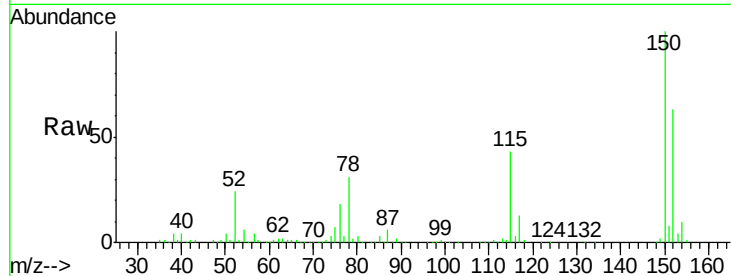
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF091105.D
Acq: 9 Nov 2016 2:48

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.8	190.2
115	68.8	53.3	79.9

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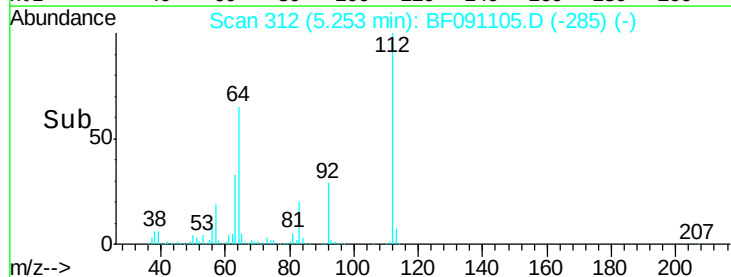
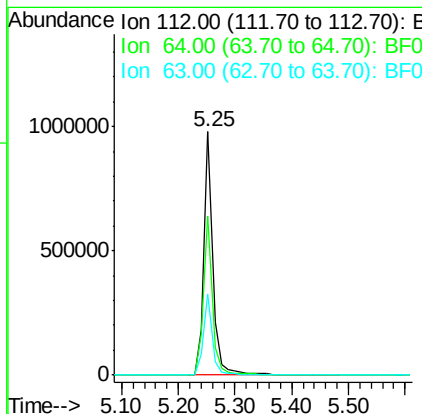
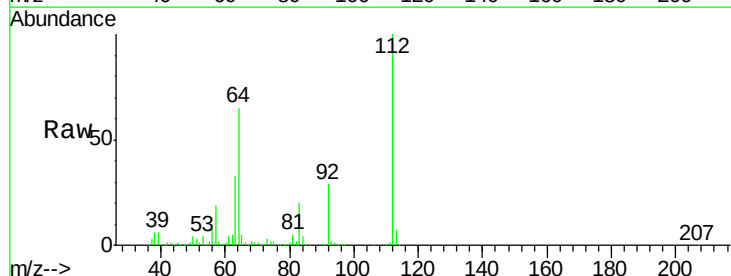
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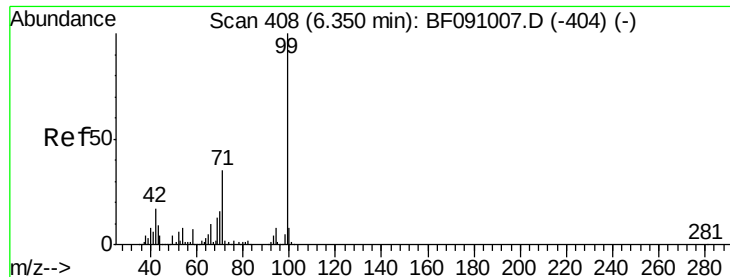


#5

2-Fluorophenol
Concen: 98.54 ng
RT: 5.25 min Scan# 312
Delta R.T. 0.01 min
Lab File: BF091105.D
Acq: 9 Nov 2016 2:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	55.8	83.6
63	33.2	28.0	42.0





#7

Phenol-d6

Concen: 98.74 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF091105.D

Acq: 9 Nov 2016 2:48

Instrument :

BNA_F

ClientSampleId :

WEST-SIDEWALL

Tot Ion: 99 Resp: 1424440

Ion Ratio Lower Upper

99 100

42 17.2 13.9 20.9

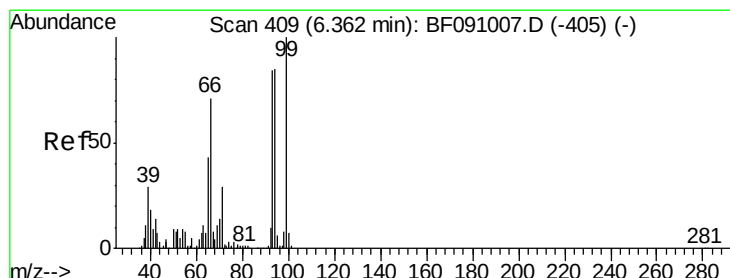
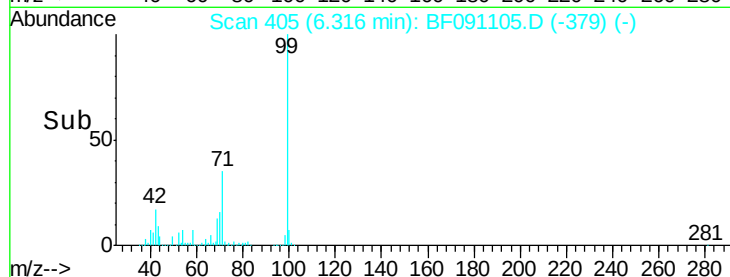
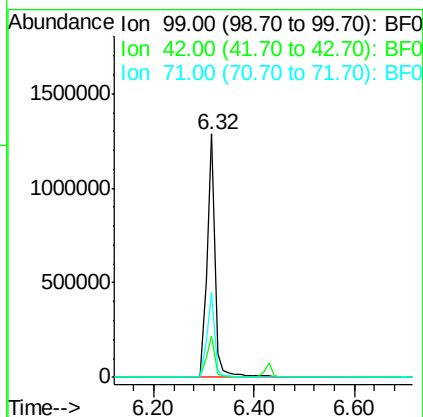
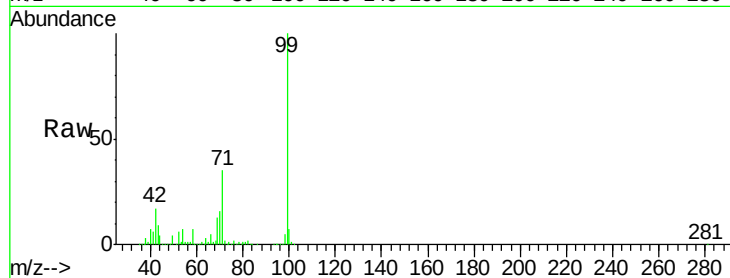
71 34.8 27.8 41.8

