

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103881.D
 Acq On : 23 Mar 2018 15:40
 Operator : JU/SJ
 Sample : J1748-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-032218-C

Manual Integrations
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 3/26/2018 4:33:03 PM

Quant Time: Mar 23 18:23:39 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	145618	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	582542	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	244772	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	366097	20.00	ng	0.00
75) Chrysene-d12	14.16	240	293599	20.00	ng	0.00
86) Perylene-d12	15.71	264	217491	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1165880	121.78	ng	0.01
7) Phenol-d6	6.60	99	1448803	123.69	ng	0.00
23) Nitrobenzene-d5	7.54	82	885584	106.01	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	291982	138.74	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1378770	89.85	ng	0.00
78) Terphenyl-d14	13.10	244	1044822	82.60	ng	0.00
Target Compounds						
10) Phenol	6.61	94	38237	3.072	ng	86
49) Dimethylphthalate	9.72	163	141022	7.551	ng	100
70) Phenanthrene	11.53	178	59785	2.985	ng	99
74) Fluoranthene	12.73	202	72917	3.534	ng	99
77) Pyrene	12.96	202	64401	2.987	ng	99
87) Benzo(b)fluoranthene	15.24	252	28658m	2.086	ng	

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

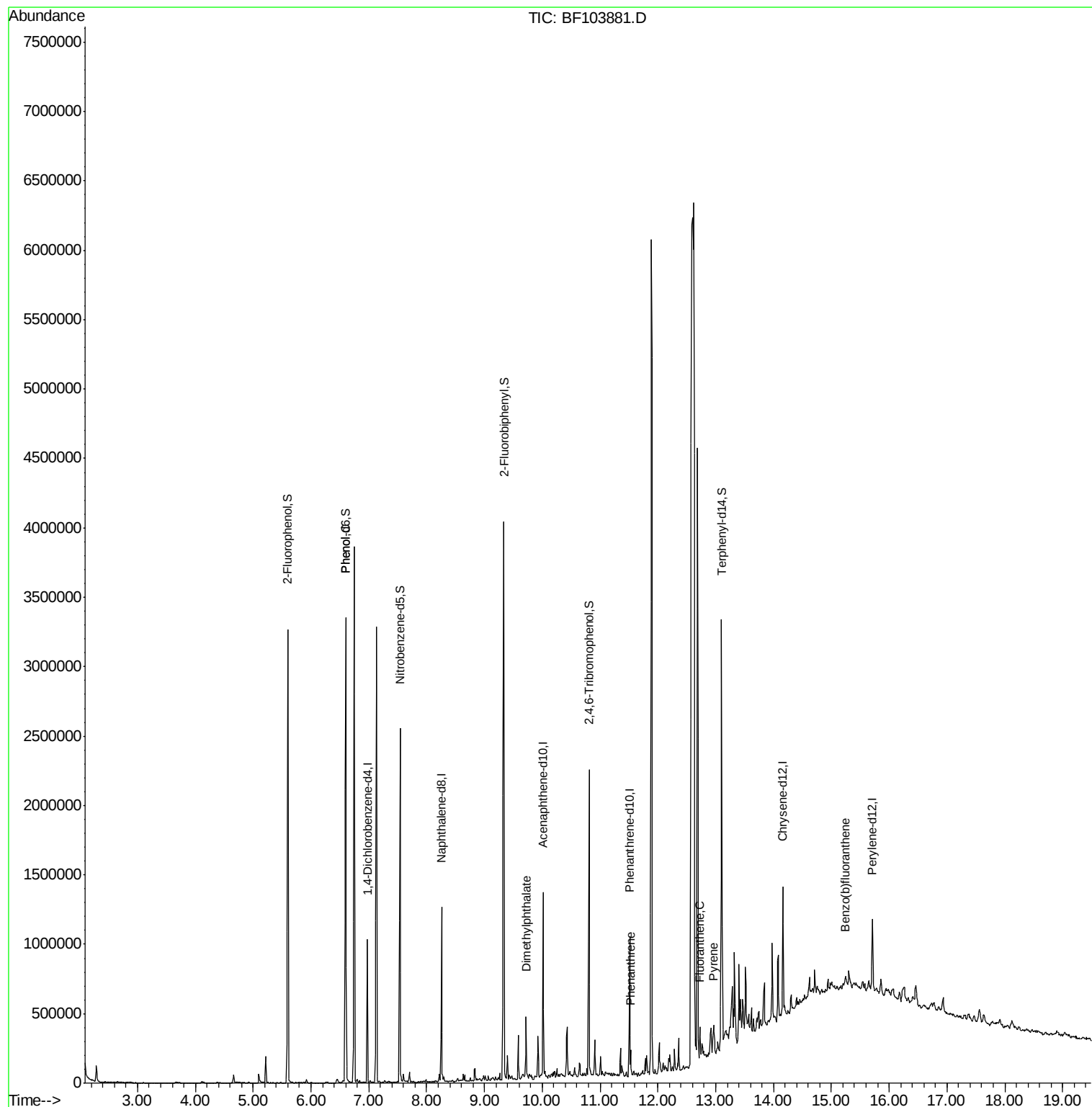
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

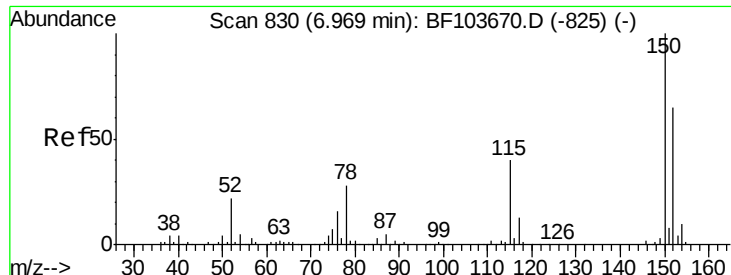
Instrument :
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Quant Time: Mar 23 18:23:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
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Response via : Initial Calibration





#1

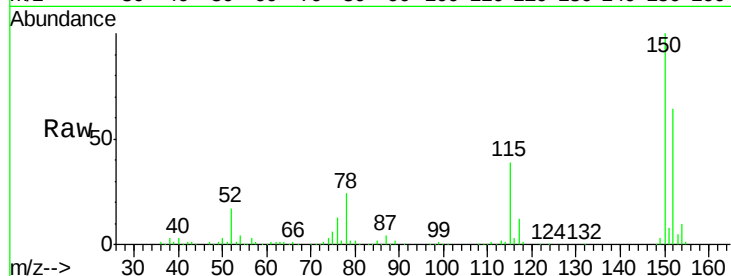
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Instrument :
BNA_F
ClientSampleId :
AU-05-032218-C

