

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104235.D
 Acq On : 4 Apr 2018 19:42
 Operator : JU/SJ
 Sample : J2151-03 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-040318-B

Manual Integrations
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 4/5/2018 4:38:58 PM

Quant Time: Apr 05 09:14:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	115696	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	491746	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	223274	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	350160	20.00	ng	0.00
75) Chrysene-d12	14.14	240	244207	20.00	ng	0.00
86) Perylene-d12	15.68	264	220815	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	363477m	50.10	ng	0.00
7) Phenol-d6	6.60	99	436661	48.92	ng	0.00
23) Nitrobenzene-d5	7.52	82	260936m	32.45	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	97852	39.36	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	532413	37.60	ng	0.00
78) Terphenyl-d14	13.07	244	362411	34.27	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.13	79	17985	3.099	ng	Qvalue # 89
49) Dimethylphthalate	9.70	163	47848	2.714	ng	98
70) Phenanthrene	11.51	178	73170	3.860	ng	99
74) Fluoranthene	12.71	202	87307	4.333	ng	98
77) Pyrene	12.94	202	71423	4.069	ng	99
80) Benzo(a)anthracene	14.13	228	32077	2.099	ng	# 94
82) Chrysene	14.17	228	32184	2.150	ng	# 92
87) Benzo(b)fluoranthene	15.22	252	29488m	2.194	ng	

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

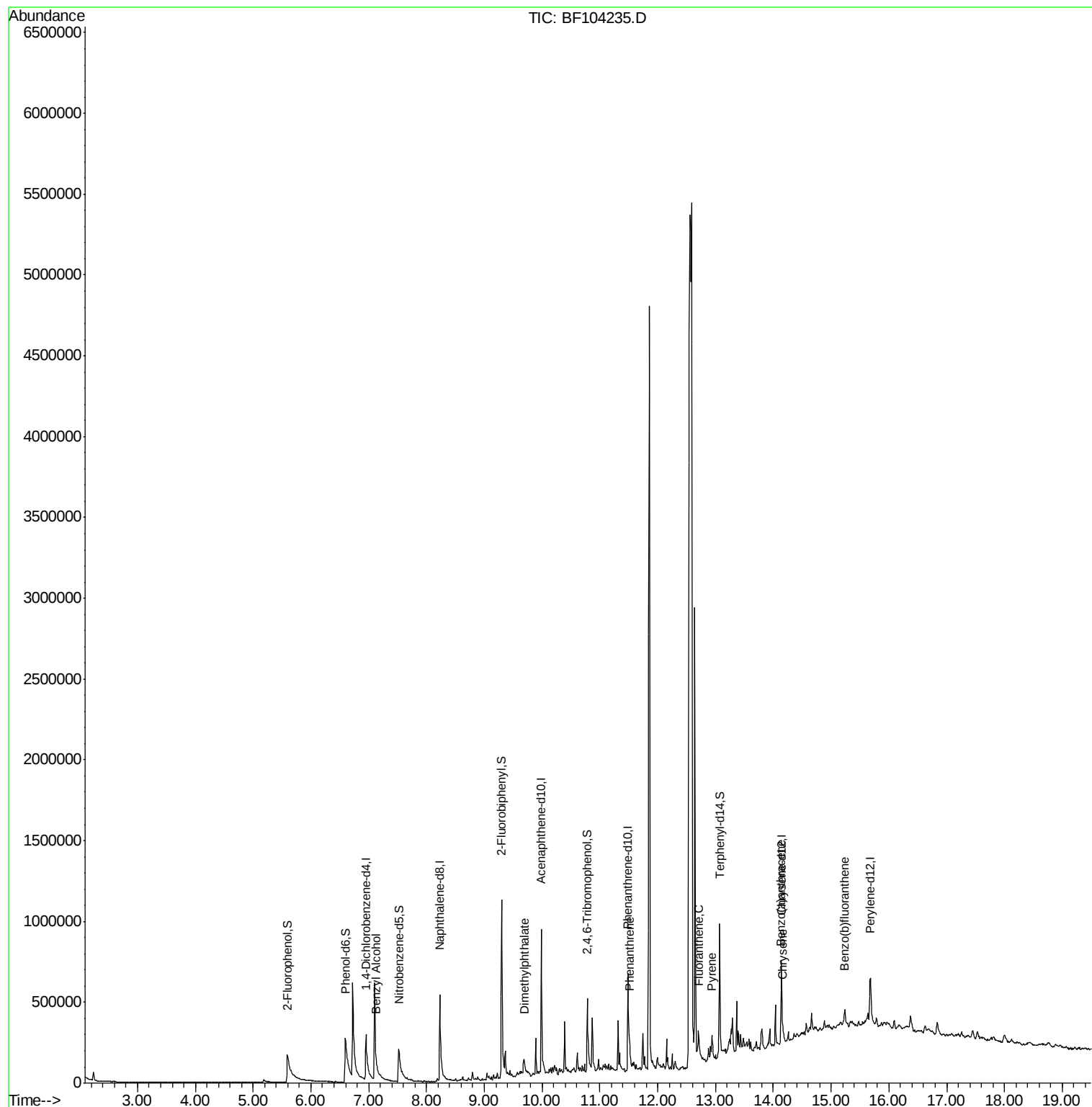
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

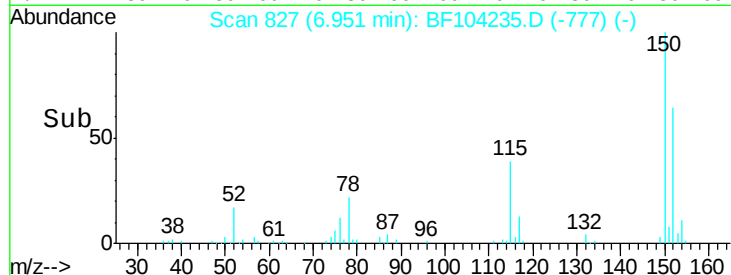
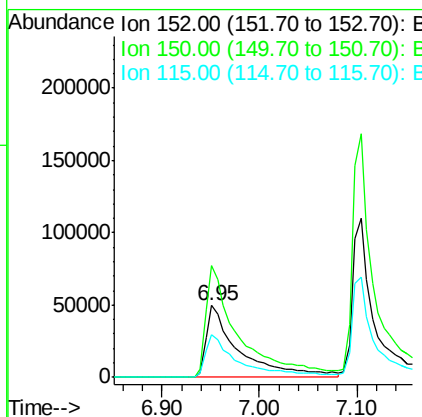
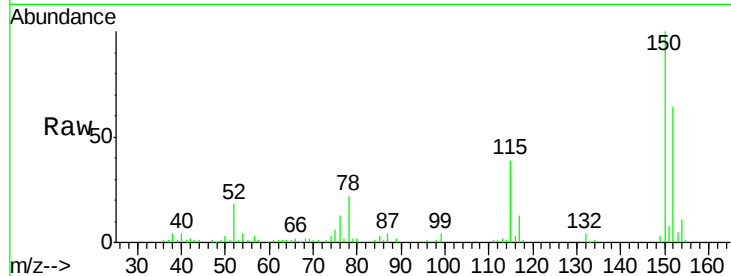
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104235.D
Acq: 4 Apr 2018 19:42

Instrument :
BNA_F
ClientSampleId :
AU-06-040318-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	60.1	50.1	75.1