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#10

Phenol

Concen: 4.83 ng

RT: 6.33 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF091105.D

Acq: 9 Nov 2016 2:48

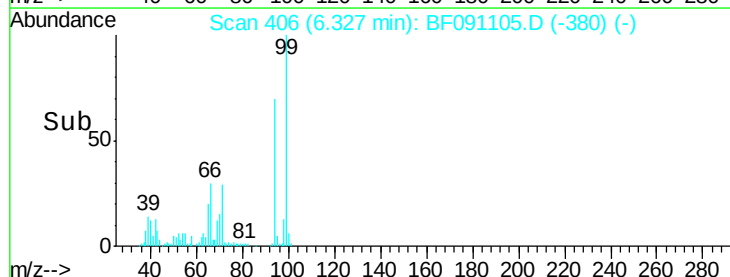
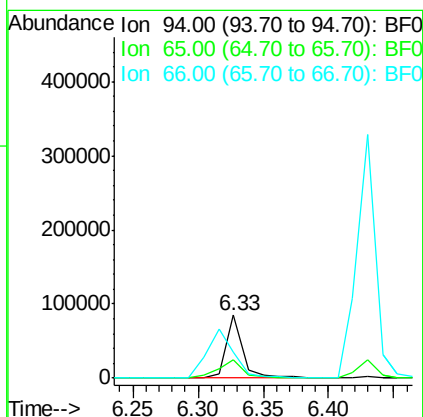
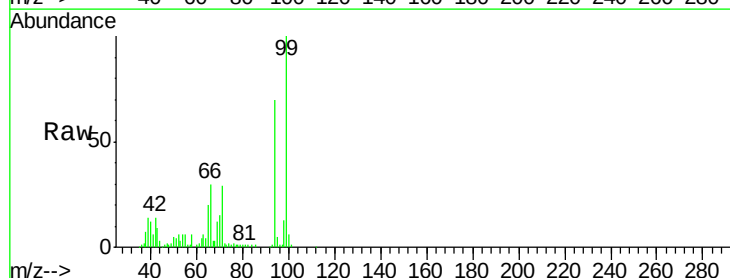
Tgt Ion: 94 Resp: 77139

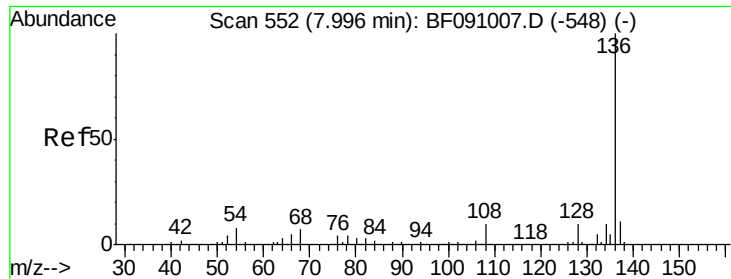
Ion Ratio Lower Upper

94 100

65 29.3 30.4 70.4#

66 42.3 62.9 102.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF091105.D

Acq: 9 Nov 2016 2:48

Instrument :

BNA_F

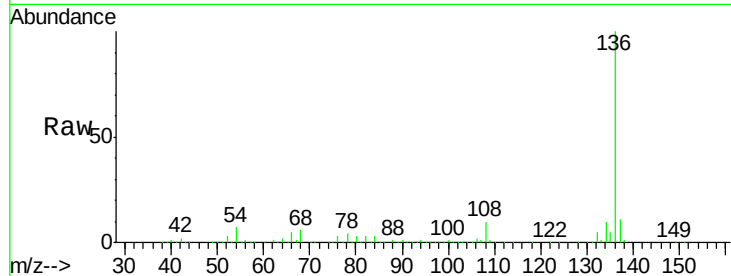
ClientSampleId :

WEST-SIDEWALL

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.1	6.2	9.2
68	6.4	5.5	8.3

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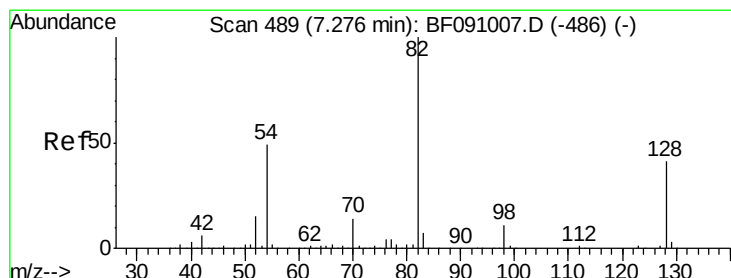
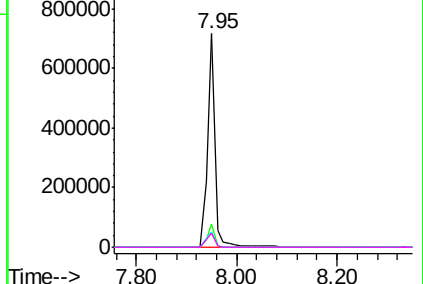
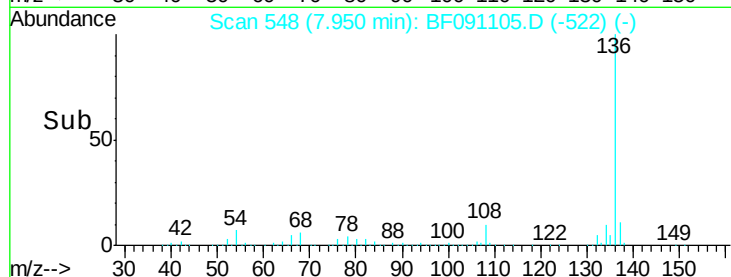


