

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
 Data File : BF103982.D
 Acq On : 27 Mar 2018 20:47
 Operator : JU/SJ
 Sample : J2052-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 TP-BS

Manual Integrations
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Quant Time: Mar 28 05:44:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	153440	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	605893	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	260032	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	401221	20.00	ng	0.00
75) Chrysene-d12	14.16	240	281338	20.00	ng	-0.01
86) Perylene-d12	15.70	264	245487	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	946936	93.87	ng	0.02
7) Phenol-d6	6.60	99	1166132	94.48	ng	0.00
23) Nitrobenzene-d5	7.53	82	682079	78.50	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	248139	110.99	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1150248	70.56	ng	0.00
78) Terphenyl-d14	13.09	244	846526	69.84	ng	0.00
Target Compounds						
10) Phenol	6.62	94	75322	5.743	ng	83
49) Dimethylphthalate	9.72	163	84118	4.240	ng	99
74) Fluoranthene	12.72	202	141325	6.250	ng	99
77) Pyrene	12.96	202	295859	14.319	ng	98
80) Benzo(a)anthracene	14.14	228	87146	4.893	ng	95
82) Chrysene	14.18	228	90662	5.341	ng	97
85) Indeno(1,2,3-cd)pyrene	17.28	276	49958	3.370	ng	93
87) Benzo(b)fluoranthene	15.24	252	149087m	9.613	ng	
88) Benzo(k)fluoranthene	15.27	252	36667m	2.459	ng	
89) Benzo(a)pyrene	15.63	252	88598	6.298	ng	# 95
91) Benzo(g,h,i)perylene	17.76	276	52145	4.400	ng	96

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

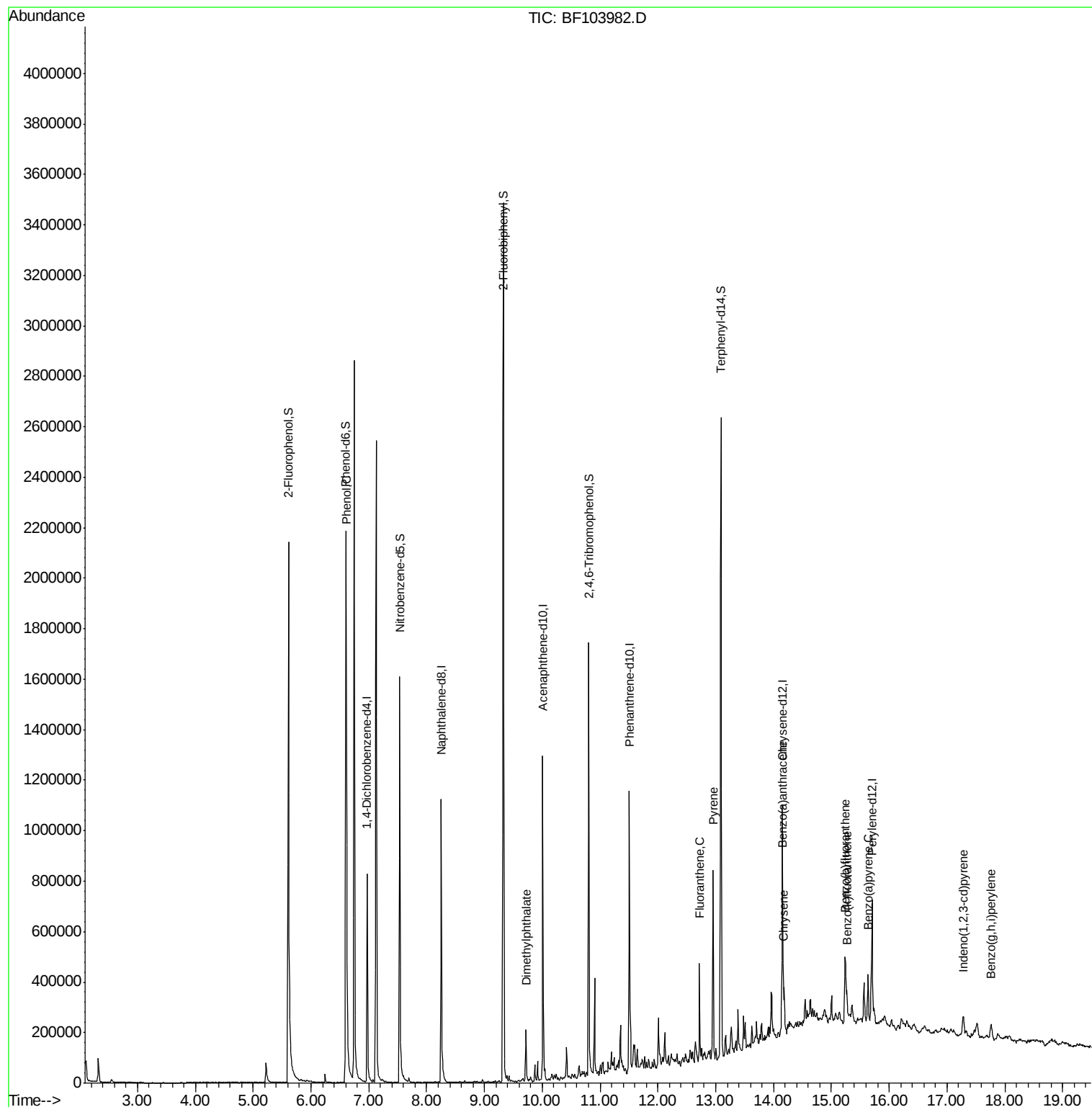
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103982.D
Acq On : 27 Mar 2018 20:47
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Sample : J2052-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

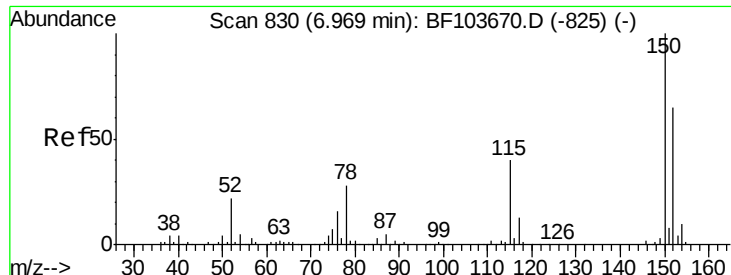
Instrument :
BNA_F
ClientSampleId :
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#1

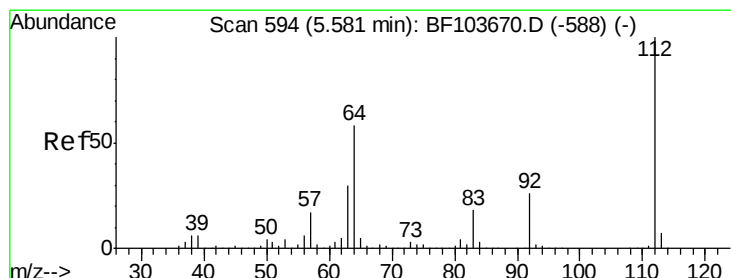
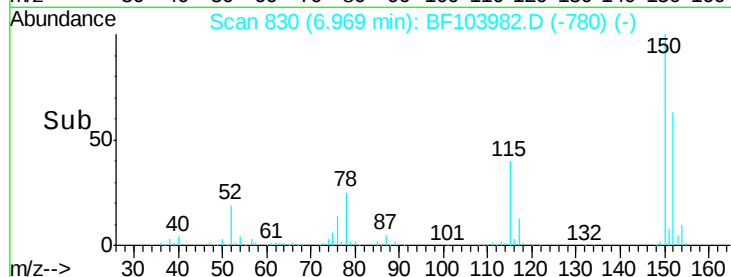
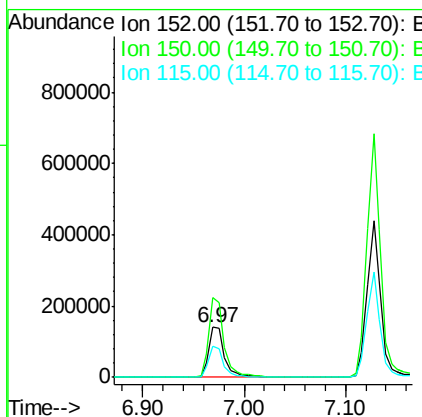
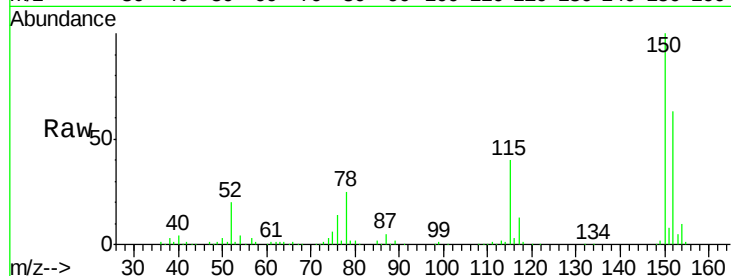
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103982.D
Acq: 27 Mar 2018 20:47

