

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
 Data File : BF091064.D
 Acq On : 7 Nov 2016 19:01
 Operator : UM/SJ
 Sample : H5543-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-110-0.5-1.0

Manual Integrations
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Quant Time: Nov 08 11:39:49 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 00:06:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	197922	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	737577	20.00	ng	0.00
38) Acenaphthene-d10	9.71	164	316590	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	249035	20.00	ng	0.02
75) Chrysene-d12	13.92	240	118642	20.00	ng	0.09
86) Perylene-d12	15.32	264	246476	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1218708	101.69	ng	0.00
7) Phenol-d6	6.33	99	1614027	99.23	ng	0.00
23) Nitrobenzene-d5	7.24	82	1029965	76.18	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	202967	70.91	ng	0.00
44) 2-Fluorobiphenyl	9.04	172	1444988	78.58	ng	-0.01
78) Terphenyl-d14	12.84	244	295125	62.07	ng	0.06
Target Compounds						
31) Naphthalene	7.97	128	73344	2.08	ng	98
48) Acenaphthylene	9.57	152	67853	2.48	ng	# 70
49) Dimethylphthalate	9.45	163	524090	25.25	ng	# 98
70) Phenanthrene	11.24	178	162808	12.30	ng	# 66
74) Fluoranthene	12.47	202	97453	7.10	ng	70
77) Pyrene	12.69	202	100971	13.00	ng	# 74
85) Indeno(1,2,3-cd)pyrene	16.63	276	117619	21.34	ng	# 89
91) Benzo(q,h,i)perylene	17.00	276	109757	9.65	ng	94

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

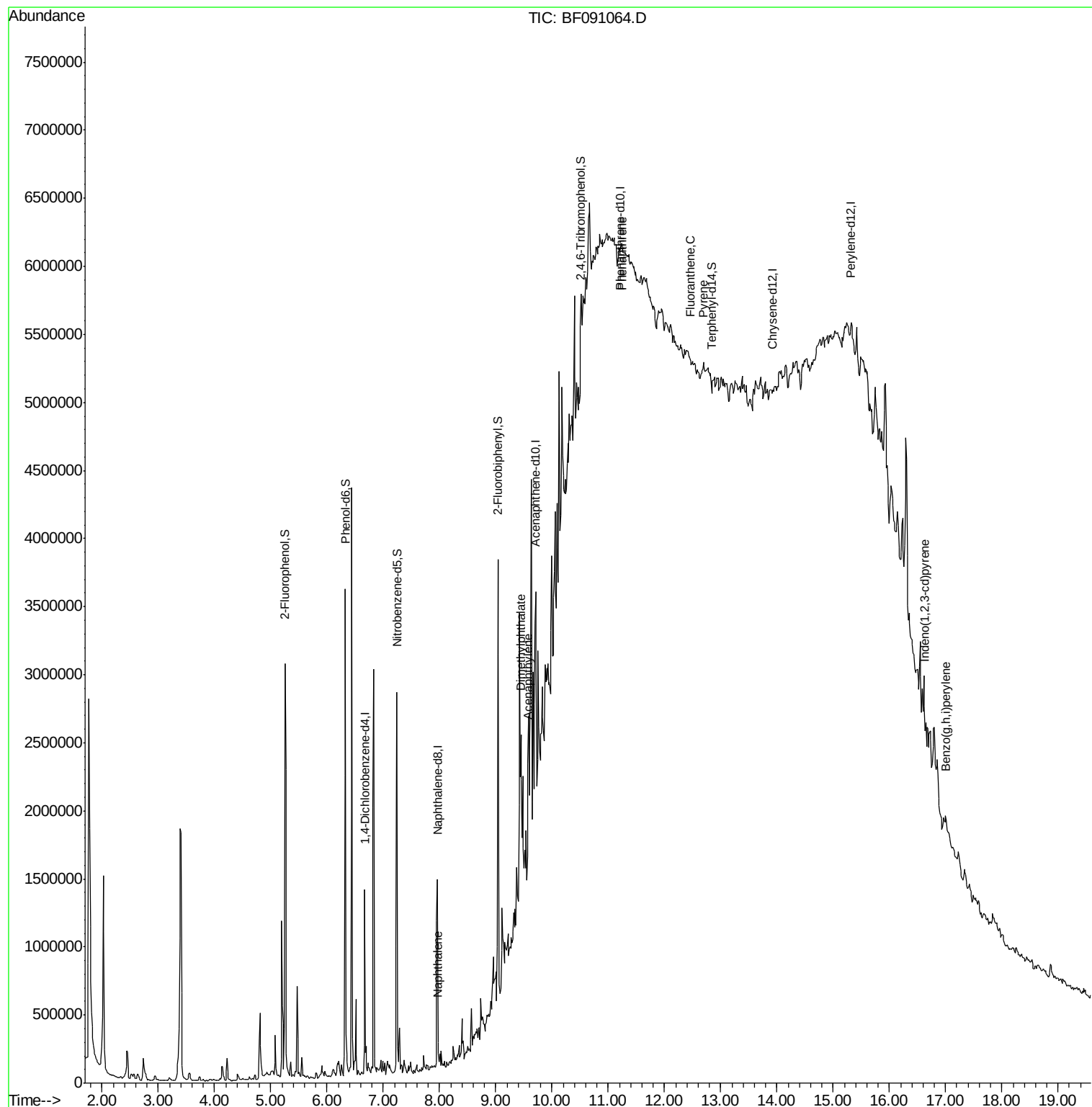
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091064.D
Acq On : 7 Nov 2016 19:01
Operator : UM/SJ
Sample : H5543-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

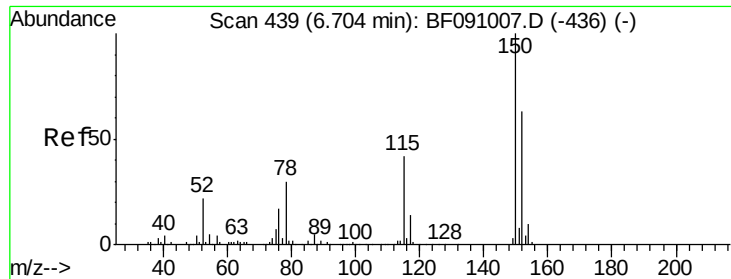
Instrument :
BNA_F
ClientSampleId :
SB-110-0.5-1.0

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Quant Time: Nov 08 11:39:49 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

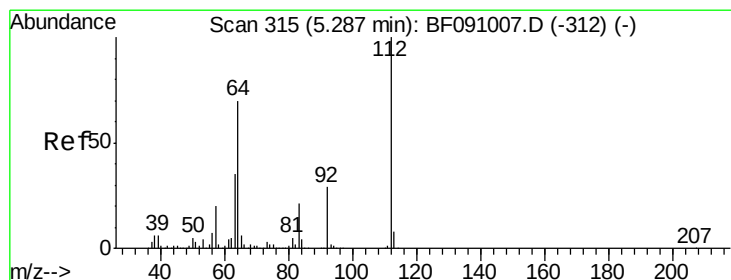
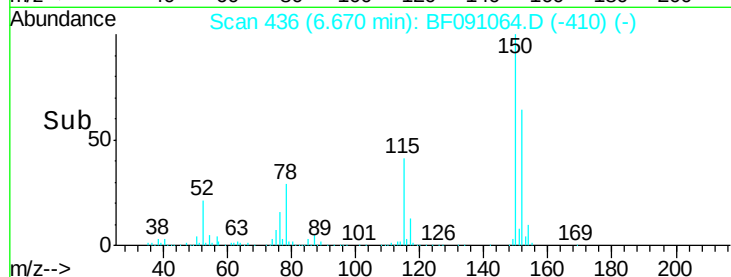
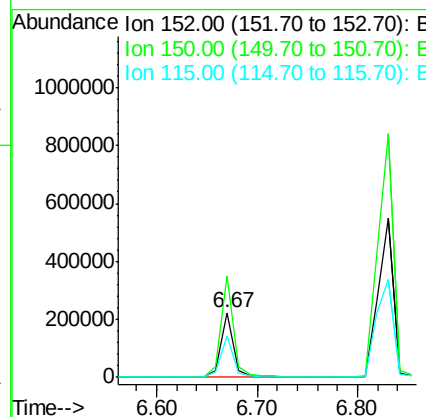
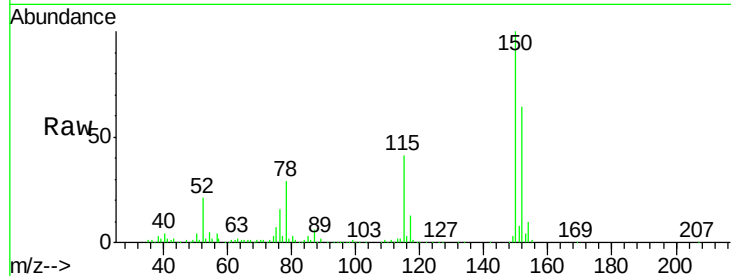
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF091064.D
Acq: 7 Nov 2016 19:01