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.31 ng

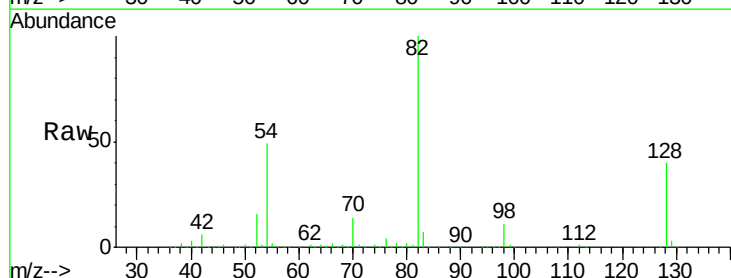
RT: 7.23 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF091105.D

Acq: 9 Nov 2016 2:48

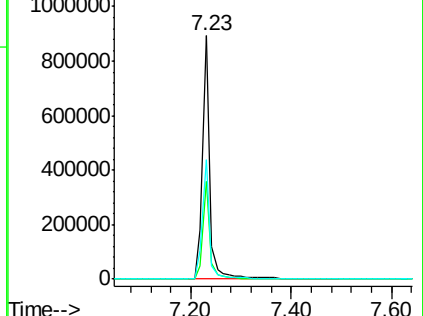
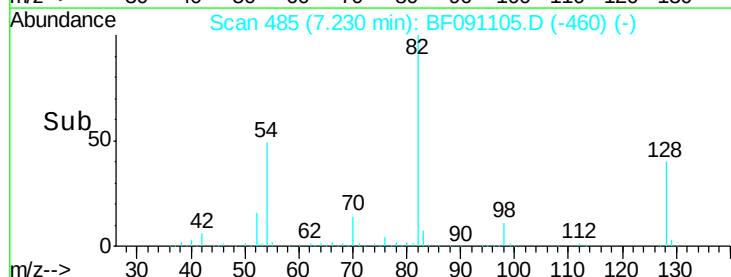
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.9	32.4	48.6
54	49.2	39.2	58.8

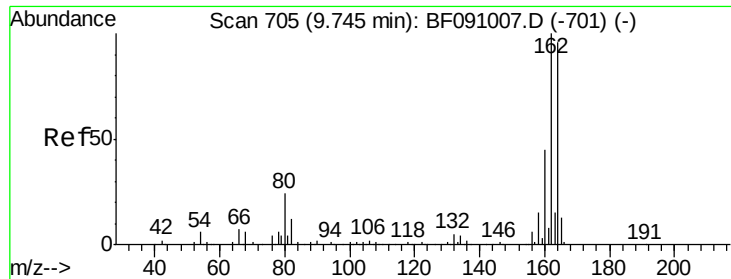


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.70 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF091105.D

Acq: 9 Nov 2016 2:48

Instrument :

BNA_F

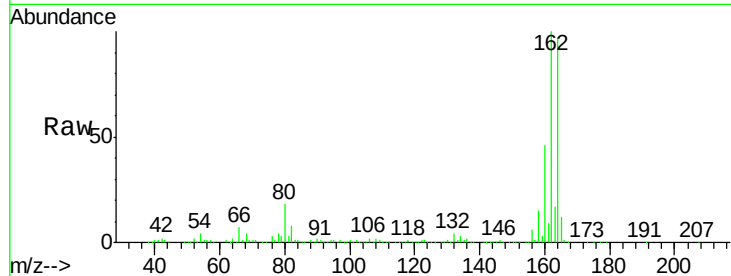
ClientSampleId :

WEST-SIDEWALL

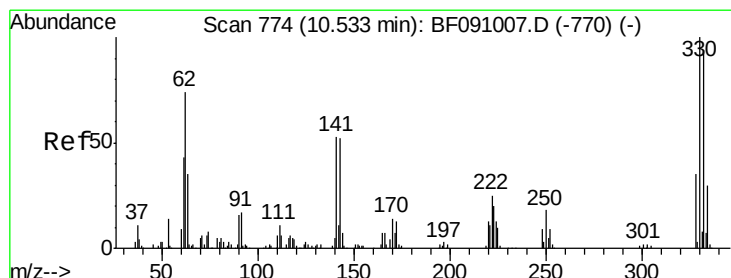
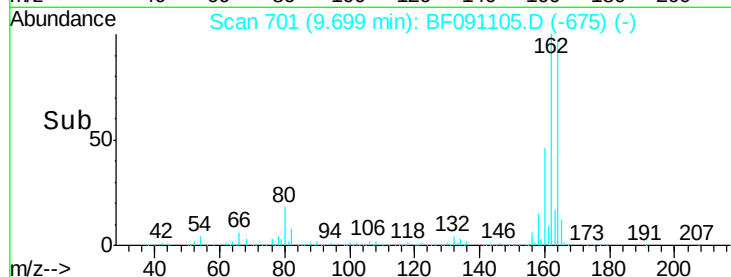
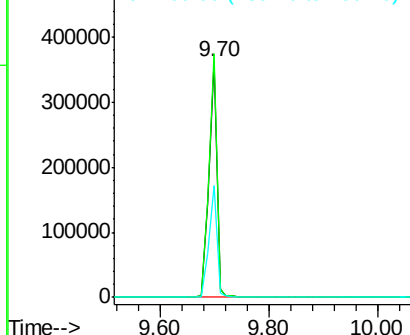
Tot Ion:	164	Resp:	368108
Ion Ratio	Lower	Upper	
164	100		
162	103.2	83.6	125.4
160	47.4	37.9	56.9

