

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
 Data File : BF091355.D
 Acq On : 30 Nov 2016 15:37
 Operator : UM/SJ
 Sample : H5749-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-1

Manual Integrations
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Quant Time: Dec 01 00:30:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	210143	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	905601	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	500195	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	882625	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	602265	20.00	ng	-0.03
86) Perylene-d12	15.44	264	480891	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1636285	127.20	ng	0.00
7) Phenol-d6	6.49	99	2345924	148.15	ng	0.00
23) Nitrobenzene-d5	7.43	82	1558995	96.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	607993	128.39	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	2329855	84.34	ng	-0.02
78) Terphenyl-d14	12.97	244	2132660	76.96	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.61	163	193630	6.39	ng	97
70) Phenanthrene	11.41	178	146909	3.20	ng	98
74) Fluoranthene	12.58	202	312075	7.18	ng	97
77) Pyrene	12.81	202	342812	7.50	ng	98
80) Benzo(a)anthracene	14.00	228	145645m	4.14	ng	
82) Chrysene	14.04	228	181341	5.20	ng	97
85) Indeno(1,2,3-cd)pyrene	16.84	276	100766	3.16	ng	94
87) Benzo(b)fluoranthene	15.03	252	223238m	7.47	ng	
88) Benzo(k)fluoranthene	15.04	252	85148m	3.39	ng	
89) Benzo(a)pyrene	15.39	252	127826m	4.76	ng	
91) Benzo(g,h,i)perylene	17.25	276	104788	4.09	ng	99

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

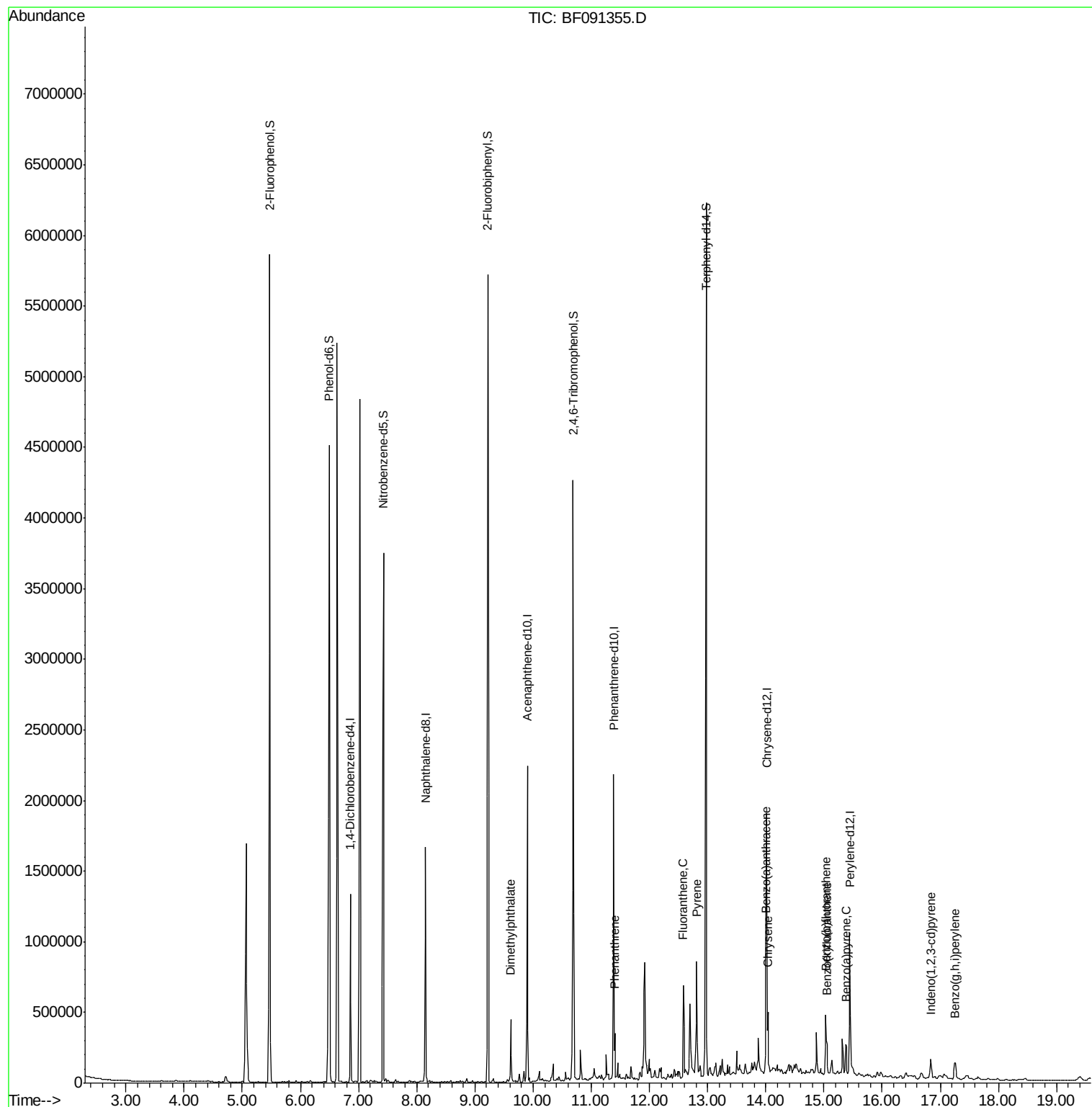
Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
Data File : BF091355.D
Acq On : 30 Nov 2016 15:37
Operator : UM/SJ
Sample : H5749-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

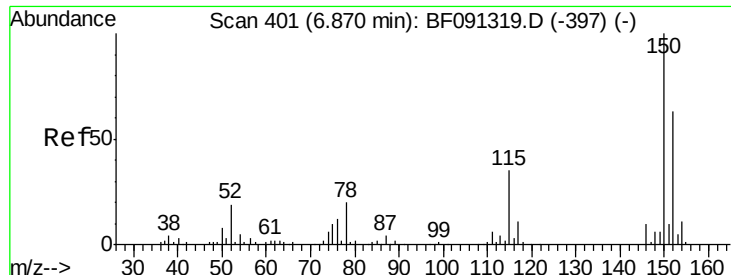
Instrument :
BNA_F
ClientSampleId :
GRID-MM4-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

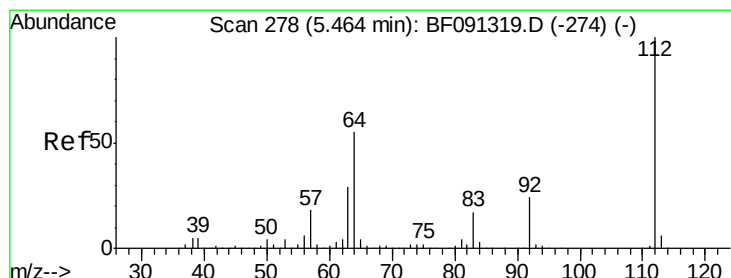
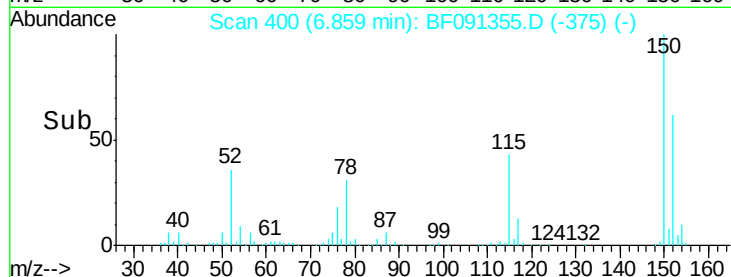
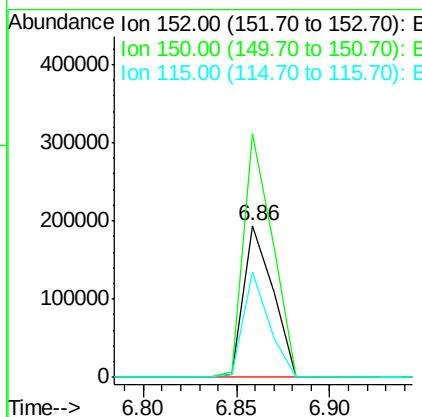
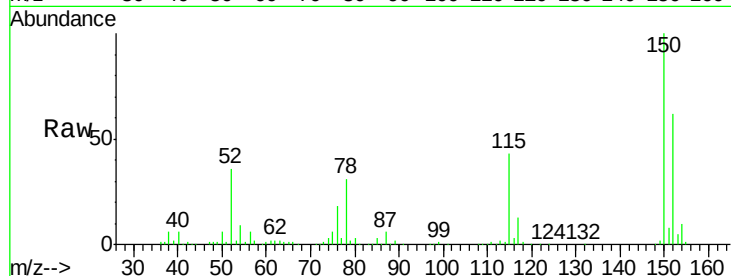
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF091355.D
Acq: 30 Nov 2016 15:37