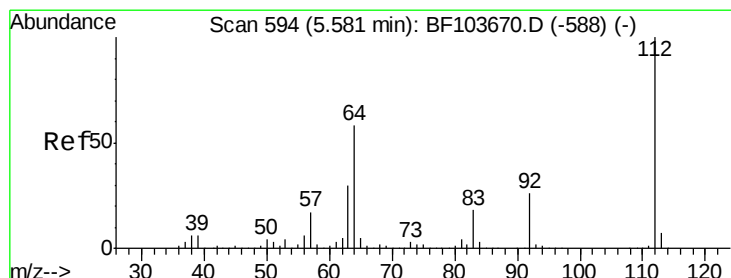
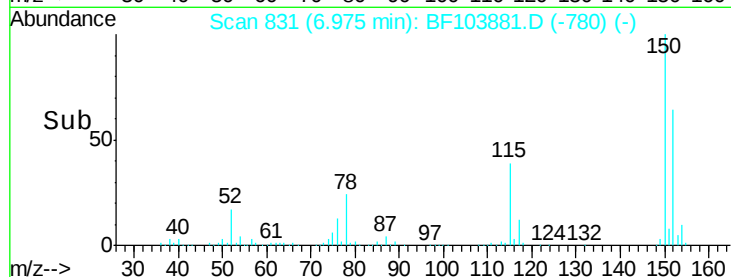
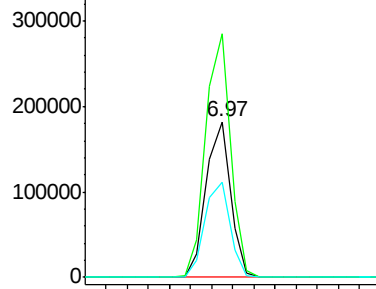
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	61.0	50.1	75.1

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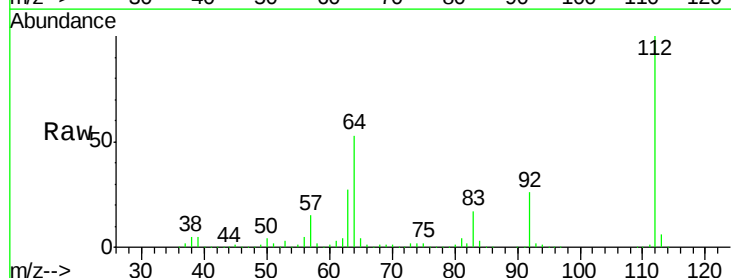
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



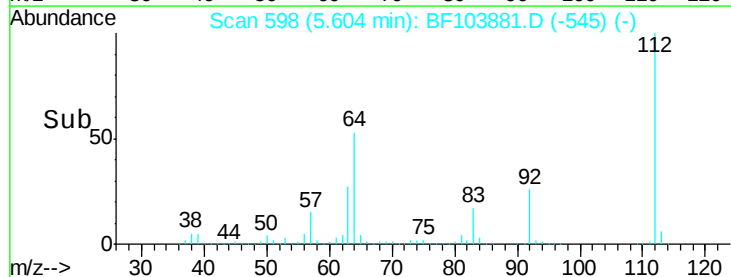
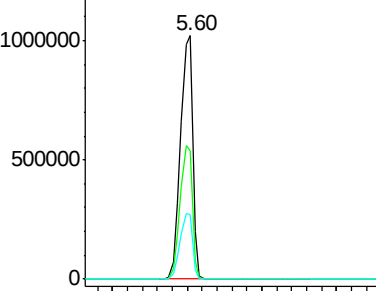
#5

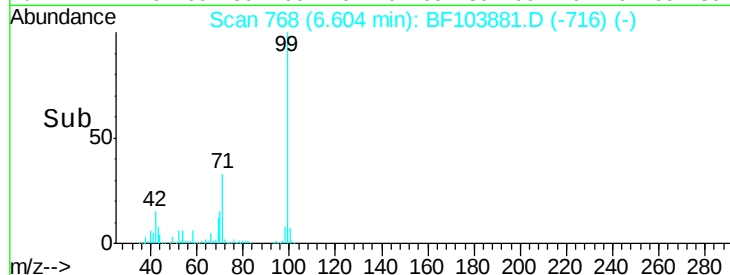
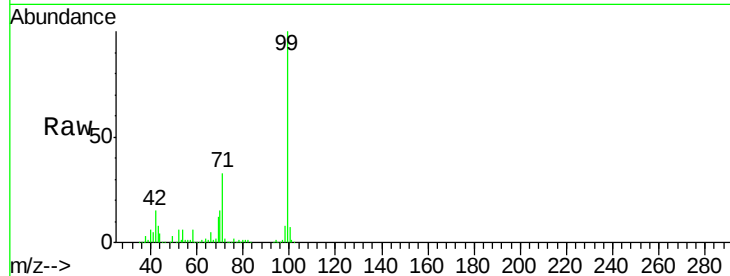
2-Fluorophenol
Concen: 121.777 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	47.9	71.9
63	26.7	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: 123.692 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103881.D

