

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
 Data File : BF102597.D
 Acq On : 29 Jan 2018 15:03
 Operator : SJ/JU
 Sample : J1253-07 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-04(0-5)

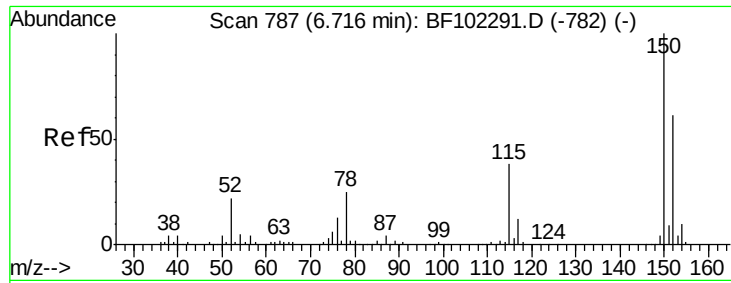
Manual Integrations
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Quant Time: Jan 30 01:10:05 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	160092	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	643540	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	252491	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	379472	20.00	ng	0.00
75) Chrysene-d12	13.89	240	279303	20.00	ng	0.00
86) Perylene-d12	15.33	264	221395	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	537370	50.90	ng	0.00
7) Phenol-d6	6.36	99	665629	52.29	ng	0.00
23) Nitrobenzene-d5	7.28	82	347762	31.05	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	83354	33.32	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	638748	37.20	ng	0.00
78) Terphenyl-d14	12.82	244	466101	37.62	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	81541	3.907	ng	99
51) Acenaphthene	9.79	154	61970	3.881	ng	98
54) Dibenzofuran	9.96	168	57784	2.674	ng	# 97
57) Fluorene	10.30	166	79054	4.617	ng	97
70) Phenanthrene	11.27	178	809554	36.610	ng	99
71) Anthracene	11.32	178	240821	10.670	ng	99
72) Carbazole	11.48	167	52057	2.364	ng	98
74) Fluoranthene	12.46	202	829193	36.772	ng	99
77) Pyrene	12.69	202	792335	36.691	ng	100
80) Benzo(a)anthracene	13.88	228	210046	12.215	ng	97
82) Chrysene	13.92	228	343794	19.688	ng	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	3301307	228.585	ng	99
85) Indeno(1,2,3-cd)pyrene	16.74	276	109585	7.599	ng	98
87) Benzo(b)fluoranthene	14.92	252	321687m	22.418	ng	
88) Benzo(k)fluoranthene	14.94	252	94629m	6.980	ng	
89) Benzo(a)pyrene	15.27	252	219607	16.969	ng	# 90
90) Dibenzo(a,h)anthracene	16.74	278	27662	2.639	ng	# 72
91) Benzo(g,h,i)perylene	17.17	276	106113	10.251	ng	# 92

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



#1

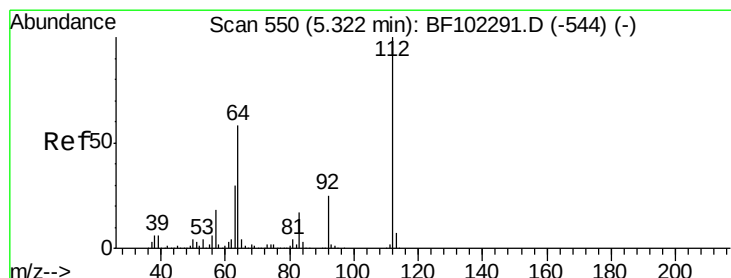
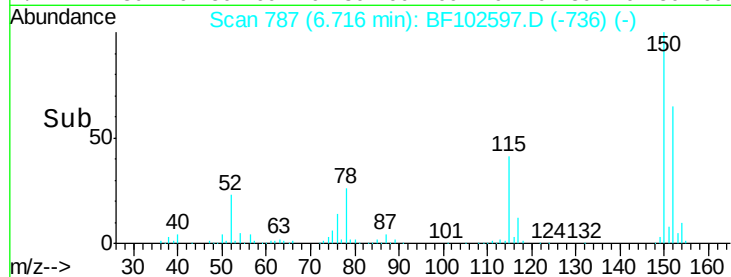
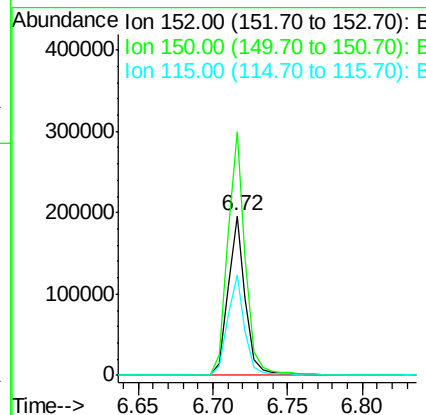
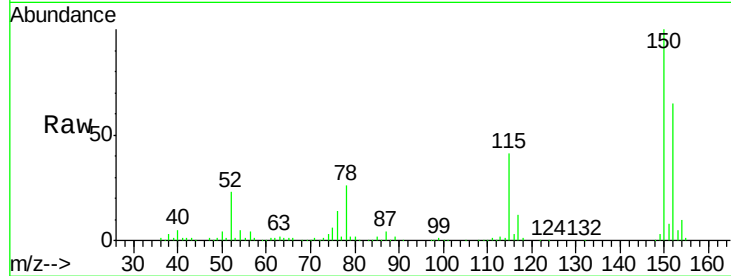
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF102597.D
 Acq: 29 Jan 2018 15:03

Instrument :
 BNA_F
 ClientSampleId :
 WC-04(0-5)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.6	186.8
115	62.8	50.1	75.1

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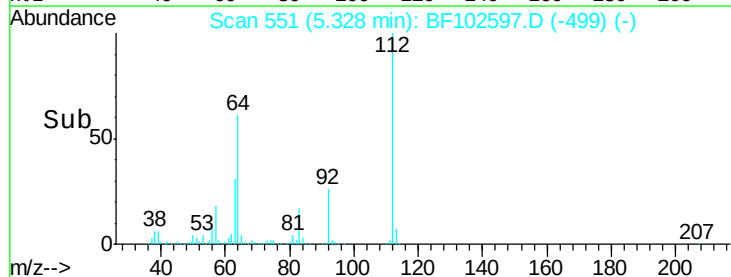
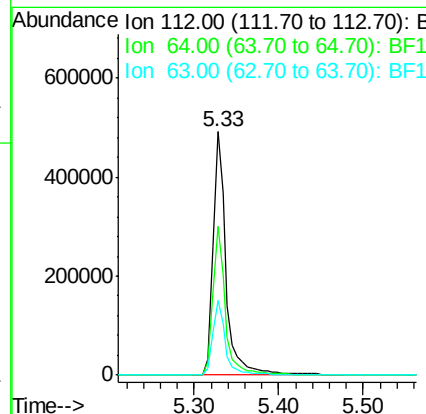
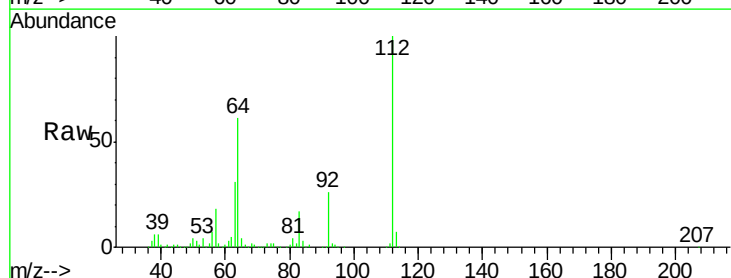
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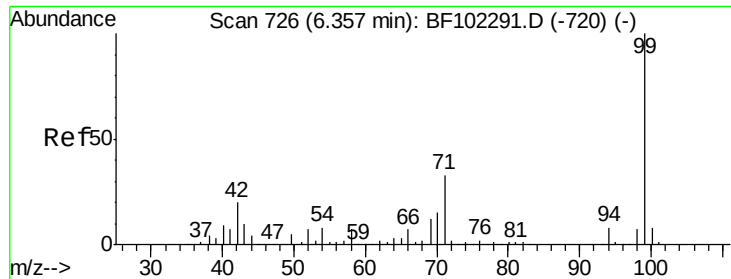


#5

2-Fluorophenol
 Concen: 50.895 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF102597.D
 Acq: 29 Jan 2018 15:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	47.9	71.9
63	30.5	23.7	35.5





#7

Phenol-d6

Concen: 52.292 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102597.D

Acq: 29 Jan 2018 15:03

Instrument :

BNA_F

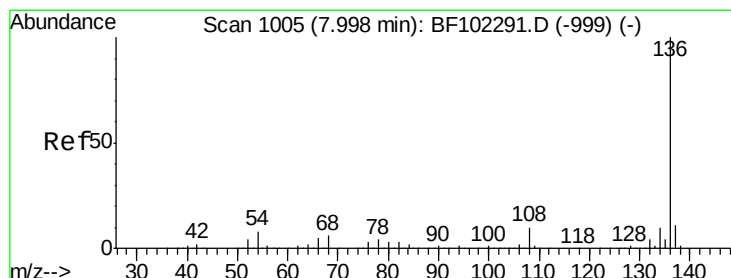
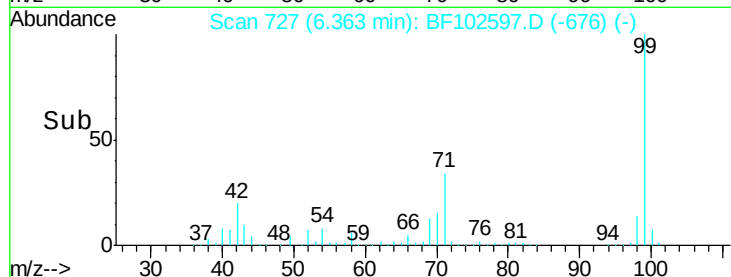
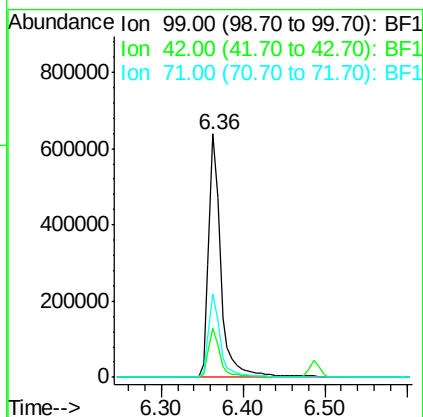
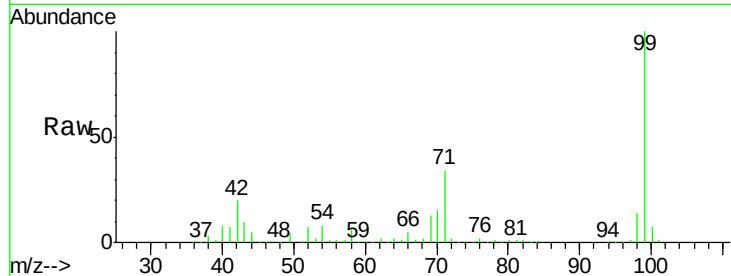
ClientSampleId :