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	122.5	183.7
115	69.3	51.8	77.8

Manual Integrations
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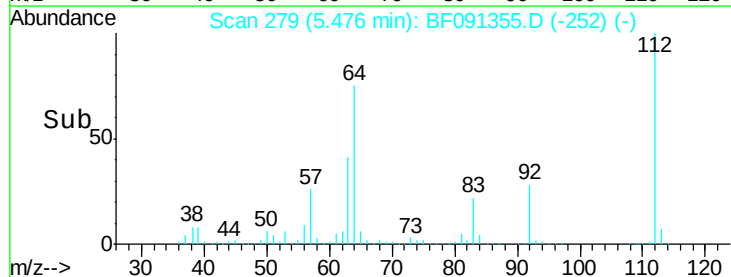
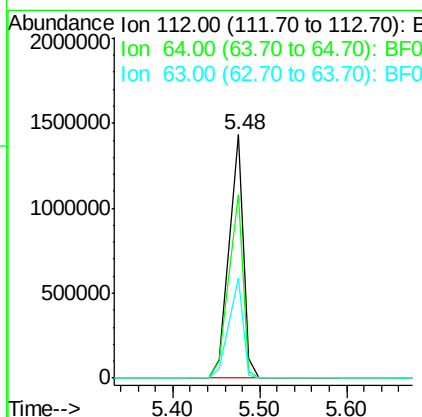
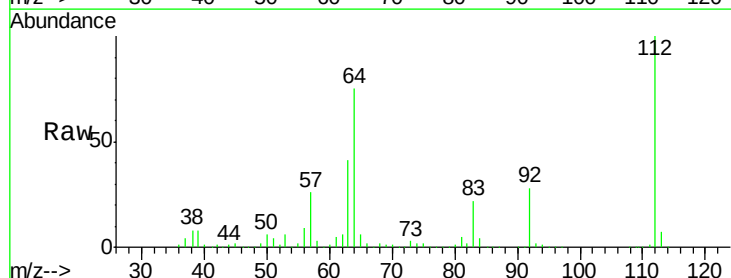
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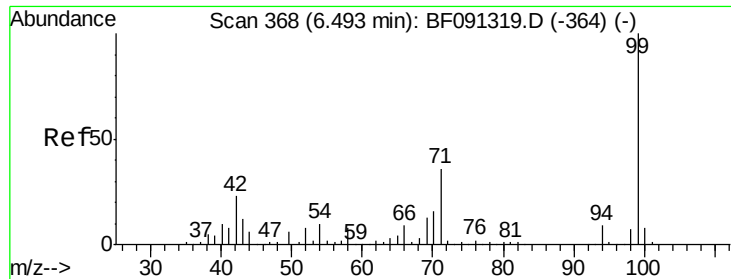


#5

2-Fluorophenol
Concen: 127.20 ng
RT: 5.48 min Scan# 279
Delta R.T. 0.01 min
Lab File: BF091355.D
Acq: 30 Nov 2016 15:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.4	61.5	92.3
63	40.9	33.3	49.9





#7

Phenol-d6

Concen: 148.15 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091355.D

Acq: 30 Nov 2016 15:37

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-1

Tot Ion: 99 Resp: 2345924

Ion Ratio Lower Upper

99 100

42 25.1 20.6 31.0

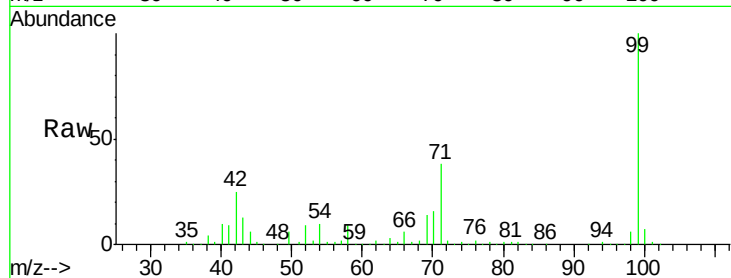
71 37.8 29.9 44.9

Manual Integrations

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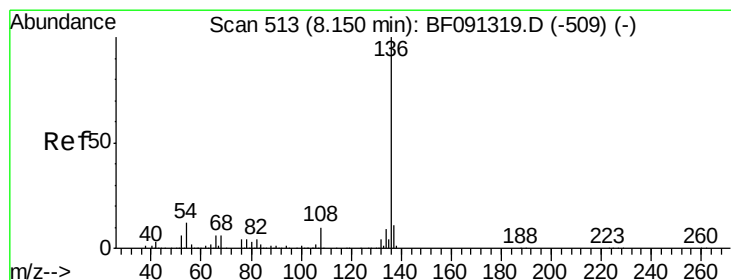
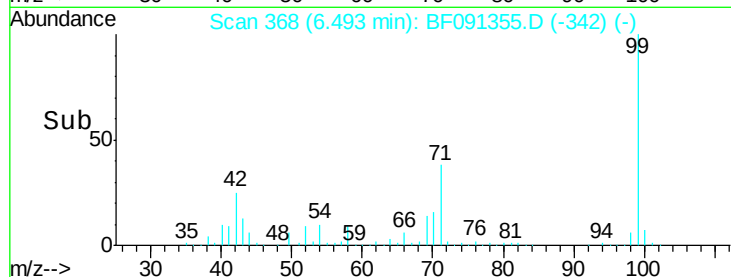
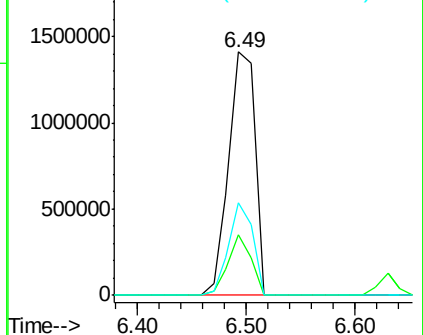
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Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091355.D

Acq: 30 Nov 2016 15:37

Tgt Ion: 136 Resp: 905601

Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 9.2 9.1 13.7

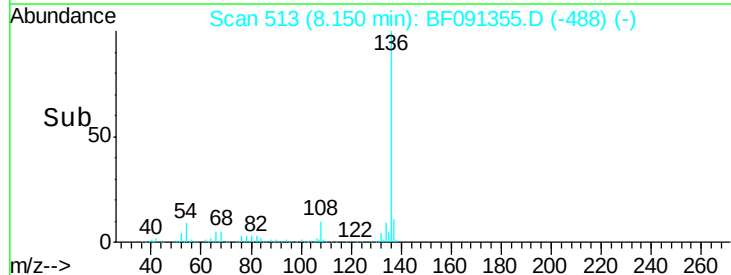
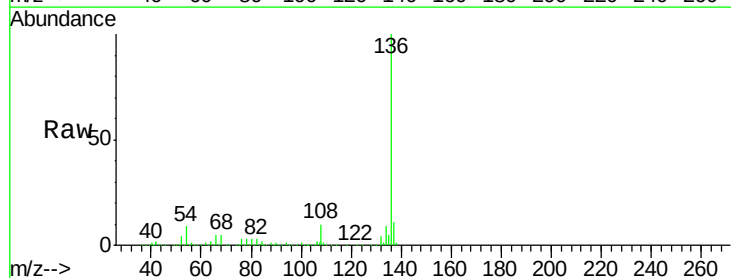
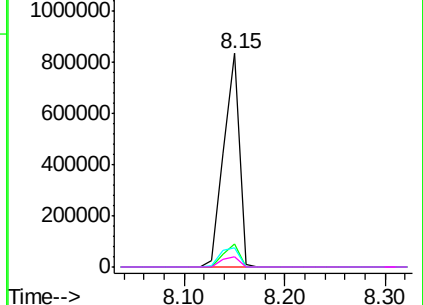
68 4.8 5.9 8.9#

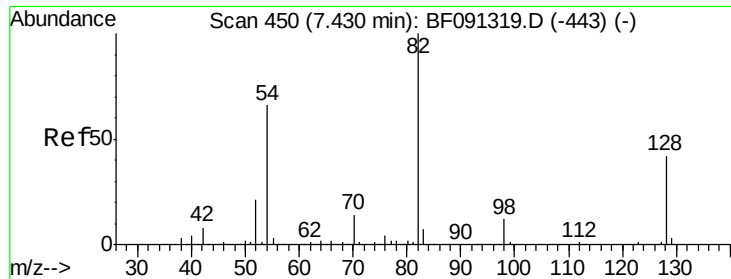
Abundance Ion 136.00 (135.70 to 136.70): E