Instrument :
BNA_F
ClientSampled :
SB-110-0.5-1.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.8	190.2
115	63.7	53.3	79.9

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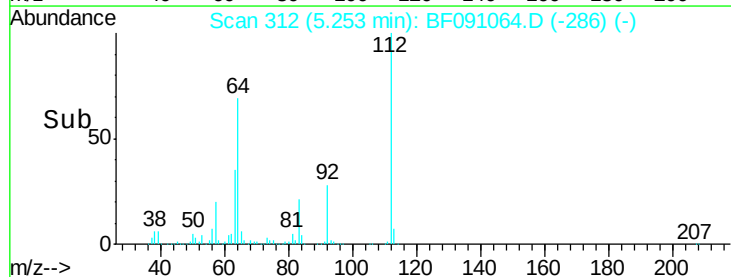
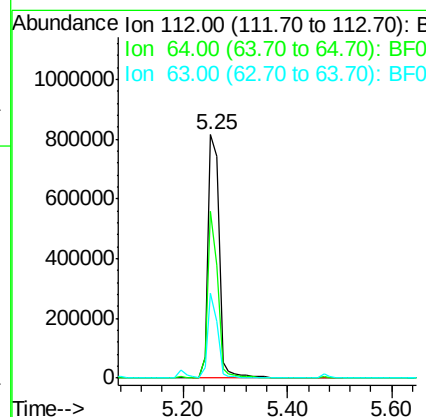
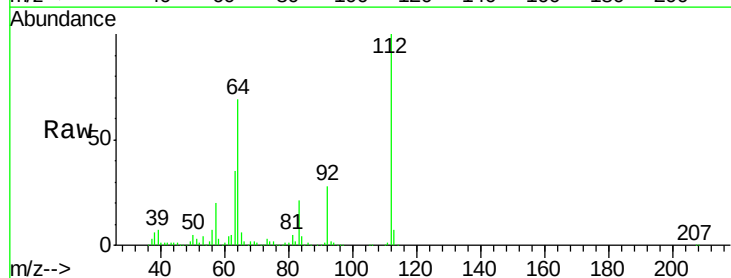
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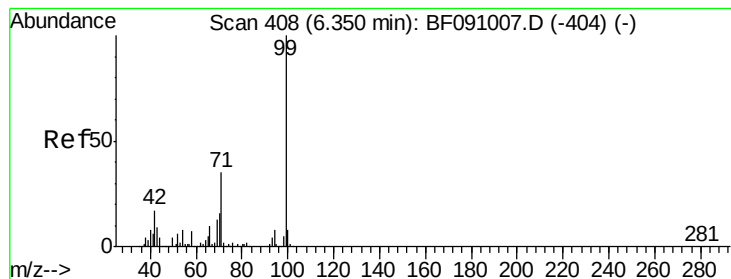


#5

2-Fluorophenol
Concen: 101.69 ng
RT: 5.25 min Scan# 312
Delta R.T. 0.00 min
Lab File: BF091064.D
Acq: 7 Nov 2016 19:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	55.8	83.6
63	34.9	28.0	42.0





#7

Phenol-d6

Concen: 99.23 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF091064.D

Acq: 7 Nov 2016 19:01

Instrument :

BNA_F

ClientSampleId :

SB-110-0.5-1.0

Tot Ion: 99 Resp: 1614027

Ion Ratio Lower Upper

99 100

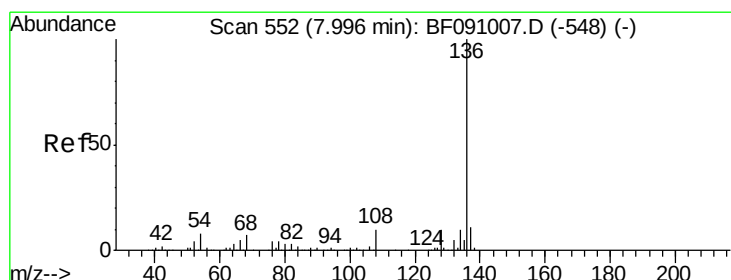
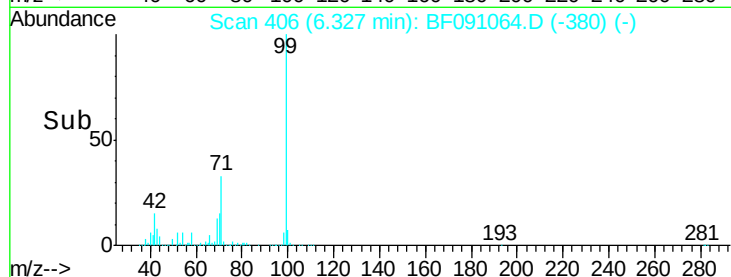
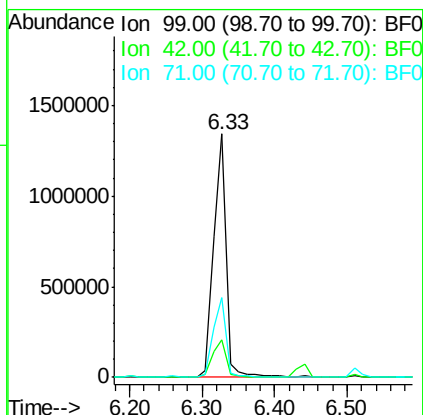
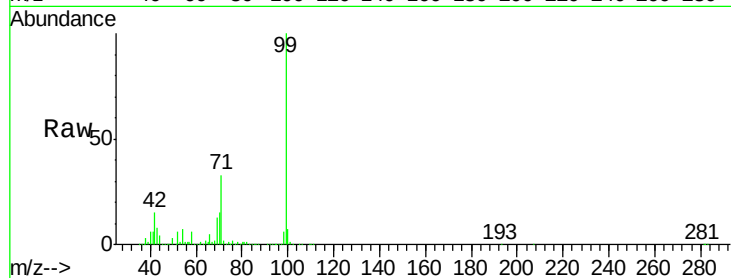
42 15.3 13.9 20.9

