

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
 Data File : BF102603.D
 Acq On : 29 Jan 2018 18:07
 Operator : SJ/JU
 Sample : J1257-09 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-15(0-5)

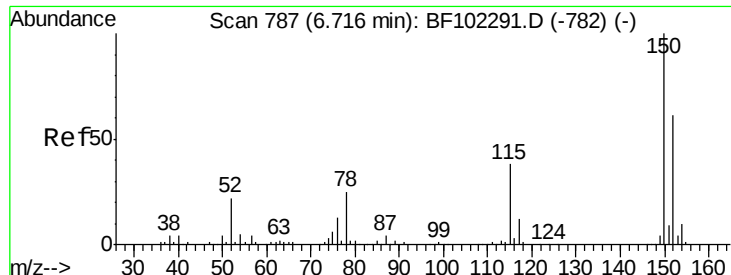
Manual Integrations
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Quant Time: Jan 30 01:34:14 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	174605	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	734892	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	330891	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	570087	20.00	ng	0.00
75) Chrysene-d12	13.88	240	386017	20.00	ng	0.00
86) Perylene-d12	15.32	264	316461	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	595064	51.68	ng	0.00
7) Phenol-d6	6.36	99	729040	52.51	ng	0.00
23) Nitrobenzene-d5	7.28	82	440590	34.45	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	144580	44.10	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	680989	30.26	ng	0.00
78) Terphenyl-d14	12.82	244	625991	36.56	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	132159	4.832	ng	99
70) Phenanthrene	11.26	178	238415	7.177	ng	97
74) Fluoranthene	12.45	202	499949	14.758	ng	100
77) Pyrene	12.68	202	445190	14.917	ng	99
80) Benzo(a)anthracene	13.87	228	192209	8.088	ng	99
82) Chrysene	13.90	228	171888	7.122	ng	97
85) Indeno(1,2,3-cd)pyrene	16.72	276	94022	4.717	ng	98
87) Benzo(b)fluoranthene	14.90	252	194803m	9.497	ng	
88) Benzo(k)fluoranthene	14.93	252	56166m	2.898	ng	
89) Benzo(a)pyrene	15.25	252	137294	7.422	ng	# 94
91) Benzo(g,h,i)perylene	17.14	276	94787	6.406	ng	93

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



#1

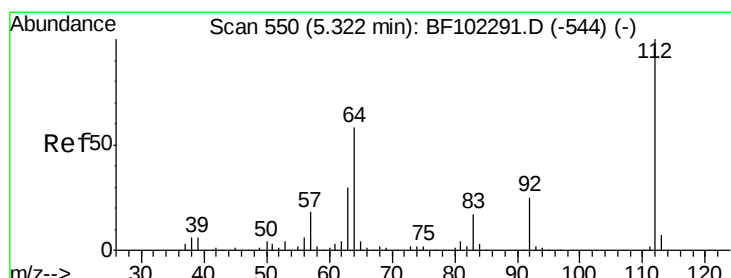
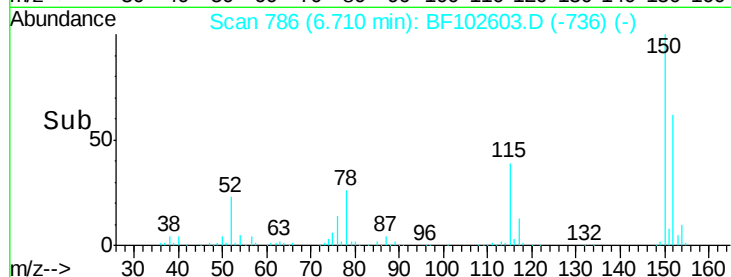
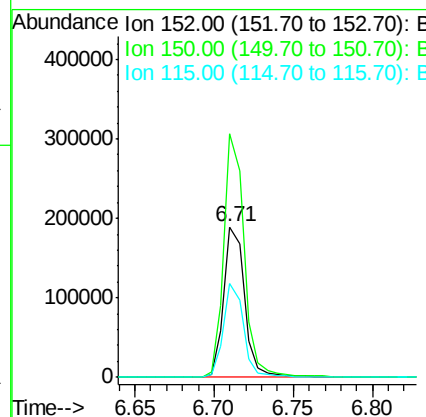
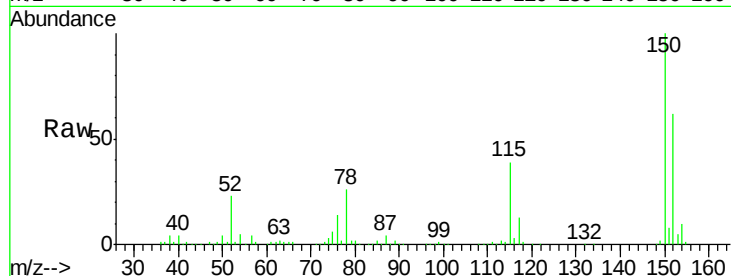
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102603.D
 Acq: 29 Jan 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 WC-15(0-5)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.6	124.6	186.8
115	62.6	50.1	75.1

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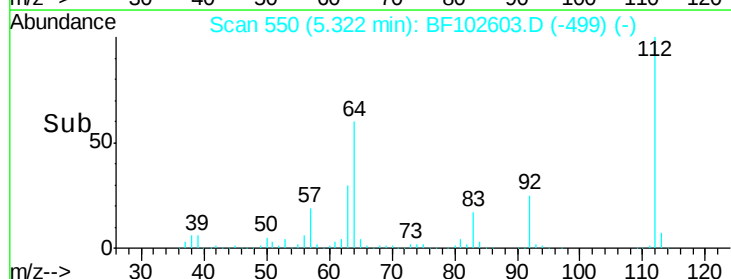
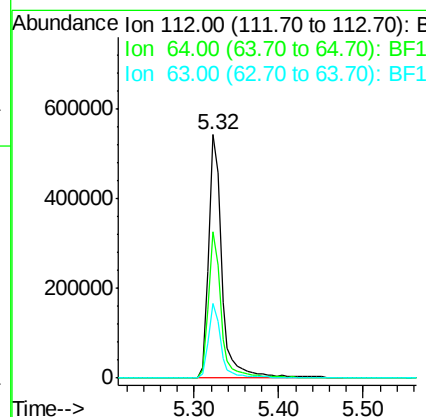
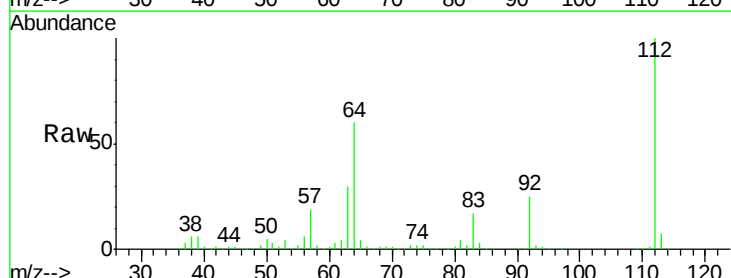
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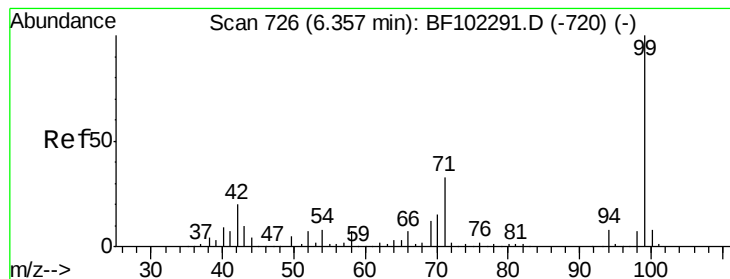


#5

2-Fluorophenol
 Concen: 51.675 ng
 RT: 5.32 min Scan# 550
 Delta R.T. -0.00 min
 Lab File: BF102603.D
 Acq: 29 Jan 2018 18:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	30.4	23.7	35.5





#7

Phenol-d6

Concen: 52.513 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102603.D

Acq: 29 Jan 2018 18:07

Instrument :

