

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
 Data File : BF102577.D
 Acq On : 29 Jan 2018 00:12
 Operator : SJ/JU
 Sample : J1257-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-17(0-5)

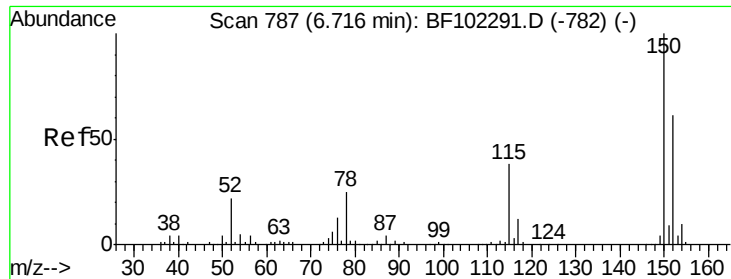
Manual Integrations
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Quant Time: Jan 29 06:09:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	172037	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	669261	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	248530	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	303691	20.00	ng	0.00
75) Chrysene-d12	13.90	240	201065	20.00	ng	0.02
86) Perylene-d12	15.34	264	160360	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	327044	28.82	ng	0.00
7) Phenol-d6	6.37	99	1207426	88.27	ng	0.00
23) Nitrobenzene-d5	7.29	82	809488	69.51	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	10537	4.28	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1269989	75.14	ng	0.00
78) Terphenyl-d14	12.84	244	656967	73.66	ng	0.02
Target Compounds						
10) Phenol	6.37	94	58898	3.944	ng	85
31) Naphthalene	8.02	128	86276	2.582	ng	97
37) 2-Methylnaphthalene	8.71	142	115974	5.211	ng	100
49) Dimethylphthalate	9.47	163	112608	5.482	ng	98
70) Phenanthrene	11.27	178	49125	2.776	ng	# 81
74) Fluoranthene	12.47	202	53951	2.990	ng	79
77) Pyrene	12.70	202	69326	4.460	ng	# 87
80) Benzo(a)anthracene	13.89	228	26469	2.138	ng	# 50
82) Chrysene	13.93	228	38231	3.041	ng	# 68
83) Bis(2-ethylhexyl)phthalate	13.86	149	28436	2.735	ng	# 72
87) Benzo(b)fluoranthene	14.93	252	26605m	2.560	ng	
91) Benzo(a,h,i)perylene	17.16	276	20568	2.743	ng	# 78

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



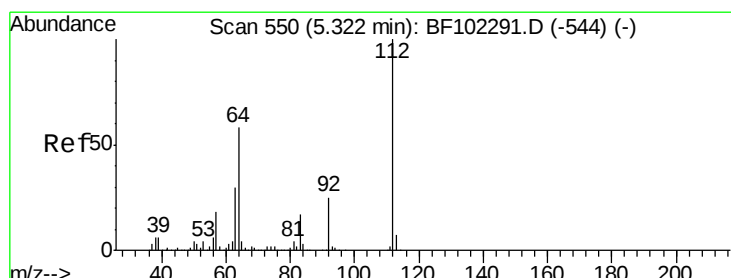
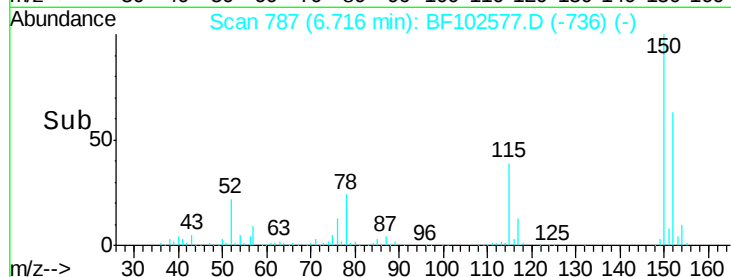
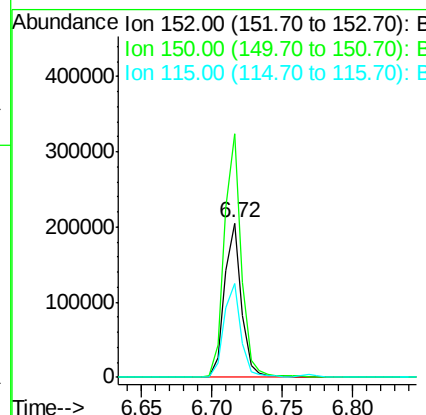
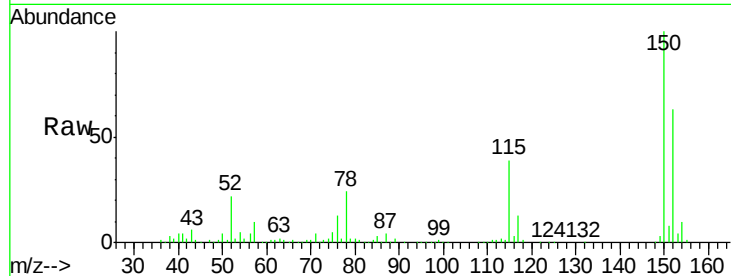
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF102577.D
 Acq: 29 Jan 2018 00:12

Instrument :
 BNA_F
 ClientSampleId :
 WC-17(0-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	61.0	50.1	75.1

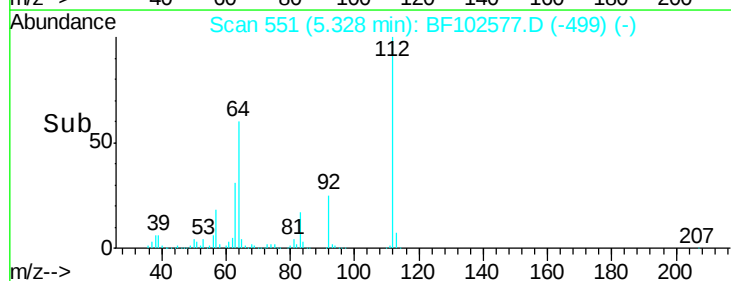
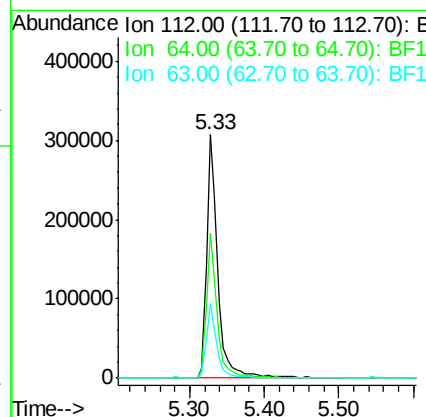
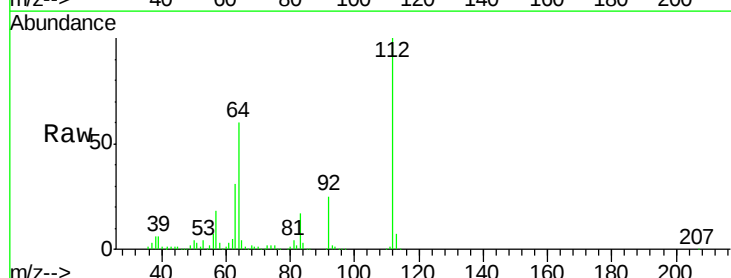
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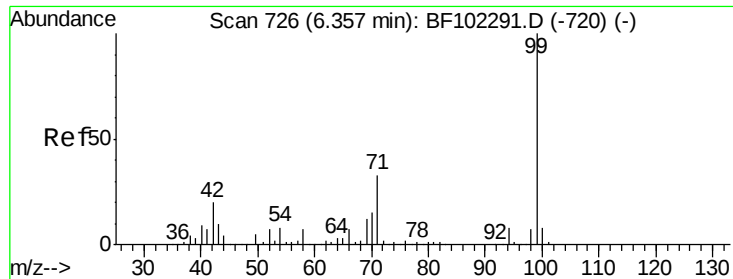
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#5
 2-Fluorophenol
 Concen: 28.824 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF102577.D
 Acq: 29 Jan 2018 00:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.9	71.9
63	30.7	23.7	35.5





#7

Phenol-d6

Concen: 88.270 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102577.D

Acq: 29 Jan 2018 00:12

Instrument :

BNA_F

ClientSampled :

WC-17(0-5)