Instrument :
BNA_F
ClientSampled :
TP-BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.6	186.8
115	63.7	50.1	75.1

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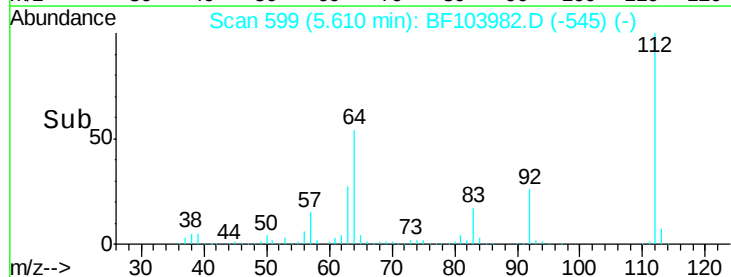
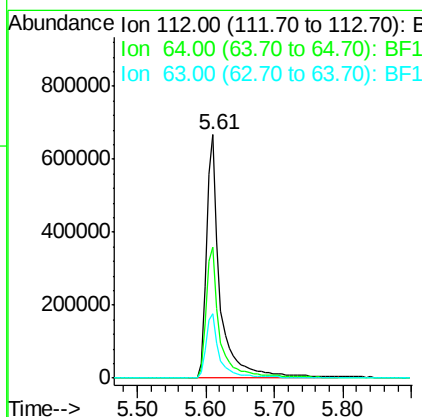
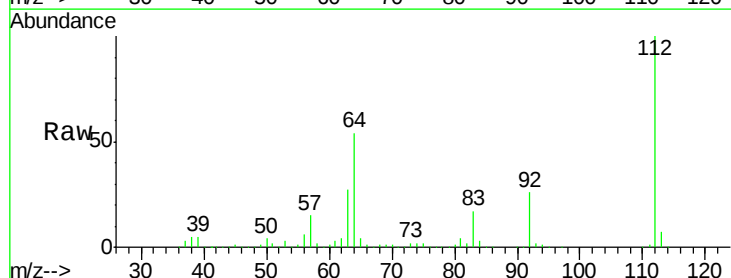
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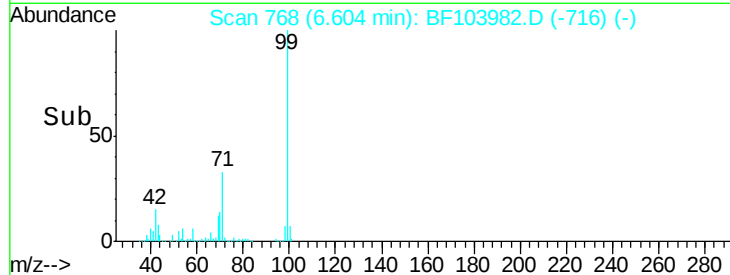
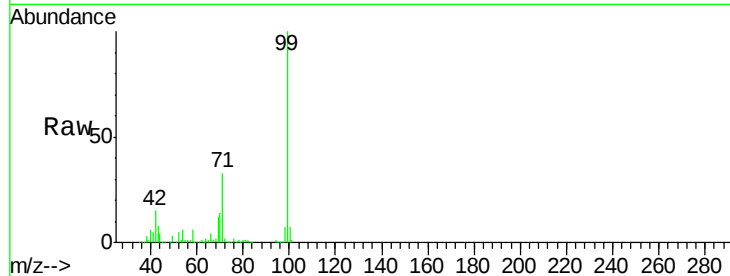


#5

2-Fluorophenol
Concen: 93.866 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF103982.D
Acq: 27 Mar 2018 20:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	47.9	71.9
63	26.7	23.7	35.5





#7

Phenol-d6

Concen: 94.484 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103982.D

Acq: 27 Mar 2018 20:47

Tot Ion: 99 Resp: 1166132

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

71 33.0 25.4 38.0

Instrument :

BNA_F

ClientSampled :

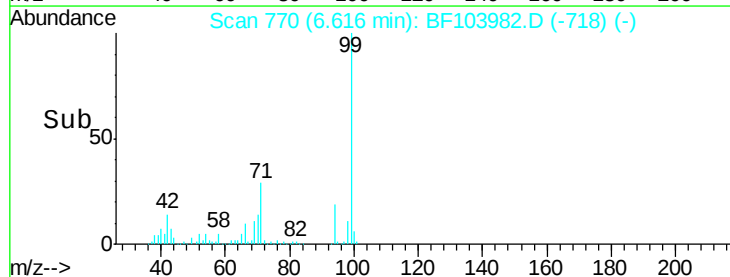
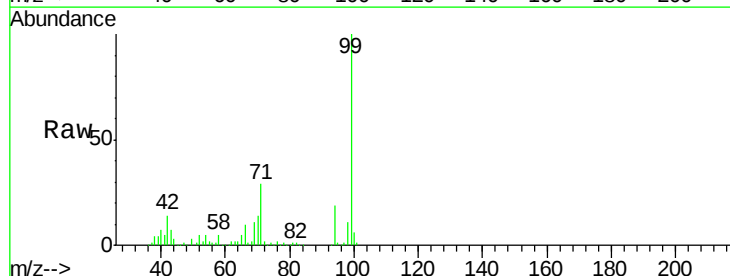
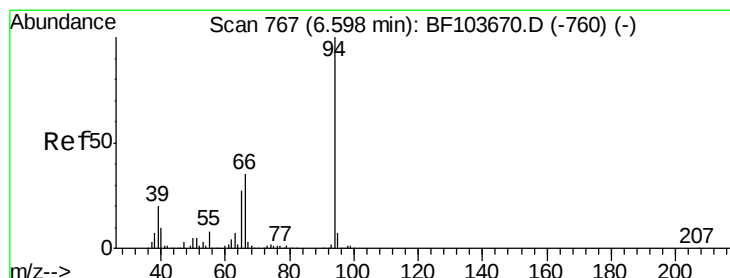
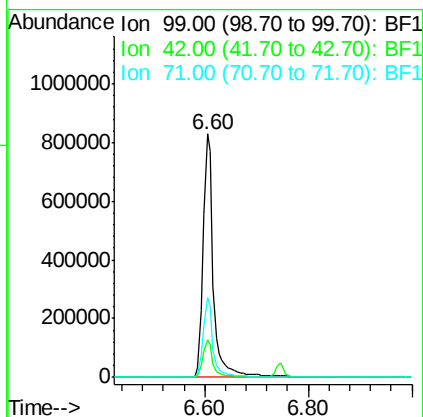
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#10

Phenol

Concen: 5.743 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF103982.D

Acq: 27 Mar 2018 20:47

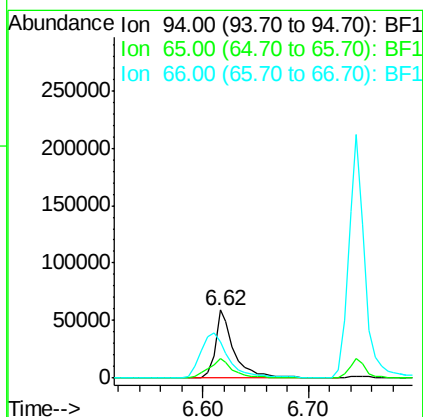
Tgt Ion: 94 Resp: 75322

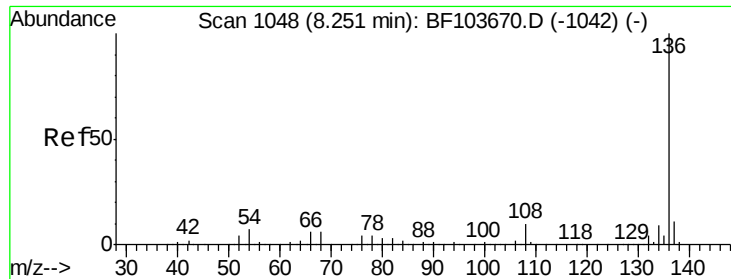
Ion Ratio Lower Upper

94 100

65 28.0 7.9 47.9

66 53.6 16.2 56.2





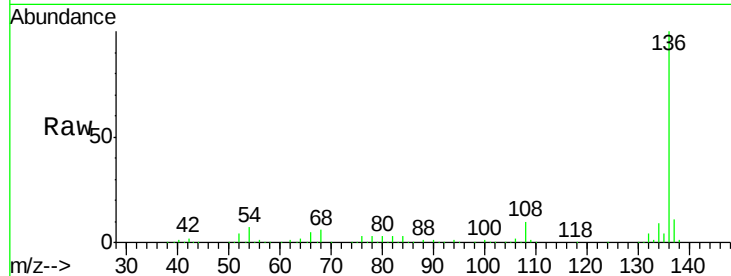
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF103982.D
Acq: 27 Mar 2018 20:47