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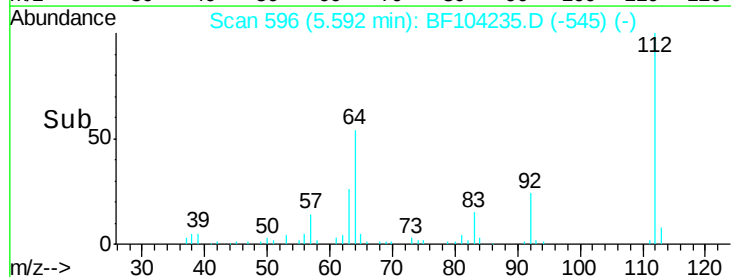
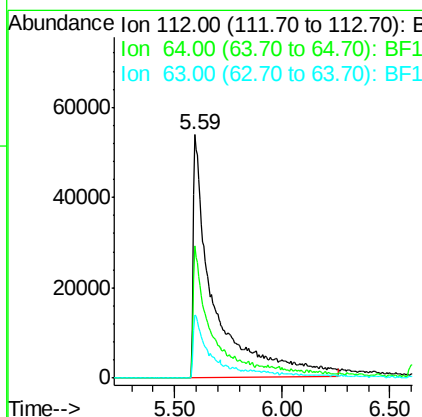
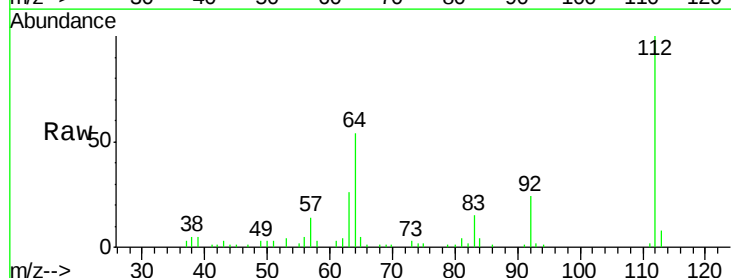
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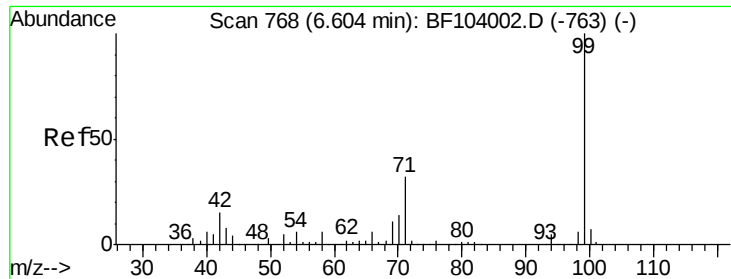


#5

2-Fluorophenol
Concen: 50.101 ng m
RT: 5.59 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF104235.D
Acq: 4 Apr 2018 19:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	47.9	71.9
63	26.0	23.7	35.5





#7

Phenol-d6

Concen: 48.922 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104235.D

Acq: 4 Apr 2018 19:42

Instrument :

BNA_F

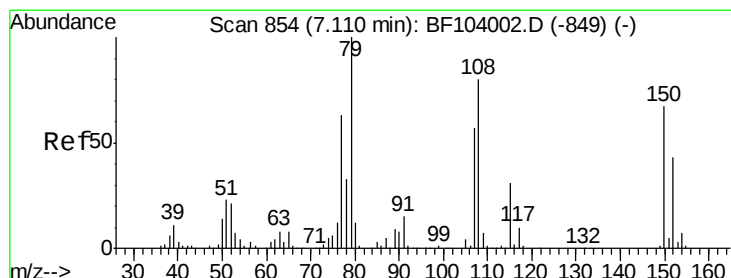
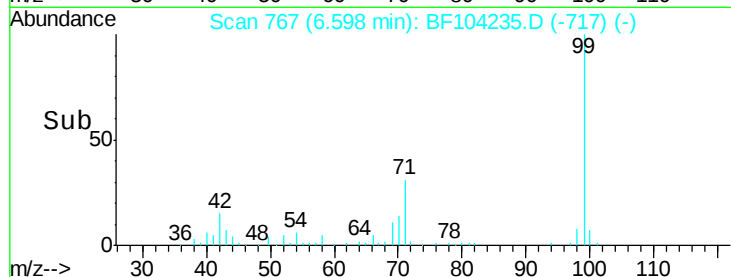
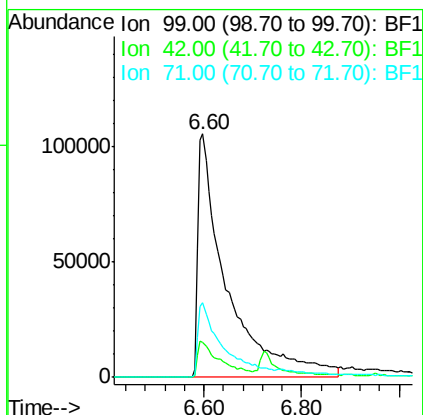
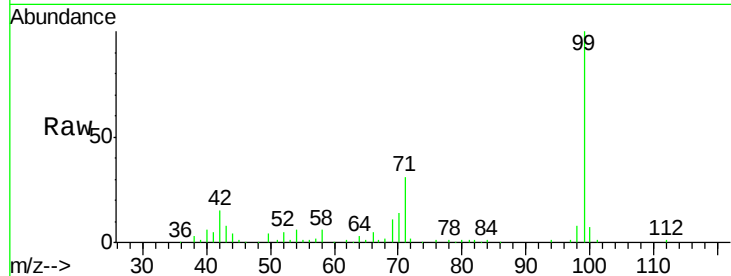
ClientSampleId :

AU-06-040318-B

Tot Ion:	99	Resp:	436661
Ion Ratio	Lower	Upper	
99	100		
42	14.5	14.5	21.7
71	30.8	25.4	38.0

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#15

Benzyl Alcohol

Concen: 3.099 ng

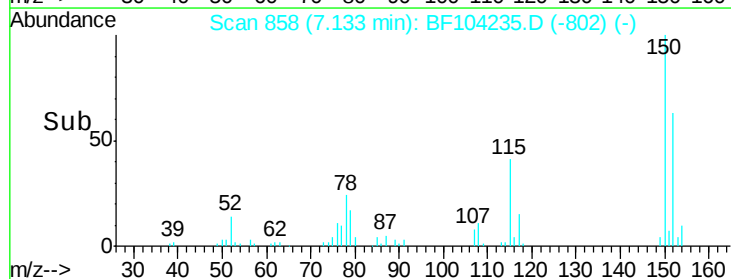
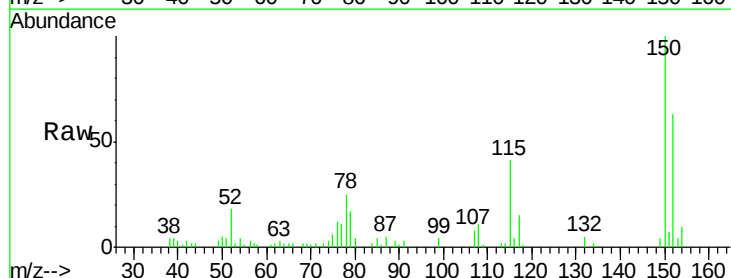
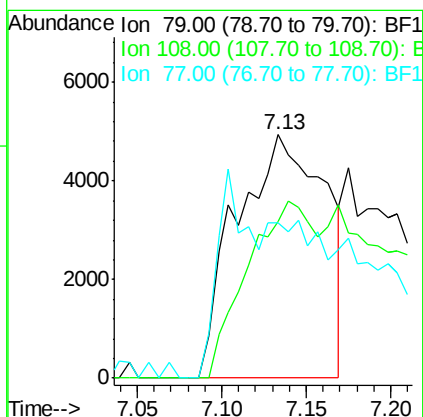
RT: 7.13 min Scan# 858

