

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
 Data File : BF102561.D
 Acq On : 28 Jan 2018 17:00
 Operator : SJ/JU
 Sample : J1290-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-48-0-2.0

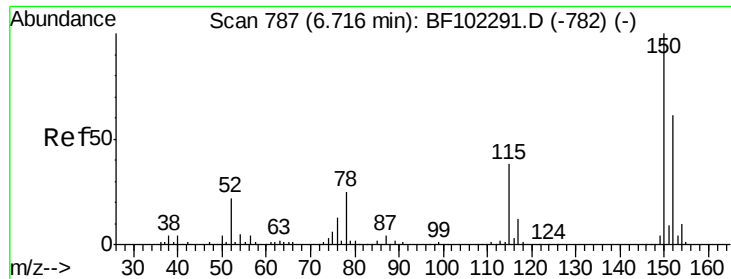
Manual Integrations
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Quant Time: Jan 29 03:47:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	173735	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	733603	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	309483	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	477353	20.00	ng	0.00
75) Chrysene-d12	13.87	240	315593	20.00	ng	-0.01
86) Perylene-d12	15.30	264	333384	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1034062	90.25	ng	0.00
7) Phenol-d6	6.36	99	1295453	93.78	ng	0.00
23) Nitrobenzene-d5	7.28	82	807698	63.27	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	219462	71.57	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1208391	57.41	ng	0.00
78) Terphenyl-d14	12.82	244	823885	58.85	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.37	94	38687	2.565	ng	87
49) Dimethylphthalate	9.46	163	117612	4.598	ng	99
70) Phenanthrene	11.26	178	213293	7.668	ng	97
71) Anthracene	11.31	178	63769	2.246	ng	98
74) Fluoranthene	12.44	202	385489	13.590	ng	98
77) Pyrene	12.67	202	368201	15.090	ng	100
80) Benzo(a)anthracene	13.86	228	183421	9.440	ng	97
82) Chrysene	13.90	228	177737	9.008	ng	98
83) Bis(2-ethylhexyl)phthalate	13.84	149	49849	3.055	ng	100
85) Indeno(1,2,3-cd)pyrene	16.70	276	99904	6.131	ng	99
87) Benzo(b)fluoranthene	14.89	252	248078m	11.481	ng	
88) Benzo(k)fluoranthene	14.92	252	68955m	3.378	ng	
89) Benzo(a)pyrene	15.24	252	175936	9.028	ng	# 93
91) Benzo(a,h,i)perylene	17.12	276	94933	6.090	ng	# 86

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



#1

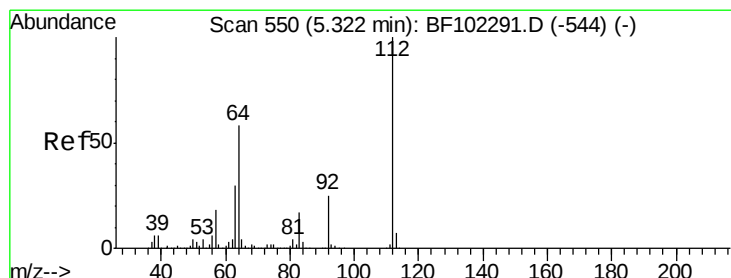
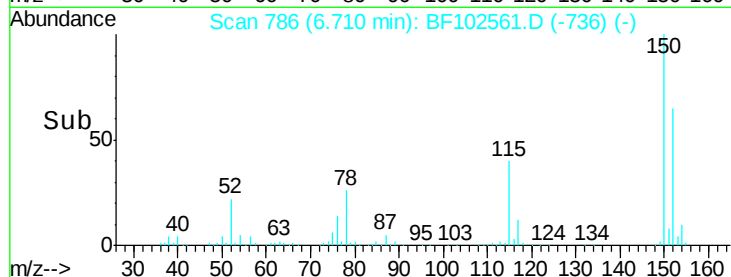
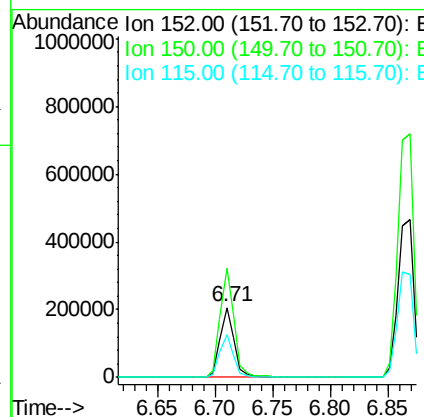
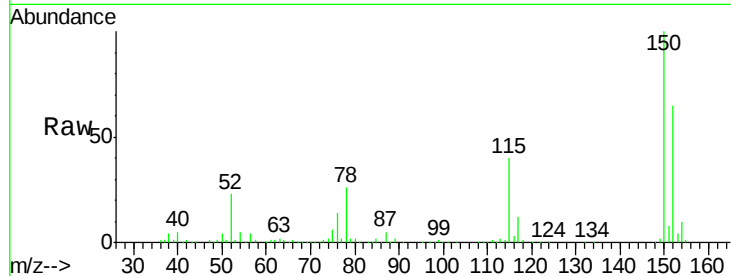
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102561.D
Acq: 28 Jan 2018 17:00

Instrument :
BNA_F
ClientSampled :
SB-48-0-2.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	61.2	50.1	75.1

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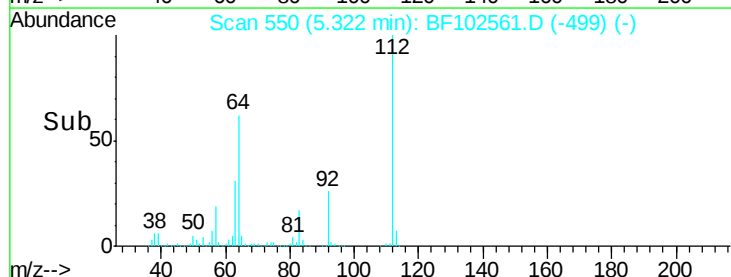
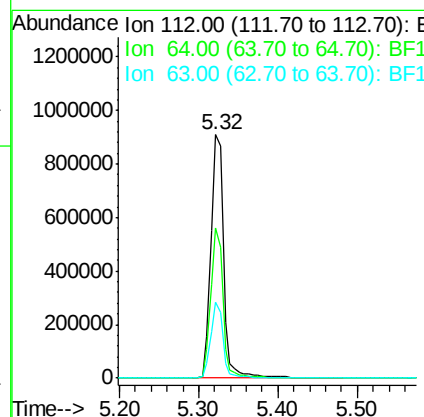
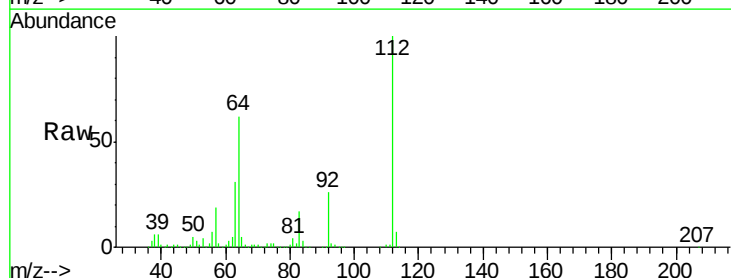
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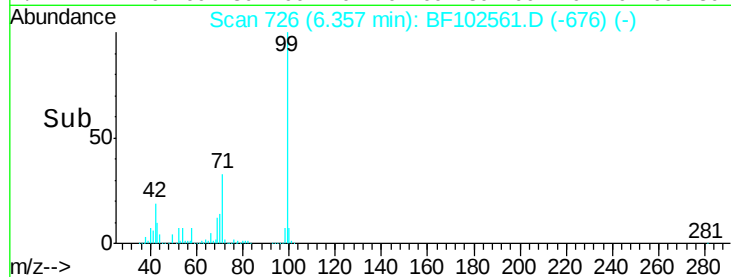
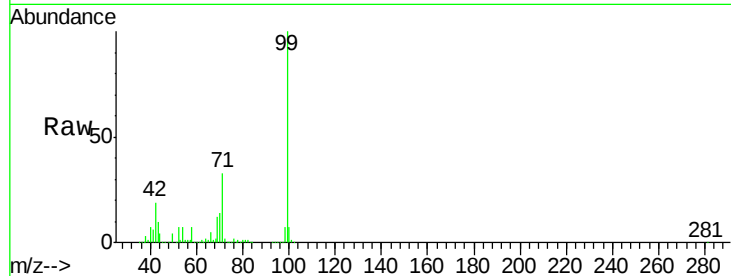
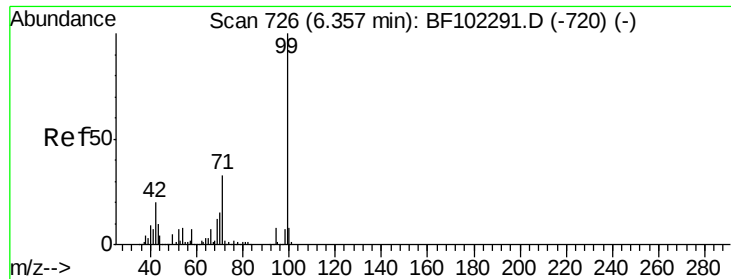