Instrument :
BNA_F
ClientSampleId :
TP-BS

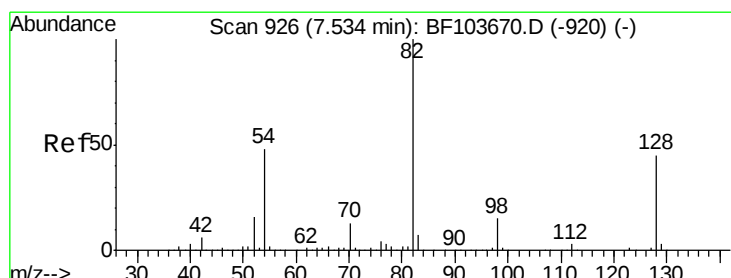
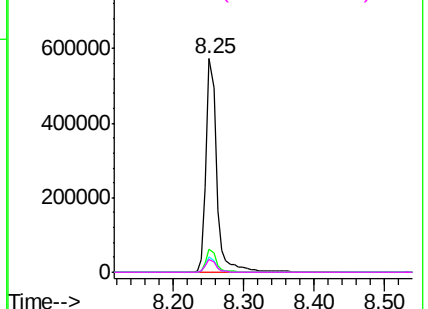
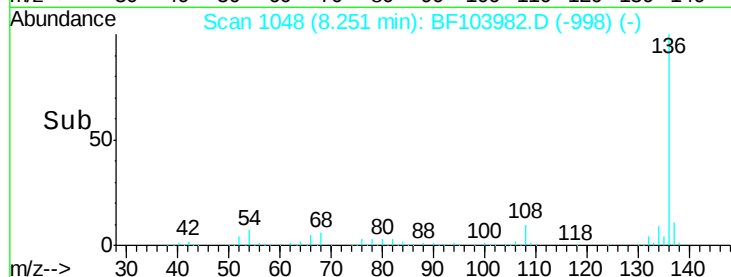
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		605893		
137	11.0		8.9	13.3	
54	6.9		6.6	9.8	
68	6.2		5.0	7.4	

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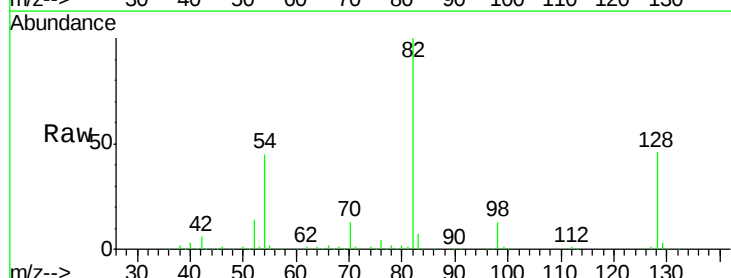


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

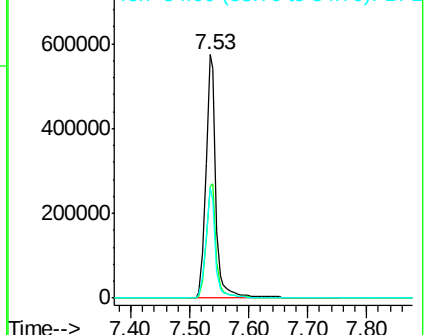
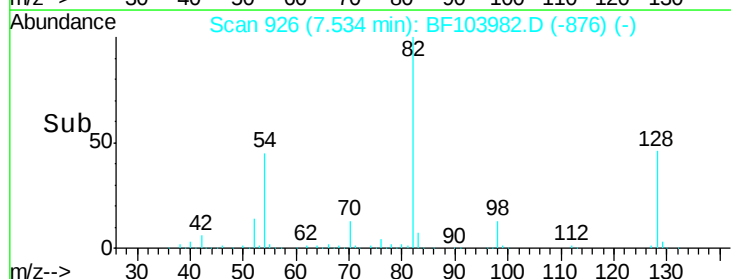


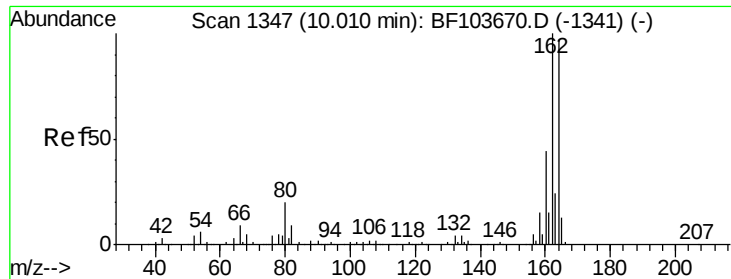
#23
Nitrobenzene-d5
Concen: 78.505 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103982.D
Acq: 27 Mar 2018 20:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		682079		
128	46.2		36.1	54.1	
54	45.2		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





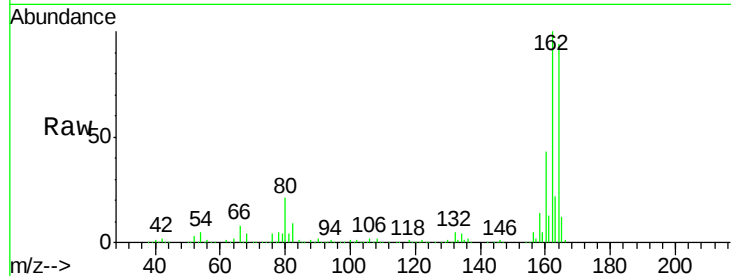
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF103982.D
Acq: 27 Mar 2018 20:47

Instrument :
BNA_F
ClientSampled :
TP-BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.1	129.1
160	45.8	38.3	57.5

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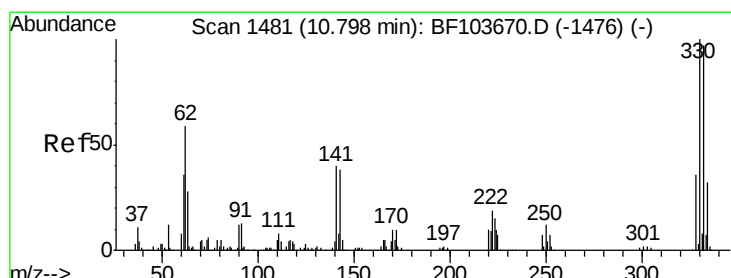
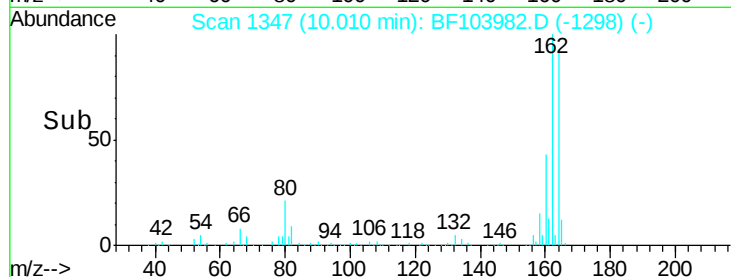
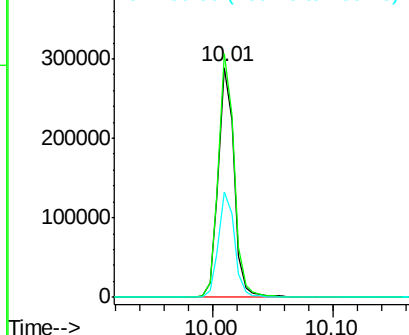


Abundance

Ion 164.00 (163.70 to 164.70): E

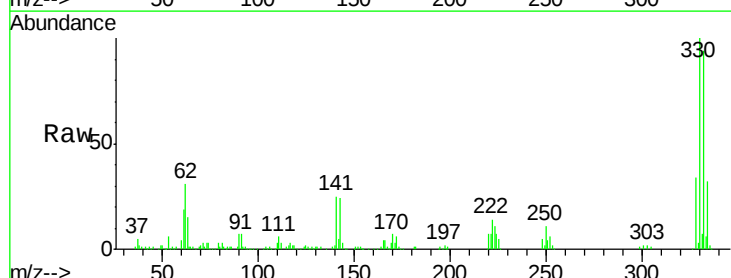
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
2,4,6-Tribromophenol
Concen: 110.986 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF103982.D
Acq: 27 Mar 2018 20:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	31.6	29.9	44.9

