

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
 Data File : BF102598.D
 Acq On : 29 Jan 2018 15:30
 Operator : SJ/JU
 Sample : J1253-09 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-05(0-5)

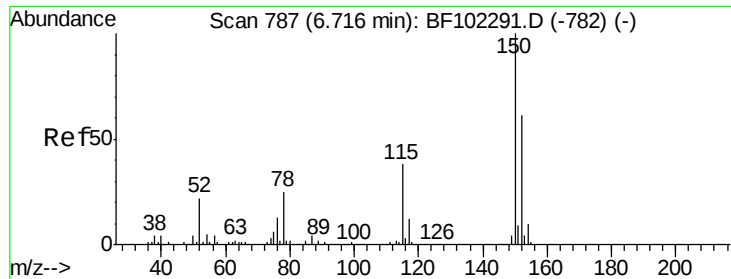
Manual Integrations
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Quant Time: Jan 30 01:21:57 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	183537	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	733386	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	274590	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	419024	20.00	ng	0.00
75) Chrysene-d12	13.89	240	328912	20.00	ng	0.00
86) Perylene-d12	15.33	264	243633	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	289977	23.96	ng	0.01
7) Phenol-d6	6.36	99	662326	45.39	ng	0.00
23) Nitrobenzene-d5	7.28	82	416011	32.60	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	24889	9.15	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	685680	36.72	ng	0.00
78) Terphenyl-d14	12.83	244	507511	34.78	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	134853	5.942	ng	Qvalue 100
70) Phenanthrene	11.26	178	106170	4.348	ng	97
74) Fluoranthene	12.46	202	178037	7.150	ng	99
77) Pyrene	12.69	202	164934	6.486	ng	98
80) Benzo(a)anthracene	13.87	228	73903	3.650	ng	95
82) Chrysene	13.91	228	77878	3.787	ng	95
83) Bis(2-ethylhexyl)phthalate	13.86	149	883789	51.964	ng	# 98
87) Benzo(b)fluoranthene	14.92	252	73291m	4.641	ng	
88) Benzo(k)fluoranthene	14.94	252	33638m	2.255	ng	
89) Benzo(a)pyrene	15.27	252	46799	3.286	ng	# 63
91) Benzo(g,h,i)perylene	17.17	276	24260	2.130	ng	# 79

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



#1

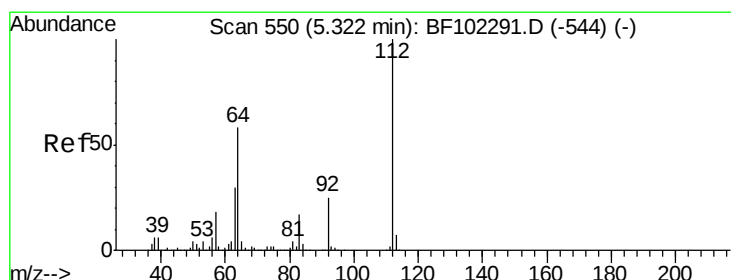
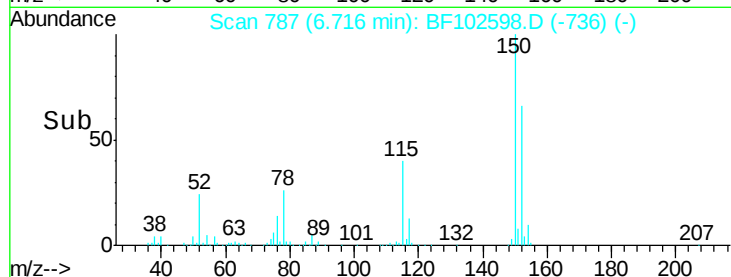
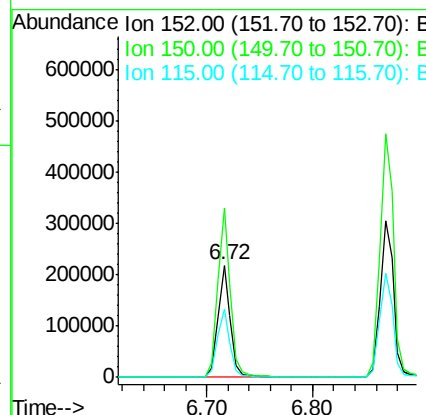
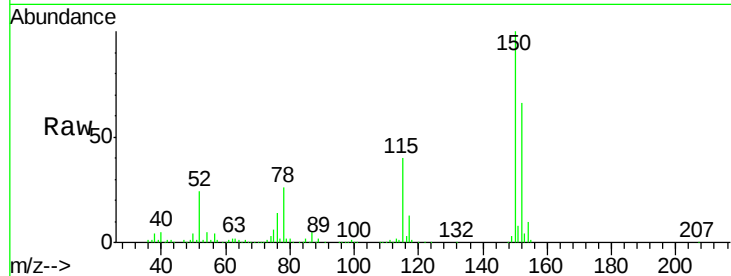
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102598.D
Acq: 29 Jan 2018 15:30

Instrument :
BNA_F
ClientSampleId :
WC-05(0-5)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.1	124.6	186.8
115	60.5	50.1	75.1

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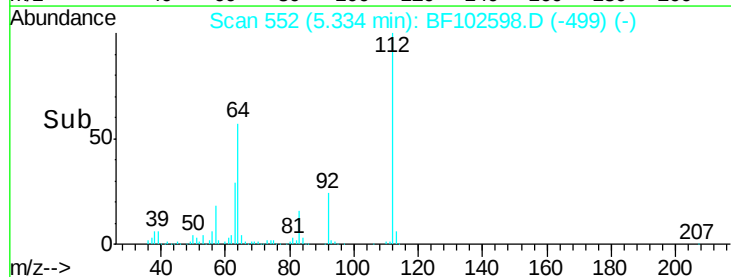
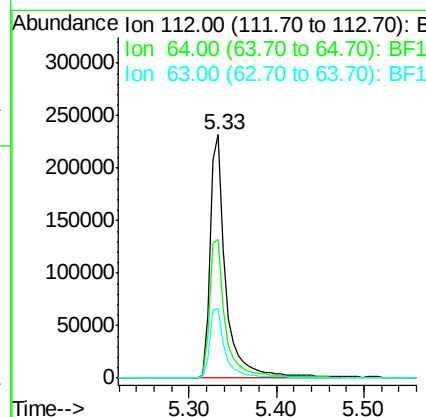
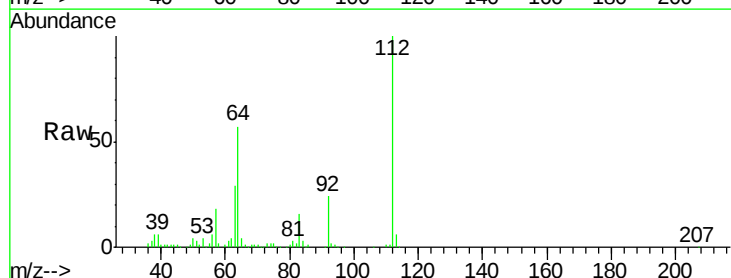
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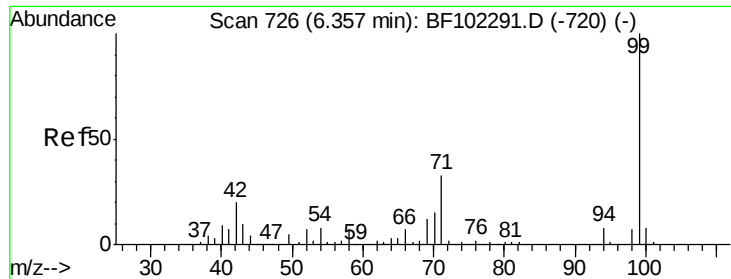


#5

2-Fluorophenol
Concen: 23.956 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102598.D
Acq: 29 Jan 2018 15:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.9	71.9
63	28.5	23.7	35.5





#7

Phenol-d6

Concen: 45.386 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102598.D

Acq: 29 Jan 2018 15:30

Instrument :