BNA_F

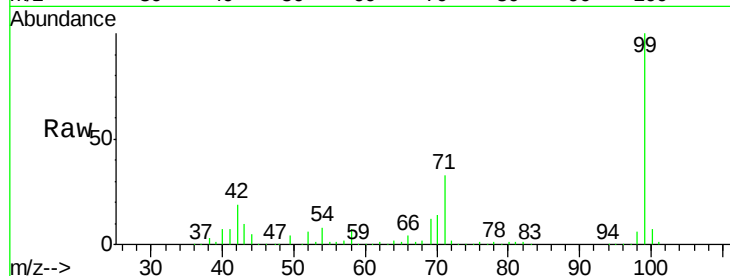
ClientSampleId :

WC-15(0-5)

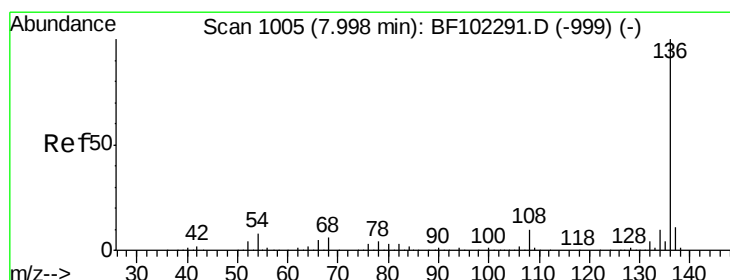
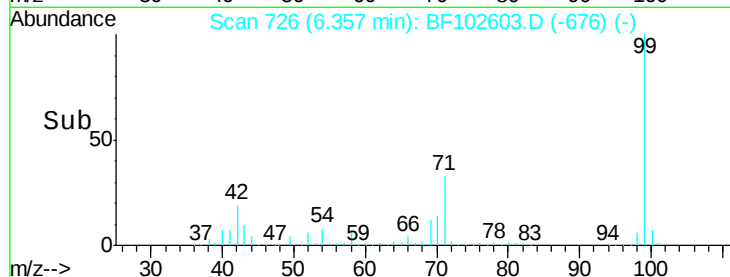
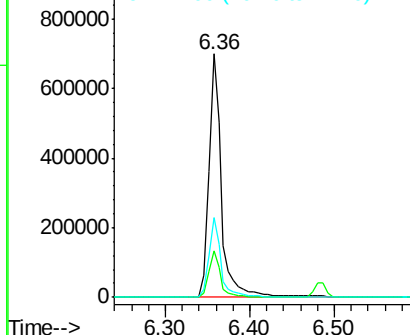
Tgt Ion:	99	Resp:	729040
Ion Ratio	Lower	Upper	
99	100		
42	19.2	14.5	21.7
71	32.5	25.4	38.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

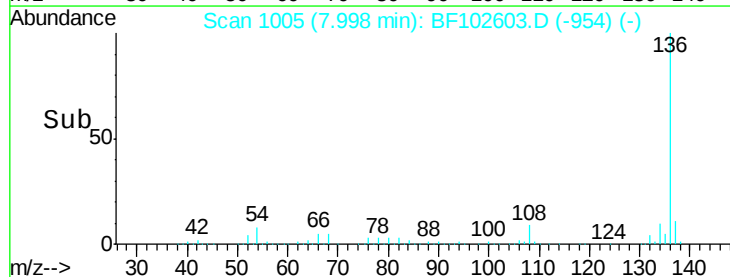
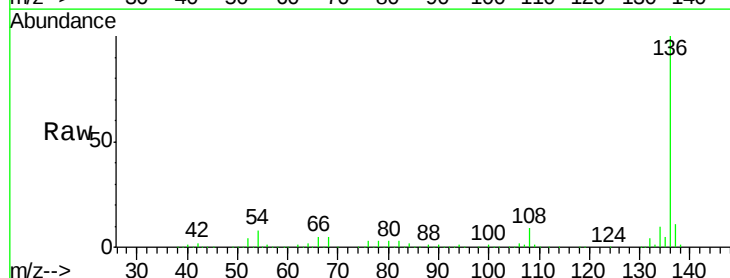
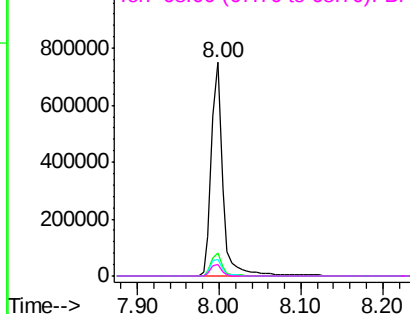
Delta R.T. 0.00 min

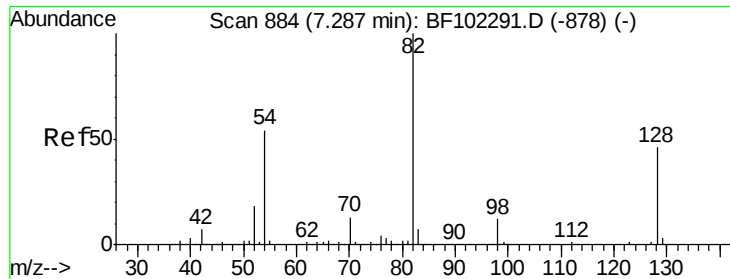
Lab File: BF102603.D

Acq: 29 Jan 2018 18:07

Tgt Ion:	136	Resp:	734892
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	7.7	6.6	9.8
68	5.2	5.0	7.4

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





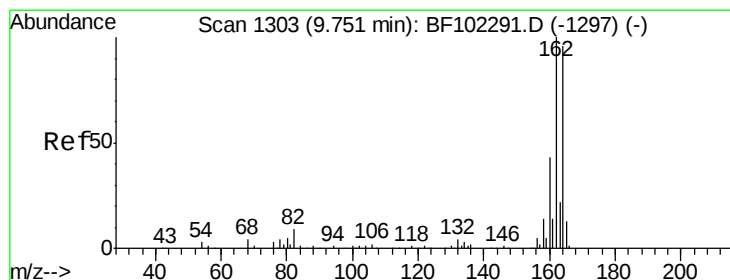
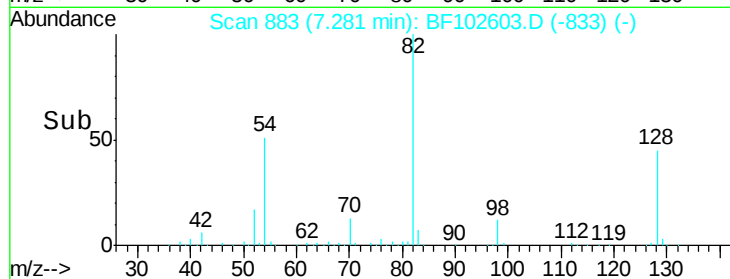
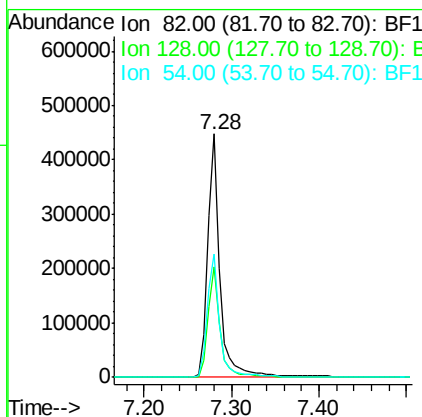
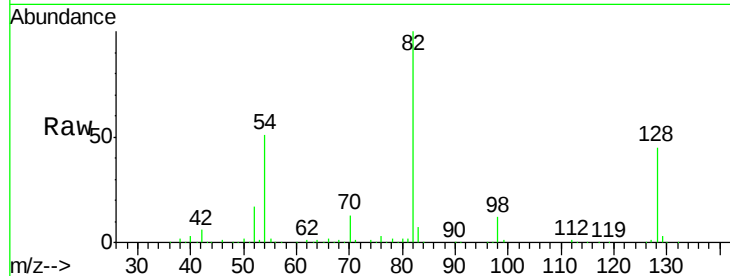
#23
 Nitrobenzene-d5
 Concen: 34.453 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102603.D
 Acq: 29 Jan 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 WC-15(0-5)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	50.7	41.4	62.2