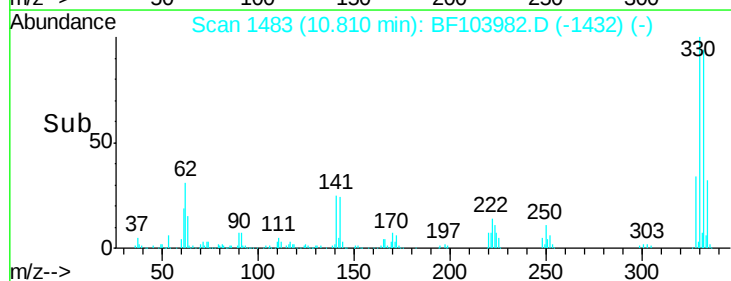
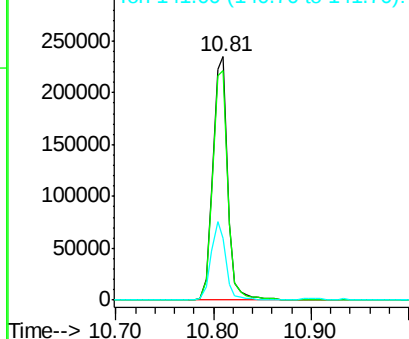


Abundance

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





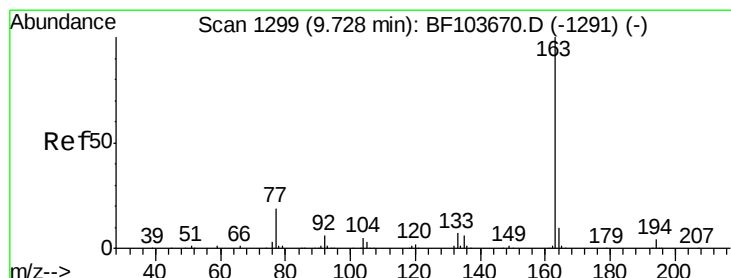
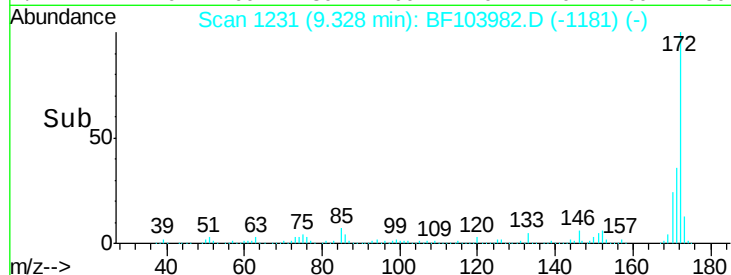
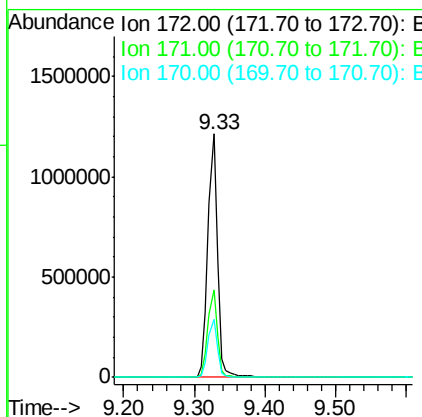
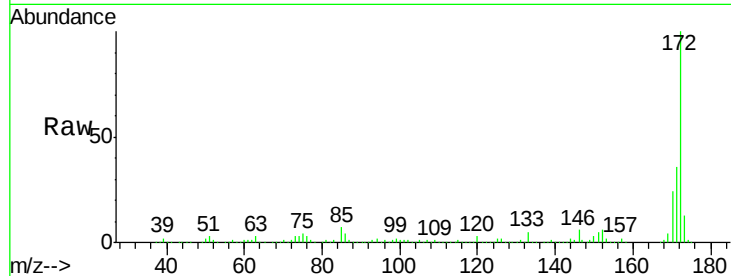
#44
2-Fluorobiphenyl
Concen: 70.561 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103982.D
Acq: 27 Mar 2018 20:47

Instrument :
BNA_F
ClientSampleId :
TP-BS

Tot Ion:172 Resp: 1150248
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.8 19.6 29.4

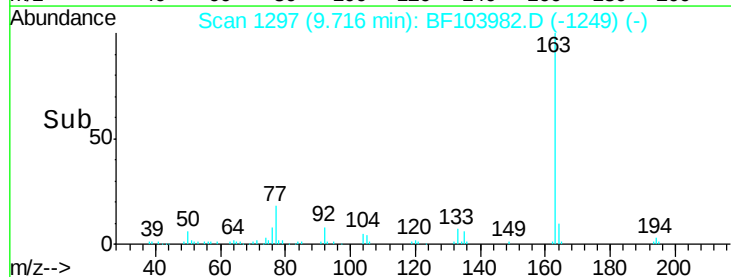
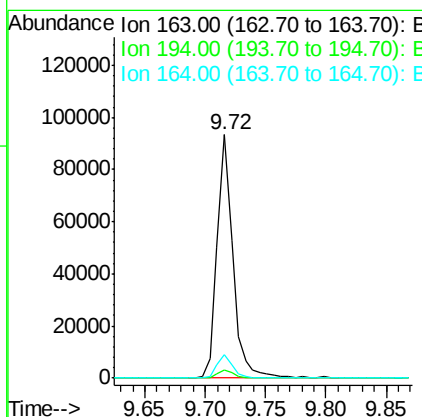
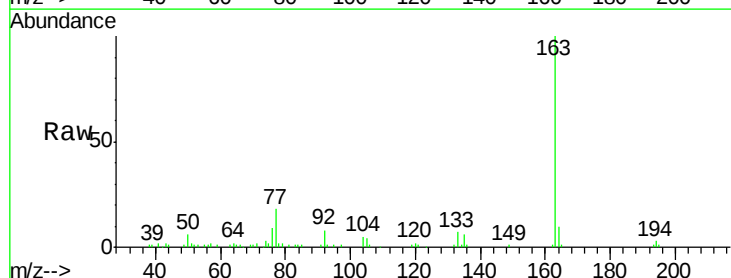
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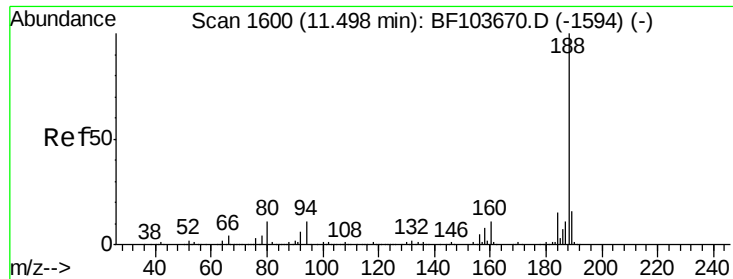
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#49
Dimethylphthalate
Concen: 4.240 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF103982.D
Acq: 27 Mar 2018 20:47

Tgt Ion:163 Resp: 84118
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.8 8.2 12.2





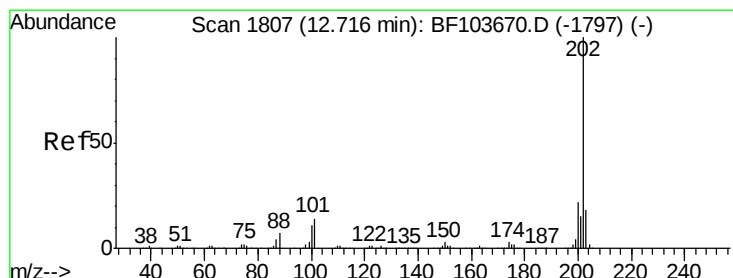
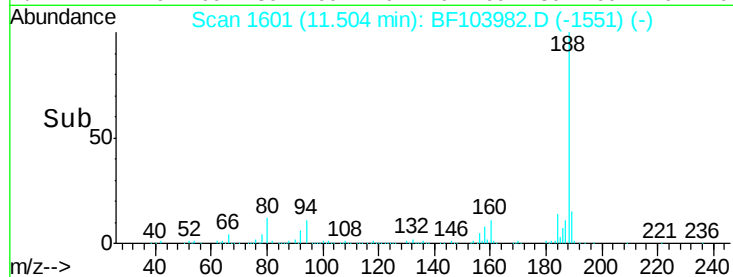
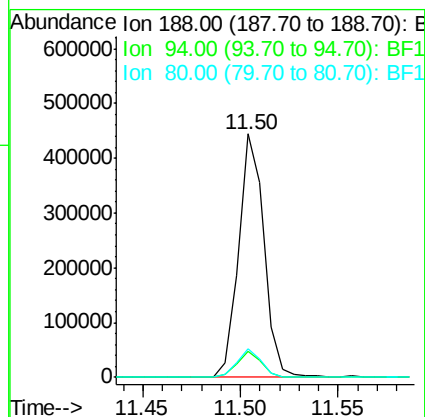
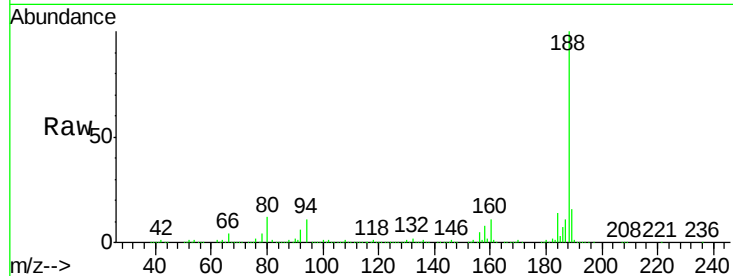
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103982.D
Acq: 27 Mar 2018 20:47