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





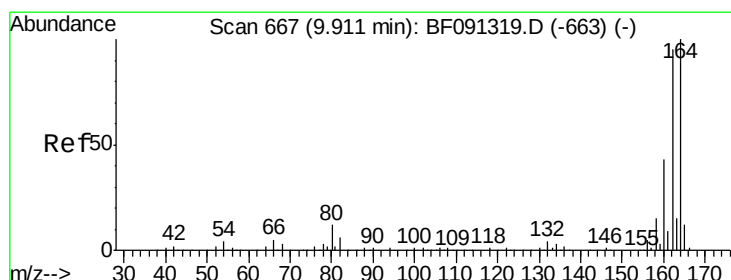
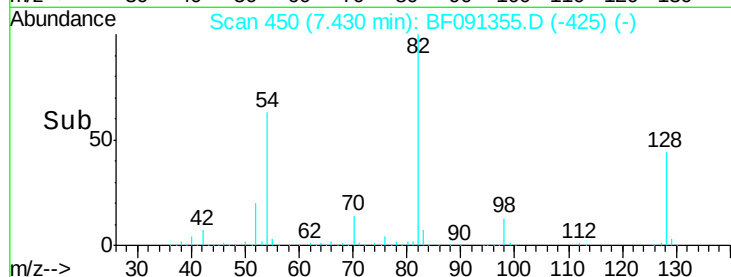
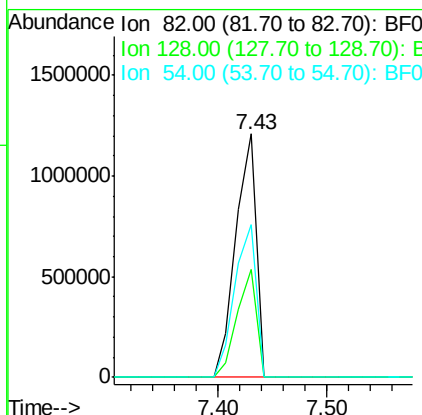
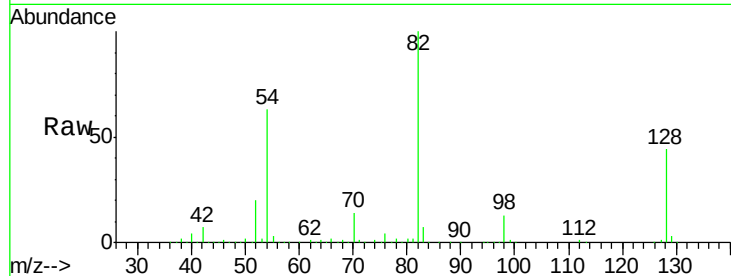
#23
 Nitrobenzene-d5
 Concen: 96.47 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF091355.D
 Acq: 30 Nov 2016 15:37

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-1

Tot Ion	82	Resp	1558995
Ion Ratio	100	Lower	Upper
128	44.2	31.8	47.6
54	63.0	49.1	73.7

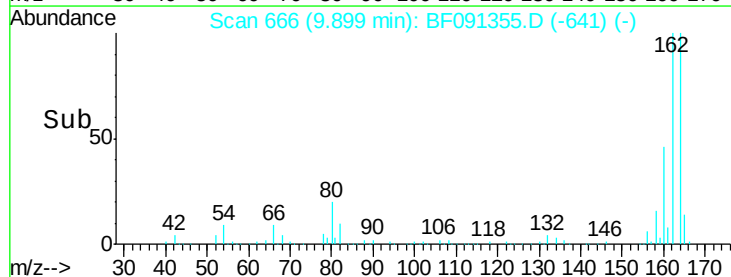
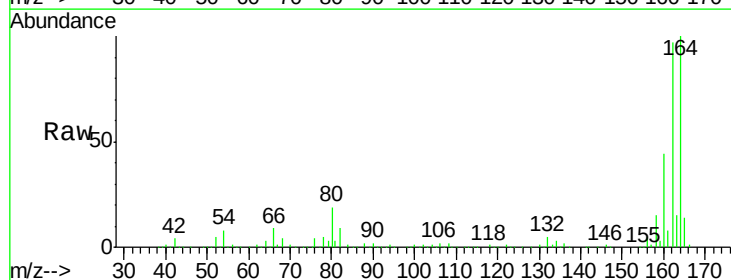
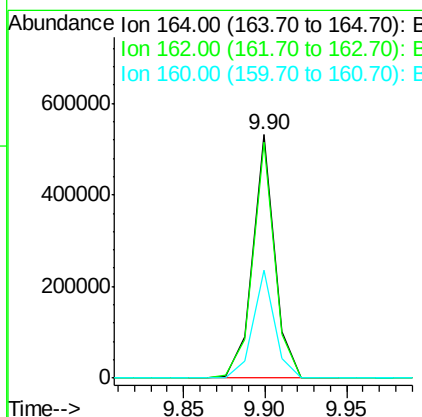
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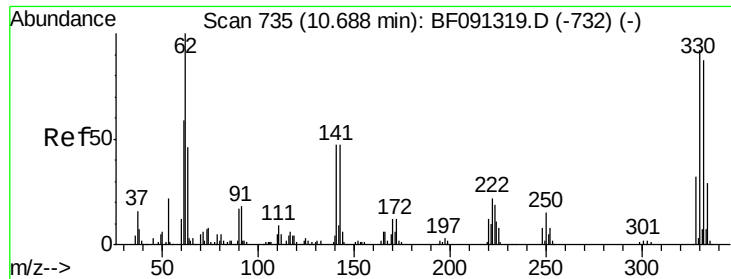
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF091355.D
 Acq: 30 Nov 2016 15:37

Tgt Ion	164	Resp	500195
Ion Ratio	100	Lower	Upper
162	96.9	82.6	124.0
160	44.4	36.7	55.1





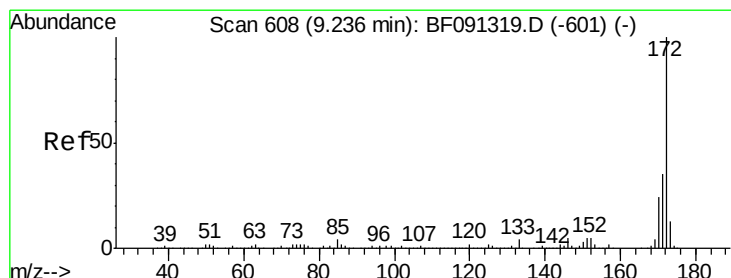
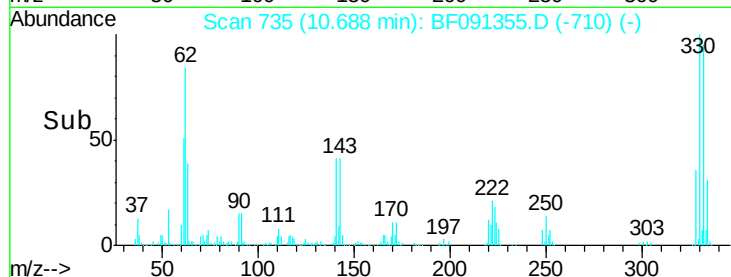
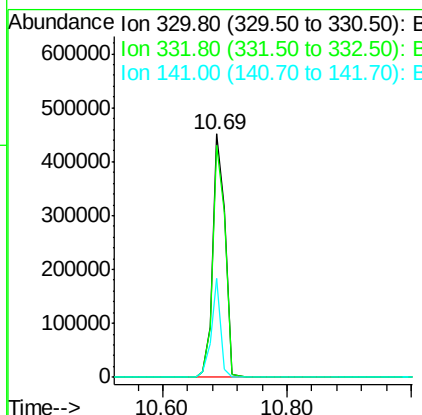
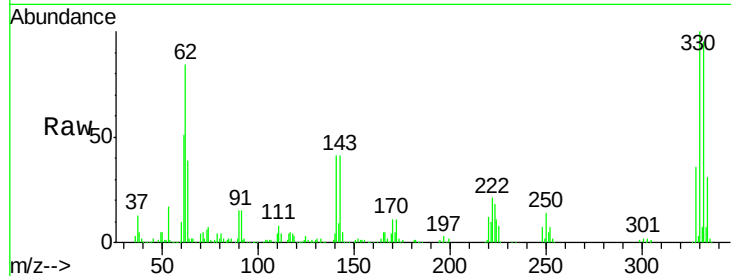
#41
 2,4,6-Tribromophenol
 Concen: 128.39 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091355.D
 Acq: 30 Nov 2016 15:37

