

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
 Data File : BF091033.D
 Acq On : 4 Nov 2016 21:07
 Operator : UM/SJ
 Sample : H5526-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-100-1.0-1.5

Manual Integrations
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Quant Time: Nov 04 23:56:25 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	180301	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	708041	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	354973	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	489922	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	364476	20.00	ng	-0.01
86) Perylene-d12	15.24	264	332598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1277336	117.00	ng	0.01
7) Phenol-d6	6.36	99	1868480	126.10	ng	0.01
23) Nitrobenzene-d5	7.28	82	1202631	92.66	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	369227	115.05	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1539020	74.64	ng	0.00
78) Terphenyl-d14	12.81	244	1180446	80.82	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	535294	23.00	ng	98
70) Phenanthrene	11.24	178	96796	3.72	ng	97
74) Fluoranthene	12.43	202	259915	9.62	ng	92
77) Pyrene	12.66	202	227315	9.52	ng	97
80) Benzo(a)anthracene	13.85	228	175789m	8.49	ng	
82) Chrysene	13.88	228	147741m	7.24	ng	
85) Indeno(1,2,3-cd)pyrene	16.56	276	96754	5.71	ng	98
87) Benzo(b)fluoranthene	14.85	252	216962m	9.62	ng	
88) Benzo(k)fluoranthene	14.87	252	92571m	4.68	ng	
89) Benzo(a)pyrene	15.19	252	148198	7.55	ng	# 95
91) Benzo(g,h,i)perylene	16.95	276	87904	5.73	ng	97

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

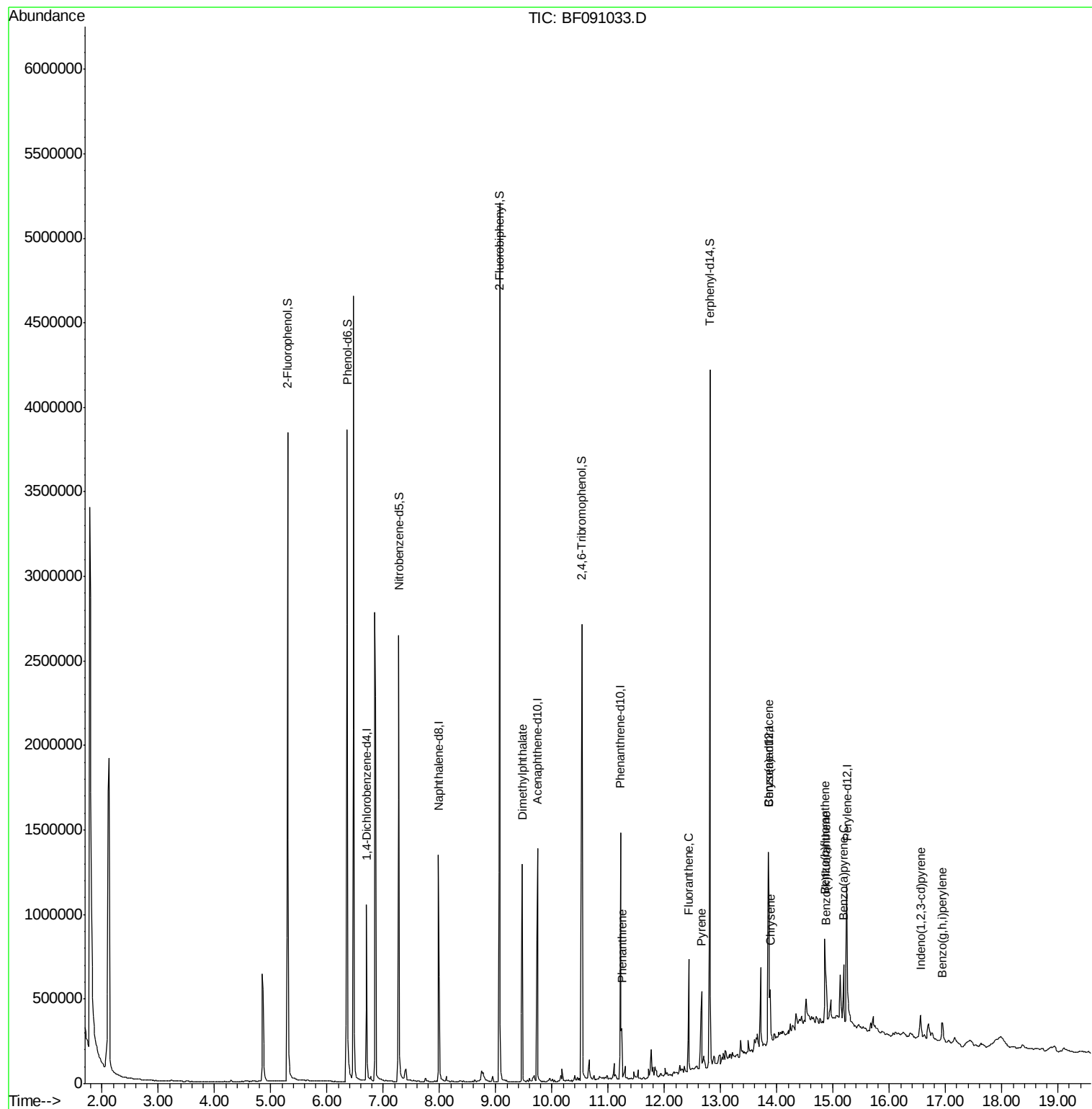
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091033.D
Acq On : 4 Nov 2016 21:07
Operator : UM/SJ
Sample : H5526-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

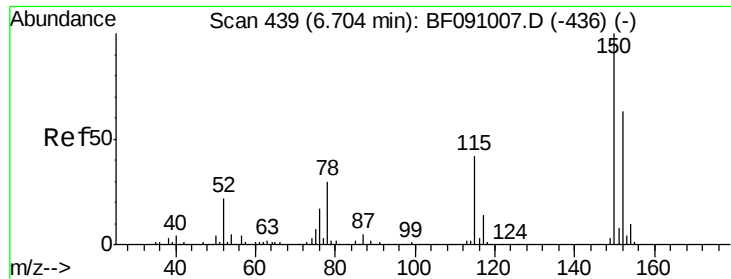
Instrument :
BNA_F
ClientSampleId :
SB-100-1.0-1.5

Manual Integrations
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Quant Time: Nov 04 23:56:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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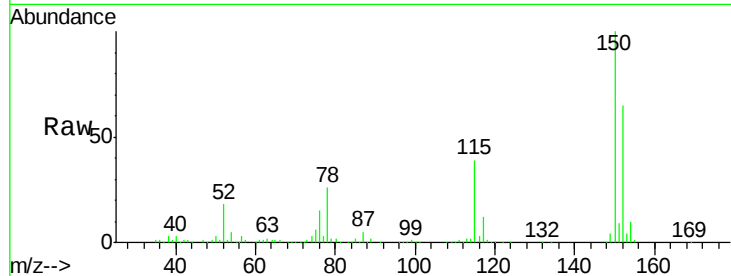




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

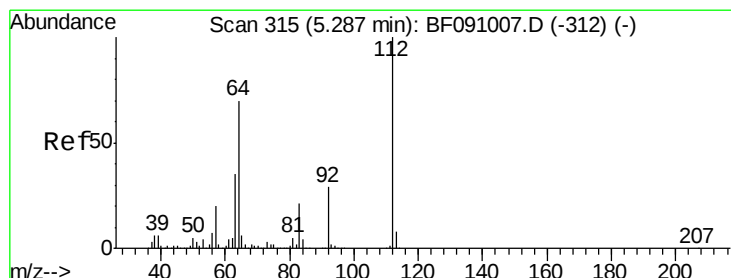
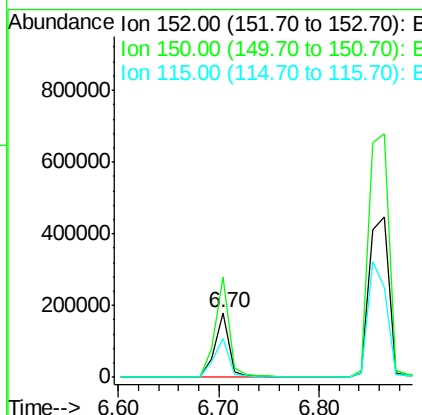
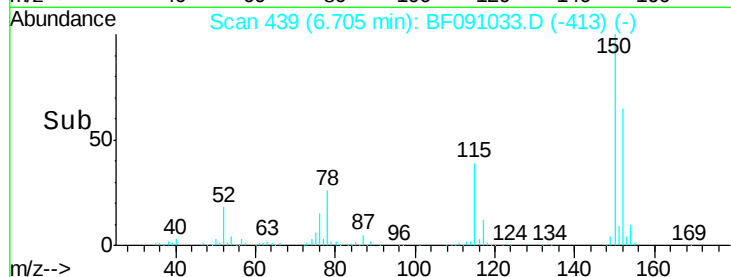
Instrument :
BNA_F
ClientSampleId :
SB-100-1.0-1.5



Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.8	190.2
115	60.9	53.3	79.9

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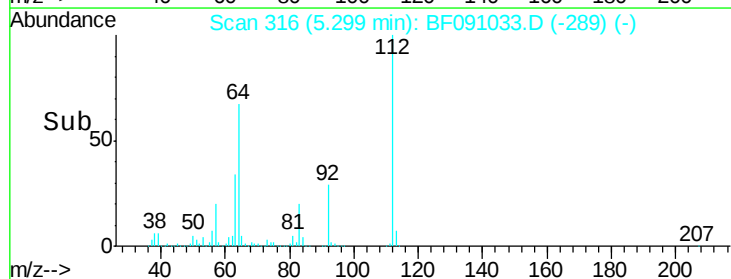
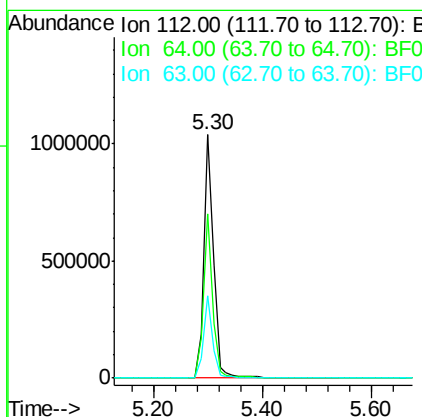
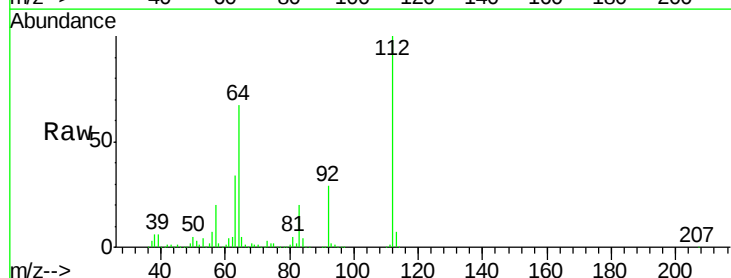
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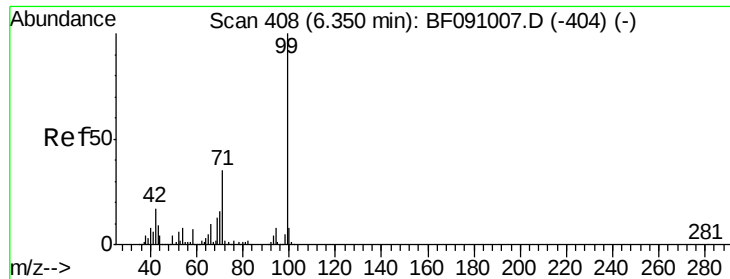


#5

2-Fluorophenol
Concen: 117.00 ng
RT: 5.30 min Scan# 316
Delta R.T. 0.01 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	55.8	83.6
63	34.1	28.0	42.0





#7

Phenol-d6

Concen: 126.10 ng

RT: 6.36 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF091033.D

Acq: 4 Nov 2016 21:07

Instrument :

BNA_F

ClientSampleId :

SB-100-1.0-1.5

Tgt Ion: 99 Resp: 1868480

Ion Ratio Lower Upper

99 100

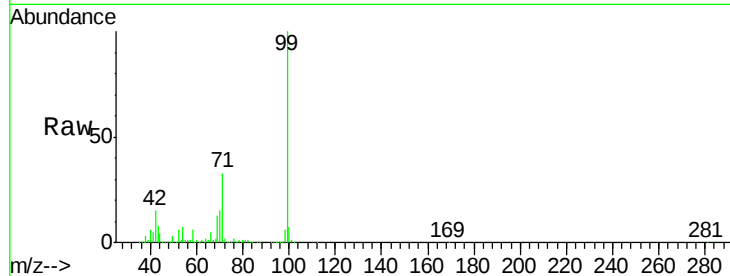
42 15.2 13.9 20.9

71 32.6 27.8 41.8

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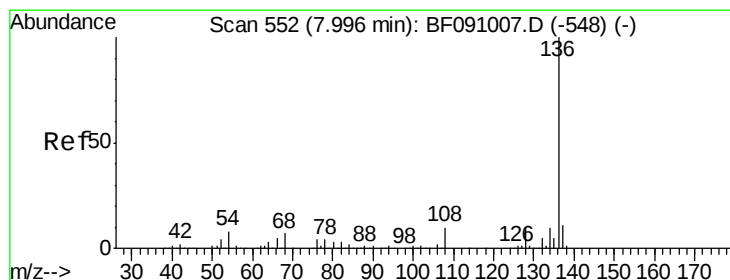
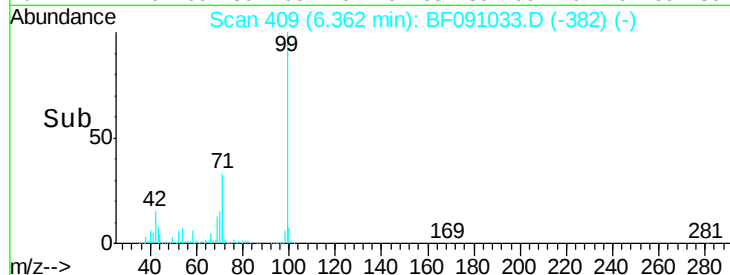
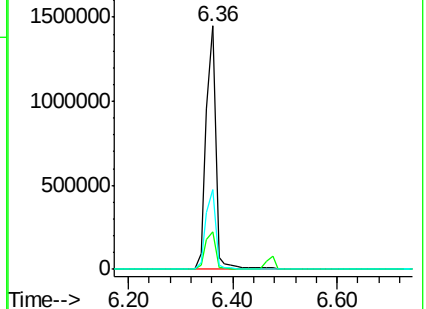
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF091033.D

Acq: 4 Nov 2016 21:07

Tgt Ion: 136 Resp: 708041

Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 11.2 6.2 9.2#

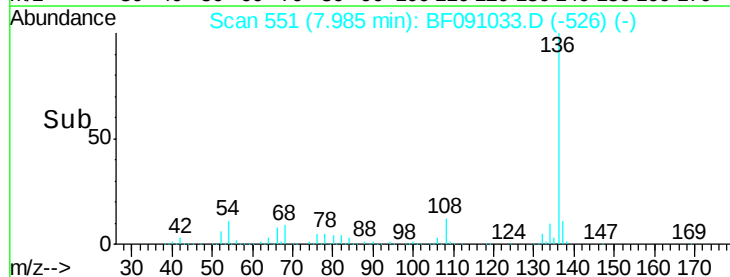
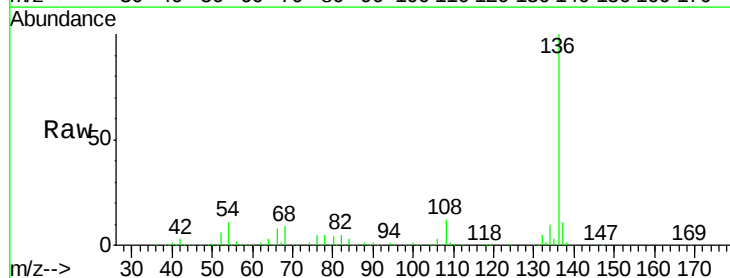
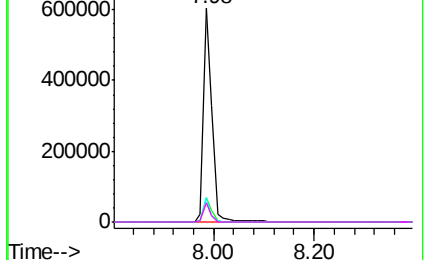
68 9.3 5.5 8.3#

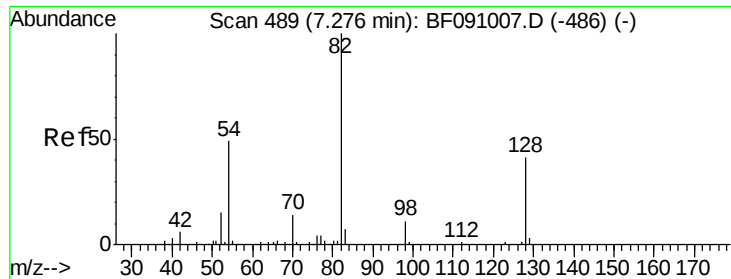
Abundance Ion 136.00 (135.70 to 136.70): E