71 32.7 27.8 41.8

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF091064.D

Acq: 7 Nov 2016 19:01

Tgt Ion: 136 Resp: 737577

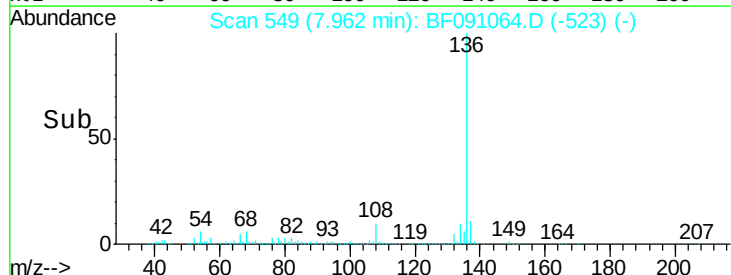
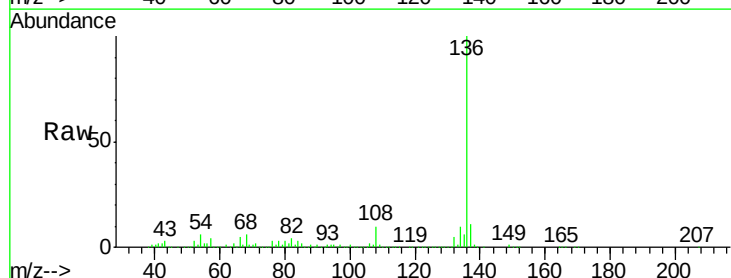
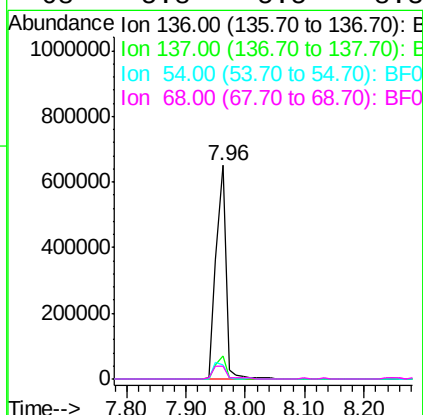
Ion Ratio Lower Upper

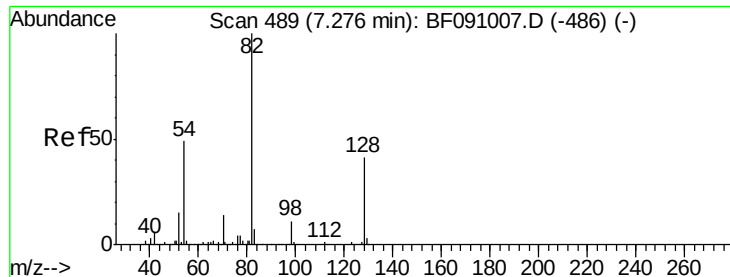
136 100

137 10.9 8.9 13.3

54 6.5 6.2 9.2

68 5.8 5.5 8.3





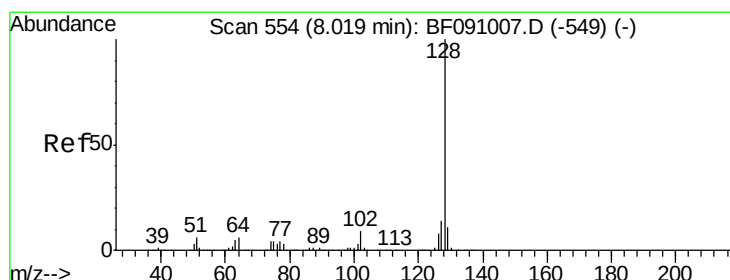
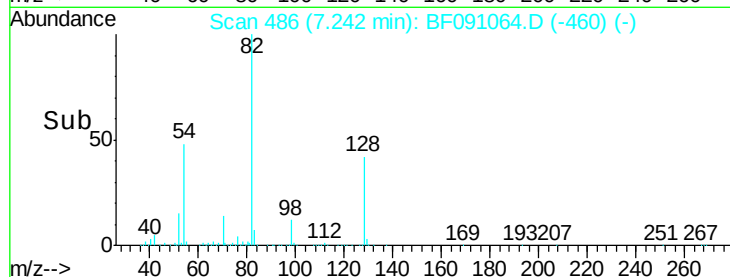
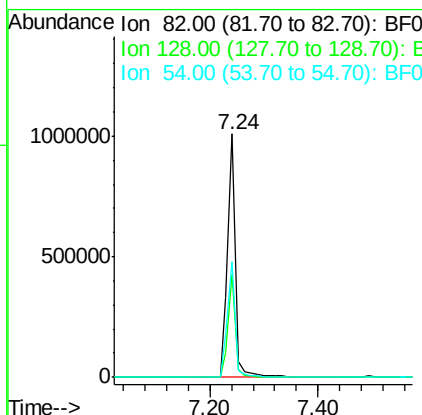
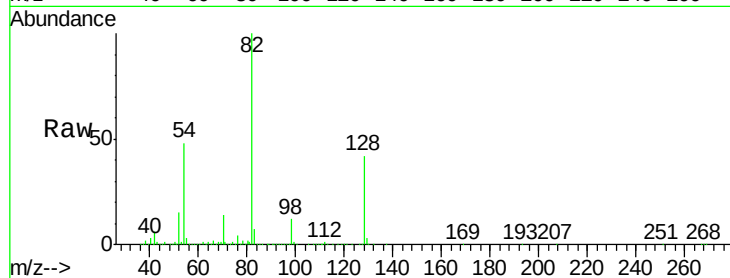
#23
Nitrobenzene-d5
Concen: 76.18 ng
RT: 7.24 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF091064.D
Acq: 7 Nov 2016 19:01

Instrument :
BNA_F
ClientSampleId :
SB-110-0.5-1.0

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.4	48.6
54	47.6	39.2	58.8

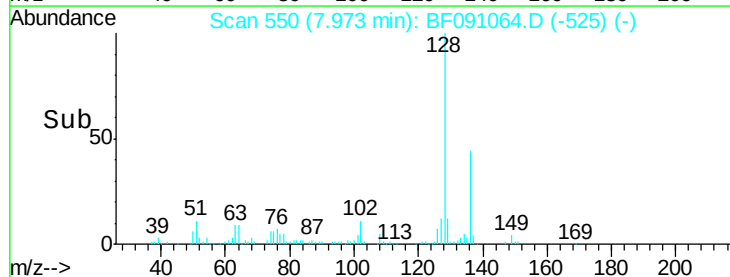
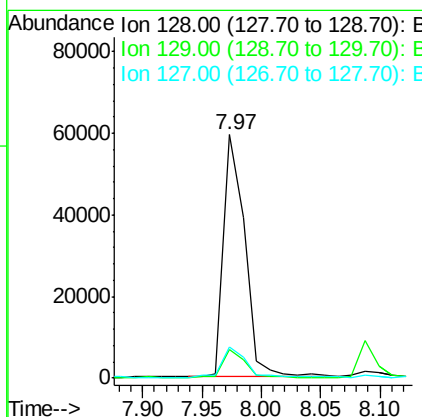
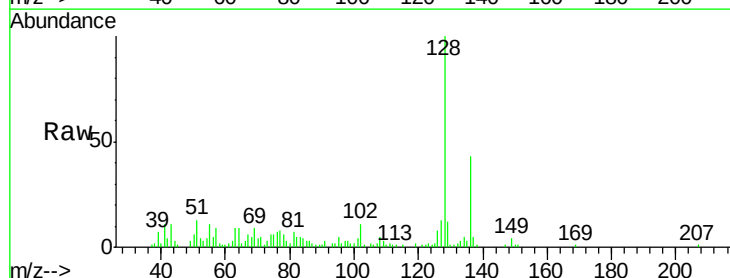
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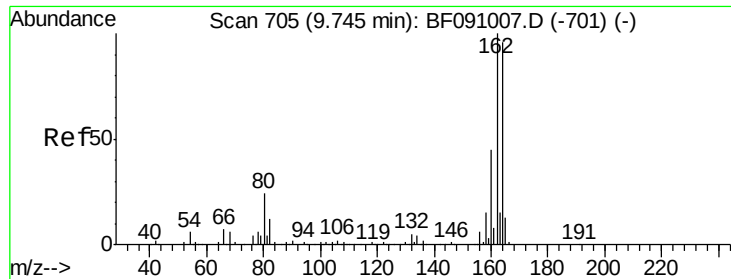
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#31
Naphthalene
Concen: 2.08 ng
RT: 7.97 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF091064.D
Acq: 7 Nov 2016 19:01