BNA_F

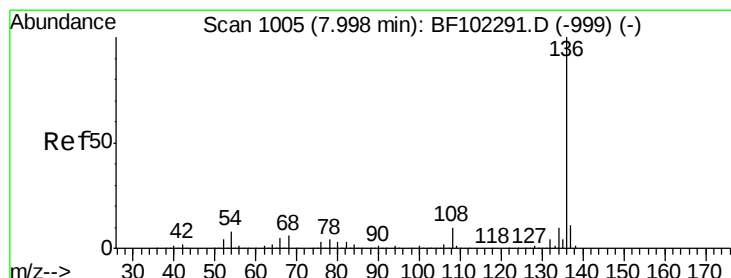
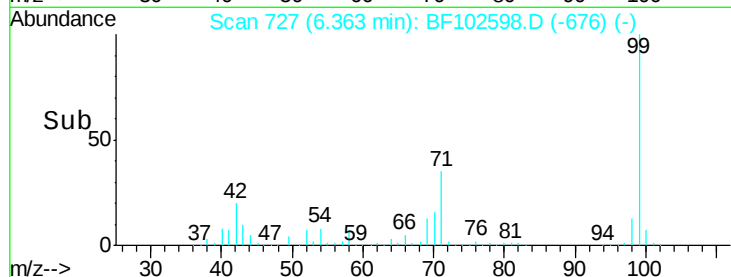
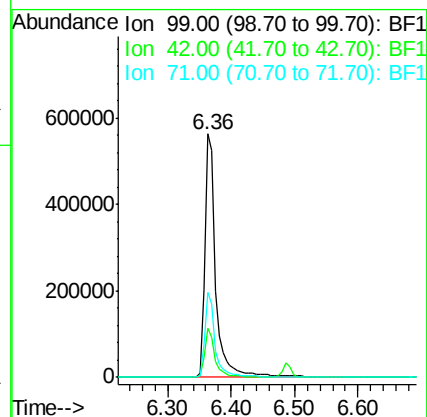
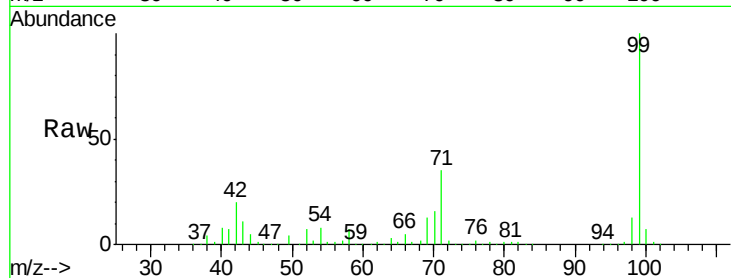
ClientSampleId :

WC-05(0-5)

Tgt Ion:	99	Resp:	662326
Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	35.0	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

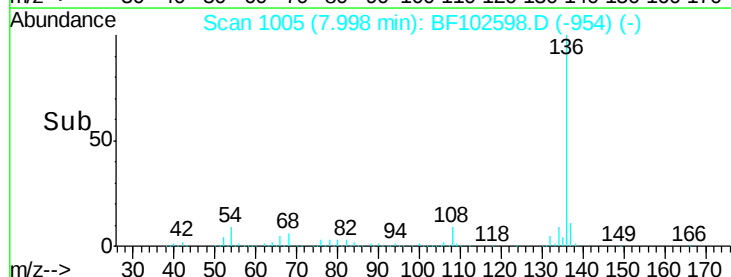
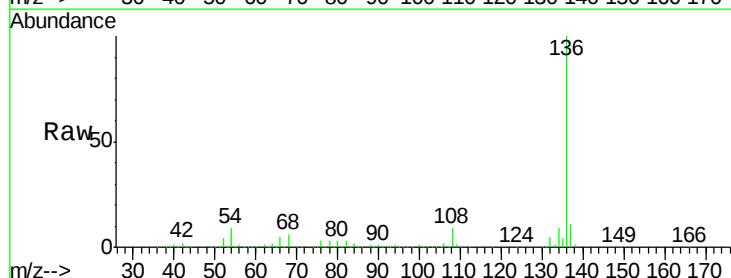
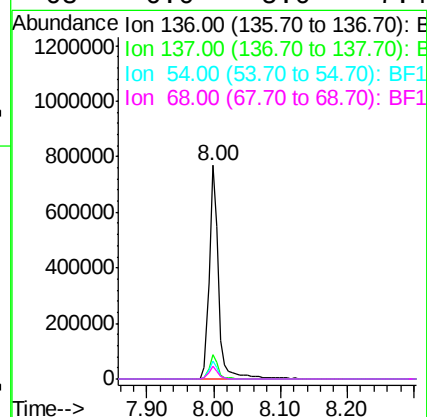
RT: 8.00 min Scan# 1005

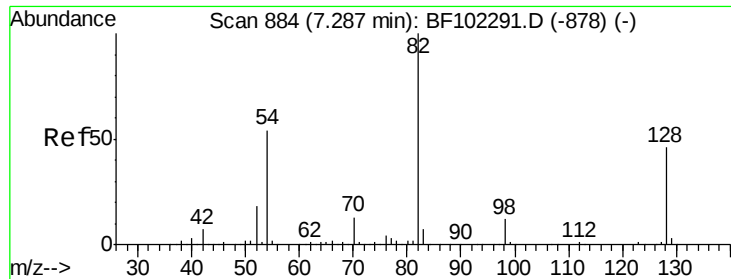
Delta R.T. -0.00 min

Lab File: BF102598.D

Acq: 29 Jan 2018 15:30

Tgt Ion:	136	Resp:	733386
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.6	6.6	9.8
68	6.0	5.0	7.4





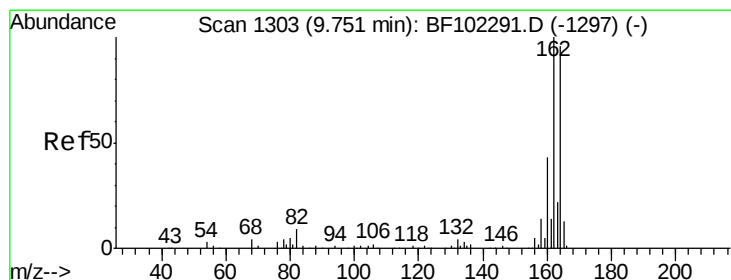
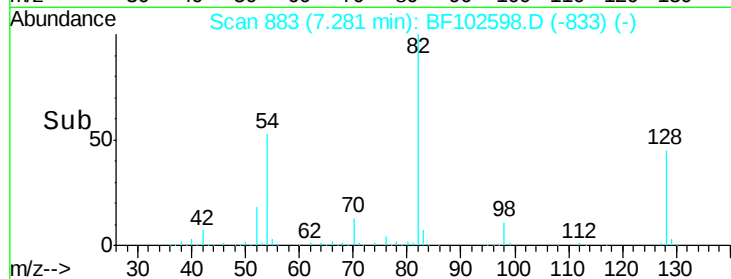
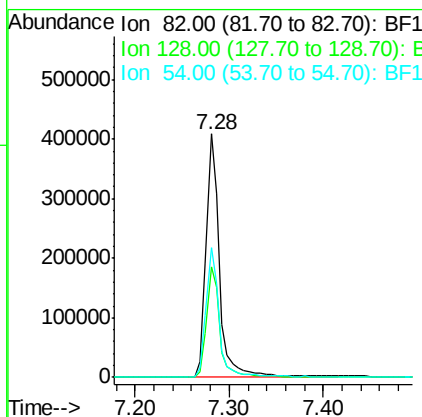
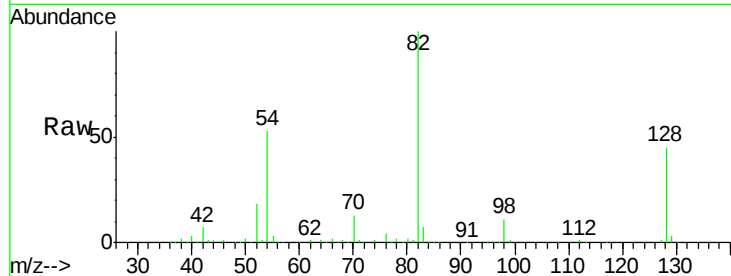
#23
Nitrobenzene-d5
Concen: 32.598 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102598.D
Acq: 29 Jan 2018 15:30