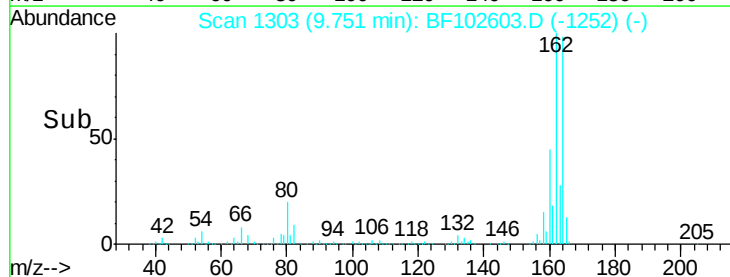
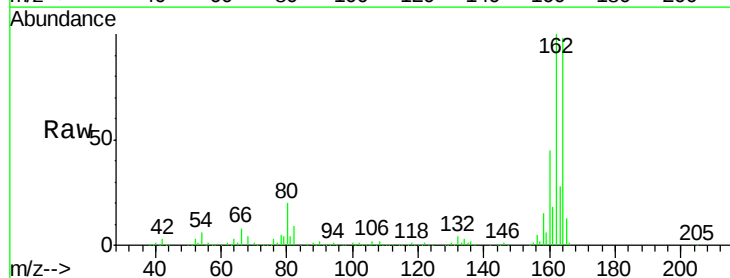
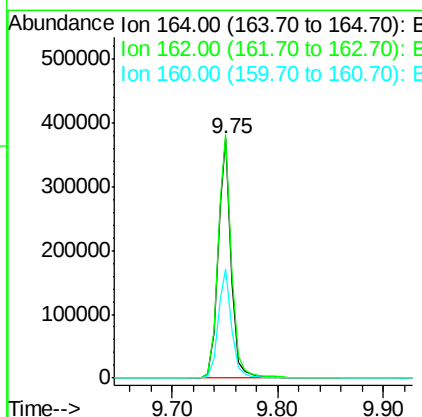
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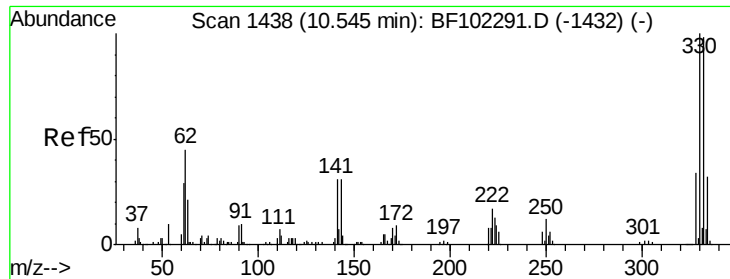
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF102603.D
 Acq: 29 Jan 2018 18:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	45.5	38.3	57.5





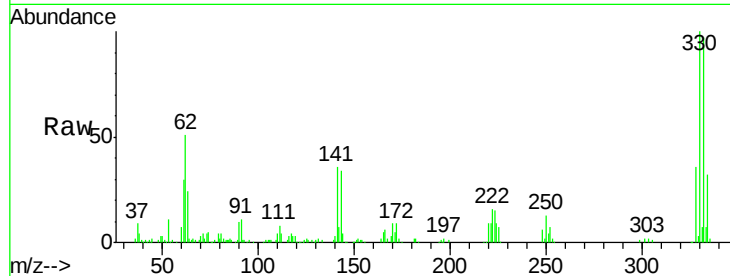
#41
 2,4,6-Tribromophenol
 Concen: 44.097 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102603.D
 Acq: 29 Jan 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 WC-15(0-5)

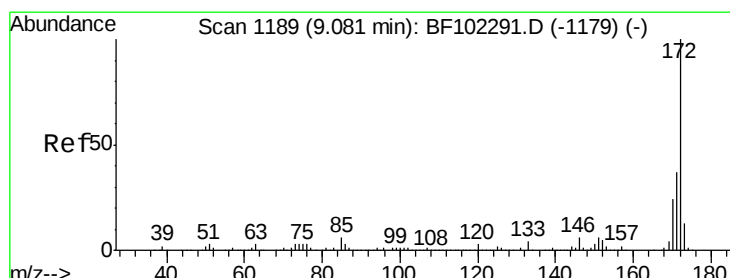
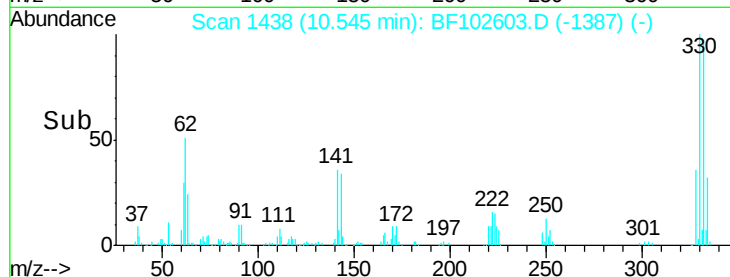
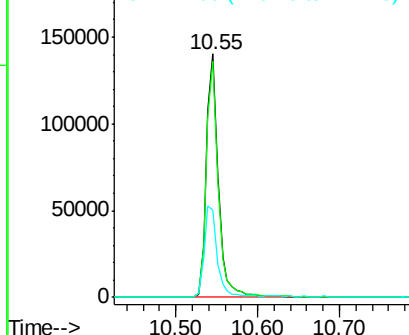
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	144580		
332	96.7	77.0	115.6	
141	41.0	29.9	44.9	

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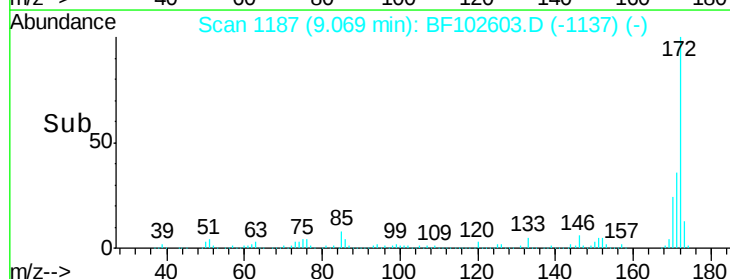
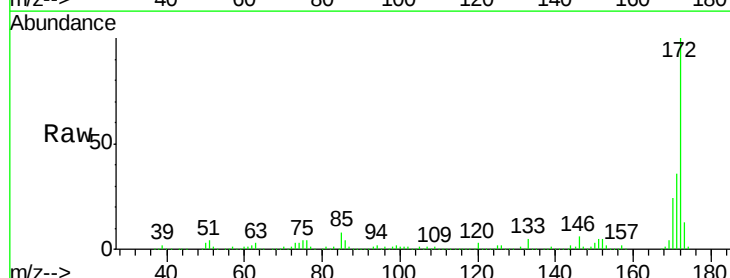
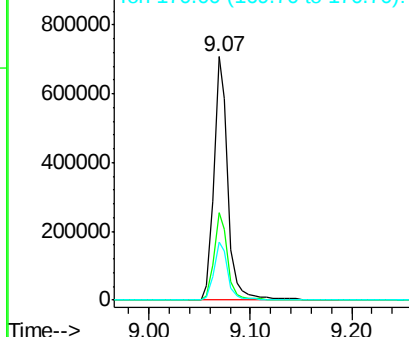
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

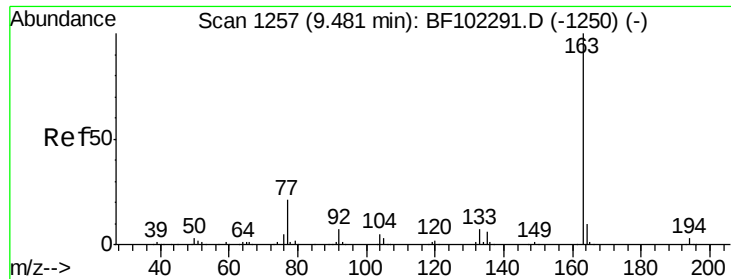


#44
 2-Fluorobiphenyl
 Concen: 30.261 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102603.D
 Acq: 29 Jan 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	680989		
171	36.1	29.7	44.5	
170	23.8	19.6	29.4	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