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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: 92.38 ng

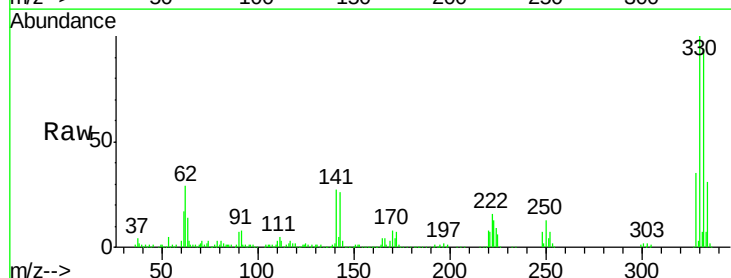
RT: 10.49 min Scan# 770

Delta R.T. -0.00 min

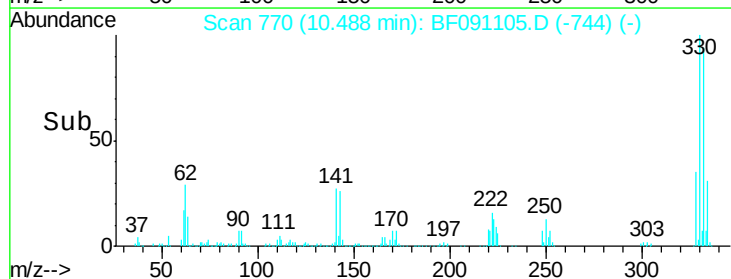
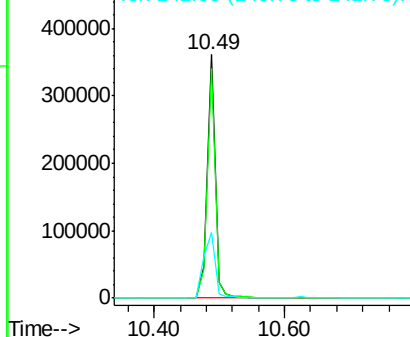
Lab File: BF091105.D

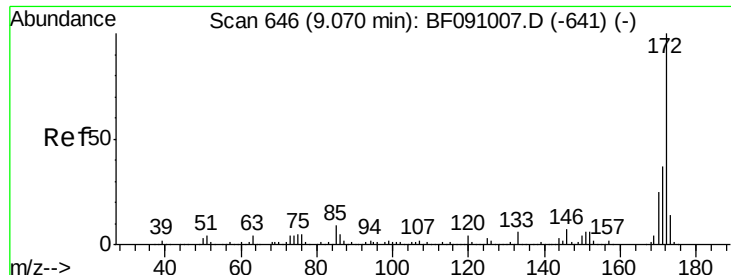
Acq: 9 Nov 2016 2:48

Tgt Ion:	330	Resp:	307439
Ion Ratio	Lower	Upper	
330	100		
332	94.5	75.9	113.9
141	38.4	36.1	54.1



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





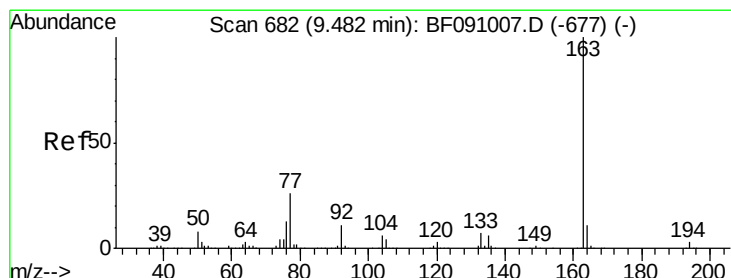
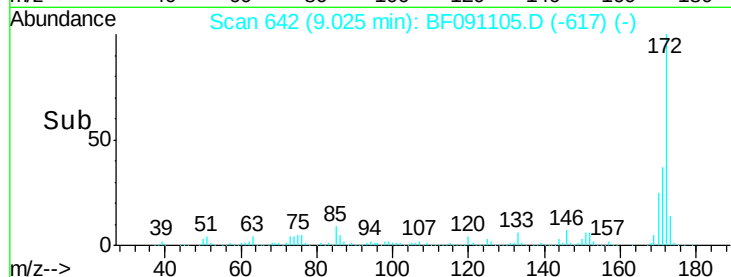
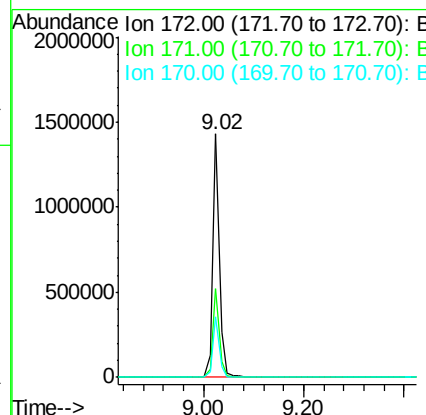
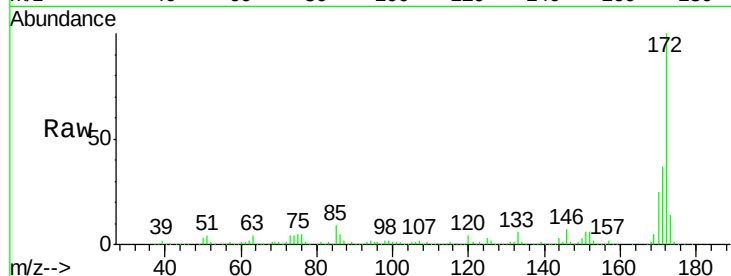
#44
2-Fluorobiphenyl
Concen: 61.27 ng
RT: 9.02 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF091105.D
Acq: 9 Nov 2016 2:48