#5

2-Fluorophenol
Concen: 90.247 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF102561.D
Acq: 28 Jan 2018 17:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.9	71.9
63	31.2	23.7	35.5





#7

Phenol-d6

Concen: 93.780 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102561.D

Acq: 28 Jan 2018 17:00

Tot Ion: 99 Resp: 1295453

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

71 32.9 25.4 38.0

Instrument :

BNA_F

ClientSampled :

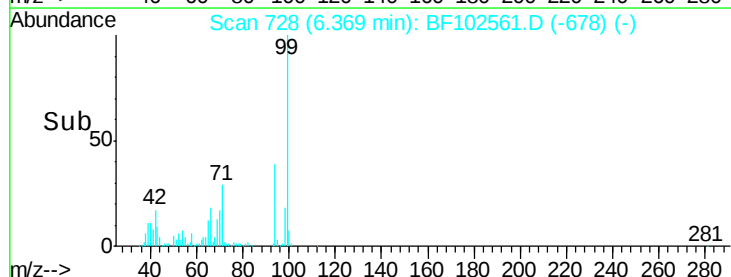
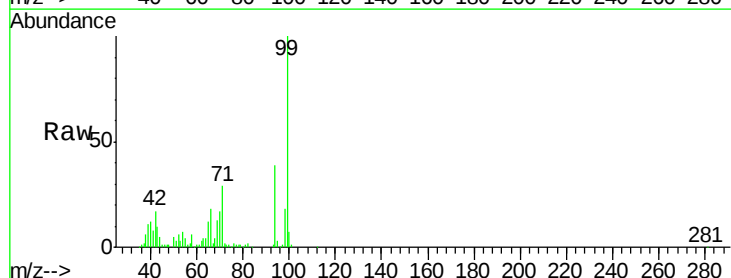
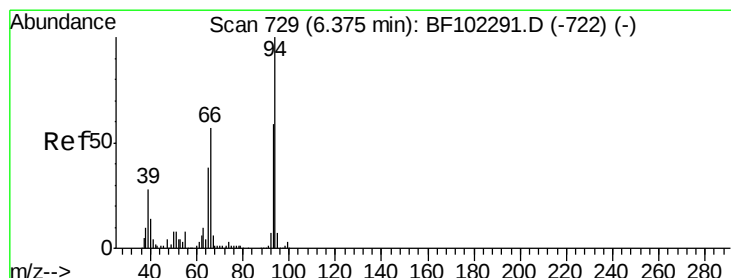
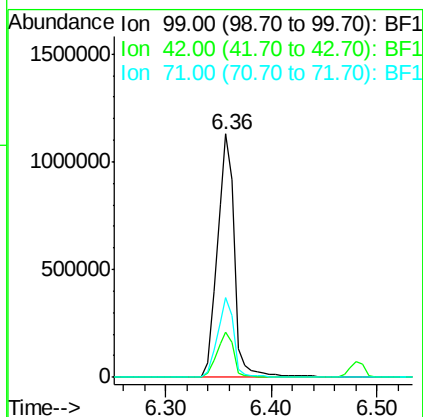
SB-48-0-2.0

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#10

Phenol

Concen: 2.565 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102561.D

Acq: 28 Jan 2018 17:00

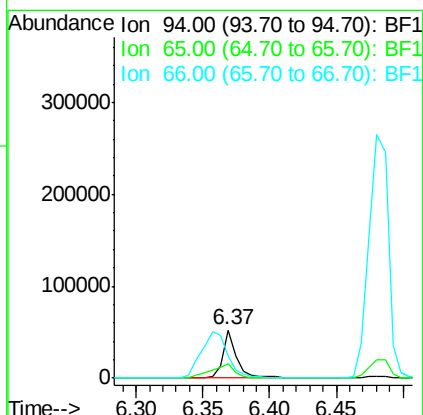
Tgt Ion: 94 Resp: 38687

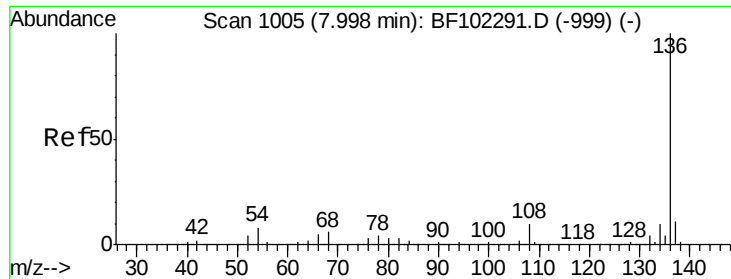
Ion Ratio Lower Upper

94 100

65 30.5 7.9 47.9

66 47.6 16.2 56.2





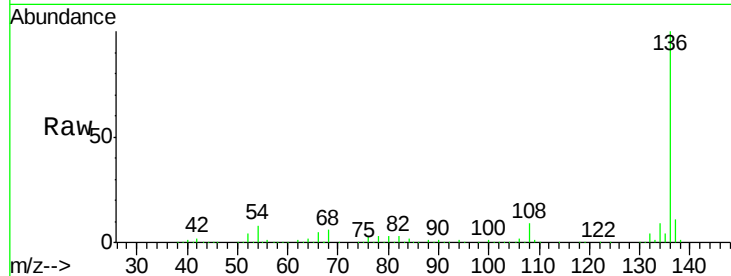
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102561.D
Acq: 28 Jan 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-48-0-2.0

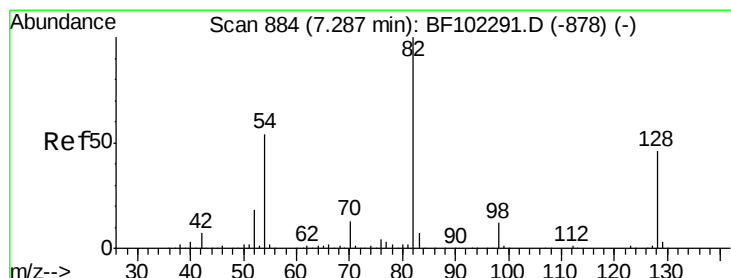
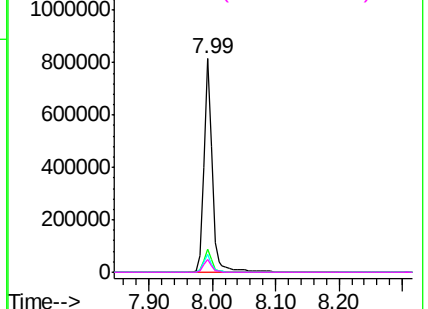
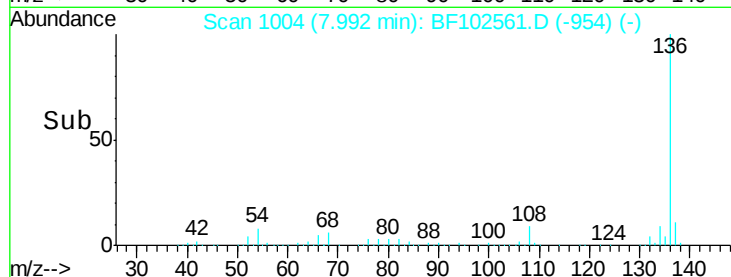
Tot Ion	Ratio	Resp	Lower	Upper
136	100	733603		
137	10.9		8.9	13.3
54	8.5		6.6	9.8
68	5.9		5.0	7.4

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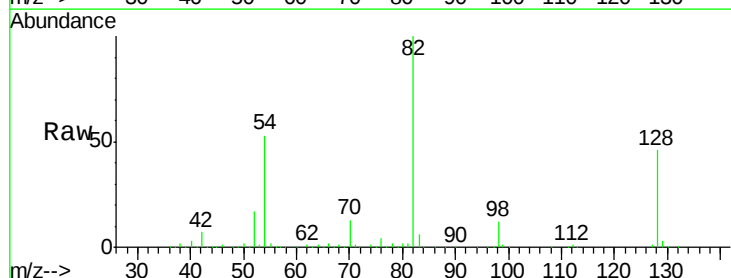


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

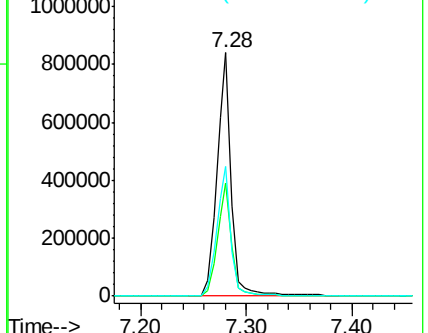
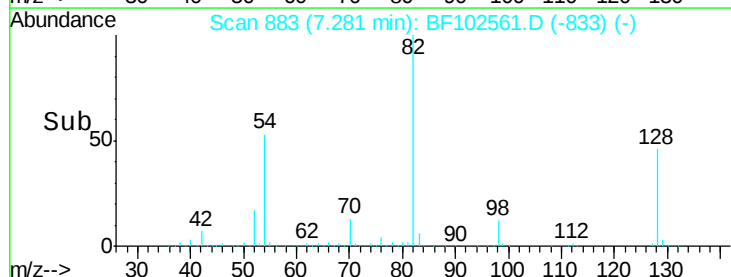