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	12.8	10.9	16.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.71 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF091064.D

Acq: 7 Nov 2016 19:01

Instrument :

BNA_F

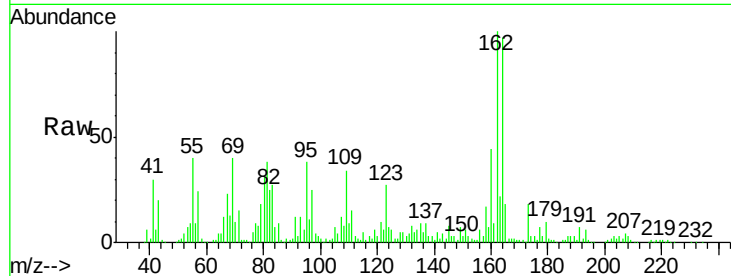
ClientSampleId :

SB-110-0.5-1.0

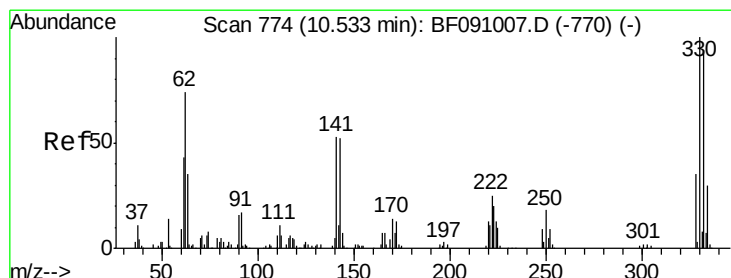
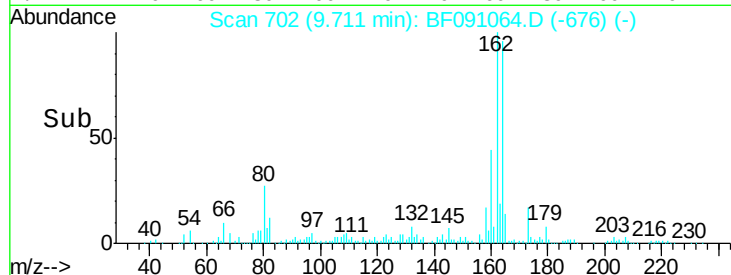
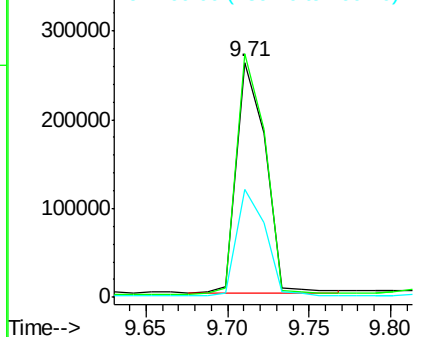
Tot Ion:	164	Resp:	316590
Ion Ratio	Lower	Upper	
164	100		
162	103.5	83.6	125.4
160	46.0	37.9	56.9

Manual Integrations
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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: 70.91 ng

RT: 10.51 min Scan# 772

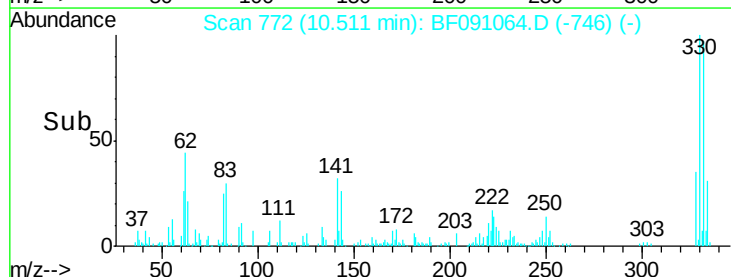
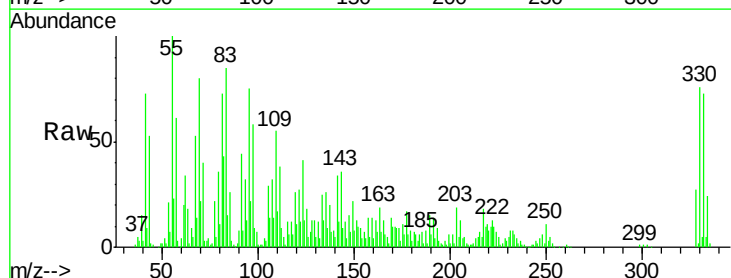
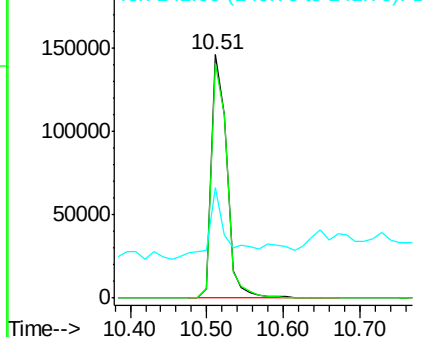
Delta R.T. 0.00 min

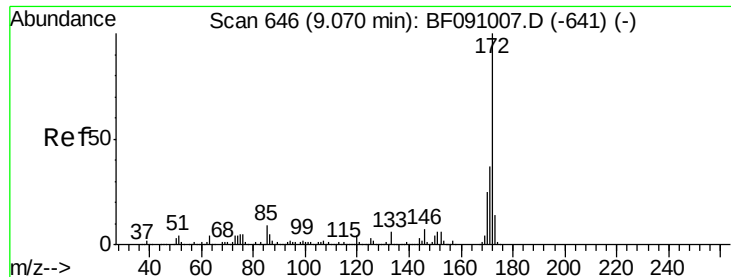
Lab File: BF091064.D

Acq: 7 Nov 2016 19:01

Tgt Ion:	330	Resp:	202967
Ion Ratio	Lower	Upper	
330	100		
332	98.0	75.9	113.9
141	34.7	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





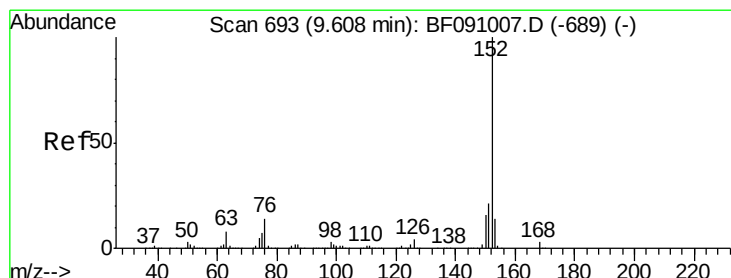
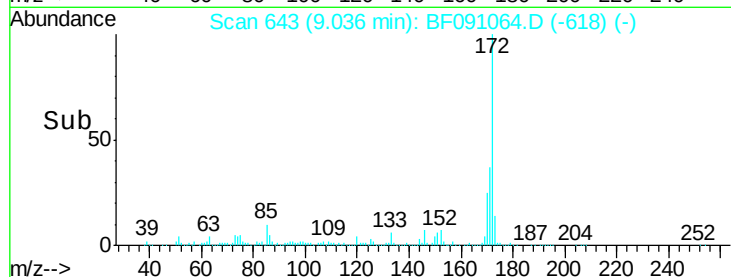
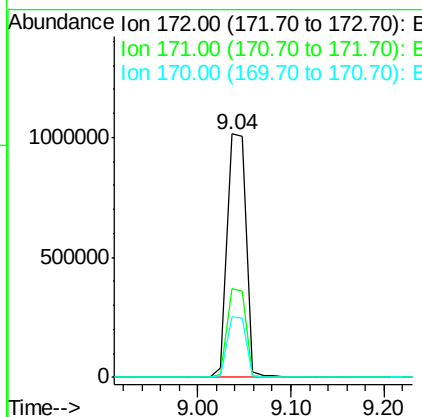
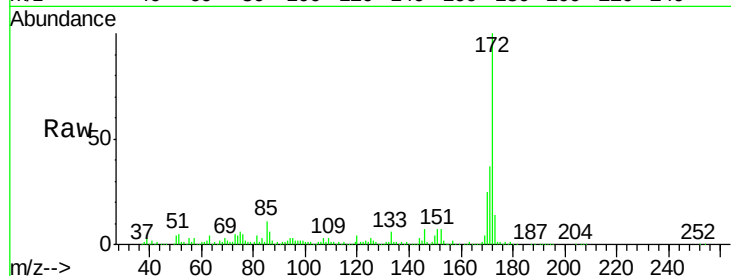
#44
2-Fluorobiphenyl
Concen: 78.58 ng
RT: 9.04 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF091064.D
Acq: 7 Nov 2016 19:01