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALL

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	24.9	20.3	30.5

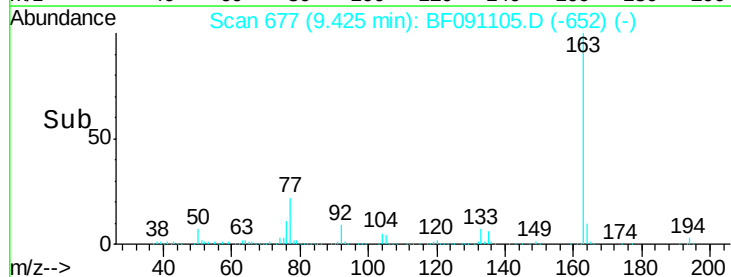
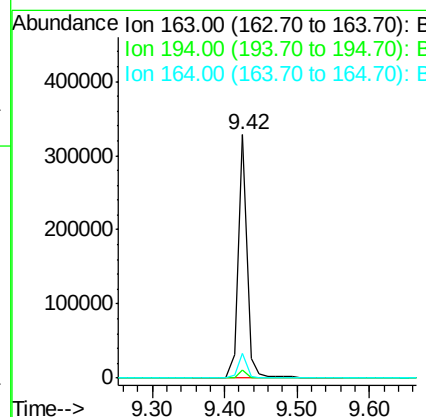
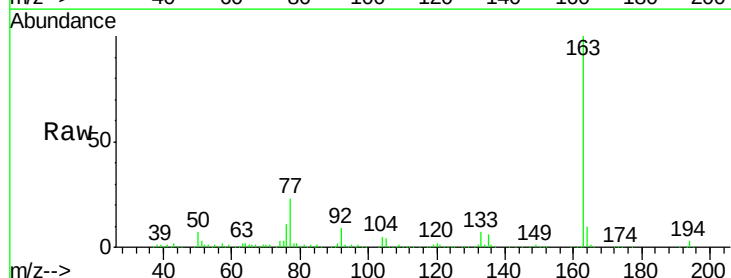
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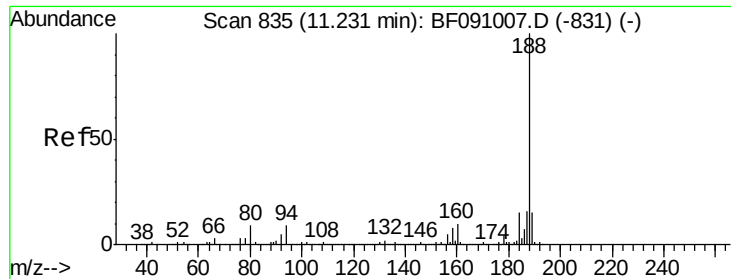
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#49
Dimethylphthalate
Concen: 11.44 ng
RT: 9.42 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF091105.D
Acq: 9 Nov 2016 2:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.0	8.7	13.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.17 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF091105.D

Acq: 9 Nov 2016 2:48

Instrument :

BNA_F

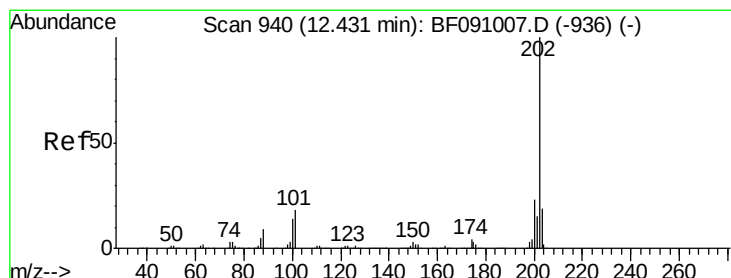
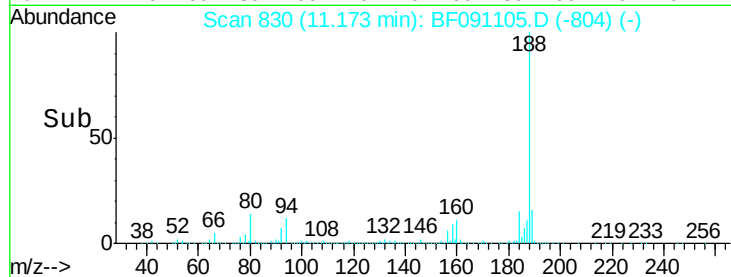
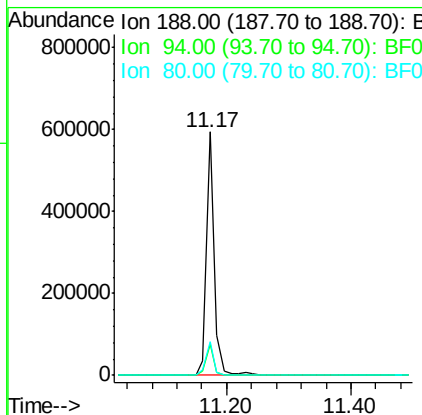
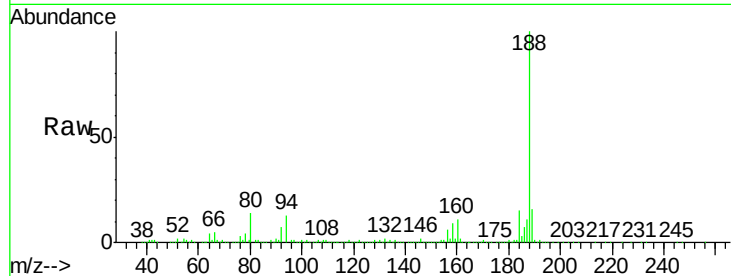
ClientSampleId :

WEST-SIDEWALL

Tot Ion:	188	Resp:	527729
Ion Ratio	Lower	Upper	
188	100		
94	12.6	7.0	10.4#
80	14.0	7.5	11.3#