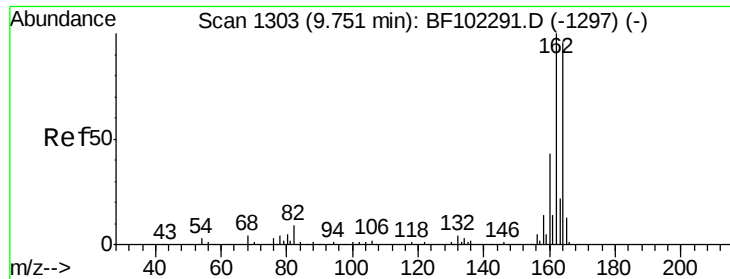
#23
Nitrobenzene-d5
Concen: 63.271 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102561.D
Acq: 28 Jan 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	807698		
128	46.2		36.1	54.1
54	53.2		41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





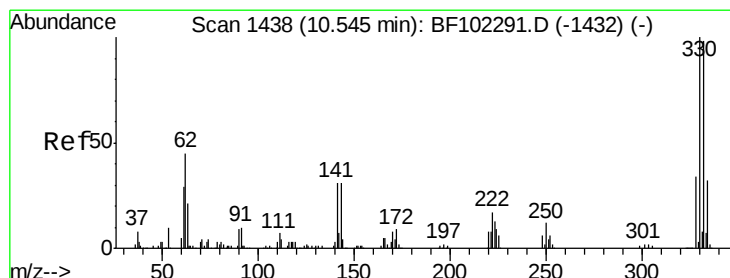
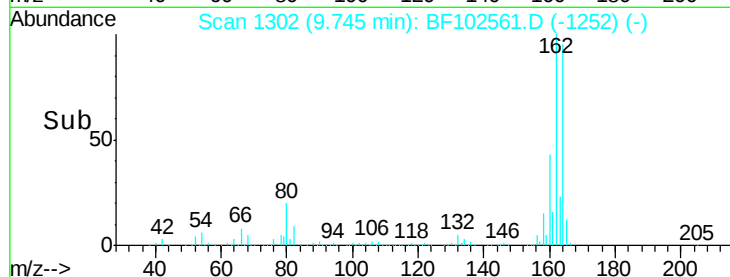
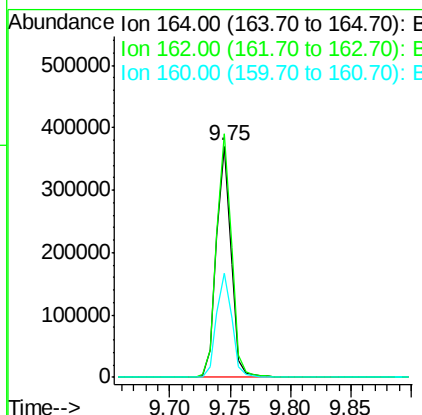
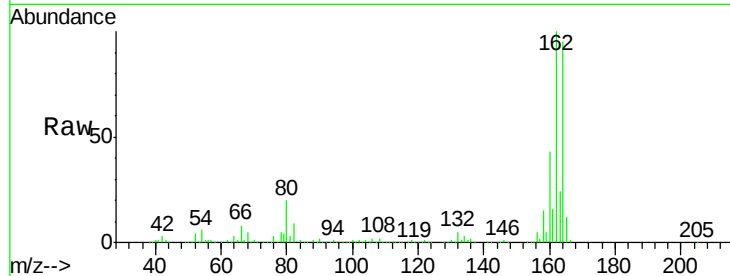
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102561.D
 Acq: 28 Jan 2018 17:00

Instrument :
 BNA_F
 ClientSampled :
 SB-48-0-2.0

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.3	86.1	129.1	
160	45.0	38.3	57.5	

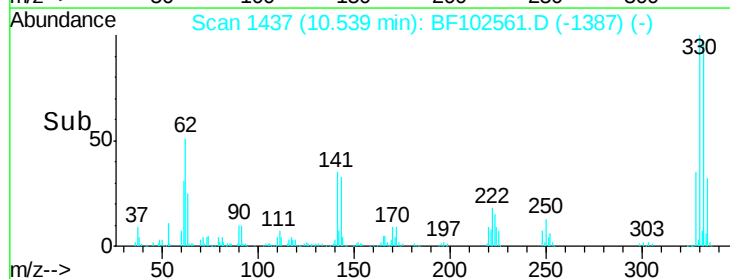
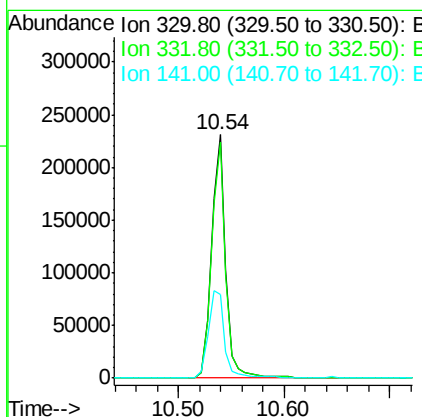
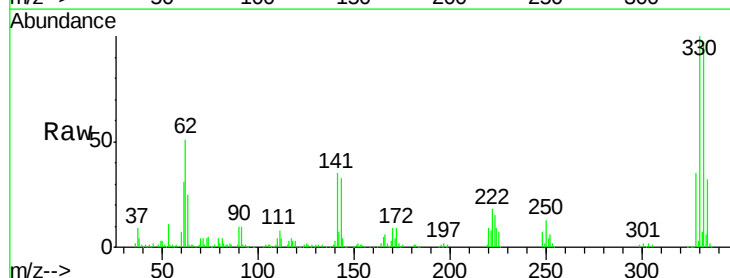
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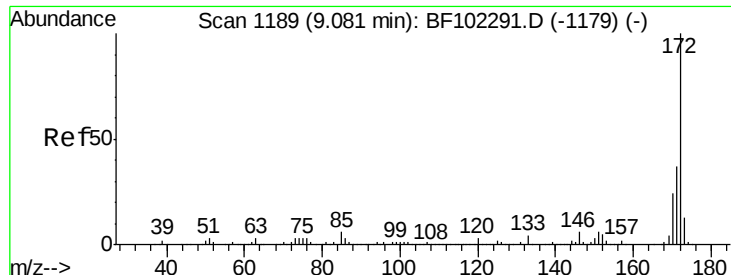
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#41
 2,4,6-Tribromophenol
 Concen: 71.567 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102561.D
 Acq: 28 Jan 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	77.0	115.6	
141	40.9	29.9	44.9	





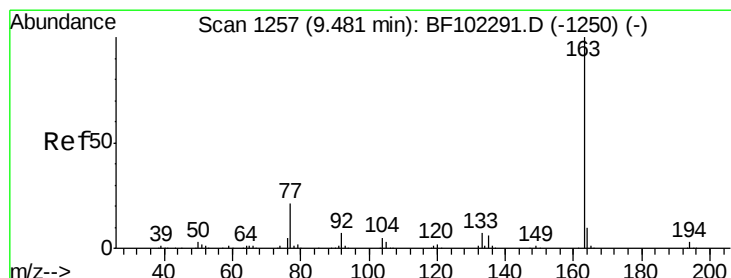
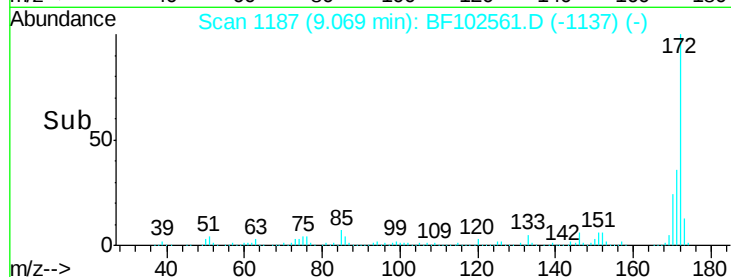
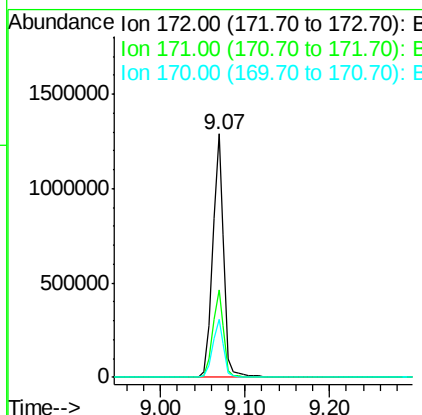
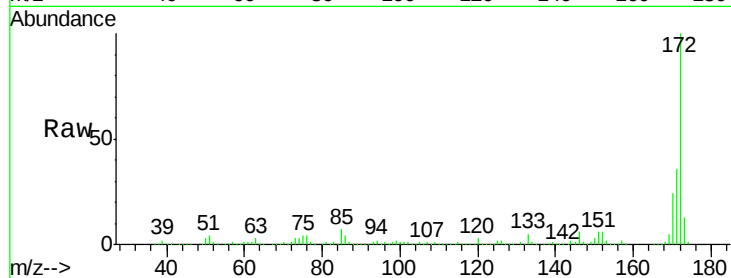
#44
2-Fluorobiphenyl
Concen: 57.411 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102561.D
Acq: 28 Jan 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-48-0-2.0