WC-04(0-5)

Tgt Ion:	99	Resp:	665629
Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	34.3	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

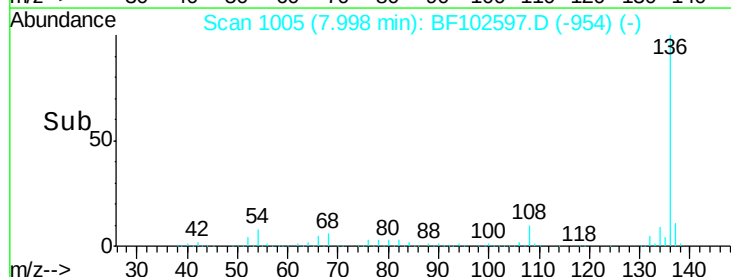
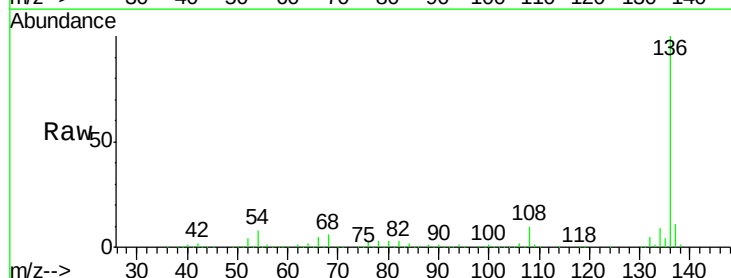
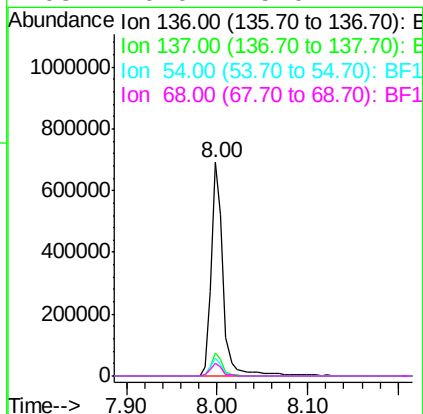
RT: 8.00 min Scan# 1005

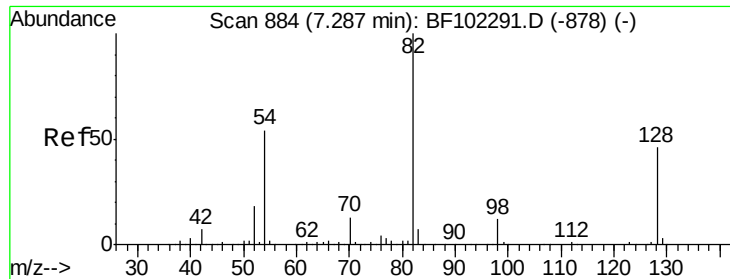
Delta R.T. -0.00 min

Lab File: BF102597.D

Acq: 29 Jan 2018 15:03

Tgt Ion:	136	Resp:	643540
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.5	6.6	9.8
68	6.0	5.0	7.4





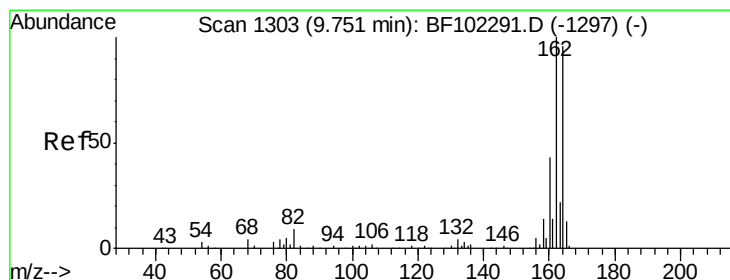
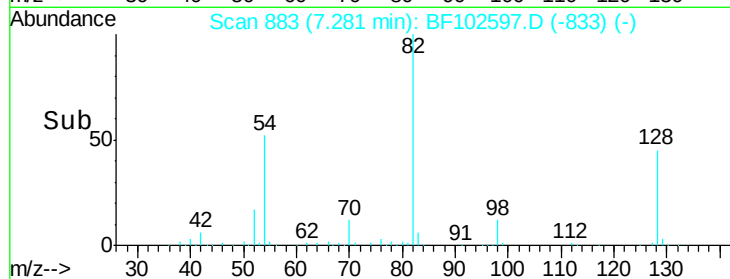
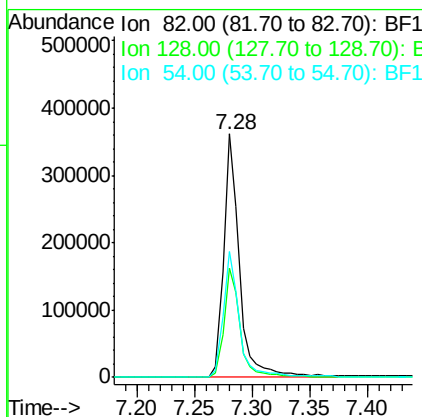
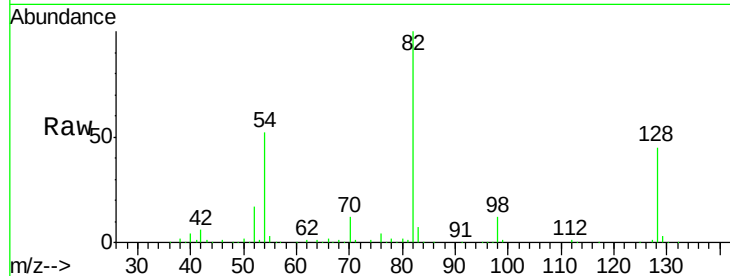
#23
Nitrobenzene-d5
Concen: 31.054 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102597.D
Acq: 29 Jan 2018 15:03

Instrument :
BNA_F
ClientSampleId :
WC-04(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	347762		
128	45.0	36.1	54.1	
54	51.9	41.4	62.2	

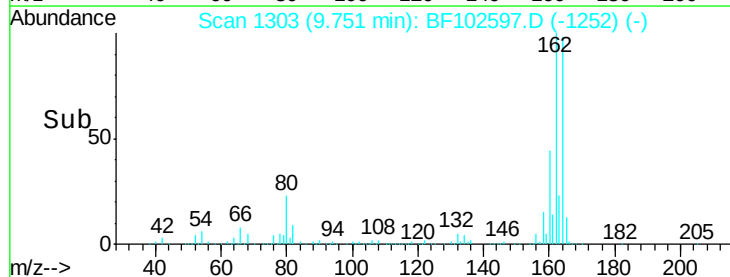
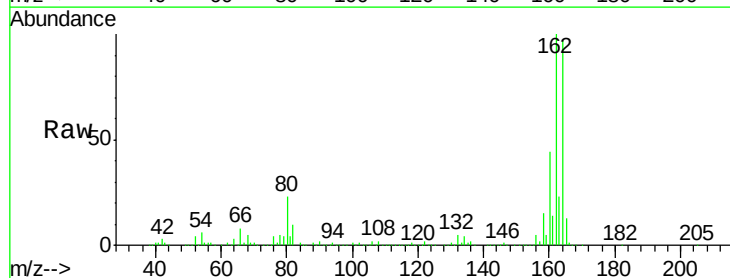
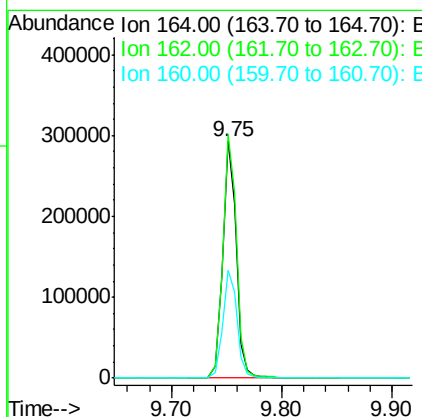
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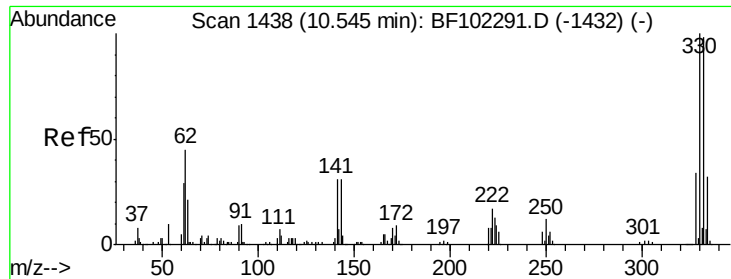
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102597.D
Acq: 29 Jan 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	252491		
162	102.7	86.1	129.1	
160	45.4	38.3	57.5	





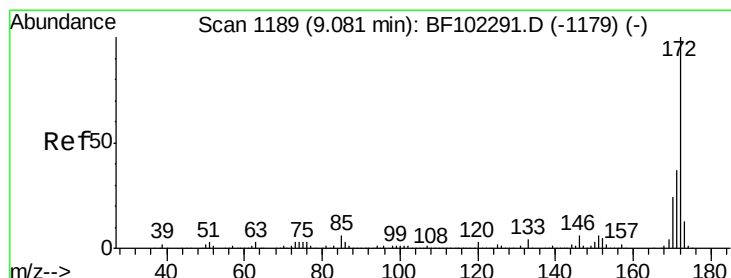
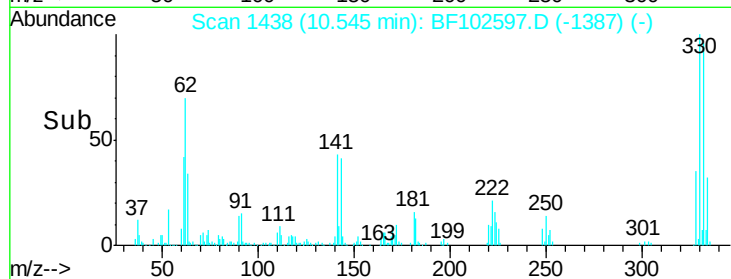
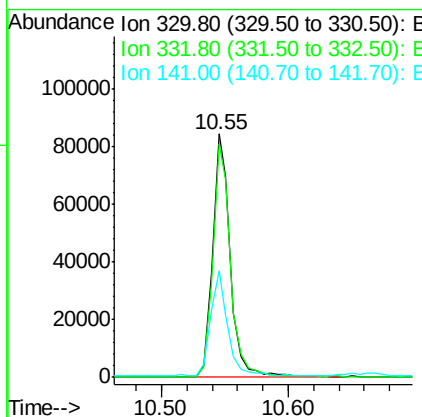
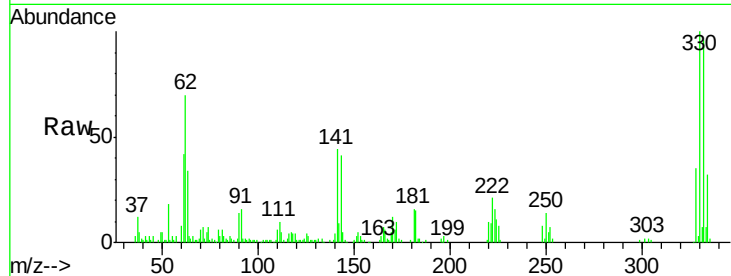
#41
 2,4,6-Tribromophenol
 Concen: 33.317 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102597.D
 Acq: 29 Jan 2018 15:03