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#74

Fluoranthene

Concen: 3.19 ng

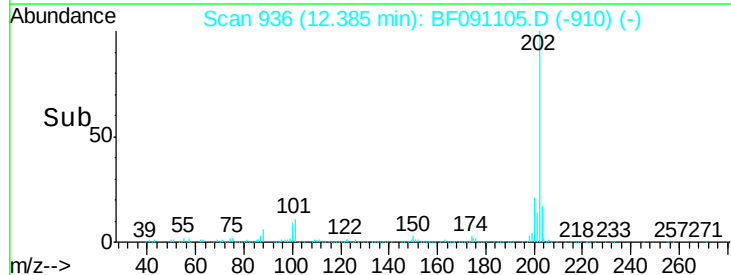
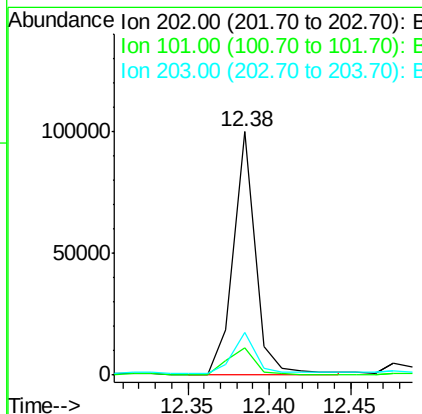
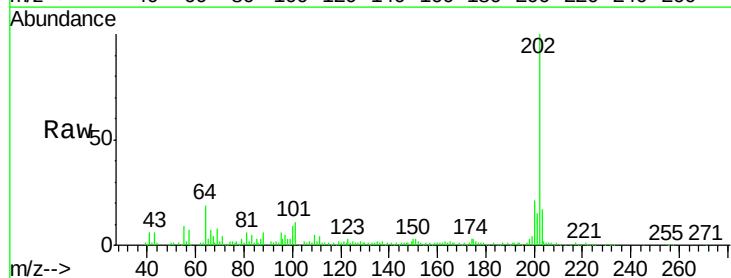
RT: 12.38 min Scan# 936

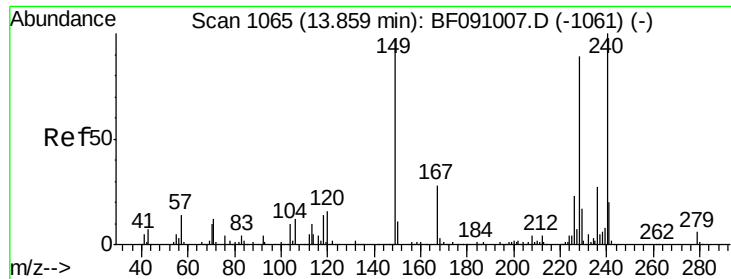
Delta R.T. -0.00 min

Lab File: BF091105.D

Acq: 9 Nov 2016 2:48

Tgt Ion:	202	Resp:	92758
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	37.6
203	17.5	0.0	38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF091105.D

Acq: 9 Nov 2016 2:48

Instrument :

BNA_F

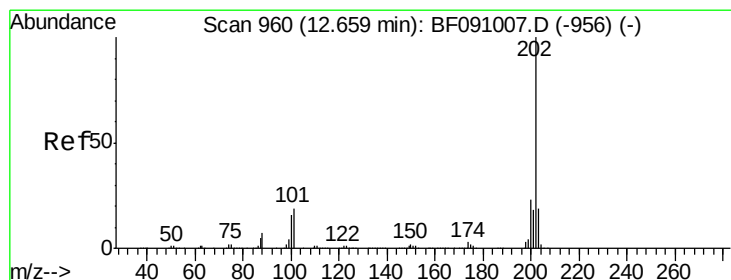
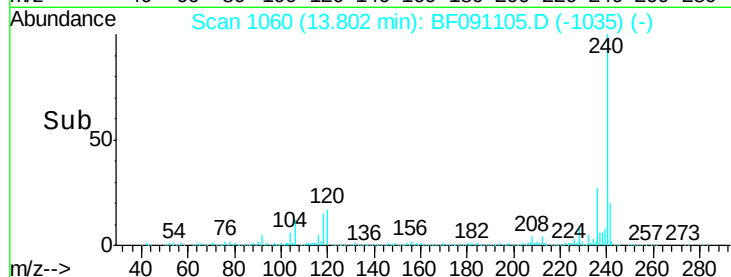
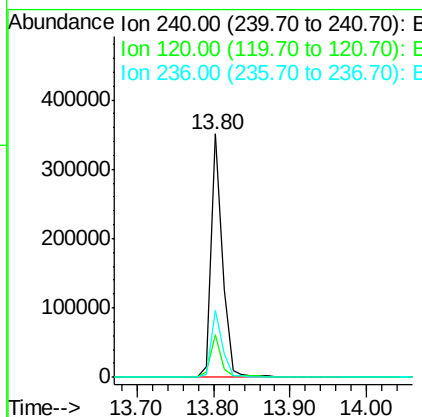
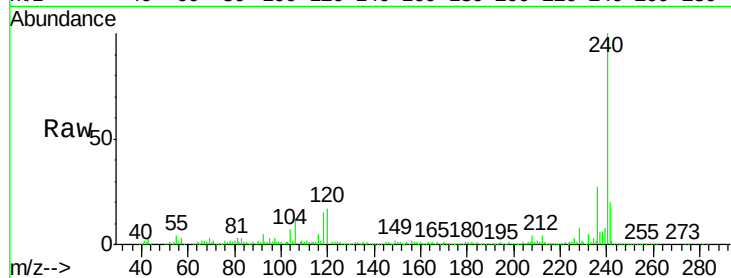
ClientSampleId :

WEST-SIDEWALL

Tot Ion:	240	Resp:	358759
Ion Ratio	Lower	Upper	
240	100		
120	17.3	12.9	19.3
236	27.4	21.9	32.9

