

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
 Data File : BF091240.D
 Acq On : 18 Nov 2016 18:34
 Operator : UM/SJ
 Sample : H5711-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1050-410-NEWYORK

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Quant Time: Nov 18 22:59:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 18 22:22:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	170554	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	364837	20.00	ng	0.01
38) Acenaphthene-d10	9.68	164	147626	20.00	ng	0.02
63) Phenanthrene-d10	11.16	188	313738	20.00	ng	0.03
75) Chrysene-d12	13.77	240	463181	20.00	ng	0.00
86) Perylene-d12	15.13	264	384183	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	1077177	104.31	ng	0.01
7) Phenol-d6	6.27	99	1395476	99.56	ng	0.00
23) Nitrobenzene-d5	7.18	82	804089	120.23	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	193143	144.72	ng	0.03
44) 2-Fluorobiphenyl	9.00	172	807491	94.17	ng	0.02
78) Terphenyl-d14	12.73	244	1143877	61.63	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.28	94	93588	6.03	ng	# 68
22) Acetophenone	7.01	105	696983	82.97	ng	# 58
31) Naphthalene	7.93	128	1186220	67.99	ng	# 94
37) 2-Methylnaphthalene	8.65	142	1599336	142.59	ng	99
45) 1,1'-Biphenyl	9.10	154	416873	38.67	ng	95
57) Fluorene	10.22	166	350732	39.81	ng	# 71
70) Phenanthrene	11.18	178	752744	45.13	ng	# 94
74) Fluoranthene	12.36	202	39294m	2.27	ng	
77) Pyrene	12.58	202	158069	5.21	ng	# 91

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

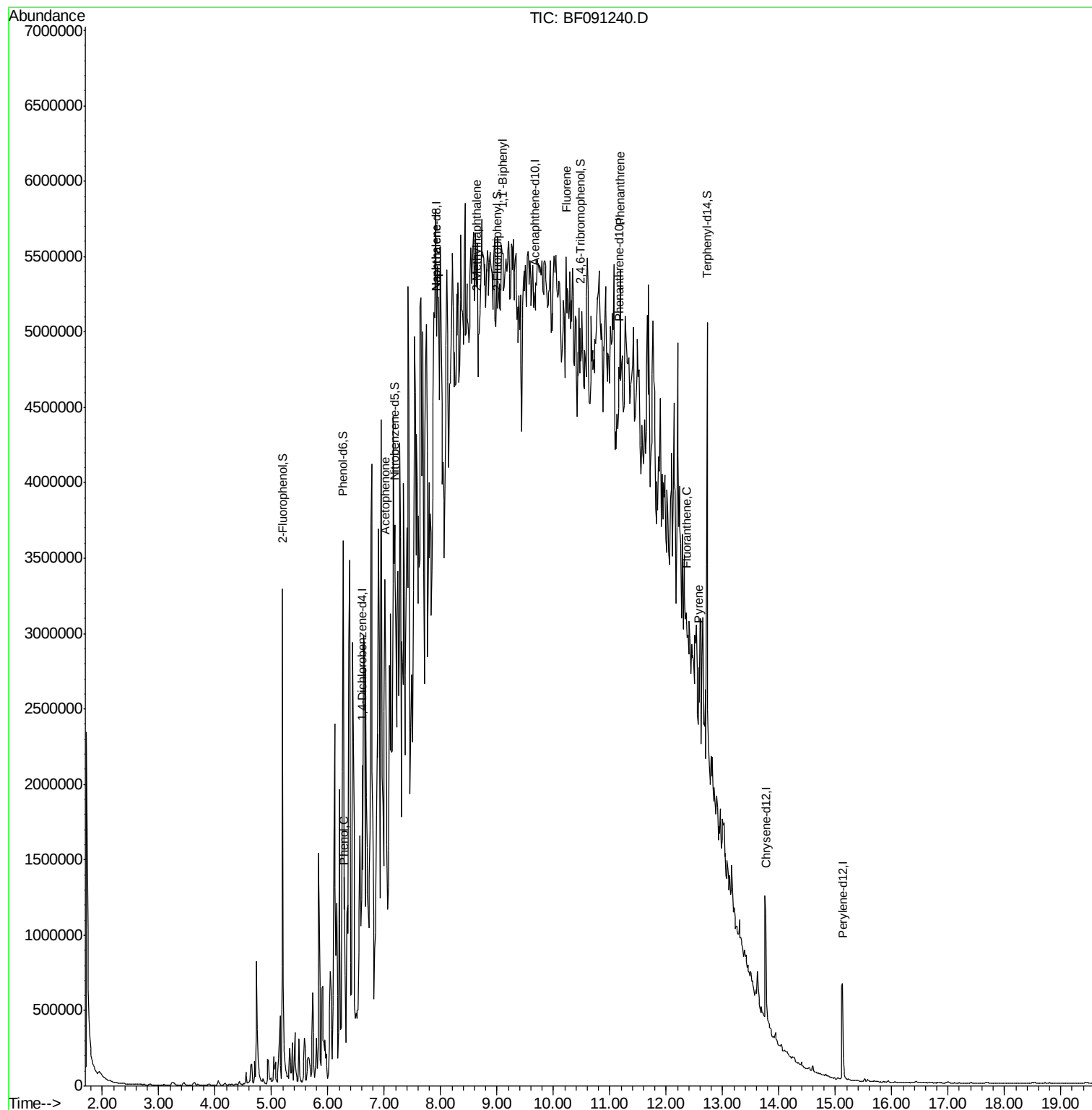
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091240.D
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Operator : UM/SJ
Sample : H5711-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

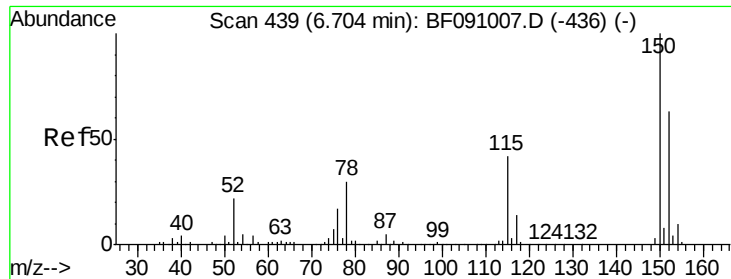
Instrument :
BNA_F
ClientSampleId :
1050-410-NEWYORK

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Quant Time: Nov 18 22:59:18 2016
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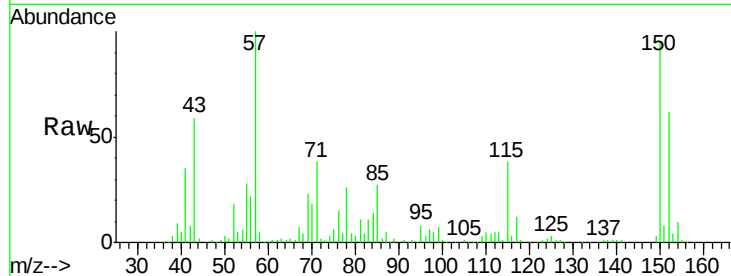




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.61 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