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.2	114.4
141	31.3	33.6	50.4

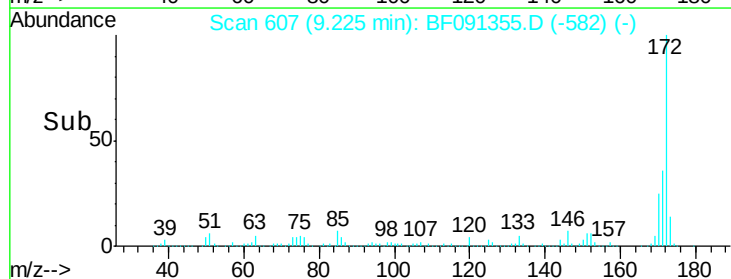
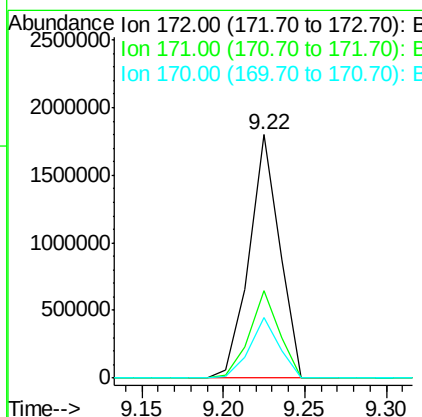
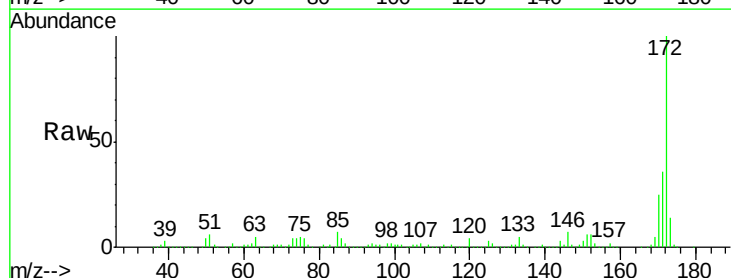
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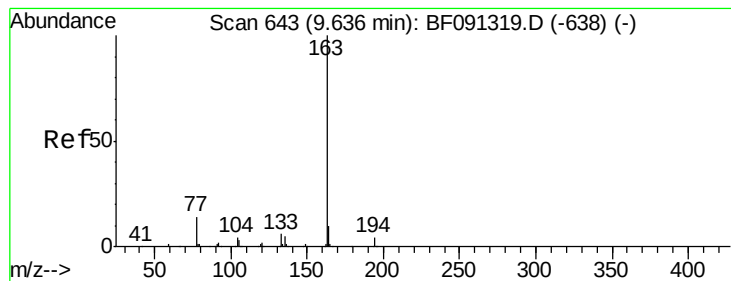
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#44
 2-Fluorobiphenyl
 Concen: 84.34 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091355.D
 Acq: 30 Nov 2016 15:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.8	19.7	29.5





#49

Dimethylphthalate

Concen: 6.39 ng

RT: 9.61 min Scan# 641

Delta R.T. -0.04 min

Lab File: BF091355.D

Acq: 30 Nov 2016 15:37

Instrument :

BNA_F

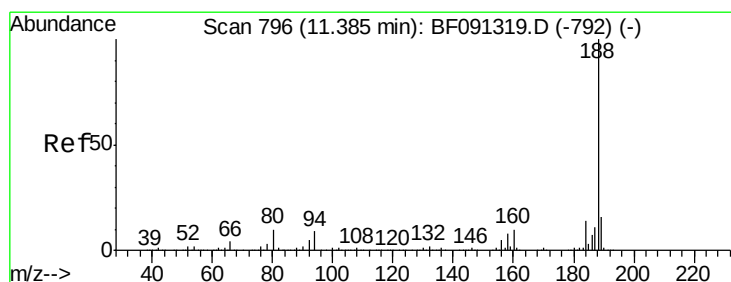
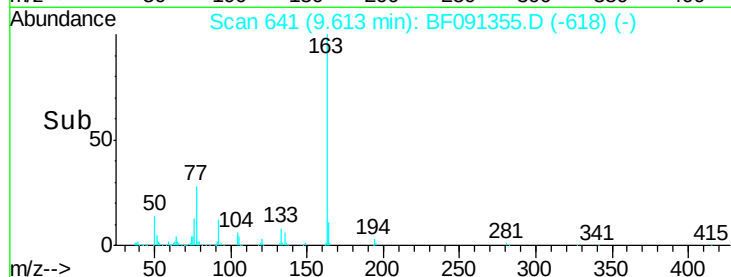
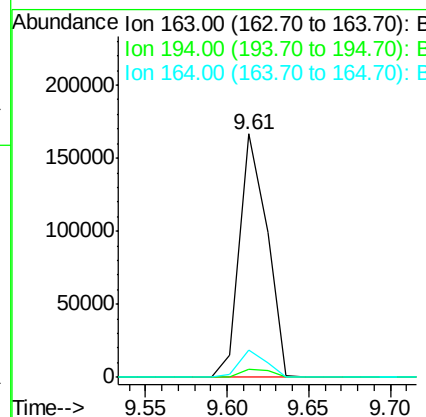
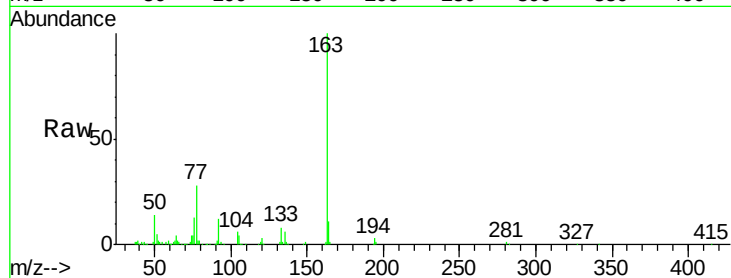
ClientSampleId :

GRID-MM4-1

Tot Ion:	163	Resp:	193630
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.0	4.4
164	11.2	7.8	11.8

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#63

Phenanthrene-d10

Concen: 20.00 ng

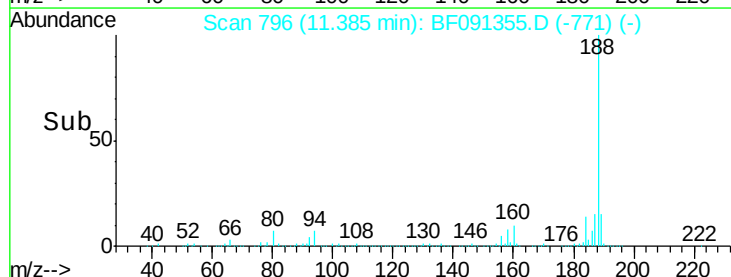
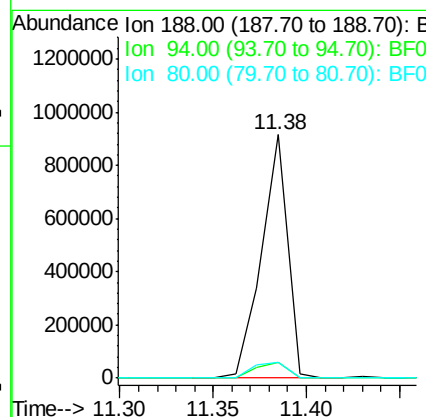
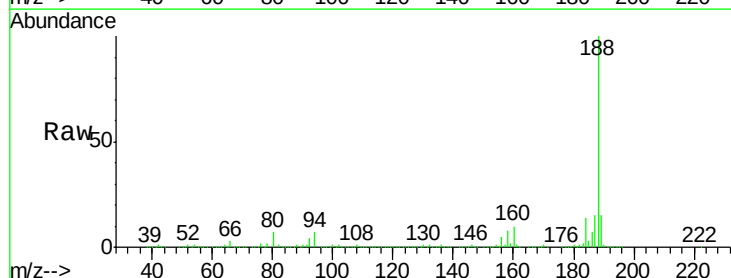
RT: 11.38 min Scan# 796

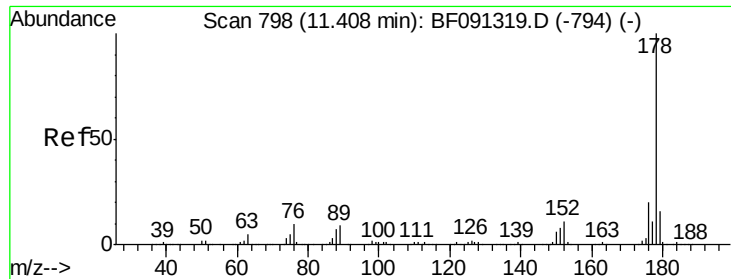
Delta R.T. -0.02 min

Lab File: BF091355.D

Acq: 30 Nov 2016 15:37

Tgt Ion:	188	Resp:	882625
Ion Ratio	Lower	Upper	
188	100		
94	6.6	9.2	13.8#
80	6.6	10.5	15.7#