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





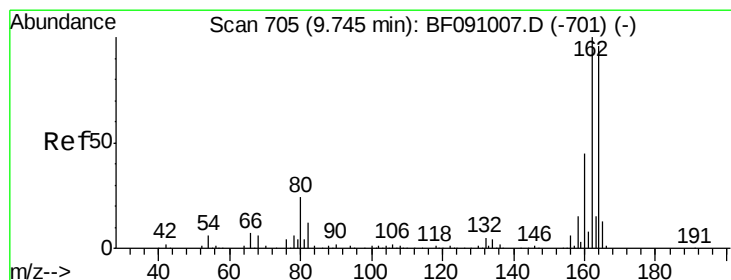
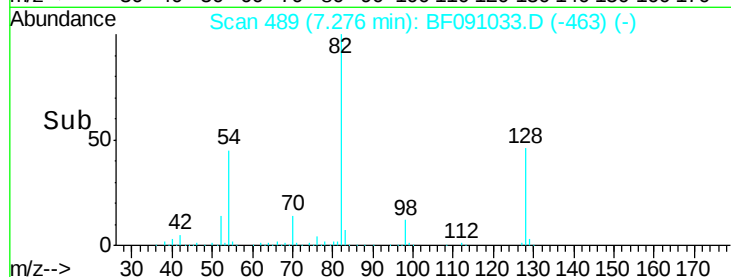
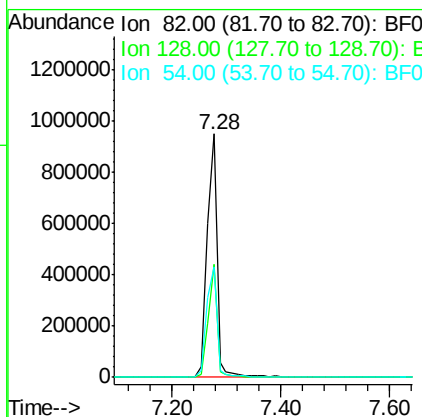
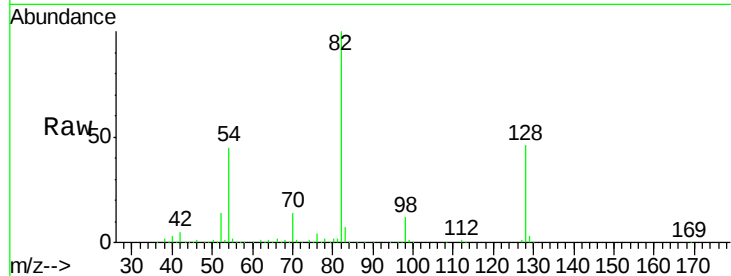
#23
 Nitrobenzene-d5
 Concen: 92.66 ng
 RT: 7.28 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF091033.D
 Acq: 4 Nov 2016 21:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-100-1.0-1.5

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.2	32.4	48.6
54	45.2	39.2	58.8

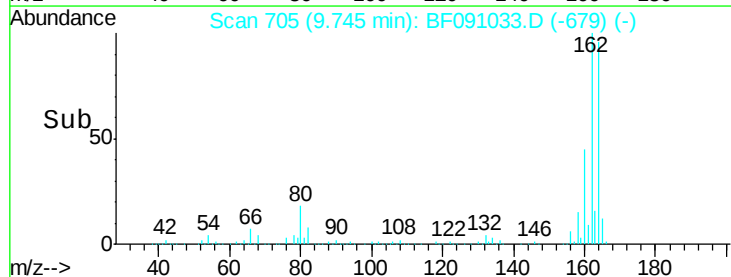
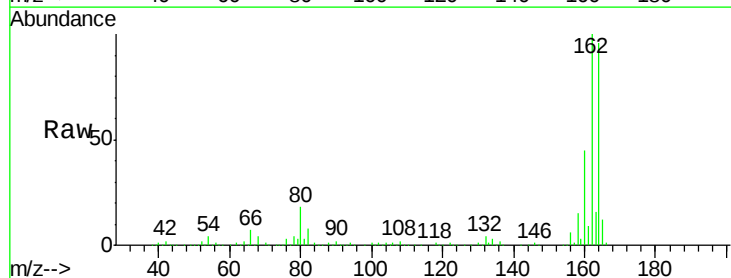
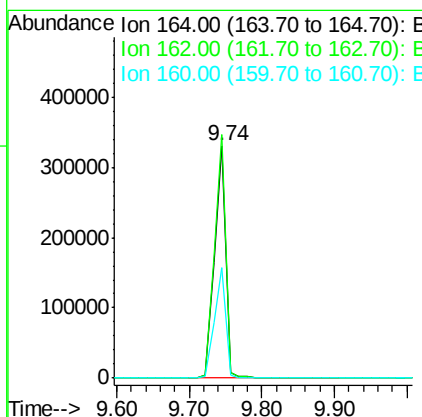
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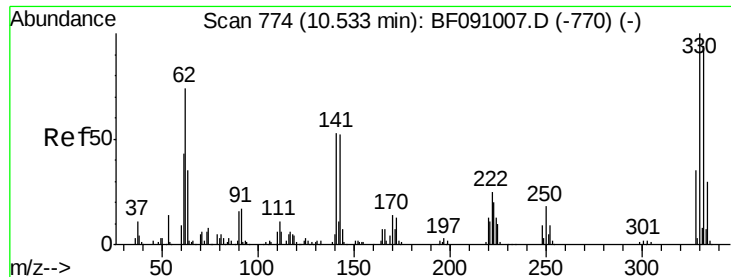
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF091033.D
 Acq: 4 Nov 2016 21:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.6	125.4
160	47.4	37.9	56.9





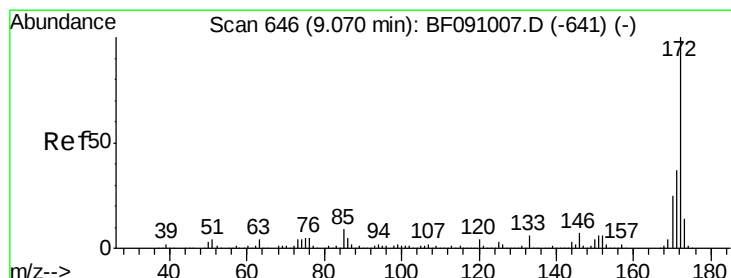
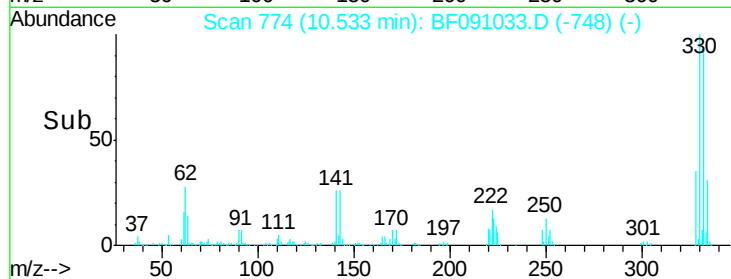
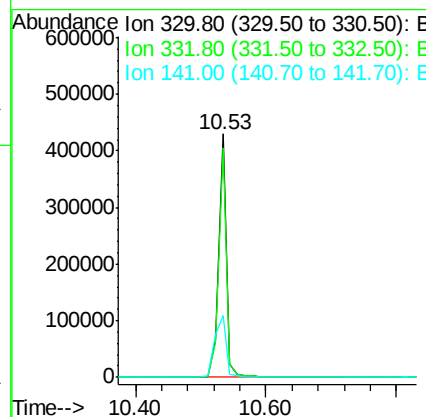
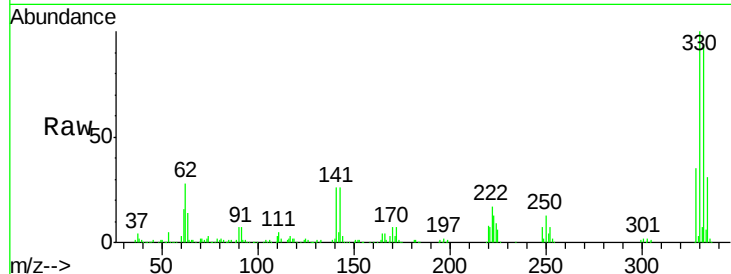
#41
 2,4,6-Tribromophenol
 Concen: 115.05 ng
 RT: 10.53 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF091033.D
 Acq: 4 Nov 2016 21:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-100-1.0-1.5

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	369227		
332	94.6	75.9	113.9	
141	37.4	36.1	54.1	

