

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103887.D
 Acq On : 23 Mar 2018 18:20
 Operator : JU/SJ
 Sample : J2009-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Manual Integrations
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Quant Time: Mar 24 01:05:15 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	137011	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	493498	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	187508	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	302447	20.00	ng	0.00
75) Chrysene-d12	14.17	240	250557	20.00	ng	0.00
86) Perylene-d12	15.71	264	184187	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	877748	97.44	ng	0.01
7) Phenol-d6	6.60	99	1055853	95.81	ng	0.00
23) Nitrobenzene-d5	7.54	82	595185	84.11	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	181998	112.89	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	929331	79.06	ng	0.00
78) Terphenyl-d14	13.10	244	780805	72.33	ng	0.00
Target Compounds						
10) Phenol	6.61	94	25677	2.193	ng	92
49) Dimethylphthalate	9.72	163	97782	6.835	ng	99
70) Phenanthrene	11.53	178	79144	4.784	ng	98
74) Fluoranthene	12.73	202	141223	8.285	ng	95
77) Pyrene	12.96	202	150572	8.183	ng	99
80) Benzo(a)anthracene	14.16	228	79634	5.021	ng	97
82) Chrysene	14.19	228	77582	5.131	ng	97
85) Indeno(1,2,3-cd)pyrene	17.29	276	35041	2.654	ng	93
87) Benzo(b)fluoranthene	15.25	252	78846m	6.776	ng	
88) Benzo(k)fluoranthene	15.27	252	23345m	2.087	ng	
89) Benzo(a)pyrene	15.64	252	59580	5.645	ng	# 88
91) Benzo(a,h,i)perylene	17.77	276	34822	3.917	ng	94

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

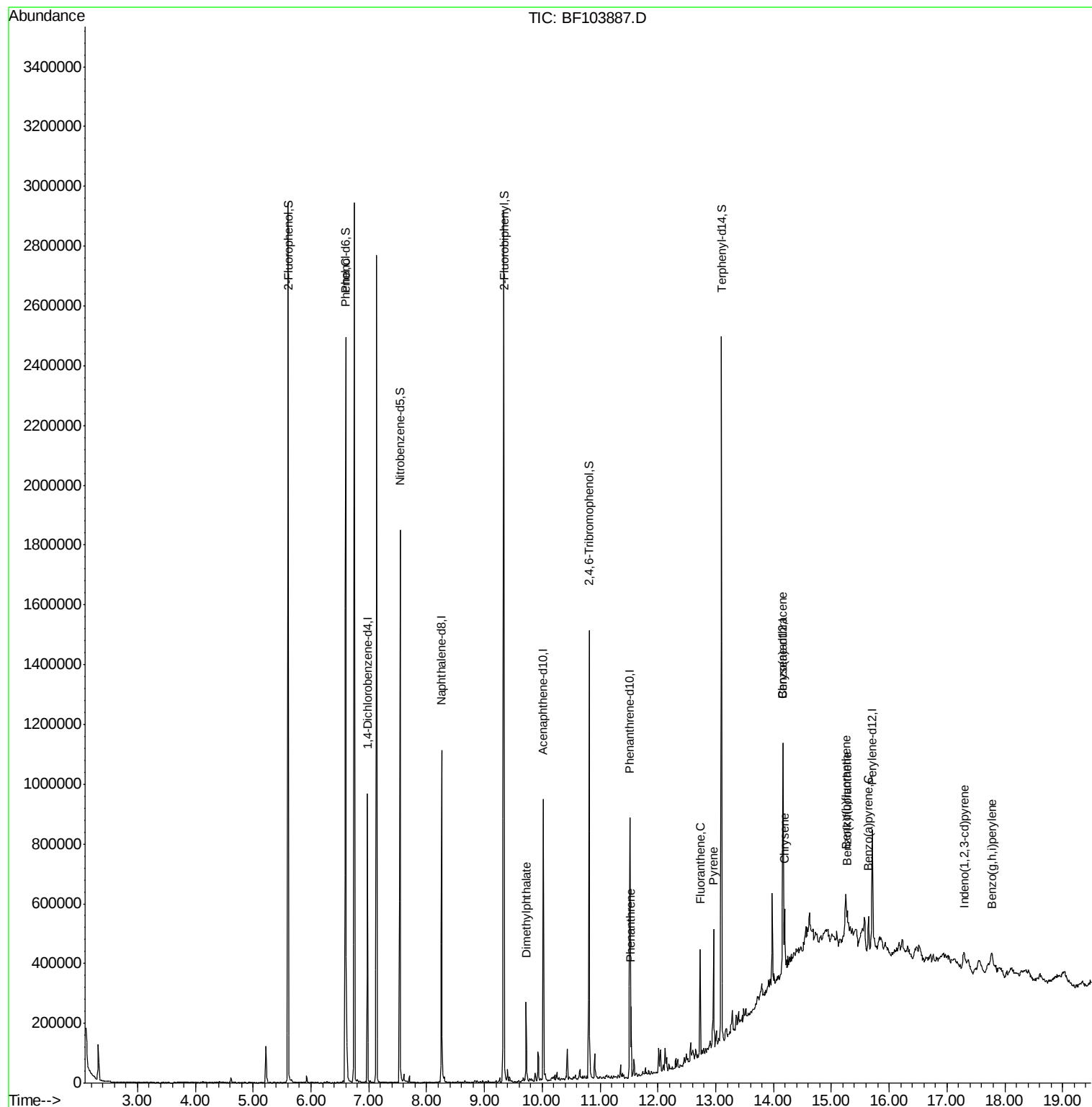
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
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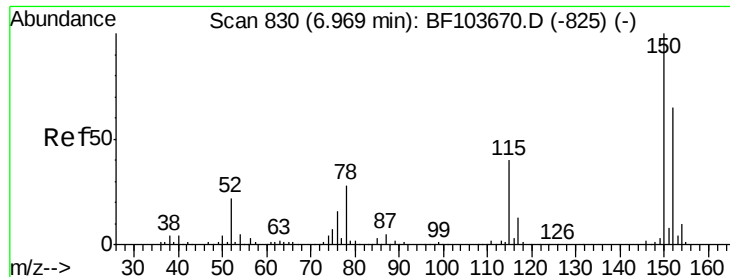
Instrument :
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#1

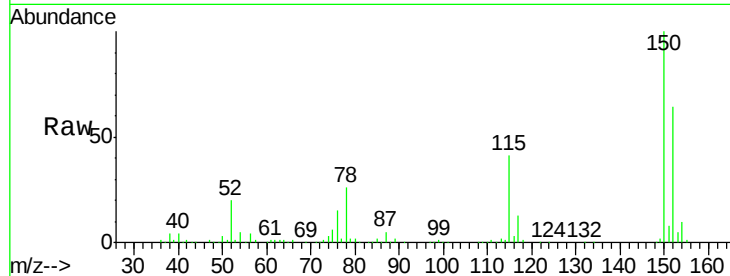
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	62.9	50.1	75.1

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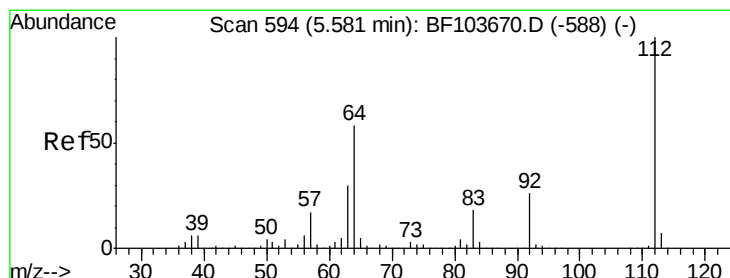
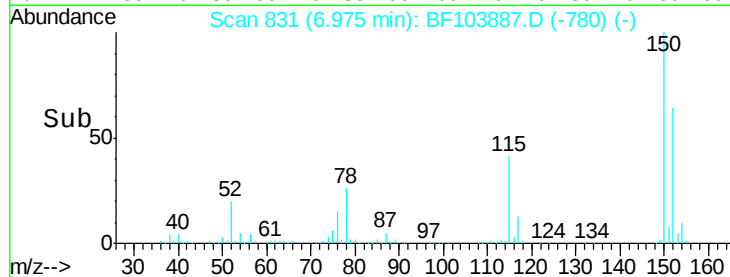
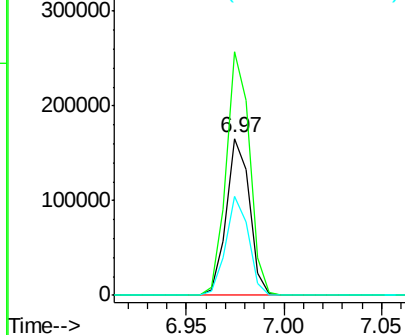