Acq: 23 Mar 2018 15:40

Tot Ion: 99 Resp: 1448803

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

71 32.7 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

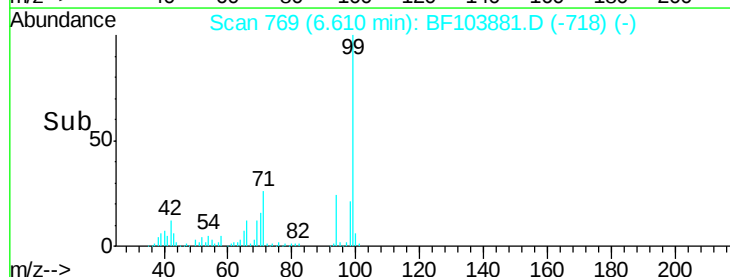
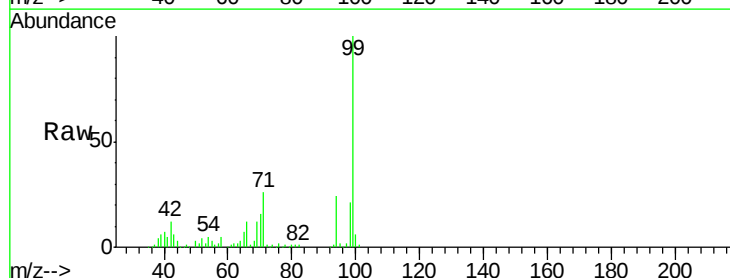
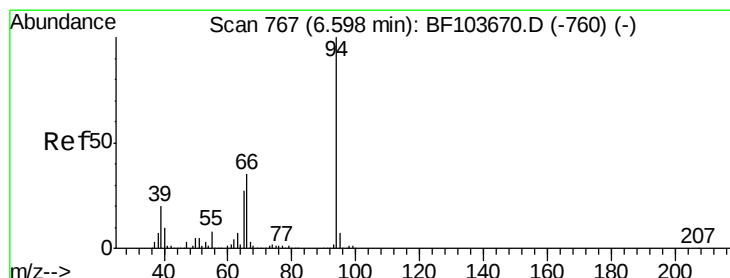
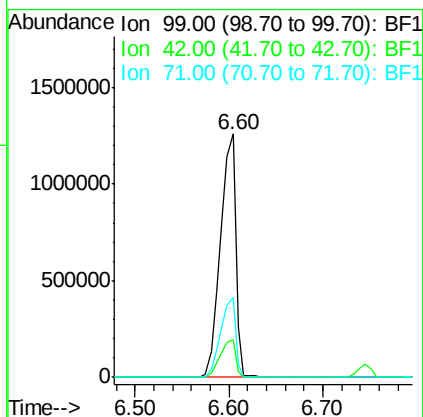
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#10

Phenol

Concen: 3.072 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF103881.D

Acq: 23 Mar 2018 15:40

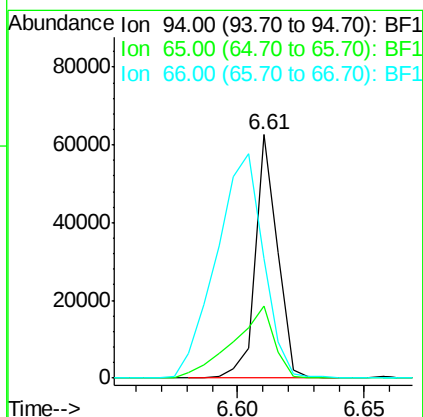
Tgt Ion: 94 Resp: 38237

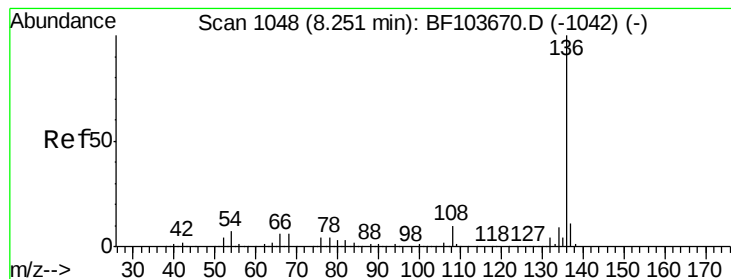
Ion Ratio Lower Upper

94 100

65 29.8 7.9 47.9

66 49.1 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: BF103881.D

Acq: 23 Mar 2018 15:40

Instrument :

BNA_F

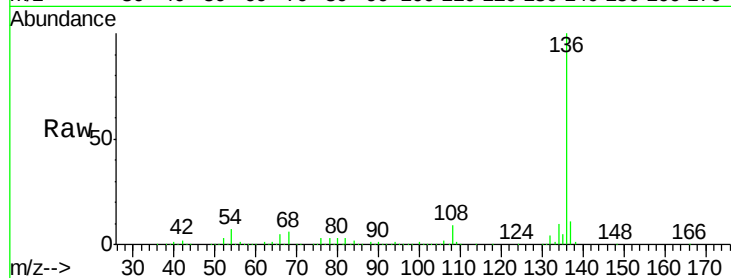
ClientSampleID :

AU-05-032218-C

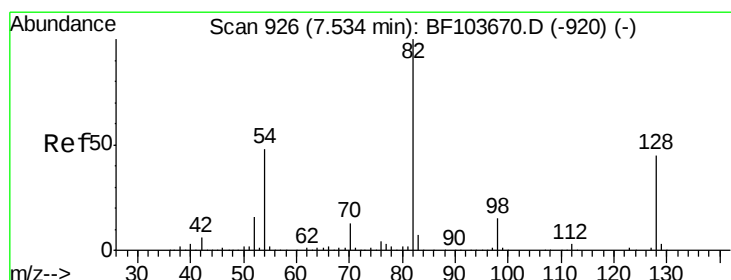
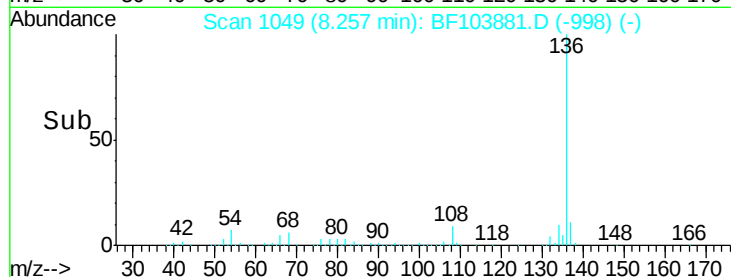
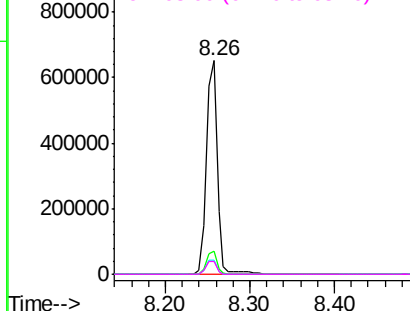
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.6	6.6	9.8
68	6.0	5.0	7.4

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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: 106.013 ng