Instrument :
BNA_F
ClientSampled :
WC-05(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	416011		
128	45.3	36.1	54.1	
54	53.1	41.4	62.2	

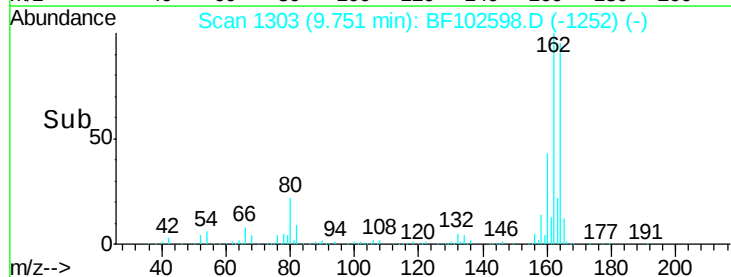
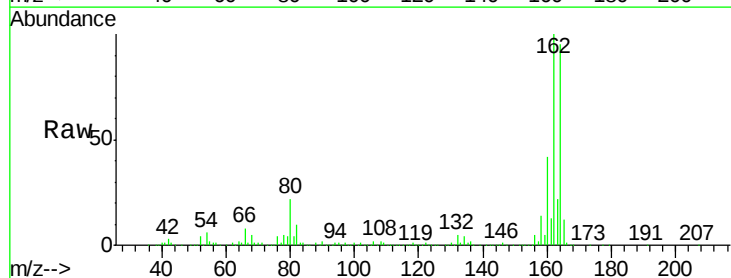
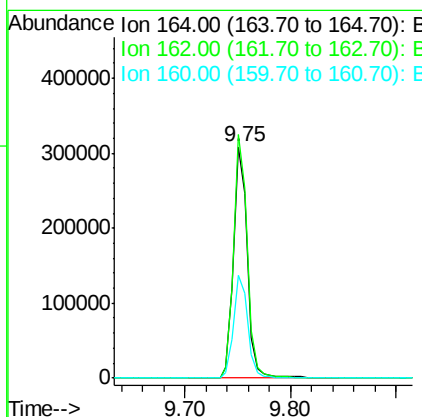
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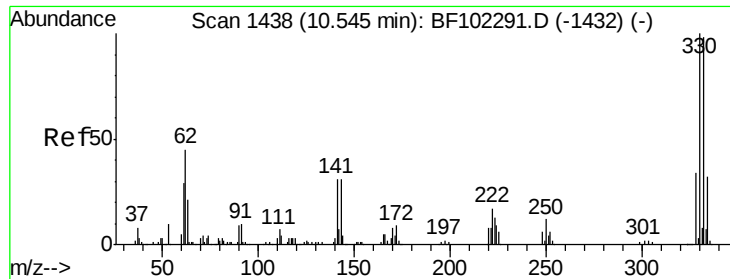
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102598.D
Acq: 29 Jan 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	274590		
162	105.4	86.1	129.1	
160	44.7	38.3	57.5	





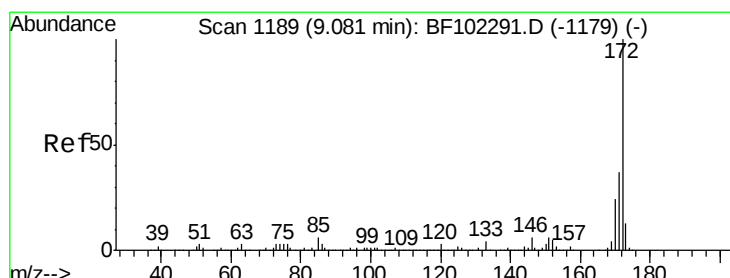
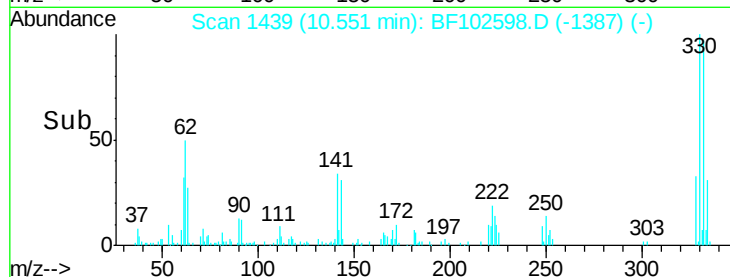
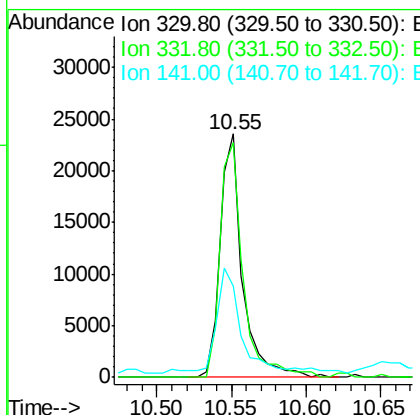
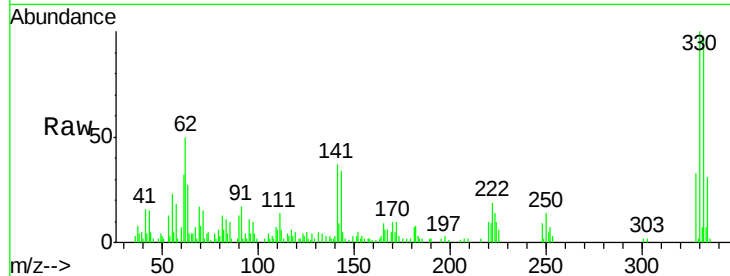
#41
 2,4,6-Tribromophenol
 Concen: 9.148 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102598.D
 Acq: 29 Jan 2018 15:30

Instrument :
 BNA_F
 ClientSampleId :
 WC-05(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	24889		
332	99.5	77.0	115.6	
141	47.1	29.9	44.9#	

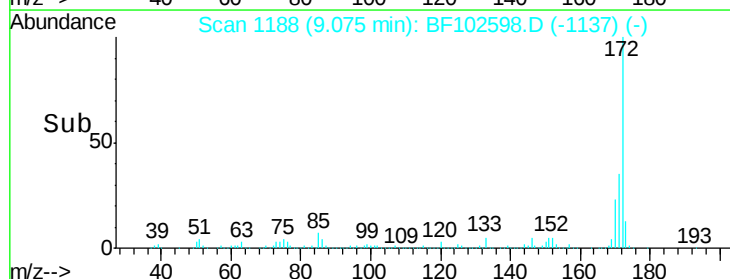
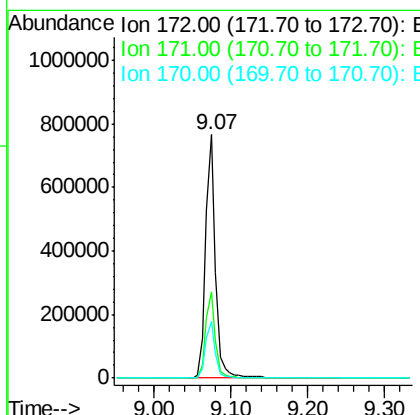
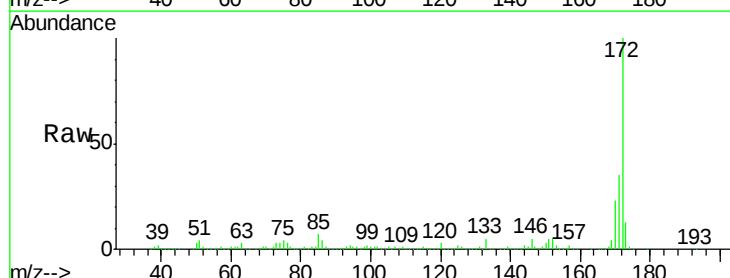
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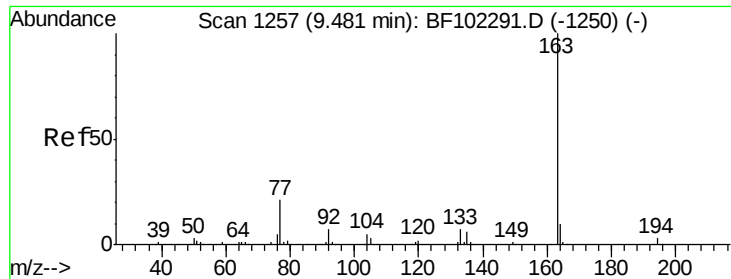
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#44
 2-Fluorobiphenyl
 Concen: 36.716 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF102598.D
 Acq: 29 Jan 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	685680		
171	35.4	29.7	44.5	
170	23.4	19.6	29.4	