Instrument :
 BNA_F
 ClientSampled :
 WC-04(0-5)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	42.1	29.9	44.9

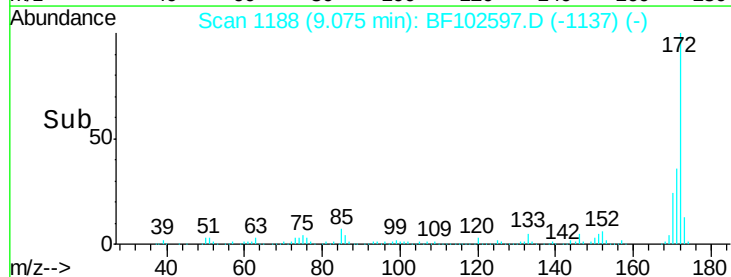
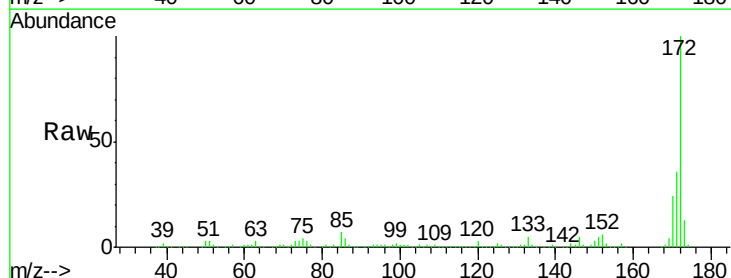
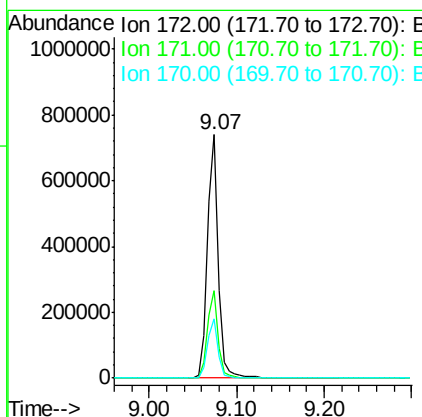
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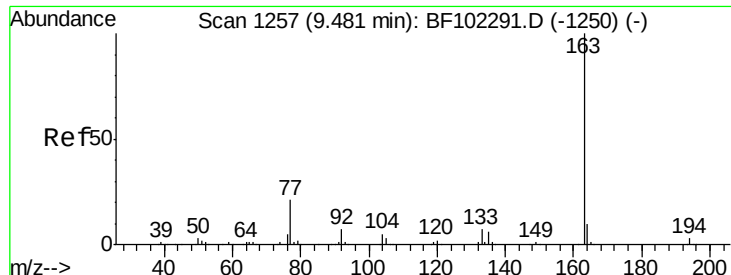
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#44
 2-Fluorobiphenyl
 Concen: 37.197 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF102597.D
 Acq: 29 Jan 2018 15:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	19.6	29.4





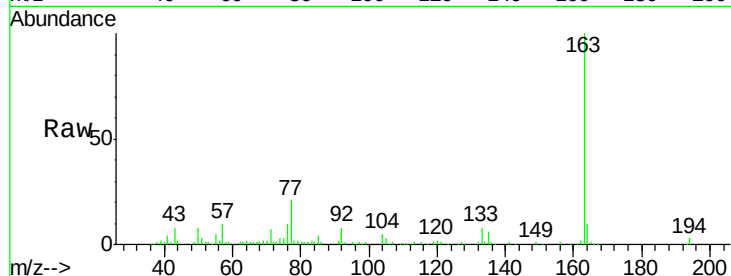
#49
Dimethylphthalate
Concen: 3.907 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102597.D
Acq: 29 Jan 2018 15:03

Instrument :
BNA_F
ClientSampleId :
WC-04(0-5)

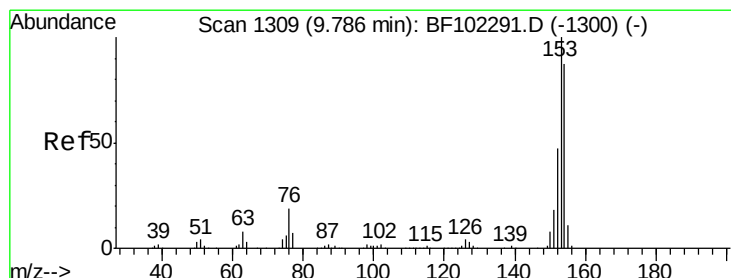
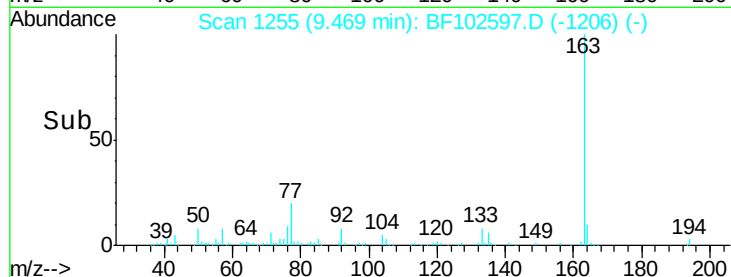
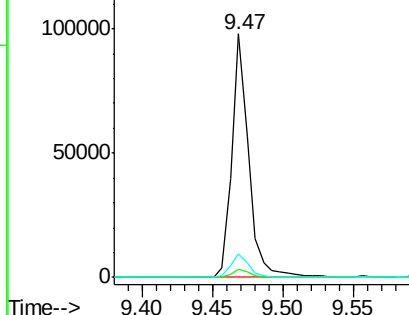
Tgt Ion:	163	Resp:	81541
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	9.8	8.2	12.2

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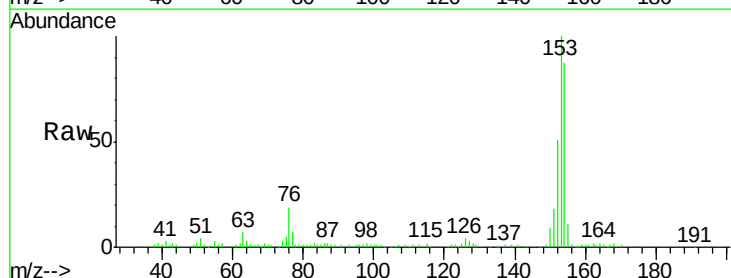


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

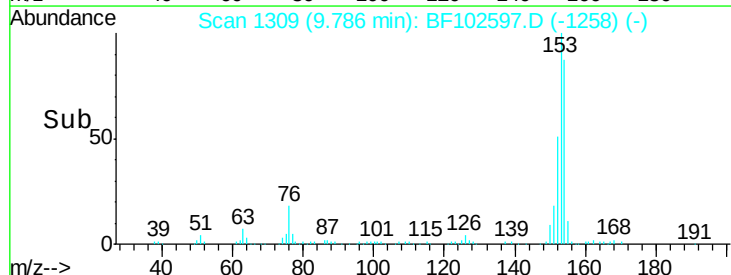
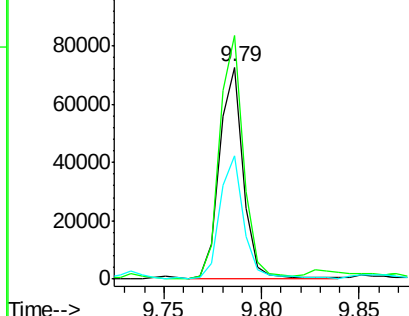


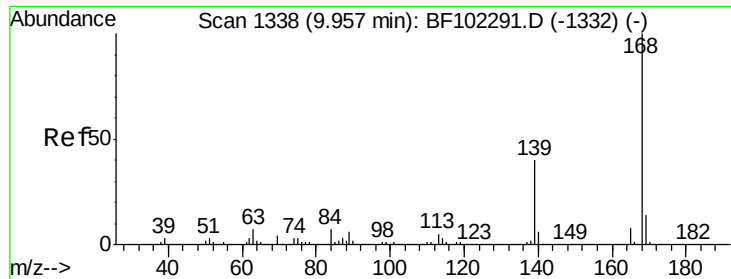
#51
Acenaphthene
Concen: 3.881 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF102597.D
Acq: 29 Jan 2018 15:03

Tgt Ion:	154	Resp:	61970
Ion Ratio	Lower	Upper	
154	100		
153	114.9	91.2	136.8
152	58.4	43.8	65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