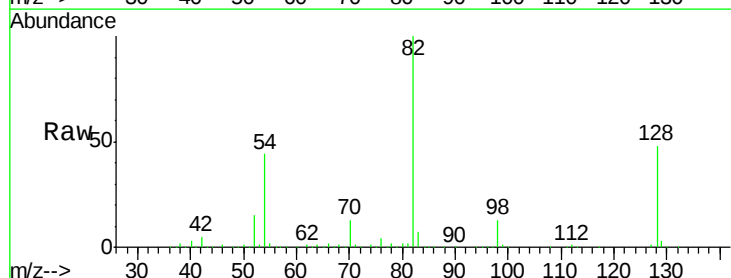
RT: 7.54 min Scan# 927

Delta R.T. -0.00 min

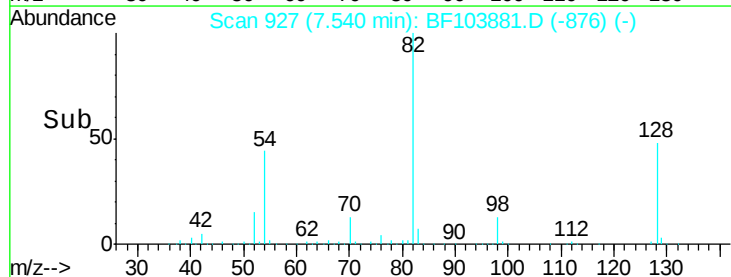
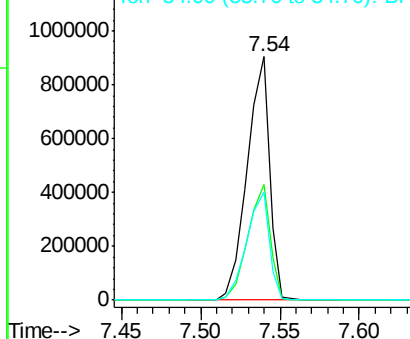
Lab File: BF103881.D

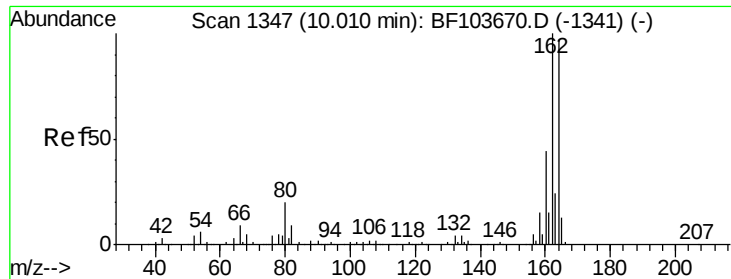
Acq: 23 Mar 2018 15:40

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	44.1	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: BF103881.D

Acq: 23 Mar 2018 15:40

Instrument :

BNA_F

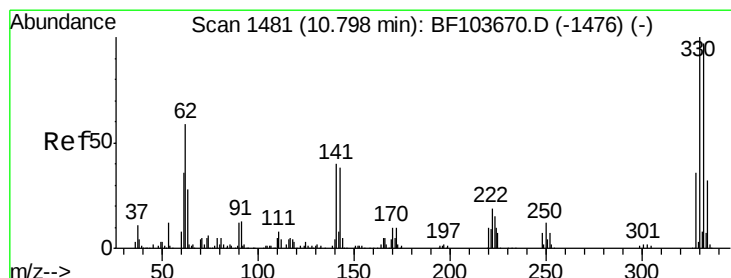
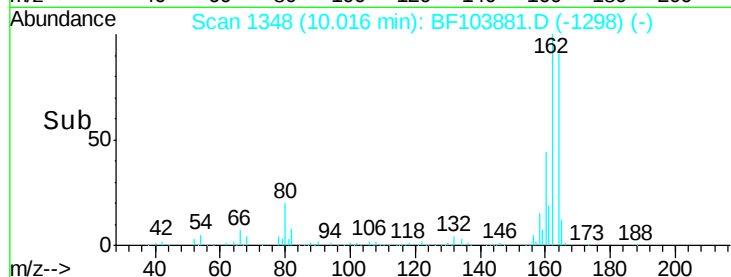
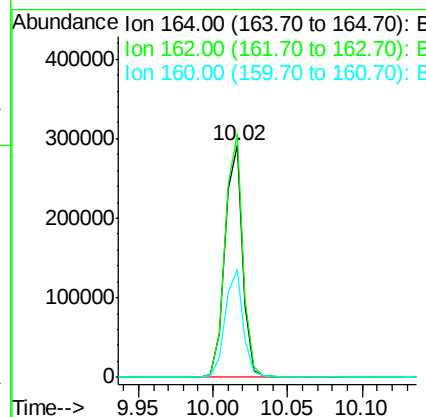
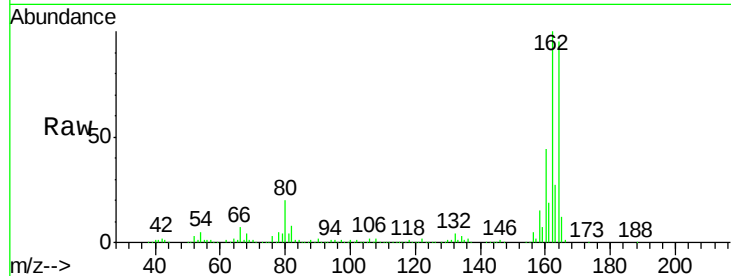
ClientSampleId :

AU-05-032218-C

Tot Ion:	164	Resp:	244772
Ion Ratio	Lower	Upper	
164	100		
162	105.0	86.1	129.1
160	46.5	38.3	57.5

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#41

2,4,6-Tribromophenol

Concen: 138.737 ng

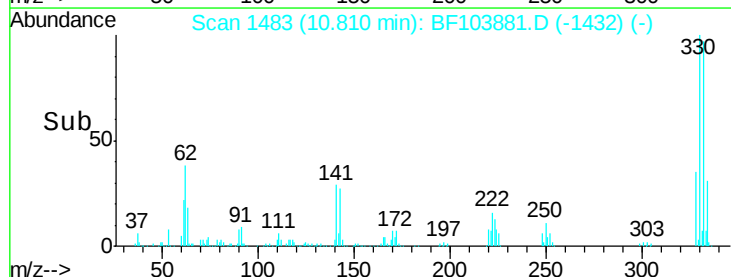
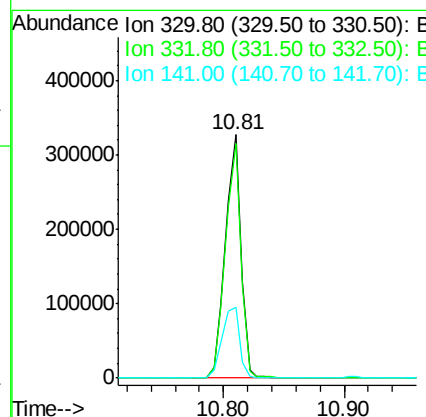
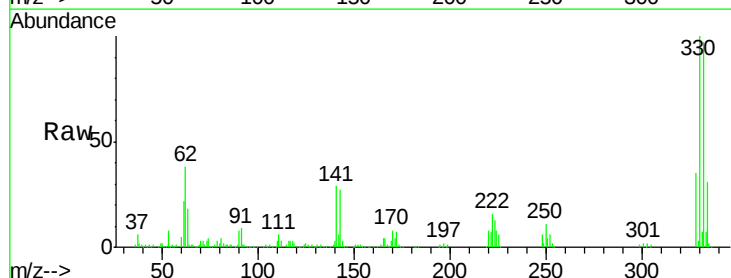
RT: 10.81 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BF103881.D

