

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102482.D
 Acq On : 26 Jan 2018 21:23
 Operator : SJ/JU
 Sample : J1257-03 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-12(0-5)

Manual Integrations
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Quant Time: Jan 26 23:12:00 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	157327	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	634710	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	244143	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	331208	20.00	ng	0.00
75) Chrysene-d12	13.90	240	220965	20.00	ng	0.02
86) Perylene-d12	15.34	264	155218	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	225392	21.72	ng	0.00
7) Phenol-d6	6.37	99	268059	21.43	ng	0.00
23) Nitrobenzene-d5	7.28	82	133409	12.08	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	31329	12.95	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	285657	17.20	ng	0.00
78) Terphenyl-d14	12.83	244	167779	17.12	ng	0.00
Target Compounds						
70) Phenanthrene	11.27	178	85324	4.421	ng	99
74) Fluoranthene	12.46	202	132165	6.715	ng	97
77) Pyrene	12.69	202	228828	13.394	ng	99
80) Benzo(a)anthracene	13.89	228	53467	3.930	ng	# 86
82) Chrysene	13.92	228	68012	4.923	ng	# 90
83) Bis(2-ethylhexyl)phthalate	13.87	149	36402	3.186	ng	# 86
85) Indeno(1,2,3-cd)pyrene	16.74	276	46013	4.033	ng	97
87) Benzo(b)fluoranthene	14.93	252	98409m	9.782	ng	
88) Benzo(k)fluoranthene	14.95	252	23470m	2.469	ng	
91) Benzo(g,h,i)perylene	17.17	276	44813	6.175	ng	# 79

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

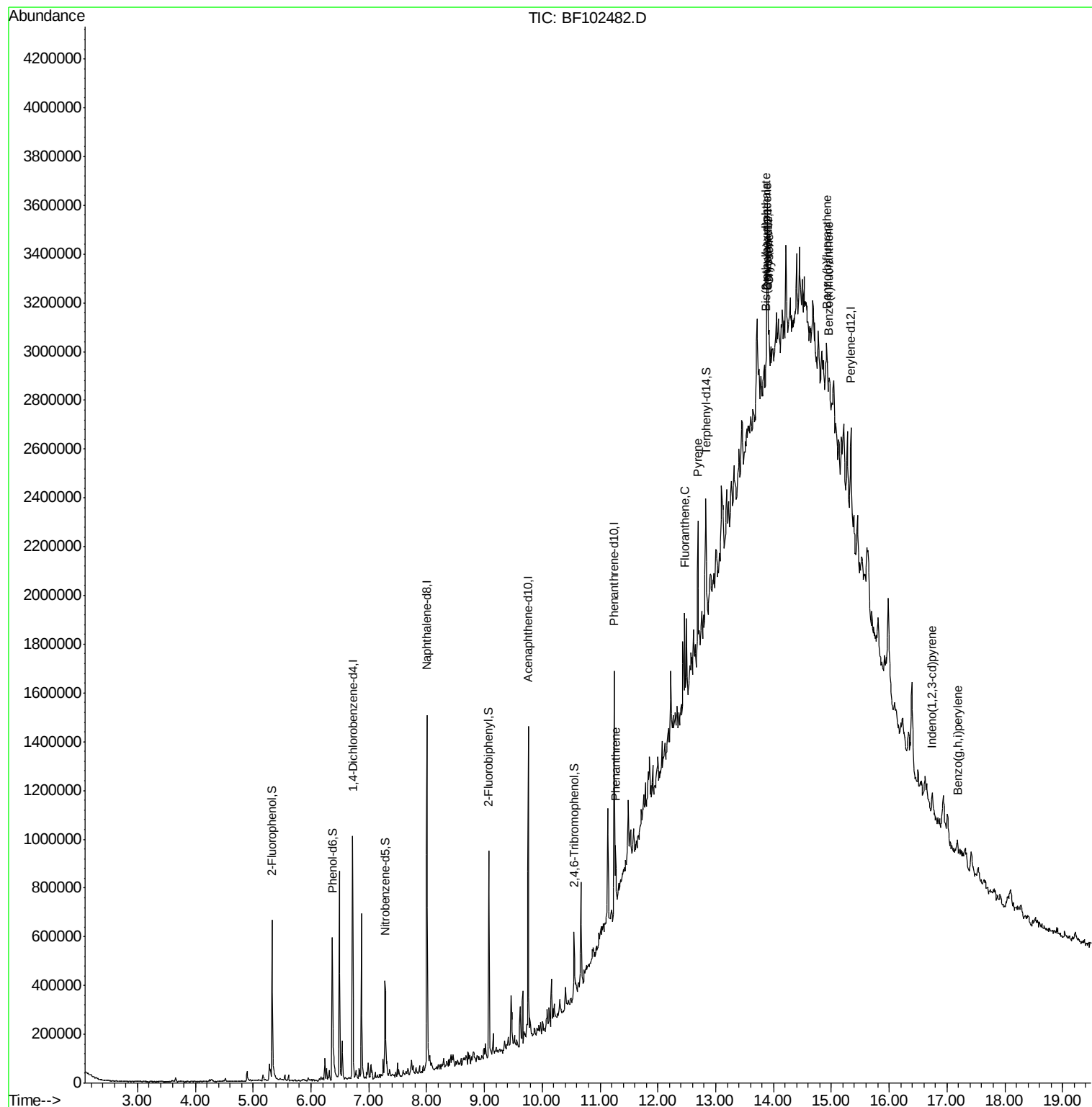
Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102482.D
Acq On : 26 Jan 2018 21:23
Operator : SJ/JU
Sample : J1257-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

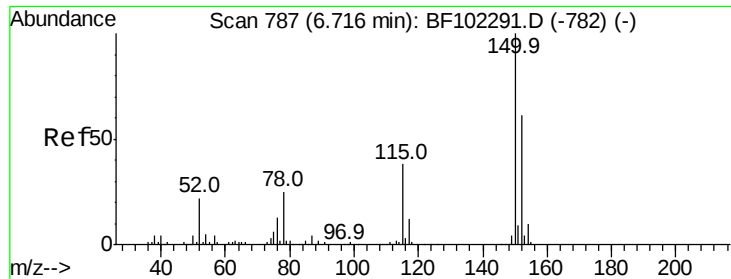
Instrument :
BNA_F
ClientSampled :
WC-12(0-5)

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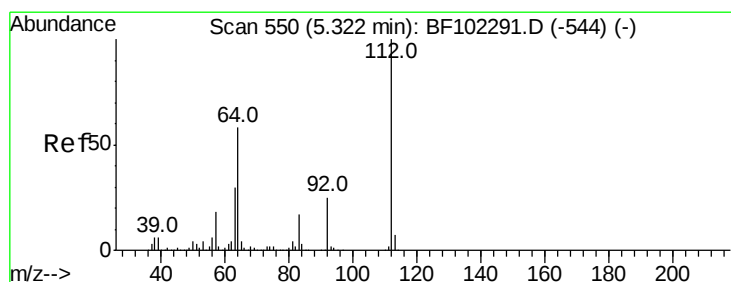
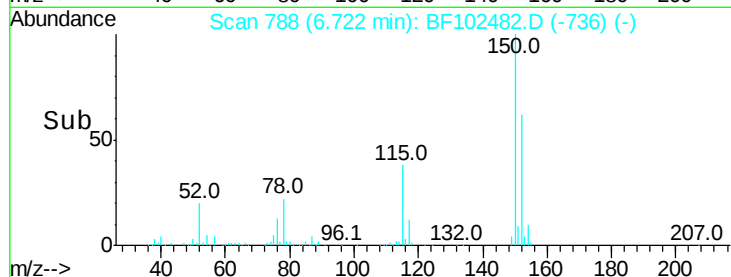
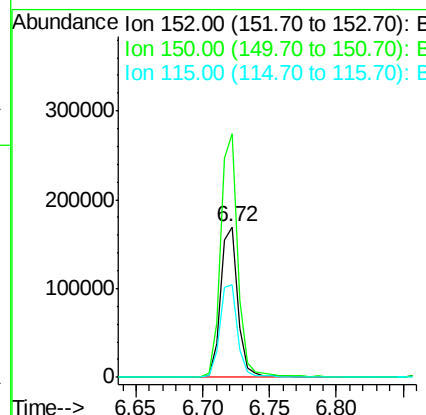
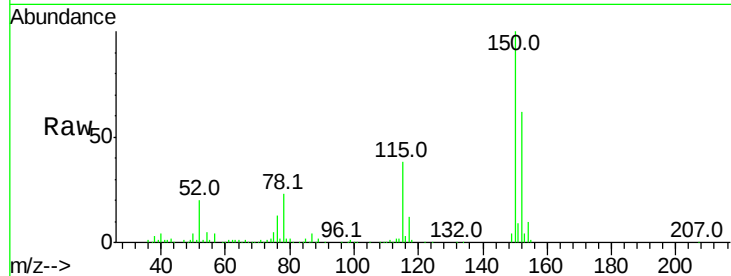
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF102482.D
 Acq: 26 Jan 2018 21:23