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

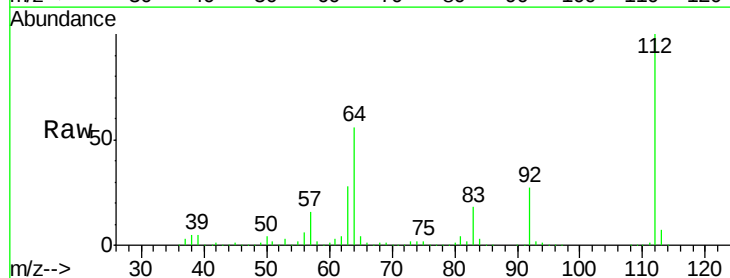
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.441 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.9	71.9
63	27.7	23.7	35.5

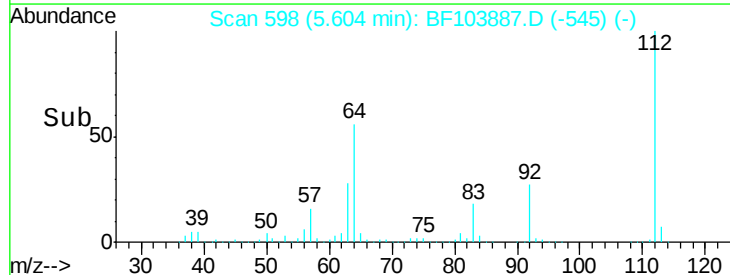
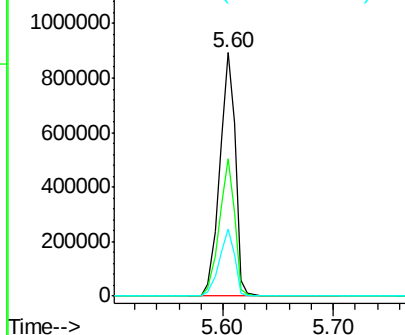


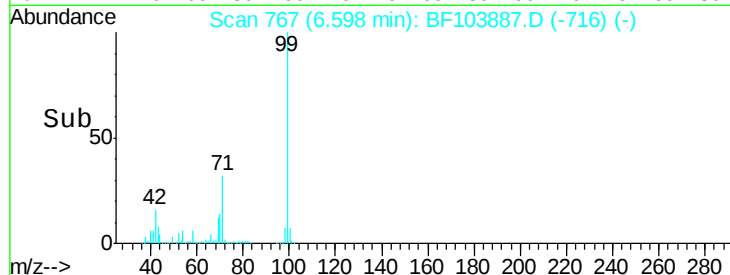
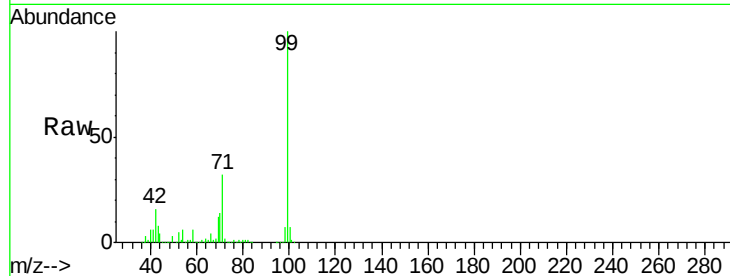
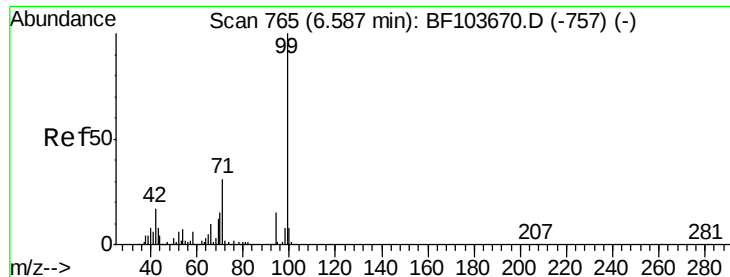
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 95.807 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103887.D

Acq: 23 Mar 2018 18:20

Tot Ion: 99 Resp: 1055853

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

71 31.8 25.4 38.0

Instrument :

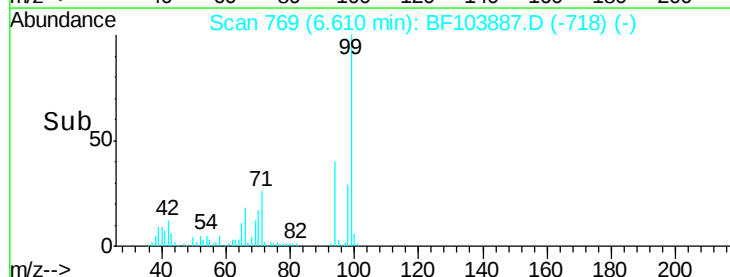
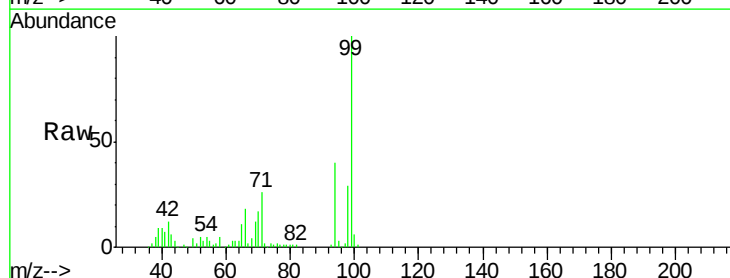
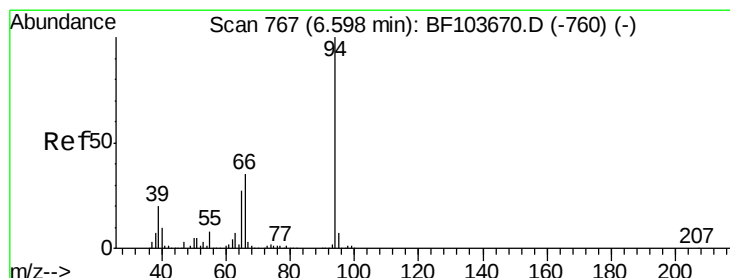
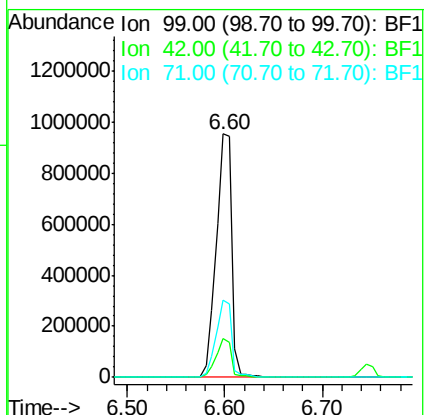
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ClientSampleId :

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#10

Phenol

Concen: 2.193 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF103887.D

Acq: 23 Mar 2018 18:20

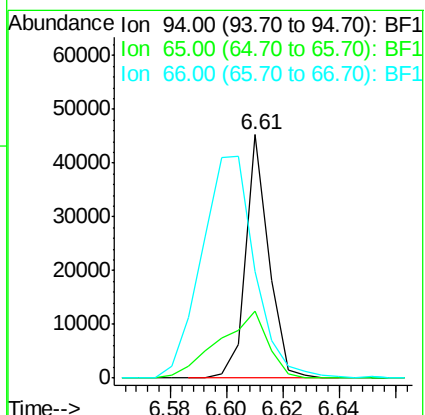
Tgt Ion: 94 Resp: 25677

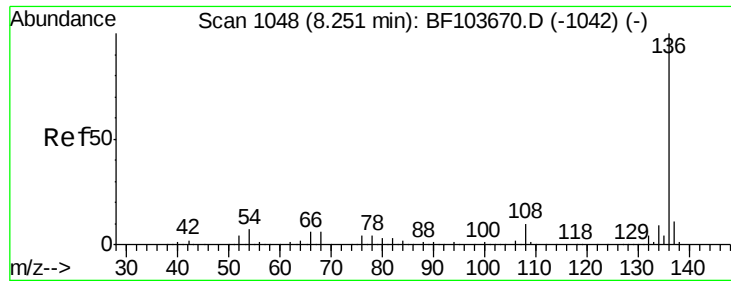
Ion Ratio Lower Upper

94 100

65 27.6 7.9 47.9

66 43.9 16.2 56.2





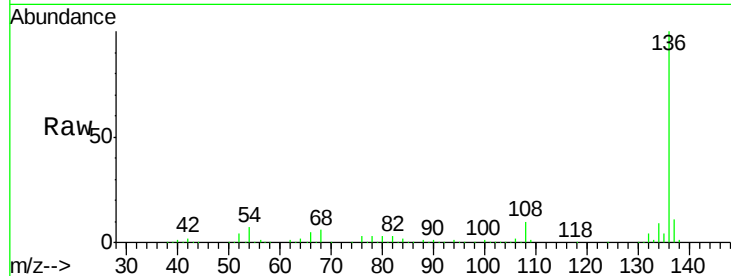
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Instrument :
BNA_F
ClientSampleId :
S-1