Acq: 23 Mar 2018 15:40

Tgt Ion:	330	Resp:	291982
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.0	115.6
141	32.6	29.9	44.9





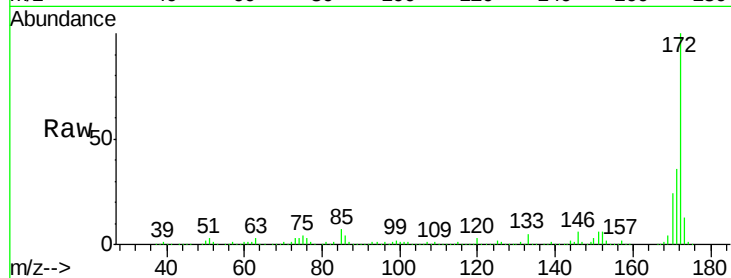
#44
2-Fluorobiphenyl
Concen: 89.853 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Instrument :
BNA_F
ClientSampleId :
AU-05-032218-C

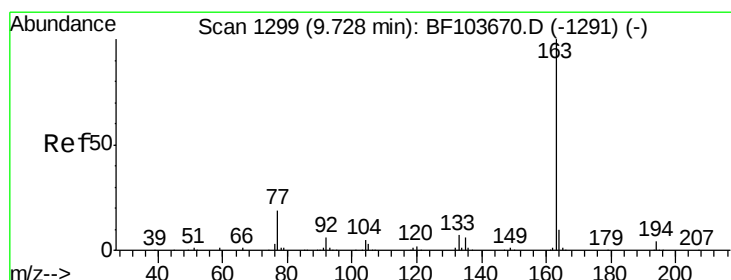
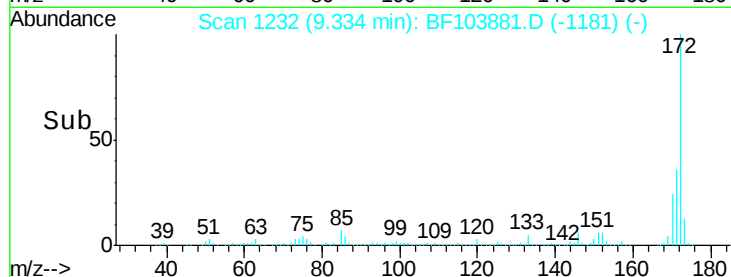
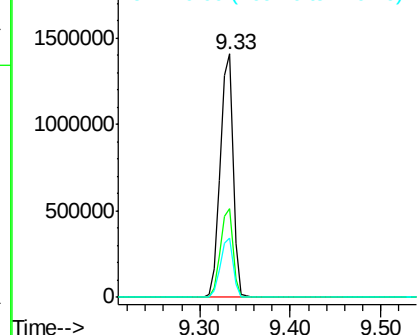
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4

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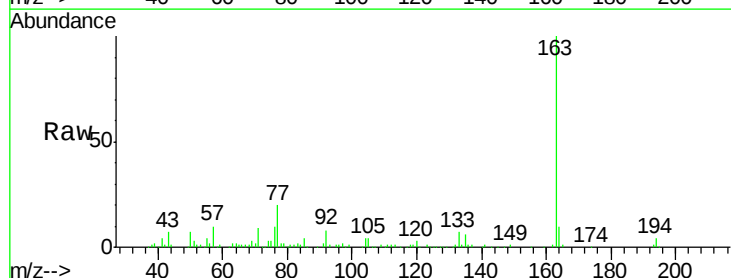


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

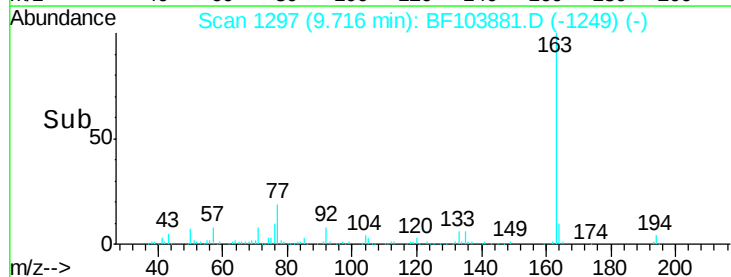
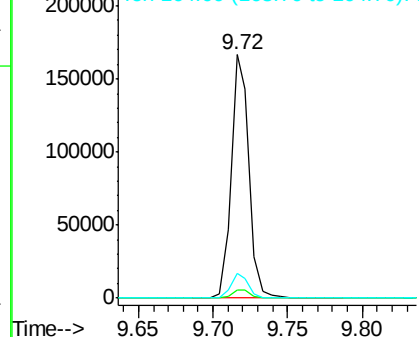


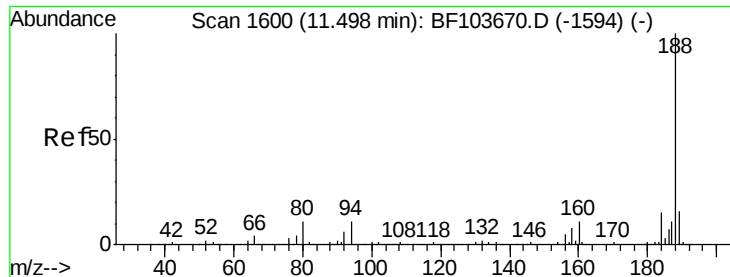
#49
Dimethylphthalate
Concen: 7.551 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.2	8.2	12.2