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4

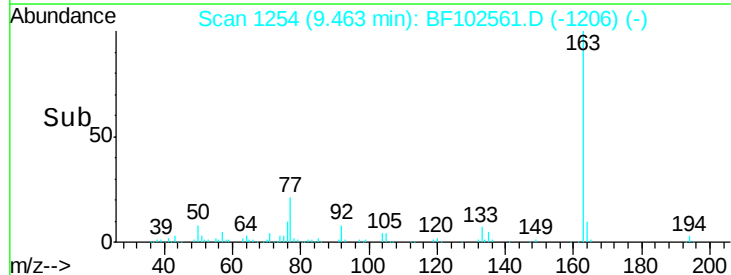
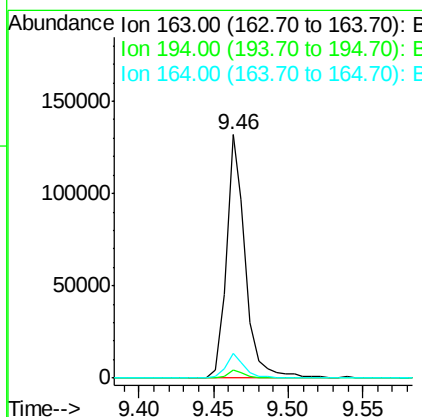
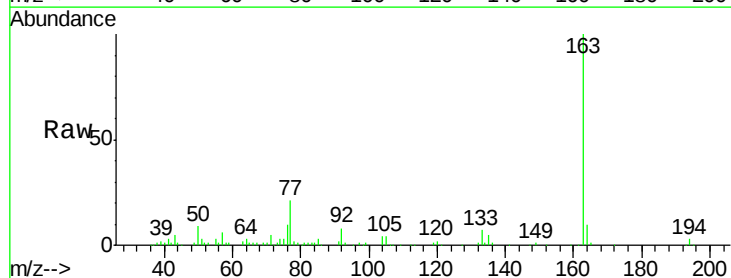
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#49
Dimethylphthalate
Concen: 4.598 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF102561.D
Acq: 28 Jan 2018 17:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.0	8.2	12.2





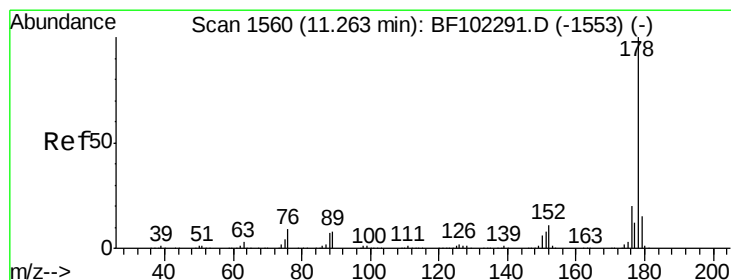
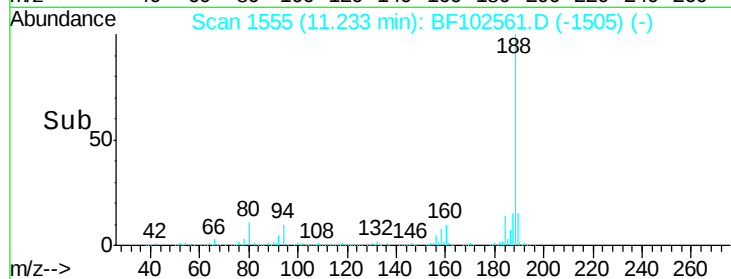
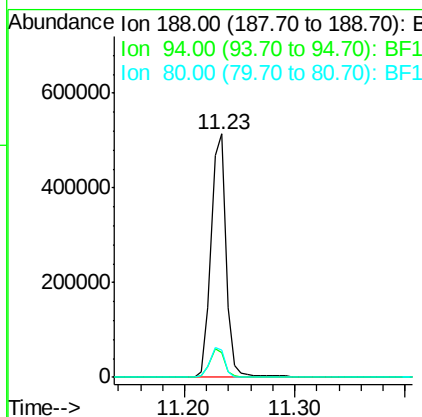
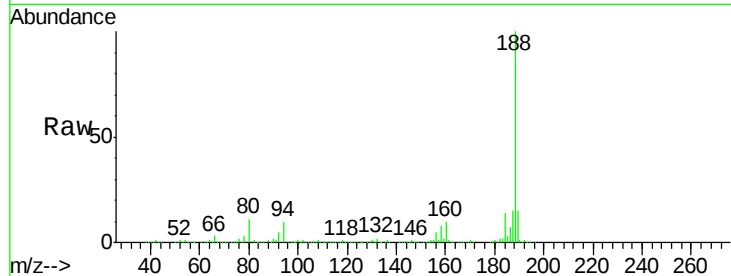
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Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102561.D
Acq: 28 Jan 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-48-0-2.0

Tot Ion	Ratio	Resp	Lower	Upper
188	100	477353		
94	10.1		8.5	12.7
80	11.0		9.2	13.8

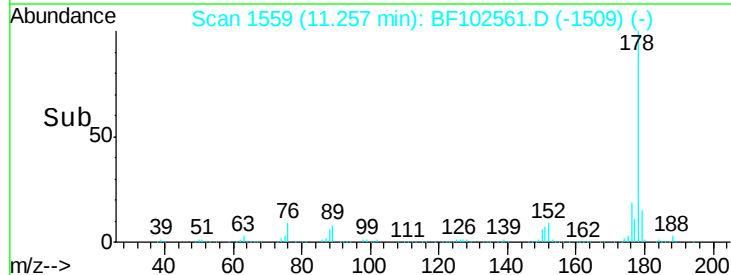
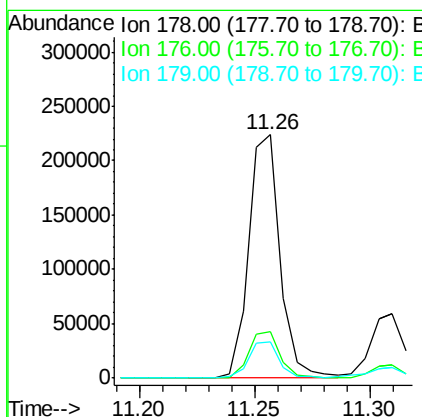
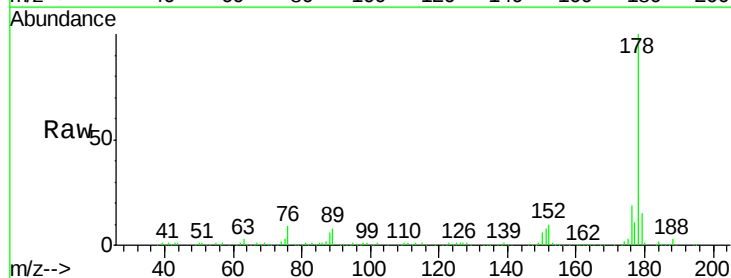
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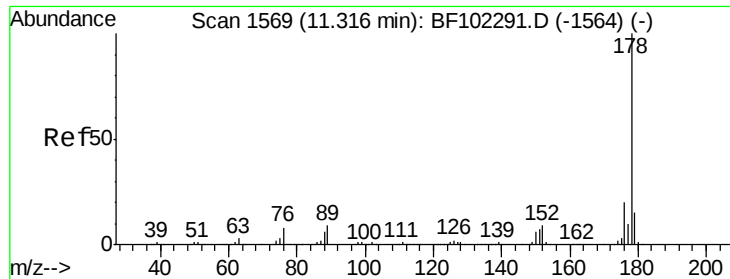
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#70
Phenanthrene
Concen: 7.668 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102561.D
Acq: 28 Jan 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	213293		
176	18.9		15.8	23.8
179	14.8		13.0	19.6