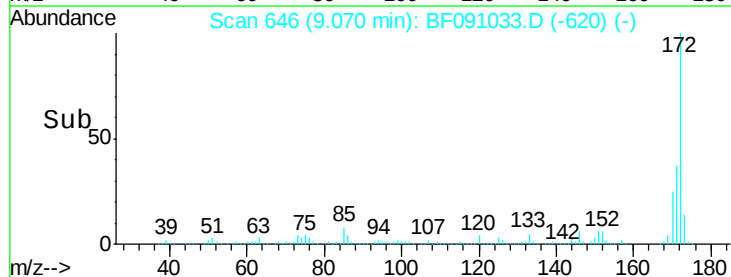
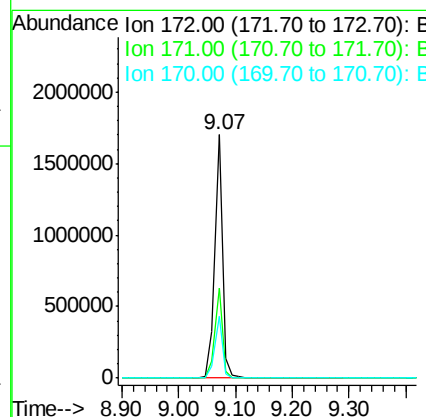
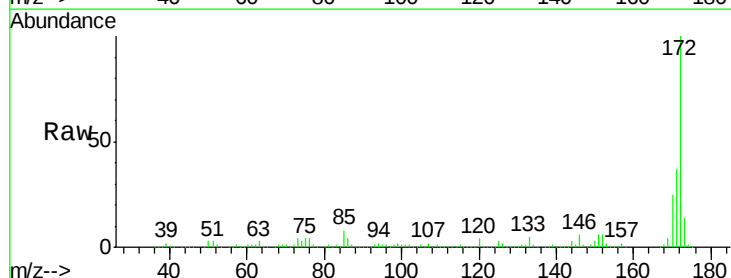
Manual Integrations
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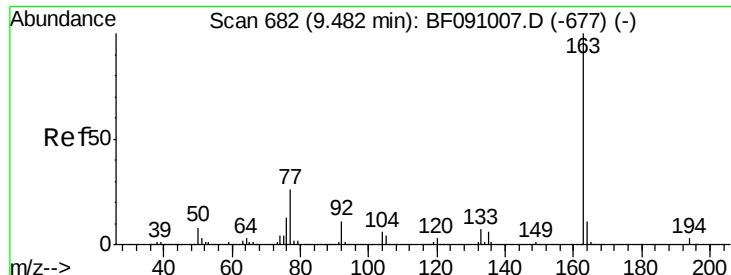
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#44
 2-Fluorobiphenyl
 Concen: 74.64 ng
 RT: 9.07 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF091033.D
 Acq: 4 Nov 2016 21:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1539020		
171	37.0	29.8	44.6	
170	25.3	20.3	30.5	





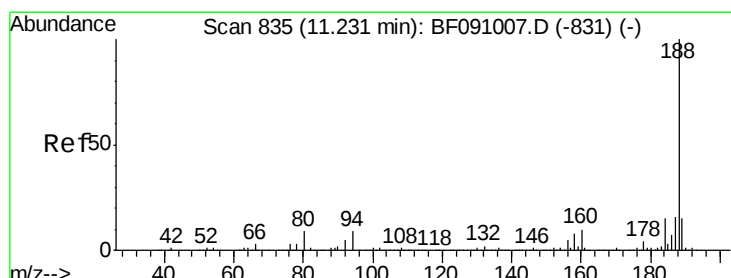
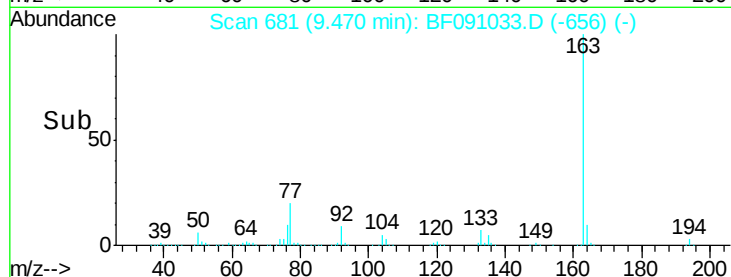
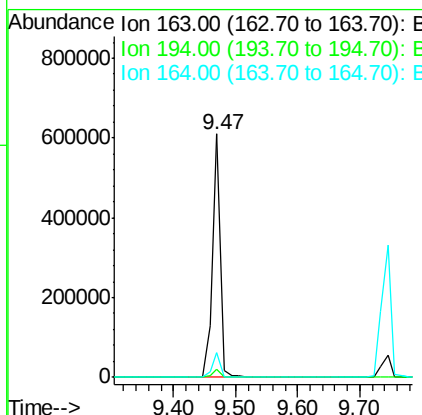
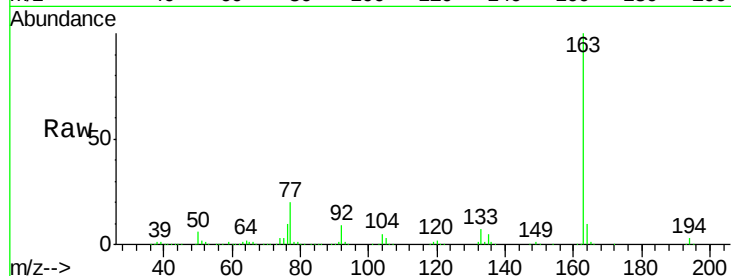
#49
Dimethylphthalate
Concen: 23.00 ng
RT: 9.47 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Instrument :
BNA_F
ClientSampleId :
SB-100-1.0-1.5

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	535294		
194	3.4	2.6	4.0	
164	10.2	8.7	13.1	

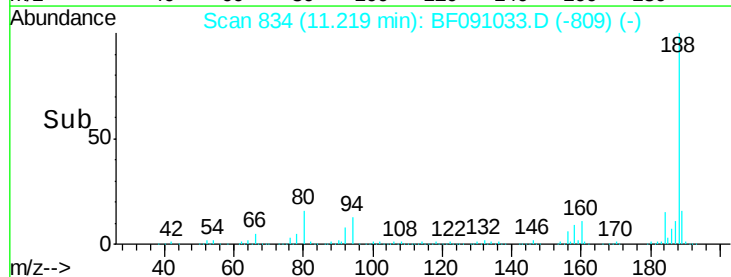
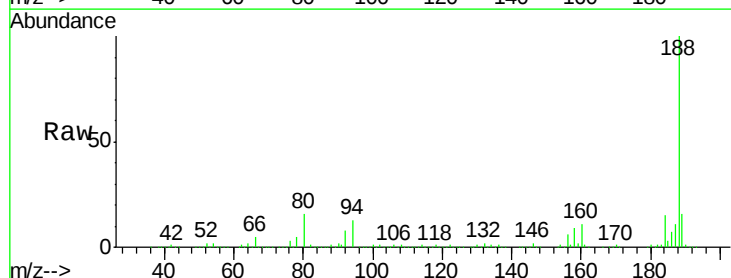
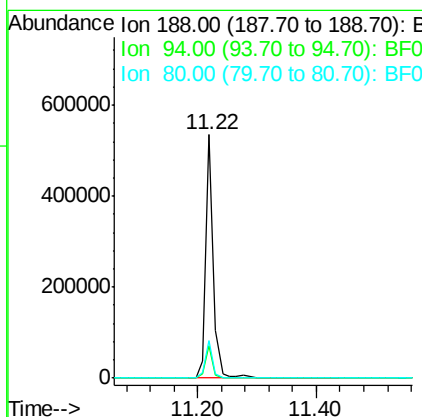
Manual Integrations
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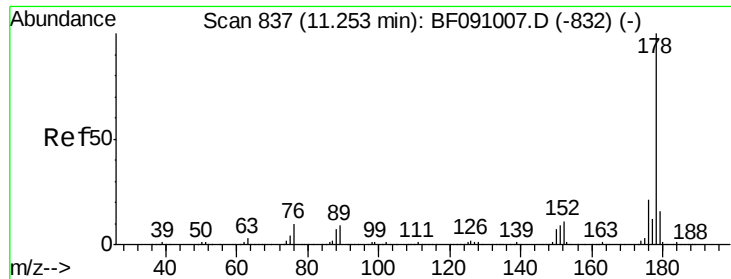
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	489922		
94	13.4	7.0	10.4#	
80	15.6	7.5	11.3#	





#70

Phenanthrene

Concen: 3.72 ng

RT: 11.24 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF091033.D

Acq: 4 Nov 2016 21:07

Instrument :

BNA_F

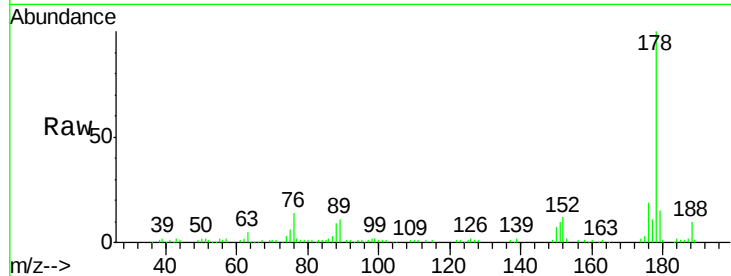
ClientSampleId :