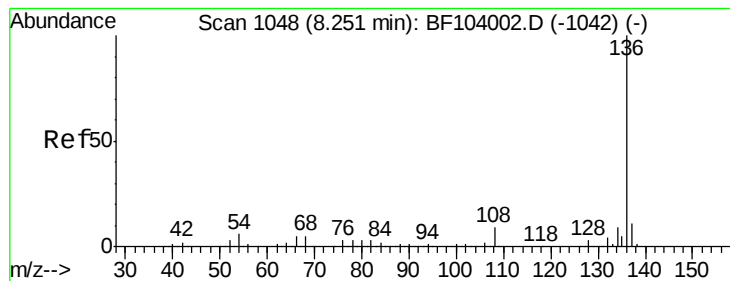
Delta R.T. 0.03 min

Lab File: BF104235.D

Acq: 4 Apr 2018 19:42

Tgt Ion:	79	Resp:	17985
Ion Ratio	Lower	Upper	
79	100		
108	64.2	65.1	97.7#
77	63.8	50.6	75.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF104235.D

Acq: 4 Apr 2018 19:42

Instrument :

BNA_F

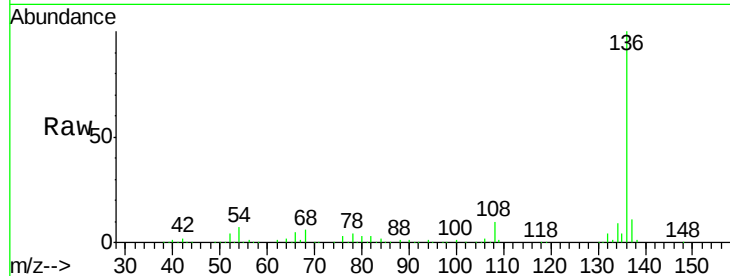
ClientSampleId :

AU-06-040318-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		491746		
137	10.9	8.9	13.3		
54	7.1	6.6	9.8		
68	6.4	5.0	7.4		

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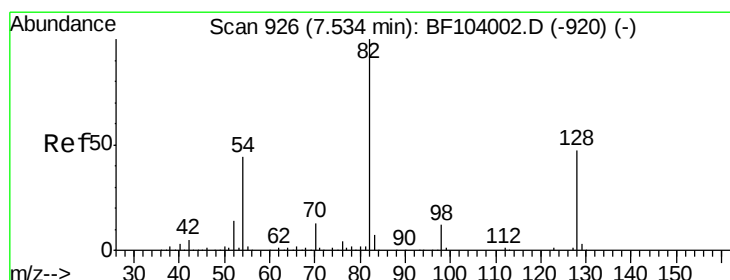
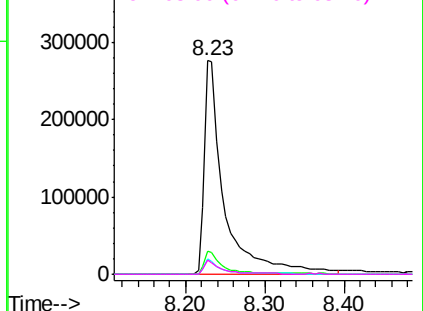
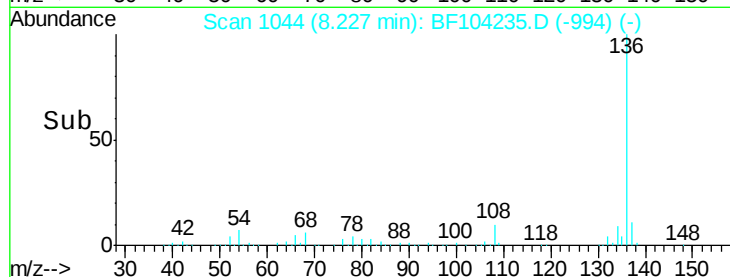


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.451 ng m

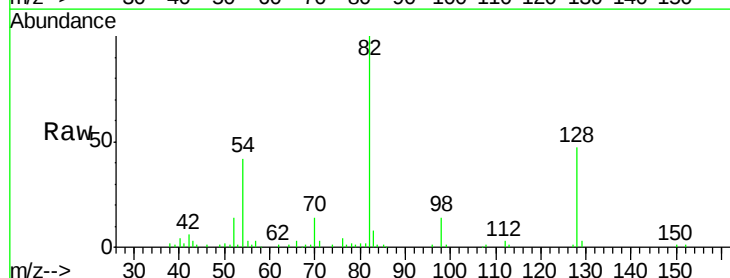
RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF104235.D

Acq: 4 Apr 2018 19:42

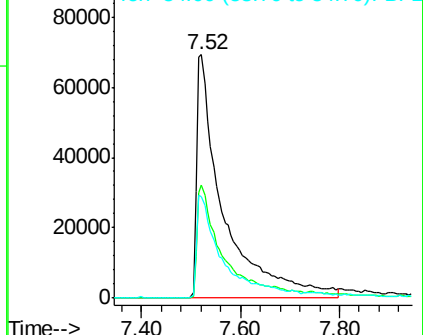
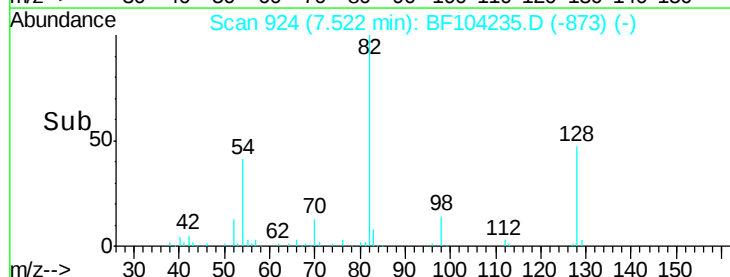
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		260936		
128	46.6	36.1	54.1		
54	41.8	41.4	62.2		

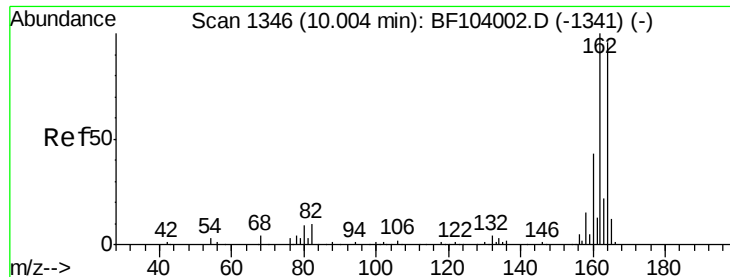


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





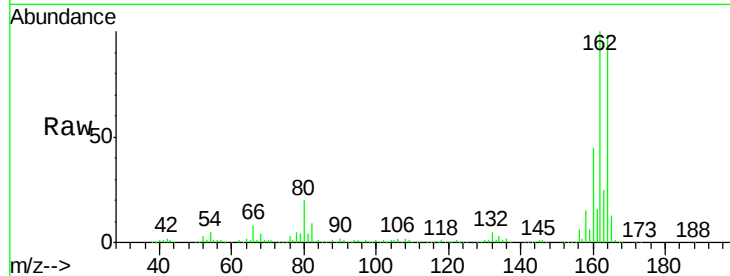
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF104235.D
 Acq: 4 Apr 2018 19:42