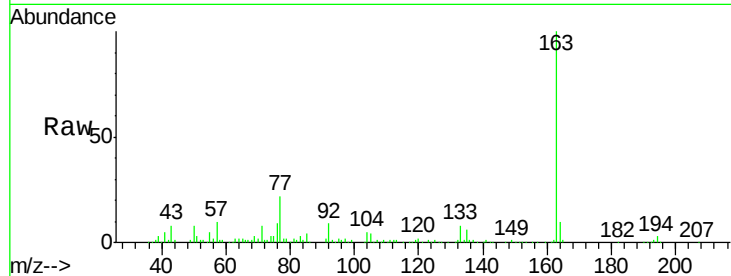
#49
Dimethylphthalate
Concen: 5.942 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102598.D
Acq: 29 Jan 2018 15:30

Instrument :
BNA_F
ClientSampleId :
WC-05(0-5)

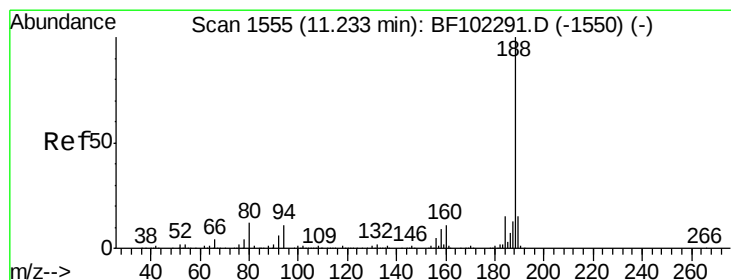
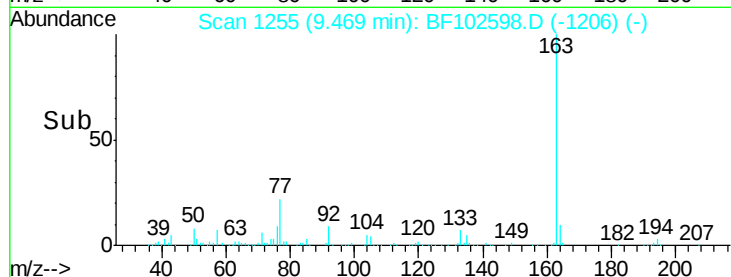
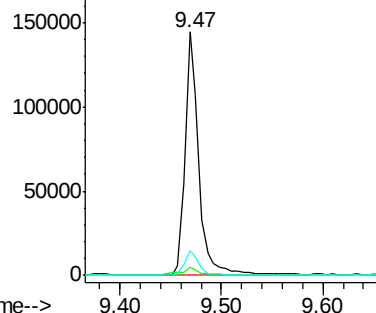
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	134853		
194	3.1	2.7	4.1	
164	10.2	8.2	12.2	

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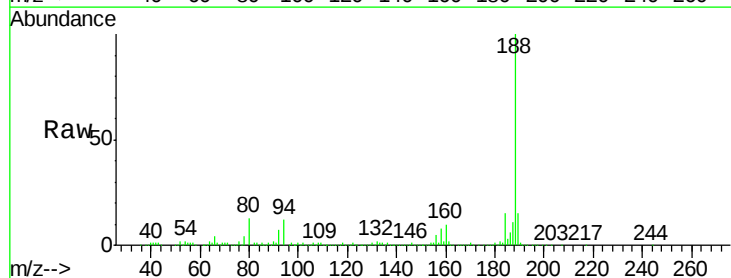


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

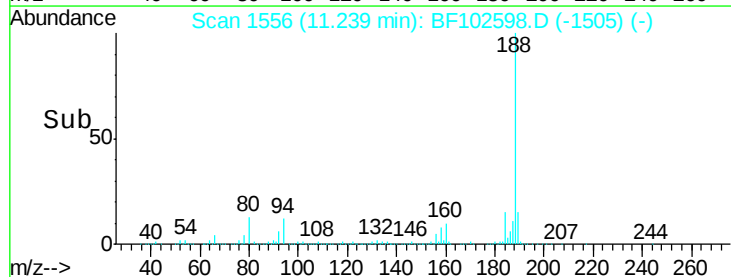
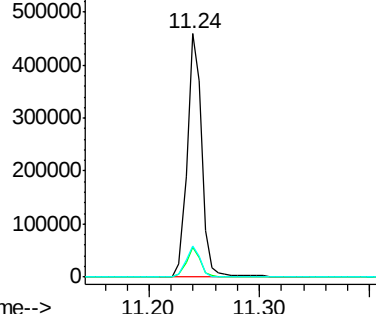


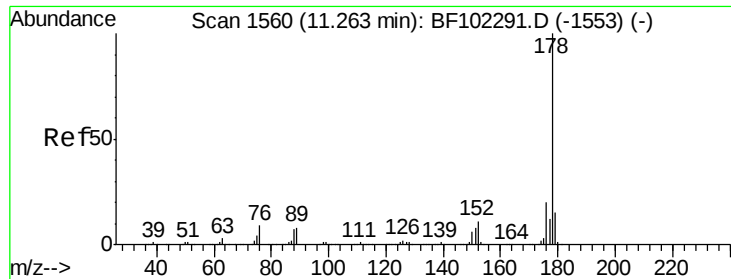
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102598.D
Acq: 29 Jan 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	419024		
94	12.2	8.5	12.7	
80	12.6	9.2	13.8	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





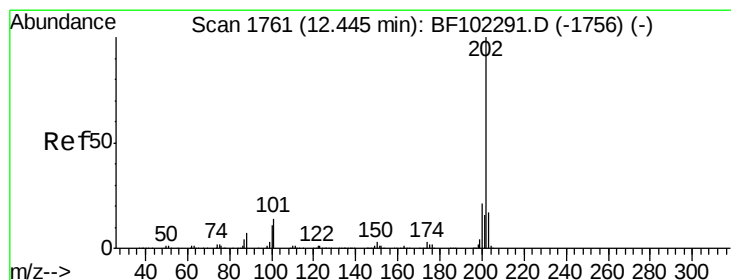
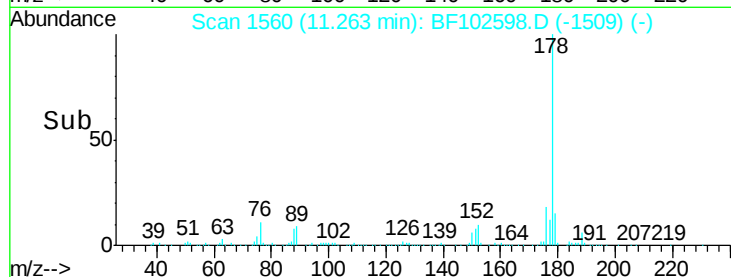
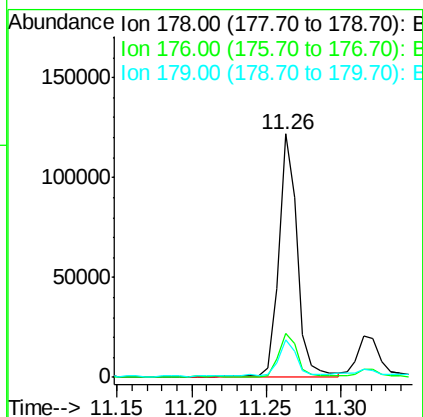
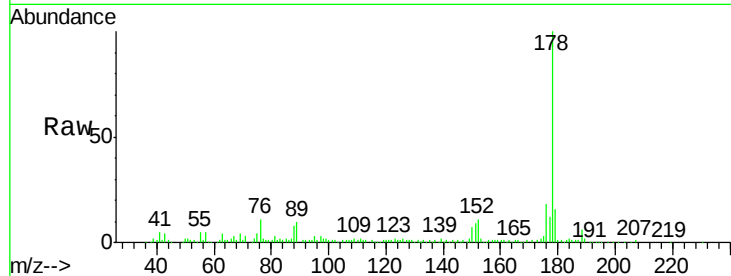
#70
Phenanthrene
Concen: 4.348 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF102598.D
Acq: 29 Jan 2018 15:30