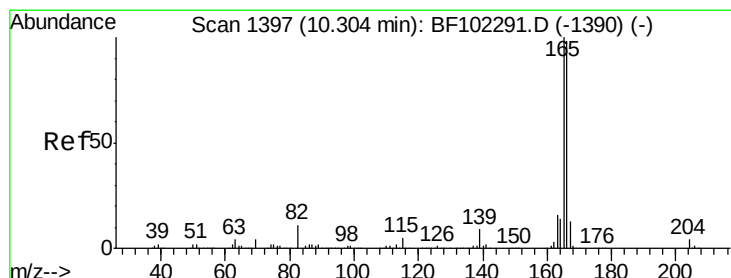
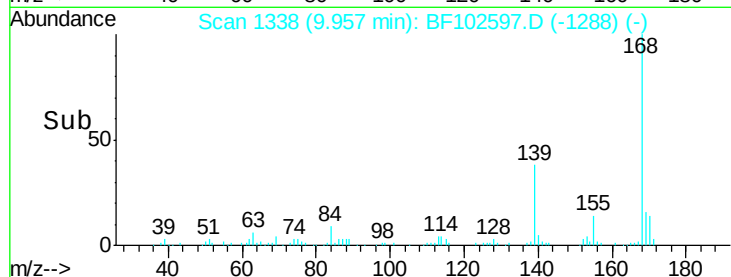
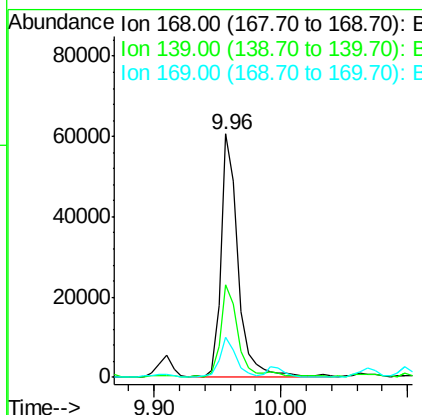
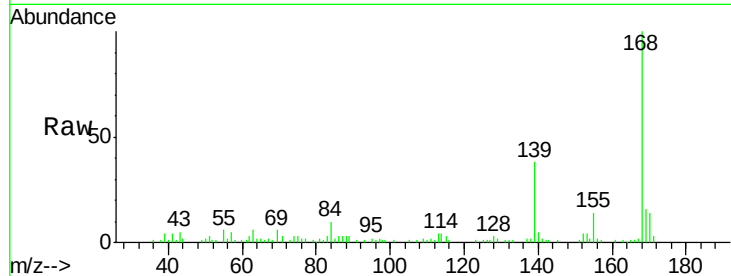
#54
Dibenzofuran
Concen: 2.674 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF102597.D
Acq: 29 Jan 2018 15:03

Instrument :
BNA_F
ClientSampleId :
WC-04(0-5)

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.1	45.1
169	16.5	10.9	16.3

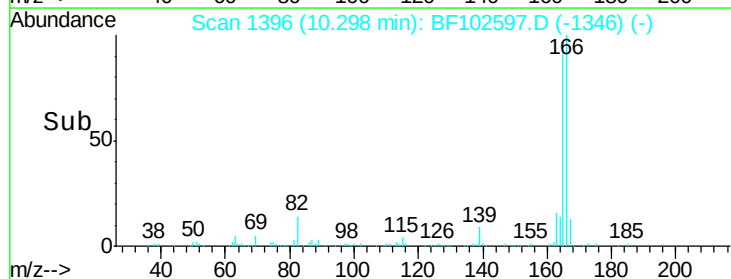
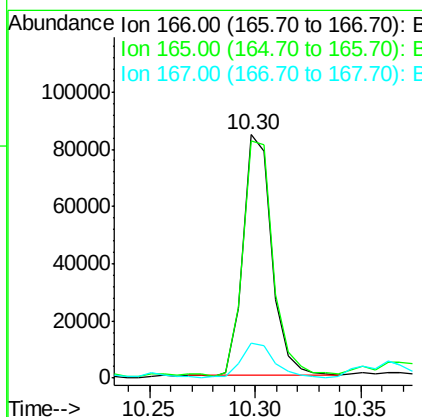
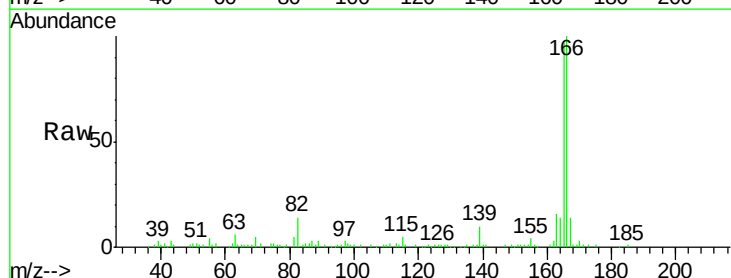
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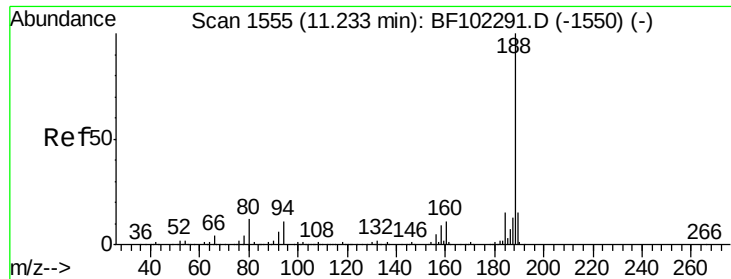
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#57
Fluorene
Concen: 4.617 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102597.D
Acq: 29 Jan 2018 15:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.8	119.8
167	14.3	10.6	16.0





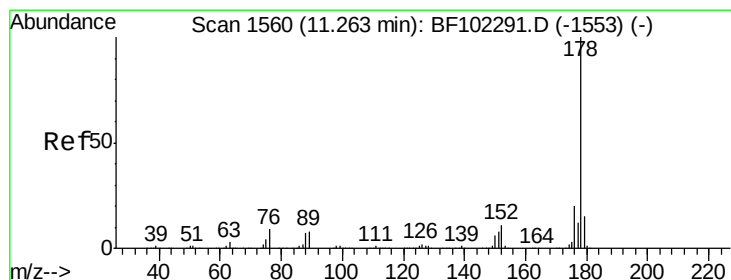
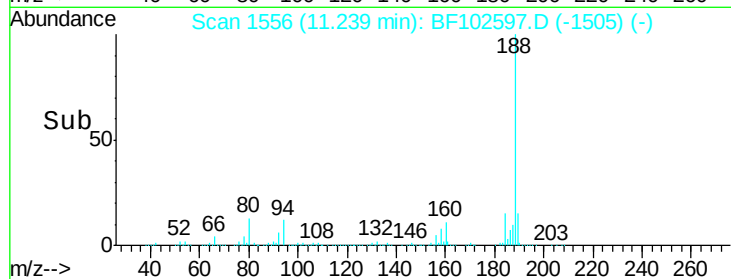
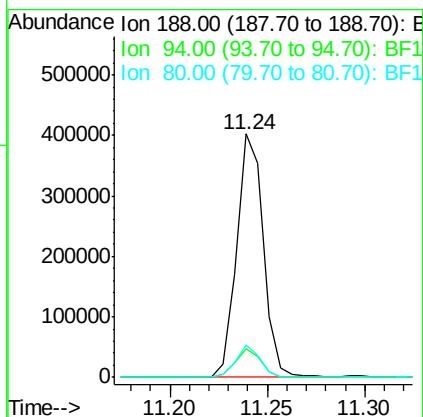
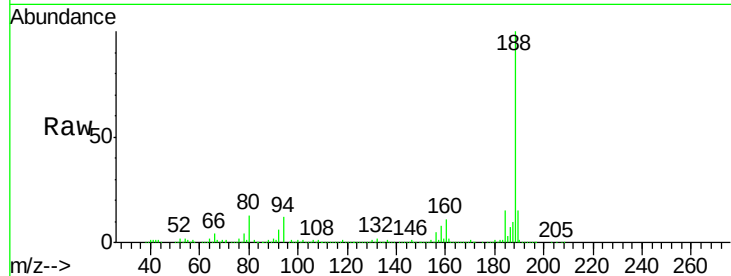
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102597.D
Acq: 29 Jan 2018 15:03

Instrument :
BNA_F
ClientSampled :
WC-04(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	379472		
94	11.6	8.5	12.7	
80	13.1	9.2	13.8	

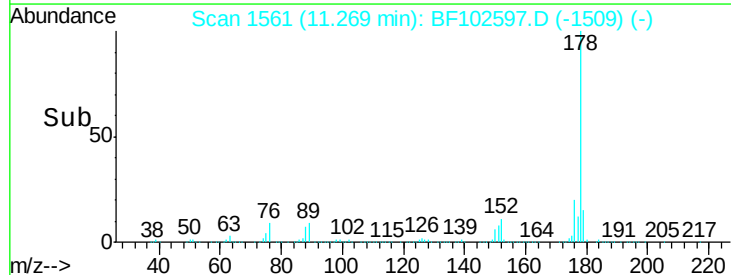
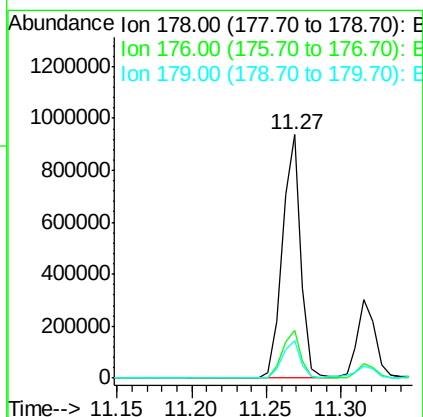
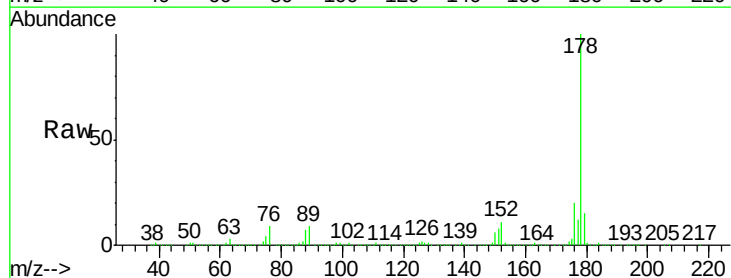
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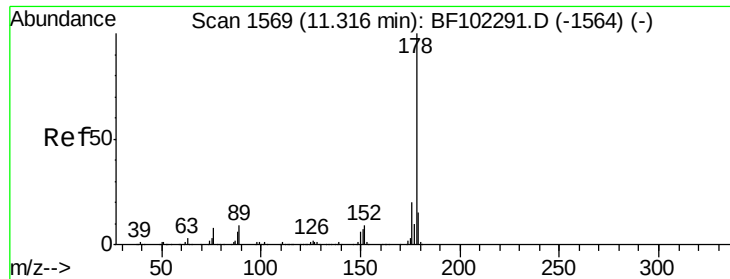
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#70
Phenanthrene
Concen: 36.610 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF102597.D
Acq: 29 Jan 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	809554		
176	19.8	15.8	23.8	
179	15.5	13.0	19.6	