Instrument :
 BNA_F
 ClientSampleId :
 WC-12(0-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	124.6	186.8
115	61.5	50.1	75.1

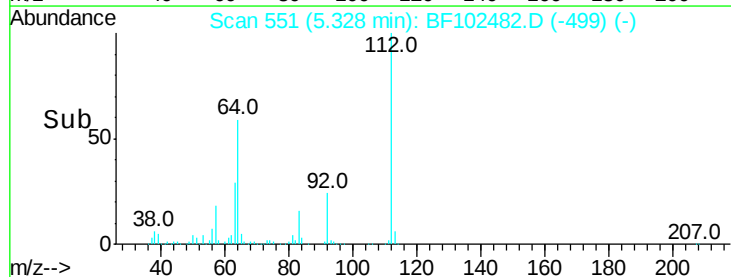
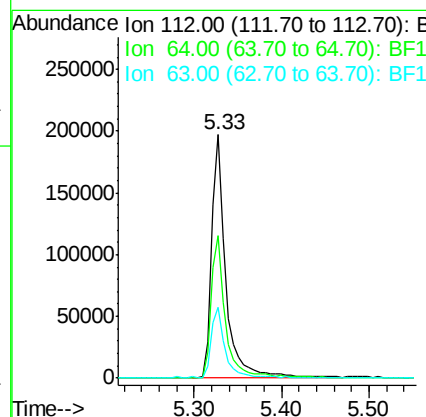
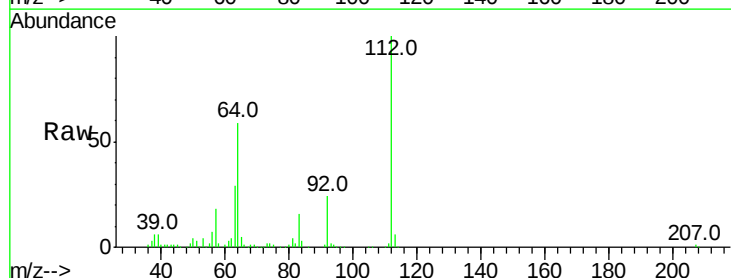
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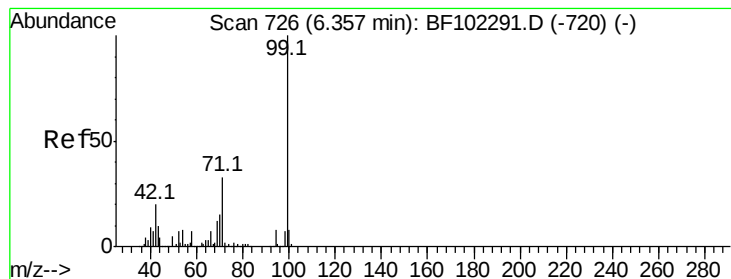
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#5
 2-Fluorophenol
 Concen: 21.722 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF102482.D
 Acq: 26 Jan 2018 21:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.9	71.9
63	28.9	23.7	35.5





#7

Phenol-d6

Concen: 21.429 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102482.D

Acq: 26 Jan 2018 21:23

Instrument :

BNA_F

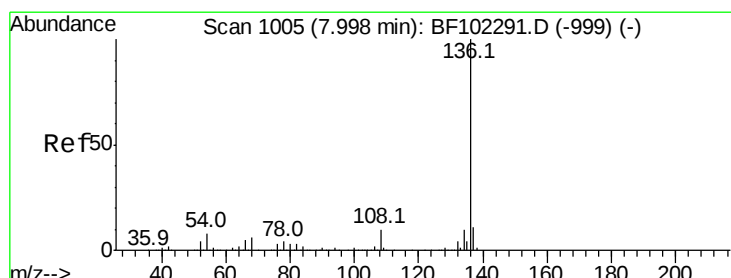
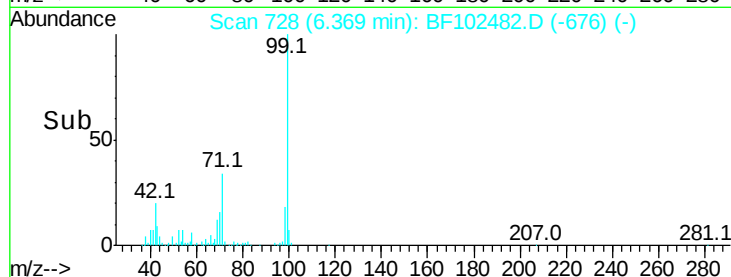
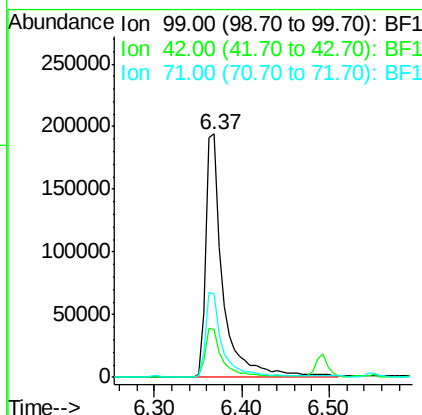
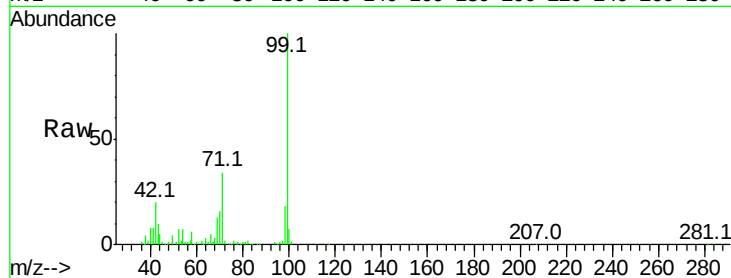
ClientSampled :

WC-12(0-5)

Tot Ion:	99	Resp:	268059
Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	34.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

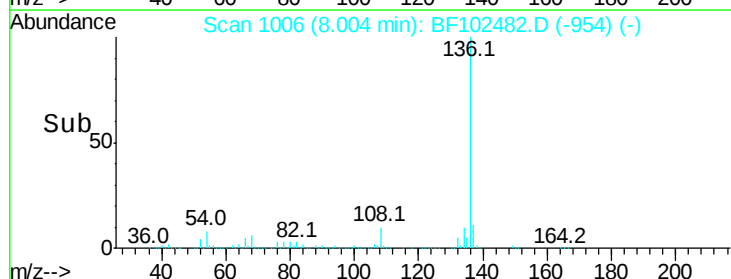
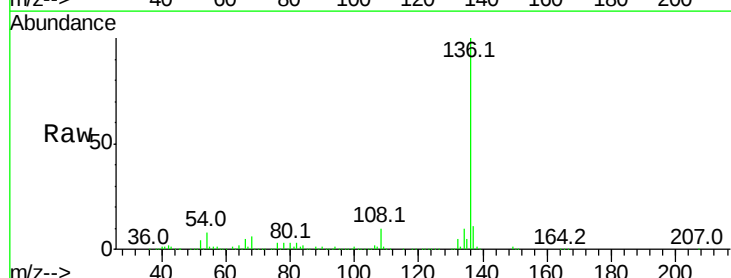
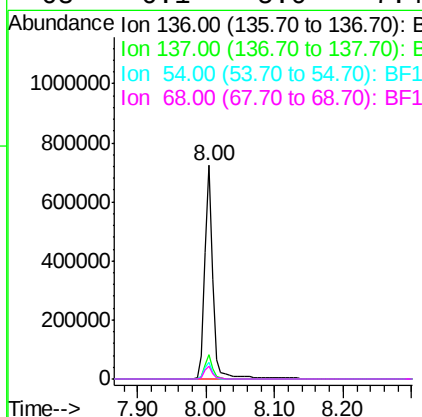
RT: 8.00 min Scan# 1006