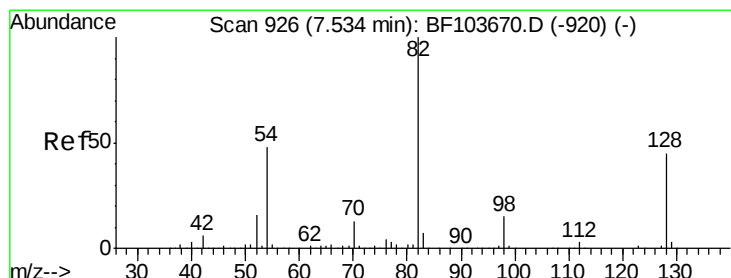
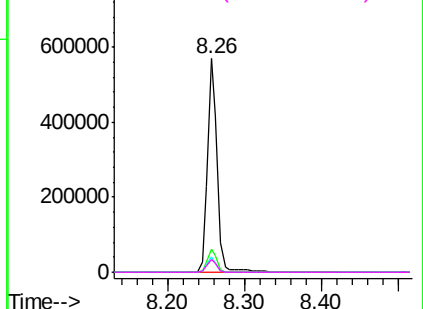
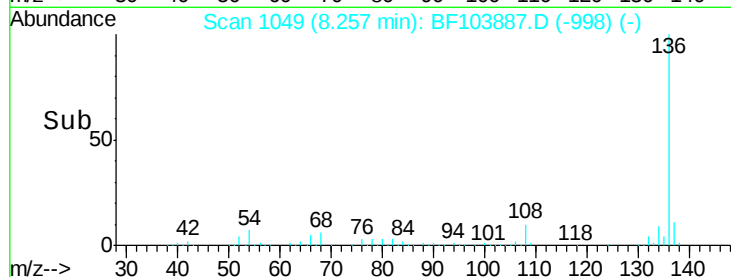
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		493498		
137	11.1		8.9	13.3	
54	7.0		6.6	9.8	
68	6.3		5.0	7.4	

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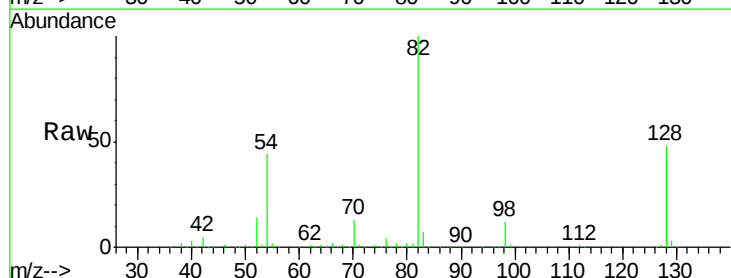


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

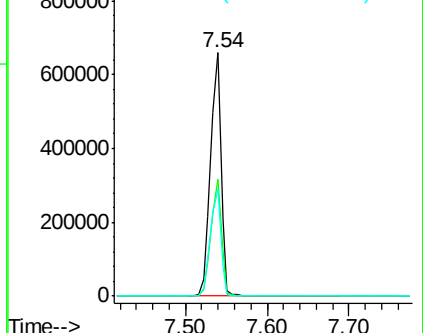
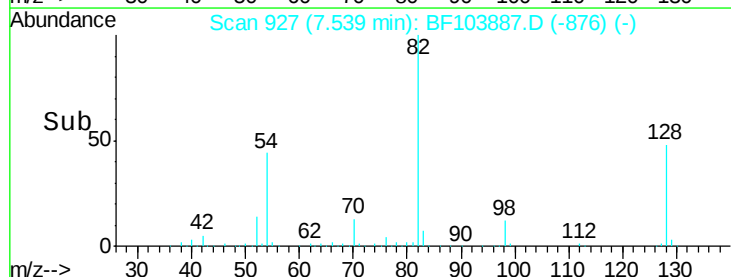


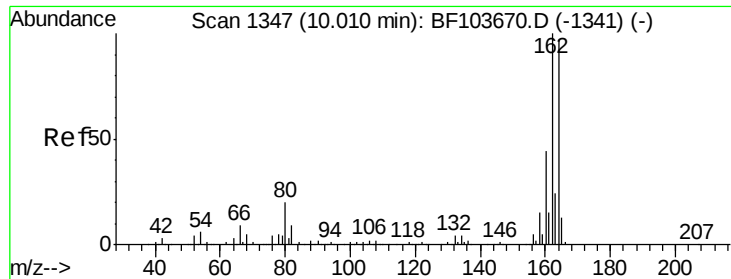
#23
Nitrobenzene-d5
Concen: 84.105 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		595185		
128	48.2		36.1	54.1	
54	43.6		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





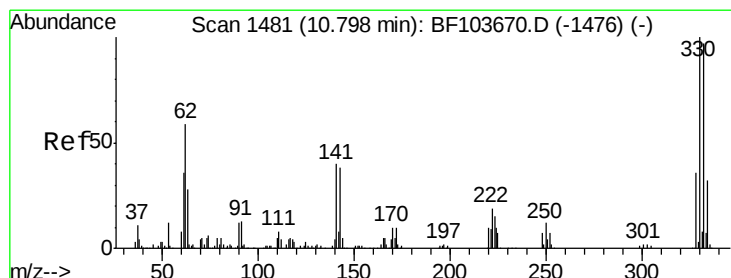
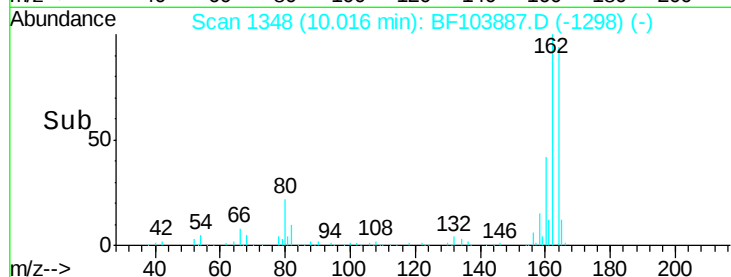
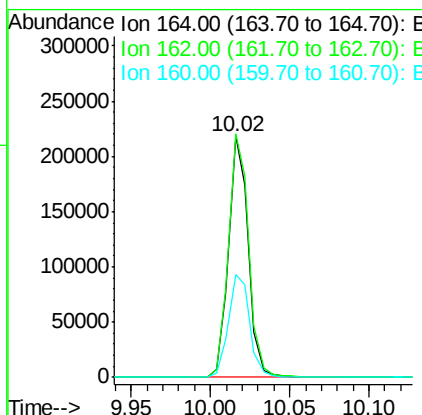
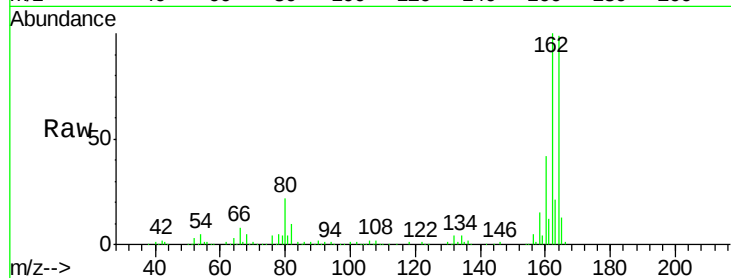
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Instrument :
BNA_F
ClientSampled :
S-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.1	86.1	129.1	
160	42.6	38.3	57.5	