Instrument :
BNA_F
ClientSampled :
SB-110-0.5-1.0

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.8	44.6
170	25.0	20.3	30.5

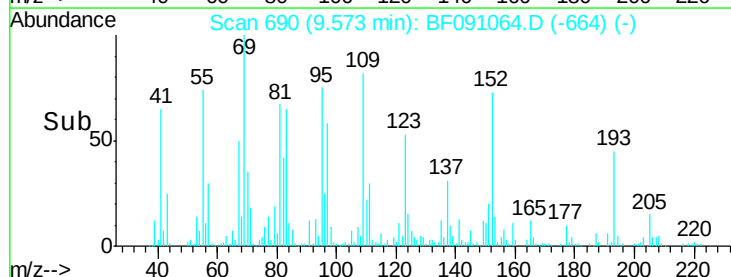
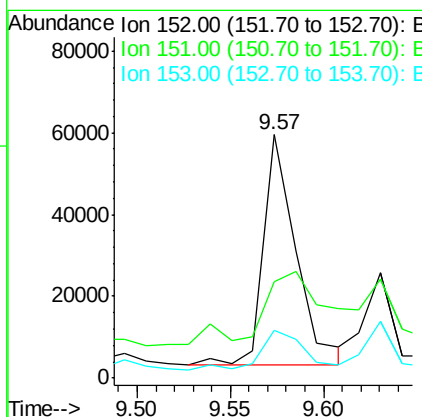
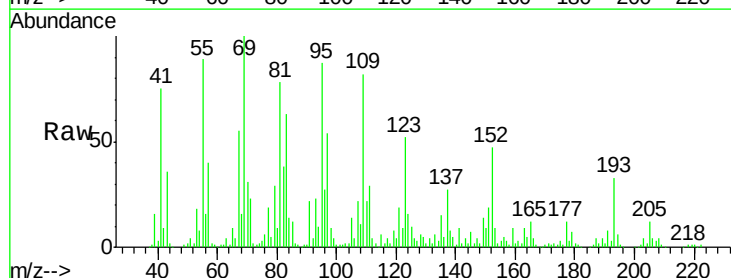
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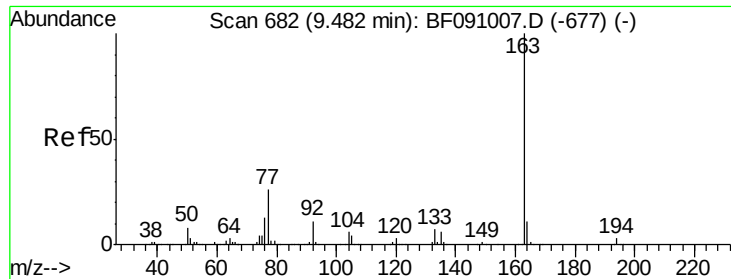
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#48
Acenaphthylene
Concen: 2.48 ng
RT: 9.57 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF091064.D
Acq: 7 Nov 2016 19:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	39.6	16.7	25.1#
153	19.7	11.1	16.7#





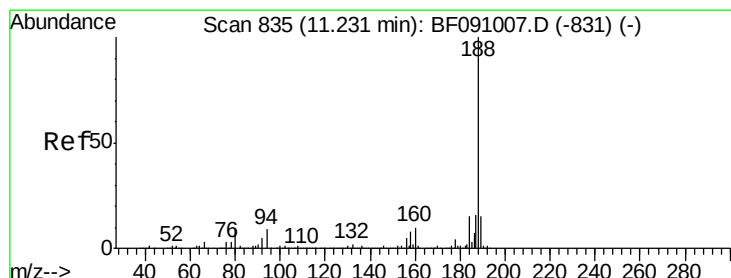
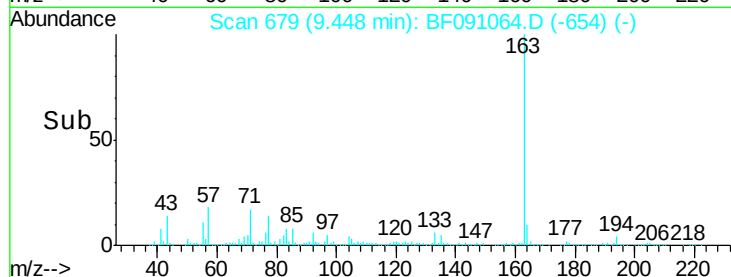
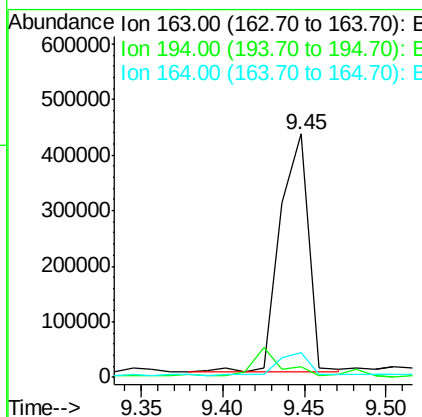
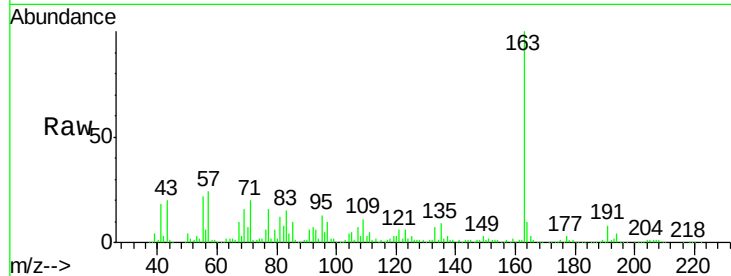
#49
Dimethylphthalate
Concen: 25.25 ng
RT: 9.45 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091064.D
Acq: 7 Nov 2016 19:01