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-040318-B

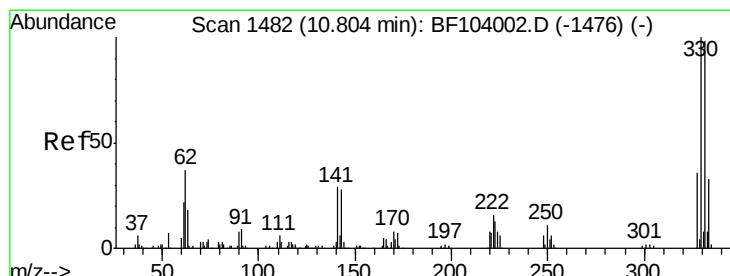
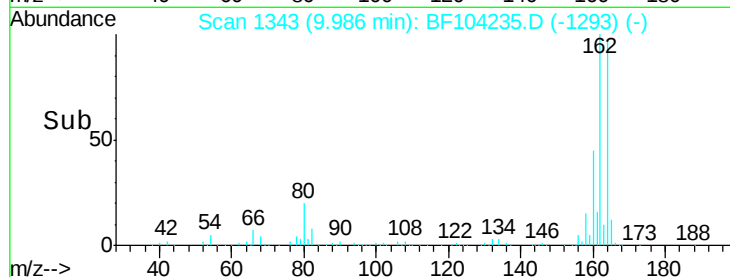
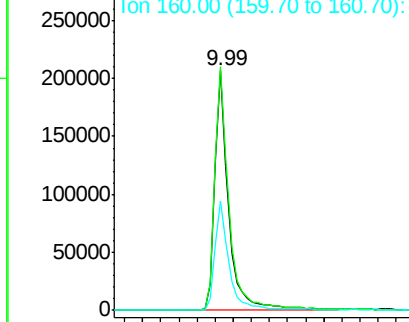
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	45.8	38.3	57.5

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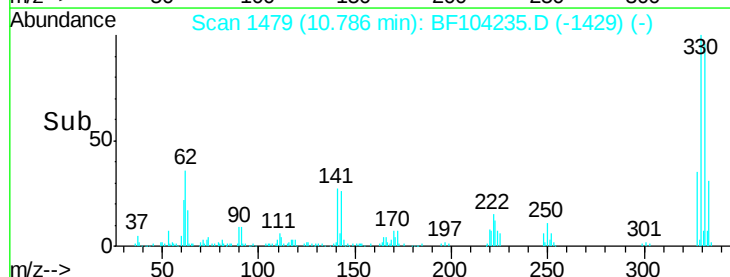
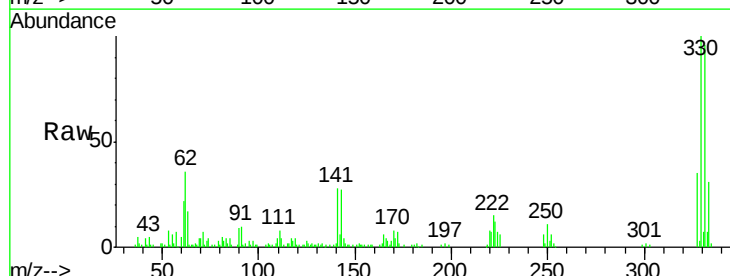
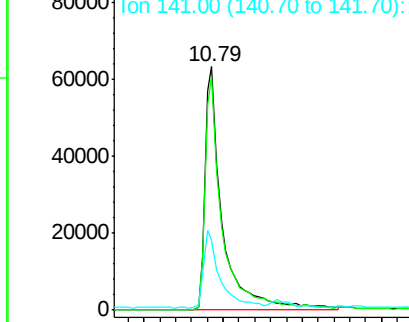
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

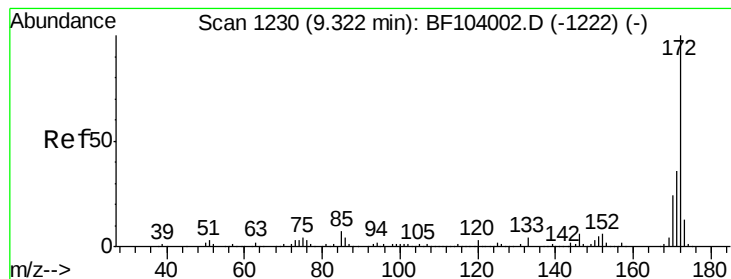


#41
 2,4,6-Tribromophenol
 Concen: 39.359 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104235.D
 Acq: 4 Apr 2018 19:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	29.5	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





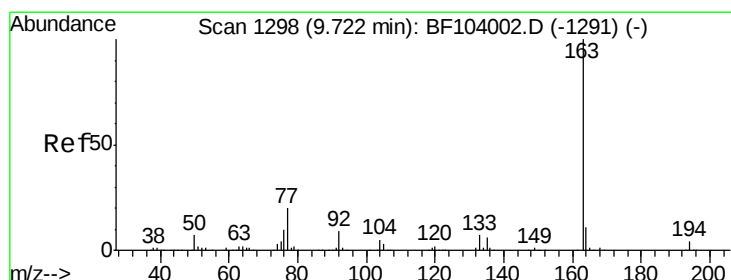
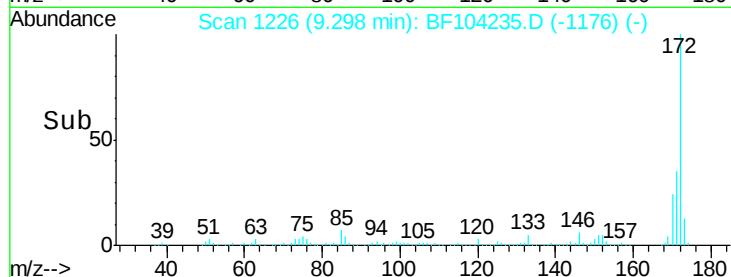
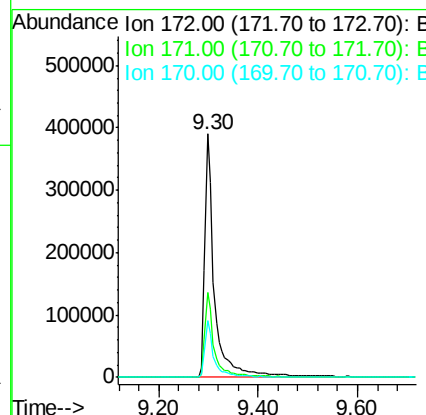
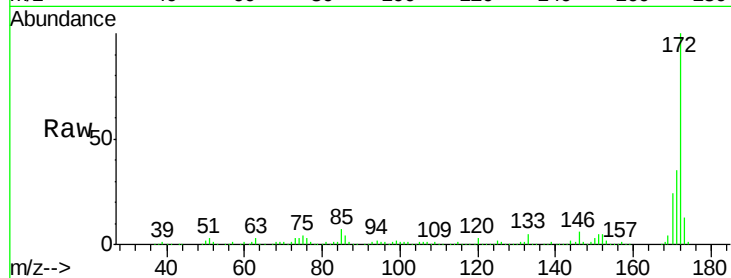
#44
2-Fluorobiphenyl
Concen: 37.603 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF104235.D
Acq: 4 Apr 2018 19:42