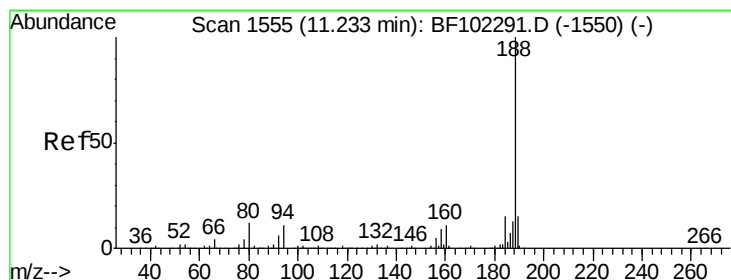
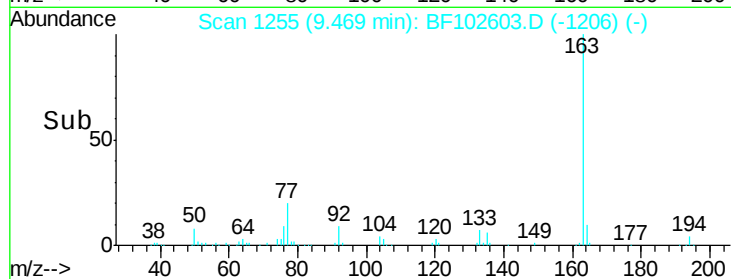
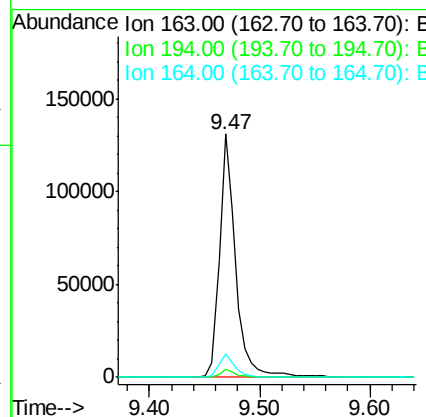
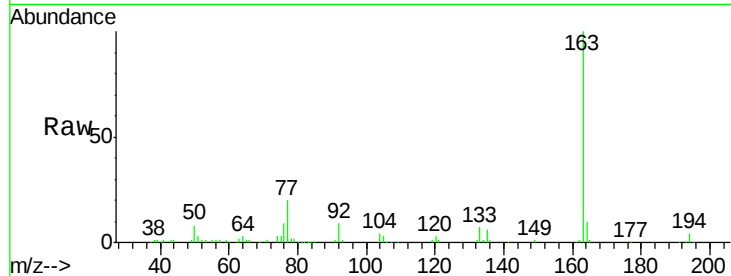
#49
Dimethylphthalate
Concen: 4.832 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102603.D
Acq: 29 Jan 2018 18:07

Instrument :
BNA_F
ClientSampleId :
WC-15(0-5)

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	2.7	4.1
164	9.5	8.2	12.2

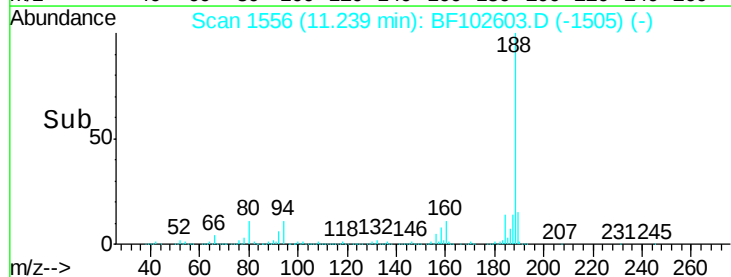
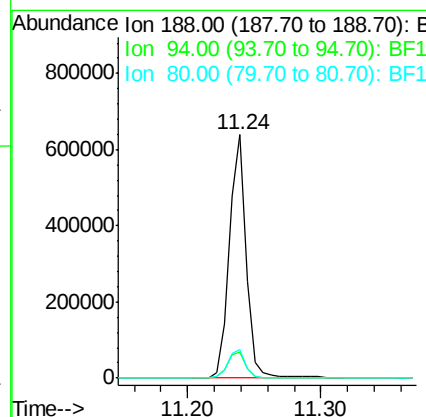
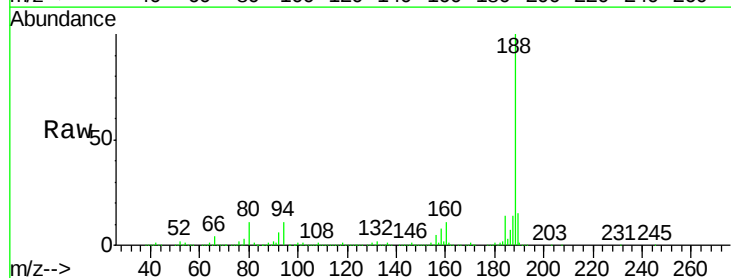
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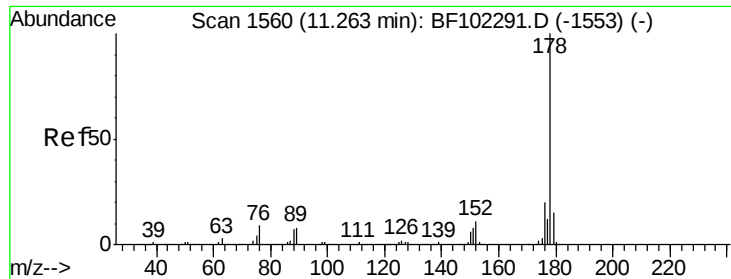
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102603.D
Acq: 29 Jan 2018 18:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.6	8.5	12.7
80	11.5	9.2	13.8





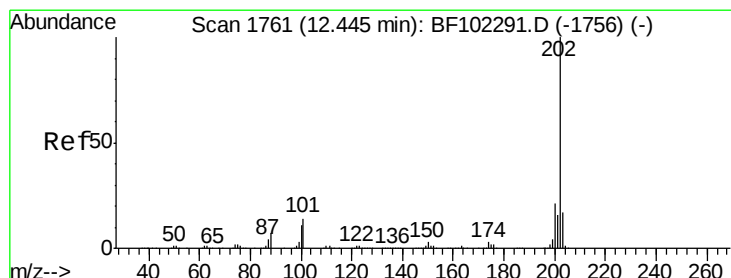
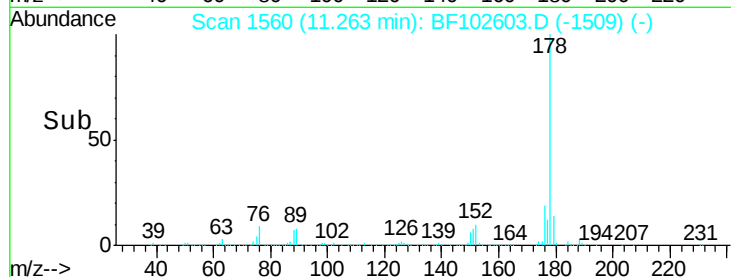
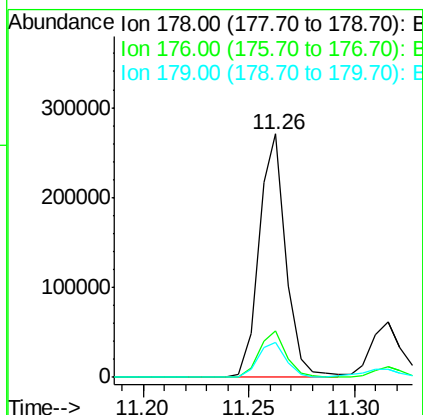
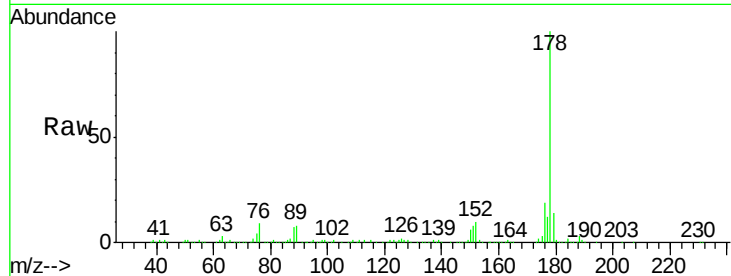
#70
Phenanthrene
Concen: 7.177 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF102603.D
Acq: 29 Jan 2018 18:07