Instrument :
BNA_F
ClientSampleId :
WC-05(0-5)

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	15.6	13.0	19.6

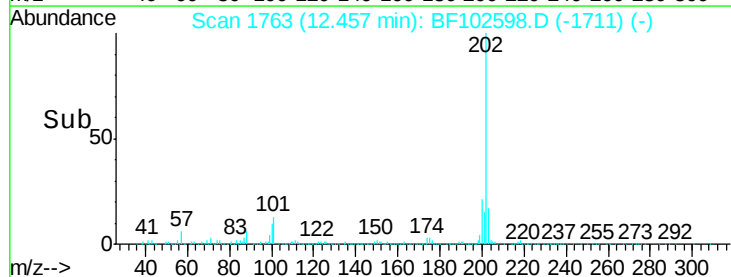
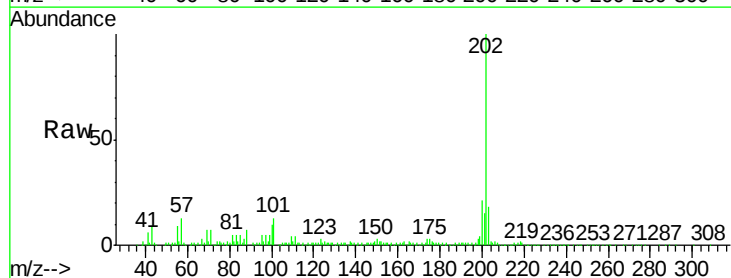
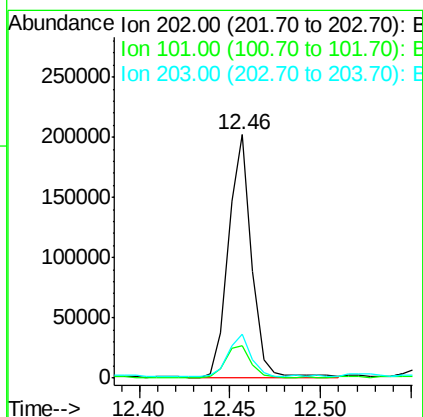
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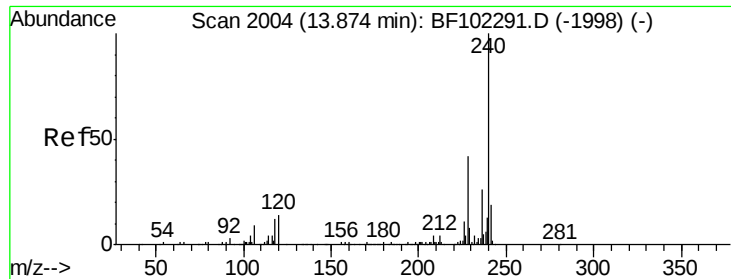
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#74
Fluoranthene
Concen: 7.150 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF102598.D
Acq: 29 Jan 2018 15:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF102598.D

Acq: 29 Jan 2018 15:30

Instrument :

BNA_F

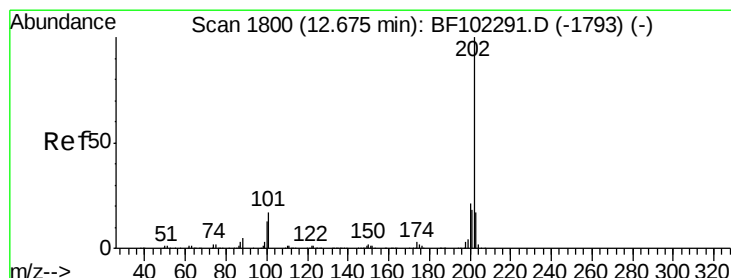
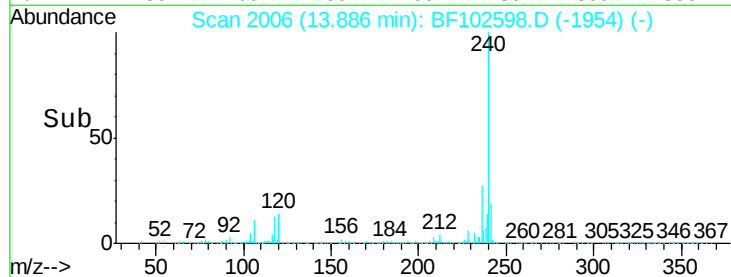
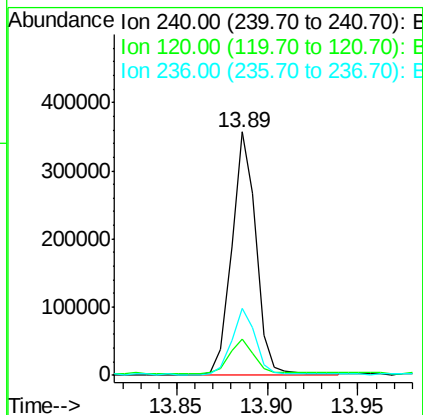
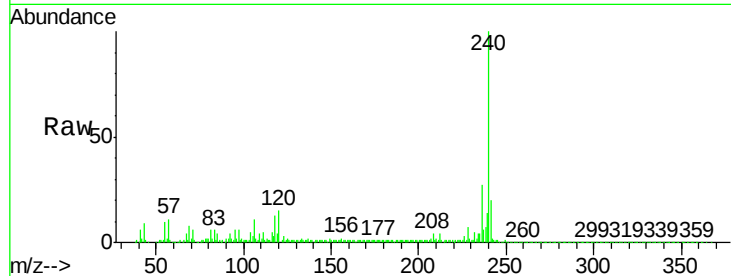
ClientSampleId :

WC-05(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	328912		
120	15.0	9.5	14.3#	
236	27.3	20.7	31.1	

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#77

Pyrene

Concen: 6.486 ng

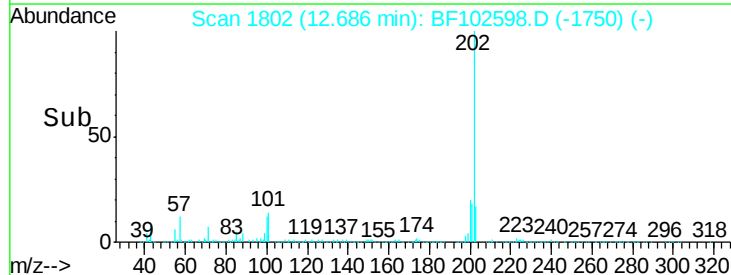
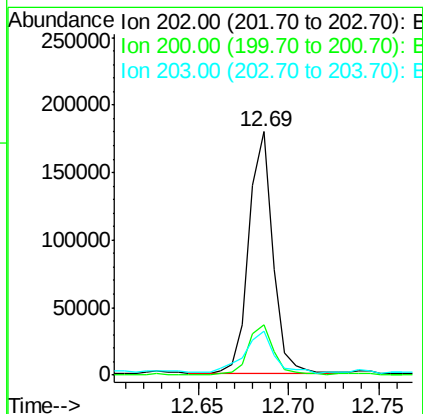
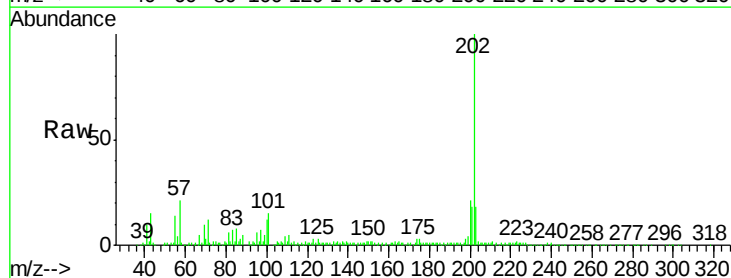
RT: 12.69 min Scan# 1802