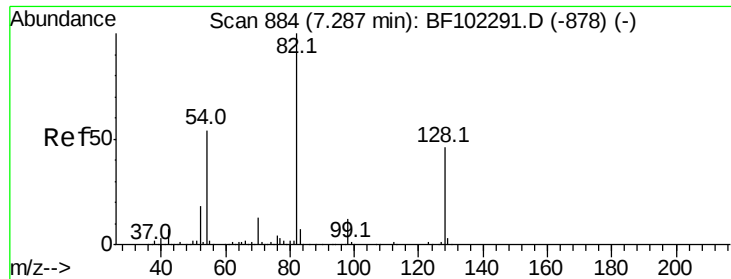
Delta R.T. 0.01 min

Lab File: BF102482.D

Acq: 26 Jan 2018 21:23

Tgt Ion:	136	Resp:	634710
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.0	6.6	9.8
68	6.1	5.0	7.4





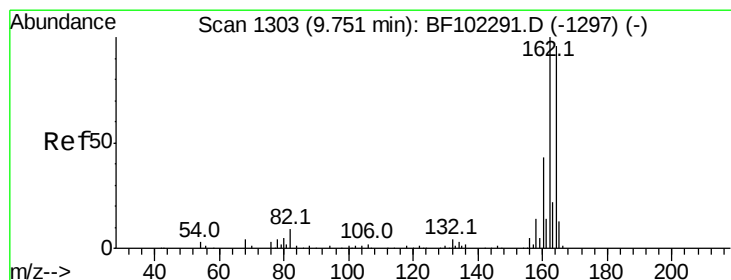
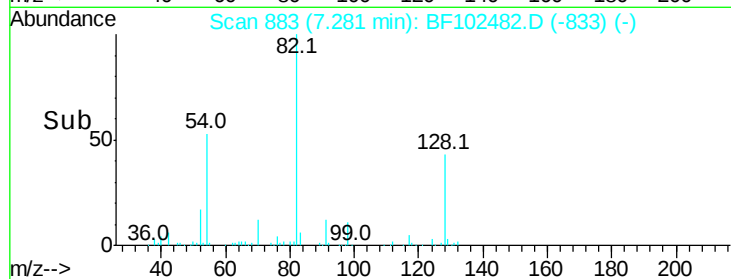
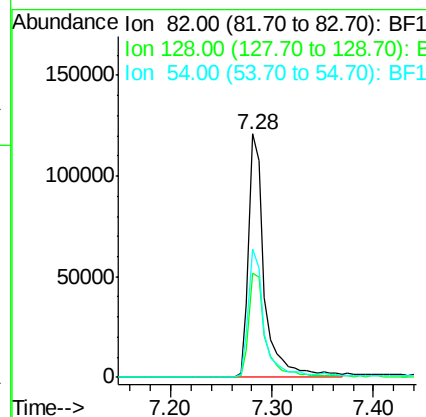
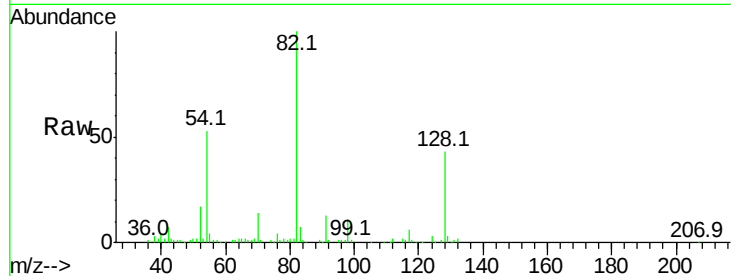
#23
 Nitrobenzene-d5
 Concen: 12.079 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102482.D
 Acq: 26 Jan 2018 21:23

Instrument :
 BNA_F
 ClientSampleId :
 WC-12(0-5)

Tot Ion:	82	Resp:	133409
Ion Ratio	Lower	Upper	
82	100		
128	42.6	36.1	54.1
54	52.9	41.4	62.2

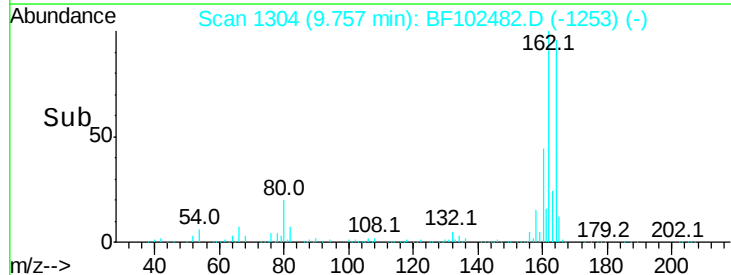
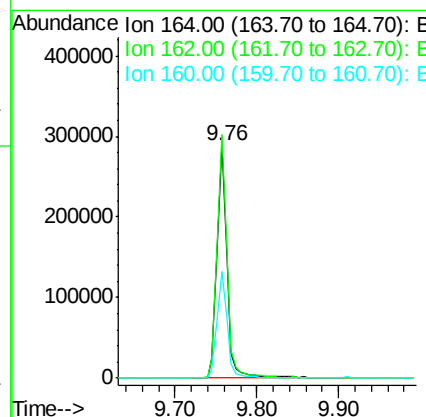
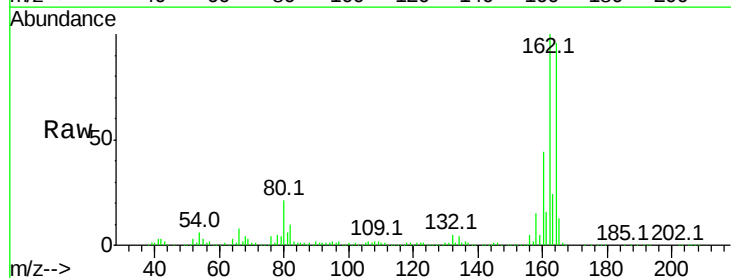
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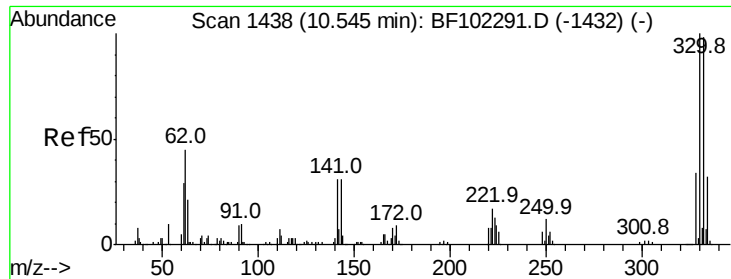
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF102482.D
 Acq: 26 Jan 2018 21:23

Tgt Ion:	164	Resp:	244143
Ion Ratio	Lower	Upper	
164	100		
162	104.5	86.1	129.1
160	45.6	38.3	57.5





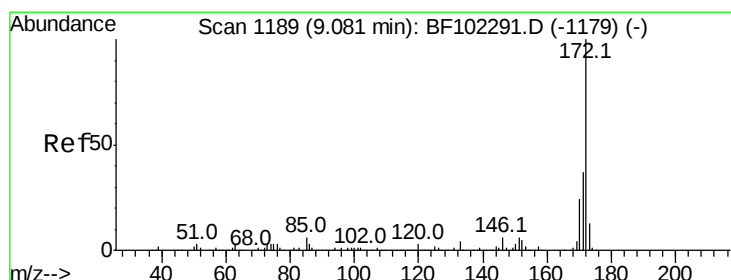
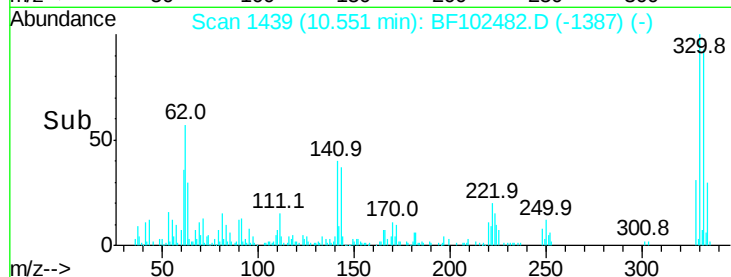
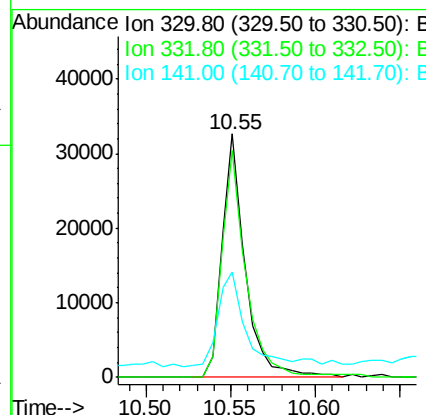
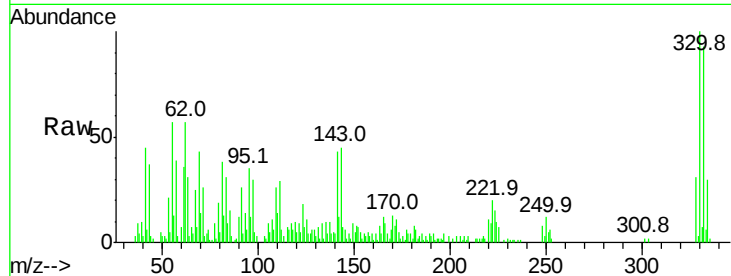
#41
 2,4,6-Tribromophenol
 Concen: 12.951 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102482.D
 Acq: 26 Jan 2018 21:23