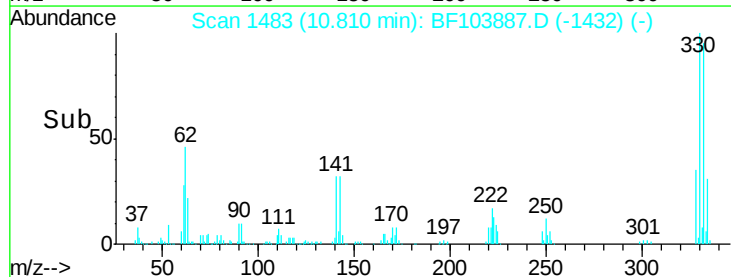
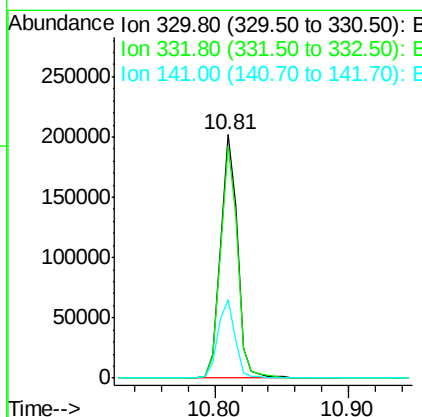
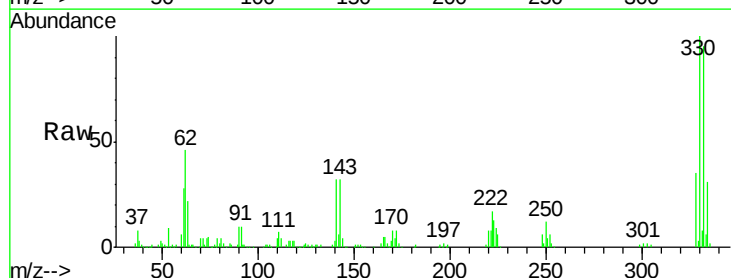
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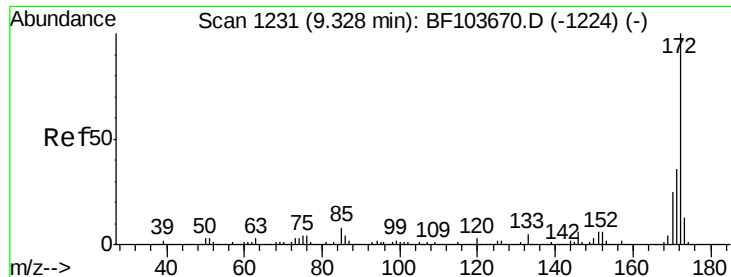
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#41
2,4,6-Tribromophenol
Concen: 112.888 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	77.0	115.6	
141	33.2	29.9	44.9	





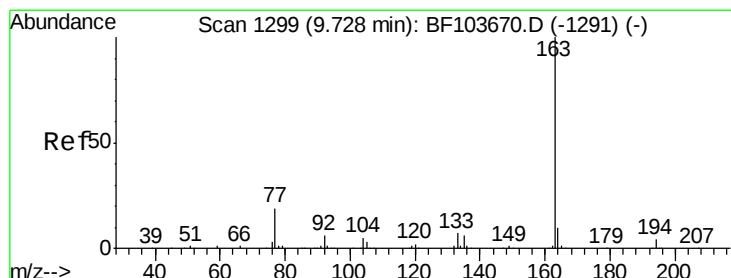
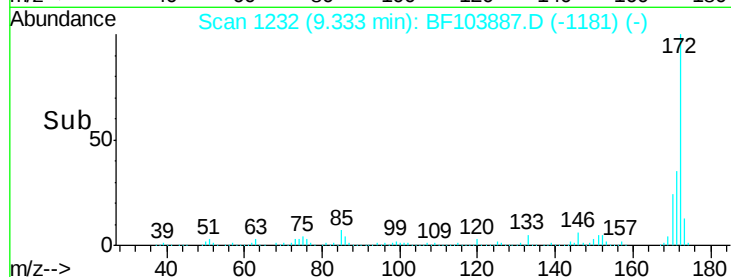
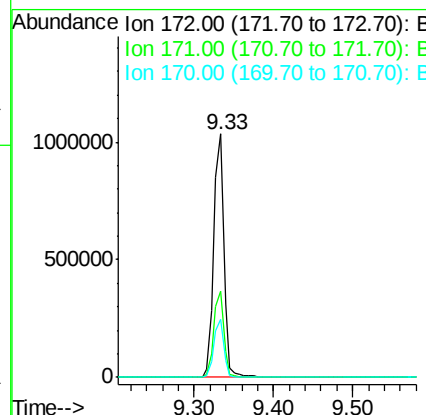
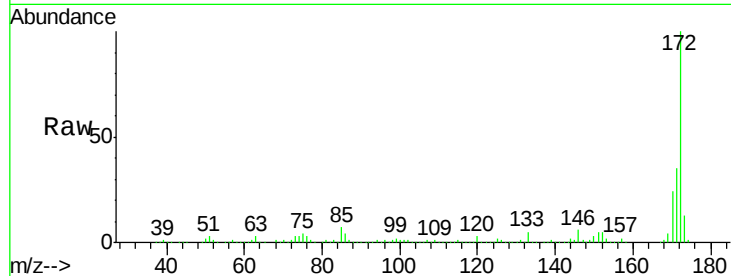
#44
2-Fluorobiphenyl
Concen: 79.059 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Instrument :
BNA_F
ClientSampled :
S-1

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.5	29.7	44.5	
170	23.7	19.6	29.4	

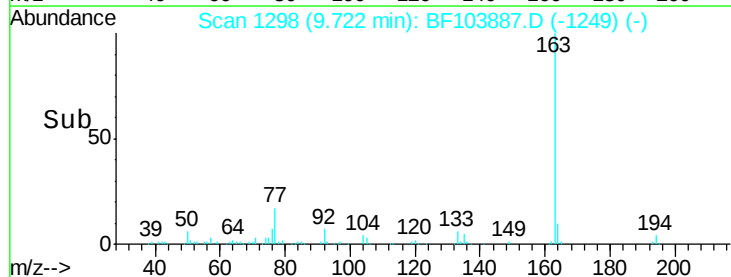
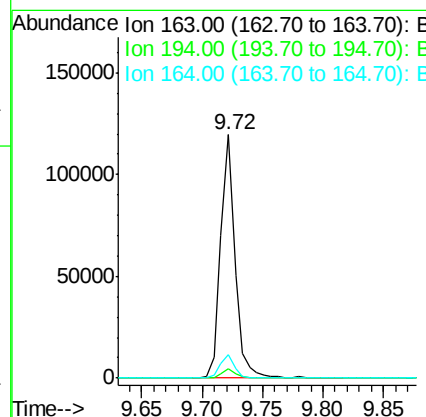
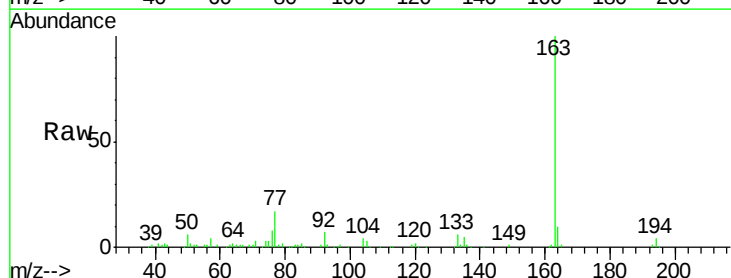
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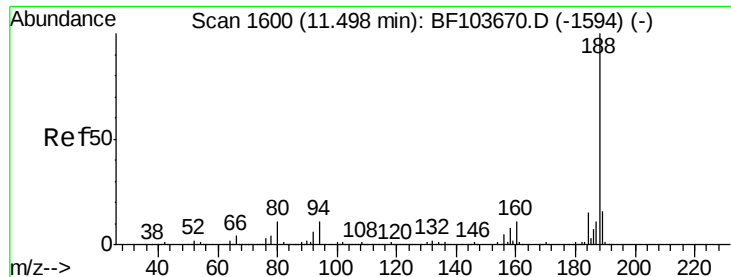
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#49
Dimethylphthalate
Concen: 6.835 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.7	2.7	4.1	
164	9.8	8.2	12.2	





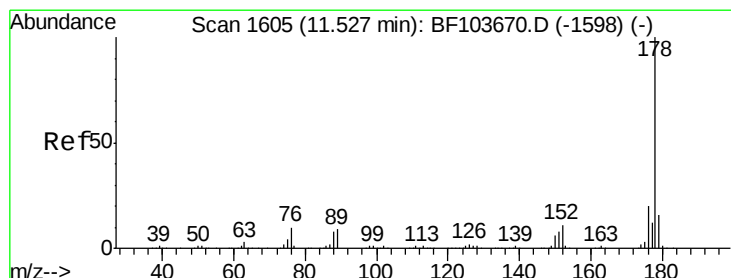
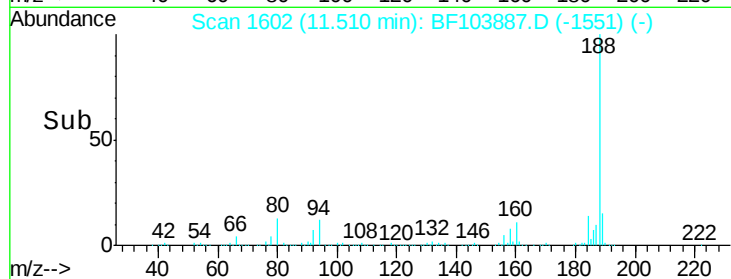
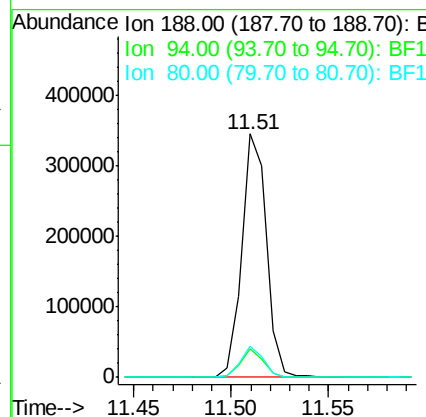
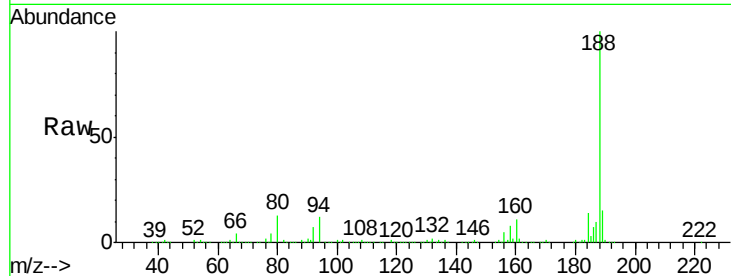
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
188	100	302447		
94	11.7		8.5	12.7
80	12.7		9.2	13.8