Instrument :
BNA_F
ClientSampleId :
WC-15(0-5)

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	14.4	13.0	19.6

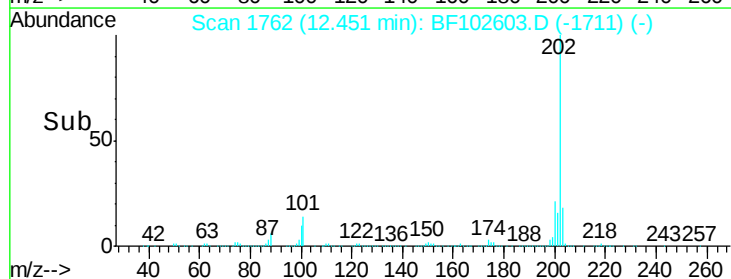
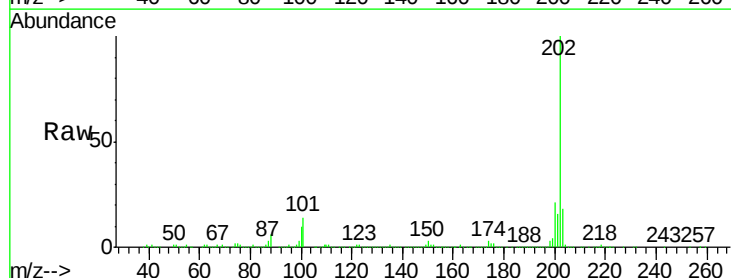
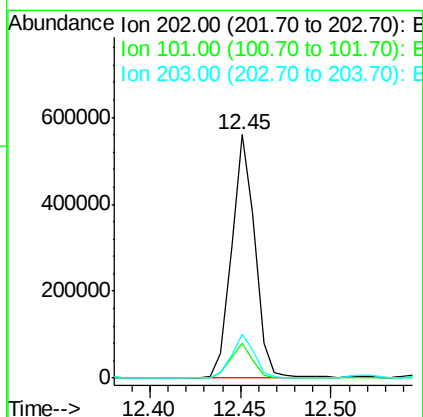
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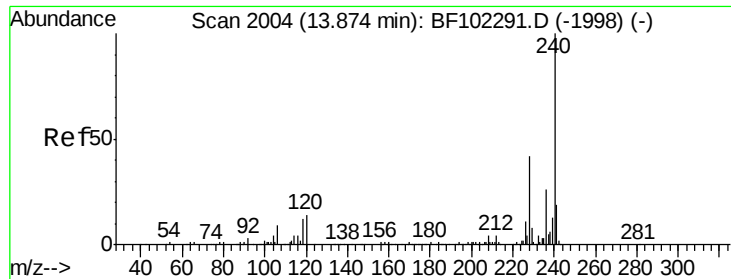
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#74
Fluoranthene
Concen: 14.758 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF102603.D
Acq: 29 Jan 2018 18:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	34.1
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF102603.D

Acq: 29 Jan 2018 18:07

Instrument :

BNA_F

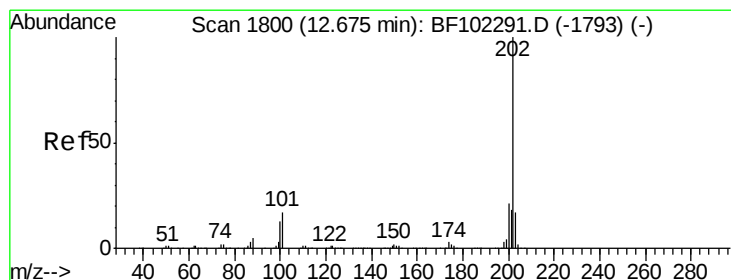
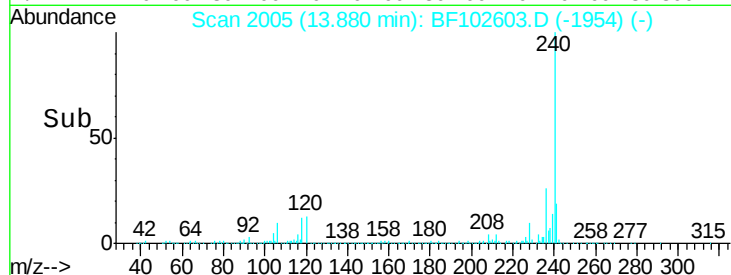
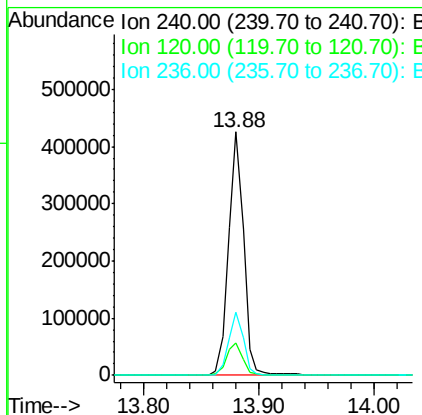
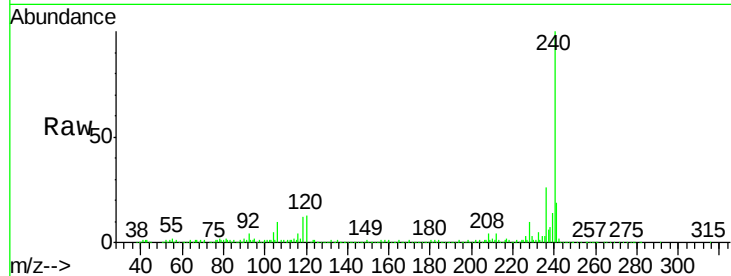
ClientSampleId :

WC-15(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	386017		
120	13.3	9.5	14.3	
236	25.8	20.7	31.1	

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#77

Pyrene

Concen: 14.917 ng

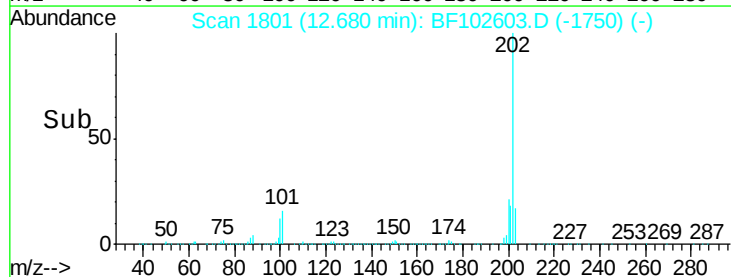
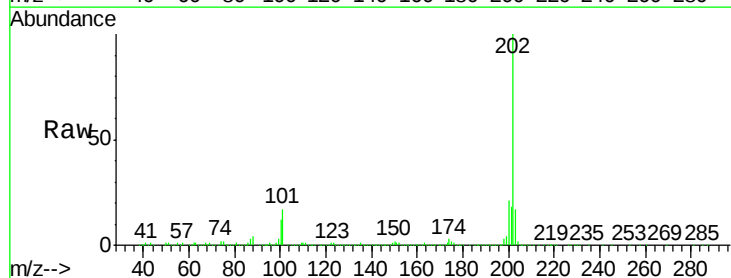
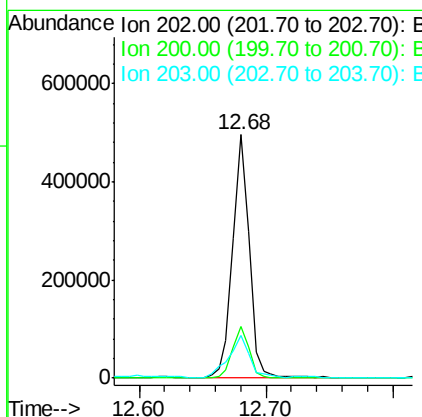
RT: 12.68 min Scan# 1801