Instrument :
 BNA_F
 ClientSampled :
 WC-12(0-5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	51.0	29.9	44.9

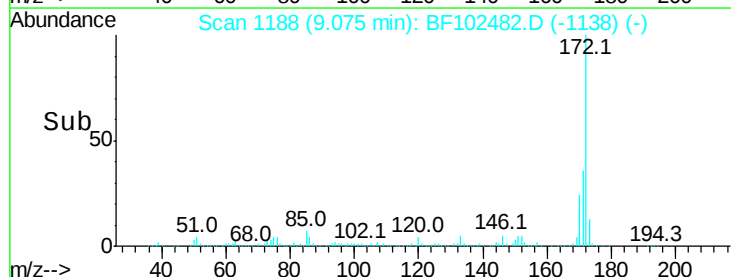
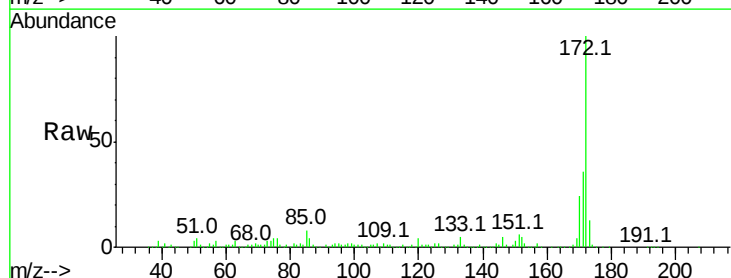
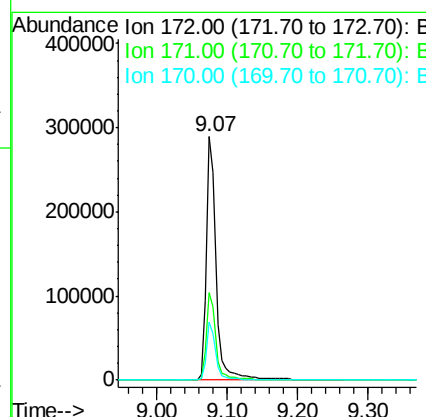
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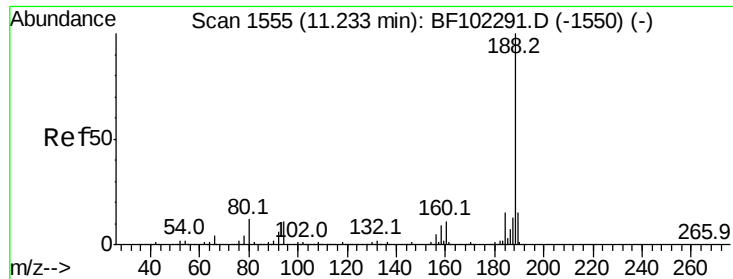
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#44
 2-Fluorobiphenyl
 Concen: 17.204 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102482.D
 Acq: 26 Jan 2018 21:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.9	19.6	29.4





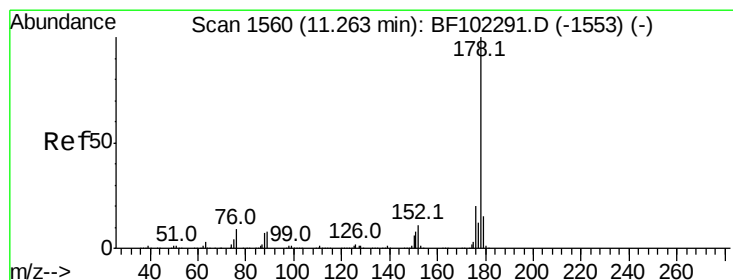
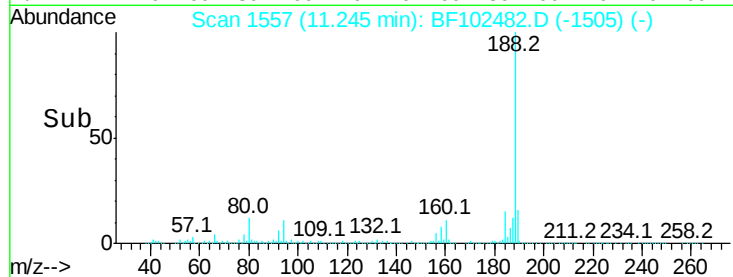
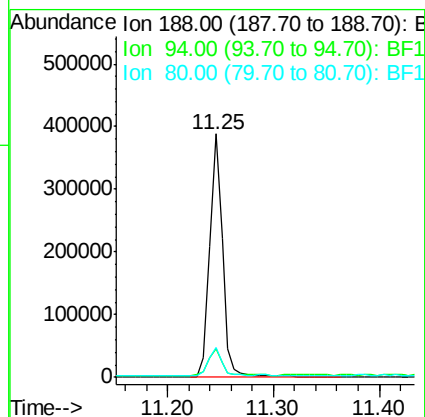
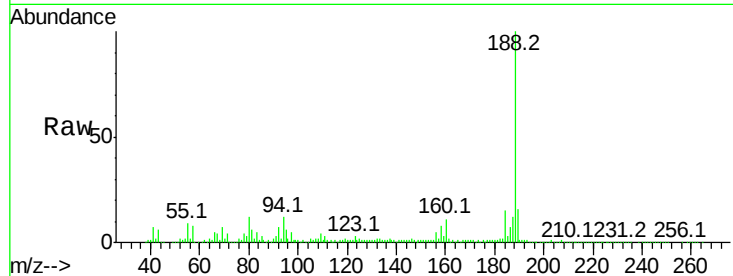
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF102482.D
Acq: 26 Jan 2018 21:23

Instrument :
BNA_F
ClientSampled :
WC-12(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.6	8.5	12.7	
80	12.2	9.2	13.8	

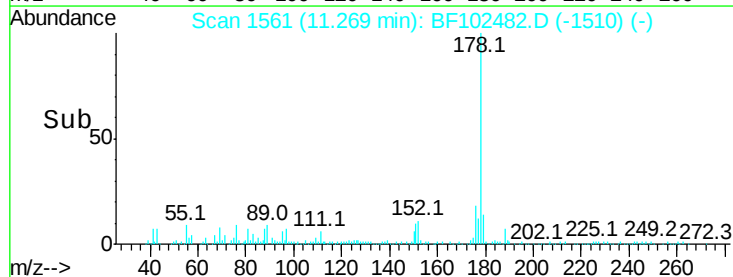
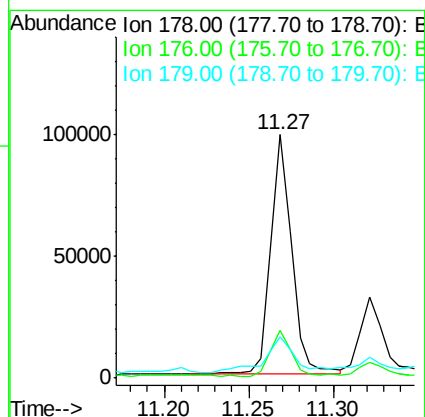
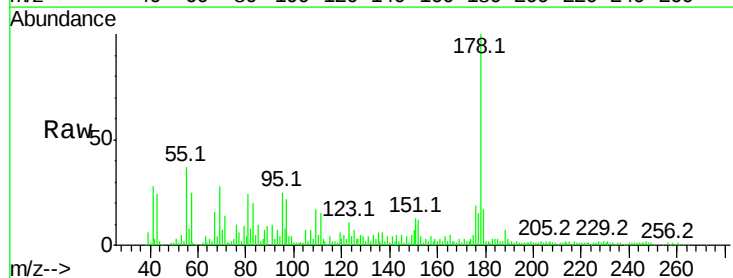
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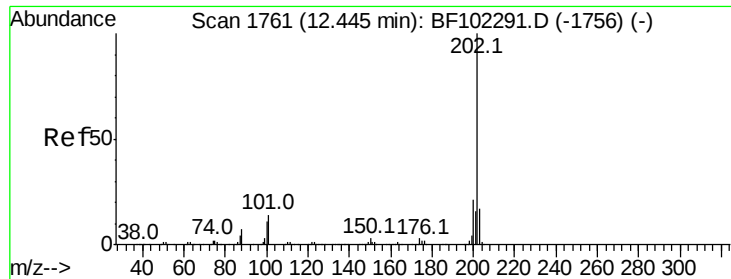
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#70
Phenanthrene
Concen: 4.421 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF102482.D
Acq: 26 Jan 2018 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.4	15.8	23.8	
179	16.9	13.0	19.6	