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#77

Pyrene

Concen: 3.61 ng

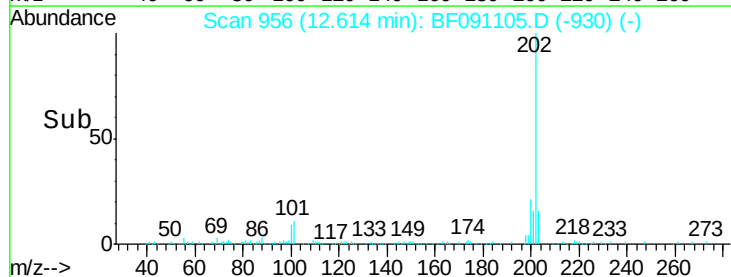
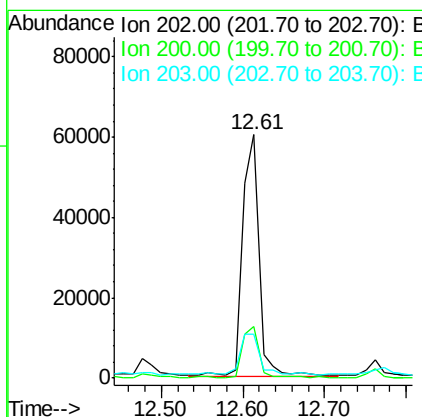
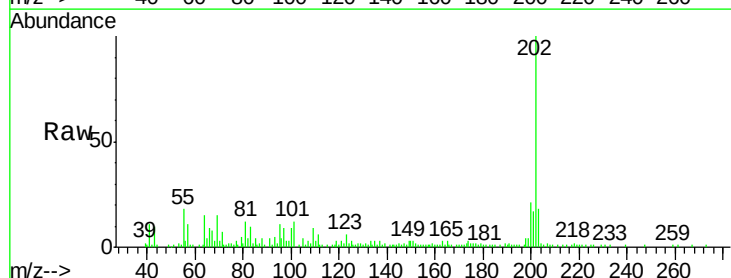
RT: 12.61 min Scan# 956

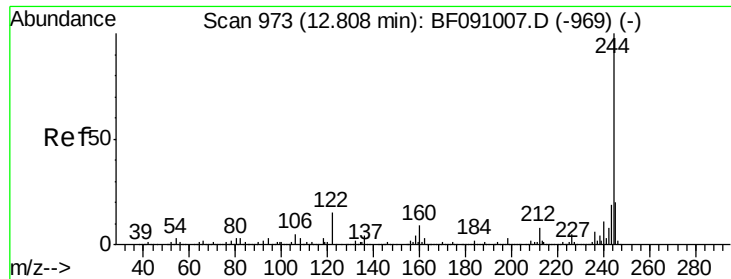
Delta R.T. -0.00 min

Lab File: BF091105.D

Acq: 9 Nov 2016 2:48

Tgt Ion:	202	Resp:	84828
Ion Ratio	Lower	Upper	
202	100		
200	21.1	18.4	27.6
203	18.0	15.0	22.6





#78

Terphenyl-d14

Concen: 76.61 ng

RT: 12.76 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF091105.D

Acq: 9 Nov 2016 2:48

Instrument :

BNA_F

ClientSampleId :

WEST-SIDEWALL

Tot Ion:244 Resp: 1101348

Ion Ratio Lower Upper

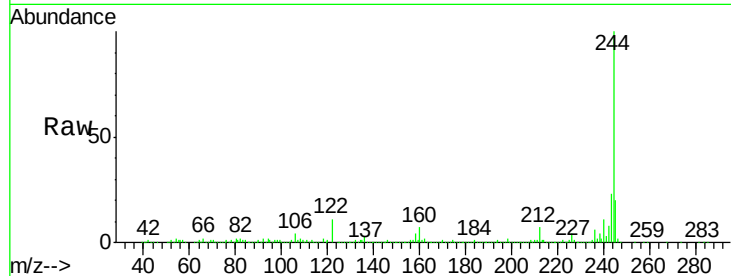
244 100

212 7.4 6.4 9.6

122 11.4 12.3 18.5#

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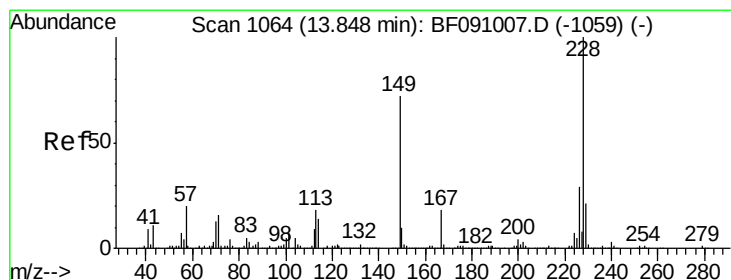
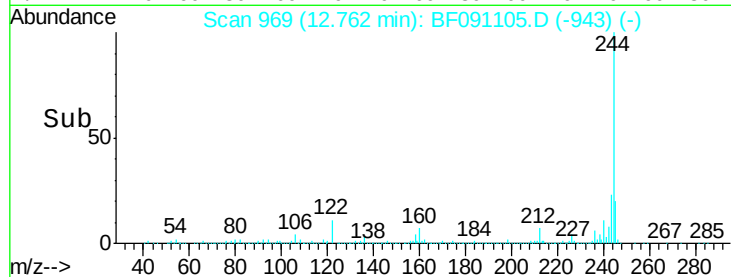
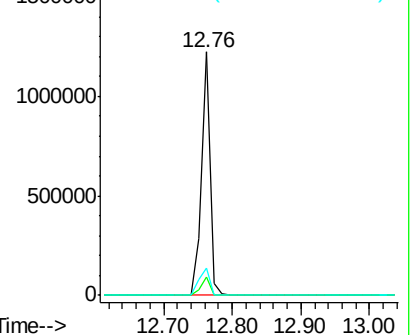
umangi
11/9/2016 10:56:58 AM