SB-100-1.0-1.5

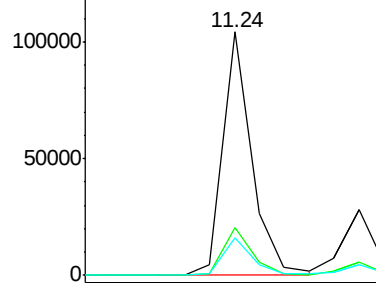
Tgt Ion:	178	Resp:	96796
Ion Ratio	Lower	Upper	
178	100		
176	19.4	16.6	25.0
179	15.2	12.9	19.3

Manual Integrations
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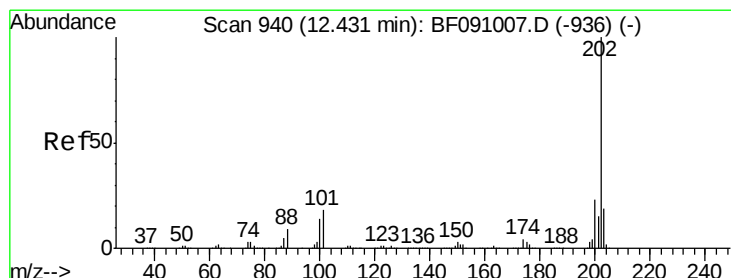
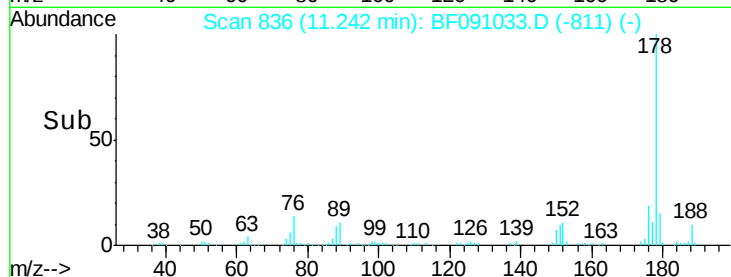
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->



#74

Fluoranthene

Concen: 9.62 ng

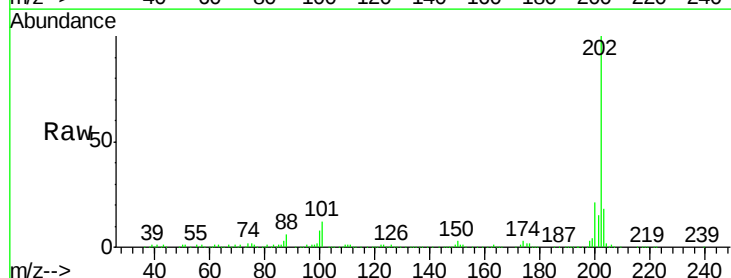
RT: 12.43 min Scan# 940

Delta R.T. 0.00 min

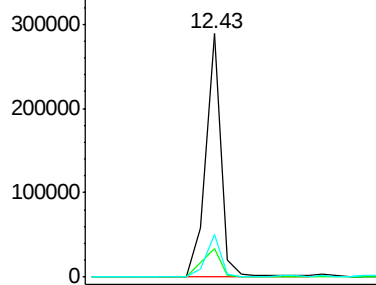
Lab File: BF091033.D

Acq: 4 Nov 2016 21:07

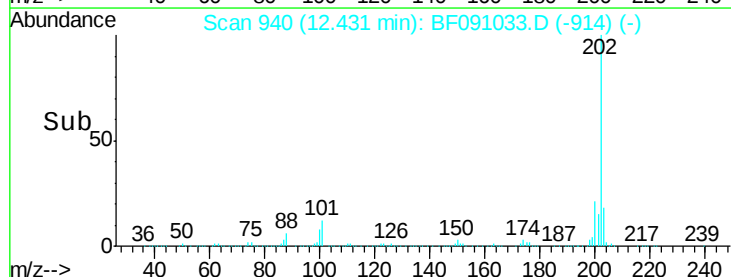
Tgt Ion:	202	Resp:	259915
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	37.6
203	17.7	0.0	38.6

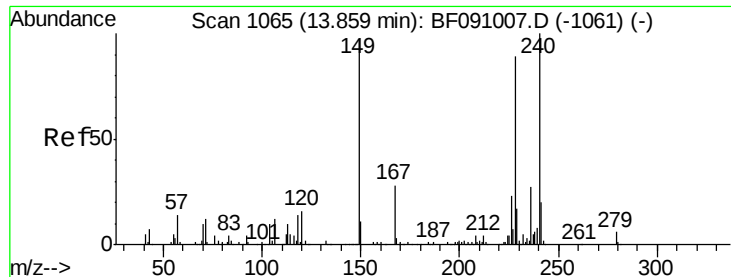


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF091033.D

Acq: 4 Nov 2016 21:07

Instrument :

BNA_F

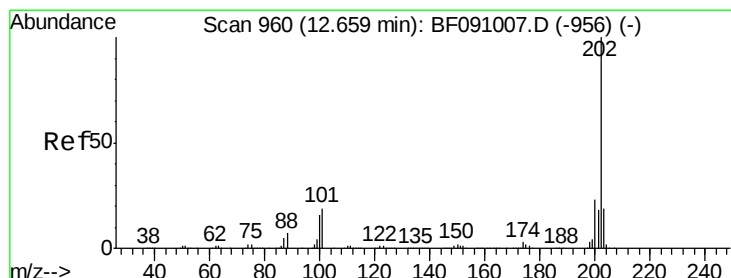
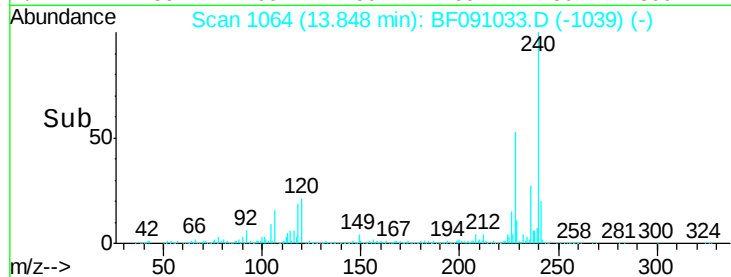
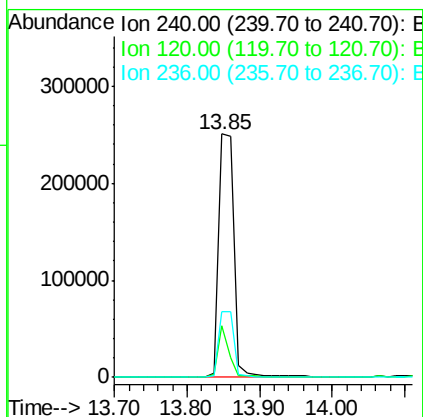
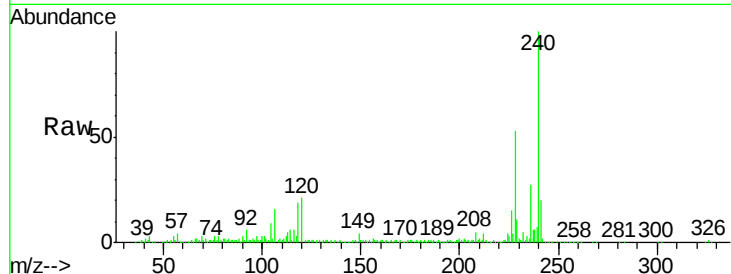
ClientSampleId :

SB-100-1.0-1.5

Tgt Ion:	240	Resp:	364476
Ion Ratio	Lower	Upper	
240	100		
120	21.4	12.9	19.3#
236	27.2	21.9	32.9

Manual Integrations
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#77

Pyrene

Concen: 9.52 ng

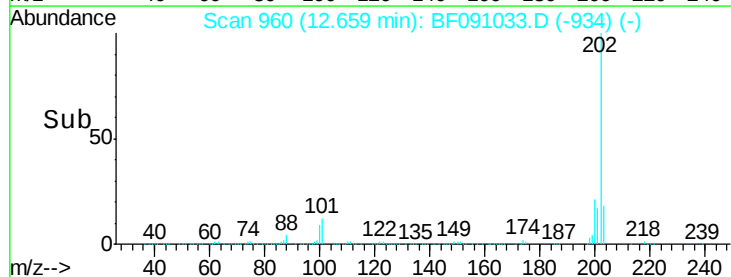
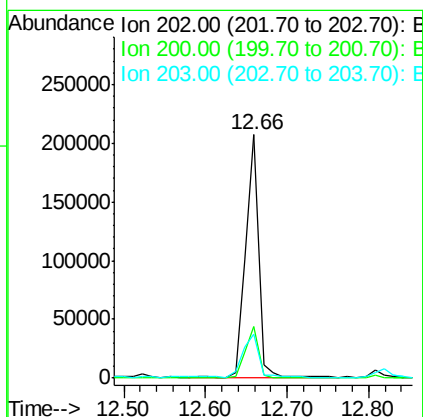
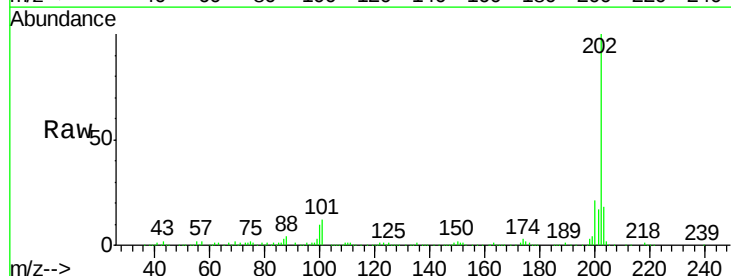
RT: 12.66 min Scan# 960