Instrument :
BNA_F
ClientSampleId :
TP-BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.8	9.2	13.8

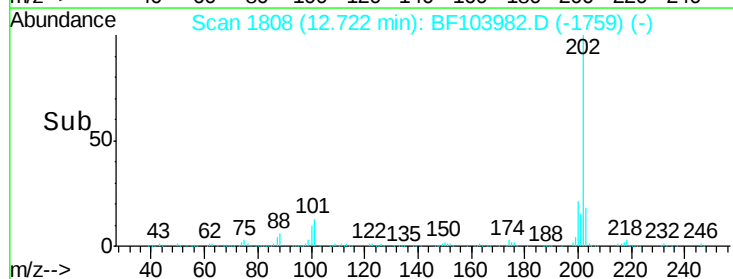
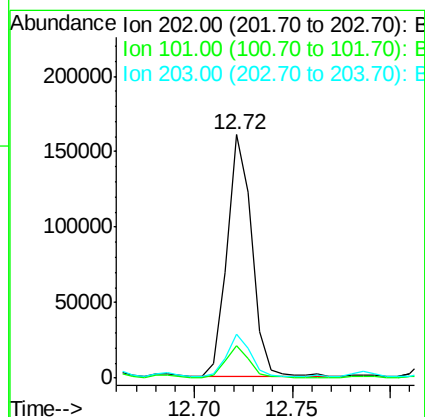
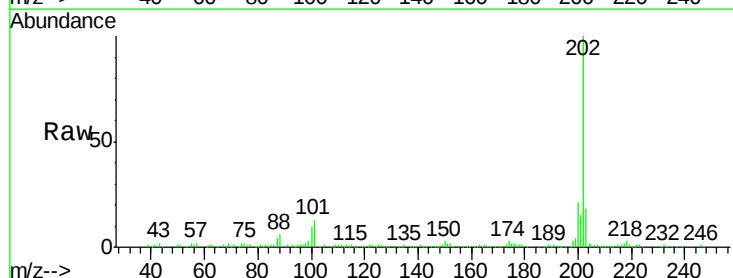
Manual Integrations
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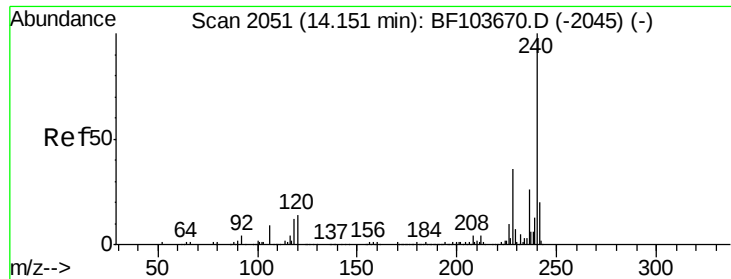
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#74
Fluoranthene
Concen: 6.250 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF103982.D
Acq: 27 Mar 2018 20:47

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.5	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF103982.D

Acq: 27 Mar 2018 20:47

Instrument :

BNA_F

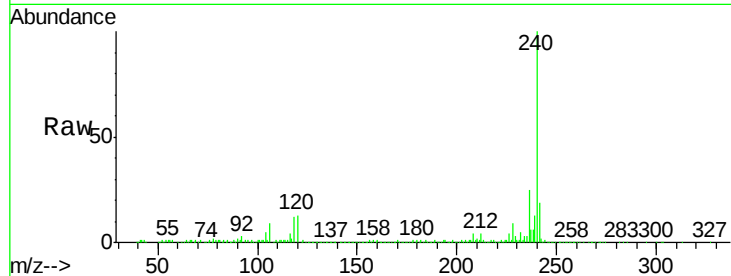
ClientSampled :

TP-BS

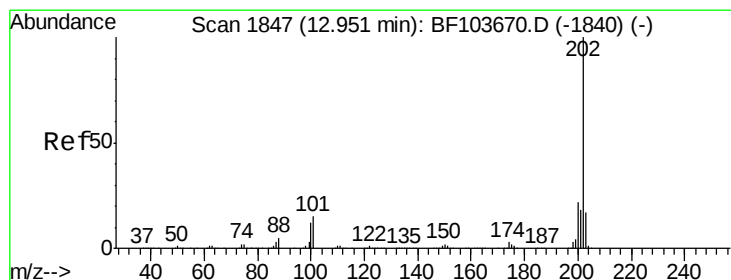
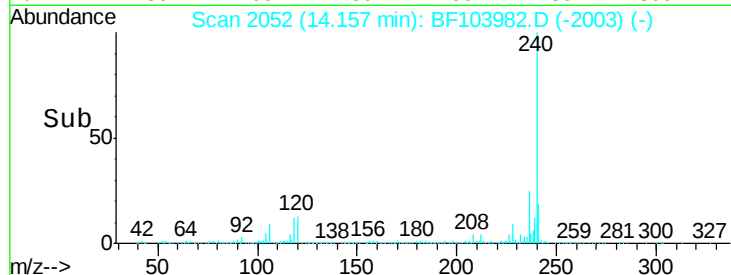
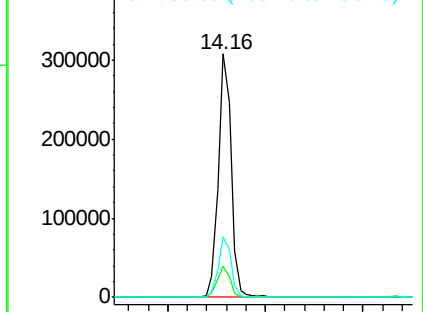
Tot Ion:	240	Resp:	281338
Ion Ratio	Lower	Upper	
240	100		
120	13.0	9.5	14.3
236	25.0	20.7	31.1

Manual Integrations
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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: 14.319 ng

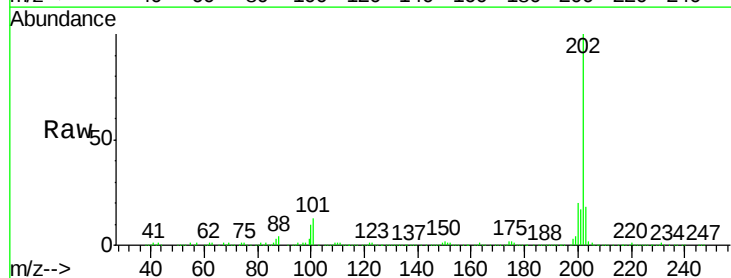
RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

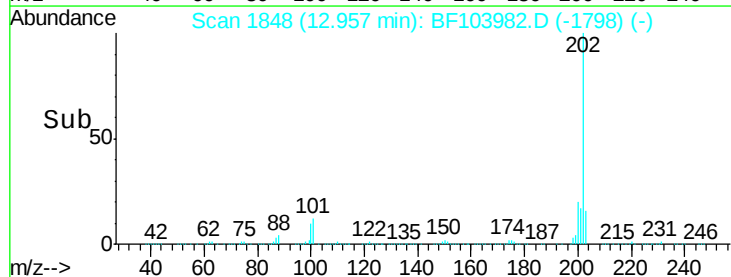
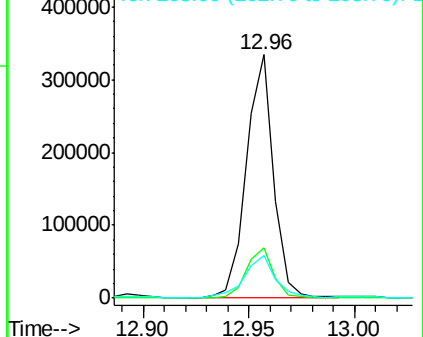
Lab File: BF103982.D