Tot Ion: 99 Resp: 1207426

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

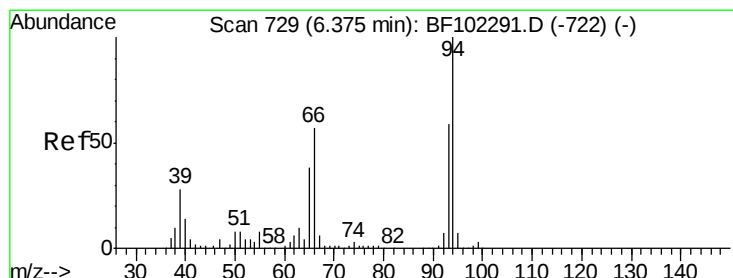
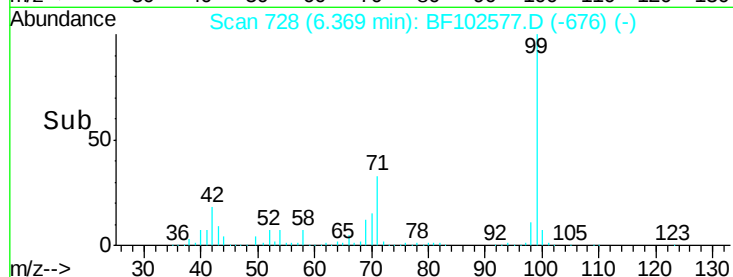
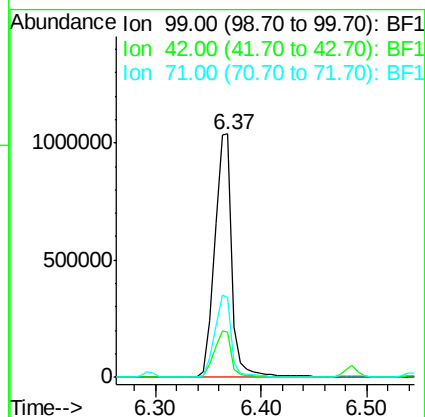
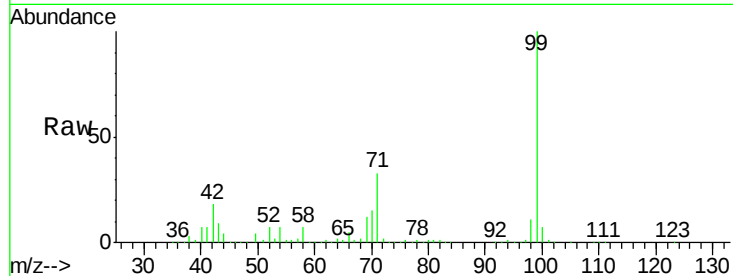
71 32.6 25.4 38.0

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#10

Phenol

Concen: 3.944 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102577.D

Acq: 29 Jan 2018 00:12

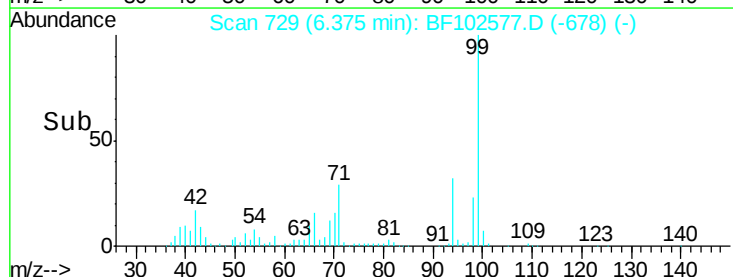
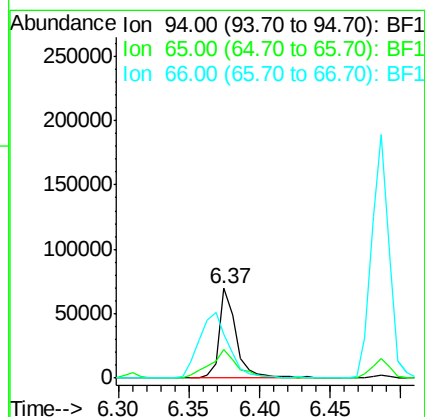
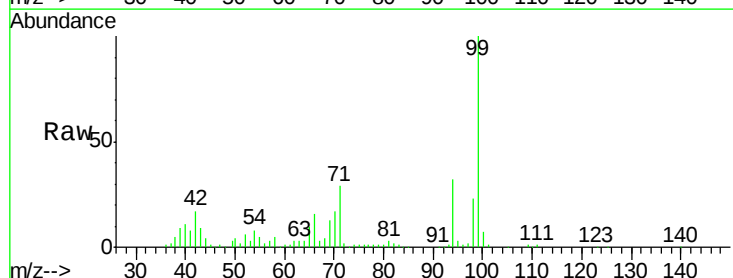
Tgt Ion: 94 Resp: 58898

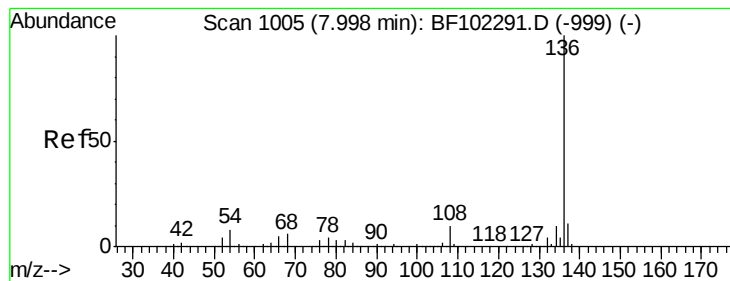
Ion Ratio Lower Upper

94 100

65 31.3 7.9 47.9

66 48.8 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102577.D

Acq: 29 Jan 2018 00:12

Instrument :

BNA_F

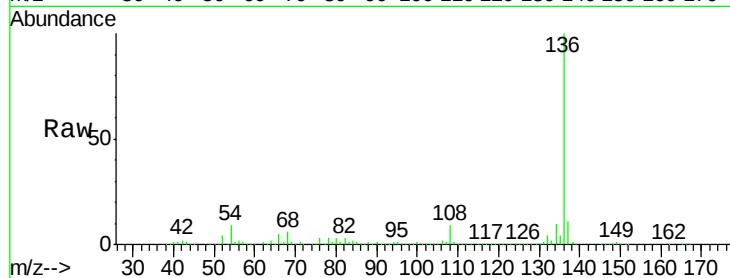
ClientSampleId :

WC-17(0-5)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		669261		
137	11.1	8.9	13.3		
54	8.7	6.6	9.8		
68	6.2	5.0	7.4		

Manual Integrations
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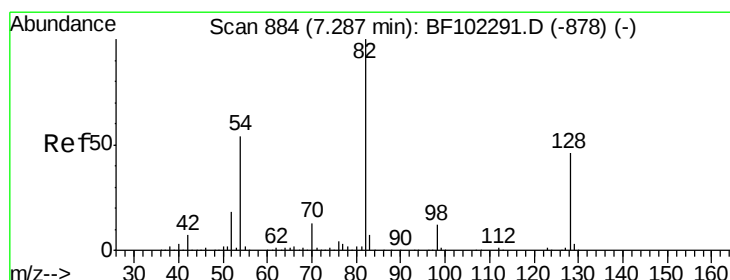
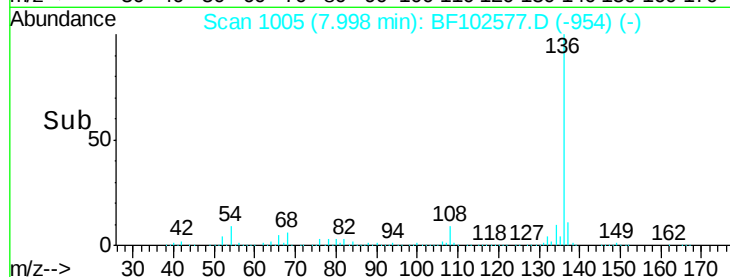
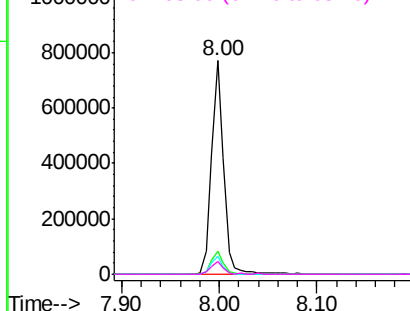