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





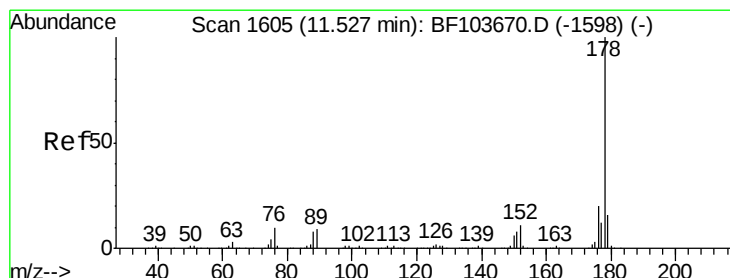
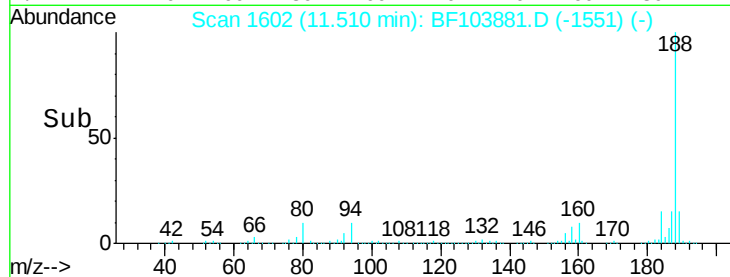
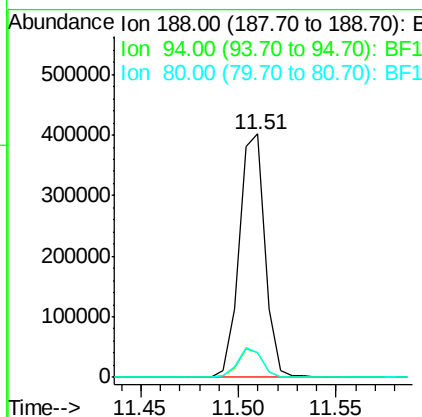
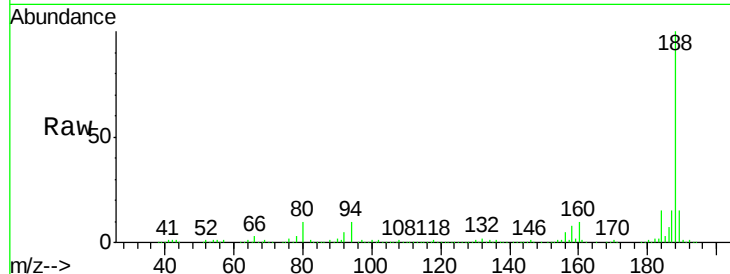
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF103881.D
 Acq: 23 Mar 2018 15:40

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
188	100	366097		
94	10.1		8.5	12.7
80	10.2		9.2	13.8

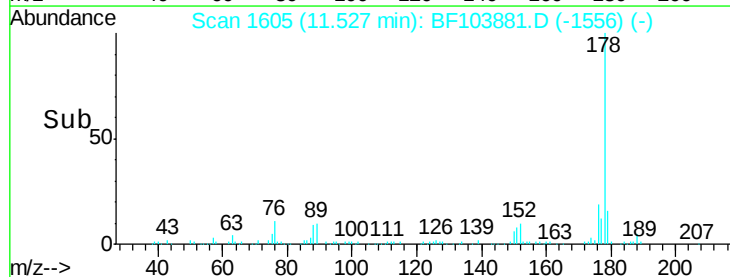
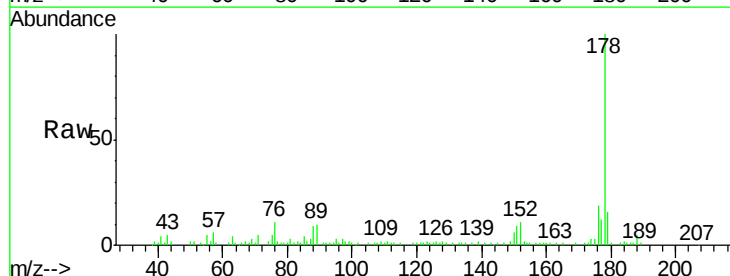
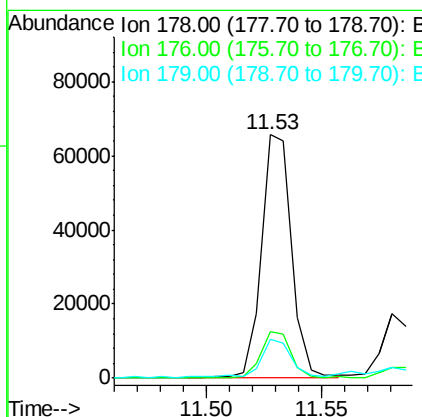
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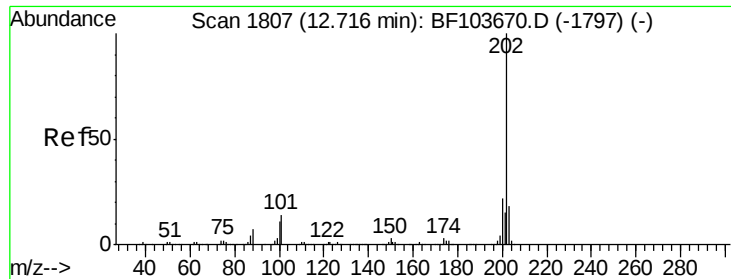
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#70
 Phenanthrene
 Concen: 2.985 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BF103881.D
 Acq: 23 Mar 2018 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	59785		
176	19.0		15.8	23.8
179	15.8		13.0	19.6





#74

Fluoranthene

Concen: 3.534 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF103881.D

Acq: 23 Mar 2018 15:40

Instrument :

BNA_F

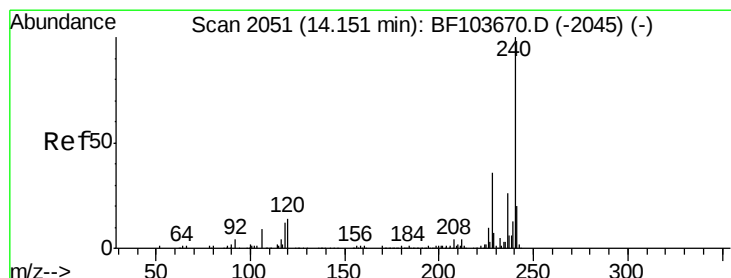
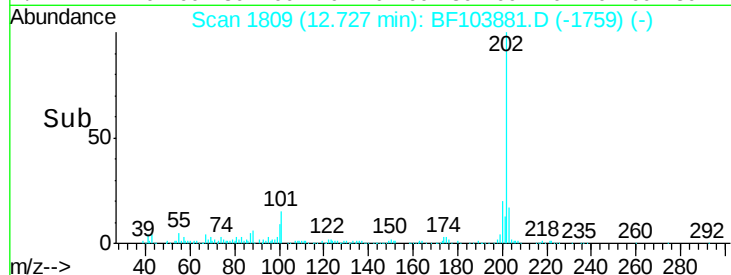
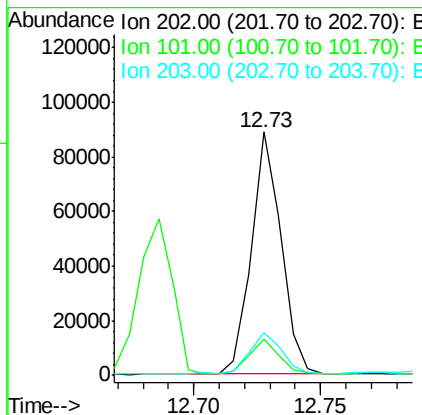
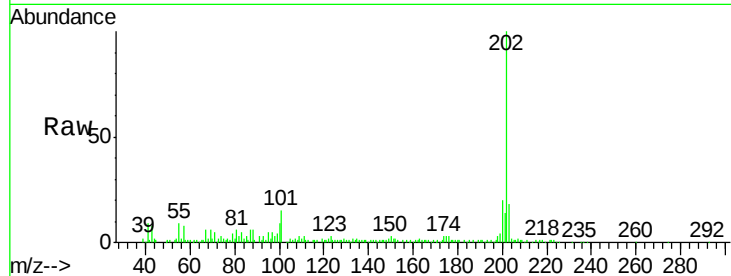
ClientSampleId :