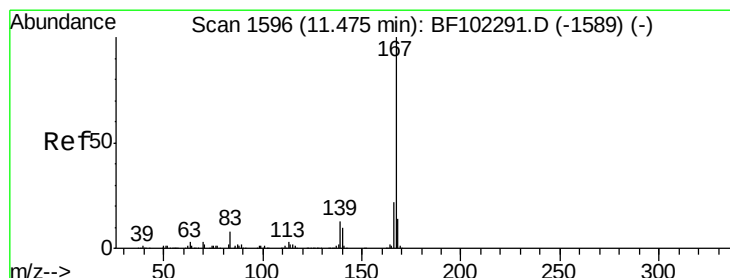
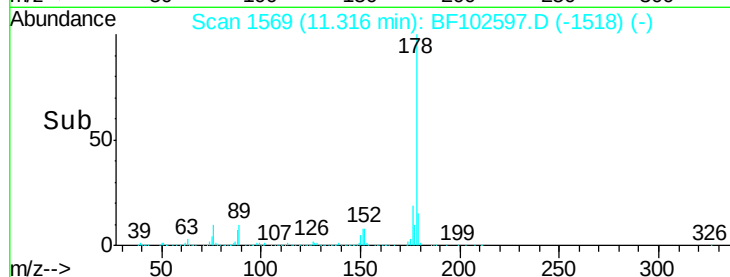
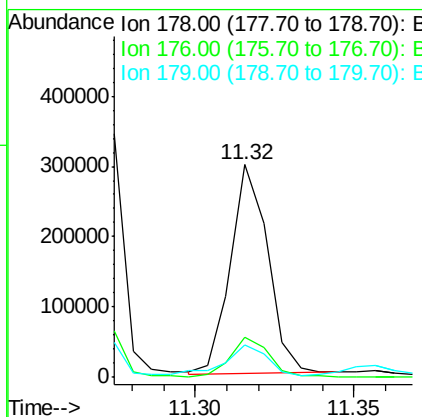
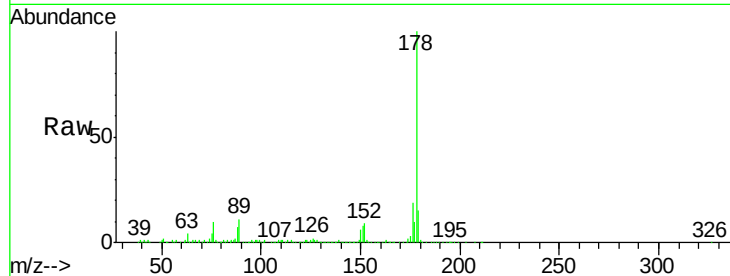
#71
 Anthracene
 Concen: 10.670 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF102597.D
 Acq: 29 Jan 2018 15:03

Instrument :
 BNA_F
 ClientSampleId :
 WC-04(0-5)

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.4	12.6	19.0

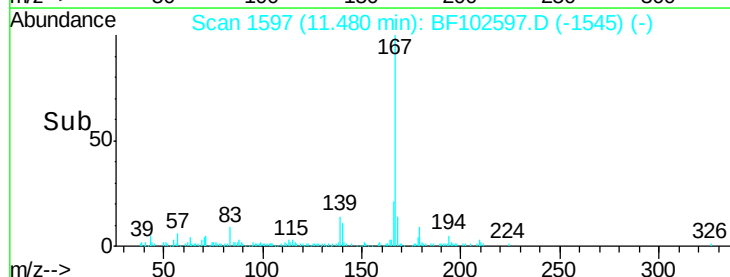
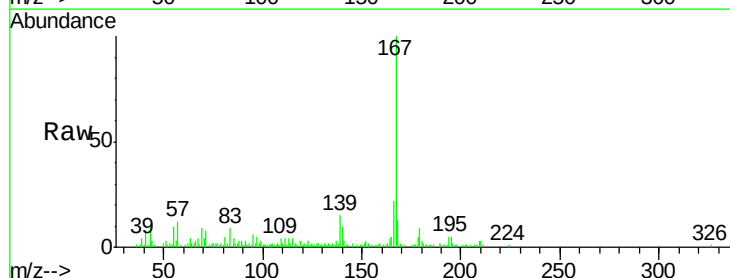
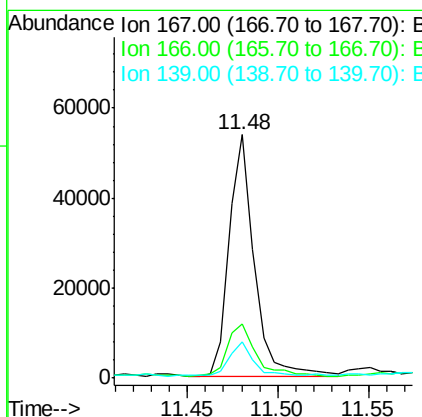
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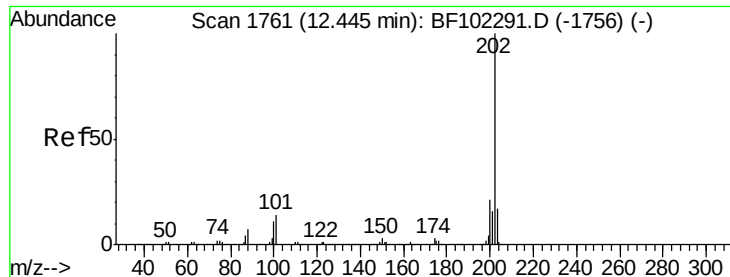
Sohil
 1/30/2018 3:36:33 PM



#72
 Carbazole
 Concen: 2.364 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF102597.D
 Acq: 29 Jan 2018 15:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	14.9	10.9	16.3





#74

Fluoranthene

Concen: 36.772 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF102597.D

Acq: 29 Jan 2018 15:03

Instrument :

BNA_F

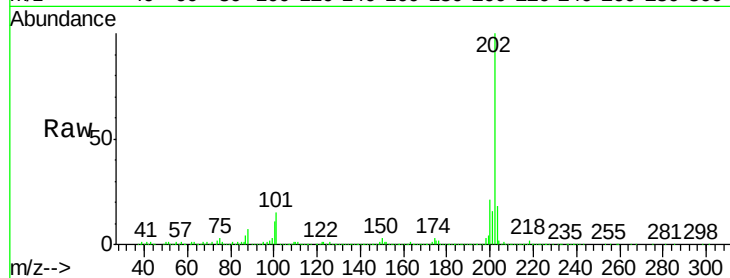
ClientSampleId :

WC-04(0-5)

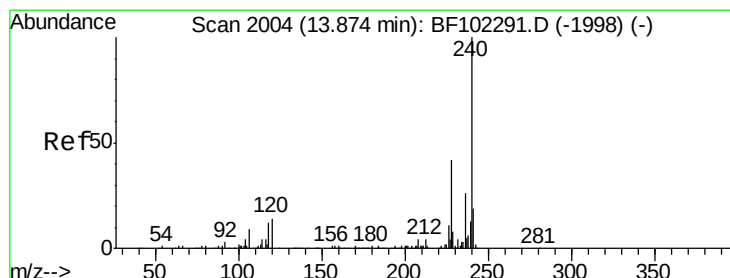
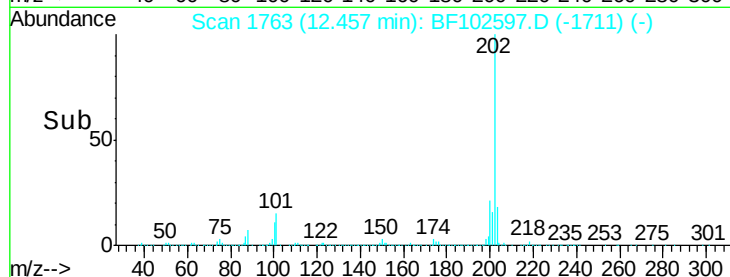
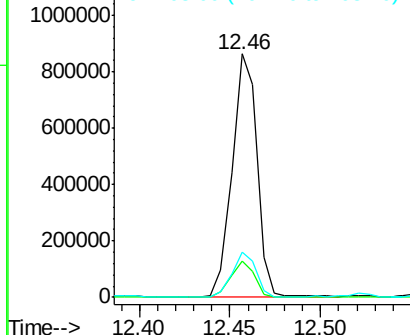
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		829193		
101	14.8	0.0	34.1		
203	18.3	0.0	38.1		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

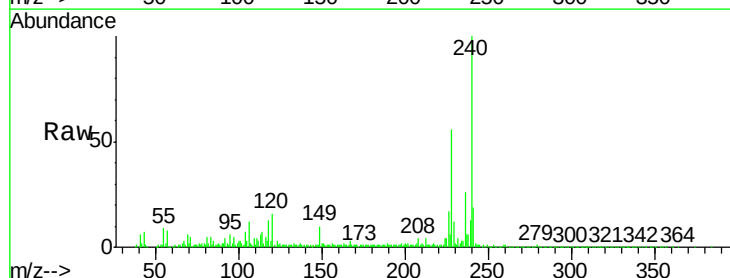
RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

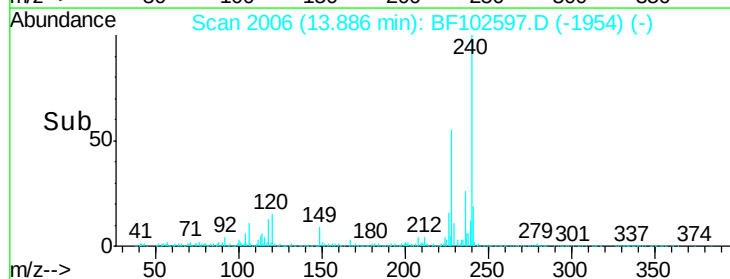
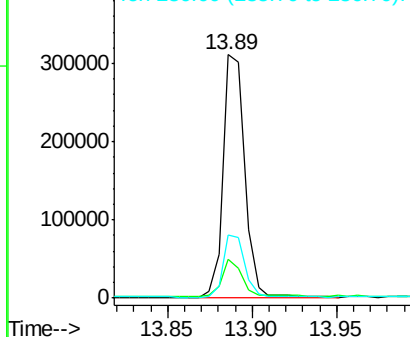
Lab File: BF102597.D

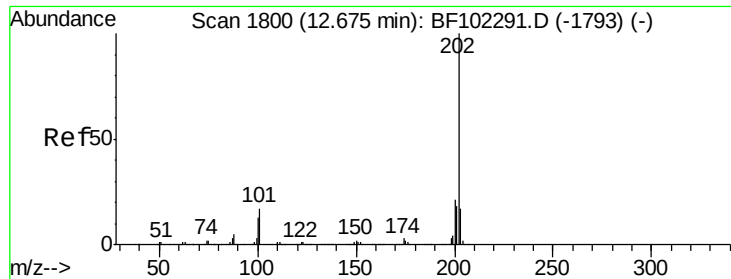
Acq: 29 Jan 2018 15:03

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		279303		
120	15.8	9.5	14.3#		
236	25.9	20.7	31.1		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