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 69.508 ng

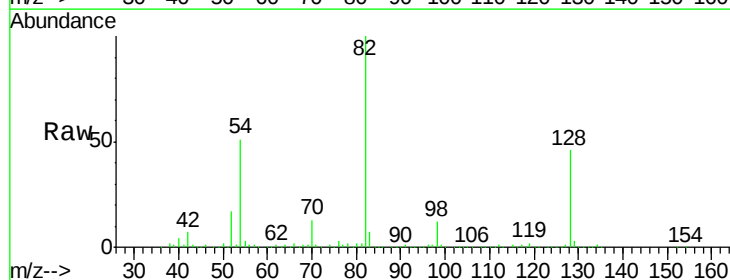
RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102577.D

Acq: 29 Jan 2018 00:12

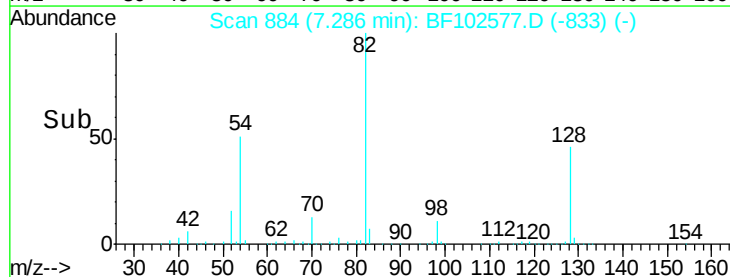
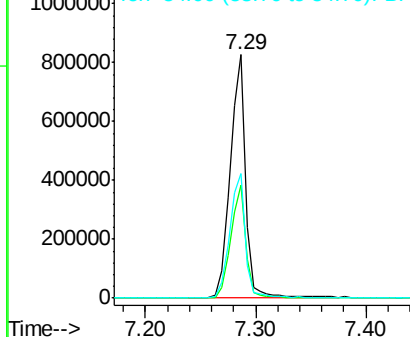
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		809488		
128	46.5	36.1	54.1		
54	51.2	41.4	62.2		

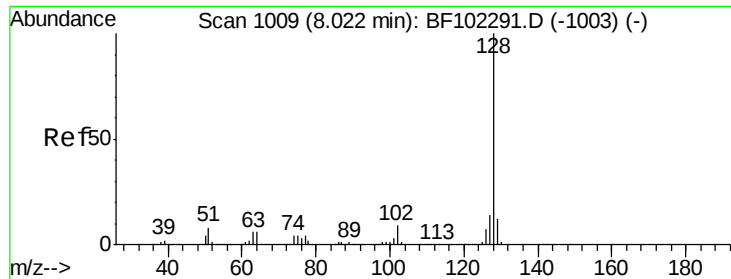


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





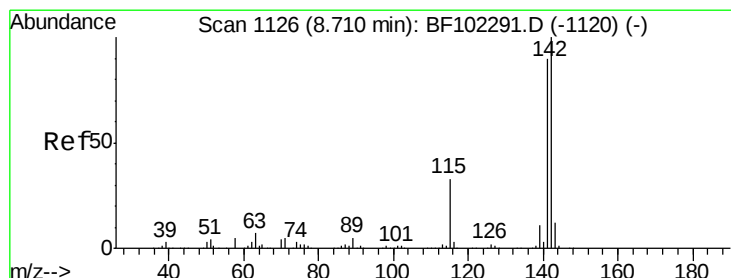
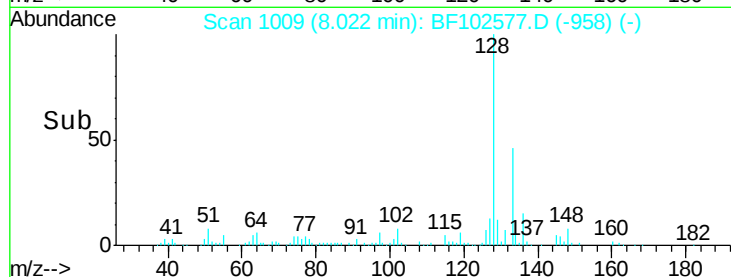
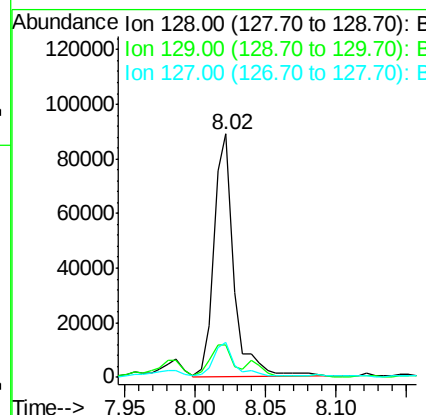
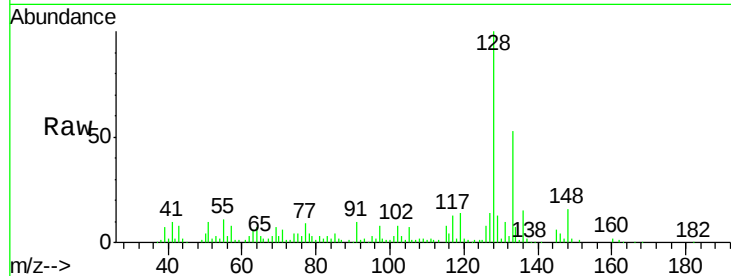
#31
Naphthalene
Concen: 2.582 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Instrument :
BNA_F
ClientSampleId :
WC-17(0-5)

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.1	8.8	13.2
127	14.2	10.9	16.3

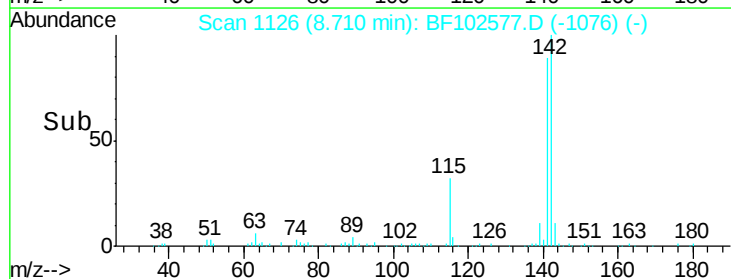
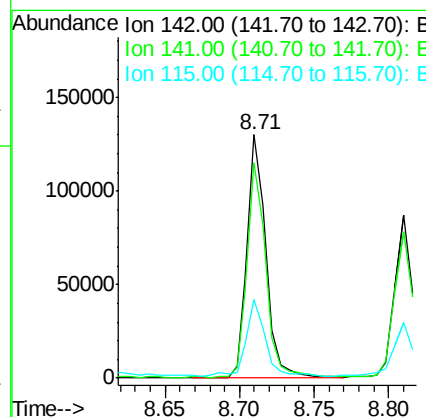
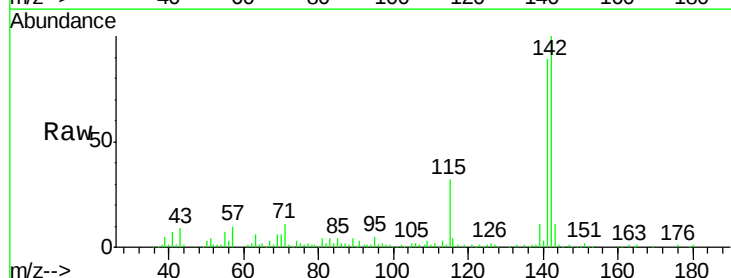
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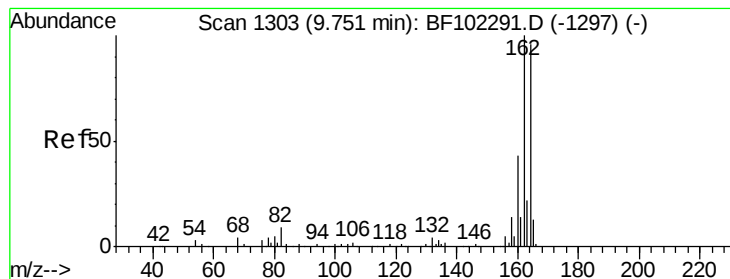
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#37
2-Methylnaphthalene
Concen: 5.211 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	32.4	26.1	39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102577.D

Acq: 29 Jan 2018 00:12

Instrument :

BNA_F

ClientSampleId :

WC-17(0-5)