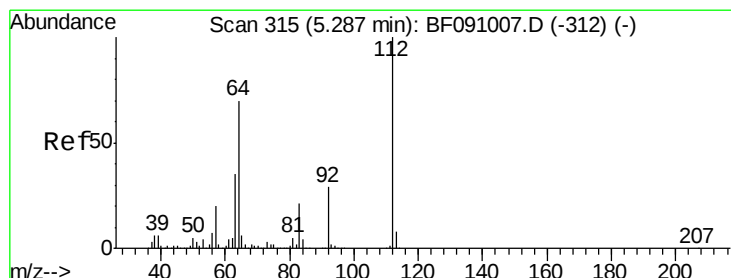
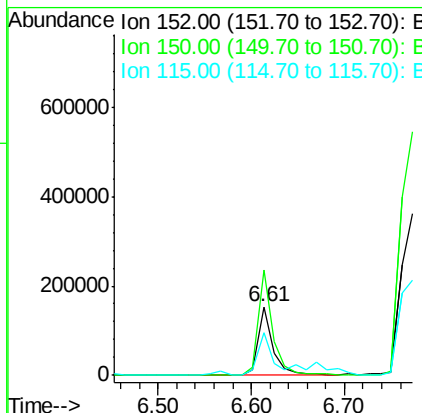
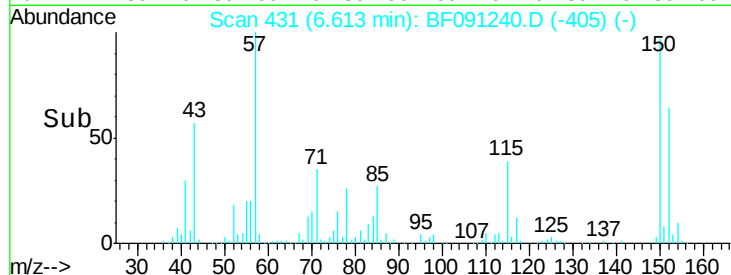
Instrument :
BNA_F
ClientSampleId :
1050-410-NEWYORK



Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.8	190.2
115	61.9	53.3	79.9

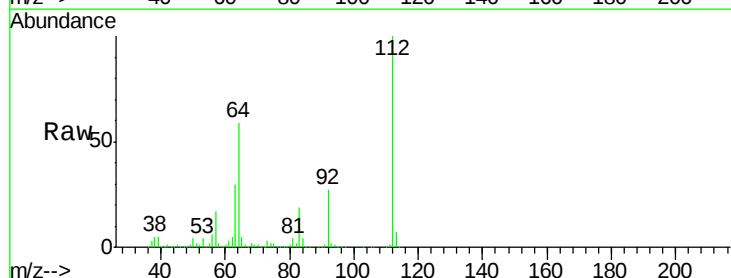
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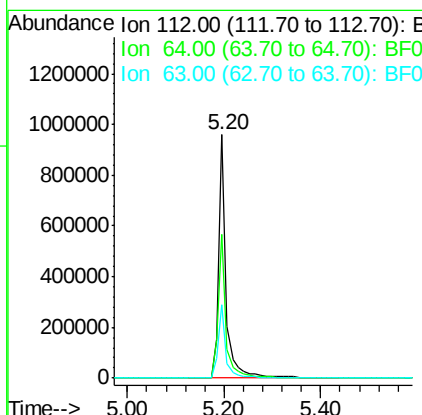
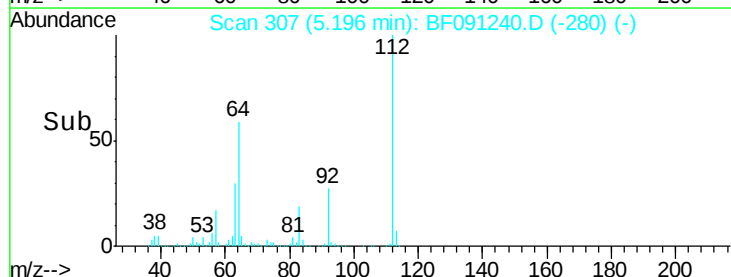


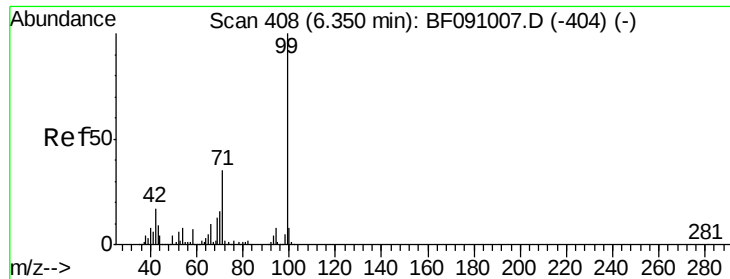
#5

2-Fluorophenol
Concen: 104.31 ng
RT: 5.20 min Scan# 307
Delta R.T. 0.01 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34



Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	55.8	83.6
63	30.1	28.0	42.0





#7

Phenol-d6

Concen: 99.56 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF091240.D

Acq: 18 Nov 2016 18:34

Instrument :

BNA_F

ClientSampleId :

1050-410-NEWYORK

Tgt Ion: 99 Resp: 1395476

Ion Ratio Lower Upper

99 100

42 15.7 13.9 20.9

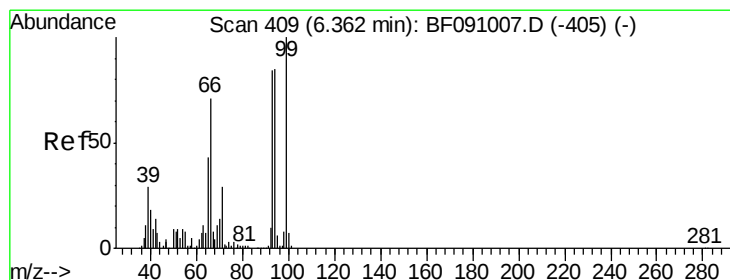
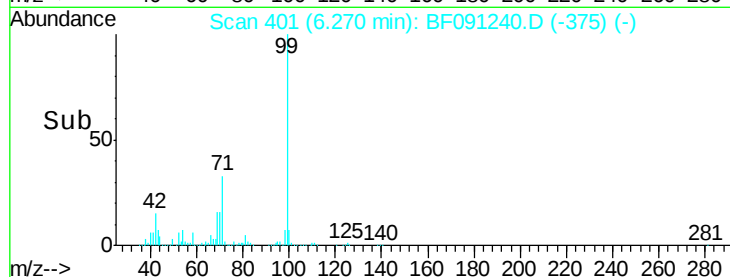
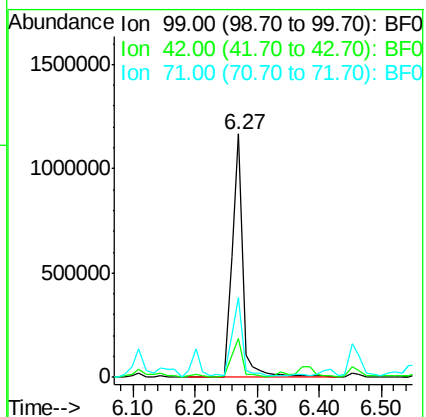
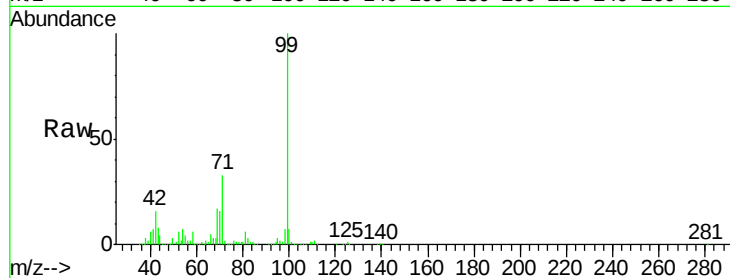
71 32.8 27.8 41.8

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#10

Phenol

Concen: 6.03 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF091240.D

Acq: 18 Nov 2016 18:34

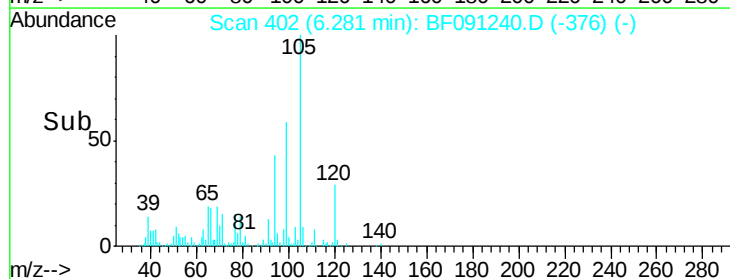
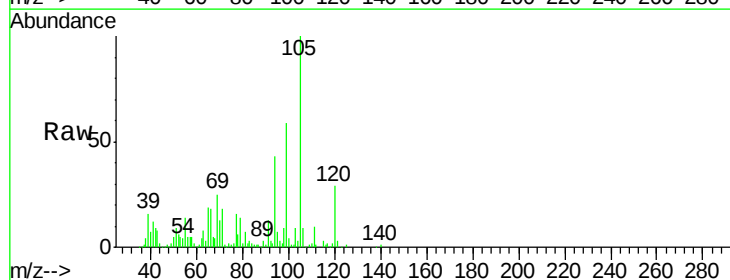
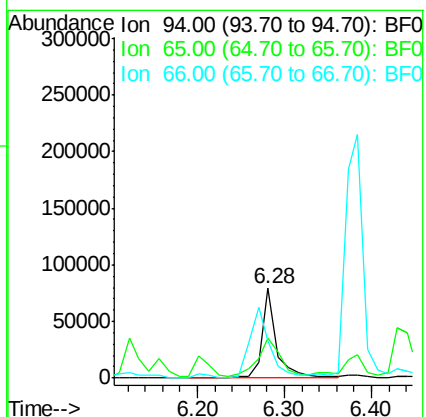
Tgt Ion: 94 Resp: 93588