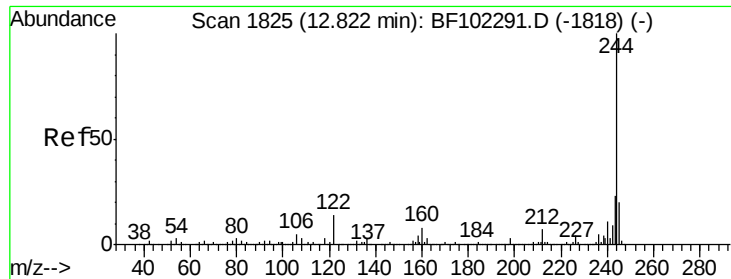
Delta R.T. 0.00 min

Lab File: BF102603.D

Acq: 29 Jan 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	445190		
200	21.3	17.4	26.2	
203	17.4	14.3	21.5	





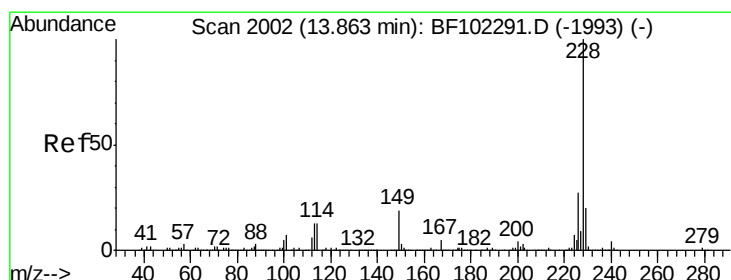
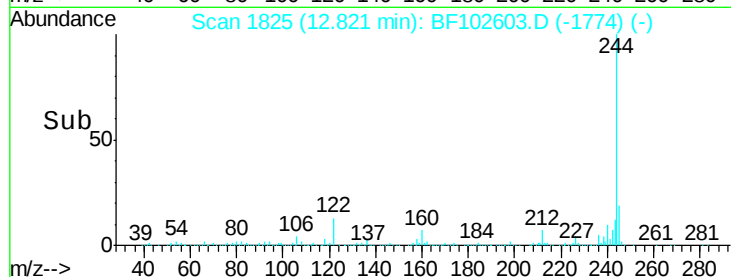
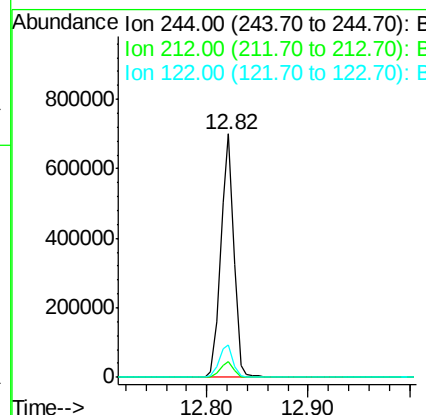
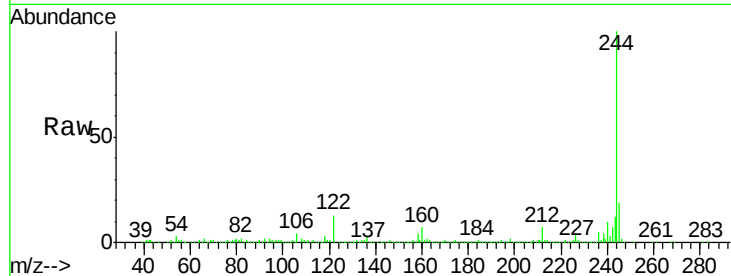
#78
 Terphenyl-d14
 Concen: 36.558 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF102603.D
 Acq: 29 Jan 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 WC-15(0-5)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.4	11.0	16.4

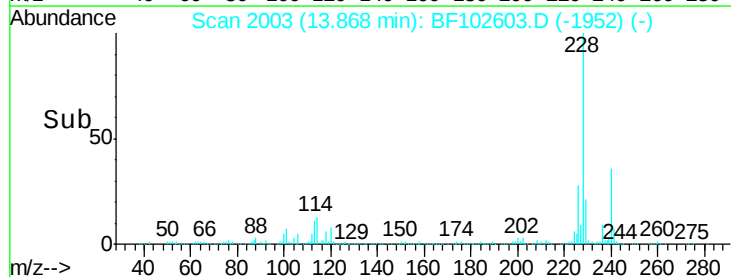
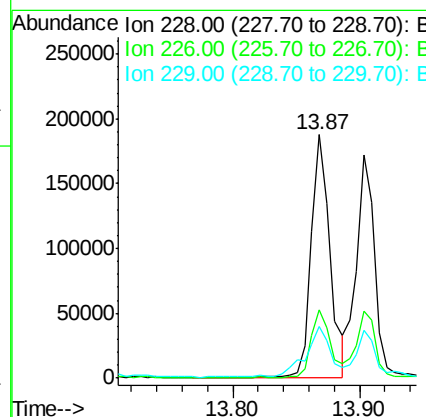
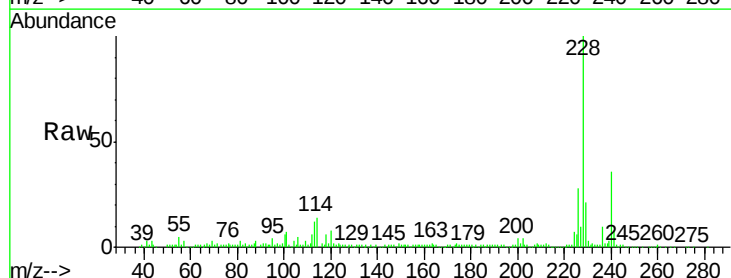
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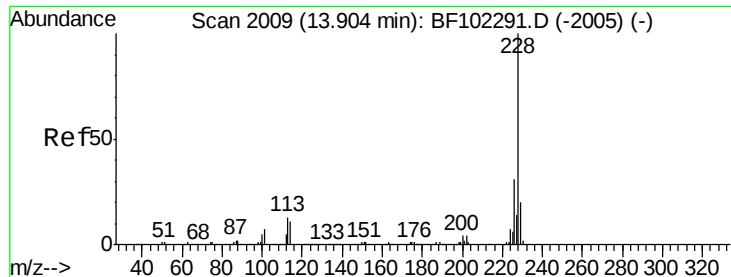
Sohil
 1/30/2018 3:38:12 PM



#80
 Benzo(a)anthracene
 Concen: 8.088 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF102603.D
 Acq: 29 Jan 2018 18:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	21.3	15.8	23.6





#82

Chrysene

Concen: 7.122 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF102603.D

Acq: 29 Jan 2018 18:07

Instrument :

BNA_F

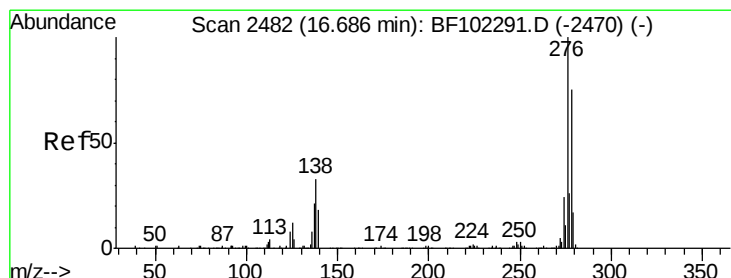
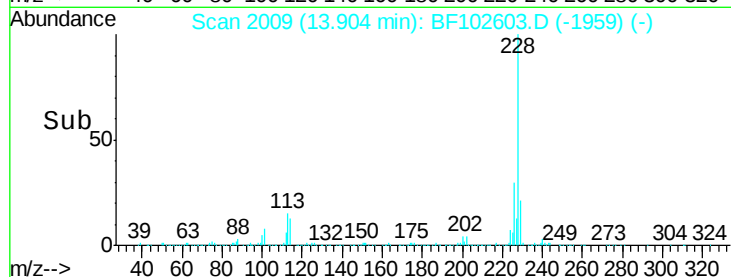
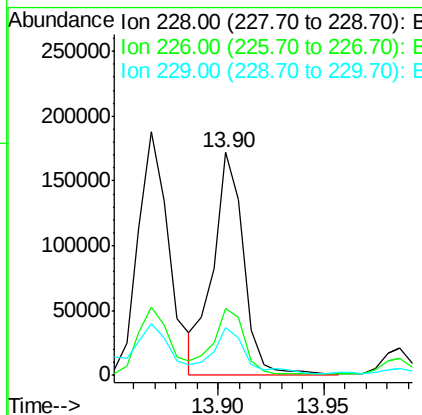
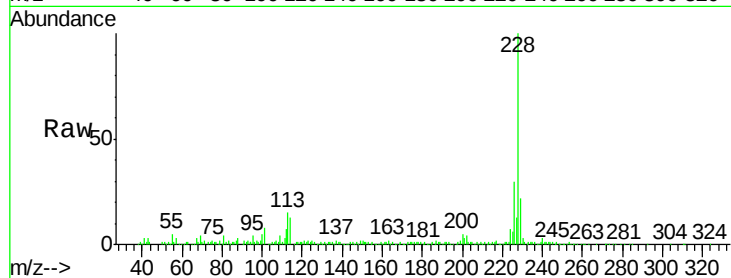
ClientSampleId :