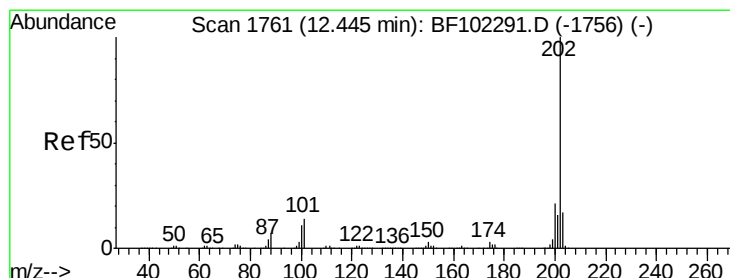
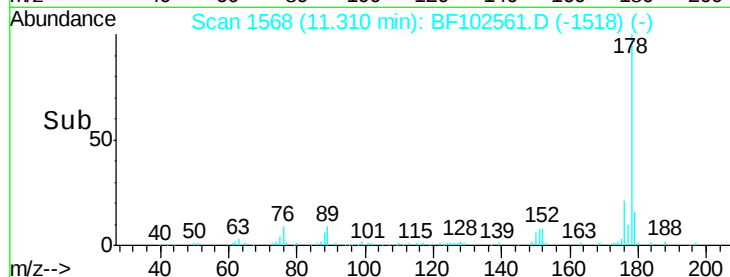
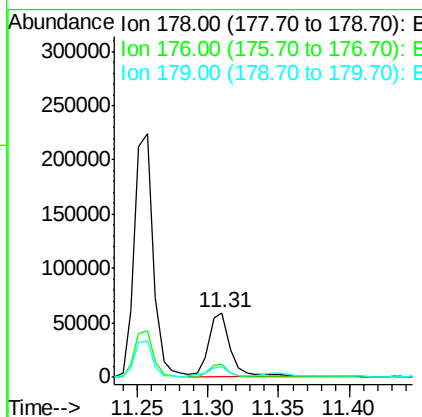
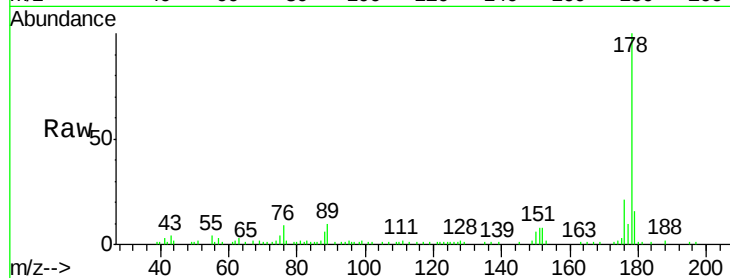
#71
 Anthracene
 Concen: 2.246 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF102561.D
 Acq: 28 Jan 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-48-0-2.0

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.7	15.4	23.2	
179	16.0	12.6	19.0	

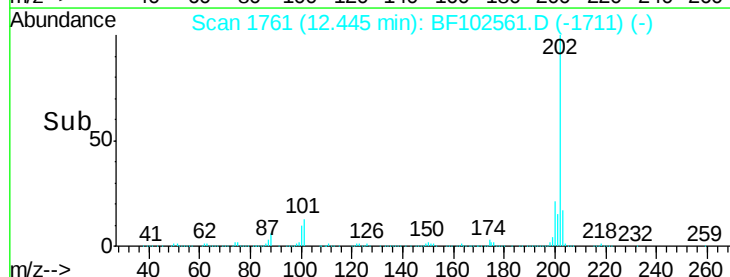
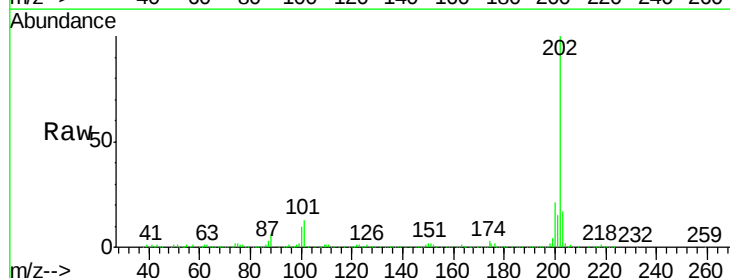
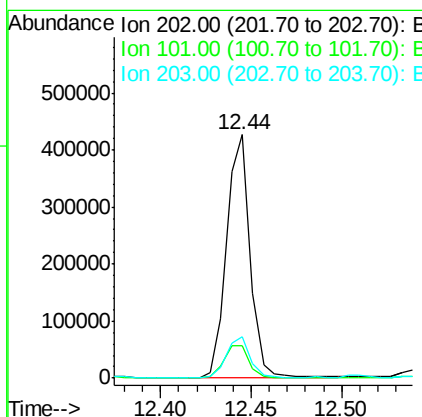
Manual Integrations
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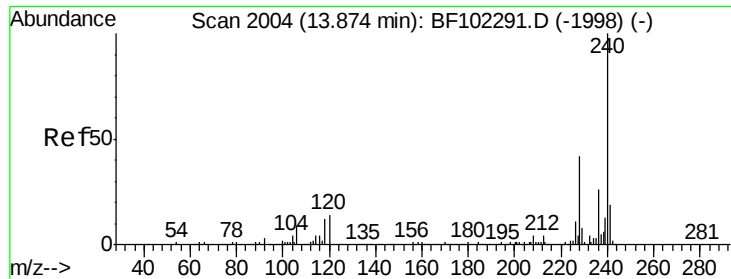
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#74
 Fluoranthene
 Concen: 13.590 ng
 RT: 12.44 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BF102561.D
 Acq: 28 Jan 2018 17:00

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
101	13.4	0.0	34.1	
203	17.1	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102561.D

Acq: 28 Jan 2018 17:00

Instrument :

BNA_F

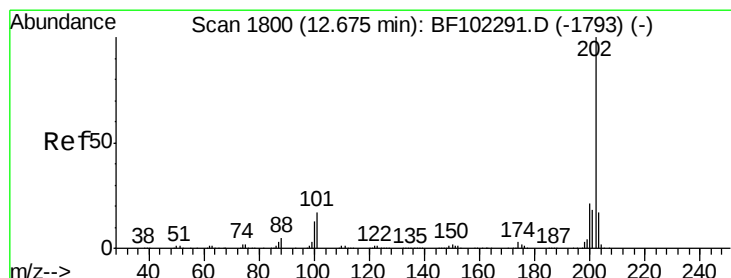
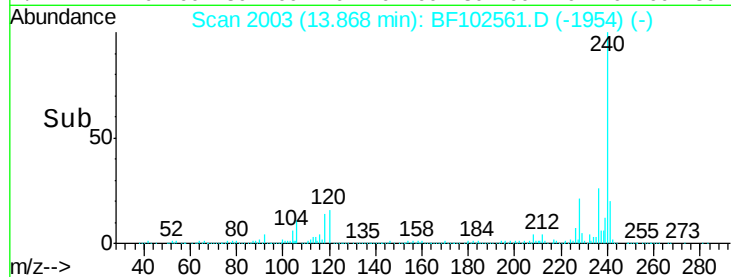
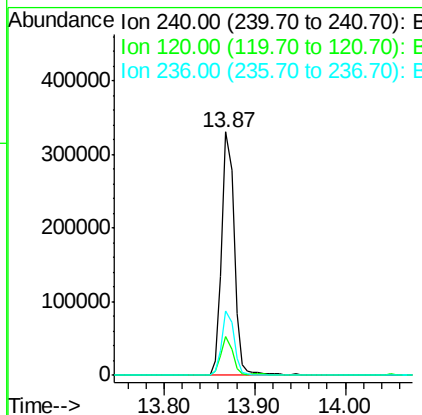
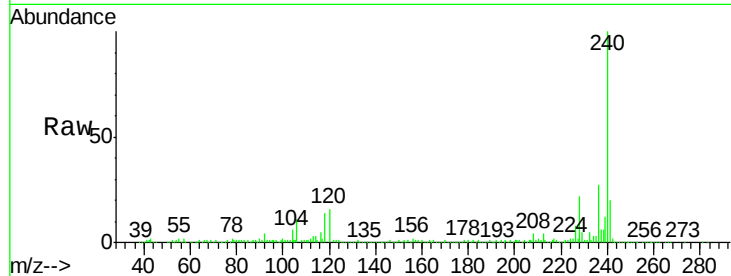
ClientSampleId :

SB-48-0-2.0

Tot Ion	Ratio	Resp	Lower	Upper
240	100	315593		
120	16.2	9.5	14.3#	
236	26.5	20.7	31.1	

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#77

Pyrene

Concen: 15.090 ng

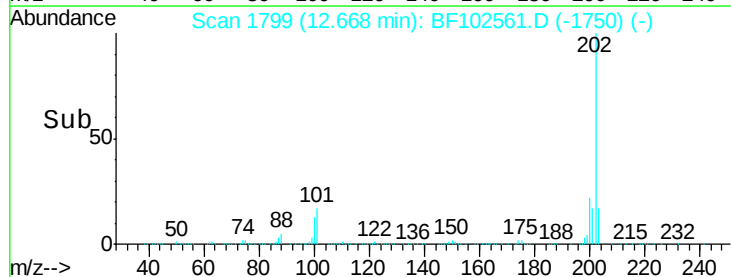
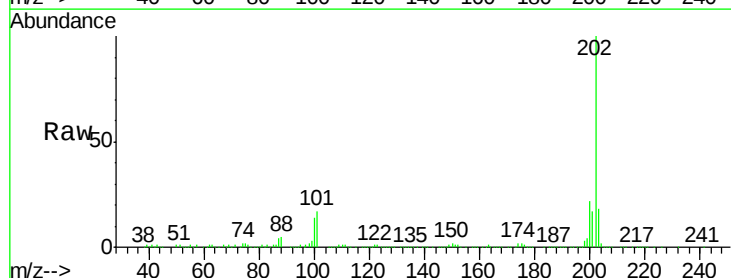
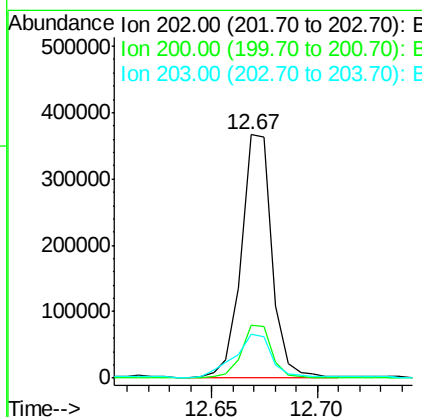
RT: 12.67 min Scan# 1799