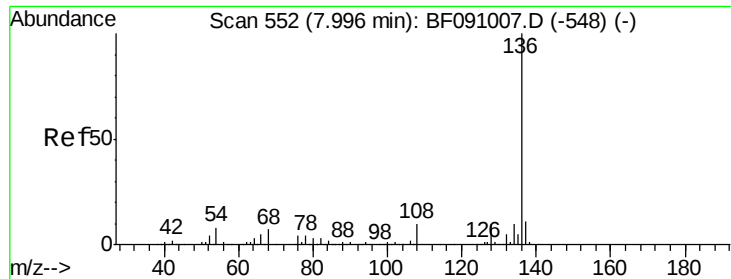
Ion Ratio Lower Upper

94 100

65 44.2 30.4 70.4

66 41.9 62.9 102.9#





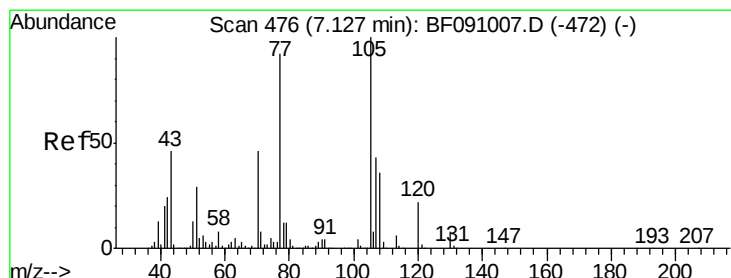
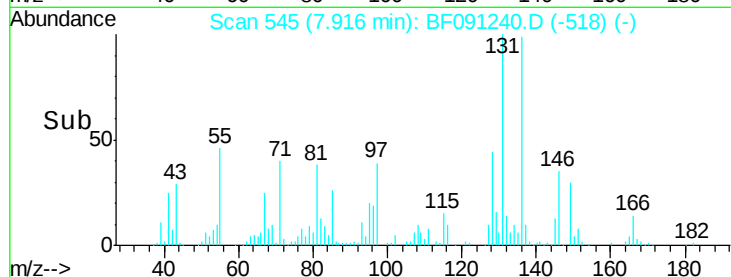
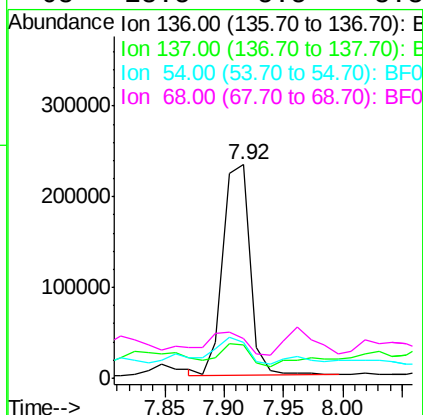
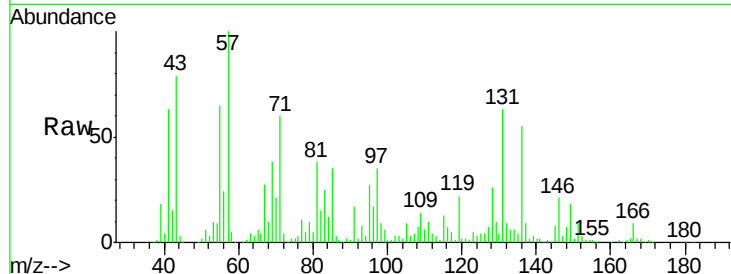
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 545
Delta R.T. 0.01 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Instrument :
BNA_F
ClientSampleId :
1050-410-NEWYORK

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	364837		
137	15.7	8.9	13.3#	
54	16.6	6.2	9.2#	
68	18.5	5.5	8.3#	

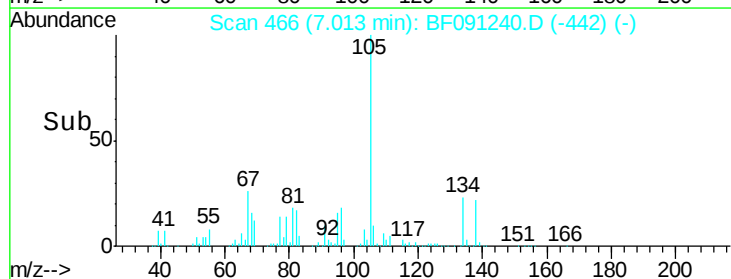
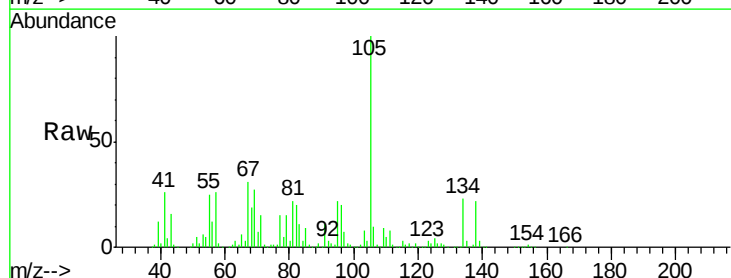
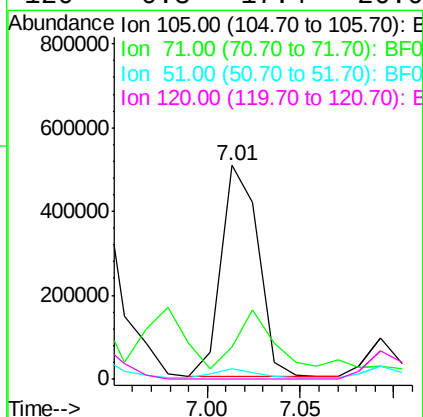
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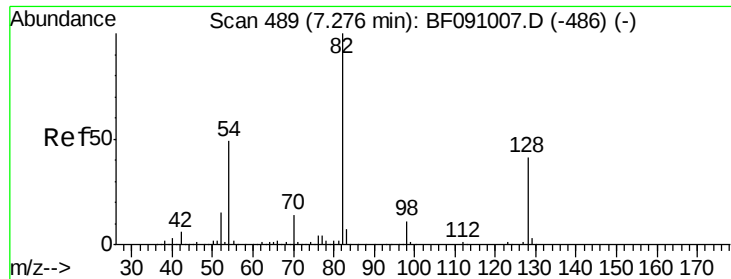
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#22
Acetophenone
Concen: 82.97 ng
RT: 7.01 min Scan# 466
Delta R.T. -0.02 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	696983		
71	15.2	6.2	9.2#	
51	4.6	23.3	34.9#	
120	0.3	17.4	26.0#	