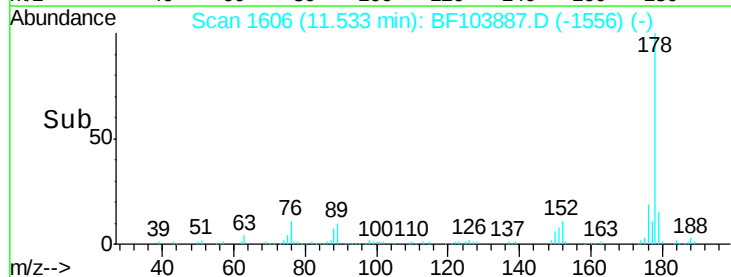
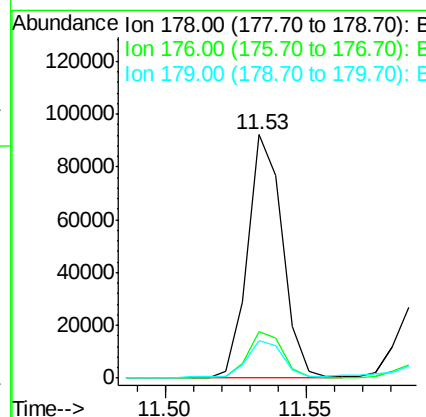
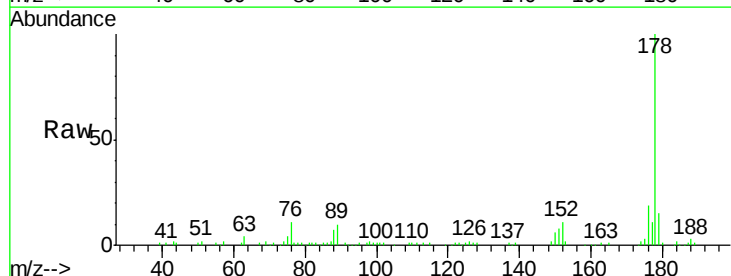
Manual Integrations
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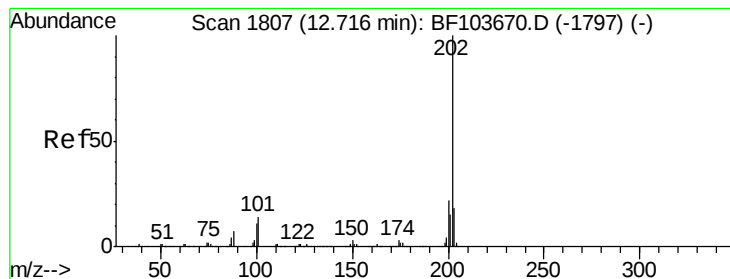
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#70
Phenanthrene
Concen: 4.784 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	79144		
176	19.1		15.8	23.8
179	15.3		13.0	19.6





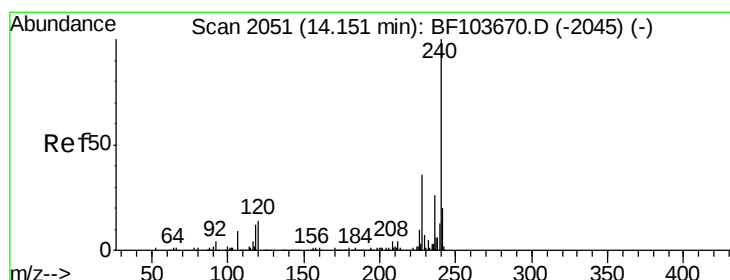
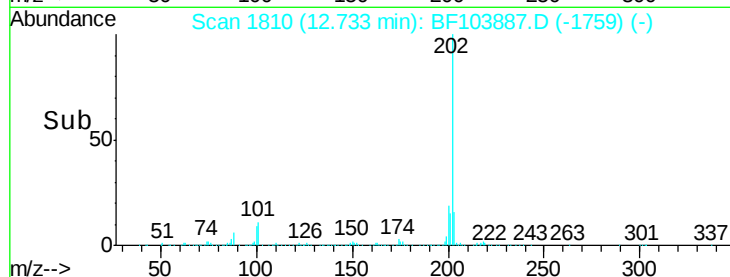
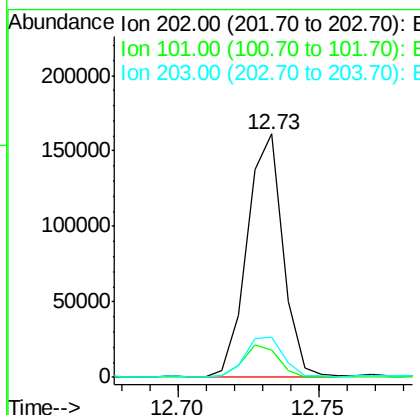
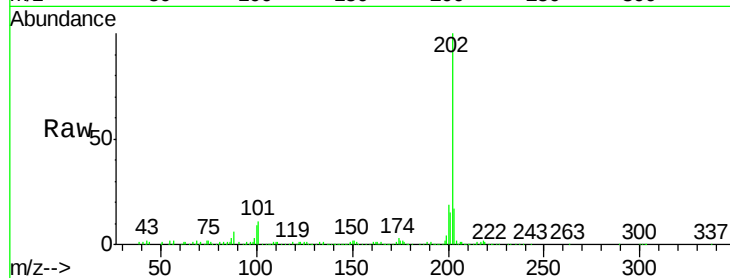
#74
 Fluoranthene
 Concen: 8.285 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: BF103887.D
 Acq: 23 Mar 2018 18:20

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.5	0.0	34.1
203	16.6	0.0	38.1

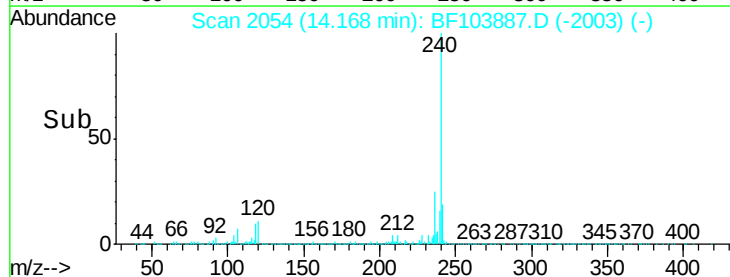
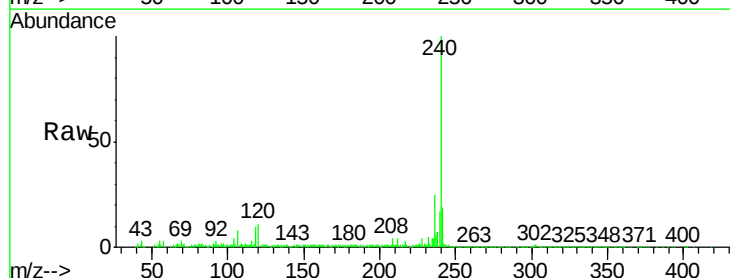
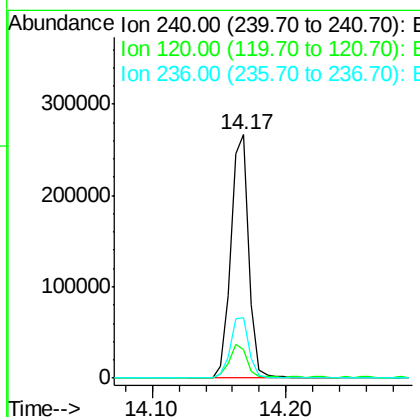
Manual Integrations
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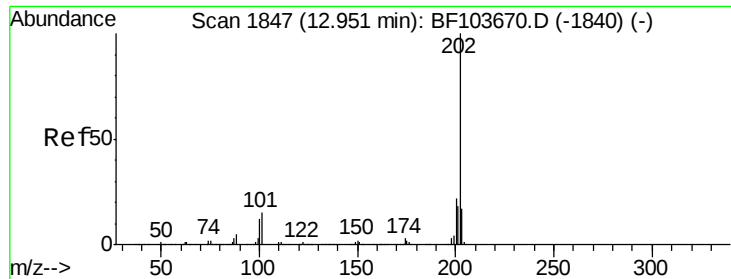
Sohil
 3/26/2018 4:33:15 PM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BF103887.D
 Acq: 23 Mar 2018 18:20