Instrument :
BNA_F
ClientSampleId :
AU-06-040318-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	23.5	19.6	29.4

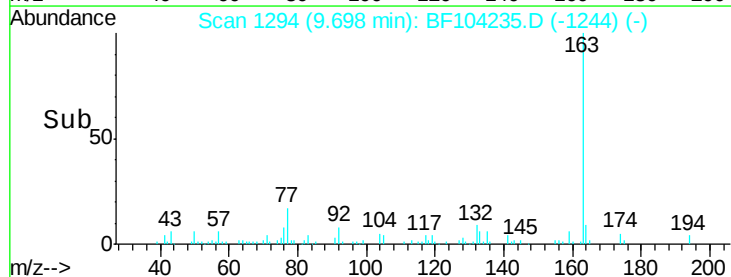
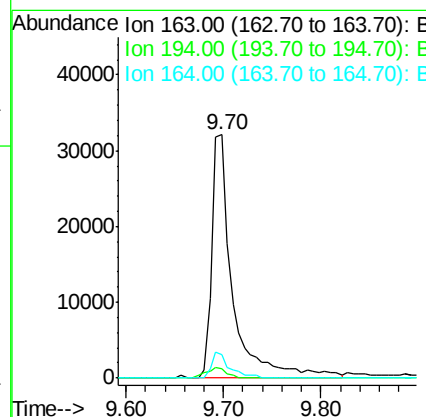
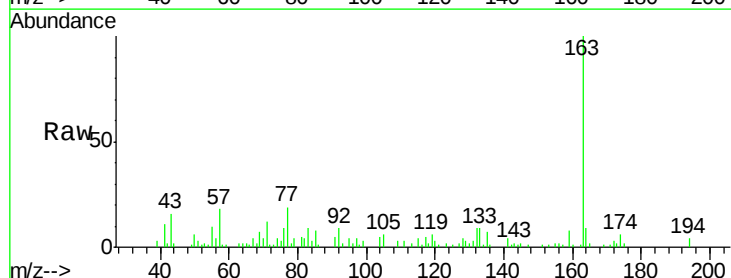
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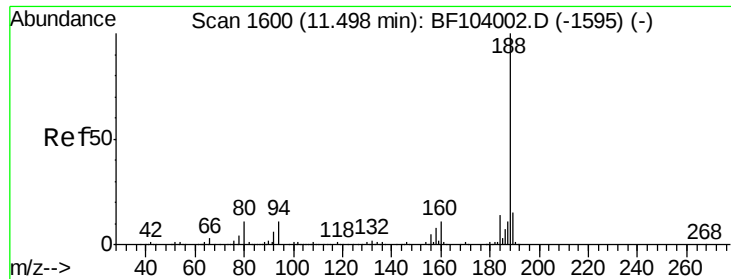
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#49
Dimethylphthalate
Concen: 2.714 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF104235.D
Acq: 4 Apr 2018 19:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1
164	9.5	8.2	12.2





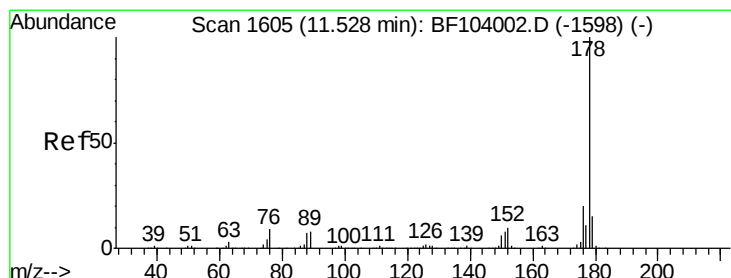
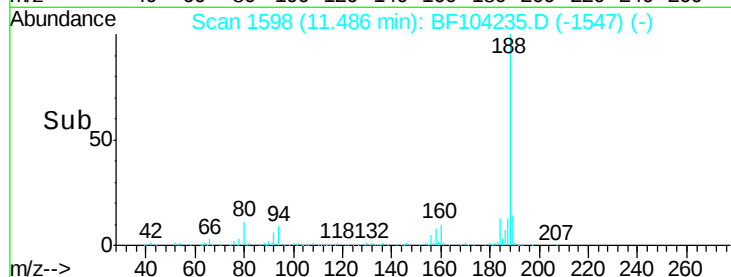
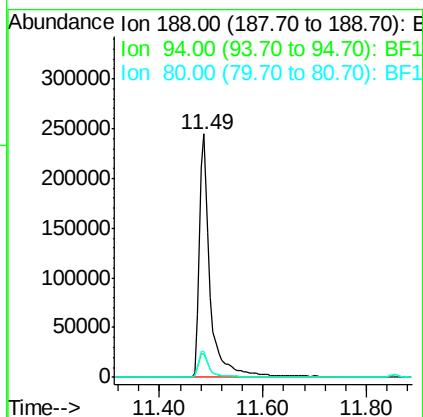
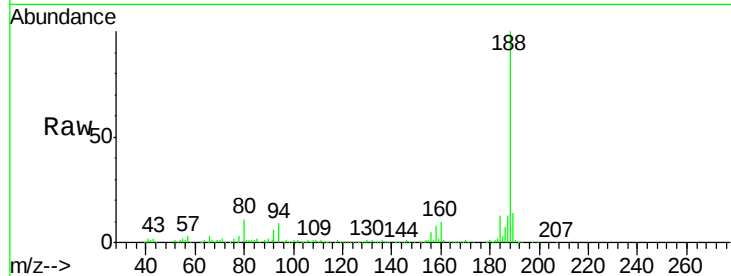
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF104235.D
Acq: 4 Apr 2018 19:42

Instrument :
BNA_F
ClientSampleId :
AU-06-040318-B

Tot Ion	Ratio	Resp	Lower	Upper
188	100	350160		
94	9.5		8.5	12.7
80	10.8		9.2	13.8