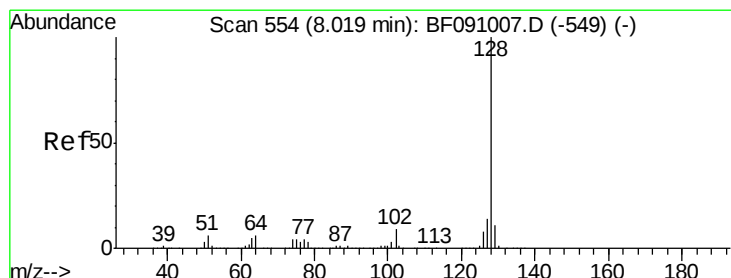
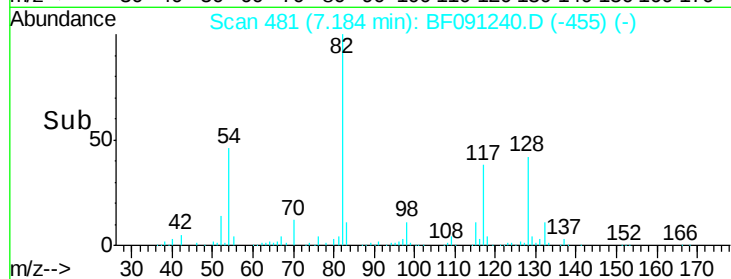
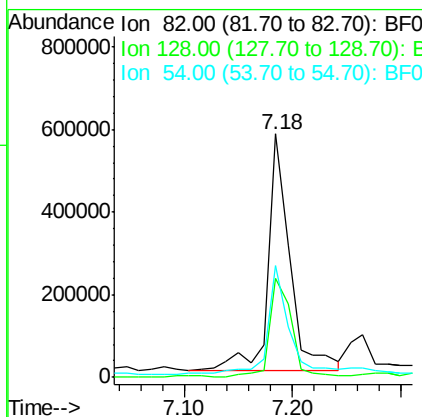
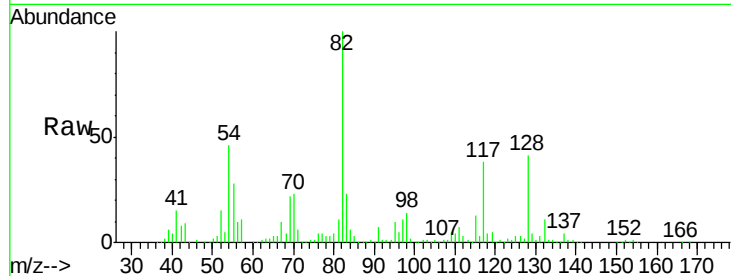
#23
Nitrobenzene-d5
Concen: 120.23 ng
RT: 7.18 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Instrument :
BNA_F
ClientSampleId :
1050-410-NEWYORK

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.4	48.6
54	45.8	39.2	58.8

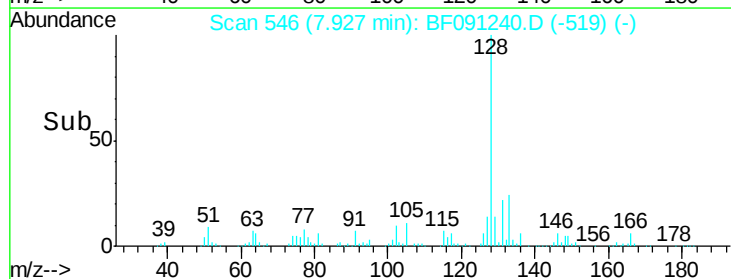
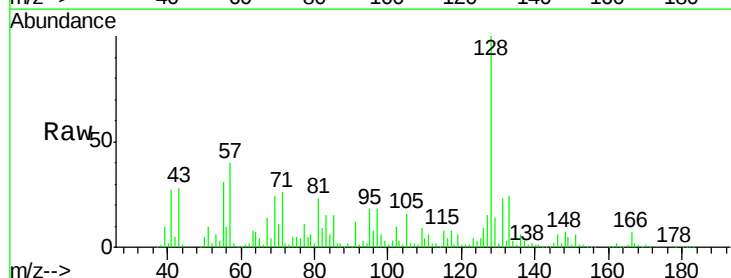
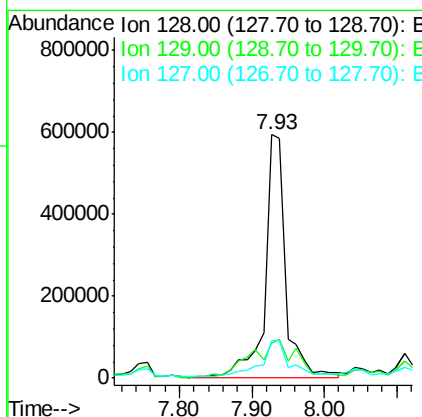
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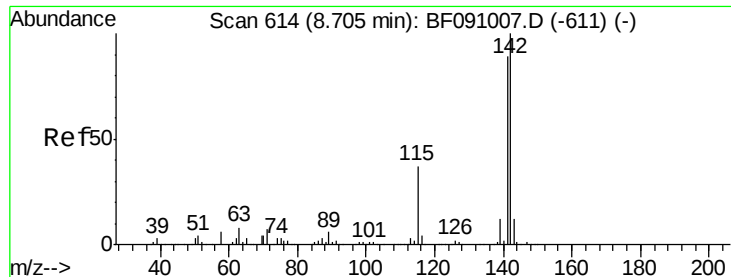
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#31
Naphthalene
Concen: 67.99 ng
RT: 7.93 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.2	9.0	13.6#
127	15.2	10.9	16.3





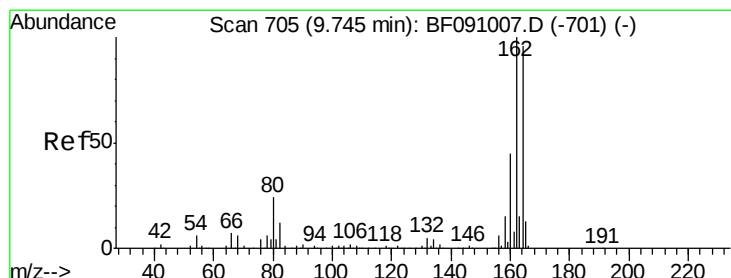
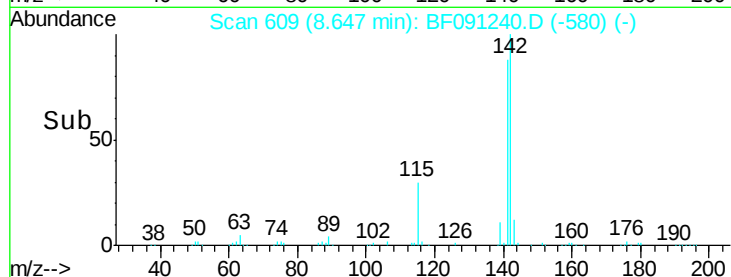
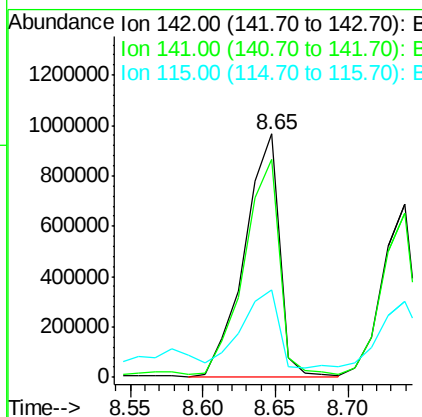
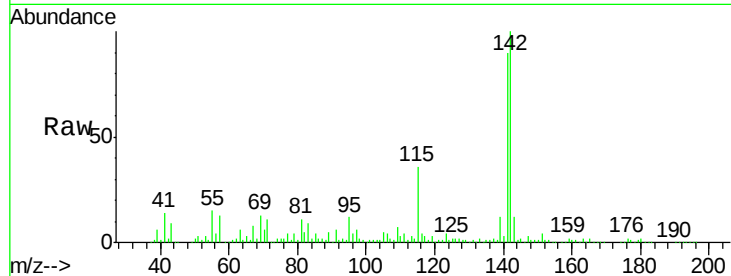
#37
 2-Methylnaphthalene
 Concen: 142.59 ng
 RT: 8.65 min Scan# 609
 Delta R.T. 0.03 min
 Lab File: BF091240.D
 Acq: 18 Nov 2016 18:34