Tot Ion:164 Resp: 248530

Ion Ratio Lower Upper

164 100

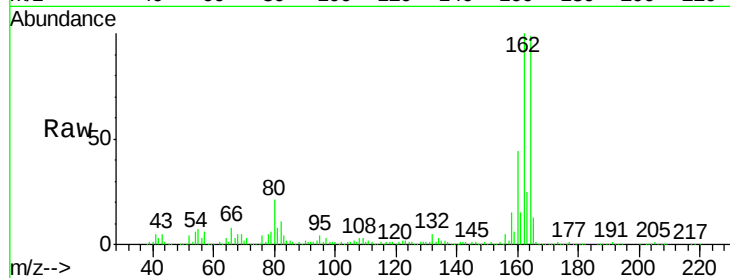
162 101.0 86.1 129.1

160 44.9 38.3 57.5

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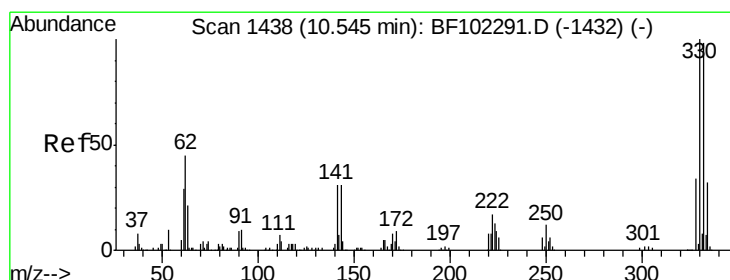
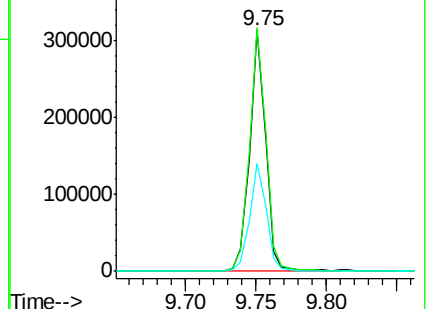
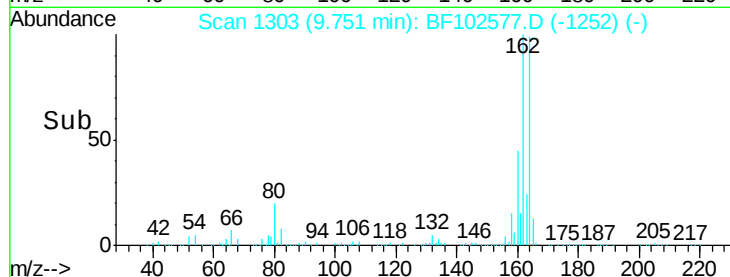
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 4.279 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102577.D

Acq: 29 Jan 2018 00:12

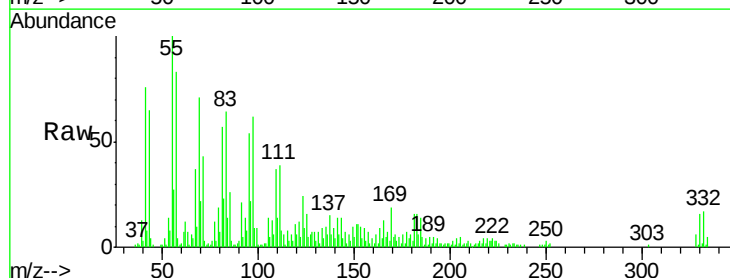
Tgt Ion:330 Resp: 10537

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

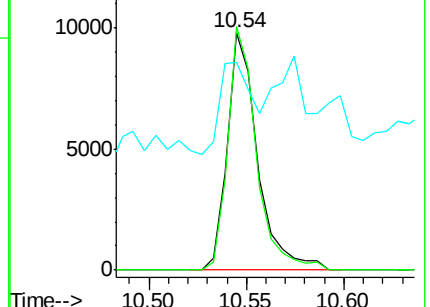
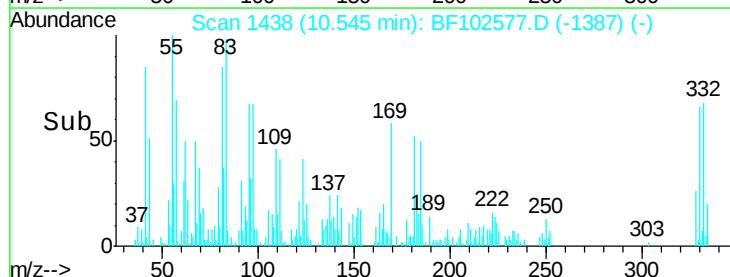
141 41.6 29.9 44.9

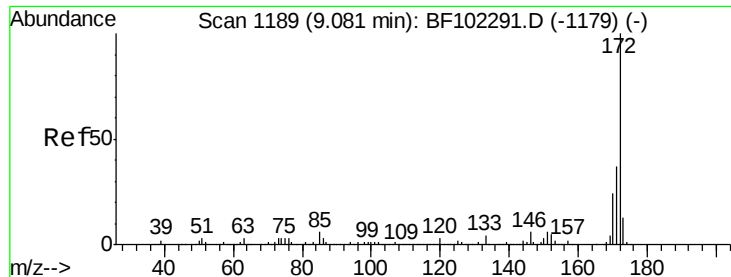


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





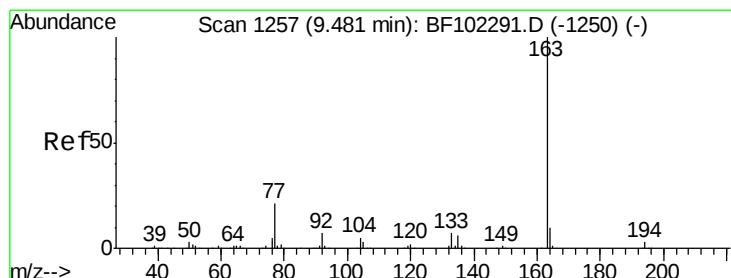
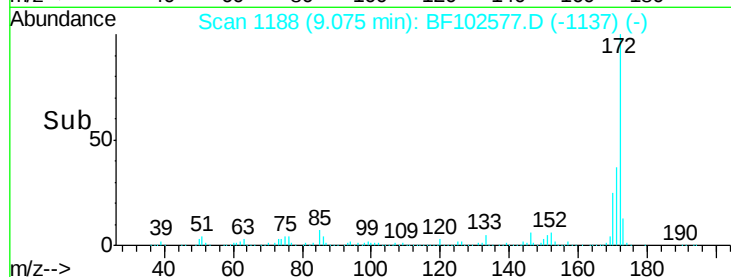
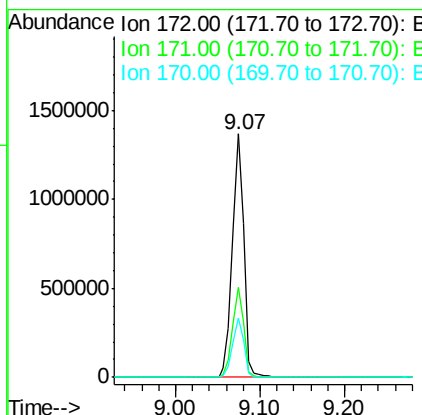
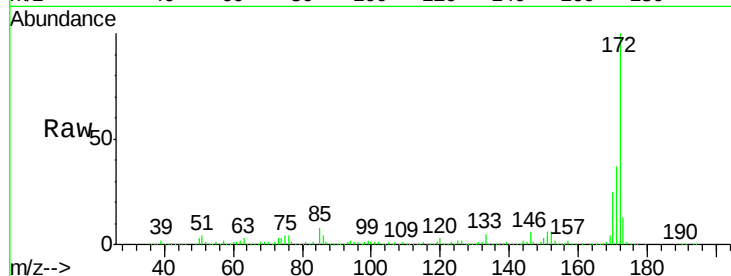
#44
2-Fluorobiphenyl
Concen: 75.135 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Instrument :
BNA_F
ClientSampleId :
WC-17(0-5)