AU-05-032218-C

Tot Ion:	202	Resp:	72917
Ion Ratio	Lower	Upper	
202	100		
101	14.6	0.0	34.1
203	17.8	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

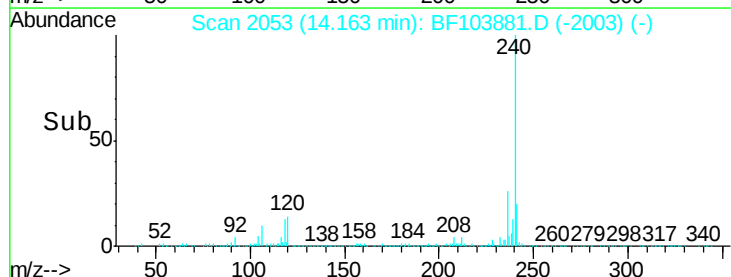
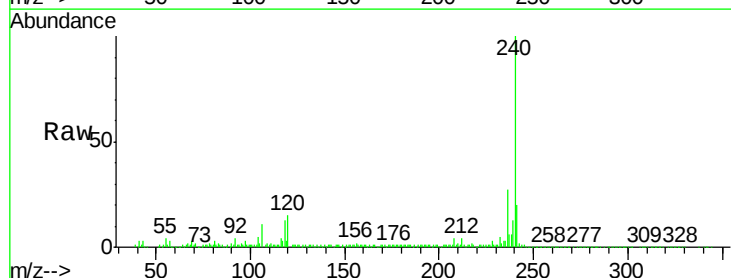
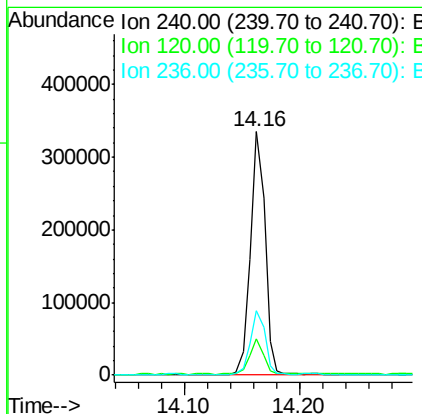
RT: 14.16 min Scan# 2053

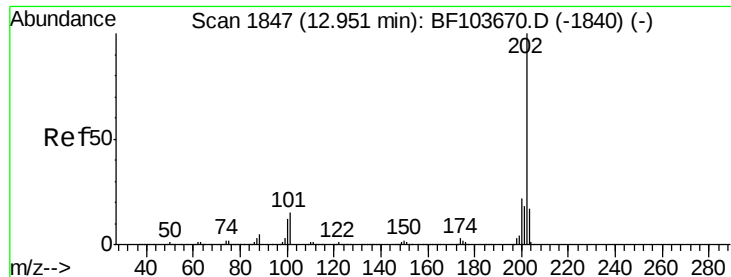
Delta R.T. -0.01 min

Lab File: BF103881.D

Acq: 23 Mar 2018 15:40

Tgt Ion:	240	Resp:	293599
Ion Ratio	Lower	Upper	
240	100		
120	14.7	9.5	14.3#
236	26.6	20.7	31.1





#77

Pvrene

Concen: 2.987 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF103881.D

Acq: 23 Mar 2018 15:40

Instrument :

BNA_F

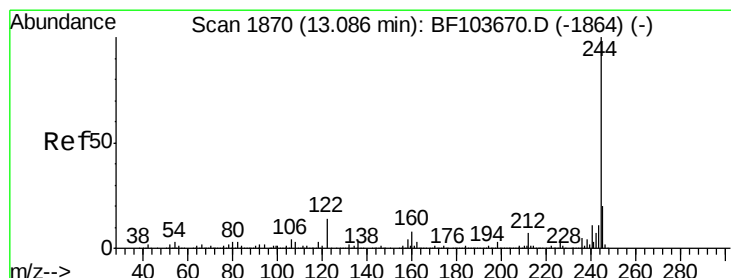
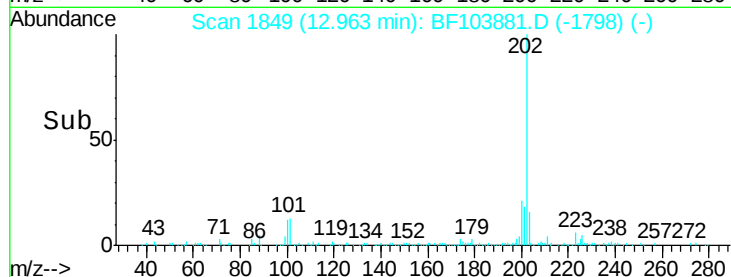
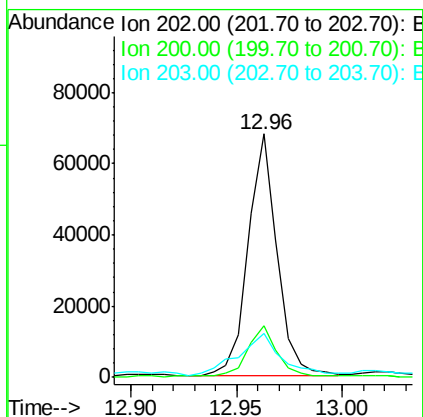
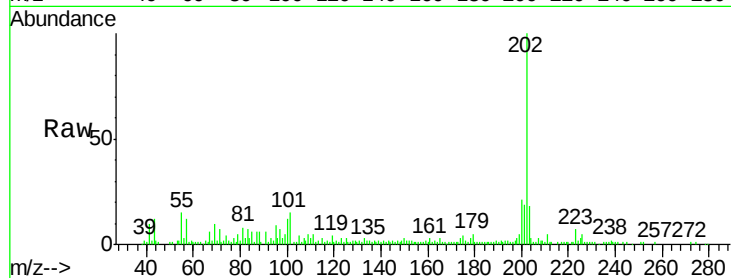
ClientSampleId :