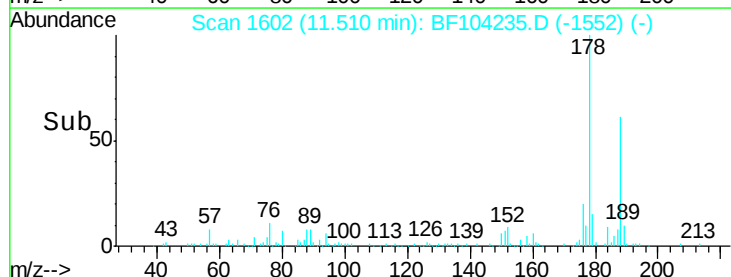
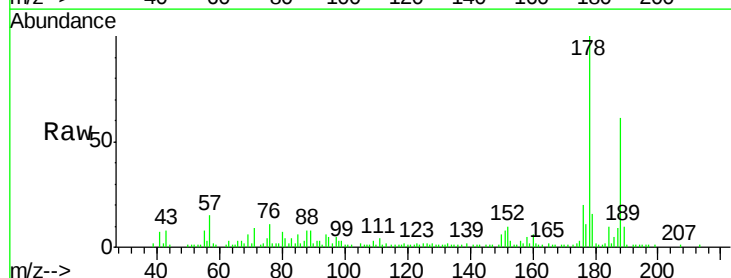
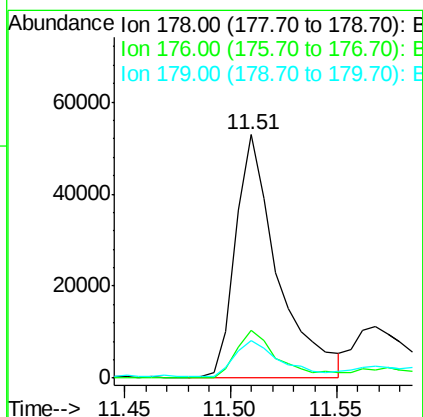
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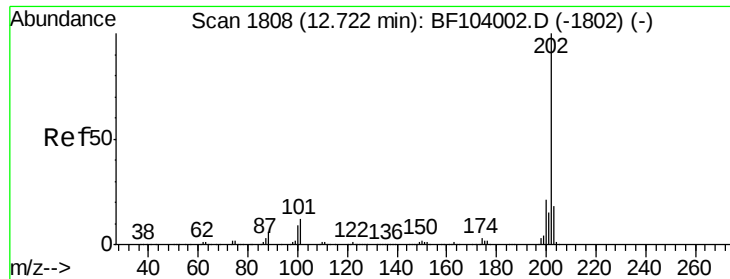
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#70
Phenanthrene
Concen: 3.860 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF104235.D
Acq: 4 Apr 2018 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	73170		
176	19.7		15.8	23.8
179	15.6		13.0	19.6





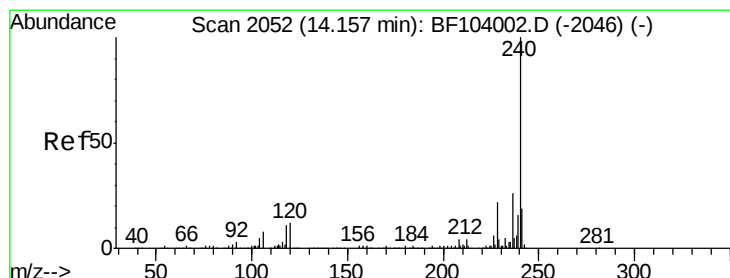
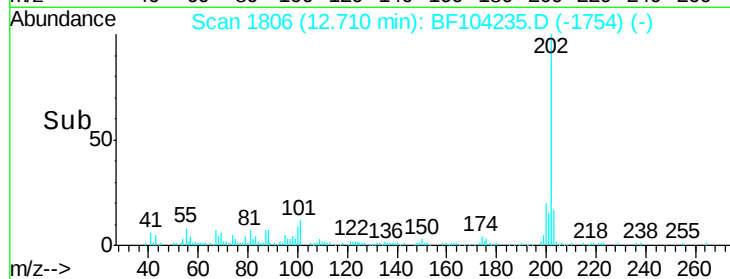
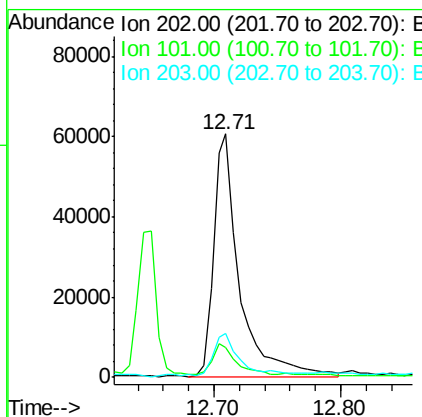
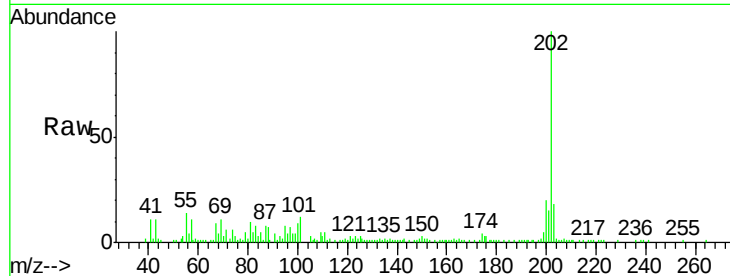
#74
 Fluoranthene
 Concen: 4.333 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: BF104235.D
 Acq: 4 Apr 2018 19:42

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-040318-B

Tot Ion:	202	Resp:	87307
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	34.1
203	17.9	0.0	38.1

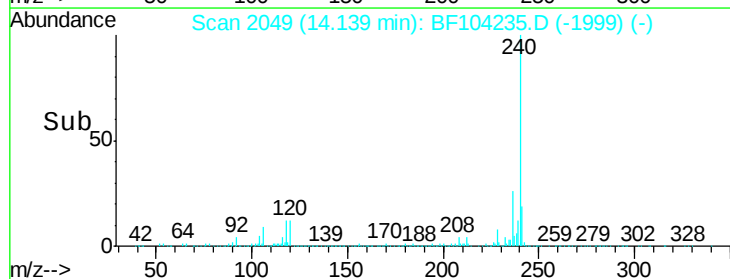
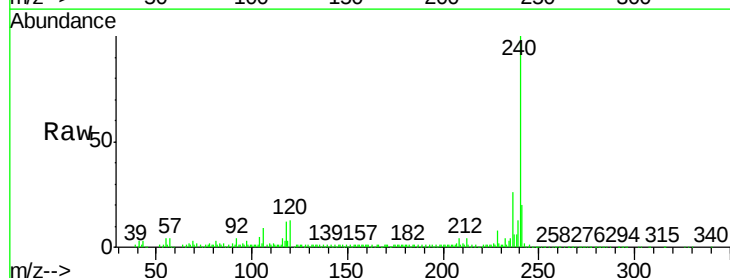
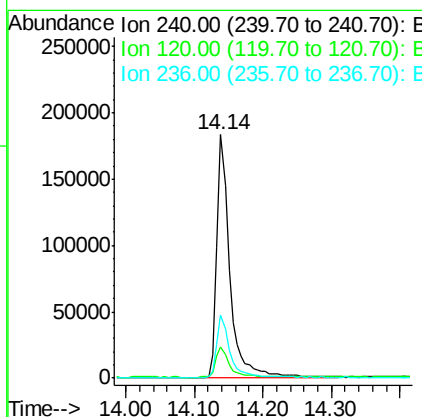
Manual Integrations
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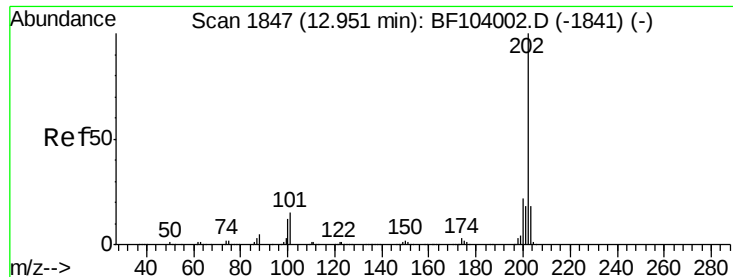
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BF104235.D
 Acq: 4 Apr 2018 19:42

Tgt Ion:	240	Resp:	244207
Ion Ratio	Lower	Upper	
240	100		
120	12.8	9.5	14.3
236	26.0	20.7	31.1