Instrument :
 BNA_F
 ClientSampleId :
 1050-410-NEWYORK

Tgt Ion:142 Resp: 1599336
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.3 106.9
 115 35.7 29.9 44.9

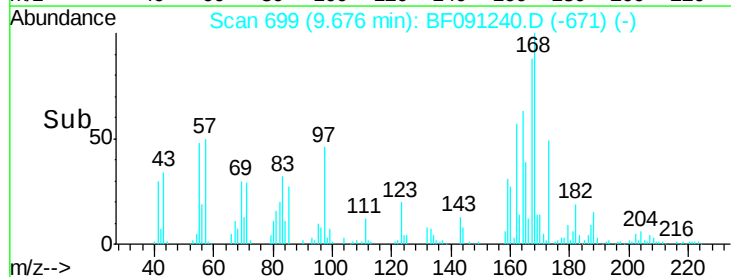
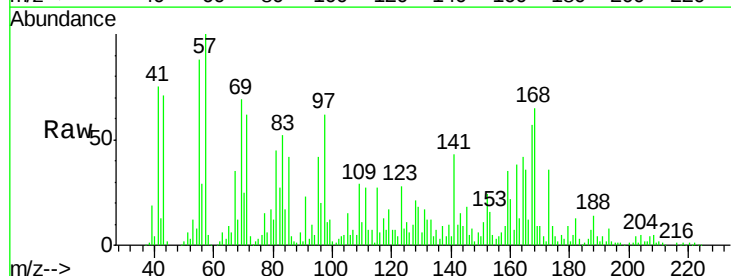
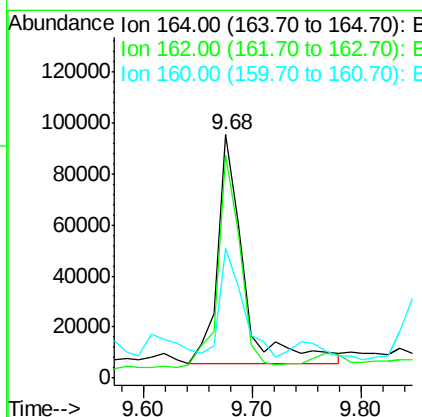
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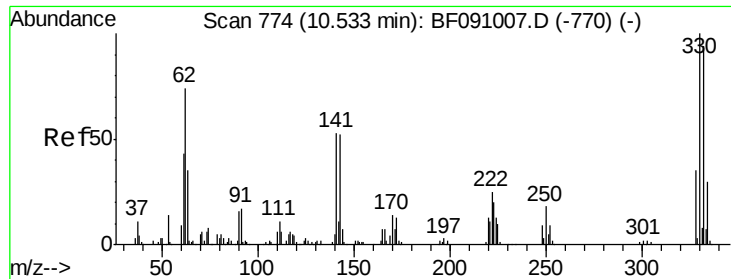
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 699
 Delta R.T. 0.02 min
 Lab File: BF091240.D
 Acq: 18 Nov 2016 18:34

Tgt Ion:164 Resp: 147626
 Ion Ratio Lower Upper
 164 100
 162 91.6 83.6 125.4
 160 53.0 37.9 56.9





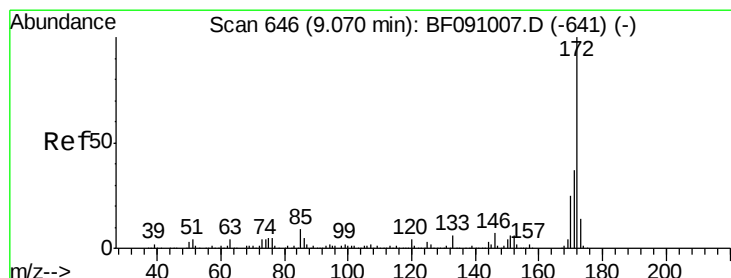
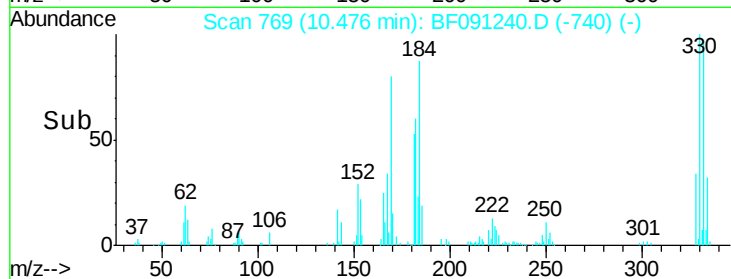
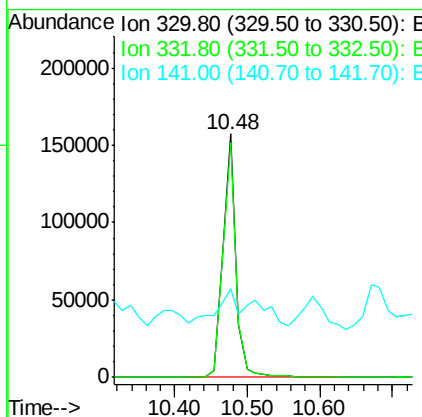
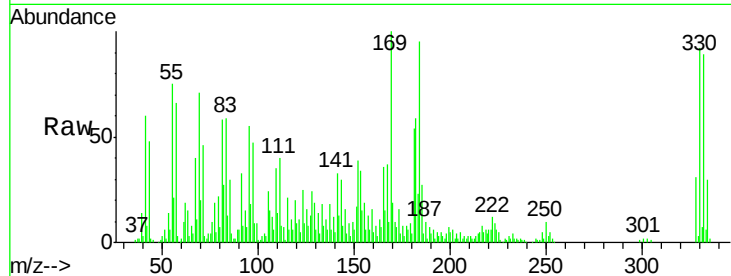
#41
 2,4,6-Tribromophenol
 Concen: 144.72 ng
 RT: 10.48 min Scan# 769
 Delta R.T. 0.03 min
 Lab File: BF091240.D
 Acq: 18 Nov 2016 18:34

Instrument :
 BNA_F
 ClientSampleId :
 1050-410-NEWYORK

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	193143		
332	97.7	75.9	113.9	
141	23.3	36.1	54.1#	

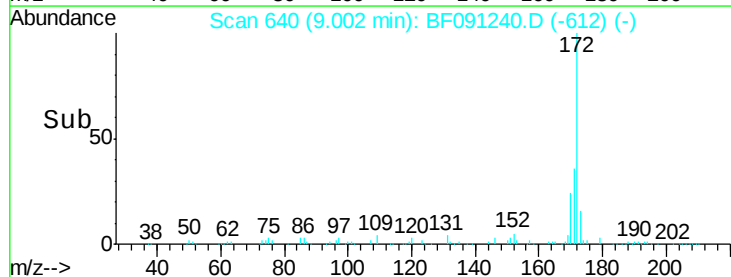
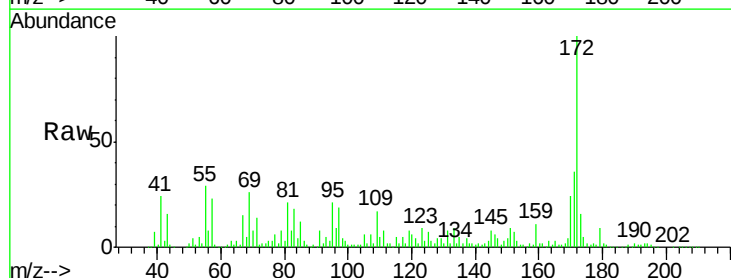
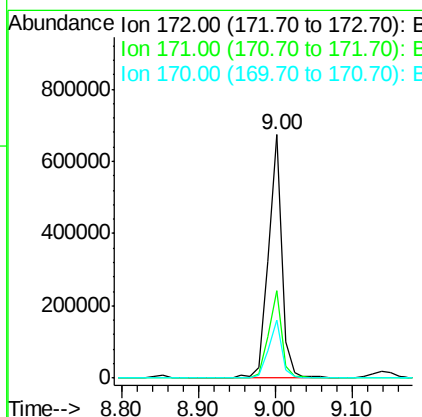
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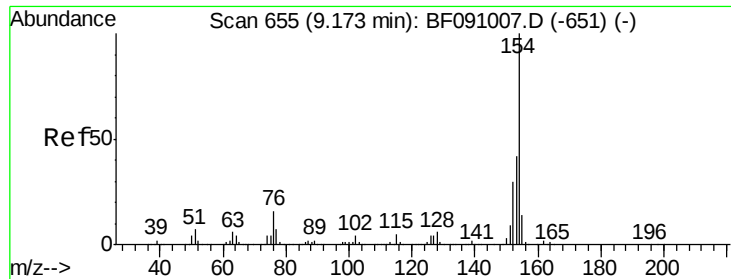
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#44
 2-Fluorobiphenyl
 Concen: 94.17 ng
 RT: 9.00 min Scan# 640
 Delta R.T. 0.02 min
 Lab File: BF091240.D
 Acq: 18 Nov 2016 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	807491		
171	35.9	29.8	44.6	
170	23.9	20.3	30.5	