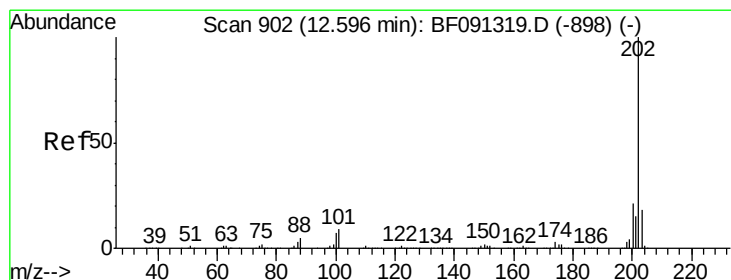
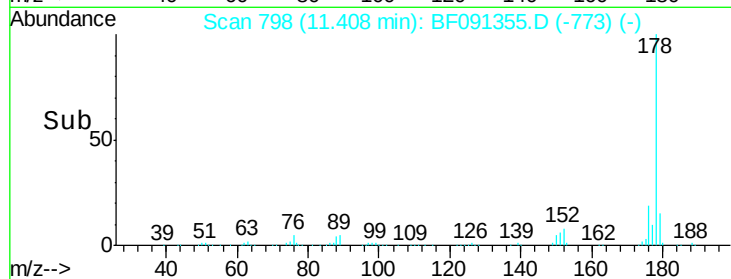
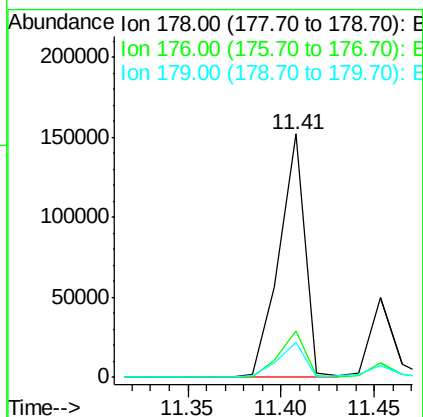
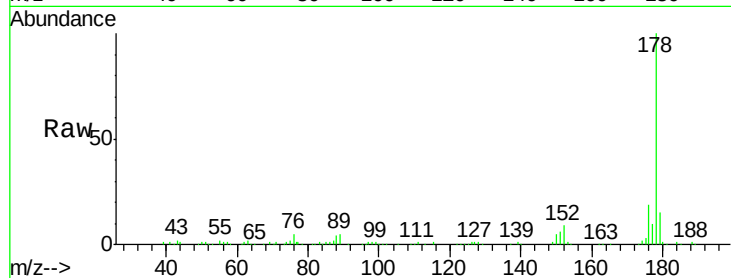
#70
Phenanthrene
Concen: 3.20 ng
RT: 11.41 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF091355.D
Acq: 30 Nov 2016 15:37

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	14.6	12.6	18.8

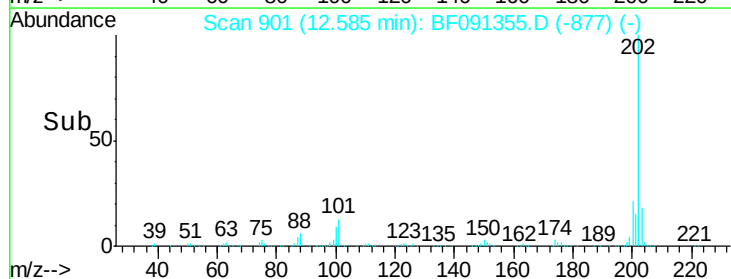
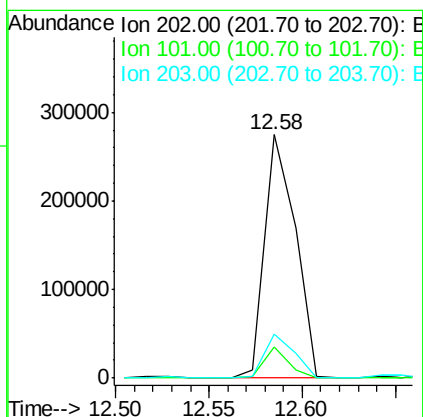
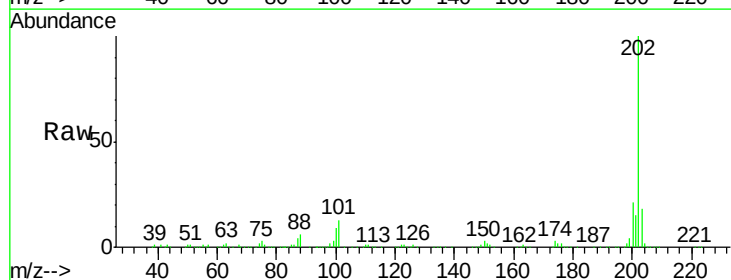
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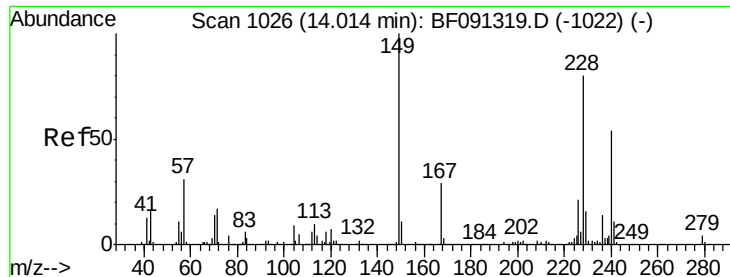
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#74
Fluoranthene
Concen: 7.18 ng
RT: 12.58 min Scan# 901
Delta R.T. -0.03 min
Lab File: BF091355.D
Acq: 30 Nov 2016 15:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	29.5
203	18.1	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091355.D

Acq: 30 Nov 2016 15:37

Instrument :

BNA_F

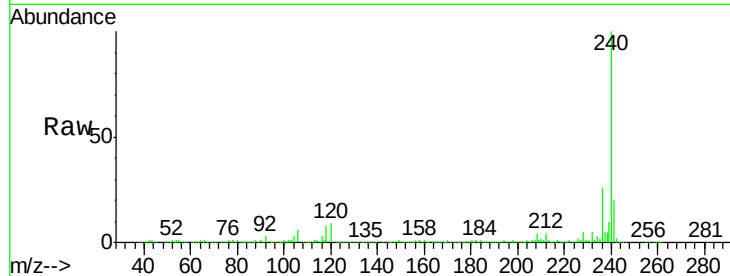
ClientSampleId :

GRID-MM4-1

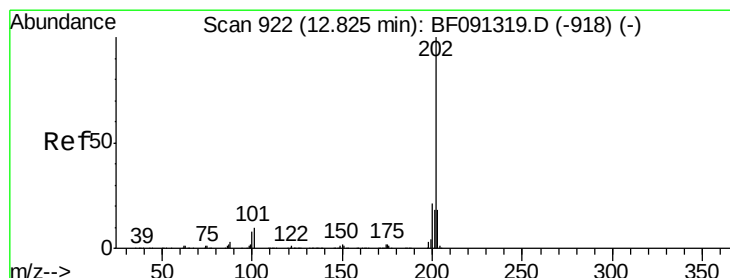
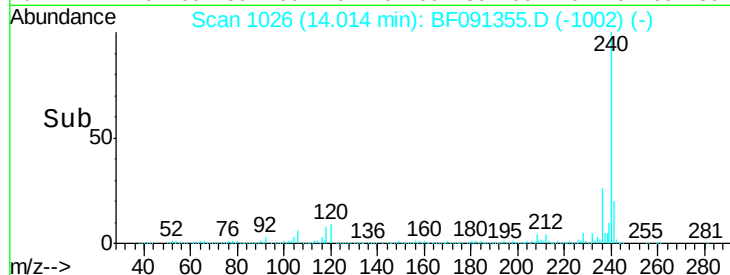
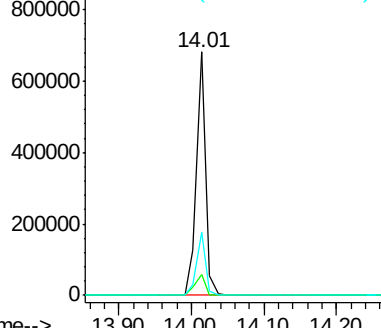
Tot Ion	Ratio	Resp	Lower	Upper
240	100	602265		
120	8.6	12.1	18.1#	
236	26.0	21.0	31.6	