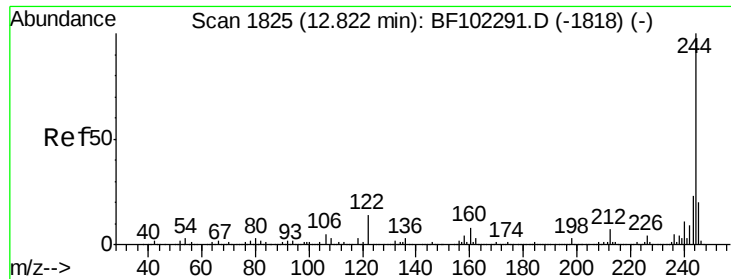
Delta R.T. -0.01 min

Lab File: BF102561.D

Acq: 28 Jan 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	368201		
200	21.9	17.4	26.2	
203	18.2	14.3	21.5	





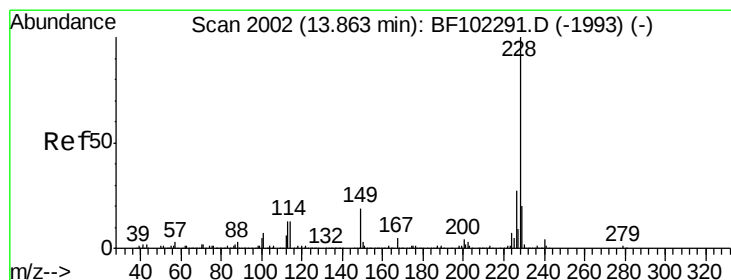
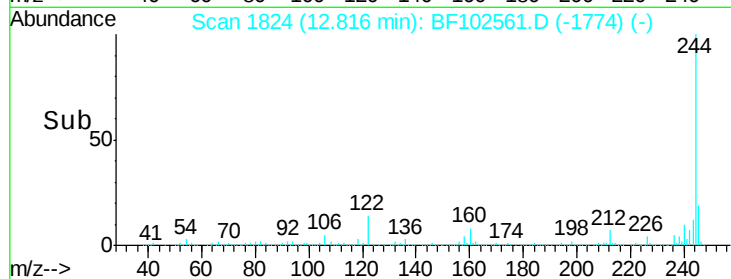
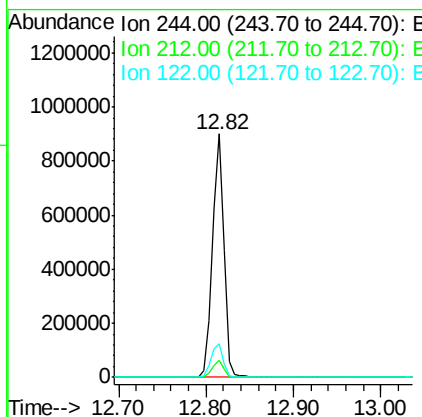
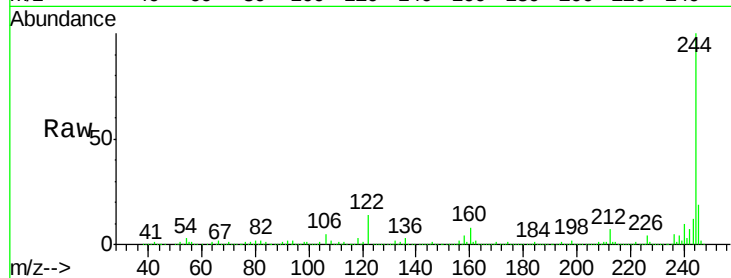
#78
 Terphenyl-d14
 Concen: 58.852 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF102561.D
 Acq: 28 Jan 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-48-0-2.0

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.9	11.0	16.4

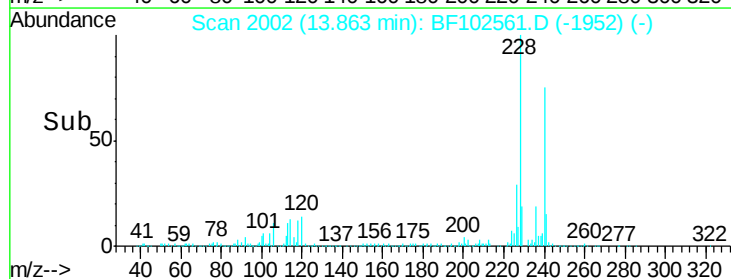
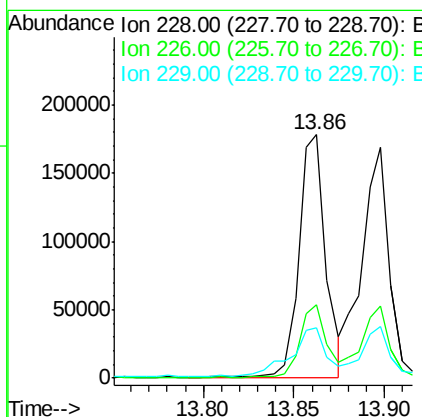
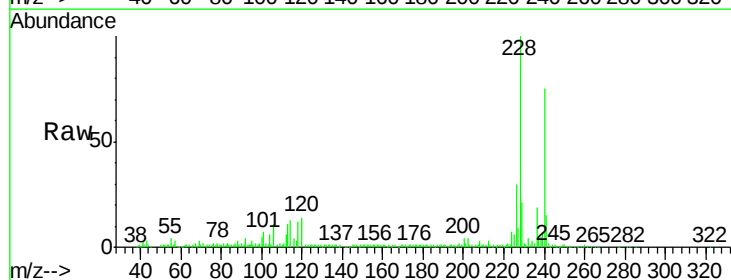
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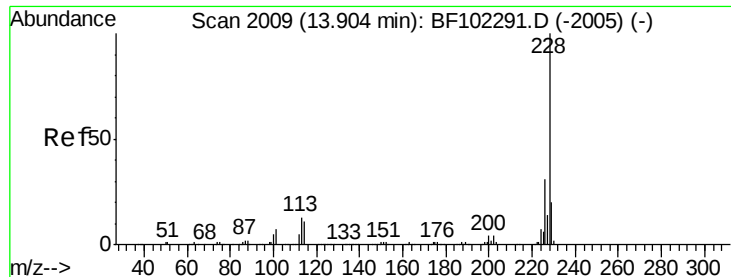
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#80
 Benzo(a)anthracene
 Concen: 9.440 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF102561.D
 Acq: 28 Jan 2018 17:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	33.8
229	20.7	15.8	23.6





#82

Chrysene

Concen: 9.008 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF102561.D

Acq: 28 Jan 2018 17:00

Instrument :

BNA_F

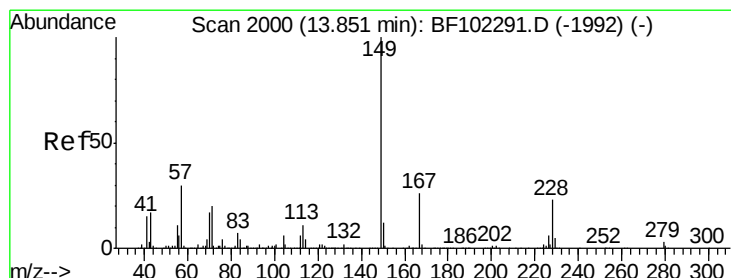
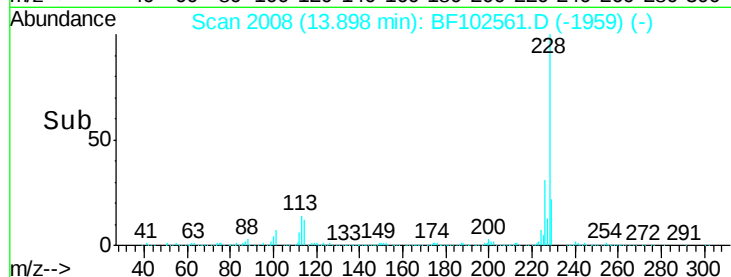
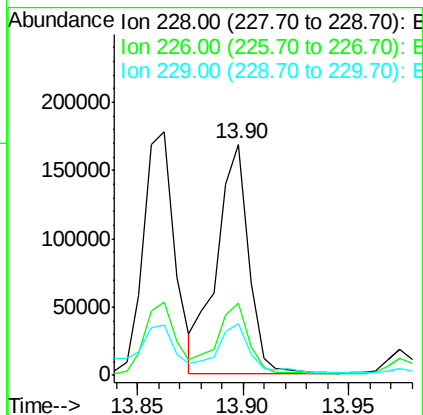
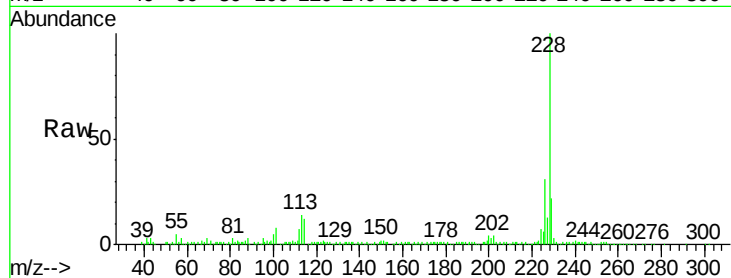
ClientSampleId :