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: 2.57 ng

RT: 13.79 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF091105.D

Acq: 9 Nov 2016 2:48

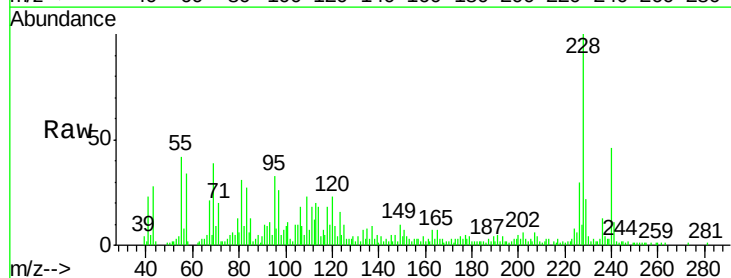
Tgt Ion:228 Resp: 52394

Ion Ratio Lower Upper

228 100

226 29.7 23.0 34.6

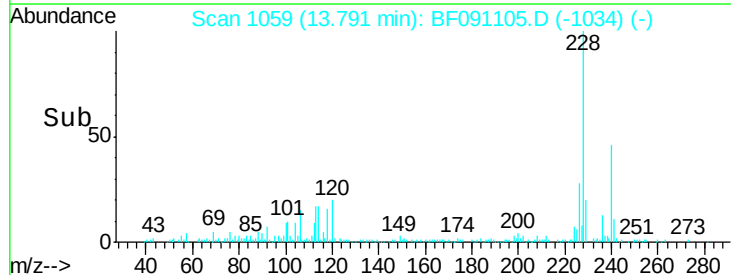
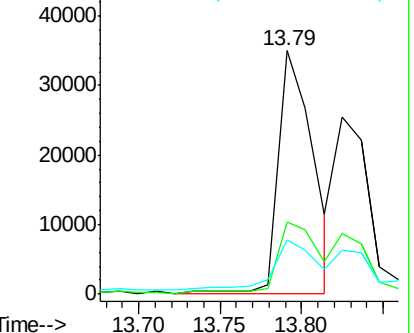
229 22.2 16.6 24.8

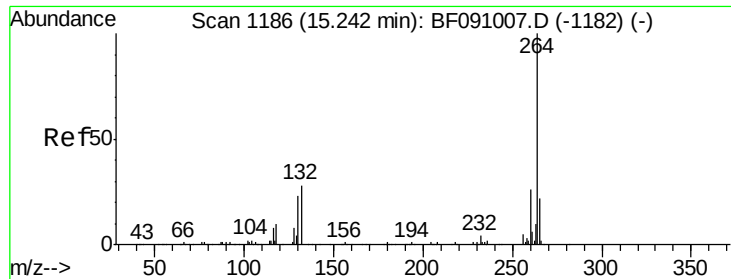


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





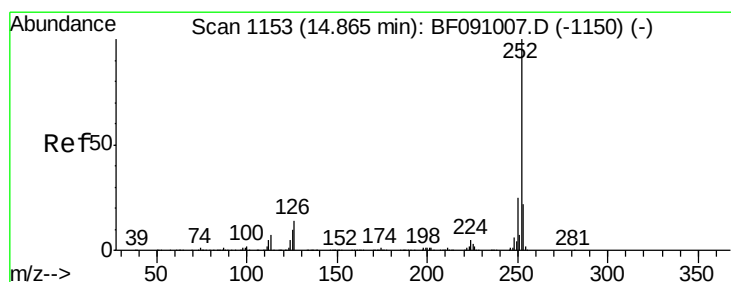
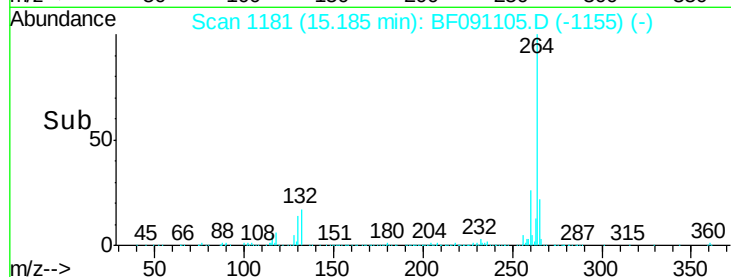
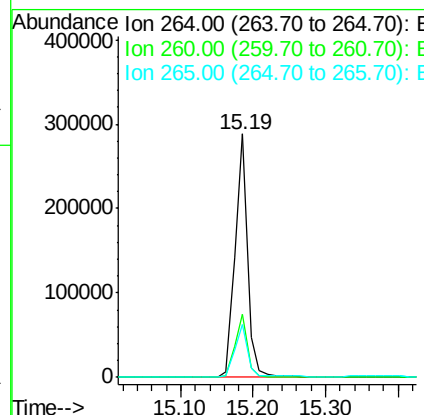
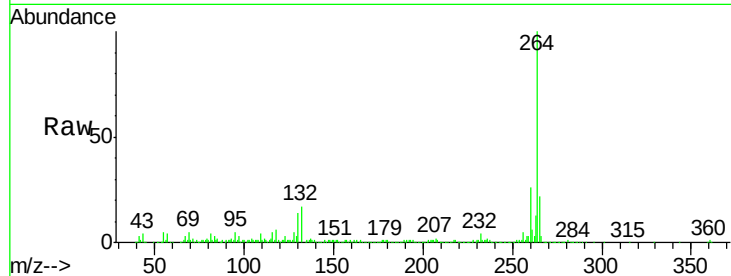
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.19 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF091105.D
Acq: 9 Nov 2016 2:48

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALL

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.6	30.8
265	21.9	17.8	26.8

Manual Integrations
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#87
Benzo(b)fluoranthene
Concen: 2.46 ng m
RT: 14.81 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF091105.D
Acq: 9 Nov 2016 2:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	22.8	8.3	12.5#