#74

Fluoranthene

Concen: 6.715 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF102482.D

Acq: 26 Jan 2018 21:23

Instrument :

BNA_F

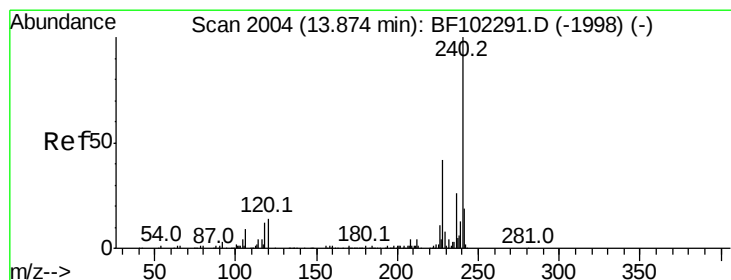
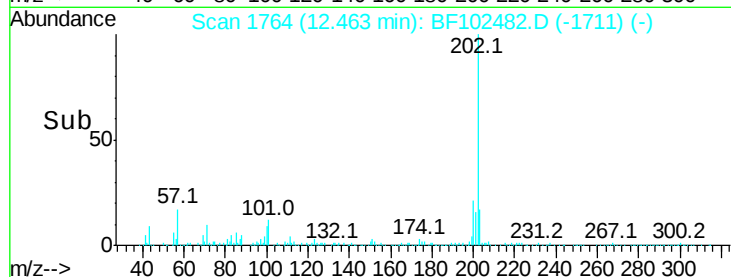
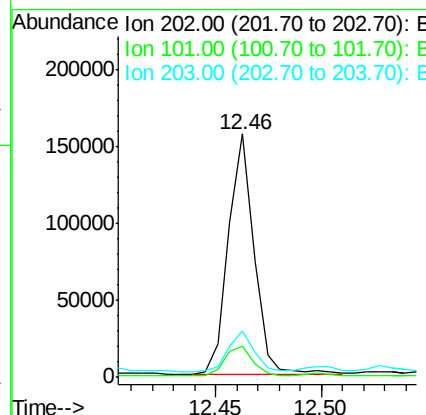
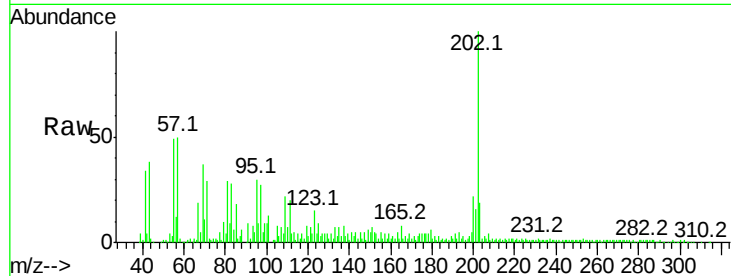
ClientSampleId :

WC-12(0-5)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	0.0	34.1
203	19.1	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

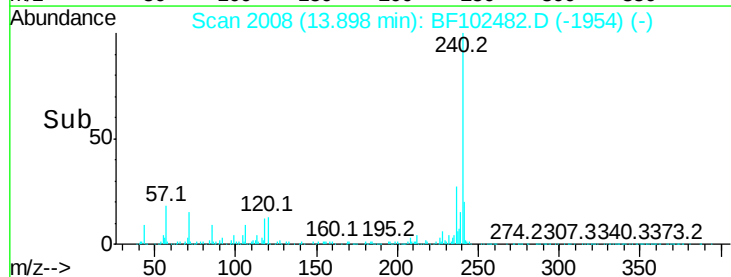
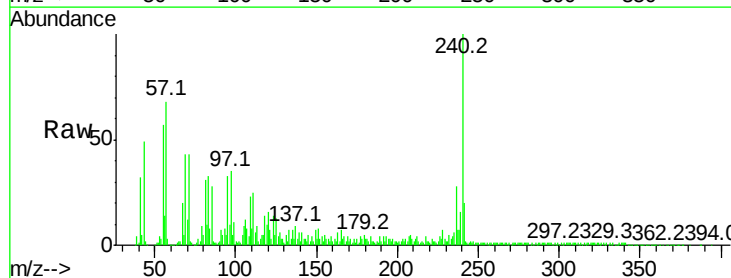
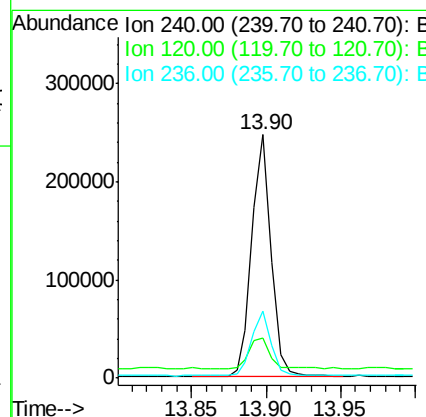
RT: 13.90 min Scan# 2008

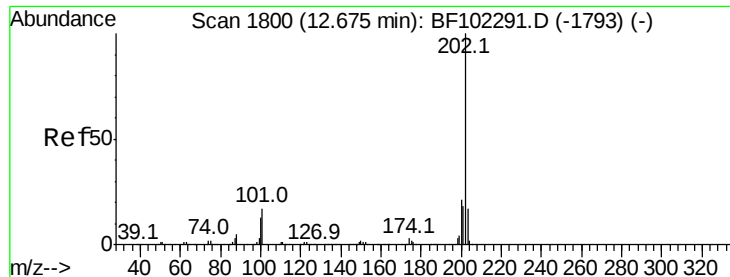
Delta R.T. 0.02 min

Lab File: BF102482.D

Acq: 26 Jan 2018 21:23

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	16.4	9.5	14.3#
236	27.6	20.7	31.1





#77

Pvrene

Concen: 13.394 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF102482.D

Acq: 26 Jan 2018 21:23

Instrument :