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.6	19.6	29.4

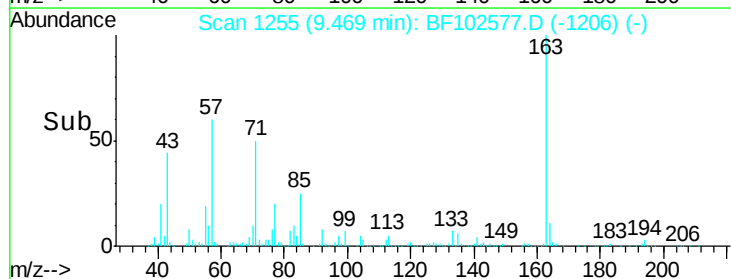
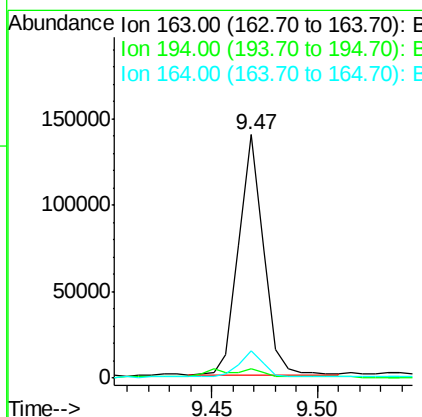
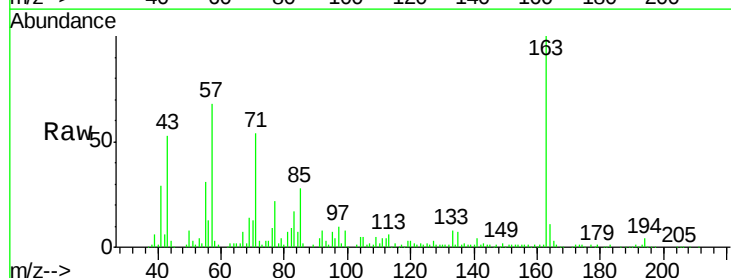
Manual Integrations
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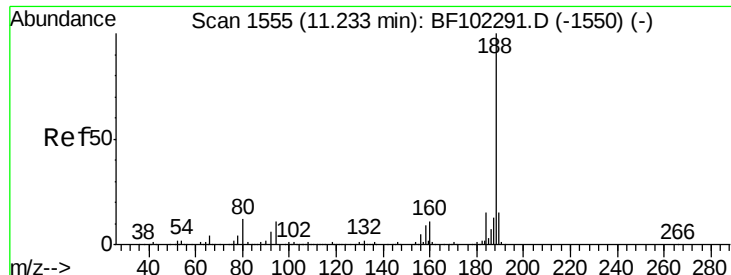
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#49
Dimethylphthalate
Concen: 5.482 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	11.1	8.2	12.2





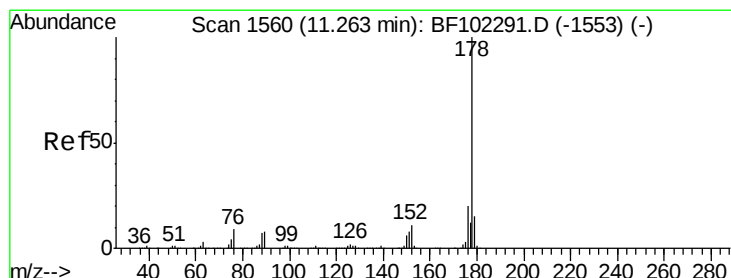
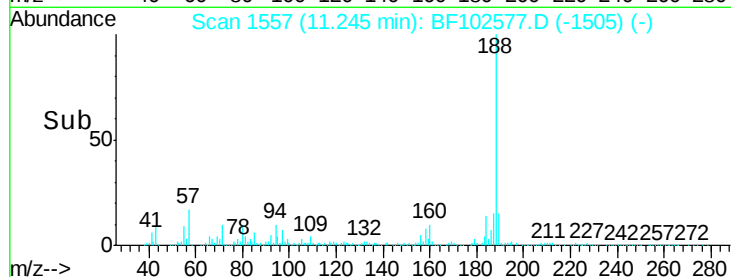
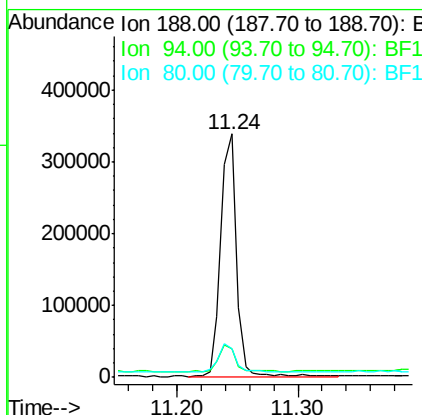
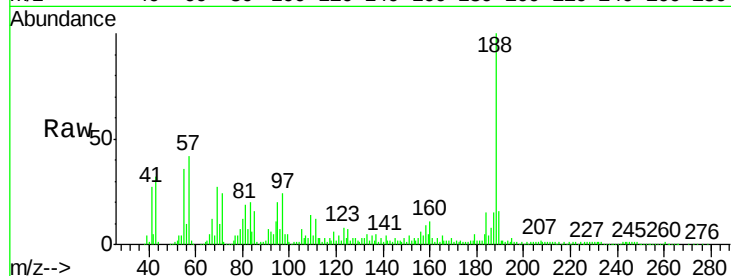
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Instrument :
BNA_F
ClientSampleId :
WC-17(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	303691		
94	11.5		8.5	12.7
80	11.8		9.2	13.8

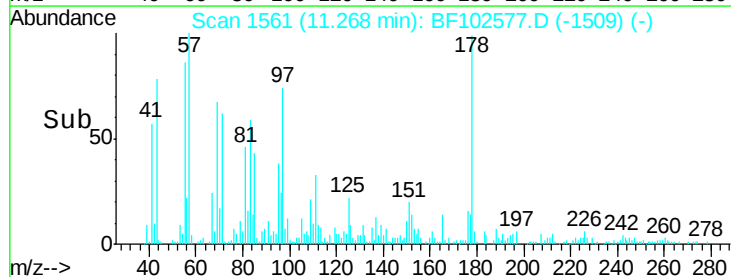
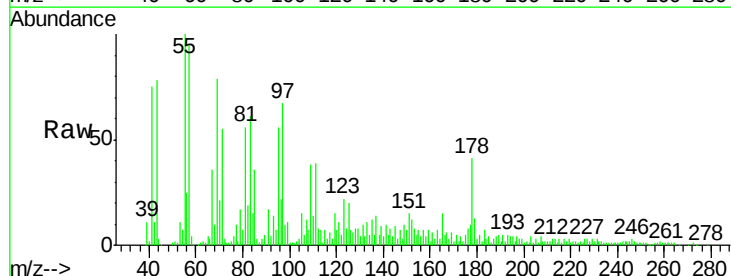
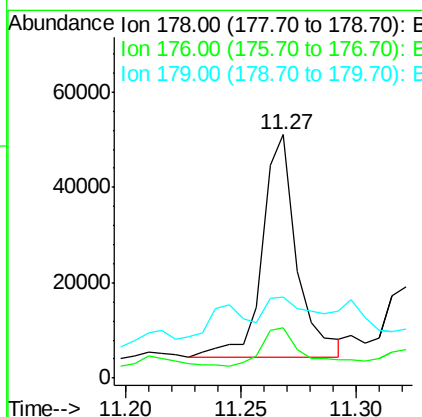
Manual Integrations
APPROVED

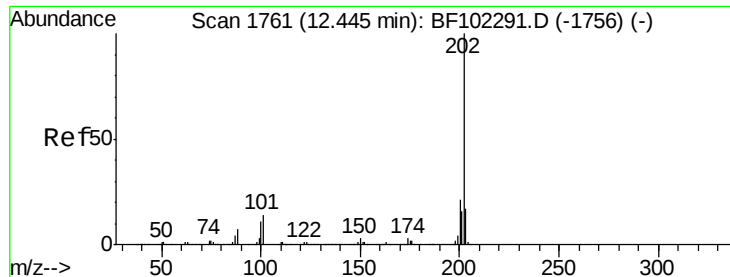
Sohil
1/29/2018 5:48:40 PM



#70
Phenanthrene
Concen: 2.776 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	49125		
176	20.9		15.8	23.8
179	33.1		13.0	19.6#





#74

Fluoranthene

Concen: 2.990 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.02 min

Lab File: BF102577.D

Acq: 29 Jan 2018 00:12

Instrument :