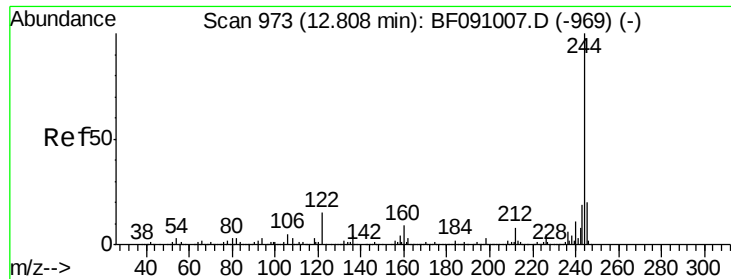
Delta R.T. 0.00 min

Lab File: BF091033.D

Acq: 4 Nov 2016 21:07

Tgt Ion:	202	Resp:	227315
Ion Ratio	Lower	Upper	
202	100		
200	21.2	18.4	27.6
203	17.9	15.0	22.6





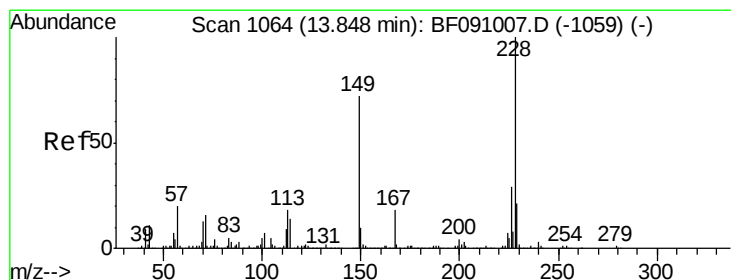
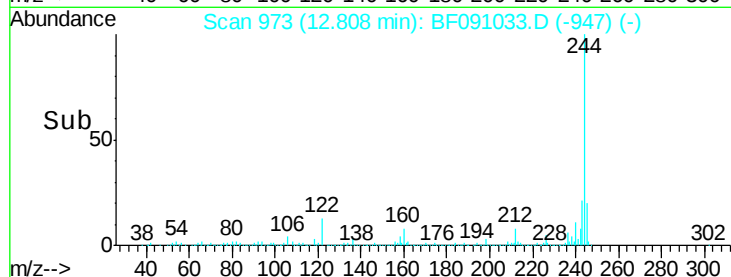
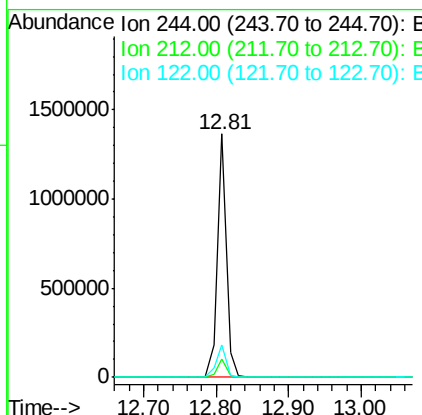
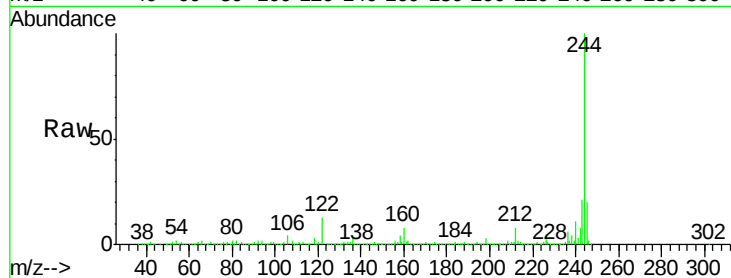
#78
 Terphenyl-d14
 Concen: 80.82 ng
 RT: 12.81 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF091033.D
 Acq: 4 Nov 2016 21:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-100-1.0-1.5

Tgt Ion:244 Resp: 1180446
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 13.3 12.3 18.5

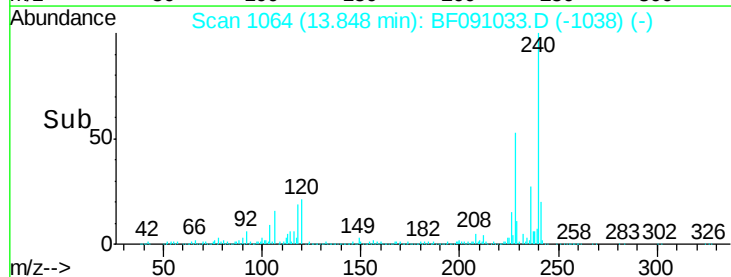
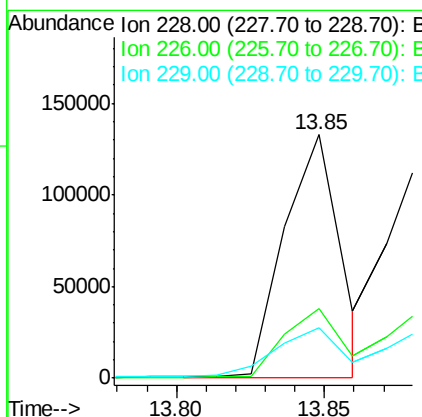
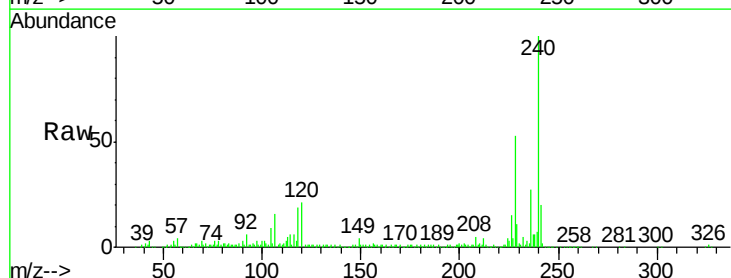
Manual Integrations
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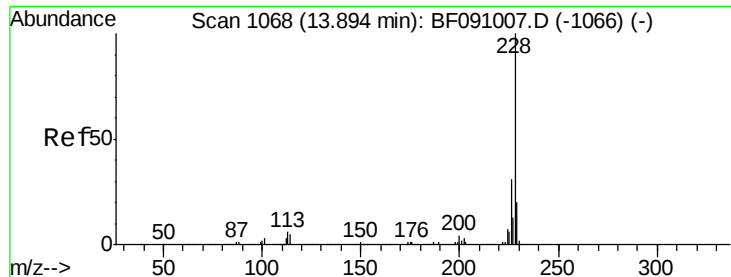
sohil
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#80
 Benzo(a)anthracene
 Concen: 8.49 ng m
 RT: 13.85 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF091033.D
 Acq: 4 Nov 2016 21:07

Tgt Ion:228 Resp: 175789
 Ion Ratio Lower Upper
 228 100
 226 28.5 23.0 34.6
 229 20.6 16.6 24.8





#82

Chrysene

Concen: 7.24 ng m

RT: 13.88 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BF091033.D

Acq: 4 Nov 2016 21:07

Instrument :