BNA_F

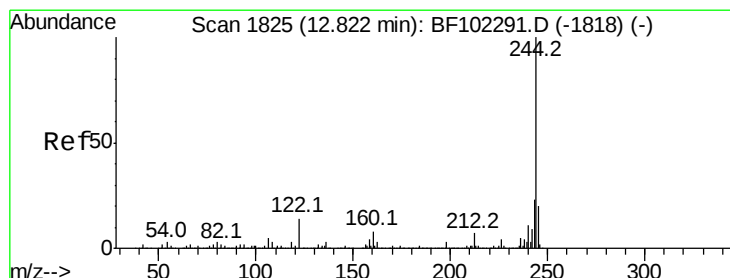
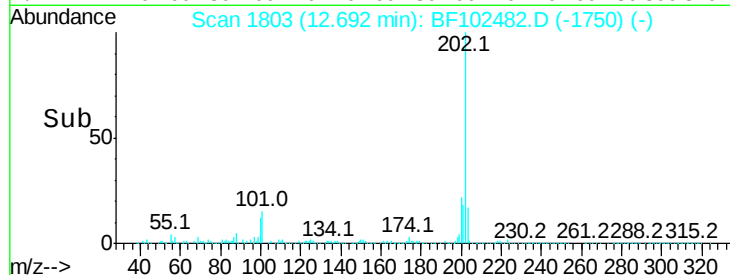
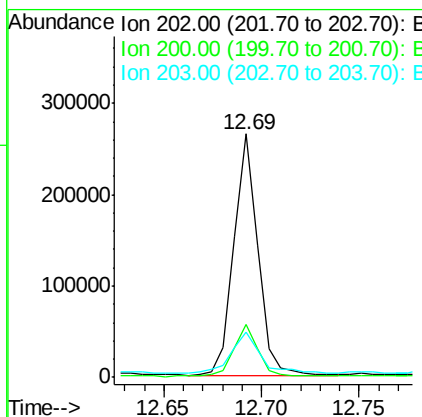
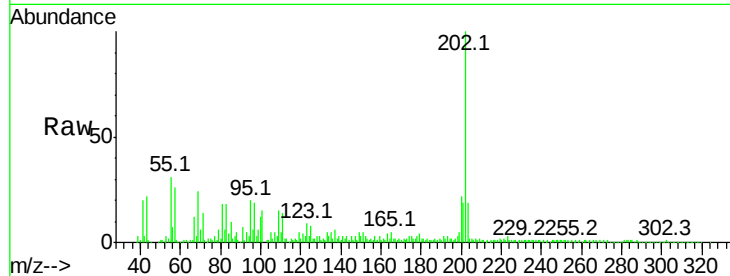
ClientSampleId :

WC-12(0-5)

Tot Ion:	202	Resp:	228828
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	18.7	14.3	21.5

Manual Integrations
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#78

Terphenyl-d14

Concen: 17.117 ng

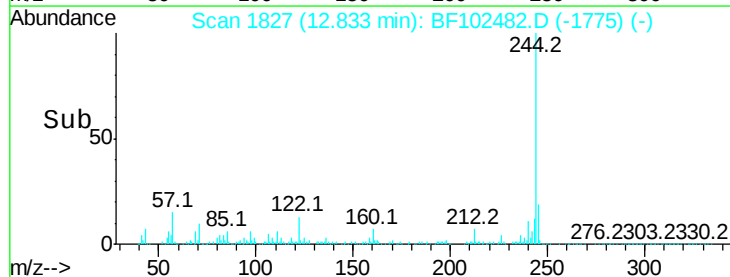
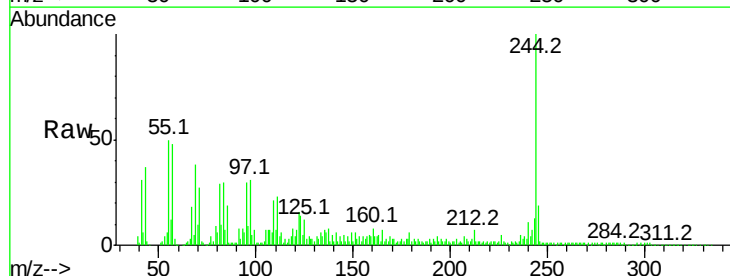
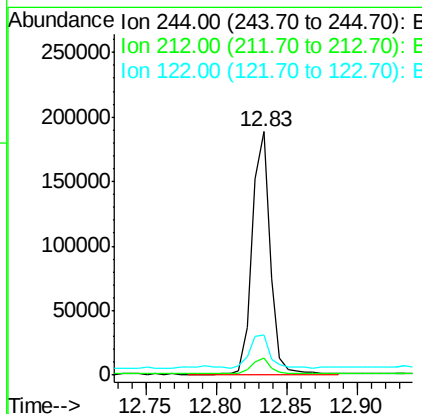
RT: 12.83 min Scan# 1827

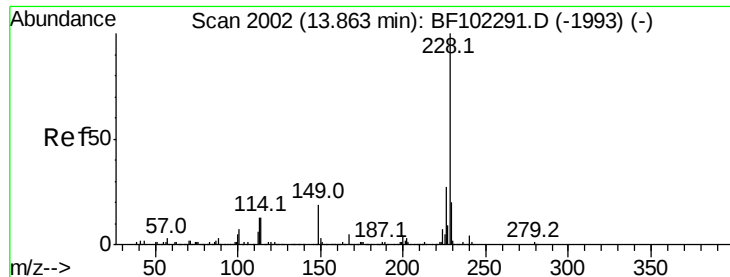
Delta R.T. 0.01 min

Lab File: BF102482.D

Acq: 26 Jan 2018 21:23

Tgt Ion:	244	Resp:	167779
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.0
122	16.2	11.0	16.4





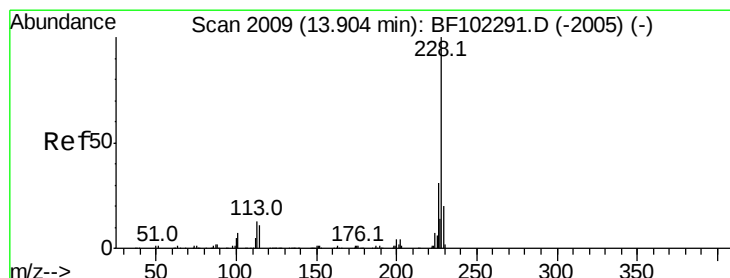
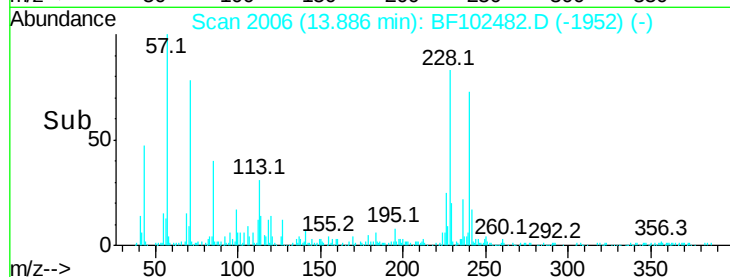
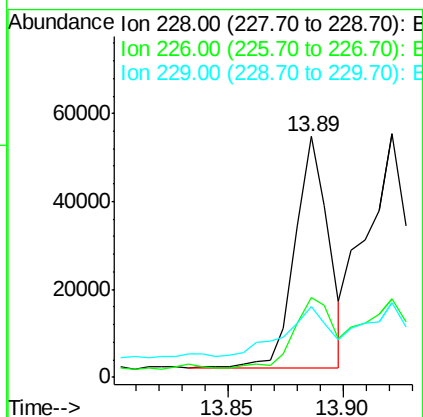
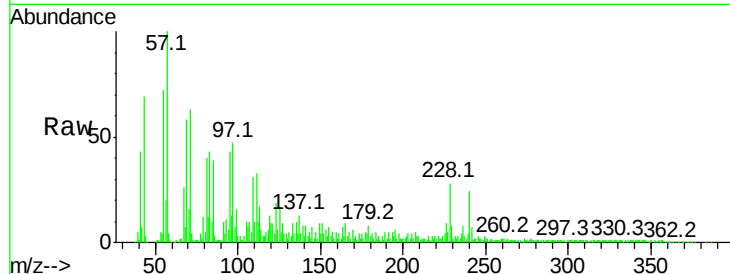
#80
Benzo(a)anthracene
Concen: 3.930 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.02 min
Lab File: BF102482.D
Acq: 26 Jan 2018 21:23

Instrument :
BNA_F
ClientSampled :
WC-12(0-5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	22.6	33.8
229	29.5	15.8	23.6