BNA_F

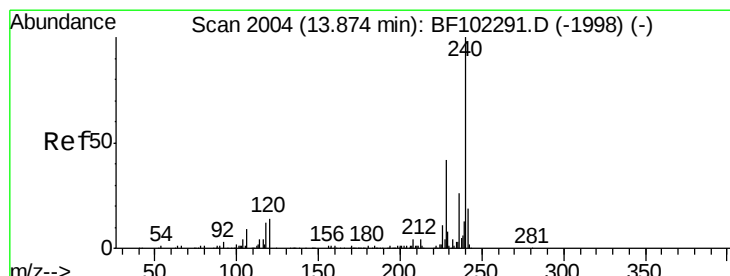
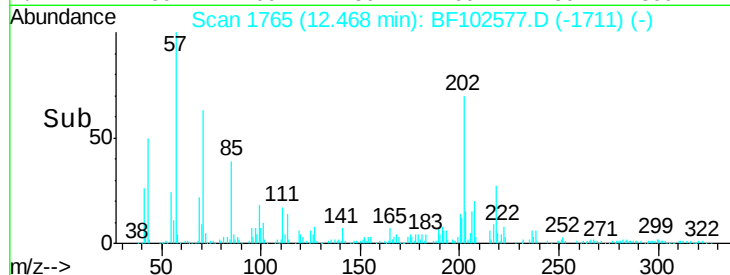
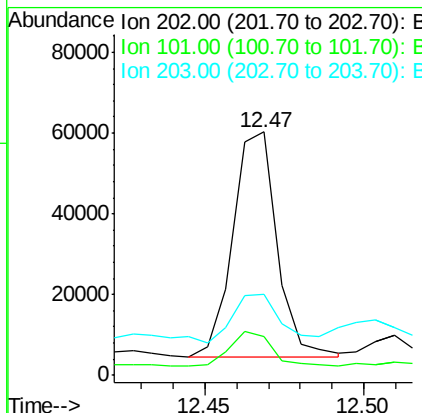
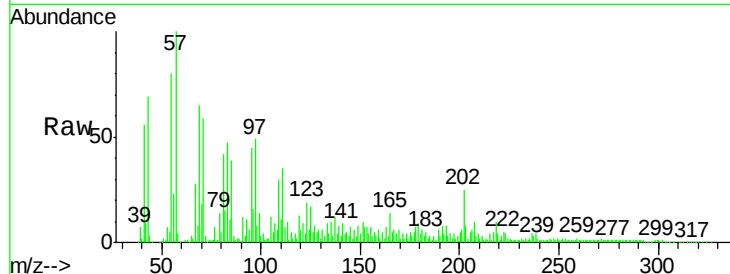
ClientSampleId :

WC-17(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	53951		
101	16.1	0.0	34.1	
203	33.0	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

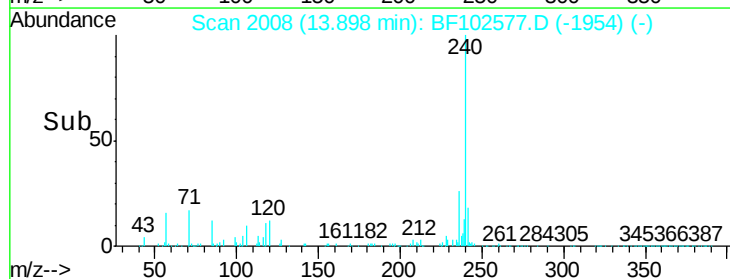
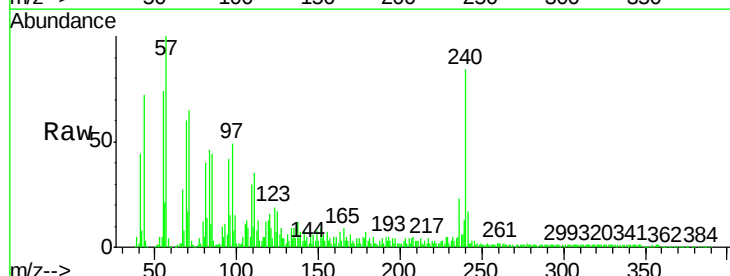
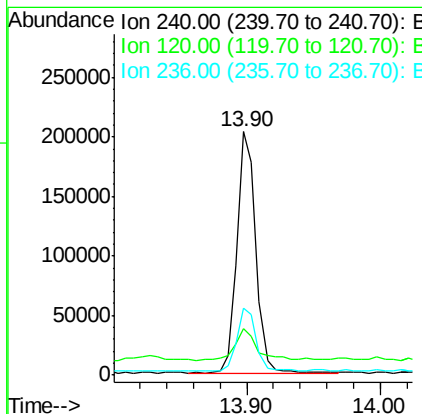
RT: 13.90 min Scan# 2008

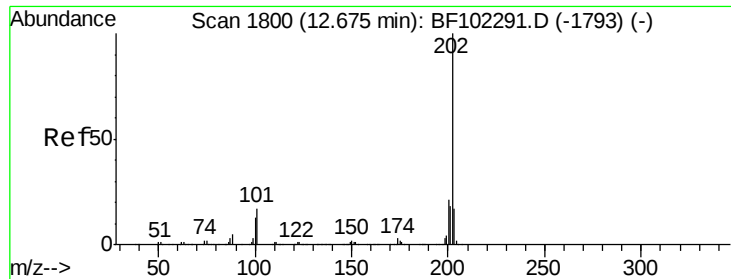
Delta R.T. 0.02 min

Lab File: BF102577.D

Acq: 29 Jan 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	201065		
120	19.3	9.5	14.3#	
236	27.4	20.7	31.1	





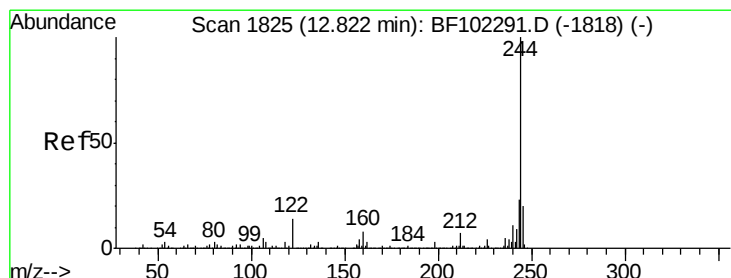
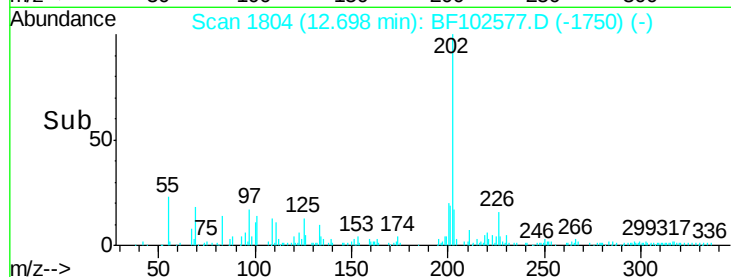
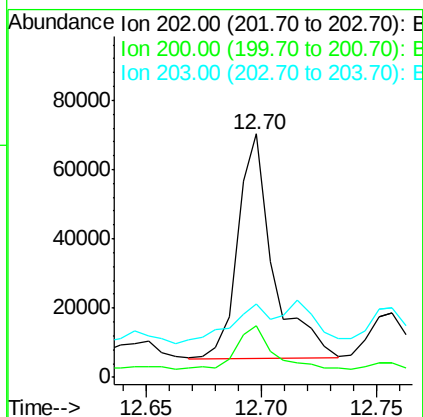
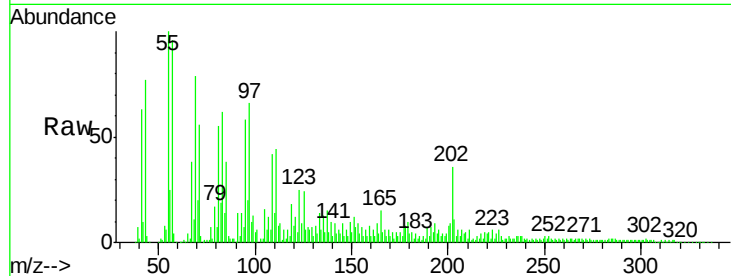
#77
Pvrene
Concen: 4.460 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.02 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Instrument :
BNA_F
ClientSampleId :
WC-17(0-5)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	17.4	26.2
203	30.2	14.3	21.5