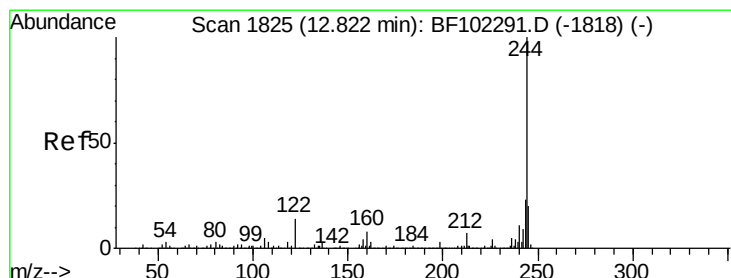
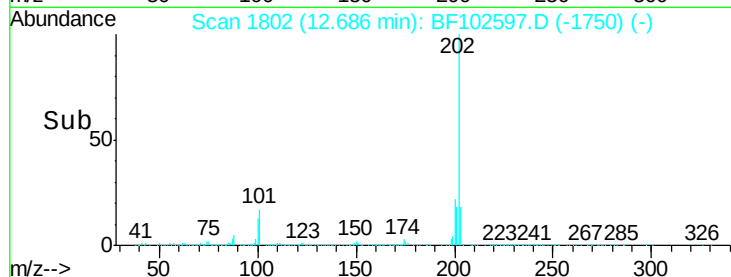
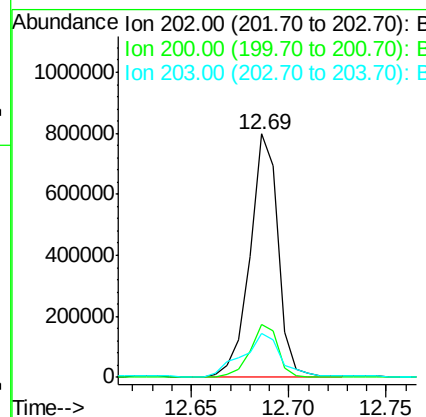
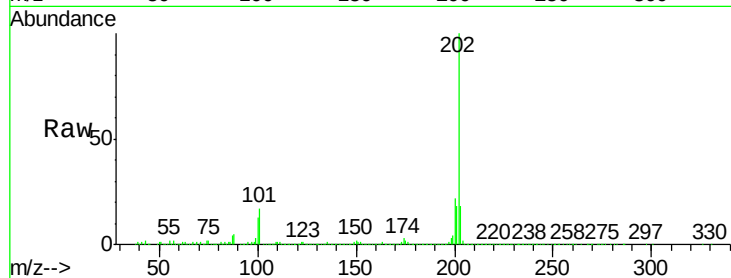
#77
 Pyrene
 Concen: 36.691 ng
 RT: 12.69 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: BF102597.D
 Acq: 29 Jan 2018 15:03

Instrument :
 BNA_F
 ClientSampled :
 WC-04(0-5)

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

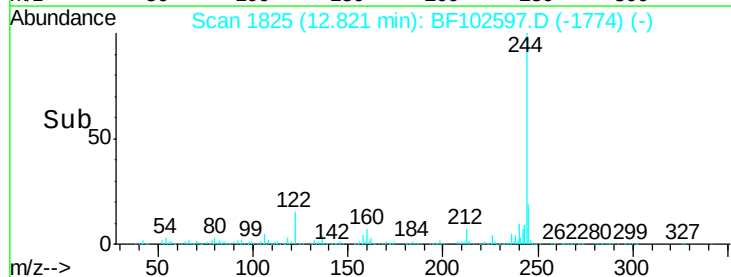
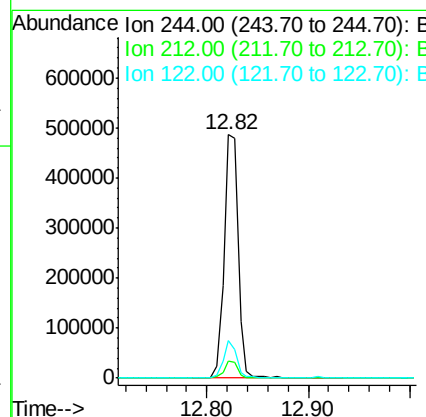
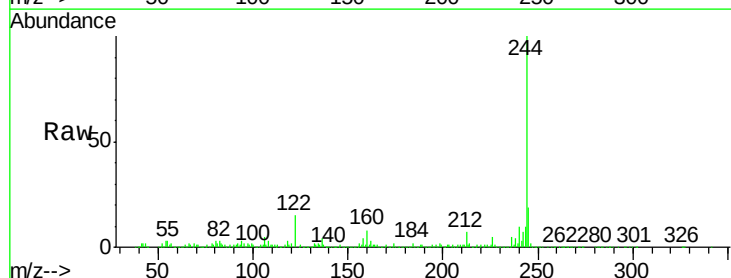
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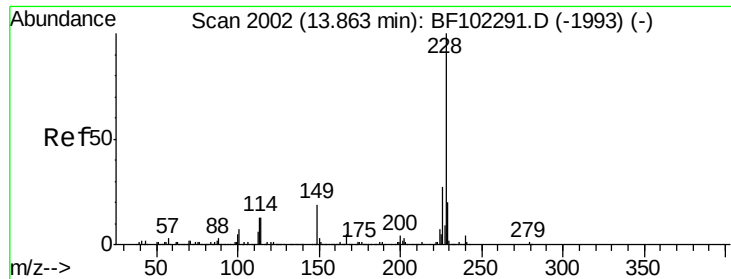
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#78
 Terphenyl-d14
 Concen: 37.621 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102597.D
 Acq: 29 Jan 2018 15:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.9	5.4	8.0
122	15.4	11.0	16.4





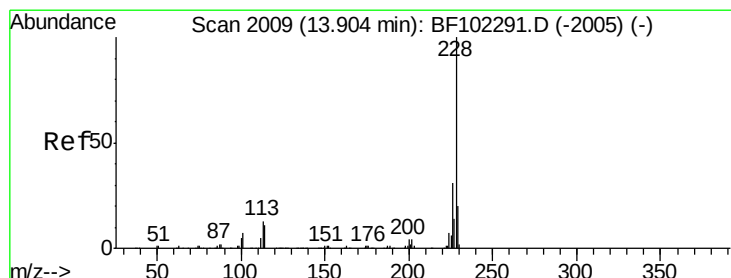
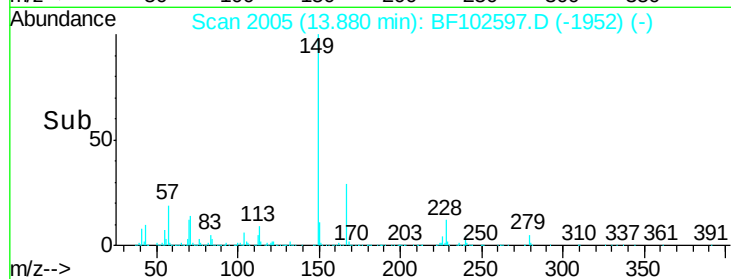
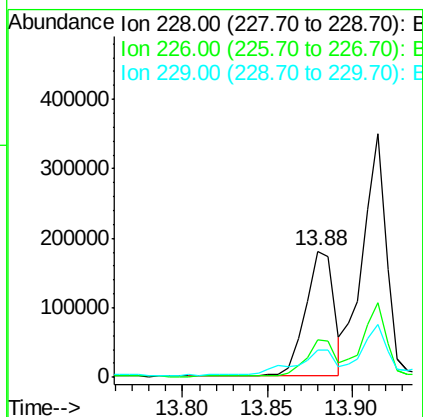
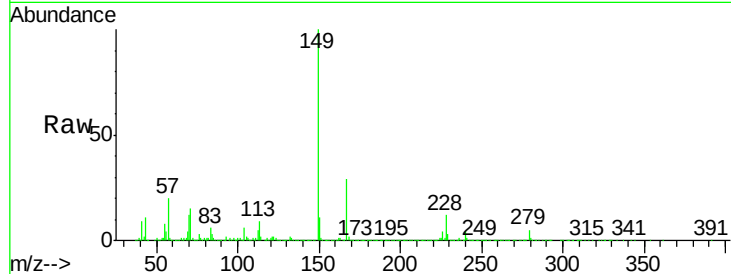
#80
Benzo(a)anthracene
Concen: 12.215 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF102597.D
Acq: 29 Jan 2018 15:03

Instrument :
BNA_F
ClientSampleId :
WC-04(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	210046		
226	29.8		22.6	33.8
229	21.4		15.8	23.6

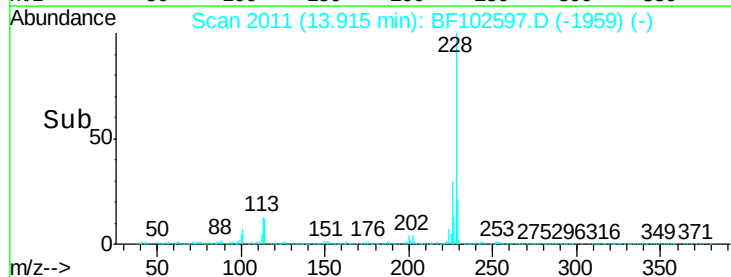
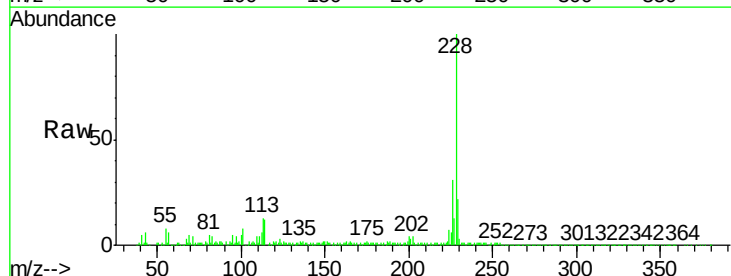
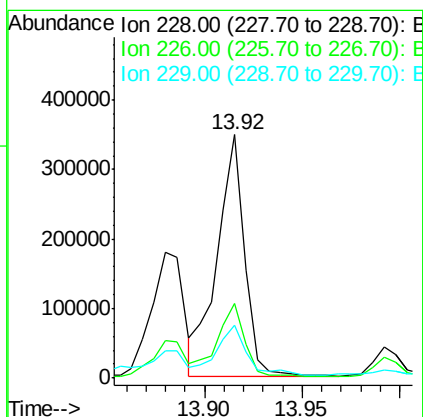
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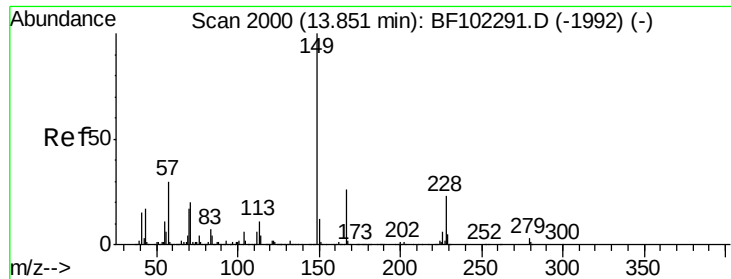
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#82
Chrysene
Concen: 19.688 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF102597.D
Acq: 29 Jan 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	343794		
226	30.5		25.0	37.6
229	21.8		16.2	24.4