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.5	9.5	14.3
236	25.0	20.7	31.1





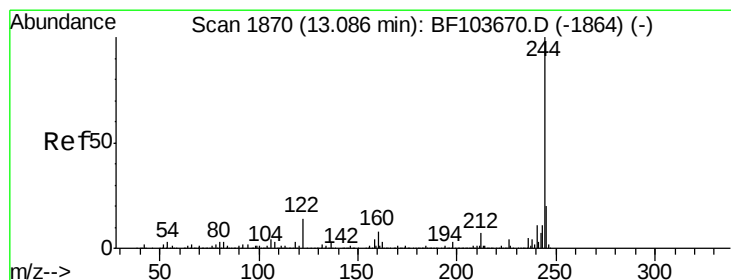
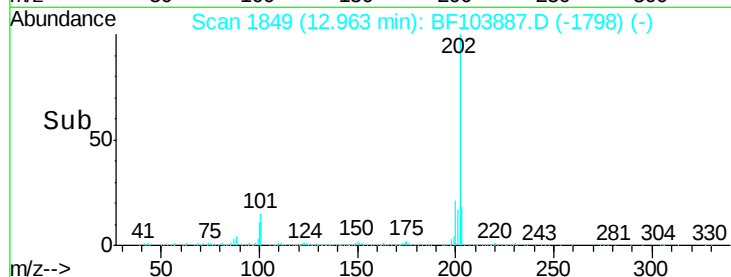
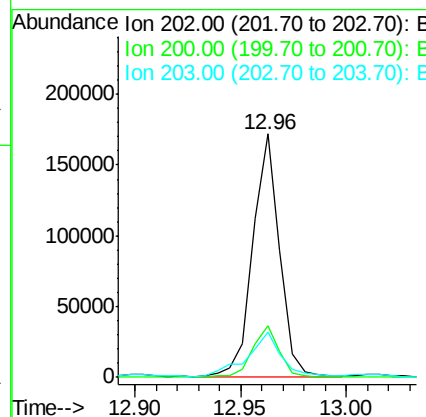
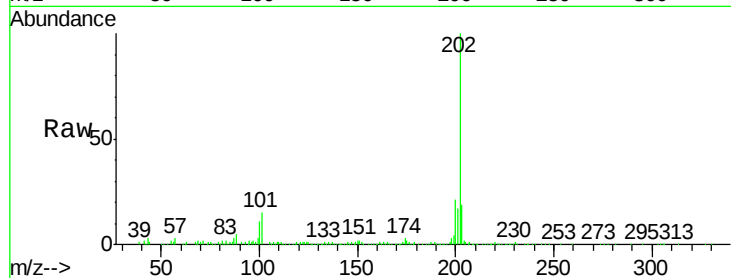
#77
Pvrene
Concen: 8.183 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Instrument :
BNA_F
ClientSampled :
S-1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	17.4	26.2
203	18.7	14.3	21.5

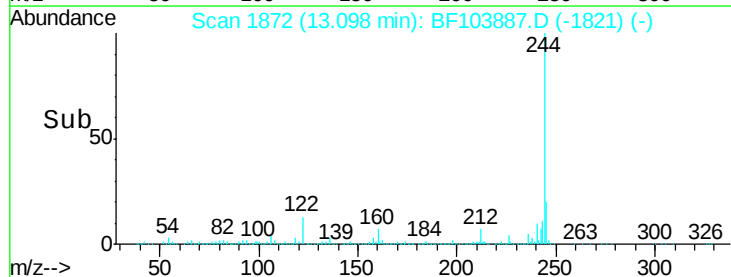
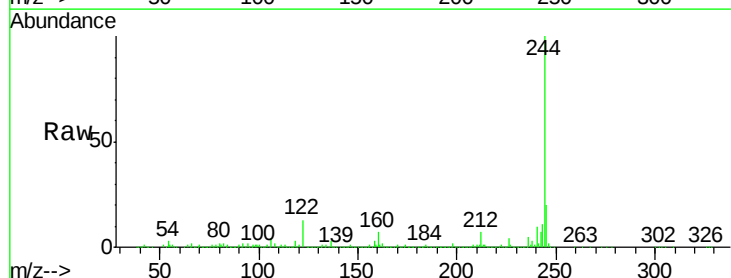
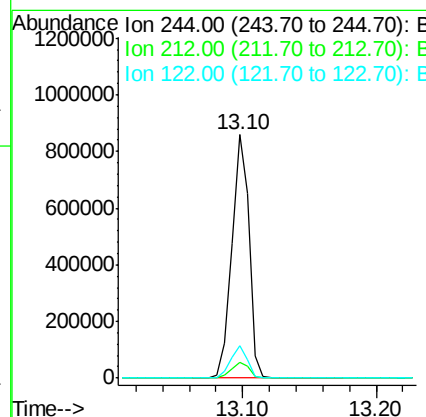
Manual Integrations
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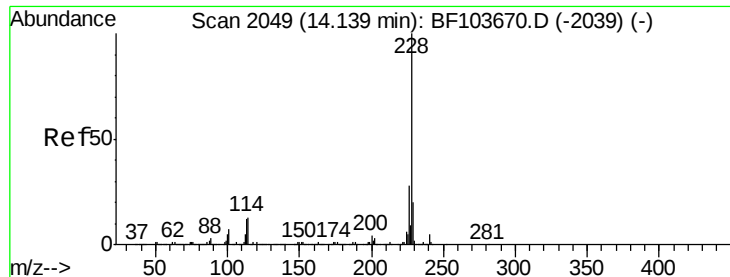
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#78
Terphenyl-d14
Concen: 72.333 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.2	11.0	16.4





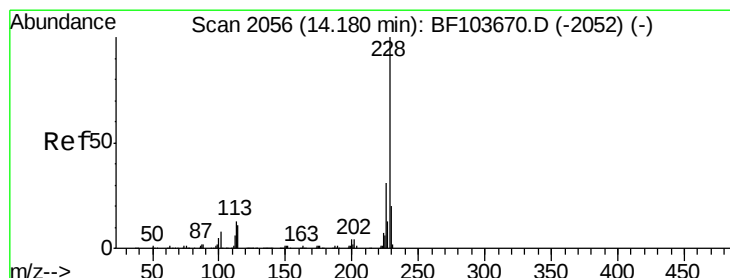
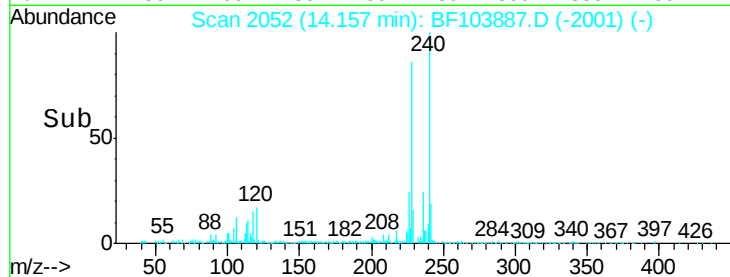
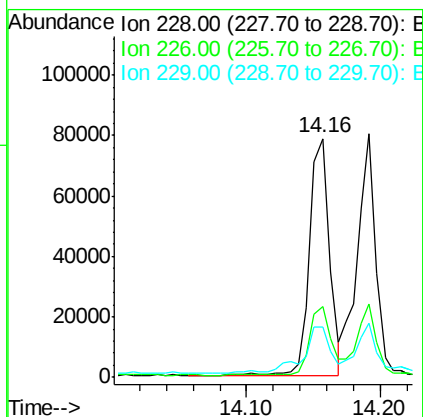
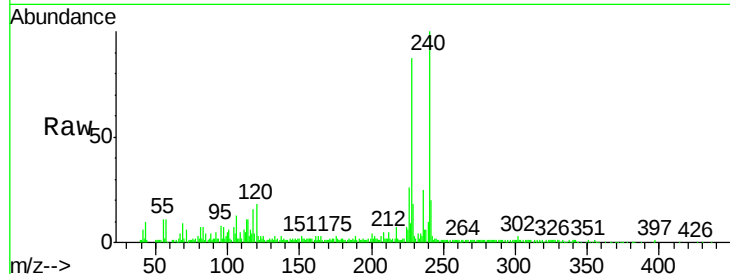
#80
Benzo(a)anthracene
Concen: 5.021 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Instrument :
BNA_F
ClientSampled :
S-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	20.9	15.8	23.6