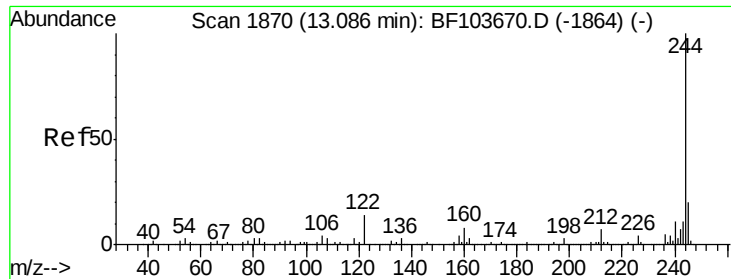
Acq: 27 Mar 2018 20:47

Tgt Ion:	202	Resp:	295859
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.4	26.2
203	17.6	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 69.842 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF103982.D

Acq: 27 Mar 2018 20:47

Instrument :

BNA_F

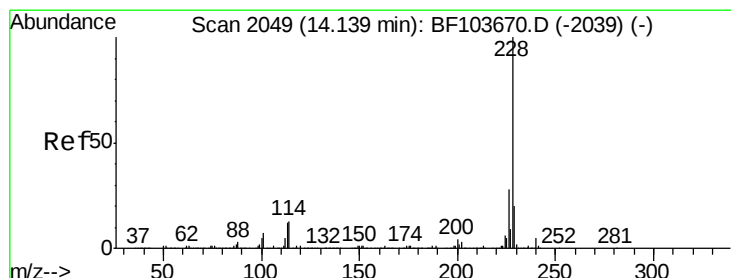
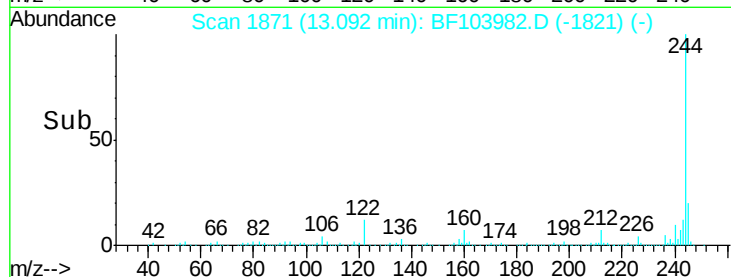
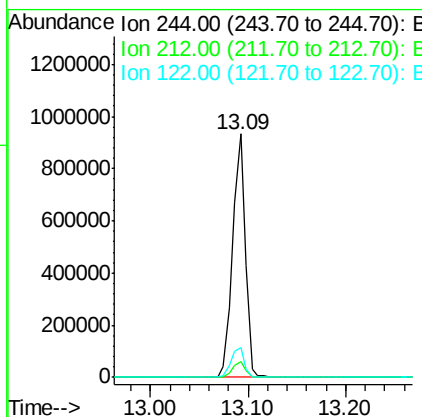
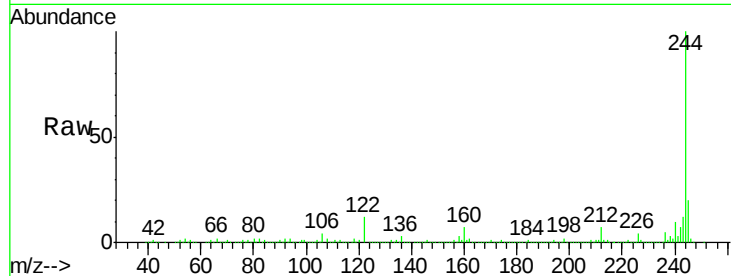
ClientSampleId :

TP-BS

Tot Ion:	244	Resp:	846526
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.0
122	12.3	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 4.893 ng

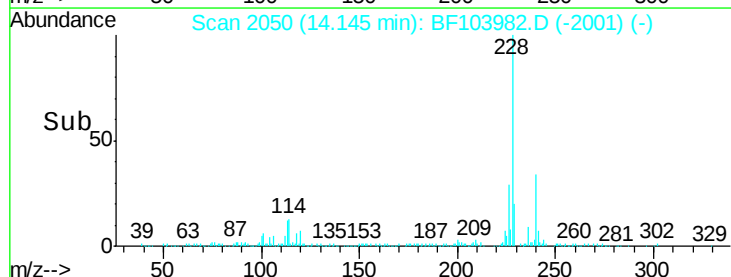
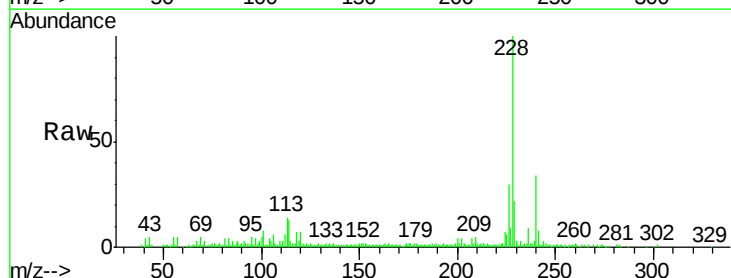
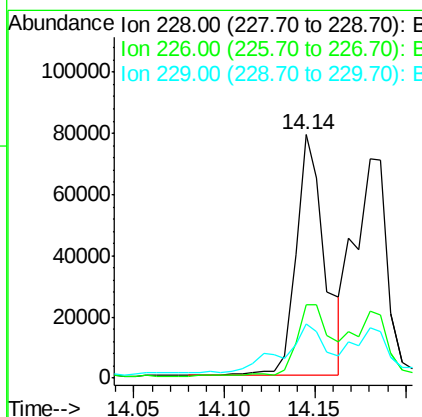
RT: 14.14 min Scan# 2050

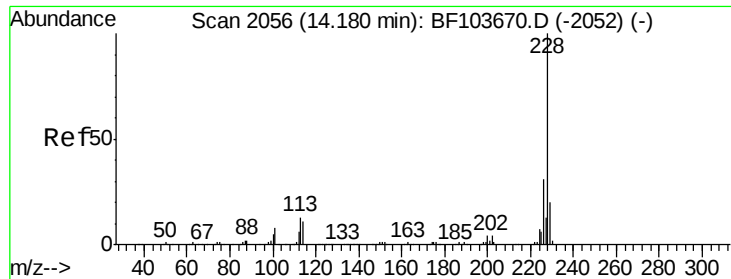
Delta R.T. -0.01 min

Lab File: BF103982.D

Acq: 27 Mar 2018 20:47

Tgt Ion:	228	Resp:	87146
Ion Ratio	Lower	Upper	
228	100		
226	30.1	22.6	33.8
229	22.4	15.8	23.6





#82

Chrysene

Concen: 5.341 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BF103982.D

Acq: 27 Mar 2018 20:47

Instrument :

BNA_F

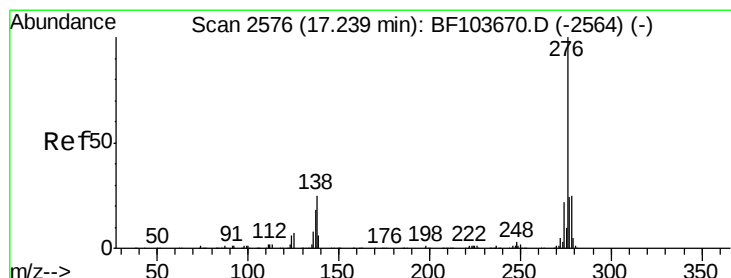
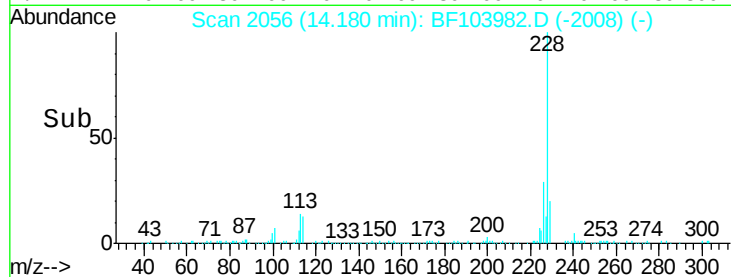
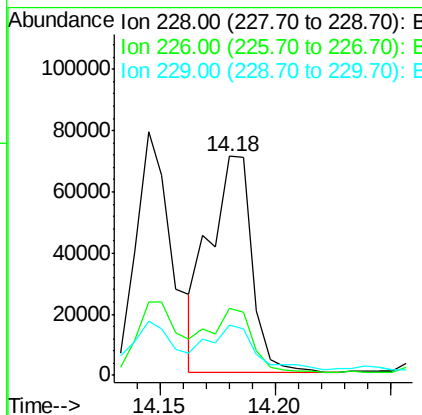
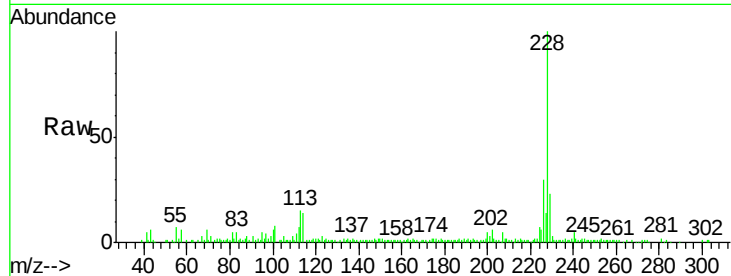
ClientSampled :