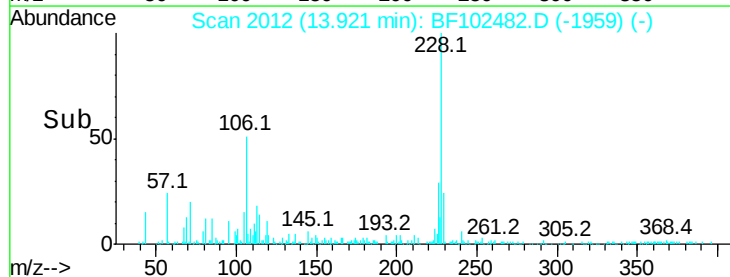
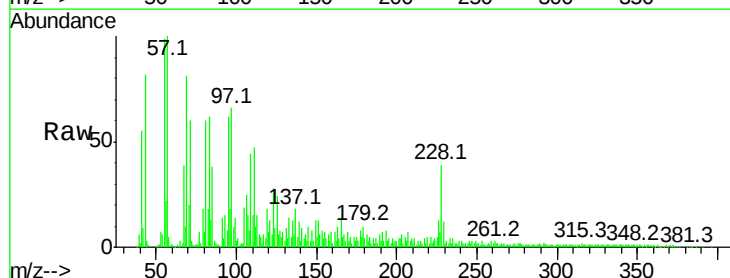
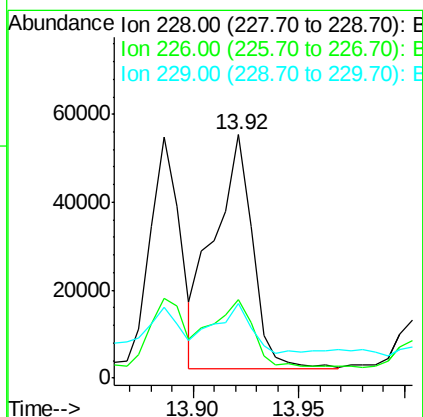
Manual Integrations
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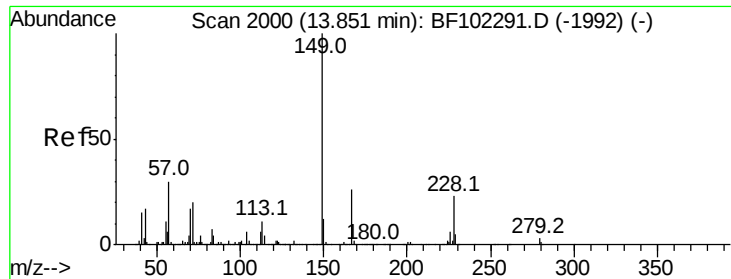
Sohil
1/27/2018 1:47:21 PM



#82
Chrysene
Concen: 4.923 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF102482.D
Acq: 26 Jan 2018 21:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.6
229	30.8	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.186 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.02 min

Lab File: BF102482.D

Acq: 26 Jan 2018 21:23

Instrument :

BNA_F

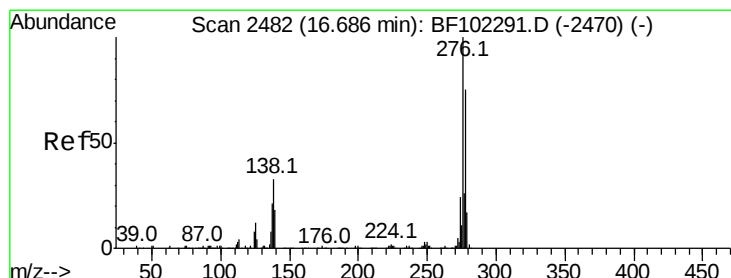
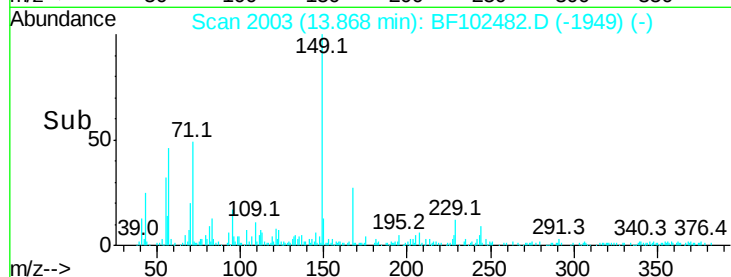
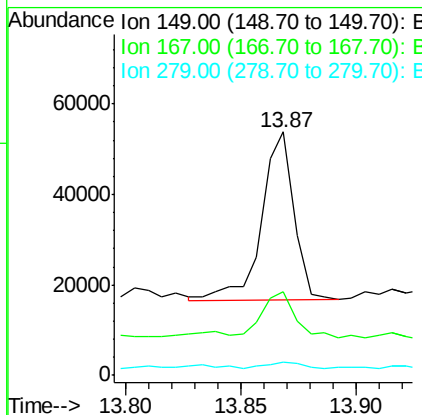
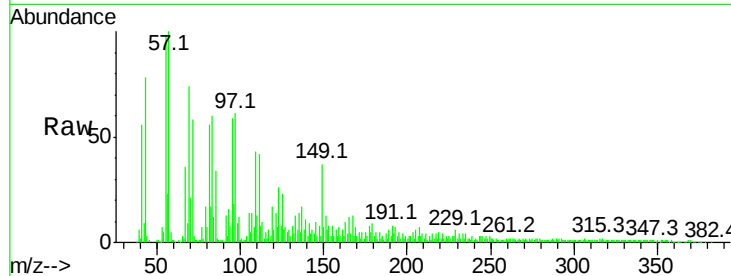
ClientSampled :

WC-12(0-5)

Tot Ion:	149	Resp:	36402
Ion Ratio	Lower	Upper	
149	100		
167	34.1	21.3	31.9#
279	5.6	3.0	4.4#

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 4.033 ng

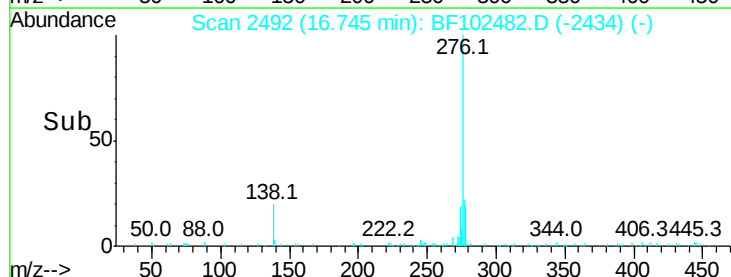
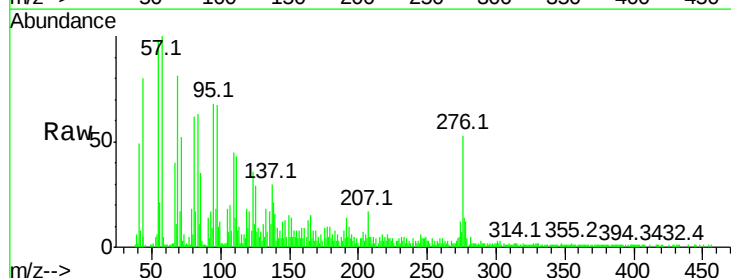
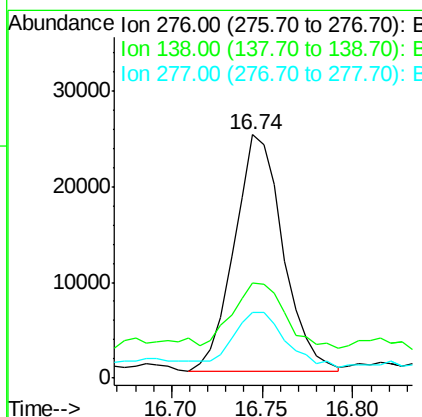
RT: 16.74 min Scan# 2492

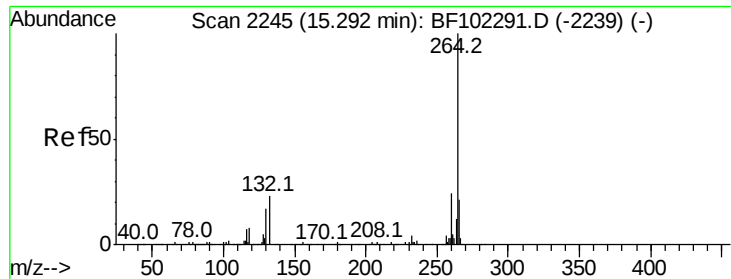
Delta R.T. 0.04 min

Lab File: BF102482.D

Acq: 26 Jan 2018 21:23

Tgt Ion:	276	Resp:	46013
Ion Ratio	Lower	Upper	
276	100		
138	29.7	25.0	37.6
277	23.3	20.1	30.1