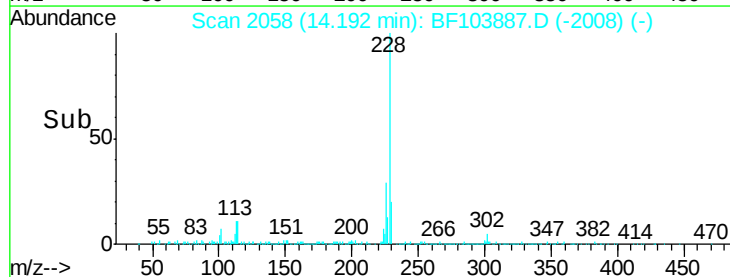
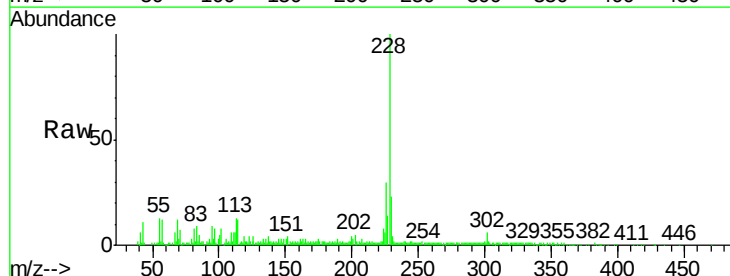
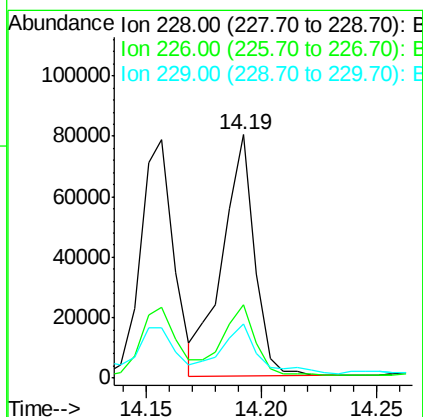
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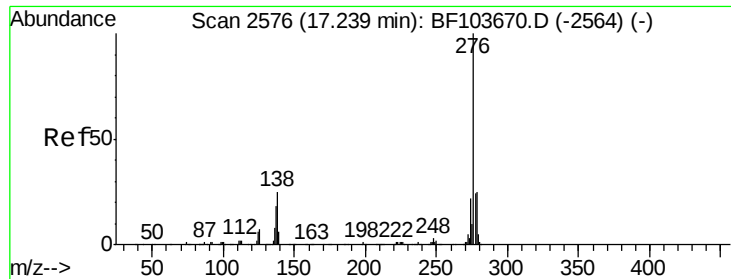
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#82
Chrysene
Concen: 5.131 ng
RT: 14.19 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	22.5	16.2	24.4





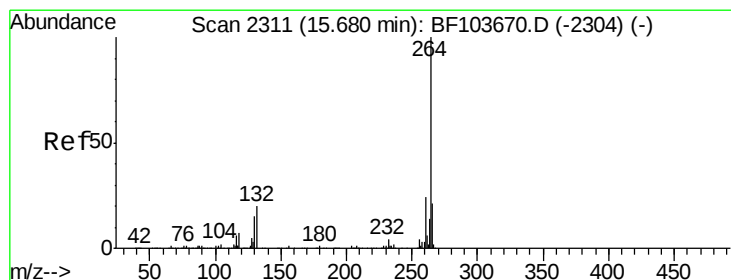
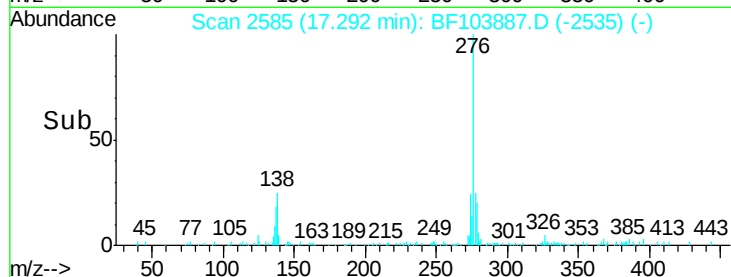
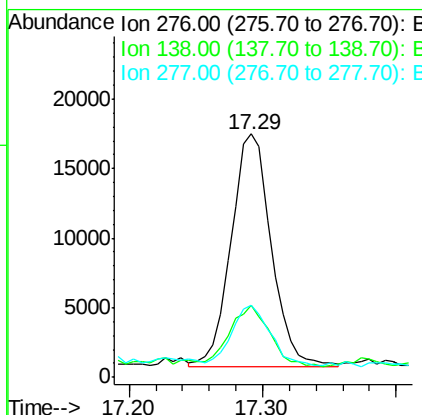
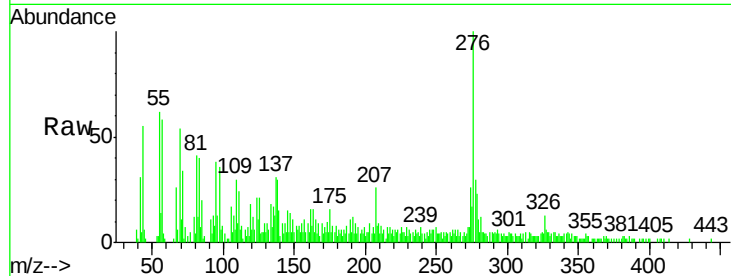
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.654 ng
 RT: 17.29 min Scan# 2585
 Delta R.T. -0.01 min
 Lab File: BF103887.D
 Acq: 23 Mar 2018 18:20

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Tot Ion:	276	Resp:	35041
Ion Ratio	Lower	Upper	
276	100		
138	25.4	25.0	37.6
277	23.8	20.1	30.1

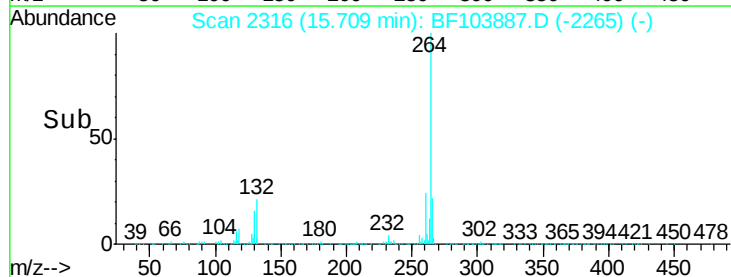
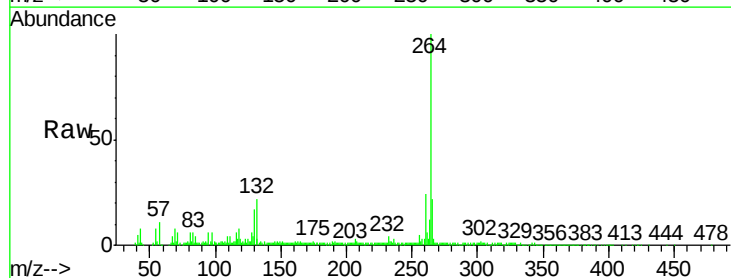
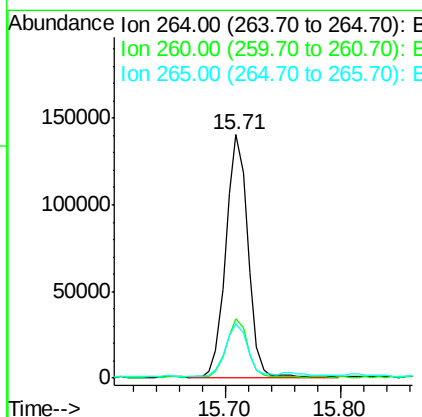
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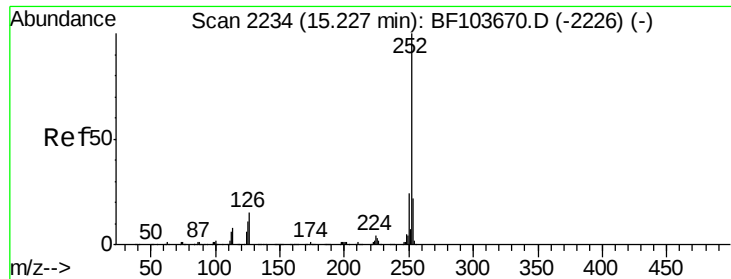
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2316
 Delta R.T. -0.00 min
 Lab File: BF103887.D
 Acq: 23 Mar 2018 18:20