BNA_F

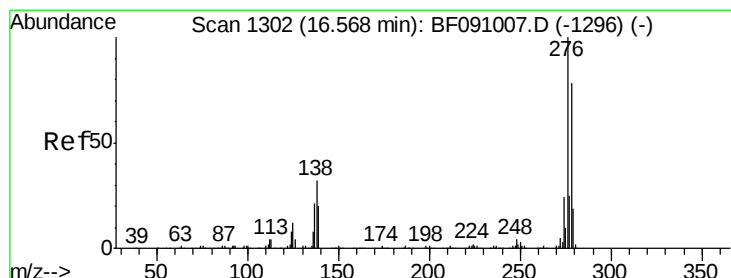
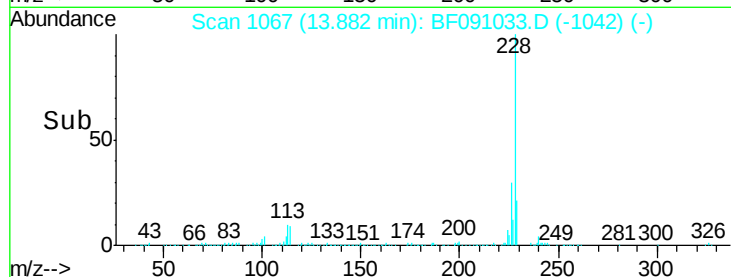
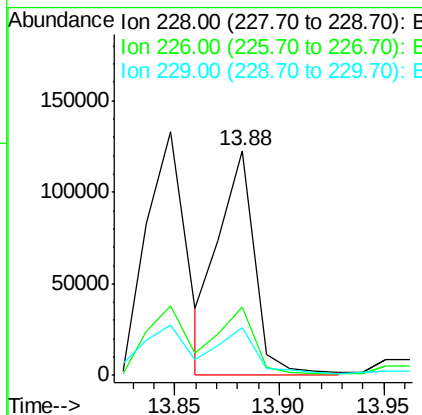
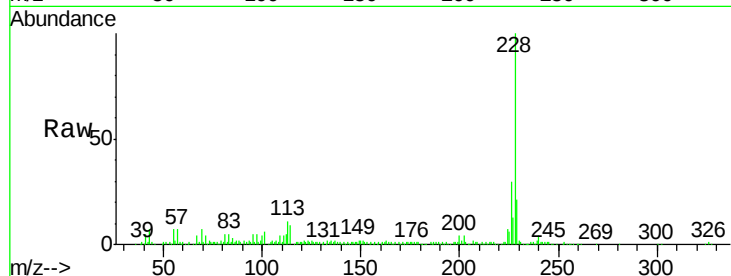
ClientSampleId :

SB-100-1.0-1.5

Tgt Ion:	228	Resp:	147741
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.9	37.3
229	21.5	15.9	23.9

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 5.71 ng

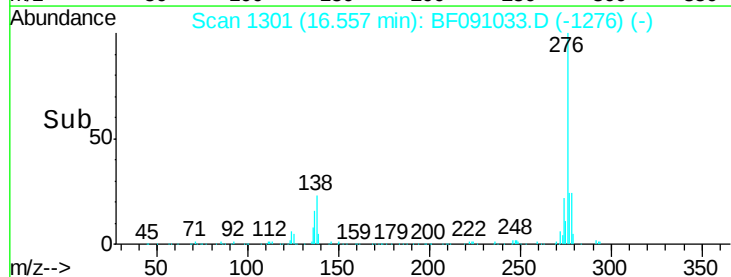
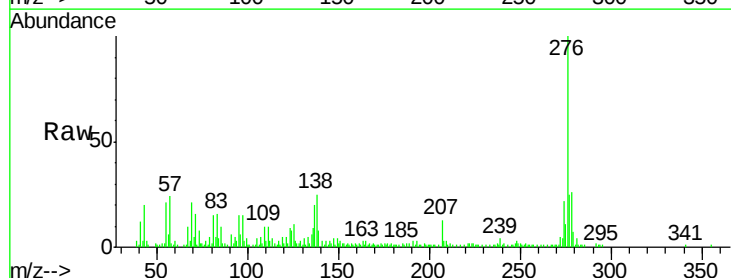
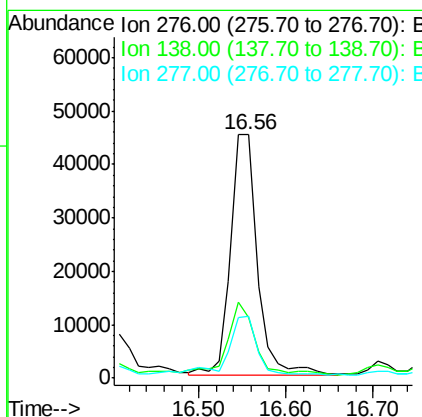
RT: 16.56 min Scan# 1301

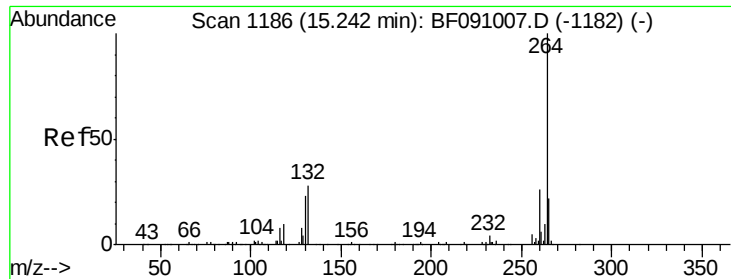
Delta R.T. -0.01 min

Lab File: BF091033.D

Acq: 4 Nov 2016 21:07

Tgt Ion:	276	Resp:	96754
Ion Ratio	Lower	Upper	
276	100		
138	31.3	26.0	39.0
277	26.2	20.1	30.1





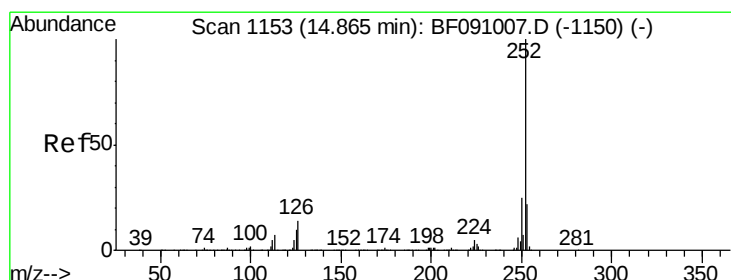
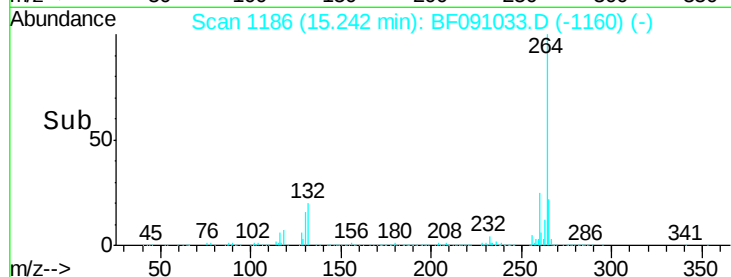
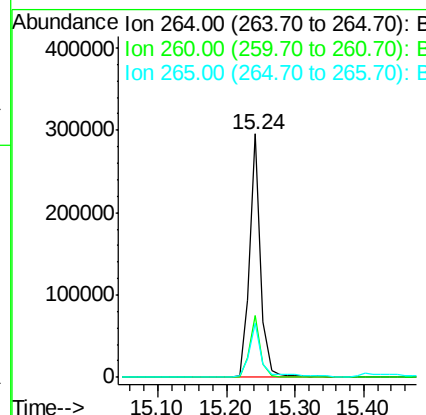
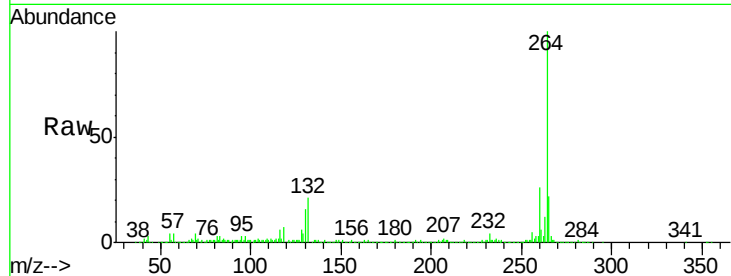
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Instrument :
BNA_F
ClientSampleId :
SB-100-1.0-1.5

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	25.6	20.6	30.8
265	22.3	17.8	26.8