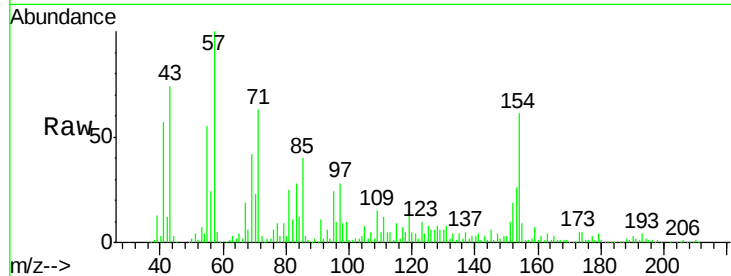
#45
 1,1'-Biphenyl
 Concen: 38.67 ng
 RT: 9.10 min Scan# 649
 Delta R.T. 0.02 min
 Lab File: BF091240.D
 Acq: 18 Nov 2016 18:34

Instrument :
 BNA_F
 ClientSampleId :
 1050-410-NEWYORK

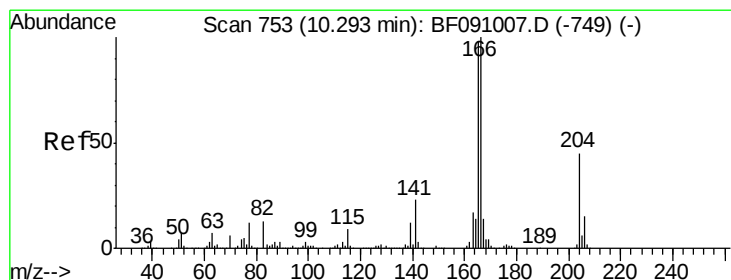
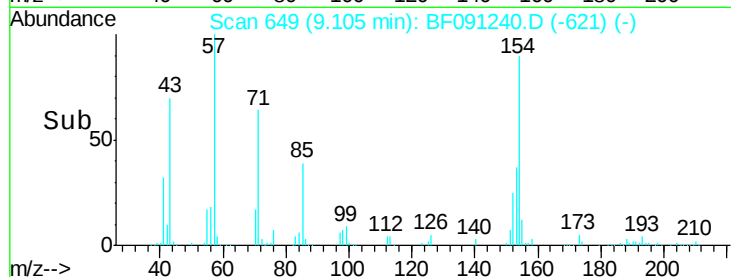
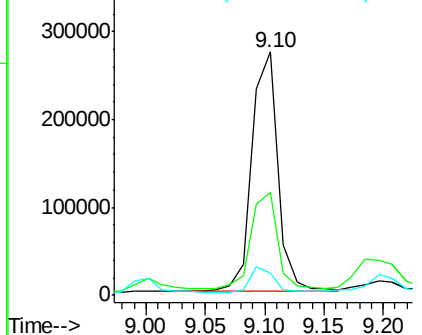
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	21.6	61.6
76	9.2	0.0	36.2

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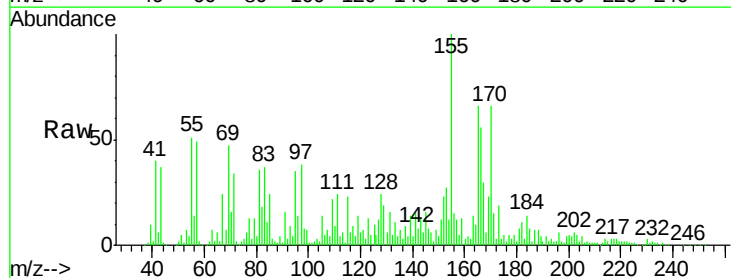


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

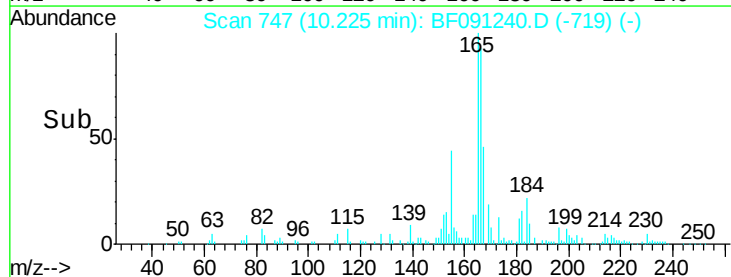
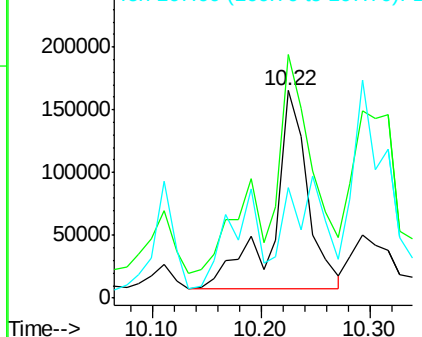


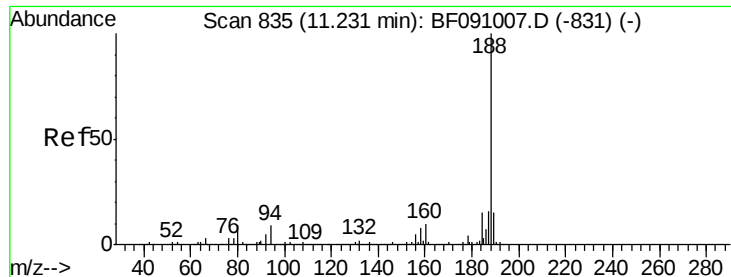
#57
 Fluorene
 Concen: 39.81 ng
 RT: 10.22 min Scan# 747
 Delta R.T. 0.02 min
 Lab File: BF091240.D
 Acq: 18 Nov 2016 18:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	117.5	78.6	118.0
167	53.4	11.1	16.7#



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 829

Delta R.T. 0.03 min

Lab File: BF091240.D

Acq: 18 Nov 2016 18:34

Instrument :

BNA_F

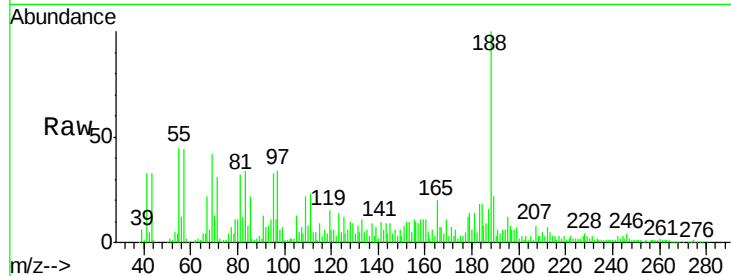
ClientSampleId :

1050-410-NEWYORK

Tgt Ion:	188	Resp:	313738
Ion Ratio	Lower	Upper	
188	100		
94	11.0	7.0	10.4#
80	11.2	7.5	11.3