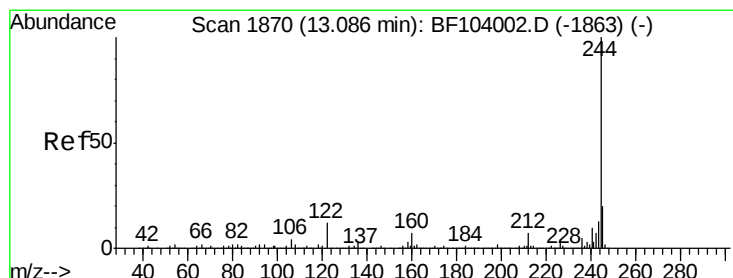
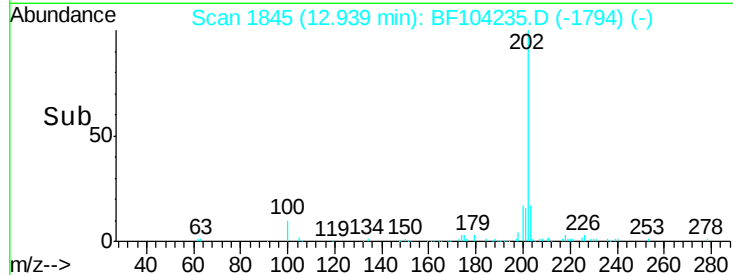
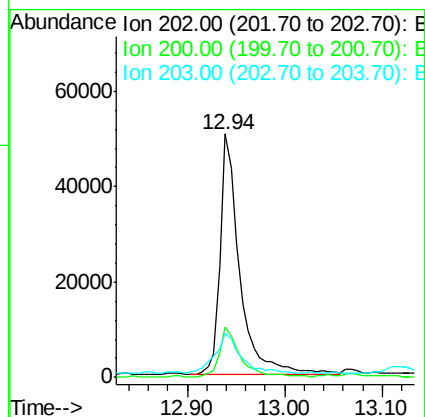
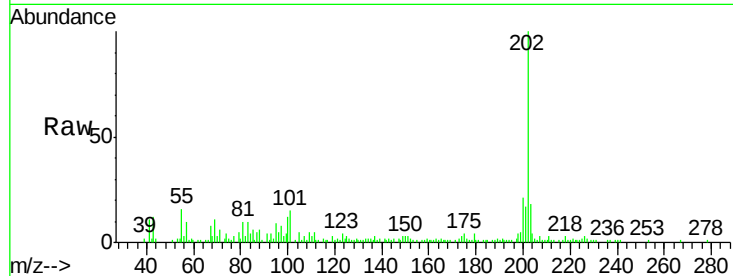
#77
Pvrene
Concen: 4.069 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BF104235.D
Acq: 4 Apr 2018 19:42

Instrument :
BNA_F
ClientSampleId :
AU-06-040318-B

Tot Ion:	202	Resp:	71423
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.4	26.2
203	17.9	14.3	21.5

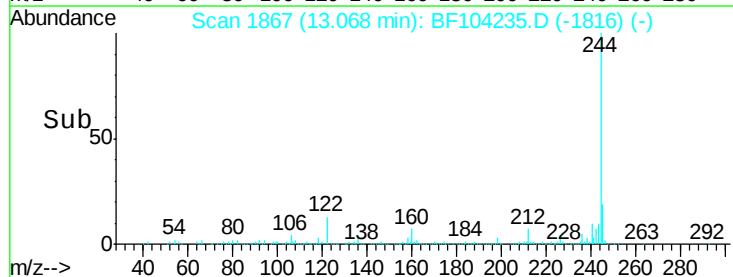
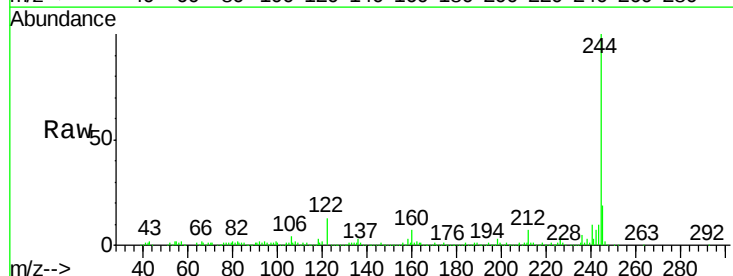
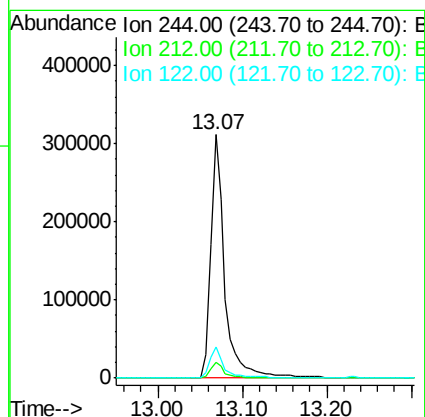
Manual Integrations
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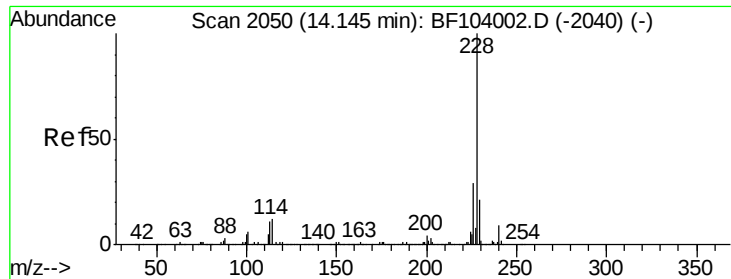
Sohil
4/5/2018 4:38:58 PM



#78
Terphenyl-d14
Concen: 34.266 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BF104235.D
Acq: 4 Apr 2018 19:42

Tgt Ion:	244	Resp:	362411
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.0
122	12.8	11.0	16.4





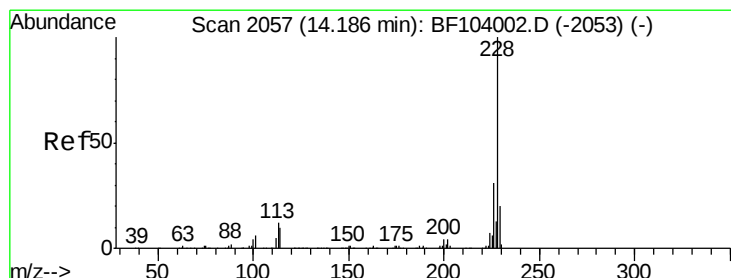
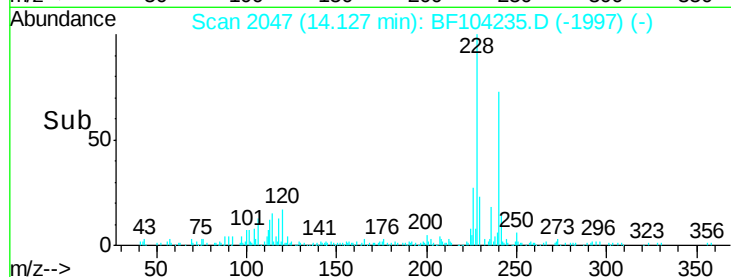
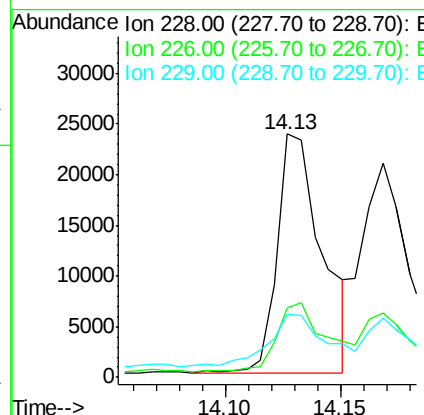
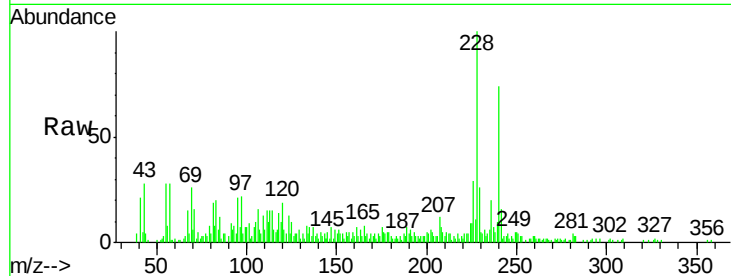
#80
Benzo(a)anthracene
Concen: 2.099 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF104235.D
Acq: 4 Apr 2018 19:42