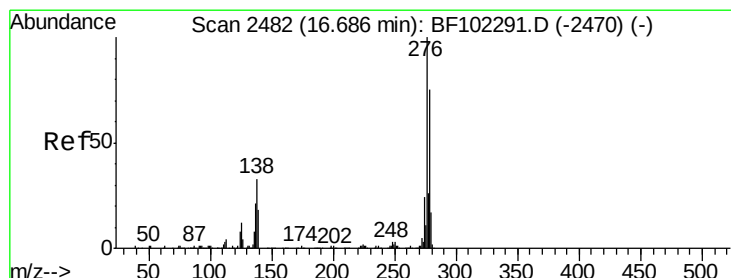
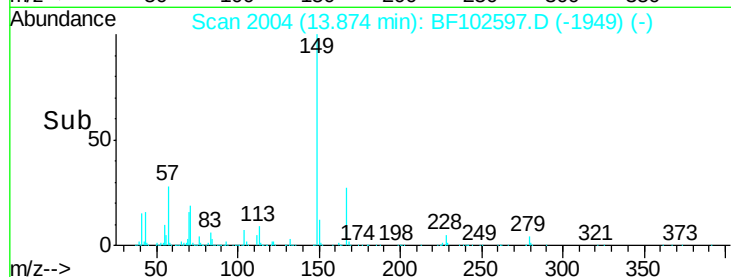
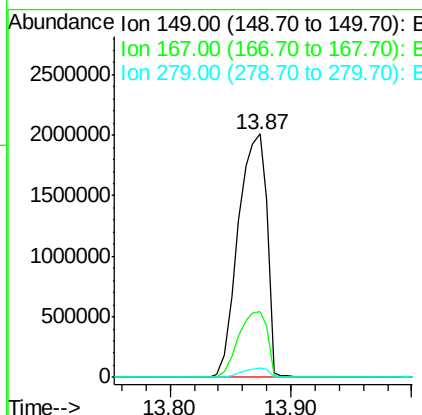
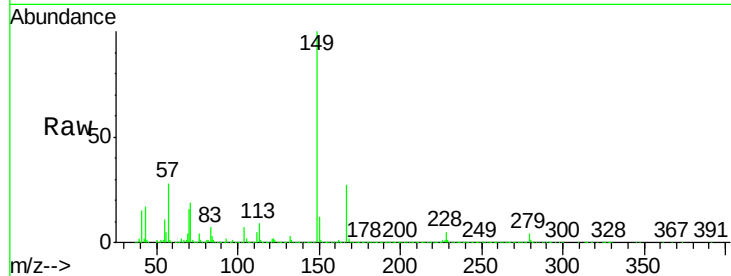
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 228.585 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.02 min
 Lab File: BF102597.D
 Acq: 29 Jan 2018 15:03

Instrument :
 BNA_F
 ClientSampleId :
 WC-04(0-5)

Tgt Ion:149 Resp: 3301307
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.3 31.9
 279 4.1 3.0 4.4

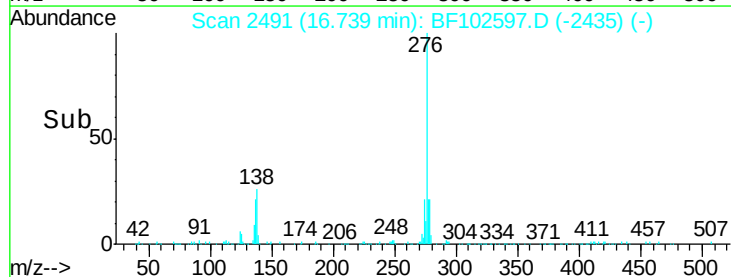
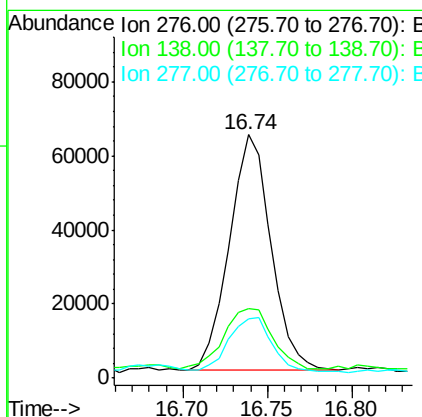
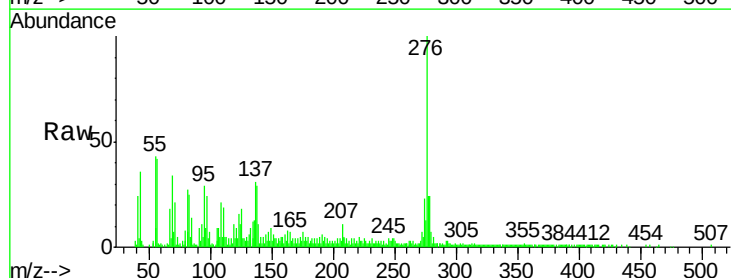
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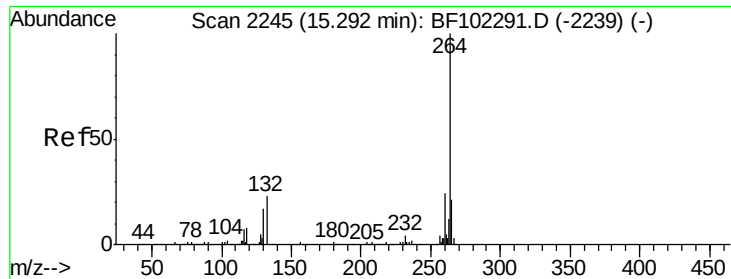
Sohil
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 7.599 ng
 RT: 16.74 min Scan# 2491
 Delta R.T. 0.03 min
 Lab File: BF102597.D
 Acq: 29 Jan 2018 15:03

Tgt Ion:276 Resp: 109585
 Ion Ratio Lower Upper
 276 100
 138 30.2 25.0 37.6
 277 24.4 20.1 30.1





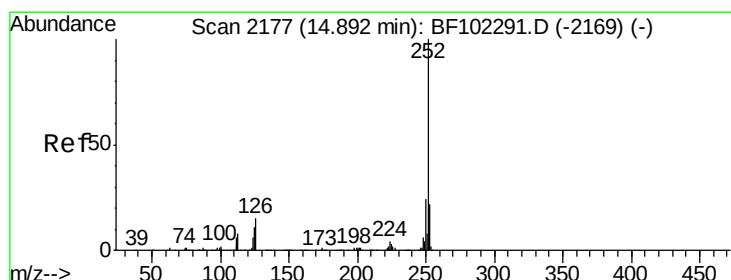
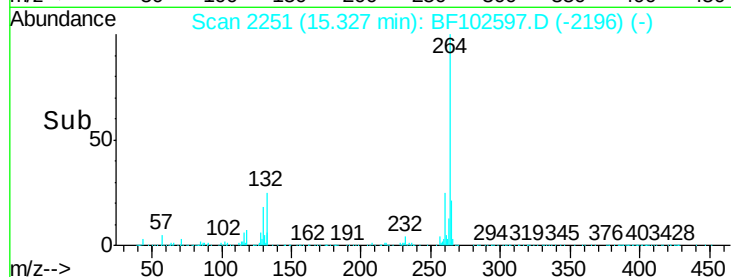
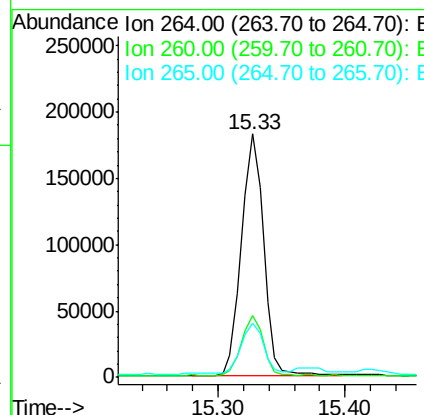
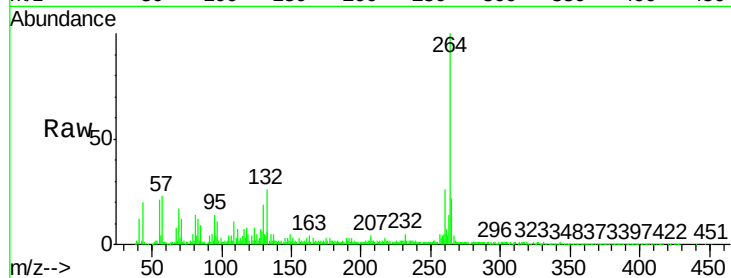
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.02 min
Lab File: BF102597.D
Acq: 29 Jan 2018 15:03

Instrument :
BNA_F
ClientSampleId :
WC-04(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	221395		
260	25.6	19.2	28.8	
265	22.3	17.5	26.3	