WC-15(0-5)

Tgt Ion:	228	Resp:	171888
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.0	37.6
229	21.7	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 4.717 ng

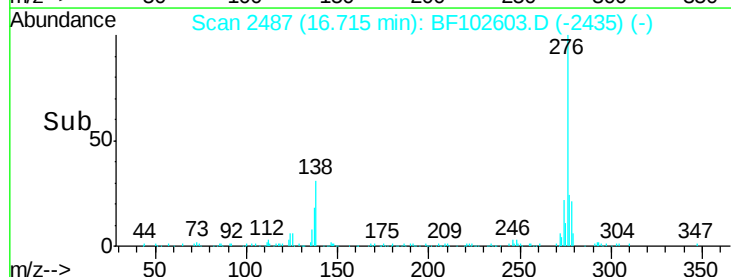
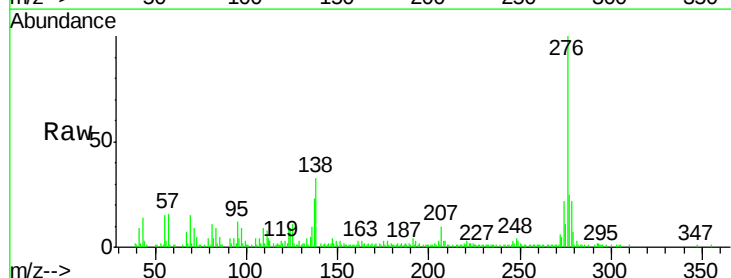
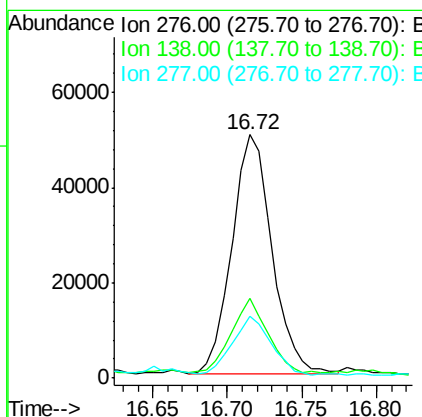
RT: 16.72 min Scan# 2487

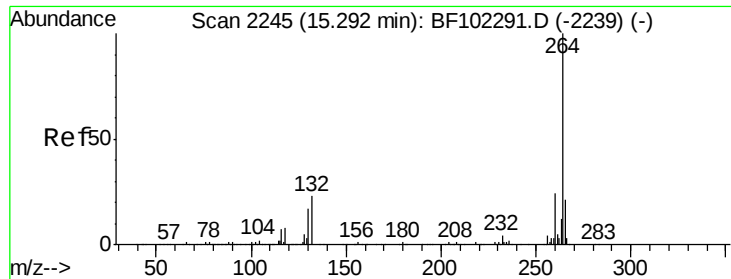
Delta R.T. 0.01 min

Lab File: BF102603.D

Acq: 29 Jan 2018 18:07

Tgt Ion:	276	Resp:	94022
Ion Ratio	Lower	Upper	
276	100		
138	30.7	25.0	37.6
277	23.5	20.1	30.1





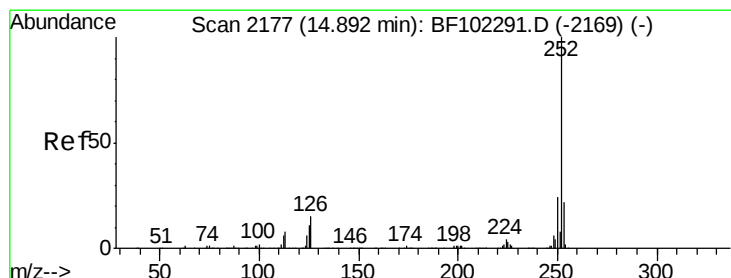
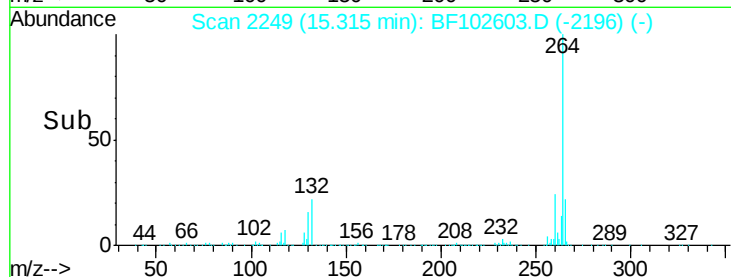
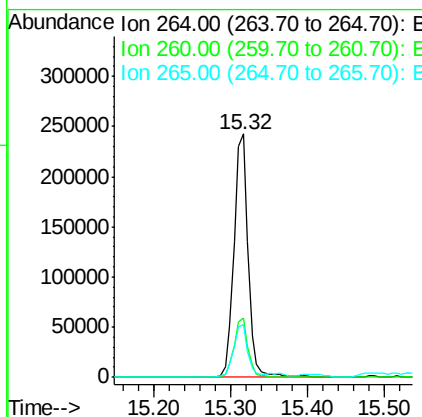
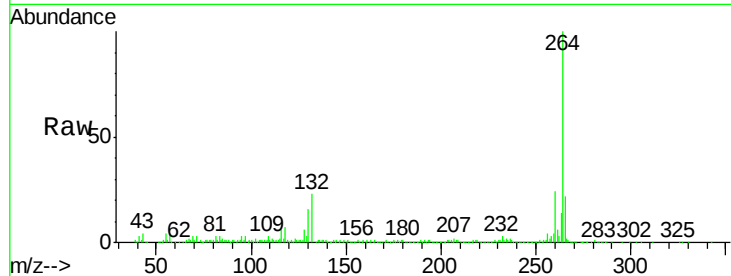
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF102603.D
Acq: 29 Jan 2018 18:07

Instrument :
BNA_F
ClientSampleId :
WC-15(0-5)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.8	17.5	26.3