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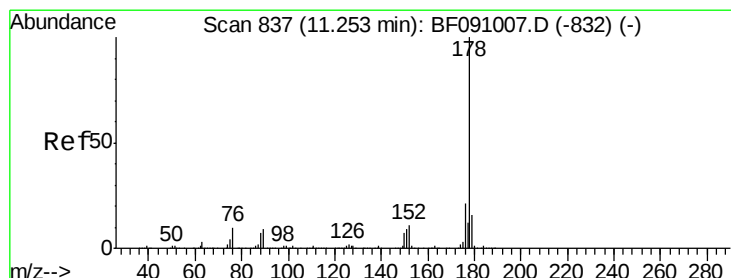
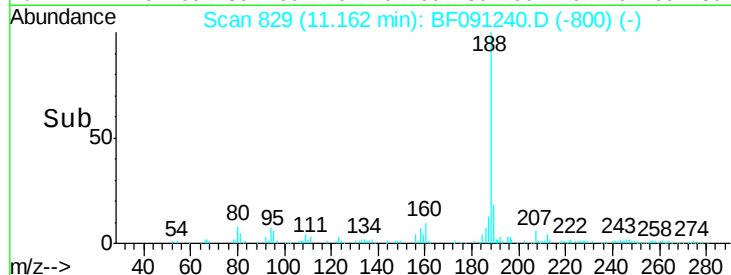
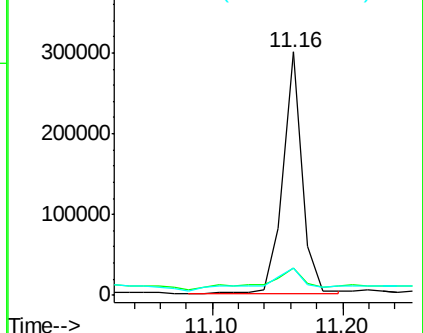
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 45.13 ng

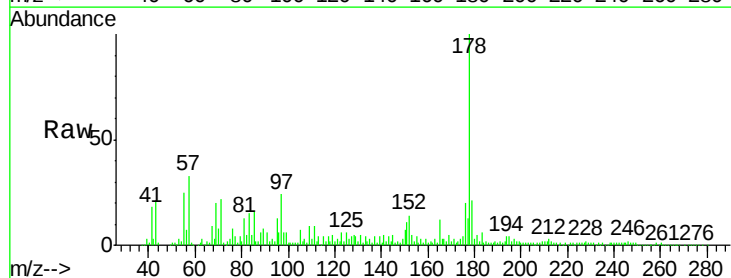
RT: 11.18 min Scan# 831

Delta R.T. 0.03 min

Lab File: BF091240.D

Acq: 18 Nov 2016 18:34

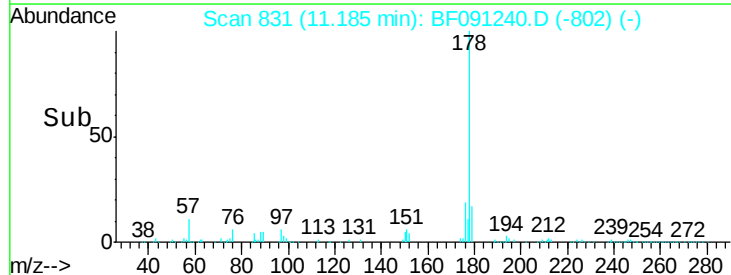
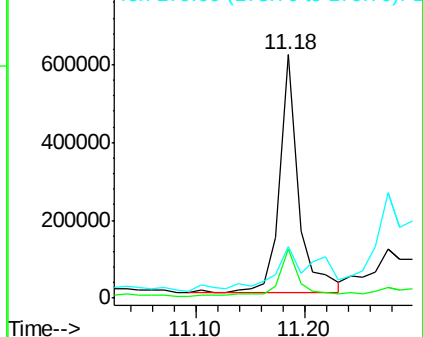
Tgt Ion:	178	Resp:	752744
Ion Ratio	Lower	Upper	
178	100		
176	20.3	16.6	25.0
179	21.5	12.9	19.3#

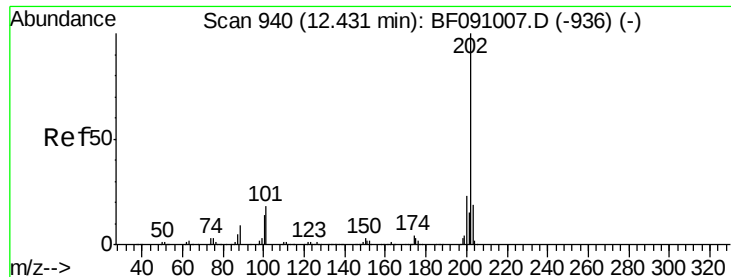


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 2.27 ng m

RT: 12.36 min Scan# 934

Delta R.T. 0.02 min

Lab File: BF091240.D

Acq: 18 Nov 2016 18:34

Instrument :

BNA_F

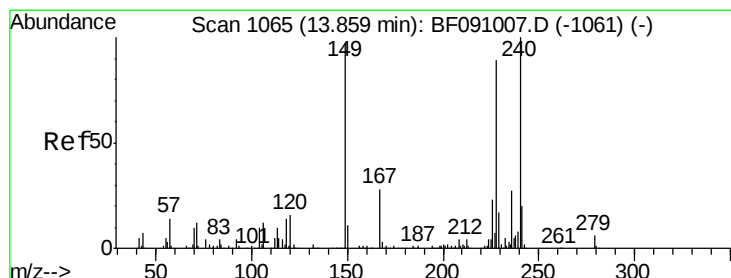
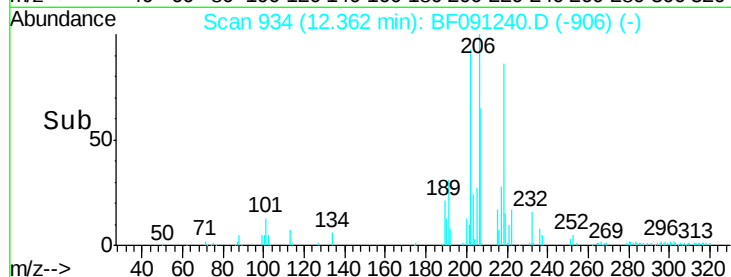
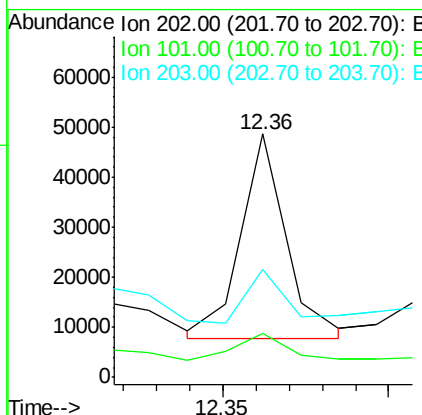
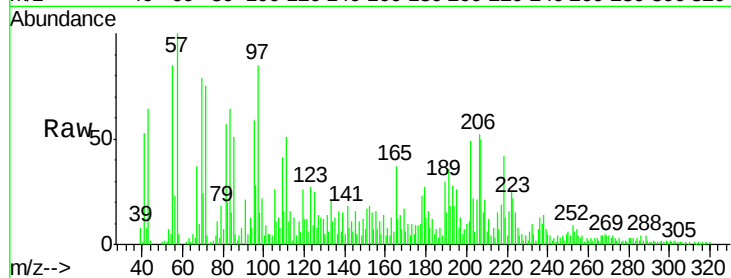
ClientSampleId :

1050-410-NEWYORK

Tgt Ion:	202	Resp:	39294
Ion Ratio	Lower	Upper	
202	100		
101	18.1	0.0	37.6
203	44.1	0.0	38.6#