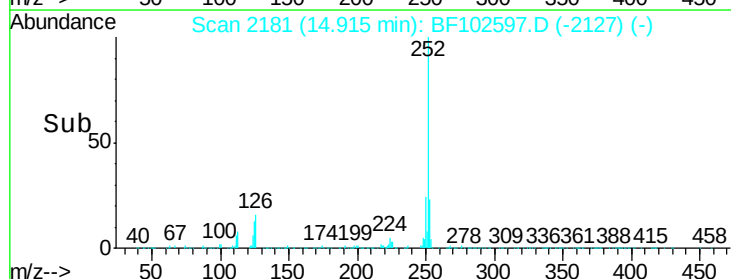
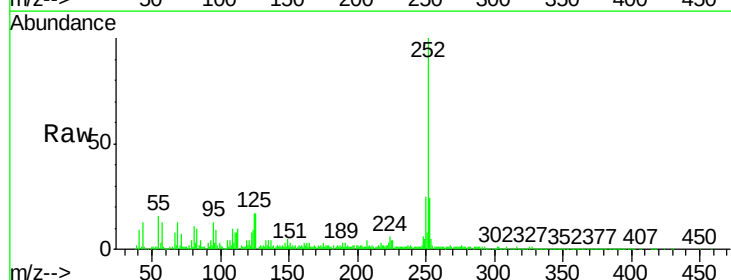
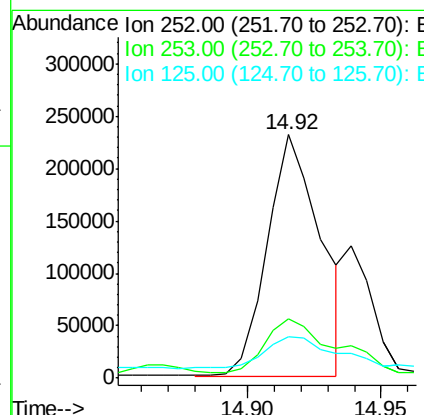
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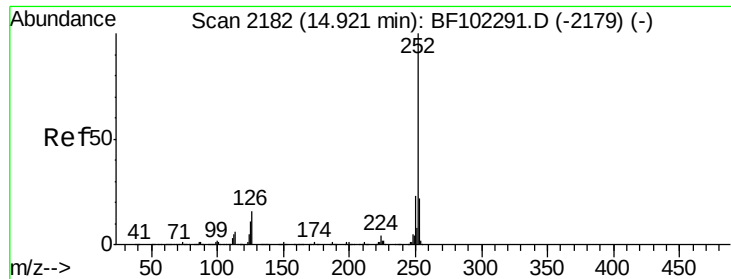
Sohil
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#87
Benzo(b)fluoranthene
Concen: 22.418 ng m
RT: 14.92 min Scan# 2181
Delta R.T. 0.02 min
Lab File: BF102597.D
Acq: 29 Jan 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	321687		
253	24.4	17.0	25.6	
125	17.1	9.0	13.6	





#88

Benzo(k)fluoranthene

Concen: 6.980 ng m

RT: 14.94 min Scan# 2185

Delta R.T. 0.01 min

Lab File: BF102597.D

Acq: 29 Jan 2018 15:03

Instrument :

BNA_F

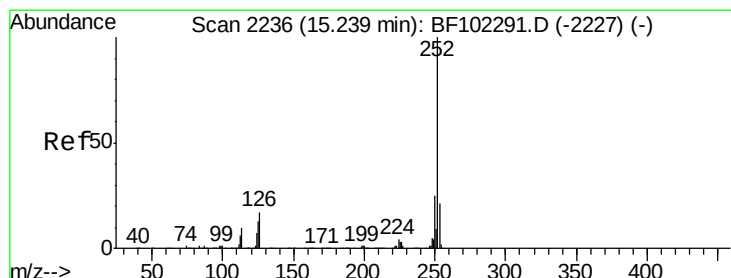
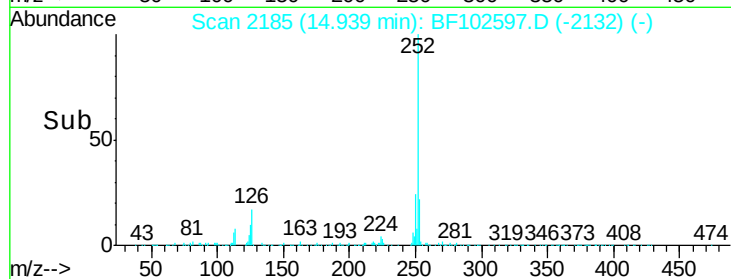
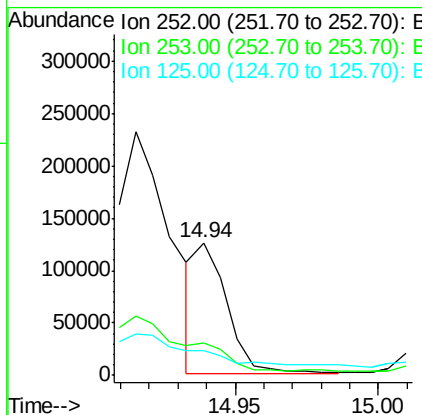
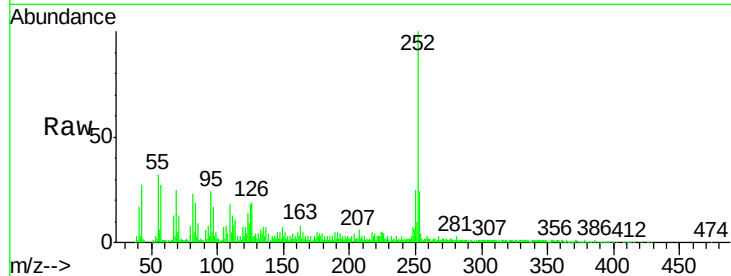
ClientSampleId :

WC-04(0-5)

Tgt Ion:	252	Resp:	94629
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.9	26.9
125	18.4	10.2	15.2#

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#89

Benzo(a)pyrene

Concen: 16.969 ng

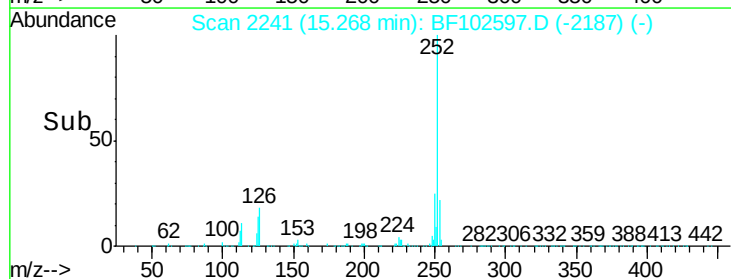
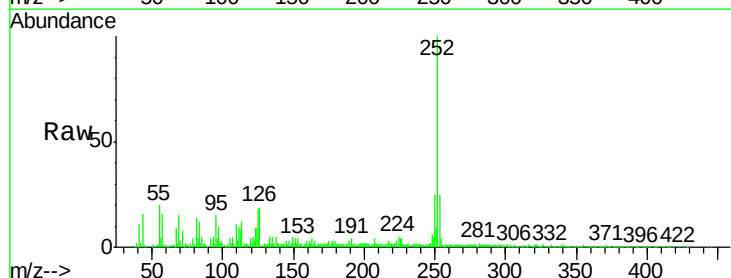
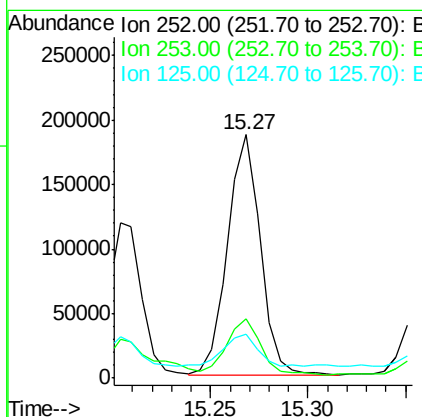
RT: 15.27 min Scan# 2241

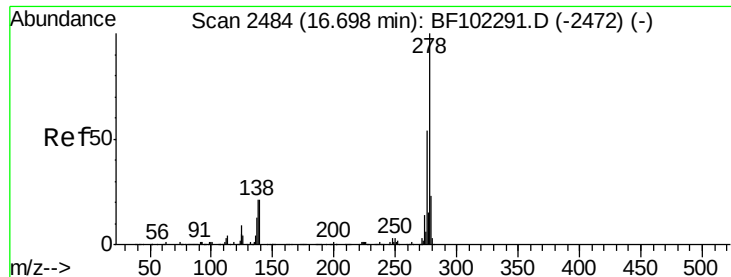
Delta R.T. 0.02 min

Lab File: BF102597.D

Acq: 29 Jan 2018 15:03

Tgt Ion:	252	Resp:	219607
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.1	25.7
125	17.8	9.8	14.6#





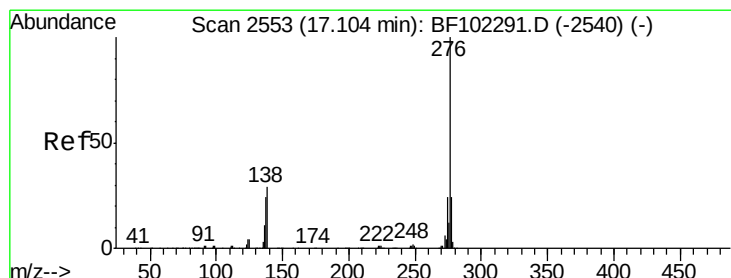
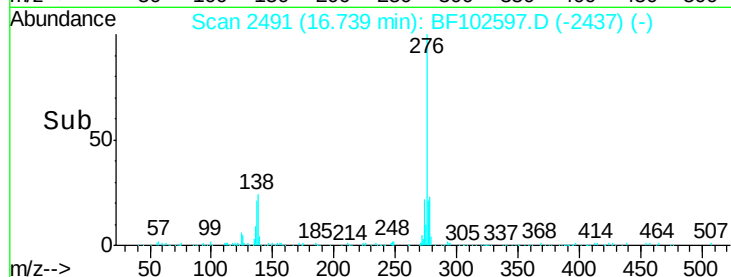
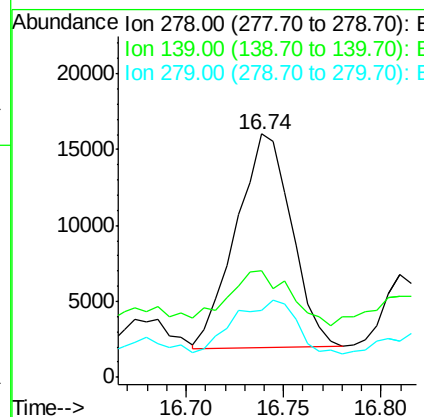
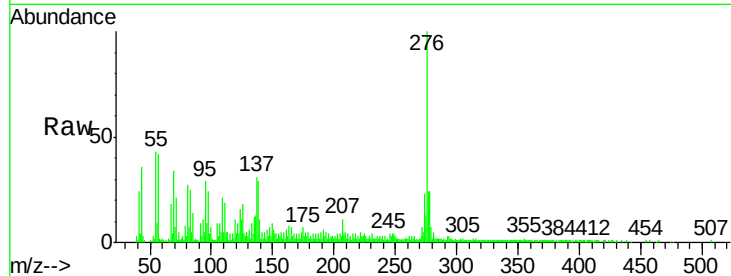
#90
Dibenzo(a,h)anthracene
Concen: 2.639 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.02 min
Lab File: BF102597.D
Acq: 29 Jan 2018 15:03

Instrument :
BNA_F
ClientSampleId :
WC-04(0-5)

Tgt Ion	Ratio	Lower	Upper
278	100		
139	43.7	15.9	23.9#
279	27.4	19.0	28.4

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#91
Benzo(g,h,i)perylene
Concen: 10.251 ng
RT: 17.17 min Scan# 2564
Delta R.T. 0.04 min
Lab File: BF102597.D
Acq: 29 Jan 2018 15:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	33.8	21.8	32.8#