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E



#77

Pyrene

Concen: 7.50 ng

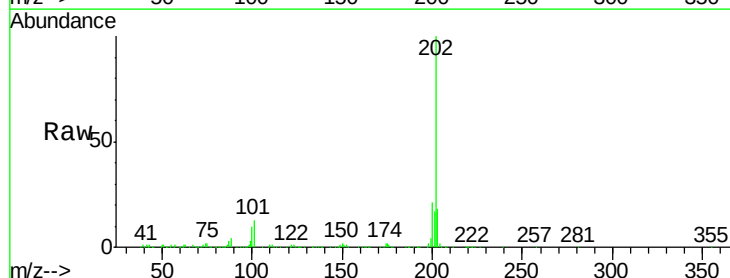
RT: 12.81 min Scan# 921

Delta R.T. -0.03 min

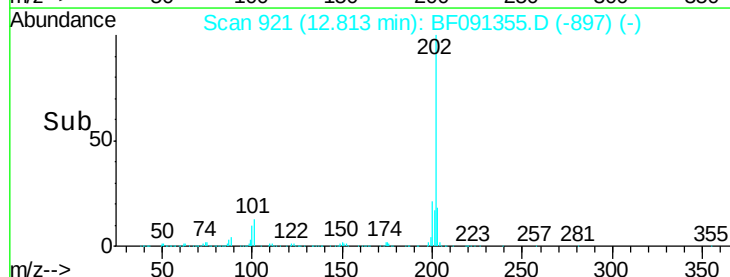
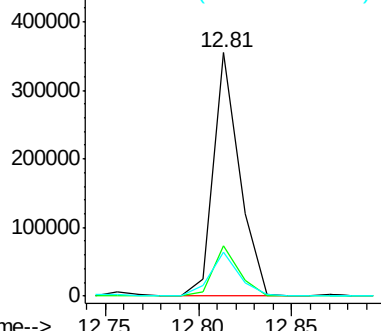
Lab File: BF091355.D

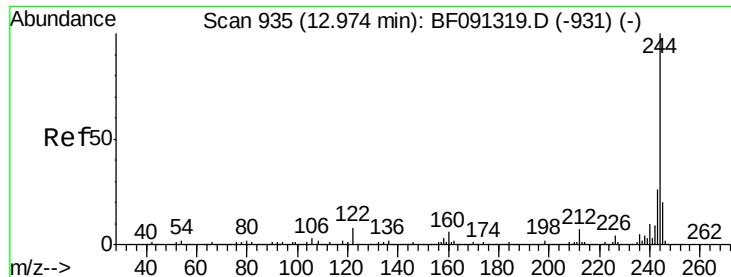
Acq: 30 Nov 2016 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	342812		
200	20.5	17.6	26.4	
203	18.0	14.0	21.0	



Abundance Ion 202.00 (201.70 to 202.70): E





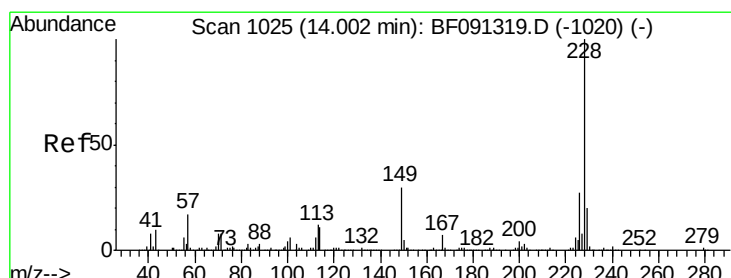
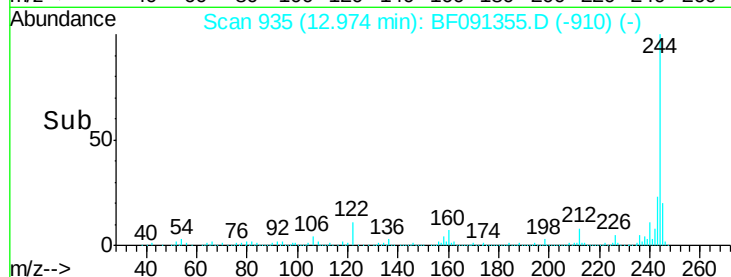
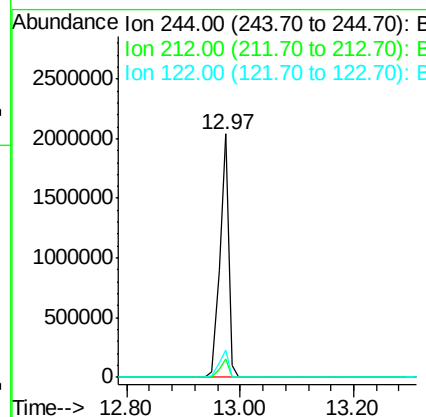
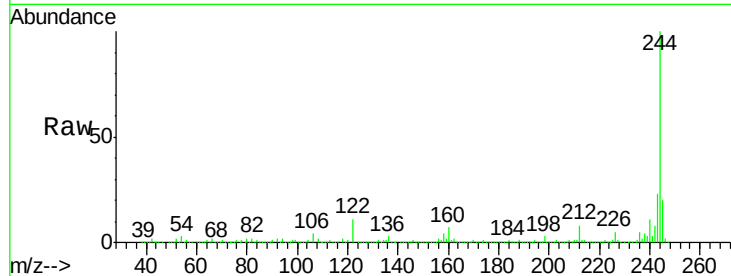
#78
 Terphenyl-d14
 Concen: 76.96 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091355.D
 Acq: 30 Nov 2016 15:37

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-1

Tot Ion:244 Resp: 2132660
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 11.1 9.5 14.3

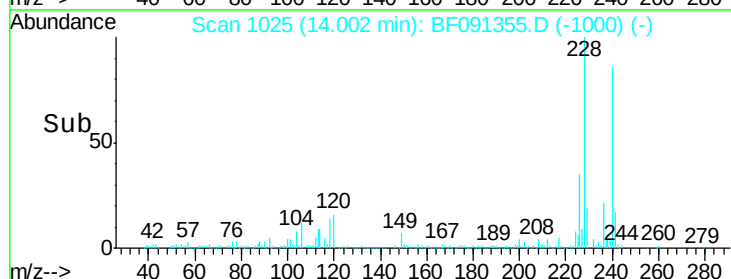
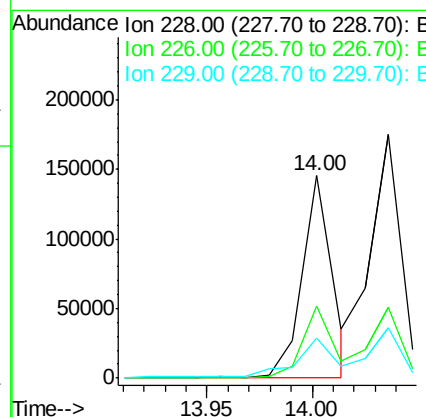
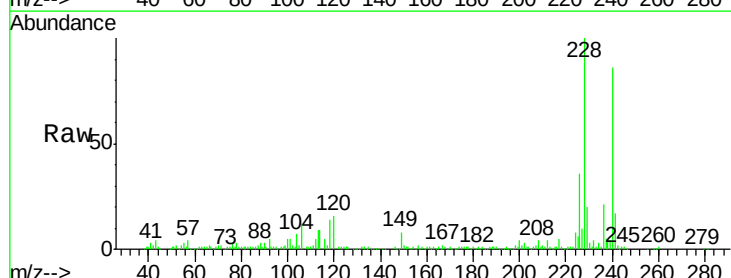
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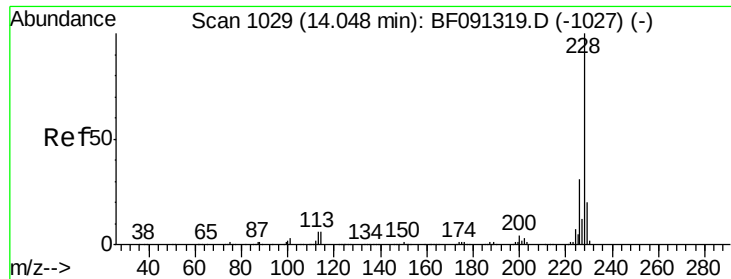
sohil
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#80
 Benzo(a)anthracene
 Concen: 4.14 ng m
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.02 min
 Lab File: BF091355.D
 Acq: 30 Nov 2016 15:37

Tgt Ion:228 Resp: 145645
 Ion Ratio Lower Upper
 228 100
 226 35.8 22.5 33.7#
 229 20.0 16.4 24.6





#82

Chrysene

Concen: 5.20 ng

RT: 14.04 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BF091355.D

Acq: 30 Nov 2016 15:37

Instrument :