Instrument :
BNA_F
ClientSampleId :
SB-110-0.5-1.0

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.6	4.0#
164	10.3	8.7	13.1

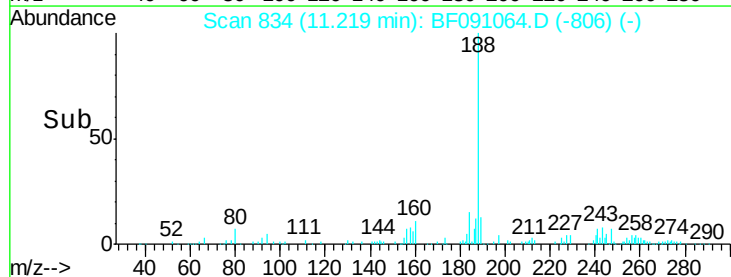
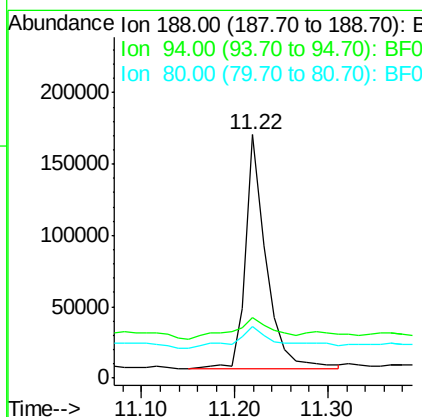
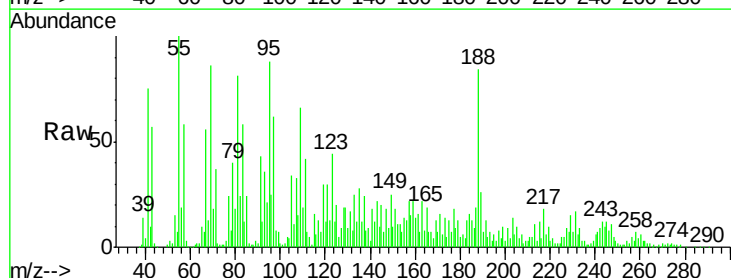
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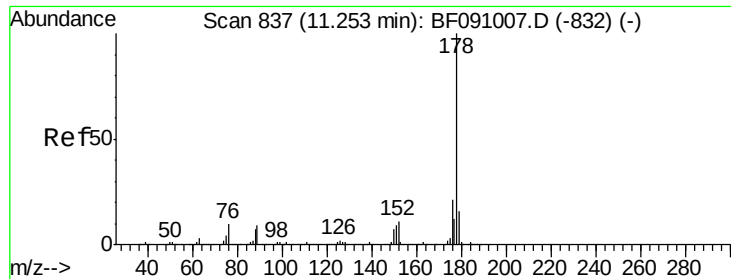
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 834
Delta R.T. 0.02 min
Lab File: BF091064.D
Acq: 7 Nov 2016 19:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	25.1	7.0	10.4#
80	21.1	7.5	11.3#





#70

Phenanthrene

Concen: 12.30 ng

RT: 11.24 min Scan# 836

Delta R.T. 0.02 min

Lab File: BF091064.D

Acq: 7 Nov 2016 19:01

Instrument :

BNA_F

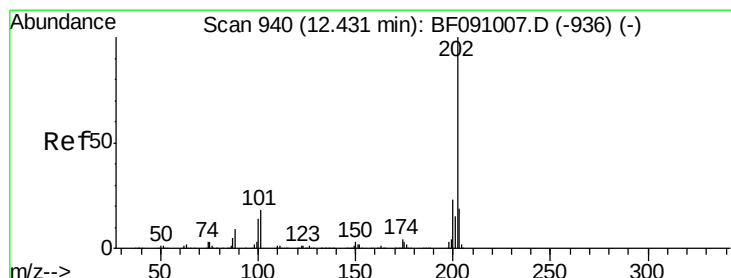
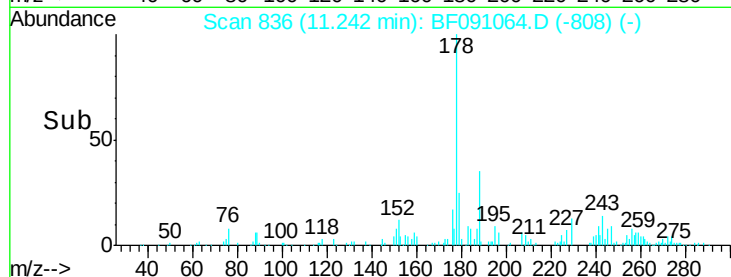
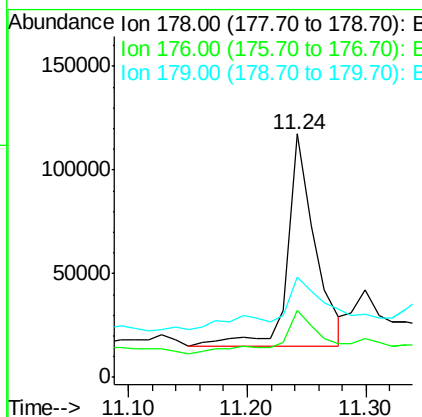
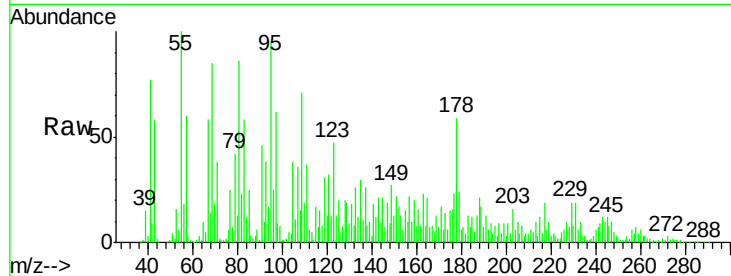
ClientSampleId :

SB-110-0.5-1.0

Tot Ion:178	Resp:	162808
Ion Ratio	Lower	Upper
178	100	
176	27.6	16.6 25.0#
179	41.2	12.9 19.3#

Manual Integrations
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#74

Fluoranthene

Concen: 7.10 ng

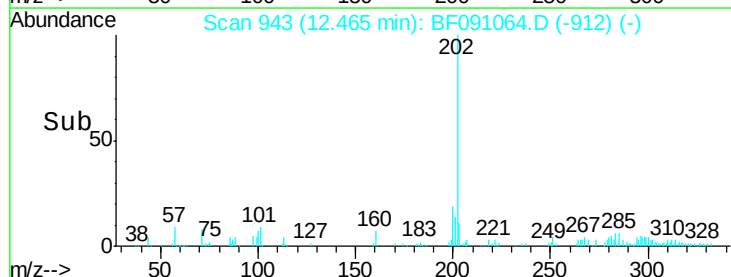
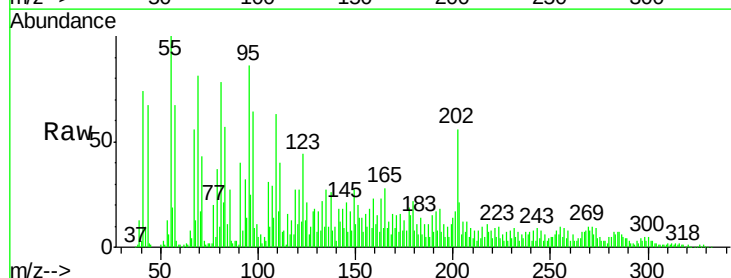
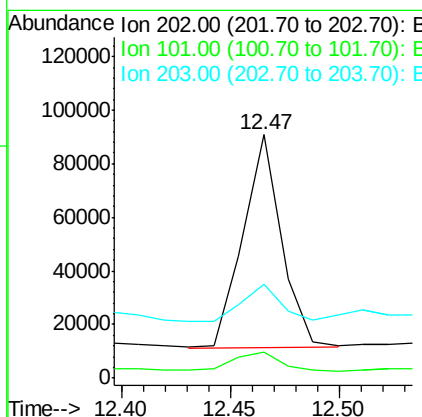
RT: 12.47 min Scan# 943

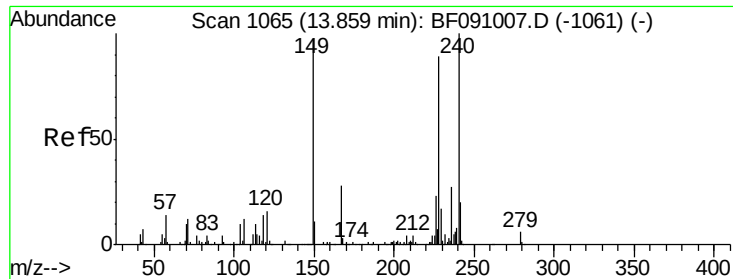
Delta R.T. 0.06 min

Lab File: BF091064.D

Acq: 7 Nov 2016 19:01

Tgt Ion:202	Resp:	97453
Ion Ratio	Lower	Upper
202	100	
101	10.8	0.0 37.6
203	38.3	0.0 38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1070