SB-48-0-2.0

Tot Ion:	228	Resp:	177737
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.0	37.6
229	22.5	16.2	24.4

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 3.055 ng

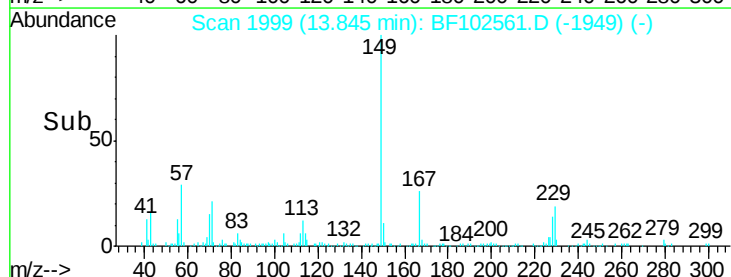
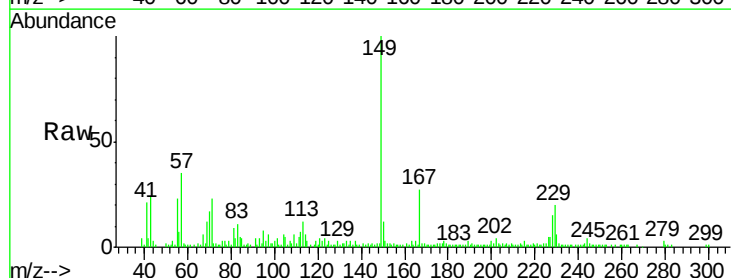
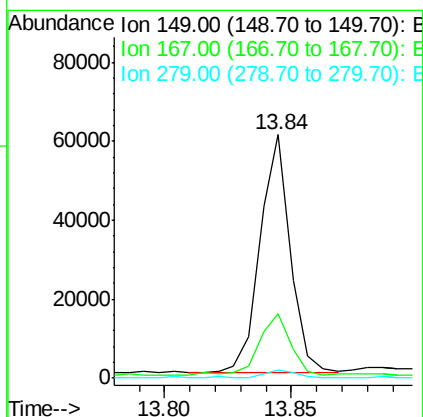
RT: 13.84 min Scan# 1999

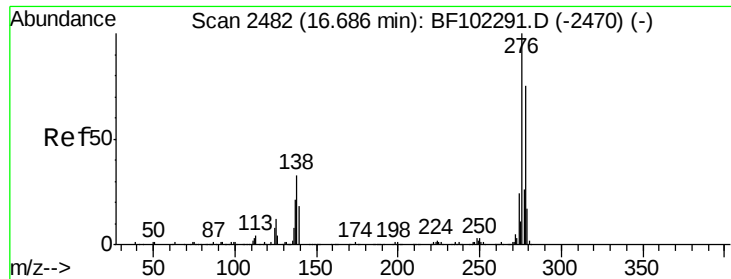
Delta R.T. -0.01 min

Lab File: BF102561.D

Acq: 28 Jan 2018 17:00

Tgt Ion:	149	Resp:	49849
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.3	31.9
279	3.1	3.0	4.4





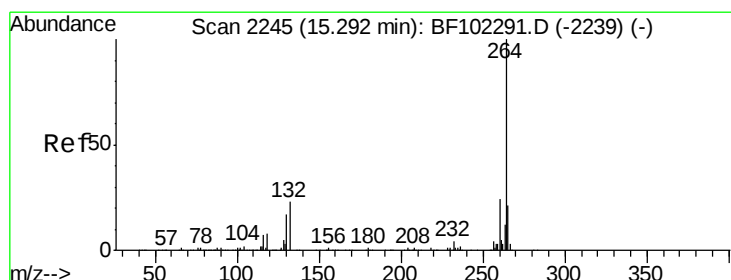
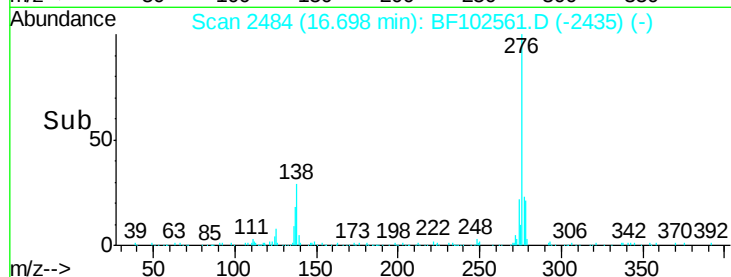
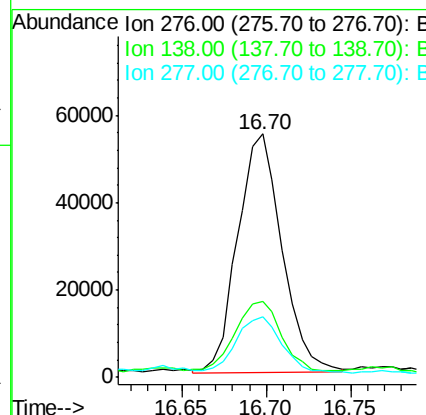
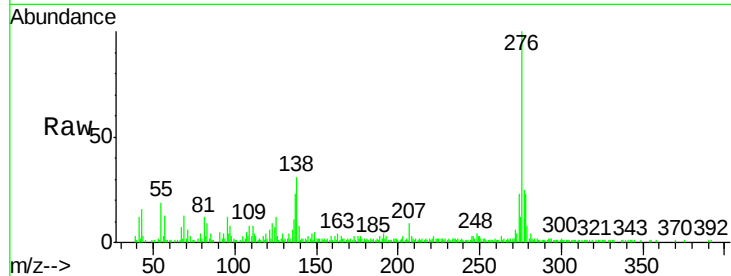
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.131 ng
RT: 16.70 min Scan# 2484
Delta R.T. -0.01 min
Lab File: BF102561.D
Acq: 28 Jan 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-48-0-2.0

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.7	25.0	37.6
277	24.5	20.1	30.1

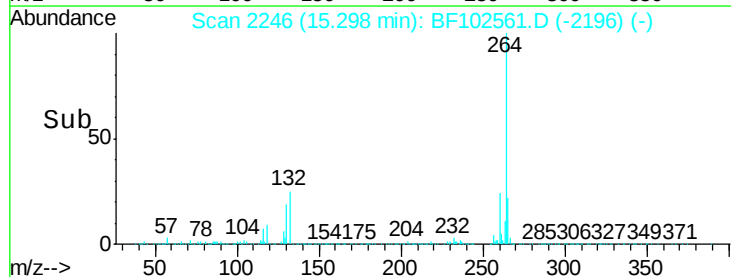
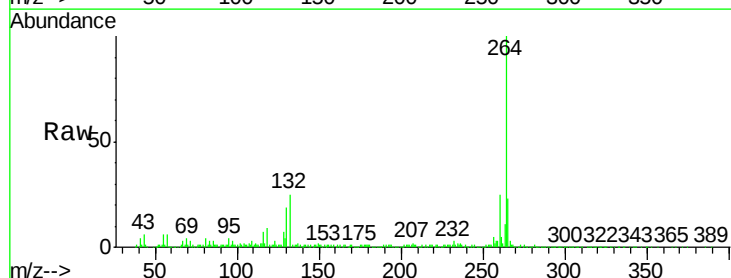
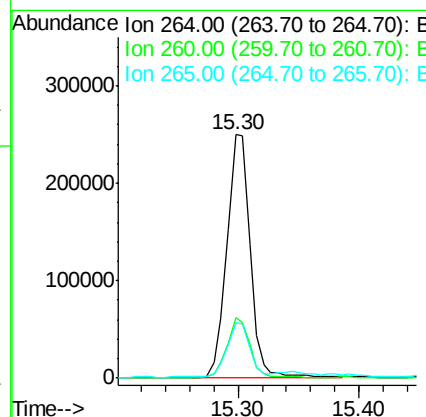
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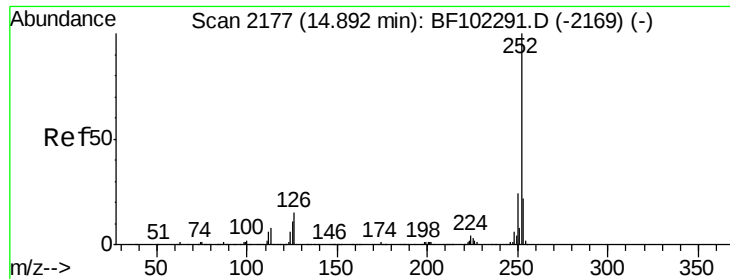
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF102561.D
Acq: 28 Jan 2018 17:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.6	17.5	26.3