BNA_F

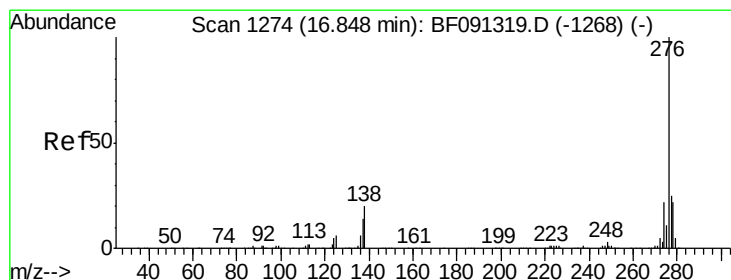
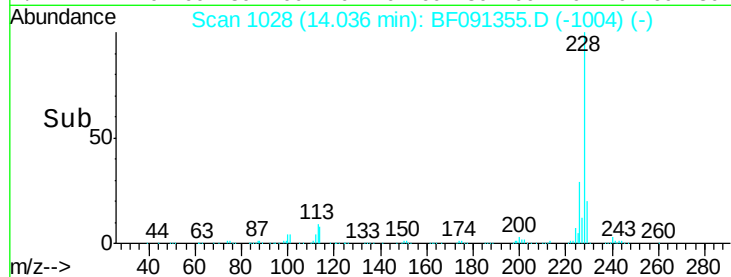
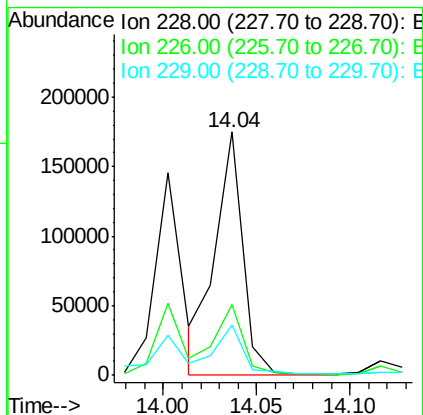
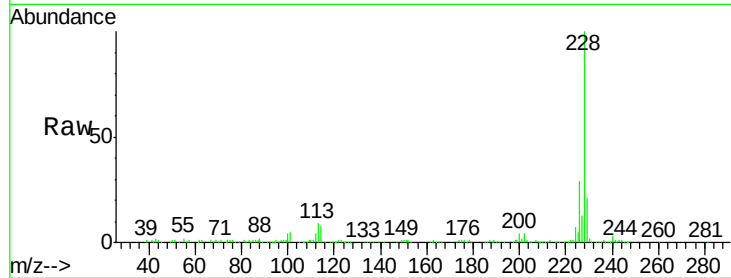
ClientSampleId :

GRID-MM4-1

Tot Ion:	228	Resp:	181341
Ion Ratio		Lower	Upper
228	100		
226	29.2	25.0	37.4
229	20.8	16.0	24.0

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#85

Indeno(1,2,3-cd)pyrene

Concen: 3.16 ng

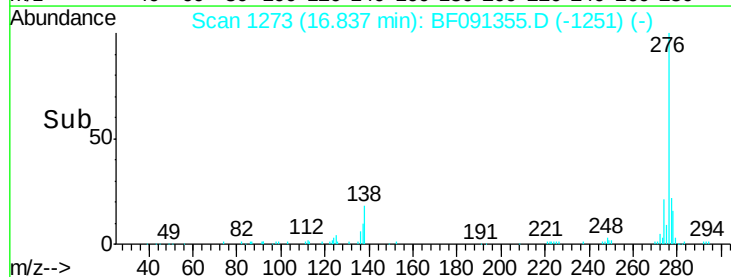
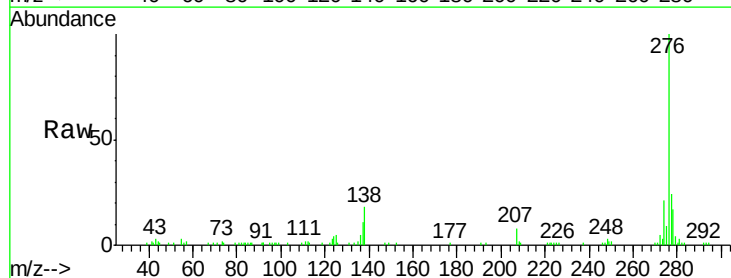
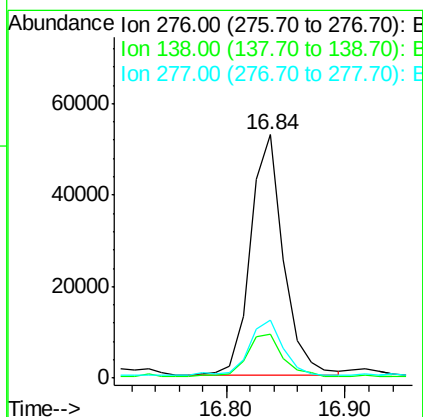
RT: 16.84 min Scan# 1273

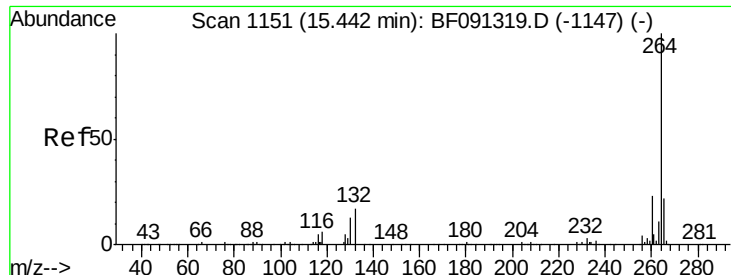
Delta R.T. -0.05 min

Lab File: BF091355.D

Acq: 30 Nov 2016 15:37

Tgt Ion:	276	Resp:	100766
Ion Ratio		Lower	Upper
276	100		
138	22.6	21.0	31.4
277	27.1	20.2	30.2





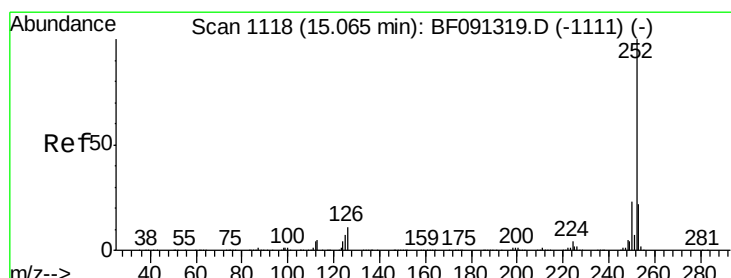
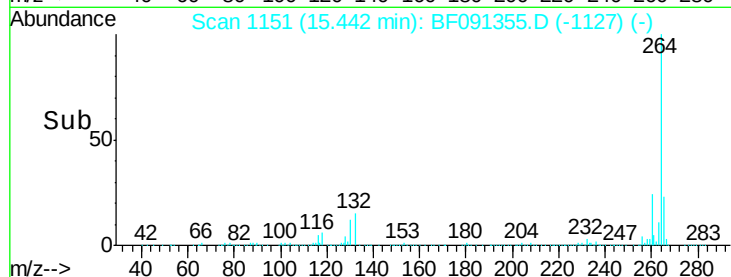
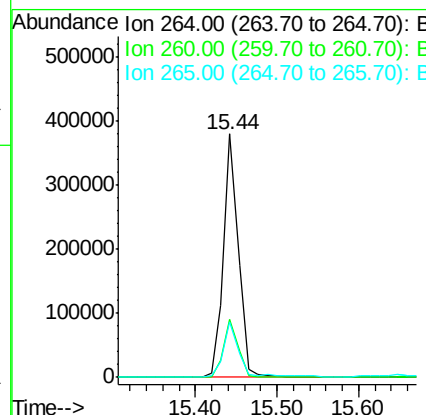
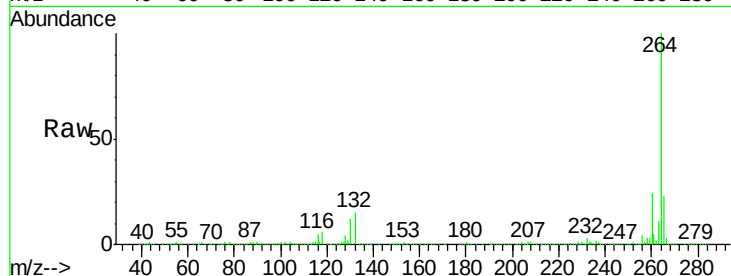
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091355.D
Acq: 30 Nov 2016 15:37