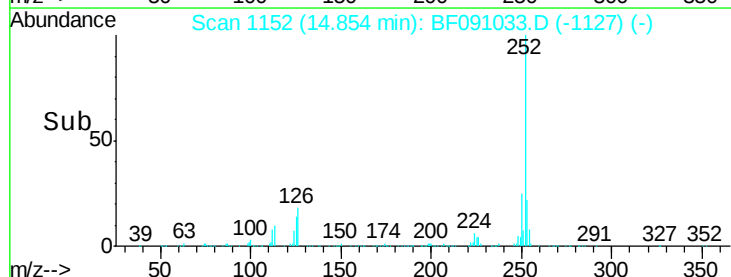
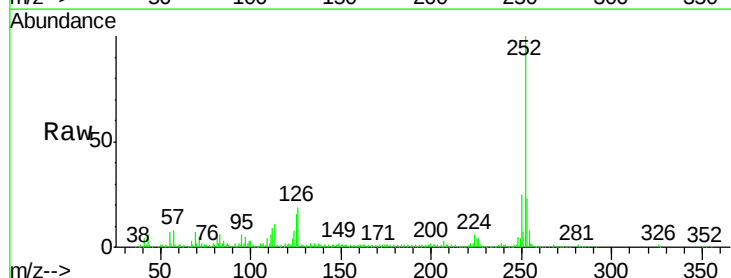
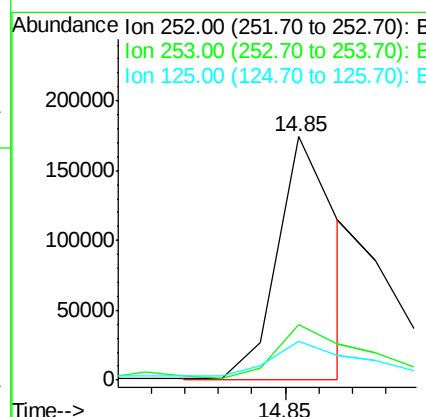
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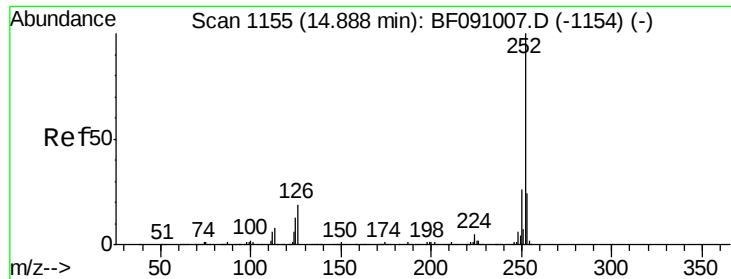
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#87
Benzo(b)fluoranthene
Concen: 9.62 ng m
RT: 14.85 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.7	18.0	27.0
125	16.2	8.3	12.5#





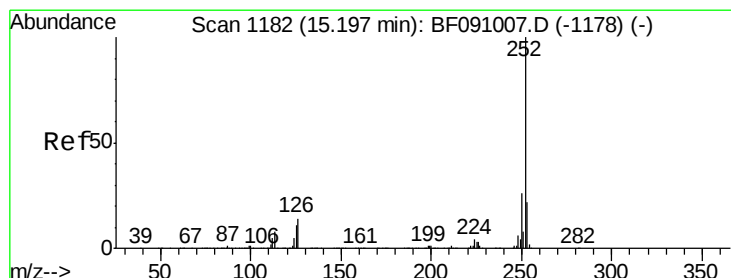
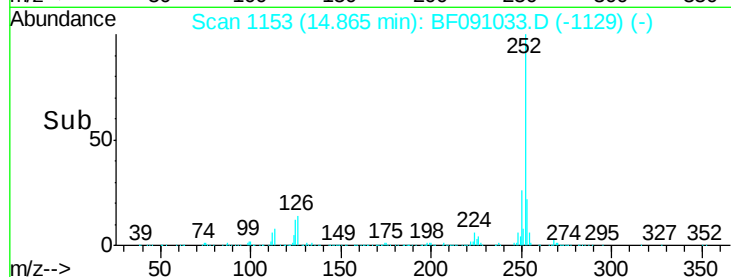
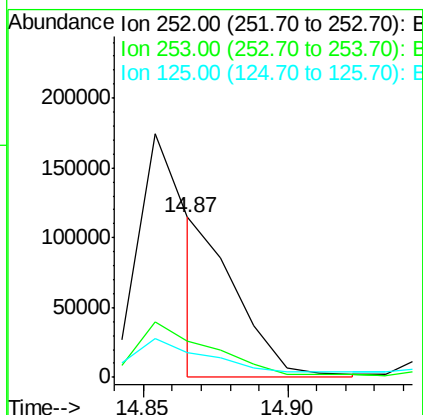
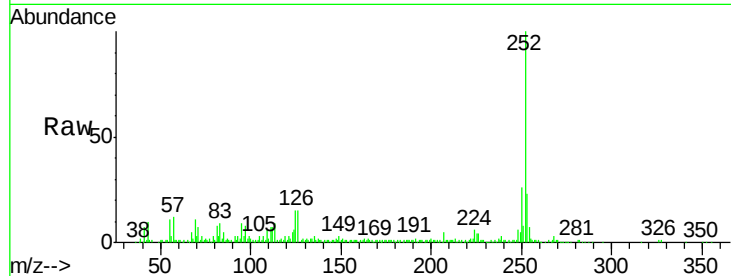
#88
Benzo(k)fluoranthene
Concen: 4.68 ng m
RT: 14.87 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Instrument :
BNA_F
ClientSampleId :
SB-100-1.0-1.5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	28.0
125	15.3	11.2	16.8

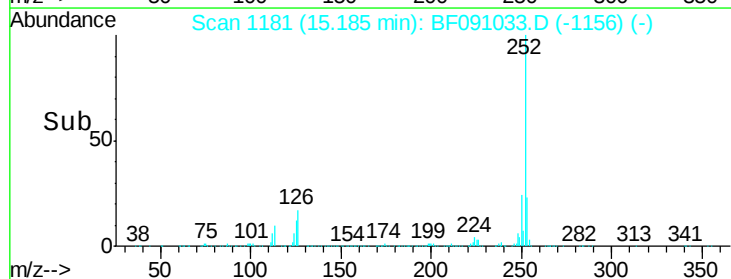
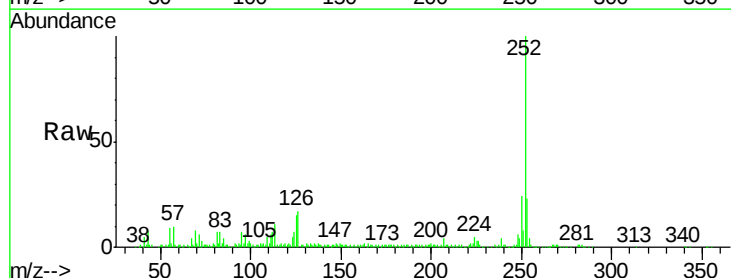
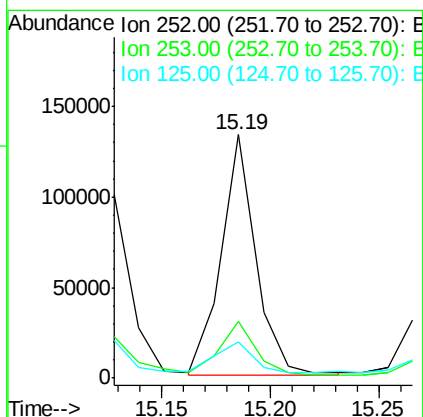
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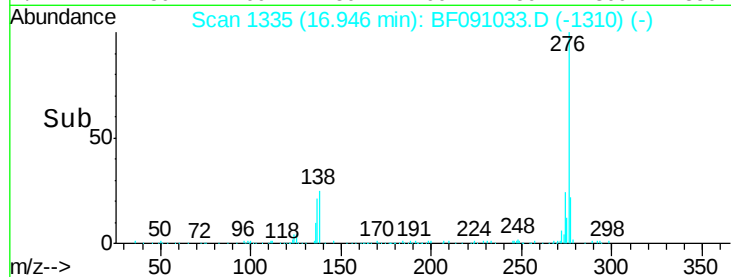
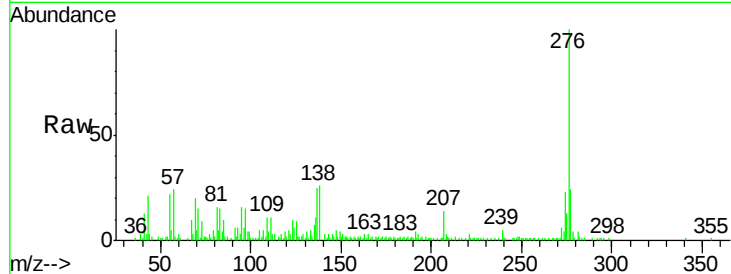
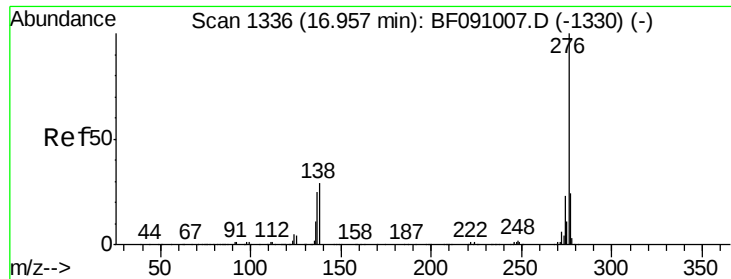
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#89
Benzo(a)pyrene
Concen: 7.55 ng
RT: 15.19 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF091033.D
Acq: 4 Nov 2016 21:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	14.8	8.6	13.0





#91

Benzo(g,h,i)perylene

Concen: 5.73 ng

RT: 16.95 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF091033.D

Acq: 4 Nov 2016 21:07

Instrument :

BNA_F

ClientSampleId :

SB-100-1.0-1.5

Tgt Ion:	276	Resp:	87904
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.2	28.8
138	26.0	23.3	34.9

Manual Integrations
APPROVED

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