AU-05-032218-C

Tot Ion:	202	Resp:	64401
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.4	26.2
203	17.8	14.3	21.5

Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:03 PM



#78

Terphenyl-d14

Concen: 82.602 ng

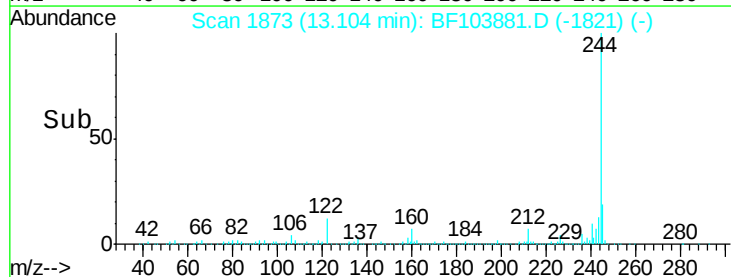
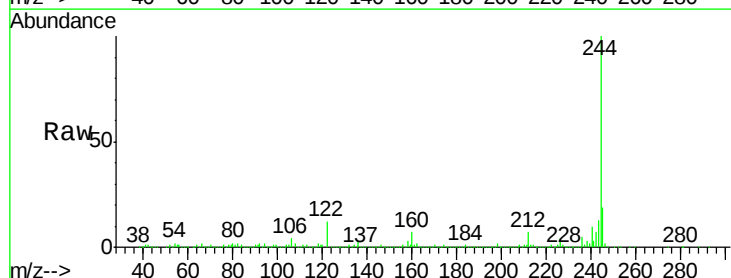
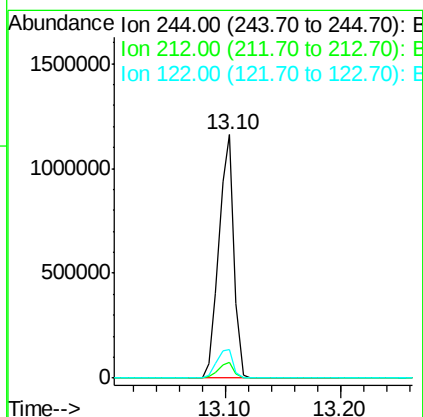
RT: 13.10 min Scan# 1873

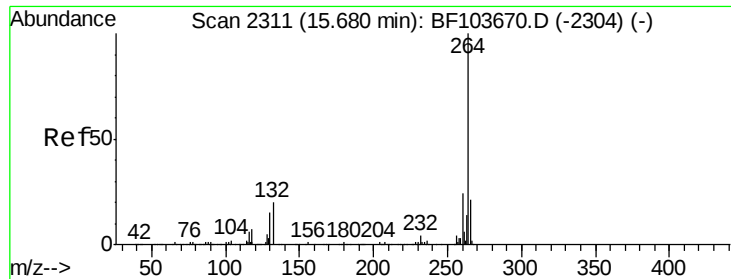
Delta R.T. 0.01 min

Lab File: BF103881.D

Acq: 23 Mar 2018 15:40

Tgt Ion:	244	Resp:	1044822
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.4	8.0
122	12.0	11.0	16.4





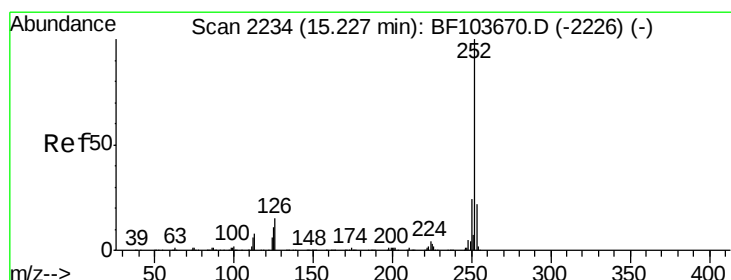
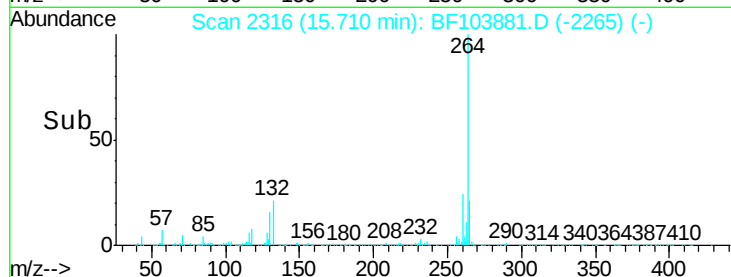
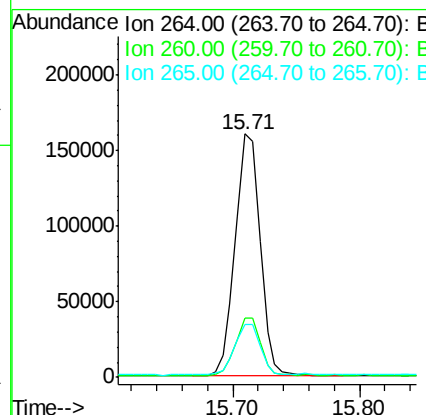
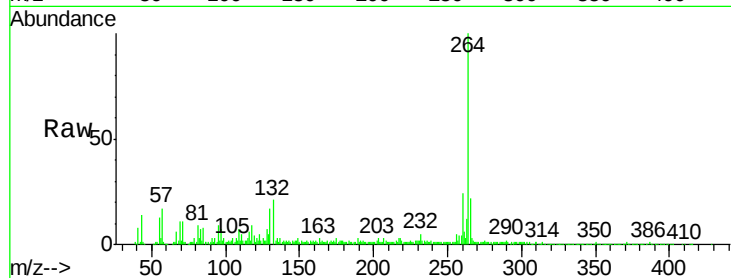
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Instrument :
BNA_F
ClientSampleId :
AU-05-032218-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	17.5	26.3

Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:03 PM



#87
Benzo(b)fluoranthene
Concen: 2.086 ng m
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.8	17.0	25.6#
125	37.9	9.0	13.6#