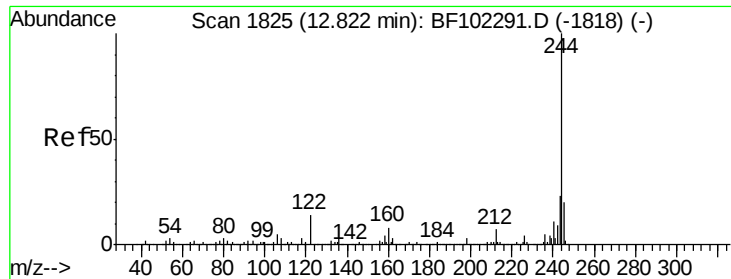
Delta R.T. 0.01 min

Lab File: BF102598.D

Acq: 29 Jan 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	164934		
200	20.6	17.4	26.2	
203	18.3	14.3	21.5	





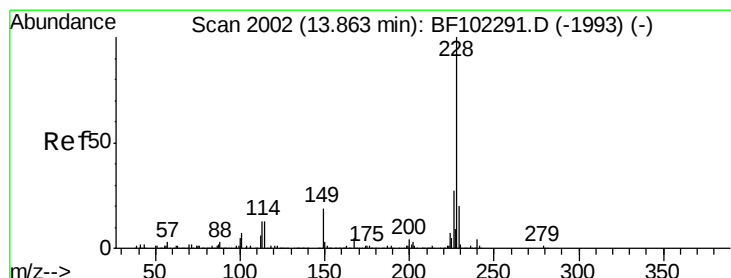
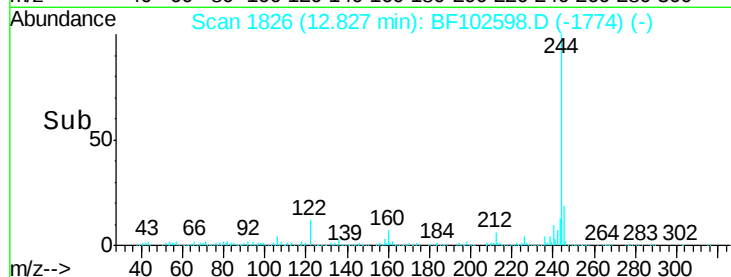
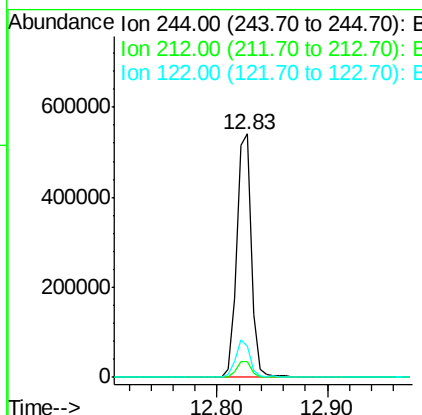
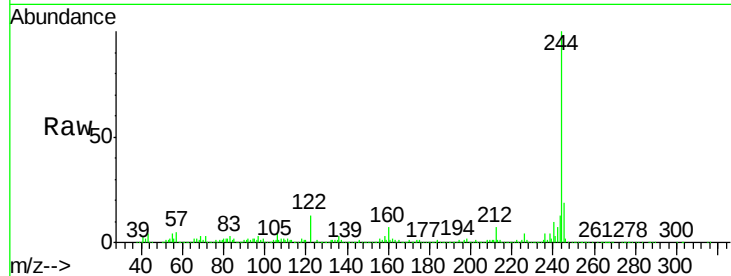
#78
 Terphenyl-d14
 Concen: 34.785 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: BF102598.D
 Acq: 29 Jan 2018 15:30

Instrument :
 BNA_F
 ClientSampleId :
 WC-05(0-5)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.6	11.0	16.4

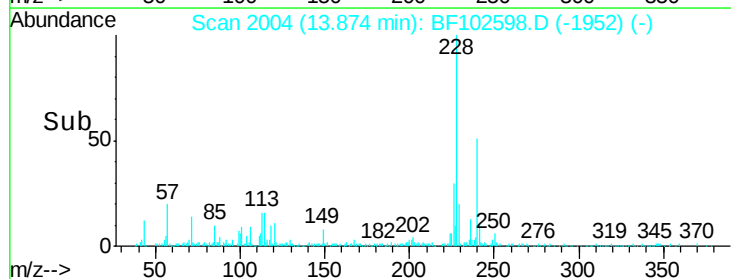
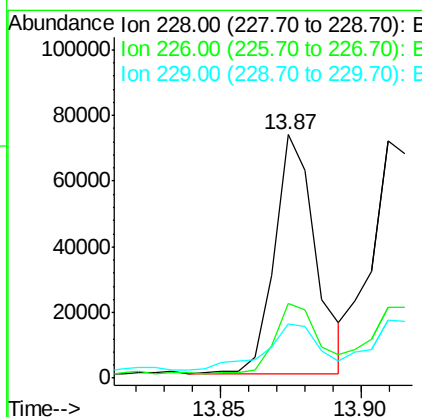
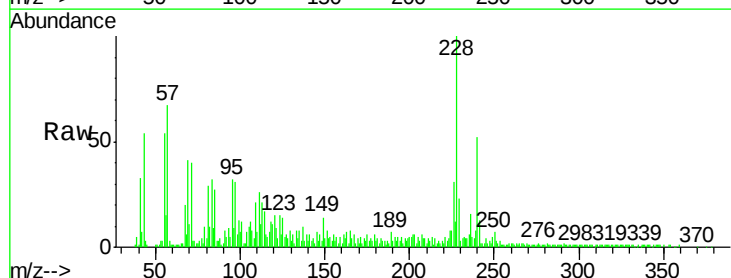
Manual Integrations
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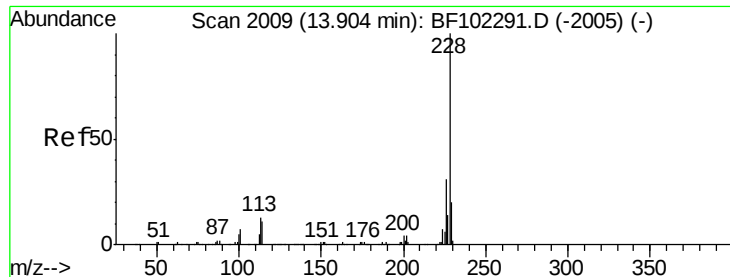
Sohil
 1/30/2018 3:36:35 PM



#80
 Benzo(a)anthracene
 Concen: 3.650 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF102598.D
 Acq: 29 Jan 2018 15:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.6	33.8
229	22.5	15.8	23.6





#82

Chrysene

Concen: 3.787 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF102598.D

Acq: 29 Jan 2018 15:30

Instrument :

BNA_F

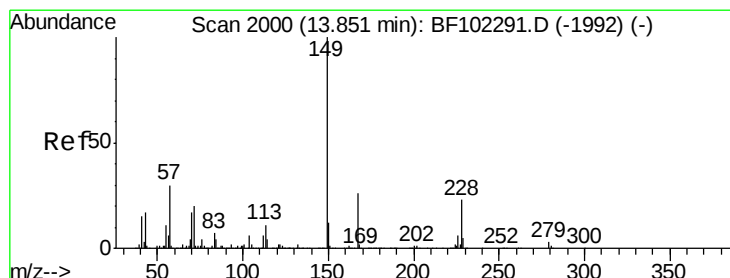
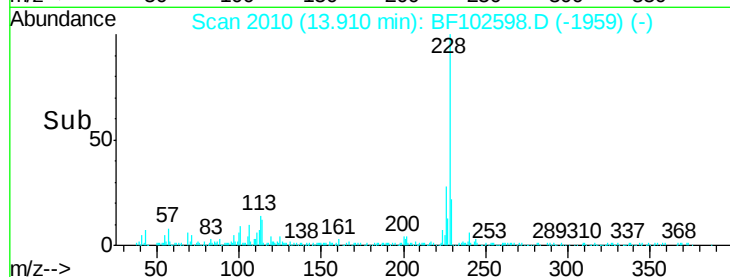
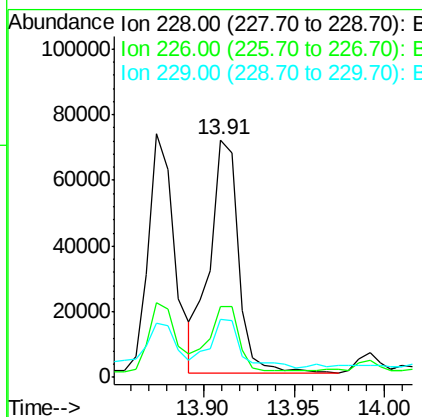
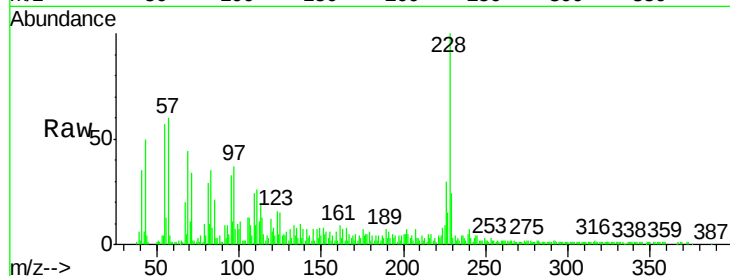
ClientSampled :