Tgt Ion:	264	Resp:	184187
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.2	28.8
265	22.3	17.5	26.3





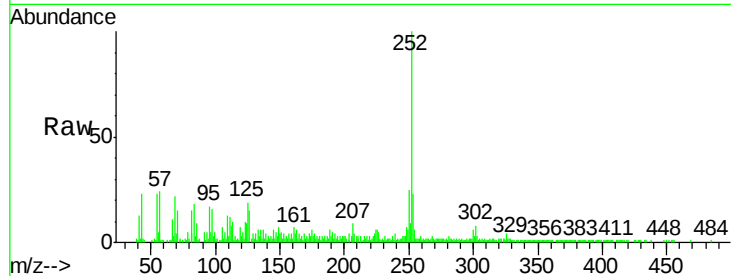
#87
Benzo(b)fluoranthene
Concen: 6.776 ng m
RT: 15.25 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Instrument :
BNA_F
ClientSampleId :
S-1

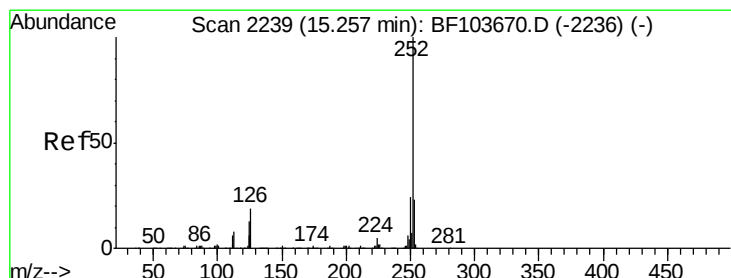
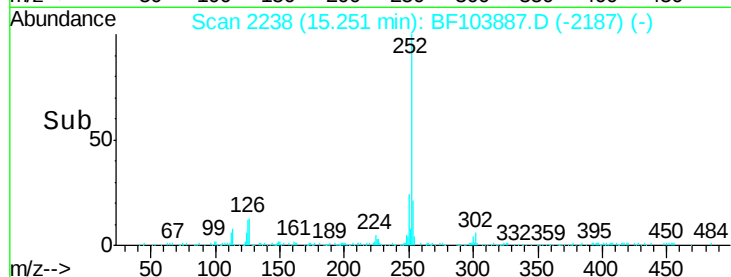
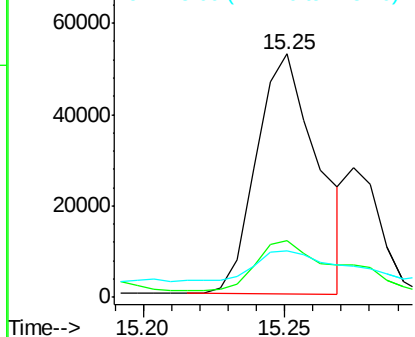
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	18.9	9.0	13.6

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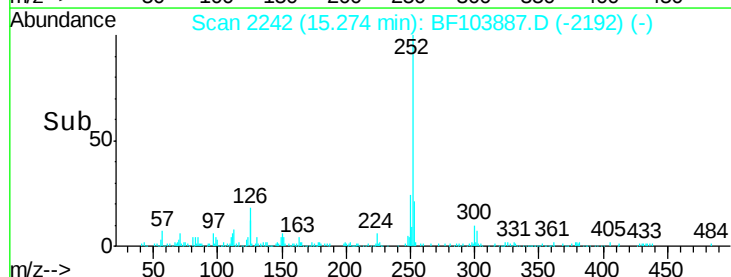
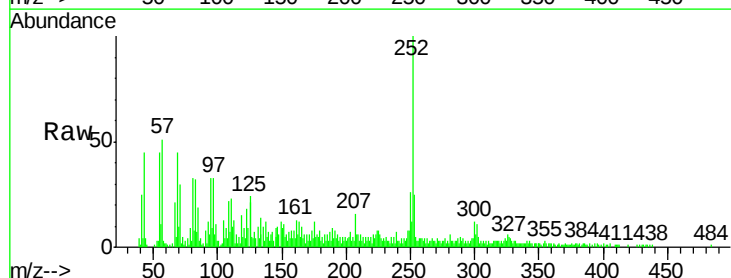
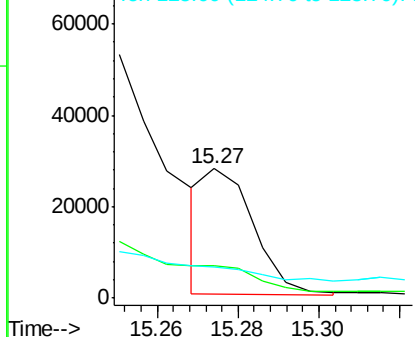
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

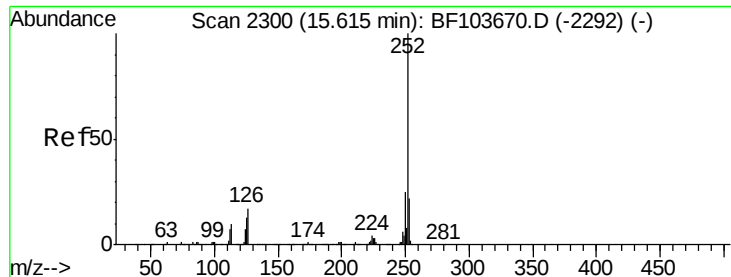


#88
Benzo(k)fluoranthene
Concen: 2.087 ng m
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.9	26.9
125	24.2	10.2	15.2

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





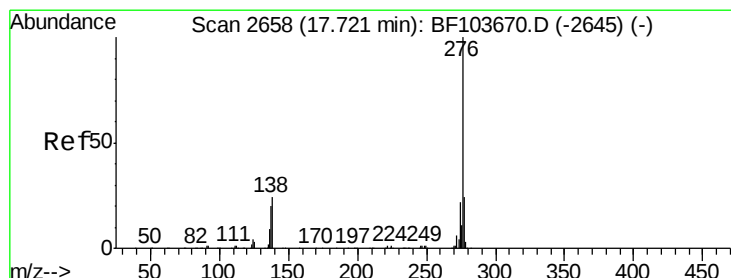
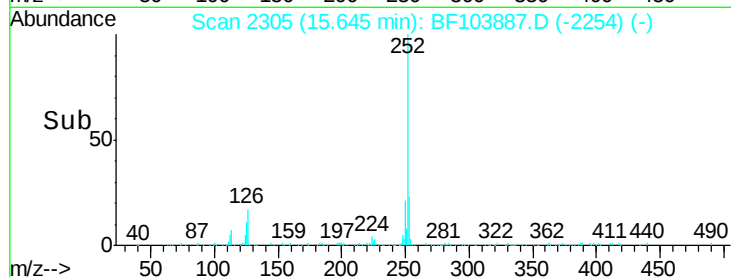
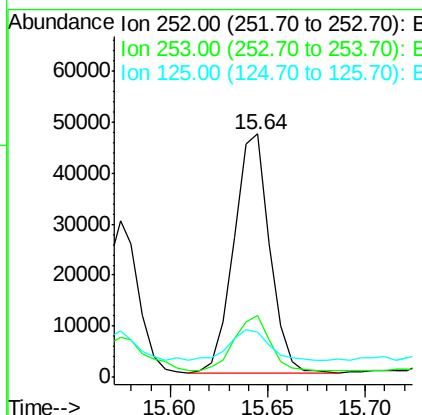
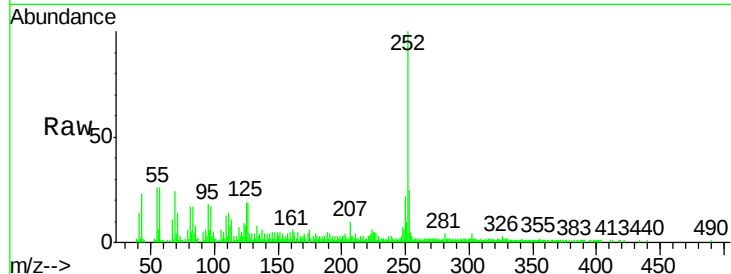
#89
Benzo(a)pyrene
Concen: 5.645 ng
RT: 15.64 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Instrument :
BNA_F
ClientSampleId :
S-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.1	25.7
125	18.8	9.8	14.6

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#91
Benzo(g,h,i)perylene
Concen: 3.917 ng
RT: 17.77 min Scan# 2667
Delta R.T. -0.01 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.7	17.9	26.9
138	29.2	21.8	32.8