Instrument :
BNA_F
ClientSampleId :
AU-06-040318-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		32077		
226	28.7		22.6	33.8	
229	26.2		15.8	23.6	

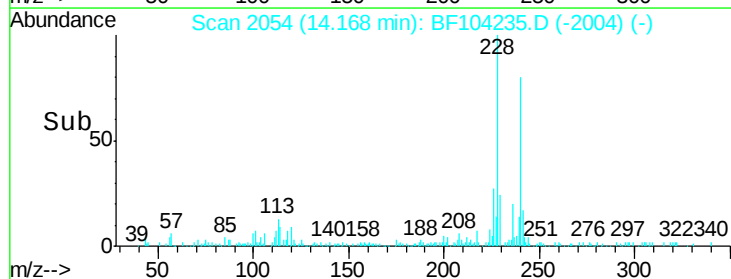
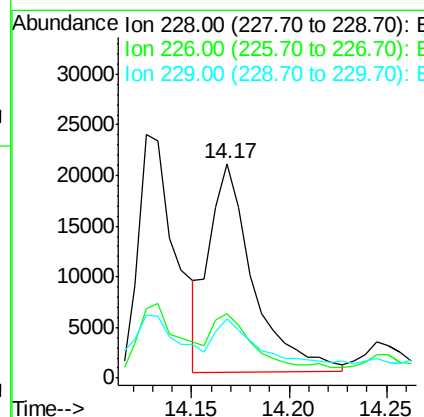
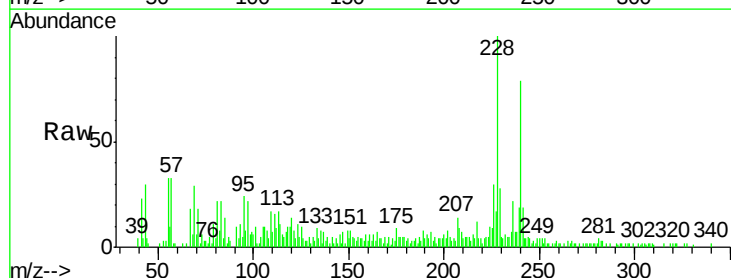
Manual Integrations
APPROVED

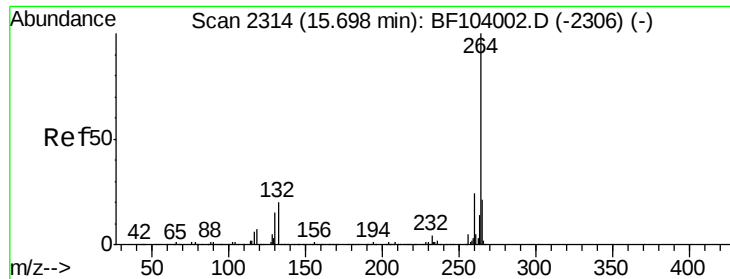
Sohil
4/5/2018 4:38:58 PM



#82
Chrysene
Concen: 2.150 ng
RT: 14.17 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BF104235.D
Acq: 4 Apr 2018 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		32184		
226	30.2		25.0	37.6	
229	27.8		16.2	24.4	





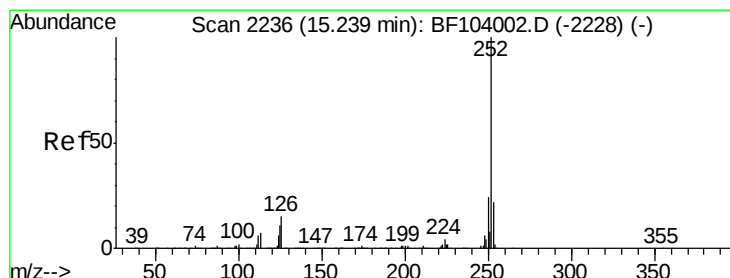
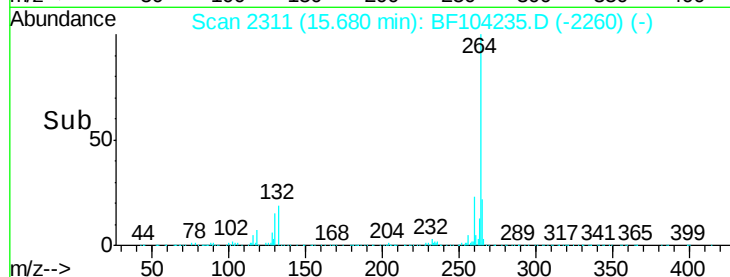
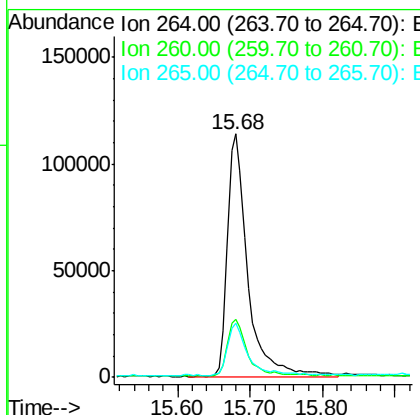
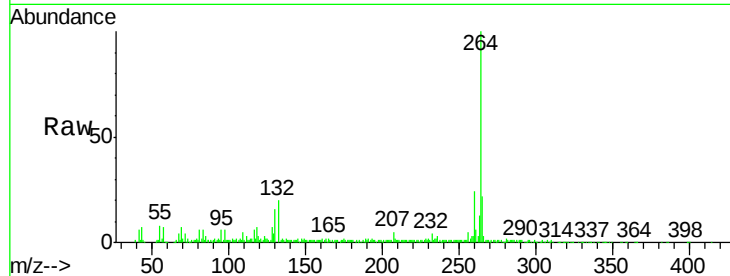
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.00 min
Lab File: BF104235.D
Acq: 4 Apr 2018 19:42

Instrument :
BNA_F
ClientSampleId :
AU-06-040318-B

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.9	19.2	28.8	
265	22.4	17.5	26.3	

Manual Integrations
APPROVED

Sohil
4/5/2018 4:38:58 PM



#87
Benzo(b)fluoranthene
Concen: 2.194 ng m
RT: 15.22 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BF104235.D
Acq: 4 Apr 2018 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	28.1	17.0	25.6#	
125	26.2	9.0	13.6#	