WC-05(0-5)

Tgt Ion:	228	Resp:	77878
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.0	37.6
229	24.2	16.2	24.4

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 51.964 ng

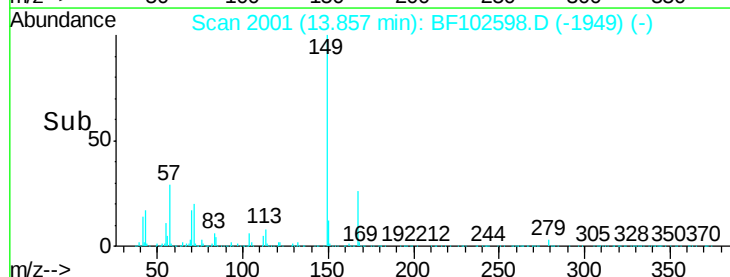
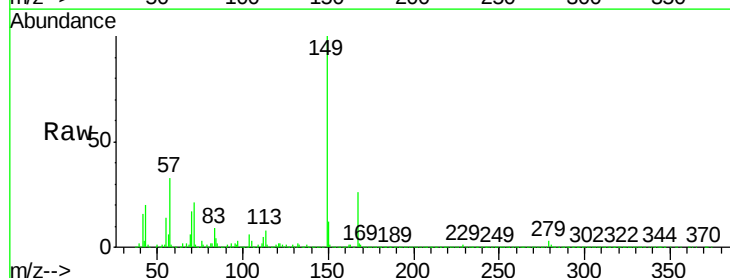
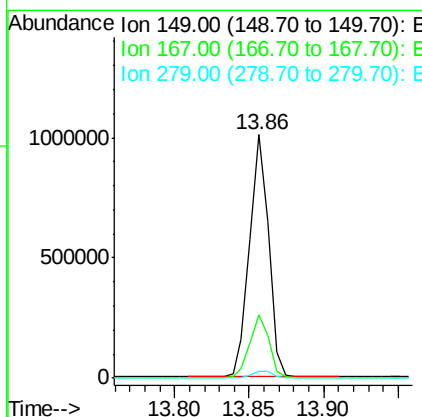
RT: 13.86 min Scan# 2001

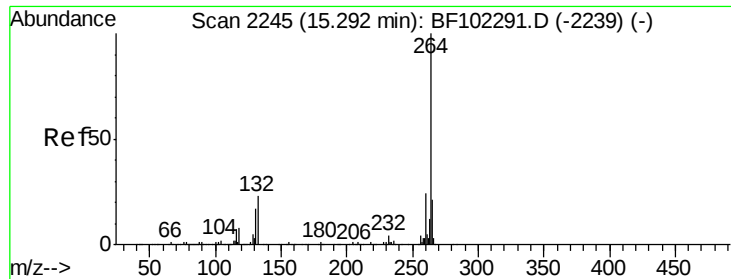
Delta R.T. 0.01 min

Lab File: BF102598.D

Acq: 29 Jan 2018 15:30

Tgt Ion:	149	Resp:	883789
Ion Ratio	Lower	Upper	
149	100		
167	25.9	21.3	31.9
279	2.8	3.0	4.4#





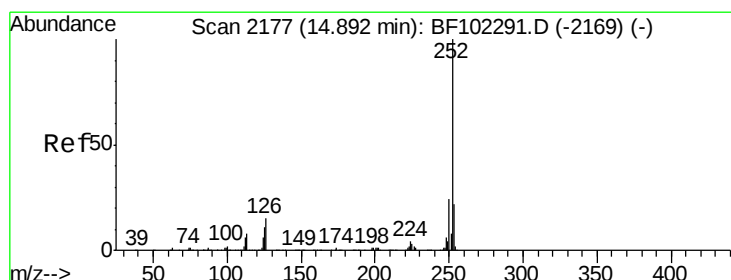
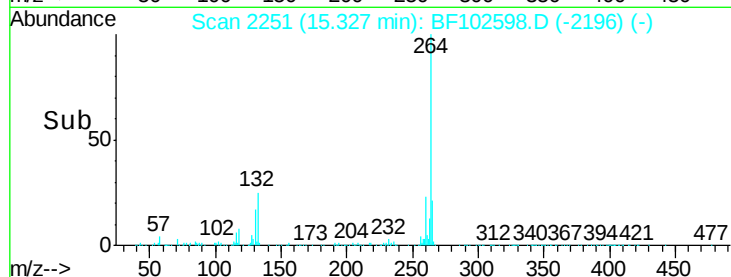
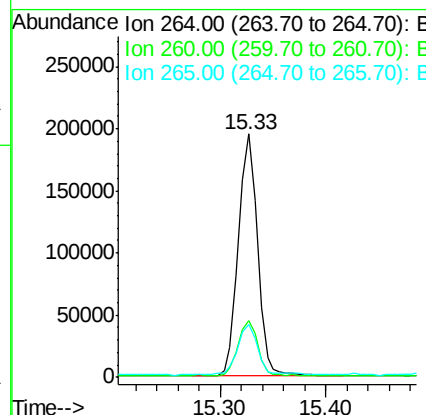
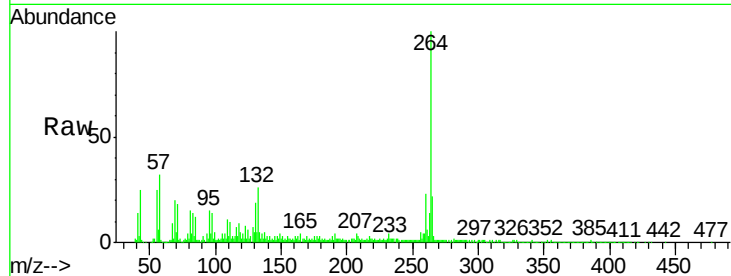
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.02 min
Lab File: BF102598.D
Acq: 29 Jan 2018 15:30

Instrument :
BNA_F
ClientSampled :
WC-05(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	243633		
260	23.4	19.2	28.8	
265	21.8	17.5	26.3	