TP-BS

Tot Ion:	228	Resp:	90662
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.6
229	22.8	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 3.370 ng

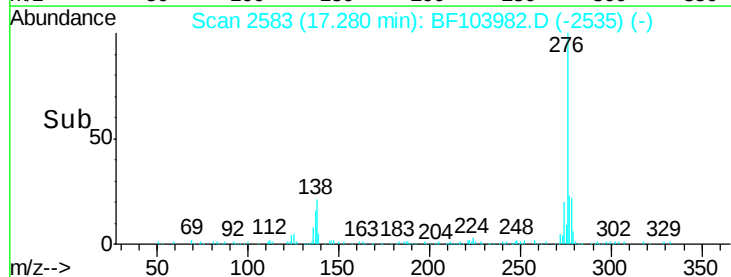
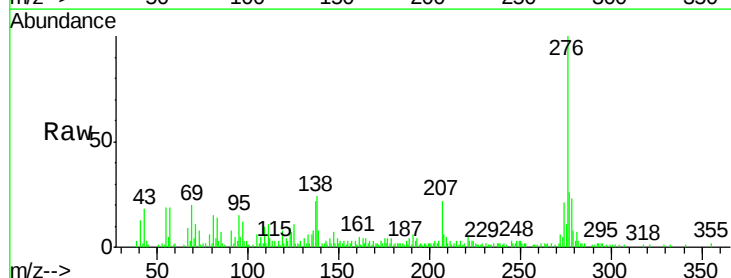
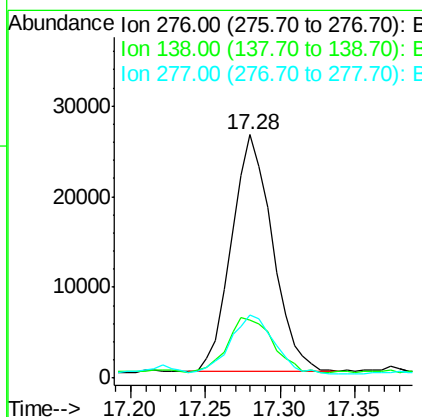
RT: 17.28 min Scan# 2583

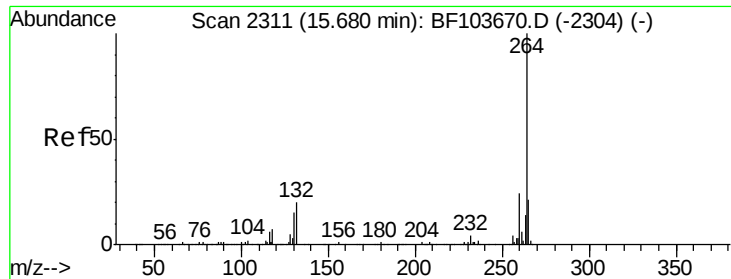
Delta R.T. -0.02 min

Lab File: BF103982.D

Acq: 27 Mar 2018 20:47

Tgt Ion:	276	Resp:	49958
Ion Ratio	Lower	Upper	
276	100		
138	26.0	25.0	37.6
277	27.2	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BF103982.D

Acq: 27 Mar 2018 20:47

Instrument :

BNA_F

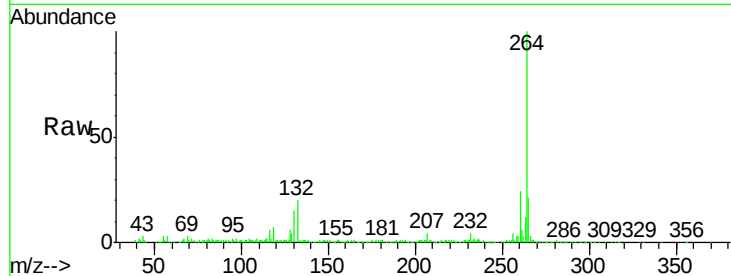
ClientSampled :

TP-BS

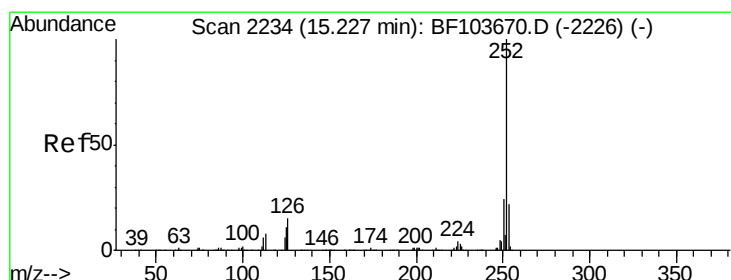
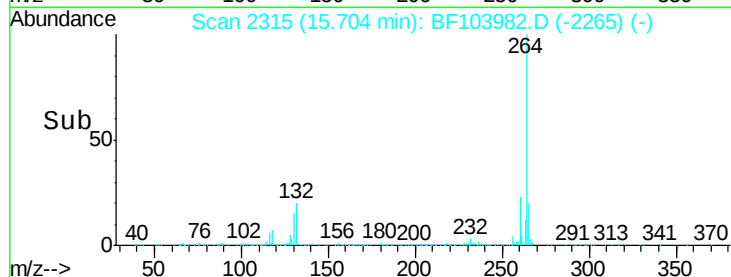
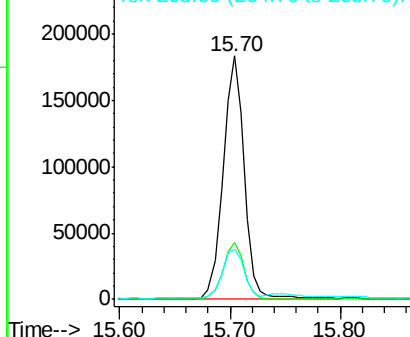
Tot Ion:	264	Resp:	245487
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.2	28.8
265	20.9	17.5	26.3

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 9.613 ng m

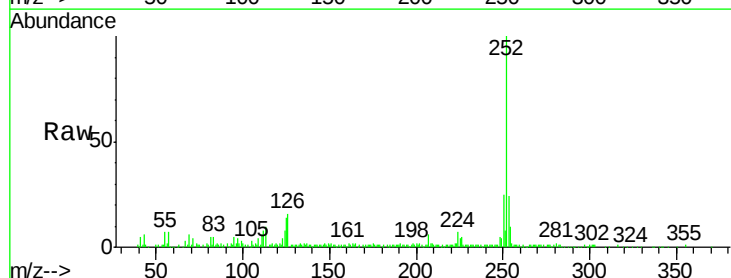
RT: 15.24 min Scan# 2236

Delta R.T. -0.01 min

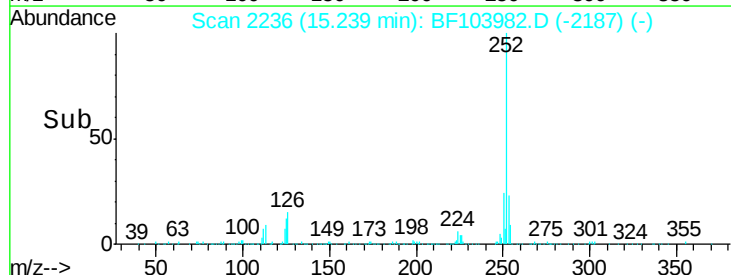
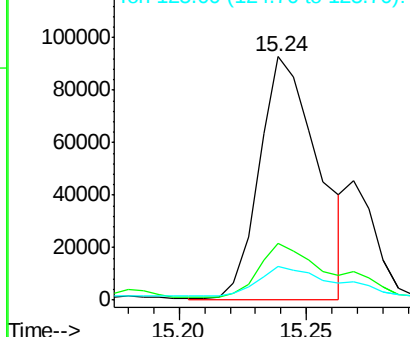
Lab File: BF103982.D