Delta R.T. 0.09 min

Lab File: BF091064.D

Acq: 7 Nov 2016 19:01

Instrument :

BNA_F

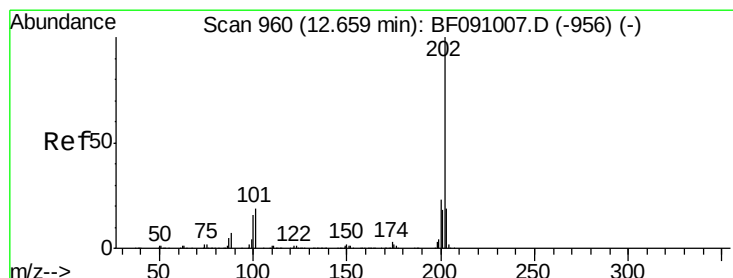
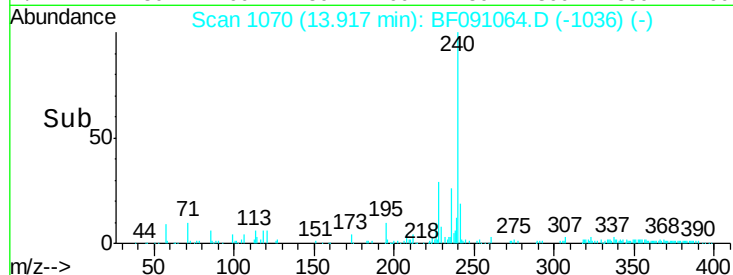
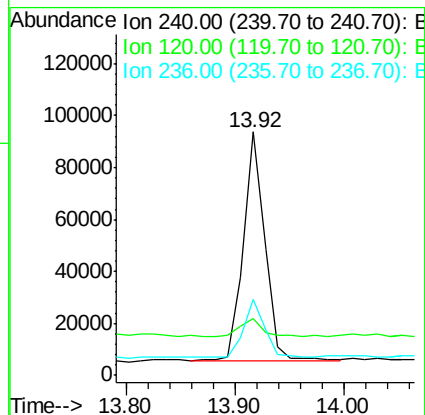
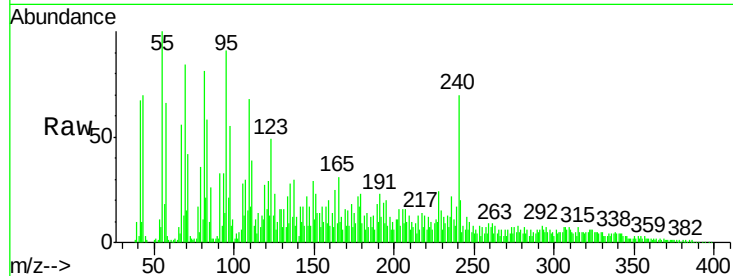
ClientSampleId :

SB-110-0.5-1.0

Tot Ion:	240	Resp:	118642
Ion Ratio	Lower	Upper	
240	100		
120	23.4	12.9	19.3#
236	31.2	21.9	32.9

Manual Integrations
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#77

Pyrene

Concen: 13.00 ng

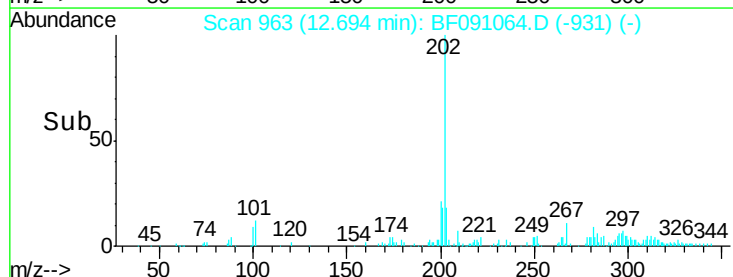
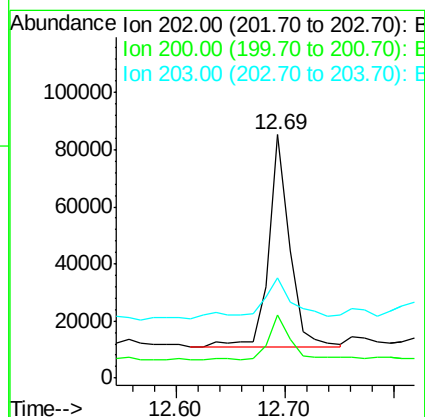
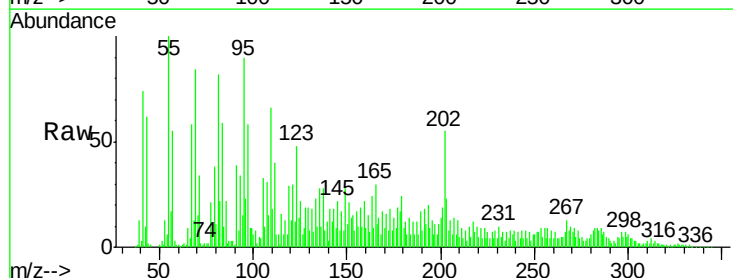
RT: 12.69 min Scan# 963

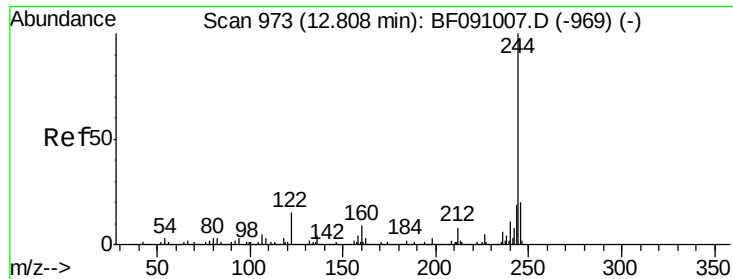
Delta R.T. 0.07 min

Lab File: BF091064.D

Acq: 7 Nov 2016 19:01

Tgt Ion:	202	Resp:	100971
Ion Ratio	Lower	Upper	
202	100		
200	26.0	18.4	27.6
203	41.3	15.0	22.6#





#78

Terphenyl-d14

Concen: 62.07 ng

RT: 12.84 min Scan# 976

Delta R.T. 0.06 min

Lab File: BF091064.D

Acq: 7 Nov 2016 19:01

Instrument :

BNA_F

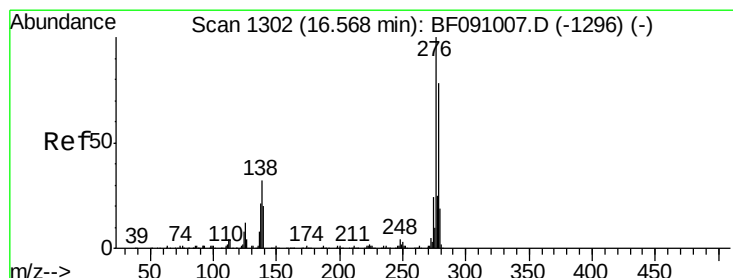
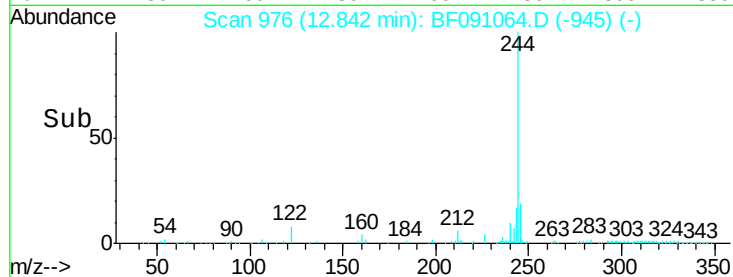
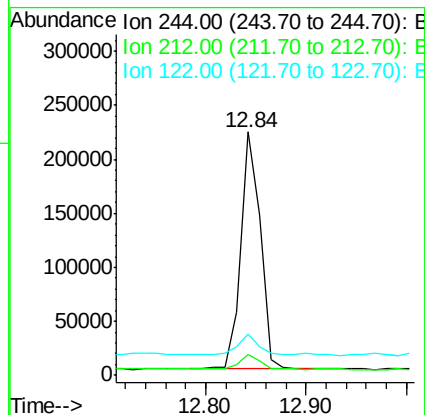
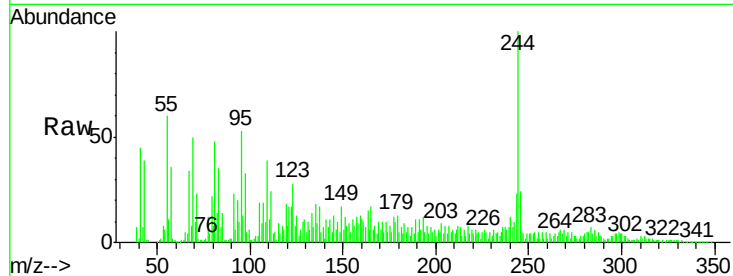
ClientSampleId :