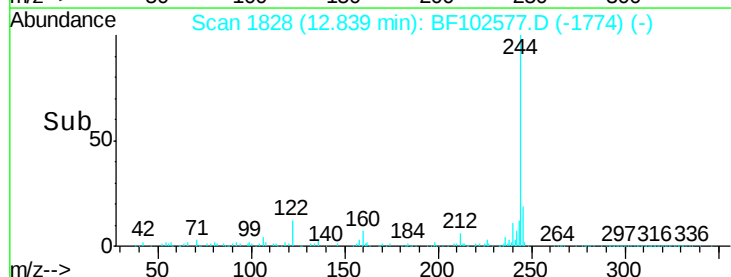
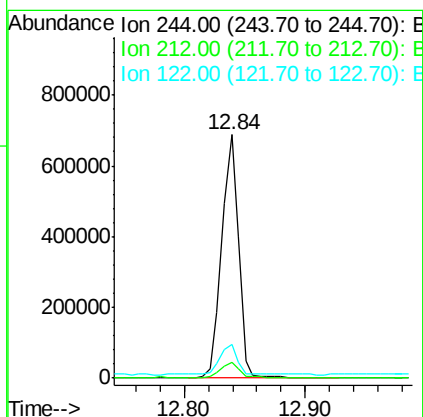
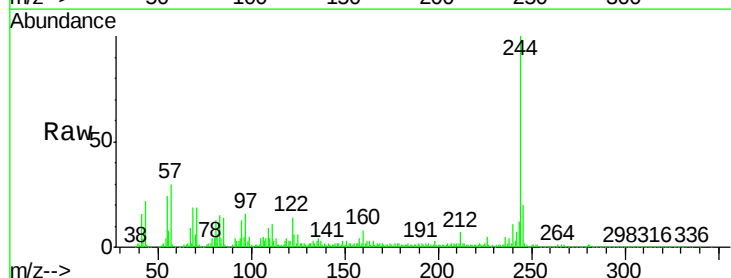
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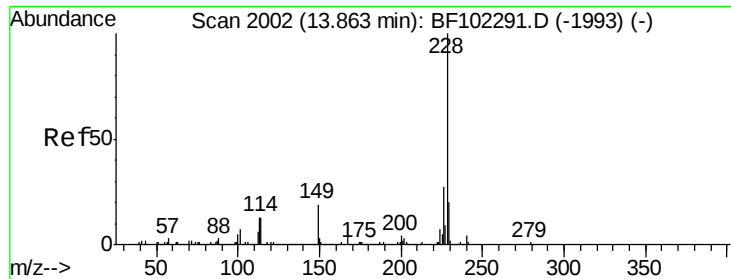
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#78
Terphenyl-d14
Concen: 73.660 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.02 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.7	11.0	16.4





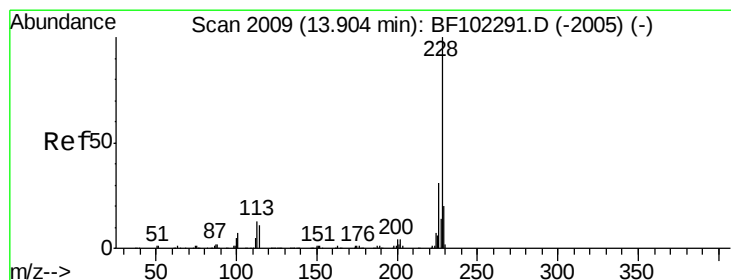
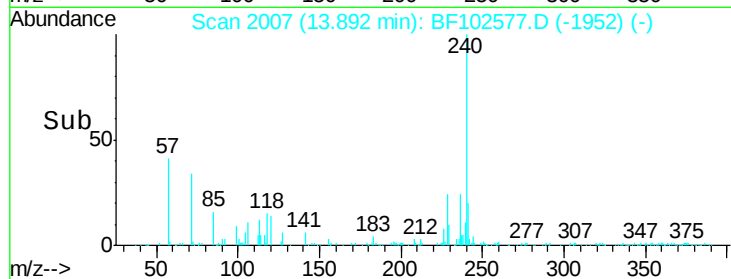
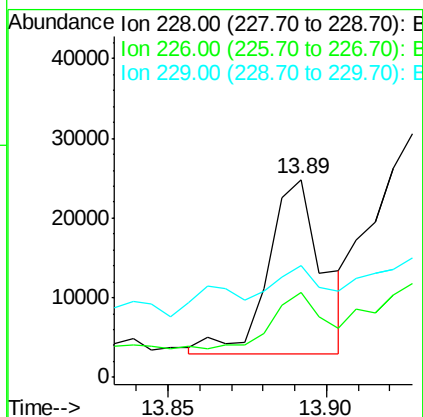
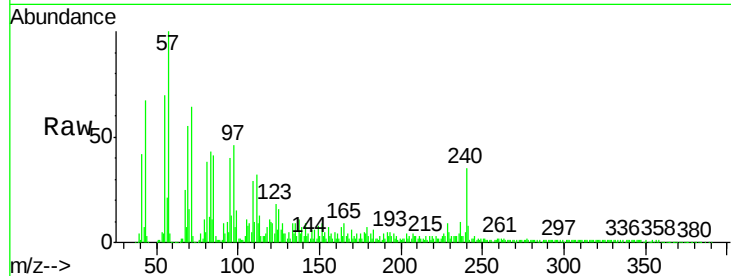
#80
Benzo(a)anthracene
Concen: 2.138 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.02 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Instrument :
BNA_F
ClientSampleId :
WC-17(0-5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	43.0	22.6	33.8#
229	56.5	15.8	23.6#

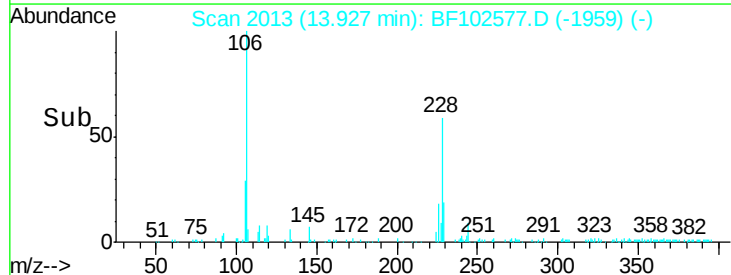
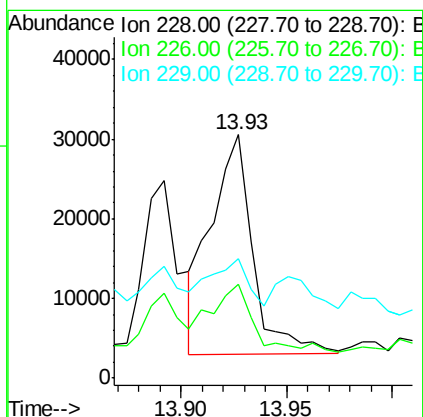
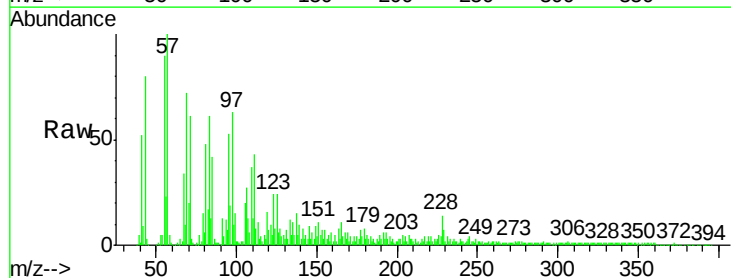
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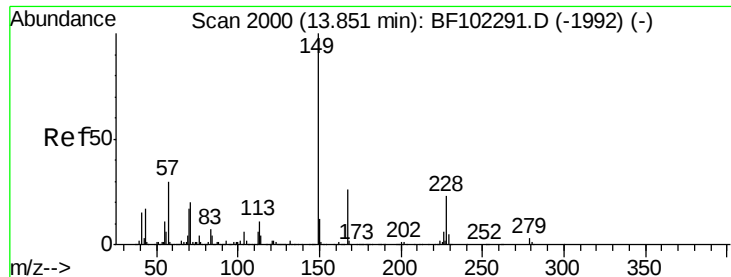
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#82
Chrysene
Concen: 3.041 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.02 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	38.3	25.0	37.6#
229	49.3	16.2	24.4#