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	22.6	17.0	25.6

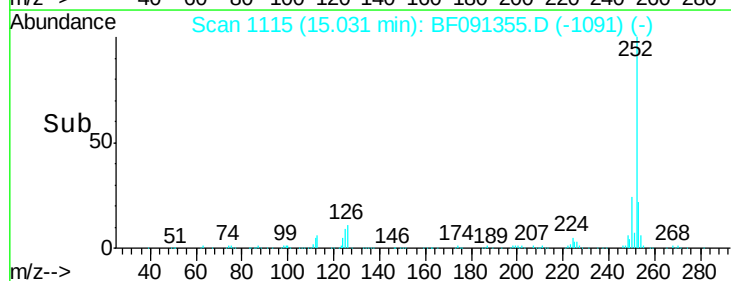
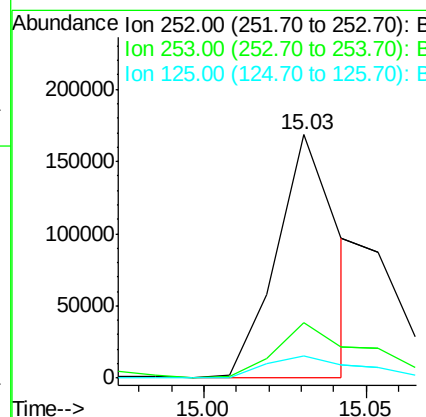
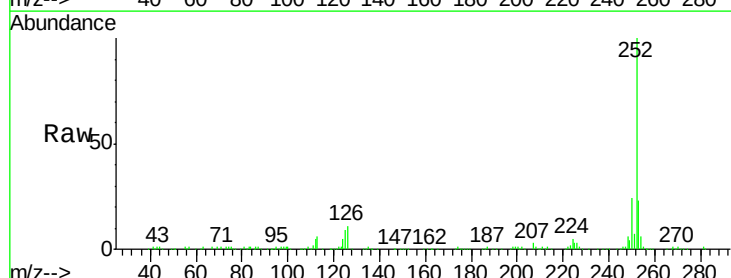
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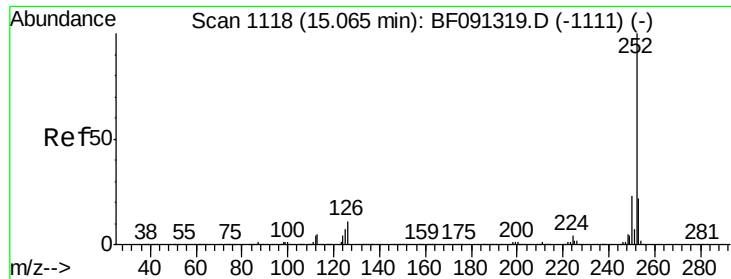
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#87
Benzo(b)fluoranthene
Concen: 7.47 ng m
RT: 15.03 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF091355.D
Acq: 30 Nov 2016 15:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	9.3	8.6	13.0





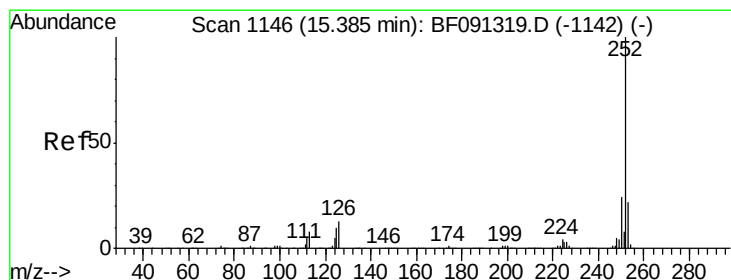
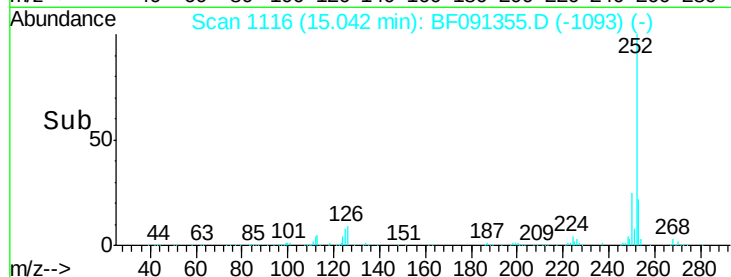
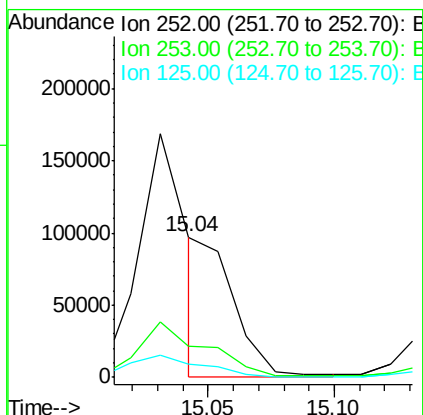
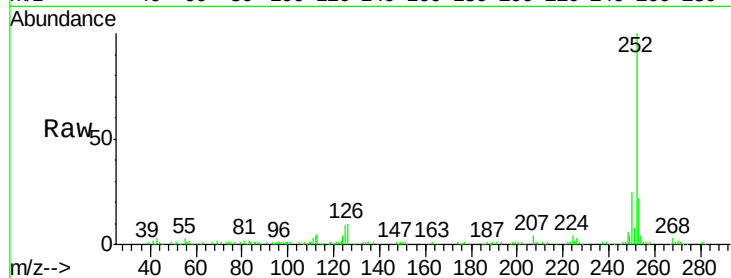
#88
Benzo(k)fluoranthene
Concen: 3.39 ng m
RT: 15.04 min Scan# 1116
Delta R.T. -0.04 min
Lab File: BF091355.D
Acq: 30 Nov 2016 15:37

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	9.0	9.6	14.4

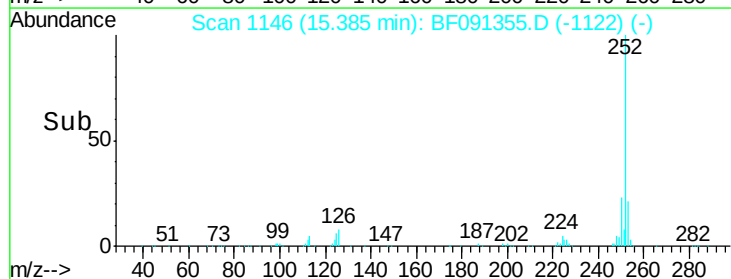
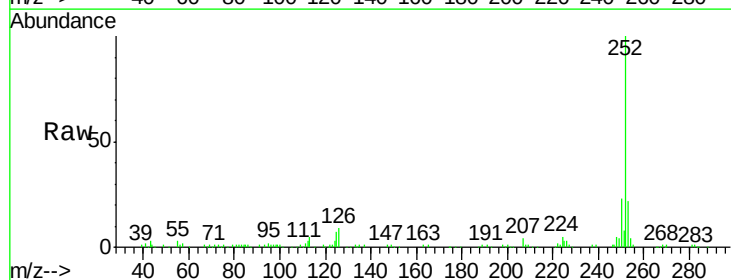
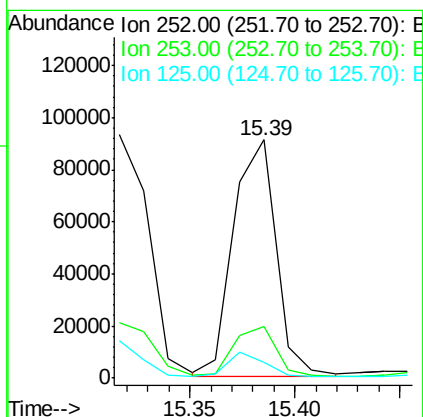
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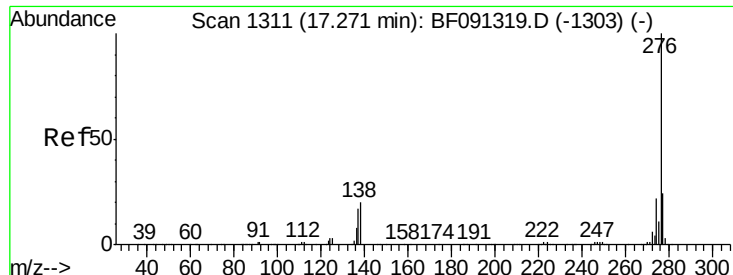
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#89
Benzo(a)pyrene
Concen: 4.76 ng m
RT: 15.39 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF091355.D
Acq: 30 Nov 2016 15:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	6.8	10.4	15.6





#91
 Benzo(a,h,i)perylene
 Concen: 4.09 ng
 RT: 17.25 min Scan# 1309
 Delta R.T. -0.06 min
 Lab File: BF091355.D
 Acq: 30 Nov 2016 15:37

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-1

Tot Ion:	276	Resp:	104788
Ion Ratio		Lower	Upper
276	100		
277	23.7	19.0	28.4
138	20.3	15.4	23.0

Manual Integrations
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