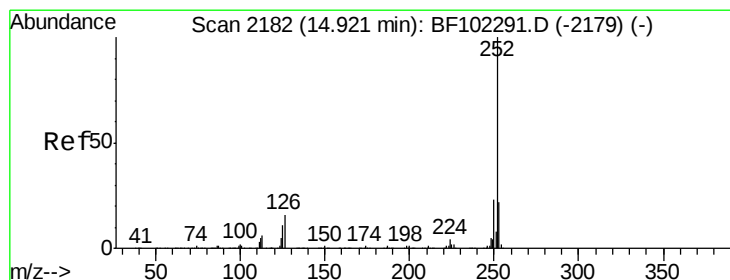
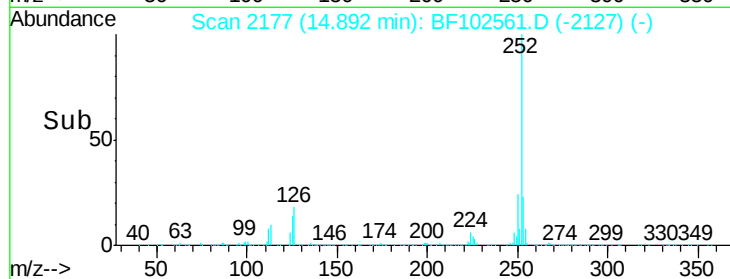
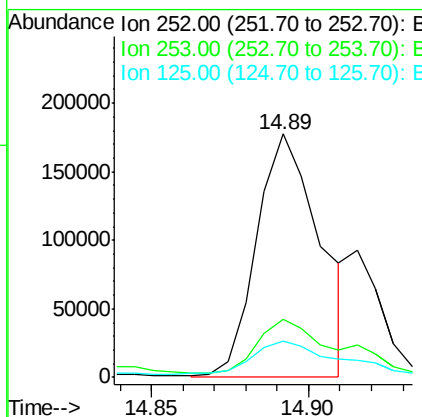
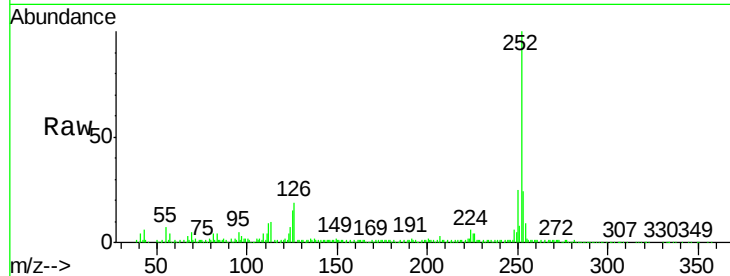
#87
Benzo(b)fluoranthene
Concen: 11.481 ng m
RT: 14.89 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF102561.D
Acq: 28 Jan 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-48-0-2.0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	15.1	9.0	13.6

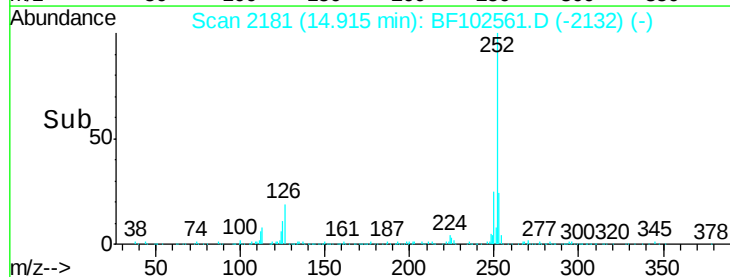
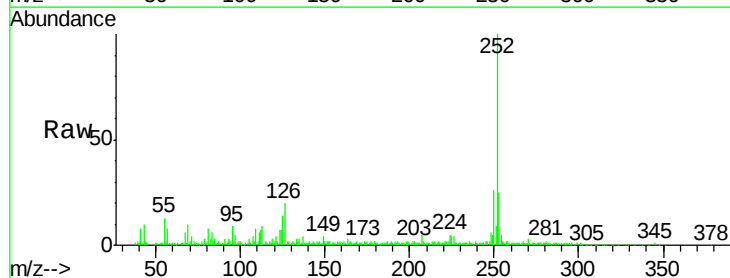
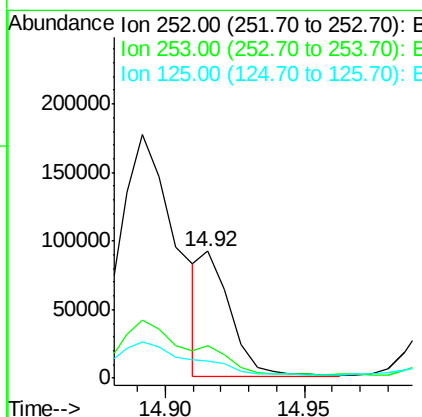
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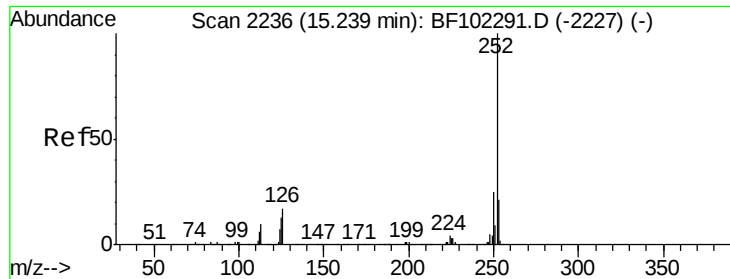
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#88
Benzo(k)fluoranthene
Concen: 3.378 ng m
RT: 14.92 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF102561.D
Acq: 28 Jan 2018 17:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.9	26.9
125	13.7	10.2	15.2





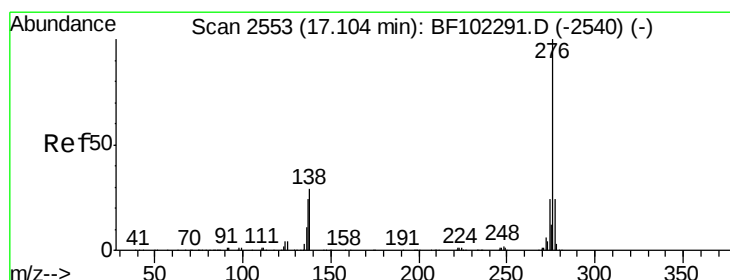
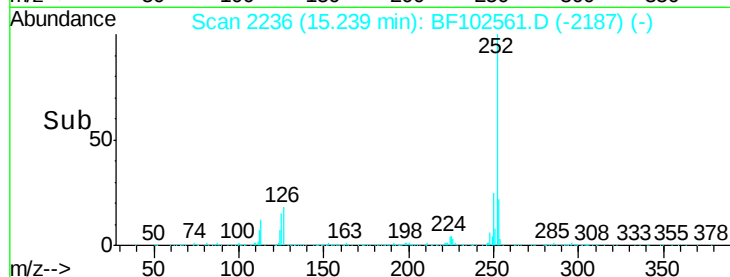
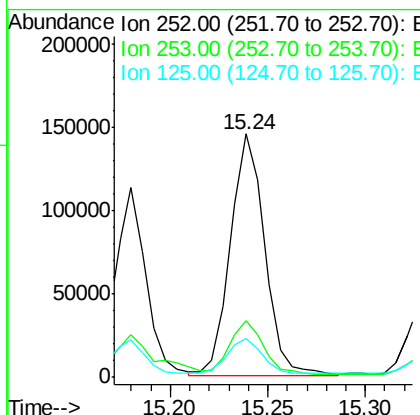
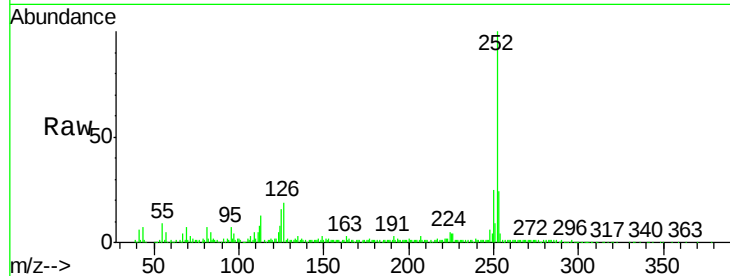
#89
Benzo(a)pyrene
Concen: 9.028 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF102561.D
Acq: 28 Jan 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SB-48-0-2.0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	16.1	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 6.090 ng
RT: 17.12 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BF102561.D
Acq: 28 Jan 2018 17:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.5	17.9	26.9
138	35.2	21.8	32.8