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#75

Chrysene-d12

Concen: 20.00 ng

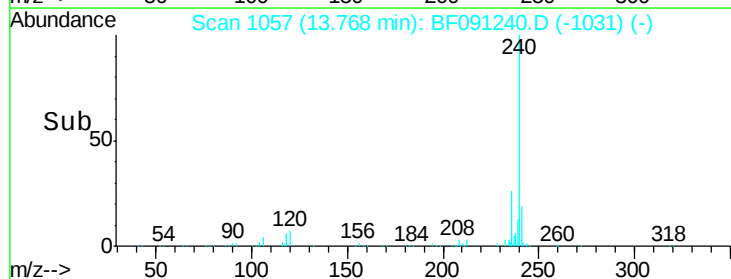
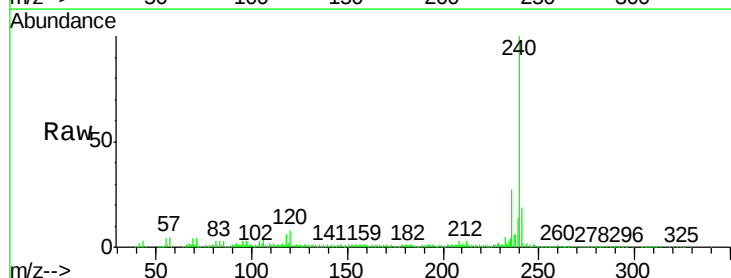
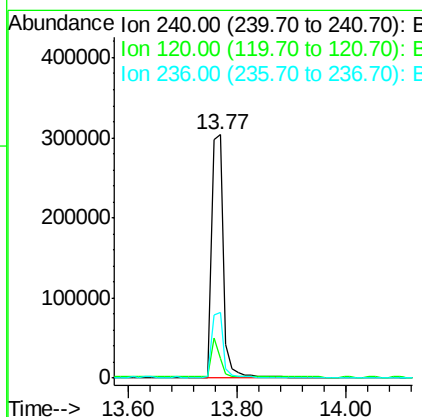
RT: 13.77 min Scan# 1057

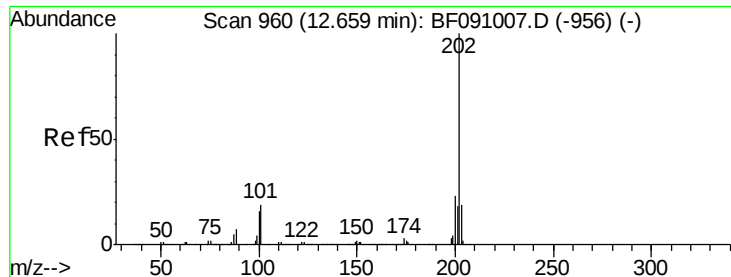
Delta R.T. -0.00 min

Lab File: BF091240.D

Acq: 18 Nov 2016 18:34

Tgt Ion:	240	Resp:	463181
Ion Ratio	Lower	Upper	
240	100		
120	7.8	12.9	19.3#
236	26.9	21.9	32.9





#77

Pyrene

Concen: 5.21 ng

RT: 12.58 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF091240.D

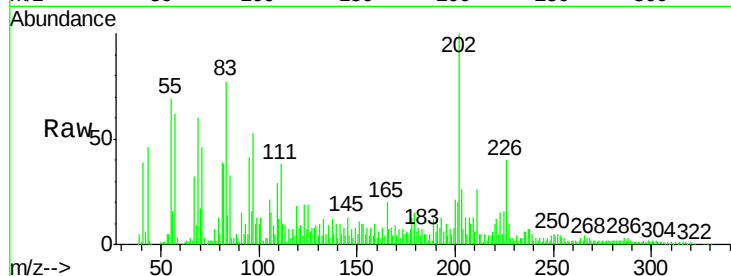
Acq: 18 Nov 2016 18:34

Instrument :

BNA_F

ClientSampleId :

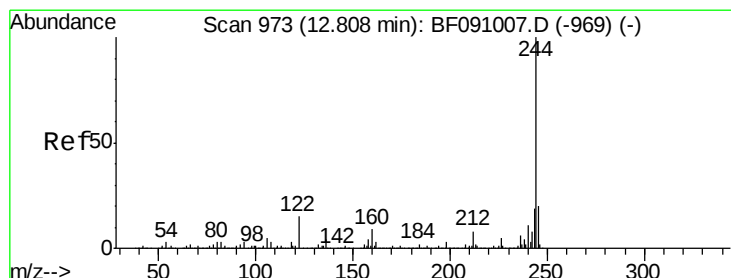
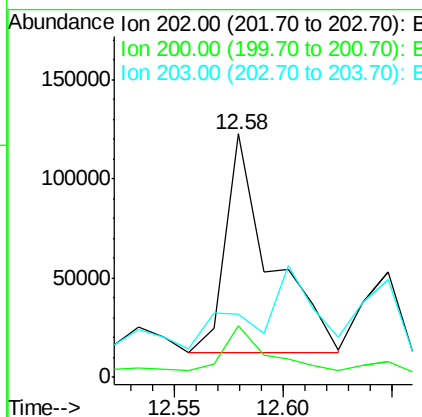
1050-410-NEWYORK



Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	18.4	27.6
203	26.1	15.0	22.6

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#78

Terphenyl-d14

Concen: 61.63 ng

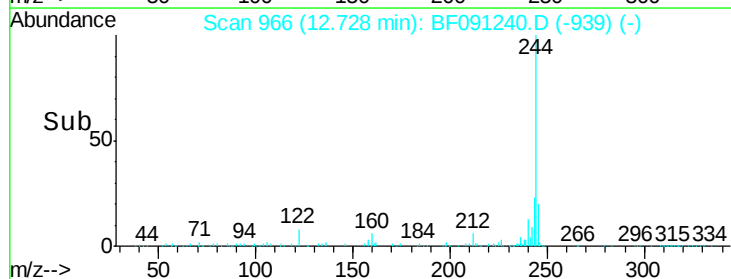
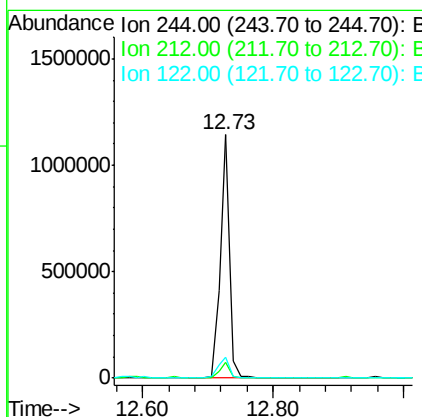
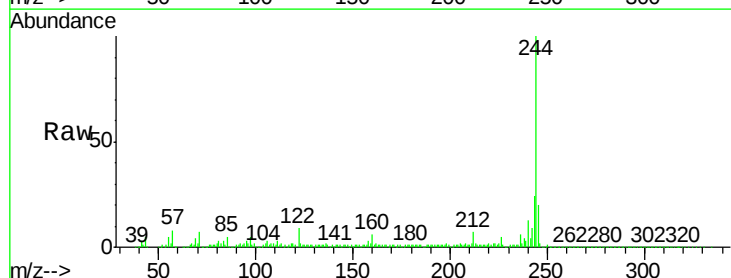
RT: 12.73 min Scan# 966

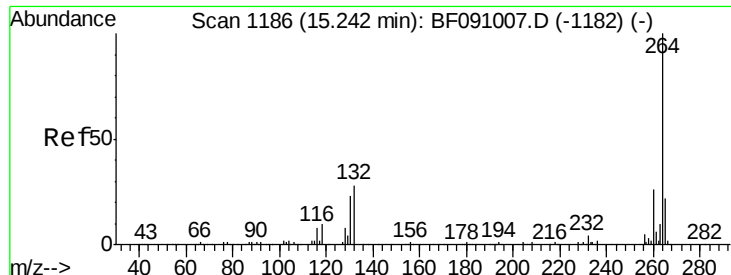
Delta R.T. 0.01 min

Lab File: BF091240.D

Acq: 18 Nov 2016 18:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.4	9.6
122	8.7	12.3	18.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF091240.D
Acq: 18 Nov 2016 18:34

Instrument :
BNA_F
ClientSampleId :
1050-410-NEWYORK

Tgt Ion:	264	Resp:	384183
Ion Ratio		Lower	Upper
264	100		
260	24.6	20.6	30.8
265	21.3	17.8	26.8

Manual Integrations
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