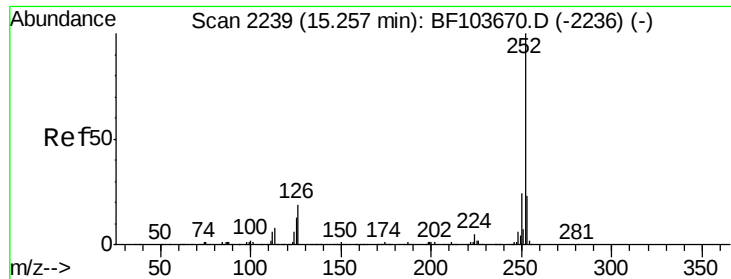
Acq: 27 Mar 2018 20:47

Tgt Ion:	252	Resp:	149087
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.0	25.6
125	13.8	9.0	13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





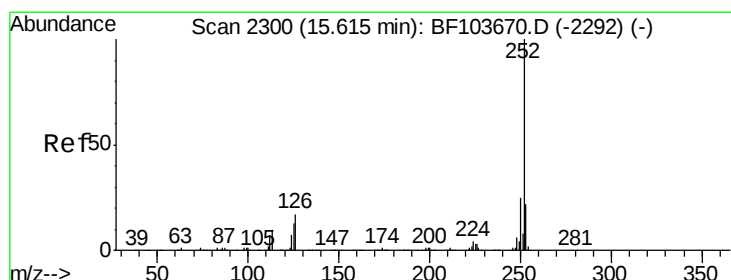
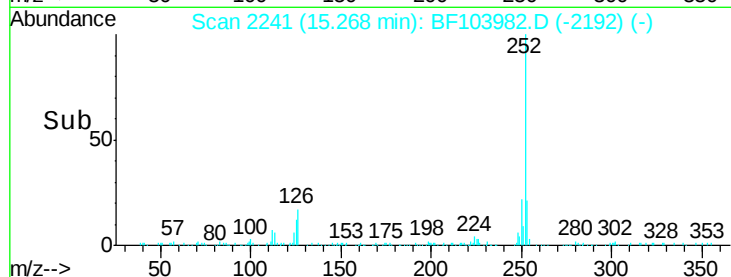
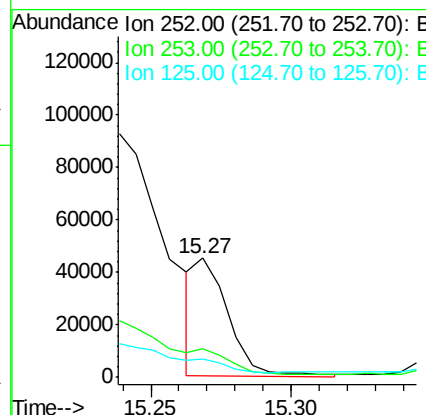
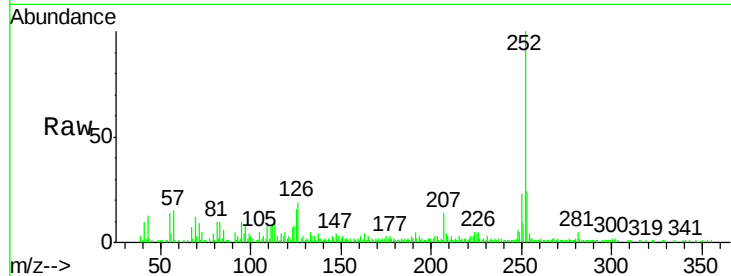
#88
Benzo(k)fluoranthene
Concen: 2.459 ng m
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF103982.D
Acq: 27 Mar 2018 20:47

Instrument :
BNA_F
ClientSampled :
TP-BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	15.5	10.2	15.2

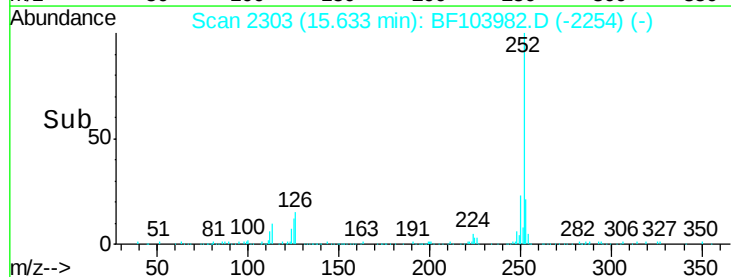
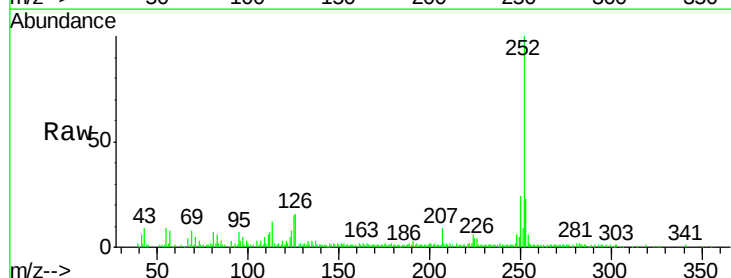
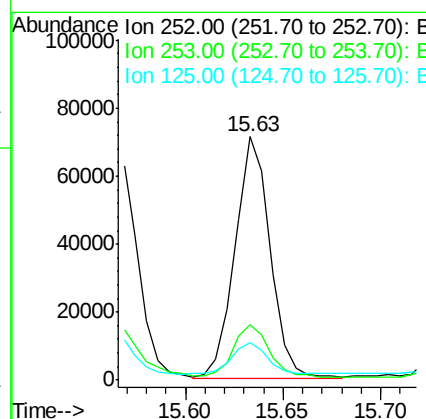
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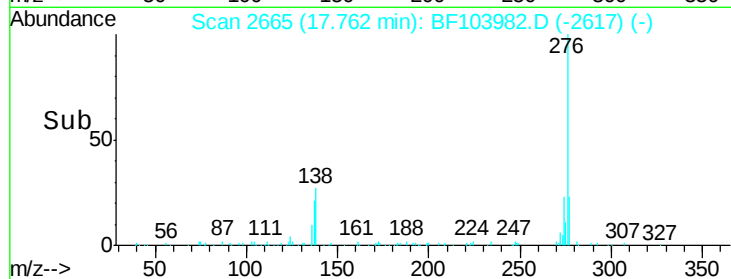
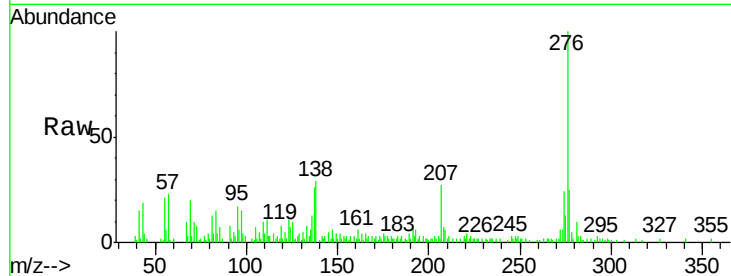
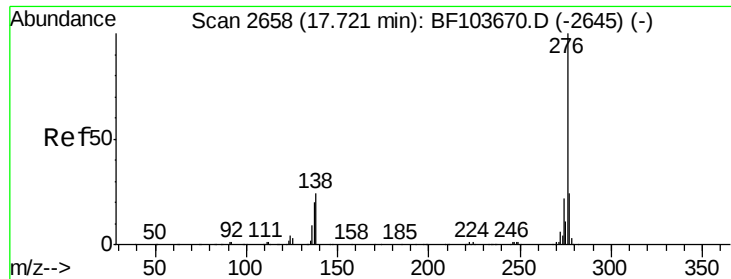
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#89
Benzo(a)pyrene
Concen: 6.298 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BF103982.D
Acq: 27 Mar 2018 20:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	15.5	9.8	14.6





#91

Benzo(a,h,i)perylene

Concen: 4.400 ng

RT: 17.76 min Scan# 2665

Delta R.T. -0.02 min

Lab File: BF103982.D

Acq: 27 Mar 2018 20:47

Instrument :

BNA_F

ClientSampleId :

TP-BS

Tot Ion:	276	Resp:	52145
Ion Ratio	Lower	Upper	
276	100		
277	25.0	17.9	26.9
138	28.8	21.8	32.8

Manual Integrations
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