SB-110-0.5-1.0

Tot Ion:	244	Resp:	295125
Ion Ratio		Lower	Upper
244	100		
212	8.4	6.4	9.6
122	16.9	12.3	18.5

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 21.34 ng

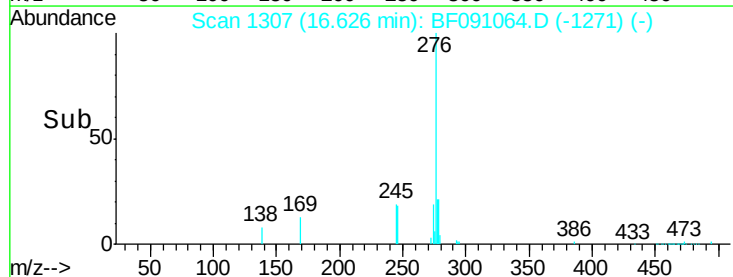
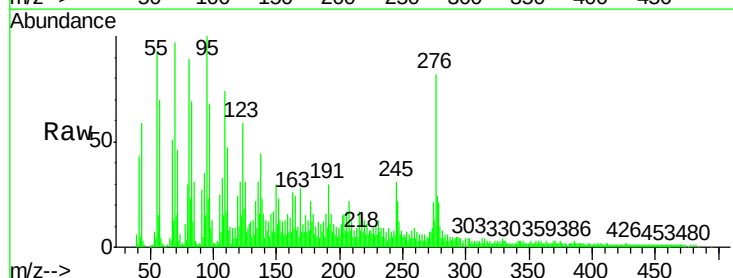
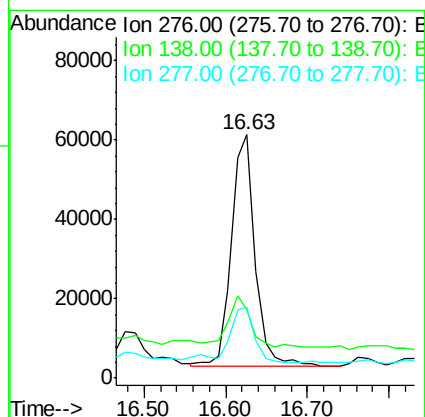
RT: 16.63 min Scan# 1307

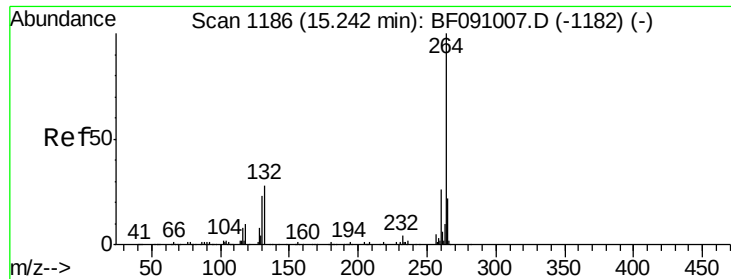
Delta R.T. 0.11 min

Lab File: BF091064.D

Acq: 7 Nov 2016 19:01

Tgt Ion:	276	Resp:	117619
Ion Ratio		Lower	Upper
276	100		
138	21.7	26.0	39.0#
277	25.8	20.1	30.1





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.32 min Scan# 1193

Delta R.T. 0.11 min

Lab File: BF091064.D

Acq: 7 Nov 2016 19:01

Instrument :

BNA_F

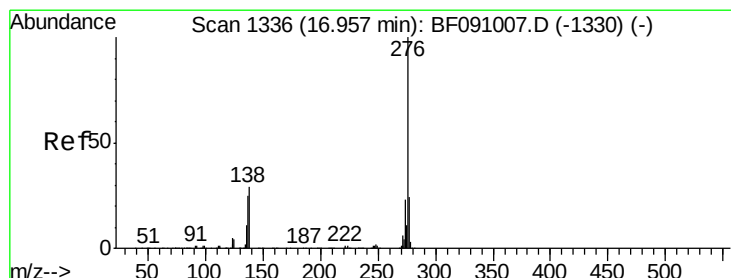
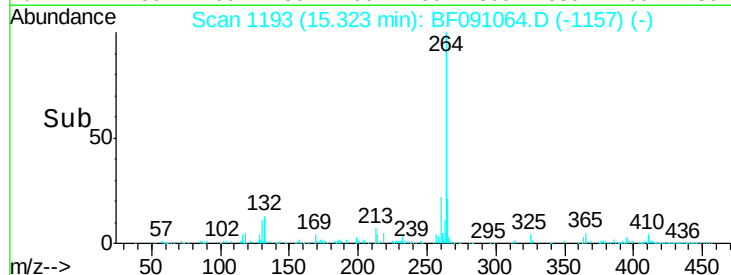
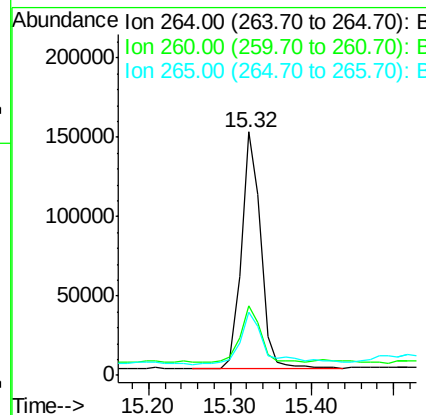
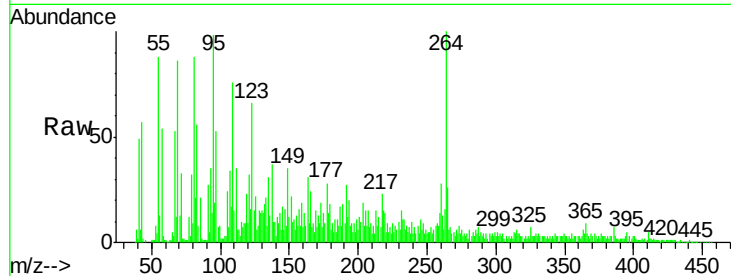
ClientSampleId :

SB-110-0.5-1.0

Tot Ion:	264	Resp:	246476
Ion Ratio	Lower	Upper	
264	100		
260	28.4	20.6	30.8
265	25.8	17.8	26.8

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 9.65 ng

RT: 17.00 min Scan# 1340

Delta R.T. 0.11 min

Lab File: BF091064.D

Acq: 7 Nov 2016 19:01

Tgt Ion:	276	Resp:	109757
Ion Ratio	Lower	Upper	
276	100		
277	28.5	19.2	28.8
138	27.3	23.3	34.9