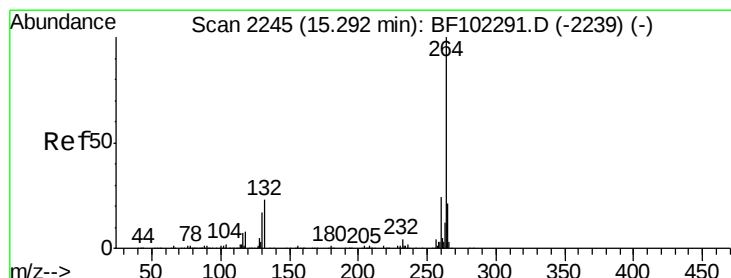
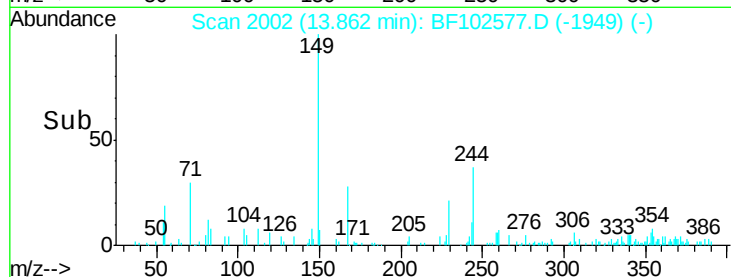
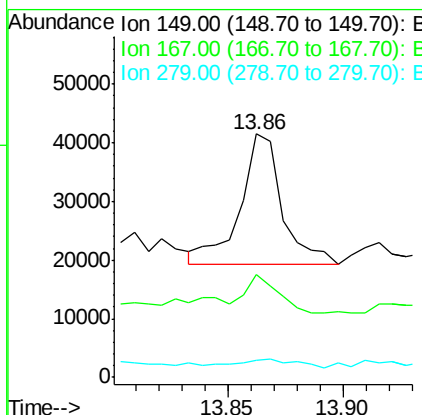
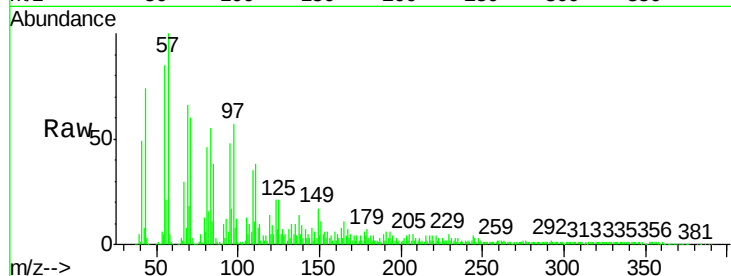
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.735 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Instrument :
BNA_F
ClientSampled :
WC-17(0-5)

Tot Ion	Ratio	Lower	Upper
149	100		
167	42.5	21.3	31.9#
279	6.8	3.0	4.4#

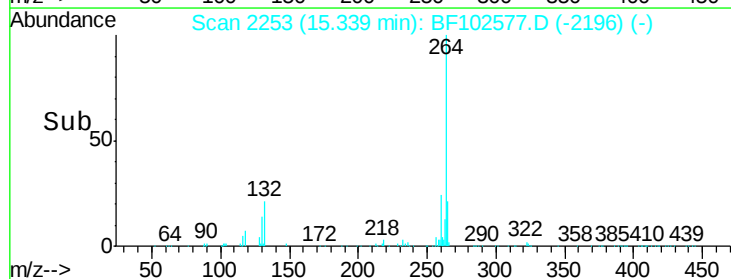
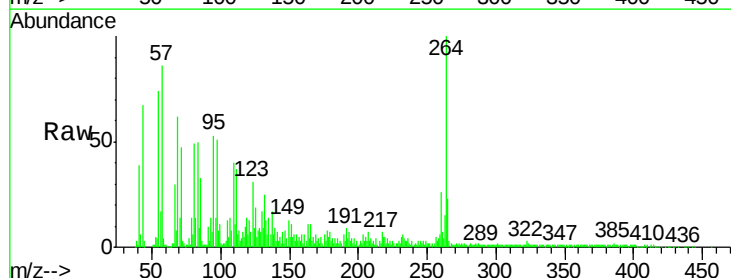
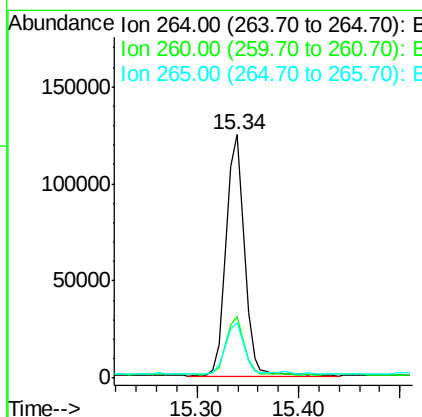
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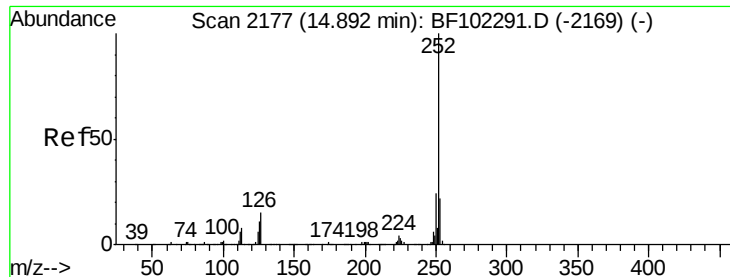
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.04 min
Lab File: BF102577.D
Acq: 29 Jan 2018 00:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	22.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 2.560 ng m

RT: 14.93 min Scan# 2183

Delta R.T. 0.03 min

Lab File: BF102577.D

Acq: 29 Jan 2018 00:12

Instrument :

BNA_F

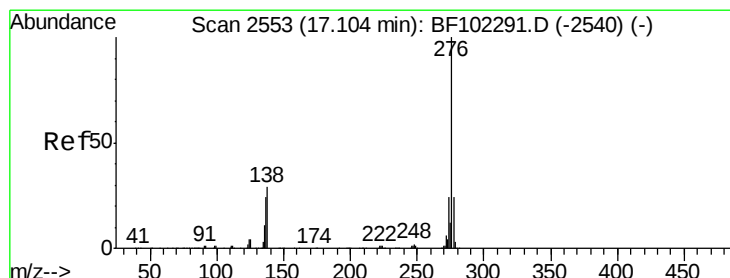
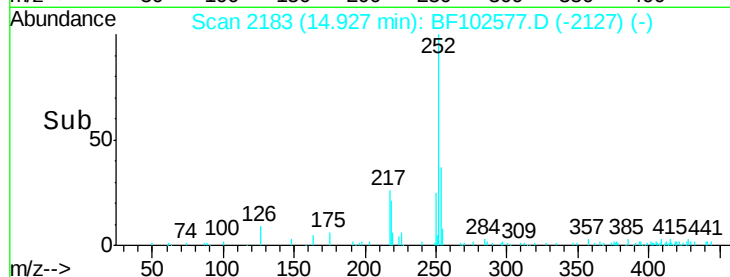
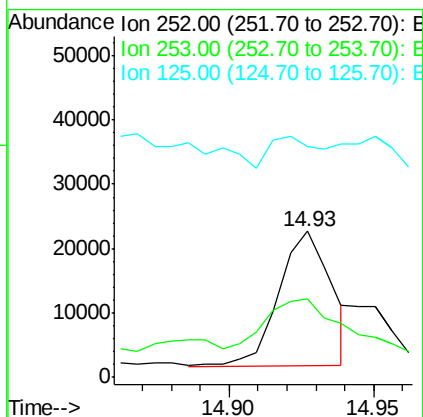
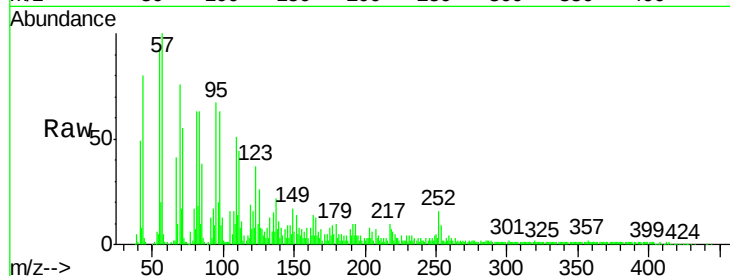
ClientSampled :

WC-17(0-5)

Tot Ion:	252	Resp:	26605
Ion Ratio	Lower	Upper	
252	100		
253	53.5	17.0	25.6#
125	158.2	9.0	13.6#

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 2.743 ng

RT: 17.16 min Scan# 2563

Delta R.T. 0.03 min

Lab File: BF102577.D

Acq: 29 Jan 2018 00:12

Tgt Ion:	276	Resp:	20568
Ion Ratio	Lower	Upper	
276	100		
277	28.1	17.9	26.9#
138	43.4	21.8	32.8#