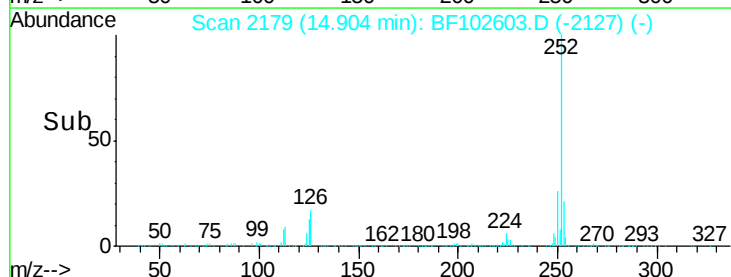
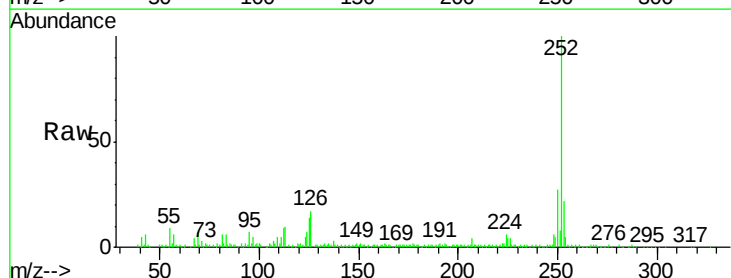
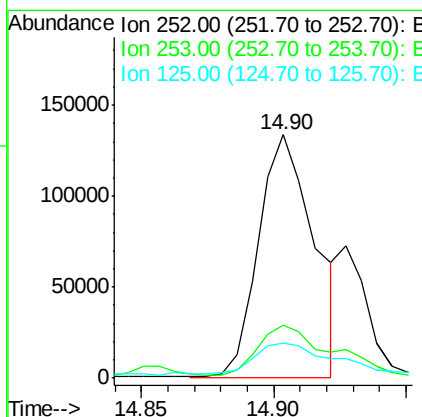
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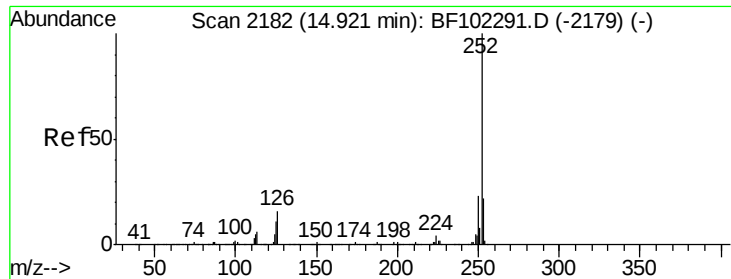
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#87
Benzo(b)fluoranthene
Concen: 9.497 ng m
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BF102603.D
Acq: 29 Jan 2018 18:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	14.4	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 2.898 ng m

RT: 14.93 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BF102603.D

Acq: 29 Jan 2018 18:07

Instrument :

BNA_F

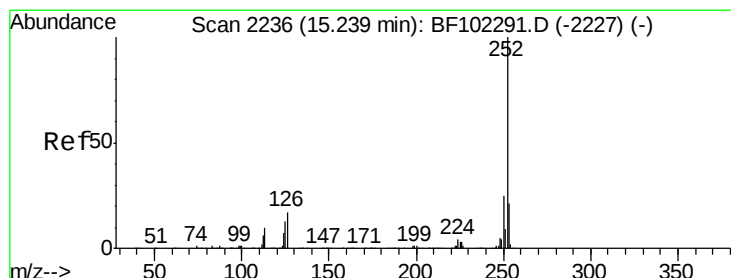
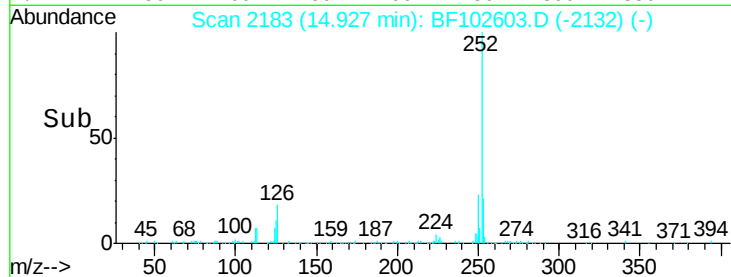
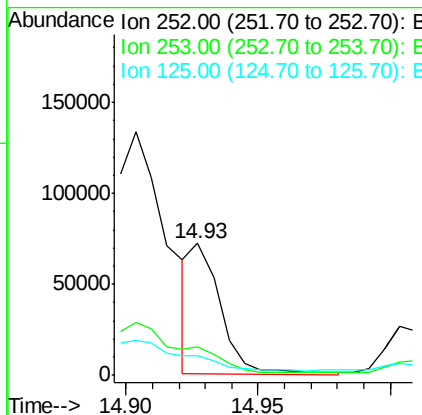
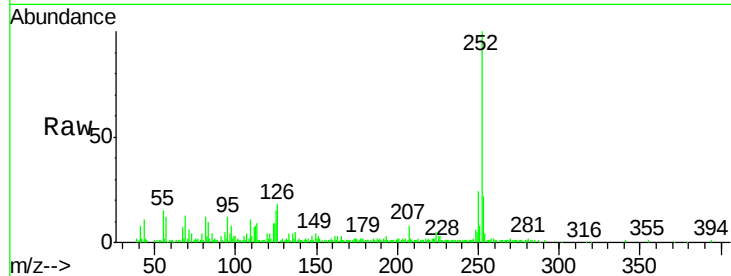
ClientSampleId :

WC-15(0-5)

Tgt Ion:	252	Resp:	56166
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.9	26.9
125	15.2	10.2	15.2

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#89

Benzo(a)pyrene

Concen: 7.422 ng

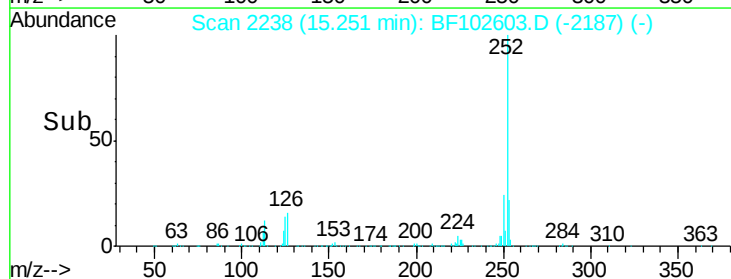
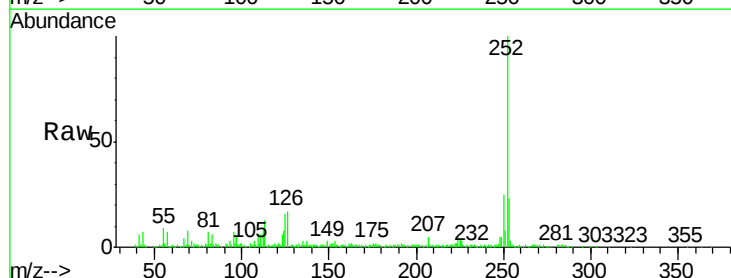
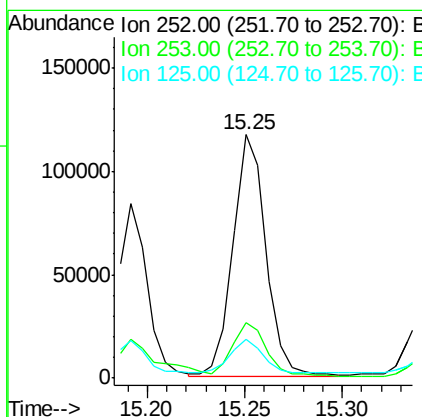
RT: 15.25 min Scan# 2238

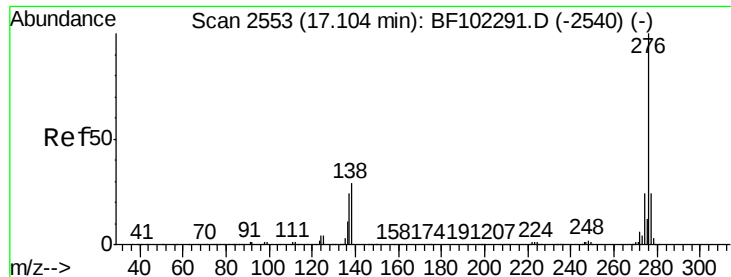
Delta R.T. -0.00 min

Lab File: BF102603.D

Acq: 29 Jan 2018 18:07

Tgt Ion:	252	Resp:	137294
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.1	25.7
125	16.2	9.8	14.6#





#91
 Benzo(g,h,i)perylene
 Concen: 6.406 ng
 RT: 17.14 min Scan# 2560
 Delta R.T. 0.01 min
 Lab File: BF102603.D
 Acq: 29 Jan 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 WC-15(0-5)

Tgt Ion:	276	Resp:	94787
Ion Ratio		Lower	Upper
276	100		
277	25.0	17.9	26.9
138	31.8	21.8	32.8

Manual Integrations
 APPROVED

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