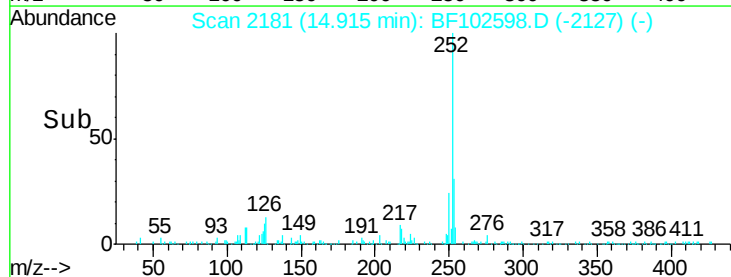
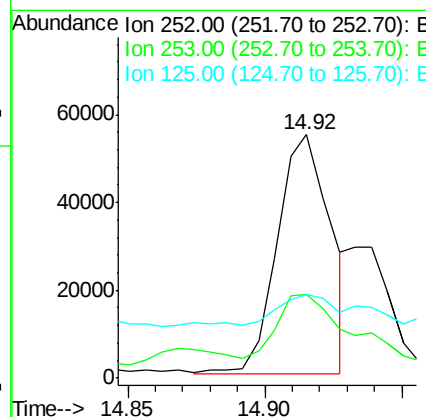
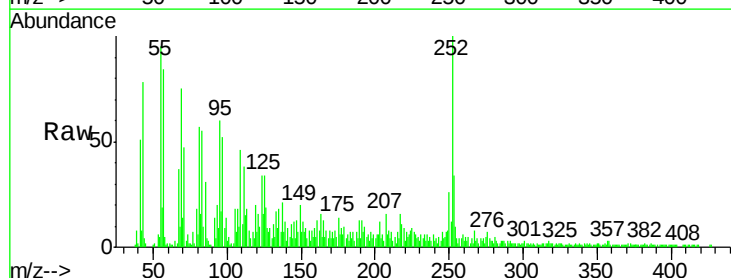
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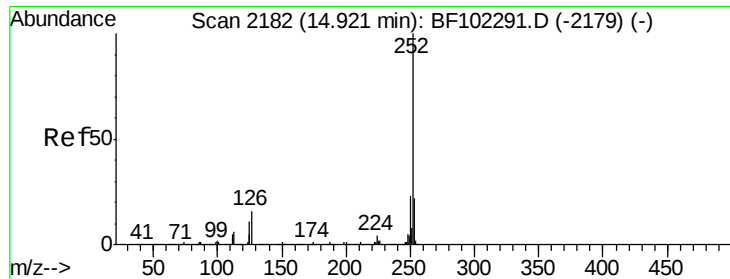
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#87
Benzo(b)fluoranthene
Concen: 4.641 ng m
RT: 14.92 min Scan# 2181
Delta R.T. 0.02 min
Lab File: BF102598.D
Acq: 29 Jan 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	73291		
253	34.3	17.0	25.6#	
125	34.3	9.0	13.6#	





#88

Benzo(k)fluoranthene

Concen: 2.255 ng m

RT: 14.94 min Scan# 2185

Delta R.T. 0.01 min

Lab File: BF102598.D

Acq: 29 Jan 2018 15:30

Instrument :

BNA_F

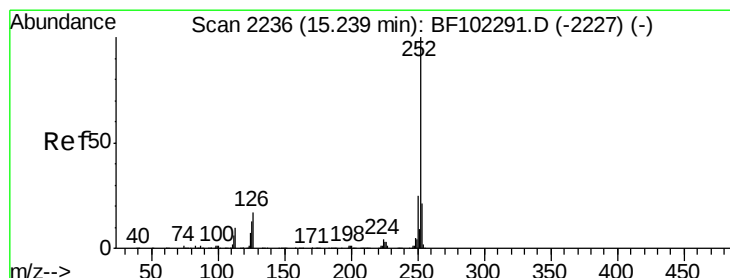
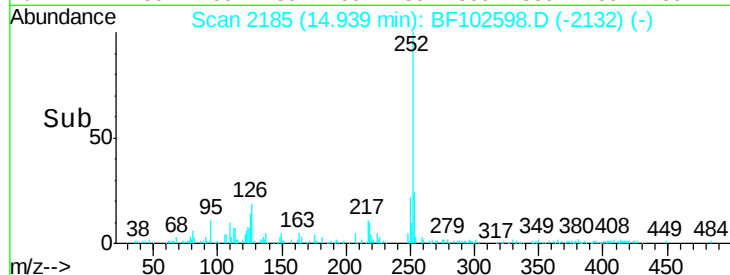
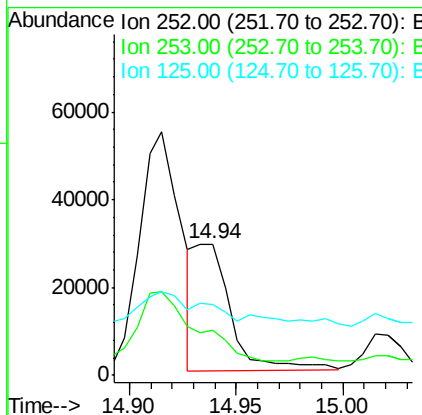
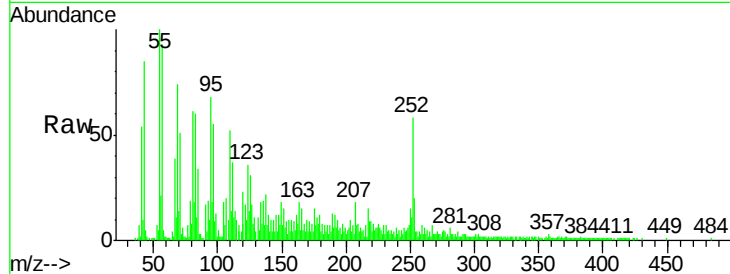
ClientSampled :

WC-05(0-5)

Tgt Ion:	252	Resp:	33638
Ion Ratio	Lower	Upper	
252	100		
253	34.0	17.9	26.9#
125	53.8	10.2	15.2#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 3.286 ng

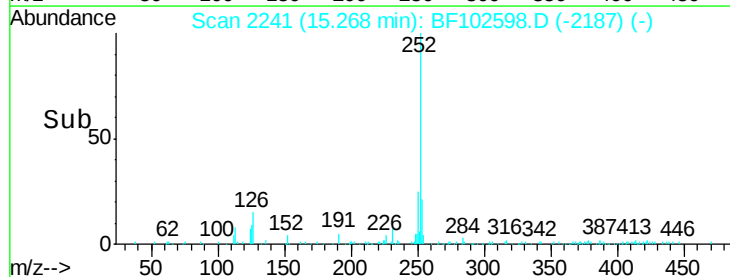
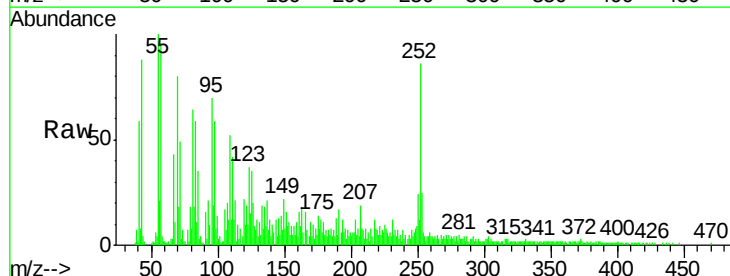
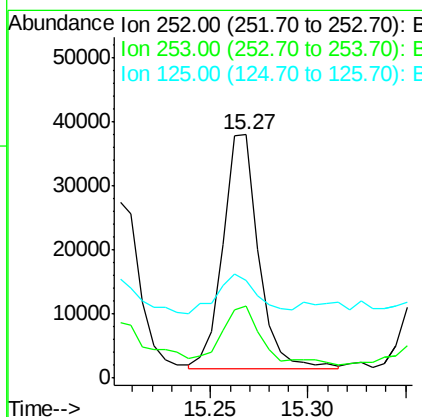
RT: 15.27 min Scan# 2241

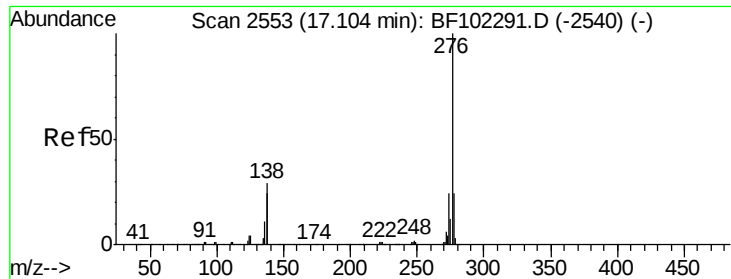
Delta R.T. 0.02 min

Lab File: BF102598.D

Acq: 29 Jan 2018 15:30

Tgt Ion:	252	Resp:	46799
Ion Ratio	Lower	Upper	
252	100		
253	29.5	17.1	25.7#
125	40.2	9.8	14.6#





#91
 Benzo(g,h,i)perylene
 Concen: 2.130 ng
 RT: 17.17 min Scan# 2564
 Delta R.T. 0.04 min
 Lab File: BF102598.D
 Acq: 29 Jan 2018 15:30

Instrument :
 BNA_F
 ClientSampleId :
 WC-05(0-5)

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.4	17.9	26.9#
138	40.7	21.8	32.8#

Manual Integrations
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