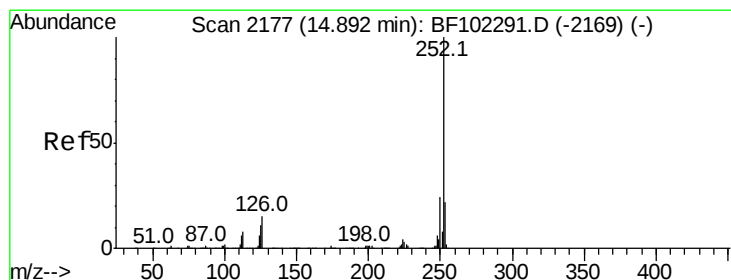
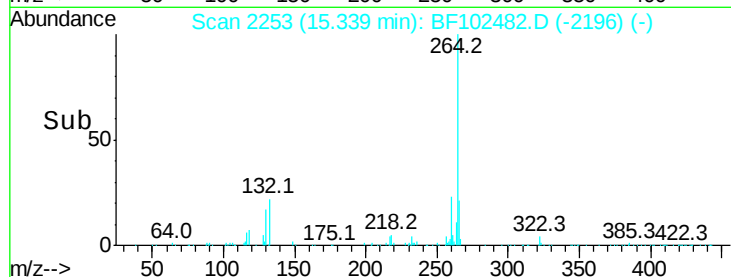
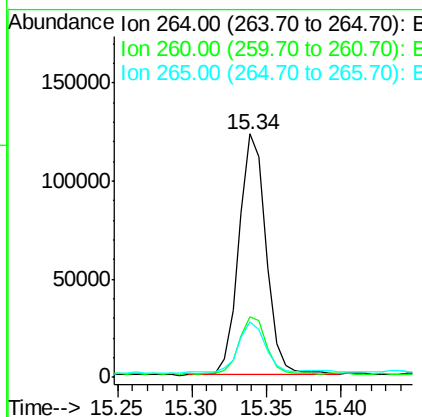
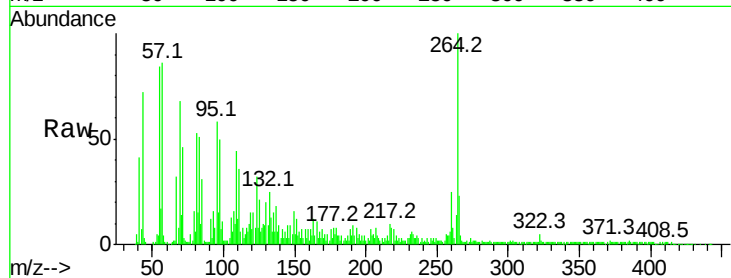
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.04 min
Lab File: BF102482.D
Acq: 26 Jan 2018 21:23

Instrument :
BNA_F
ClientSampleId :
WC-12(0-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.9	17.5	26.3

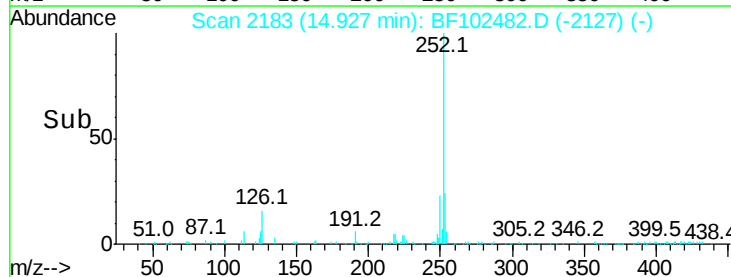
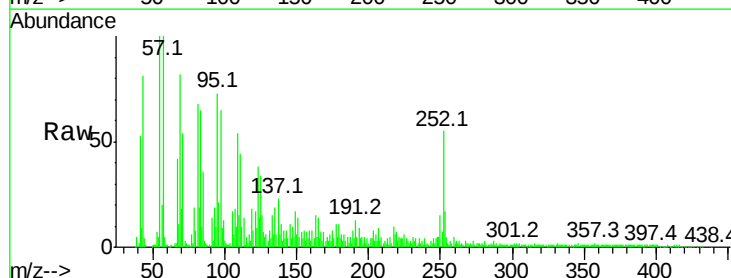
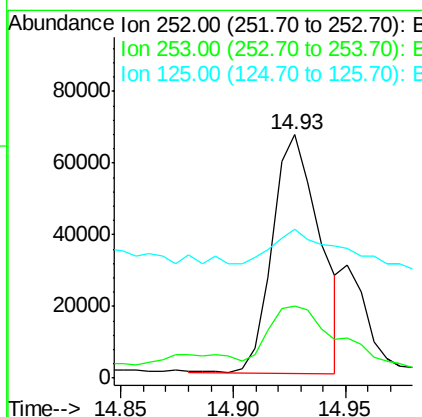
Manual Integrations
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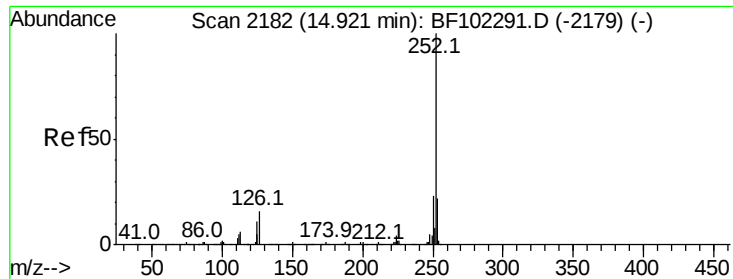
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#87
Benzo(b)fluoranthene
Concen: 9.782 ng m
RT: 14.93 min Scan# 2183
Delta R.T. 0.03 min
Lab File: BF102482.D
Acq: 26 Jan 2018 21:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.9	17.0	25.6#
125	61.4	9.0	13.6#





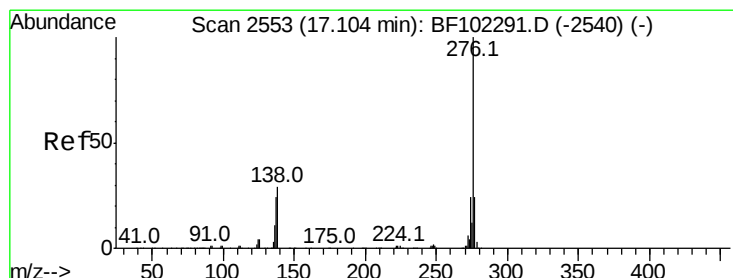
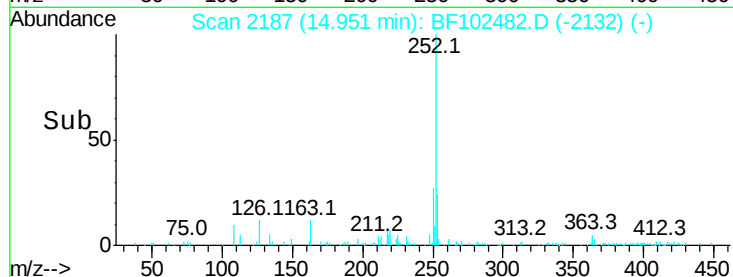
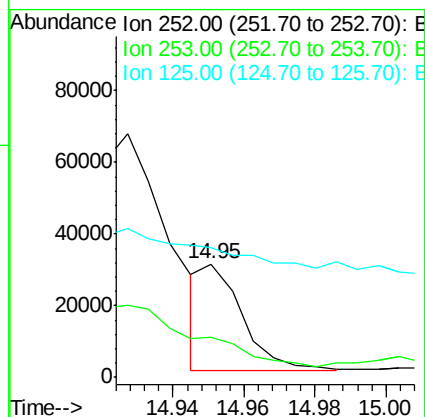
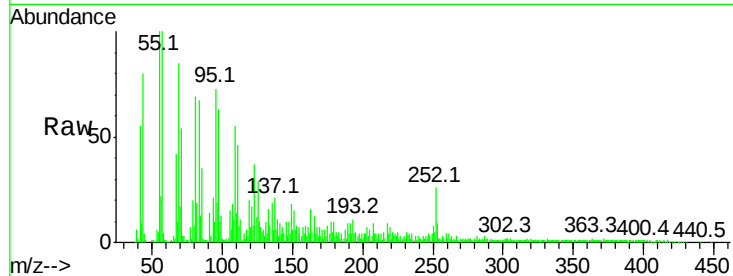
#88
Benzo(k)fluoranthene
Concen: 2.469 ng m
RT: 14.95 min Scan# 2187
Delta R.T. 0.02 min
Lab File: BF102482.D
Acq: 26 Jan 2018 21:23

Instrument :
BNA_F
ClientSampled :
WC-12(0-5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	35.1	17.9	26.9#
125	115.0	10.2	15.2#

Manual Integrations
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1/27/2018 1:47:21 PM



#91
Benzo(g,h,i)perylene
Concen: 6.175 ng
RT: 17.17 min Scan# 2565
Delta R.T. 0.05 min
Lab File: BF102482.D
Acq: 26 Jan 2018 21:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.5	17.9	26.9#
138	40.3	21.8	32.8#

