

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103882.D
 Acq On : 23 Mar 2018 16:06
 Operator : JU/SJ
 Sample : J1748-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 3/26/2018 4:33:05 PM

Quant Time: Mar 23 18:27:00 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	152417	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	591828	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	256217	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	387530	20.00	ng	0.00
75) Chrysene-d12	14.16	240	290260	20.00	ng	0.00
86) Perylene-d12	15.71	264	226205	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1041109	103.89	ng	0.01
7) Phenol-d6	6.60	99	1275920	104.07	ng	0.00
23) Nitrobenzene-d5	7.54	82	761269	89.70	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	259625	117.85	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1185800	73.83	ng	0.00
78) Terphenyl-d14	13.10	244	883596	70.66	ng	0.00
Target Compounds						
10) Phenol	6.61	94	33542	2.575	ng	96
49) Dimethylphthalate	9.72	163	123342	6.310	ng	99
74) Fluoranthene	12.73	202	60091	2.751	ng	97
77) Pyrene	12.96	202	55700	2.613	ng	99
87) Benzo(b)fluoranthene	15.24	252	31498m	2.204	ng	

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

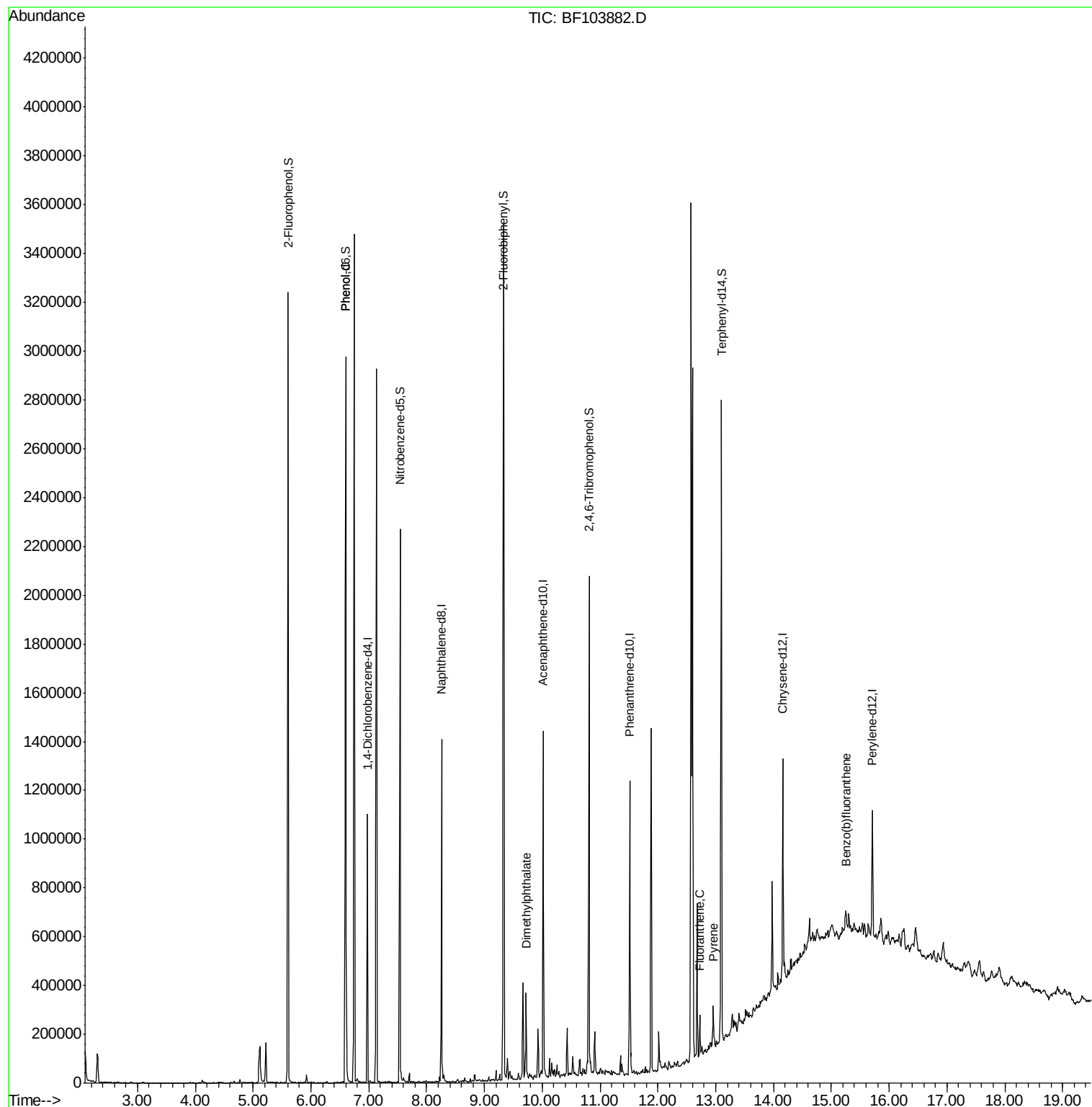
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103882.D
Acq On : 23 Mar 2018 16:06
Operator : JU/SJ
Sample : J1748-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

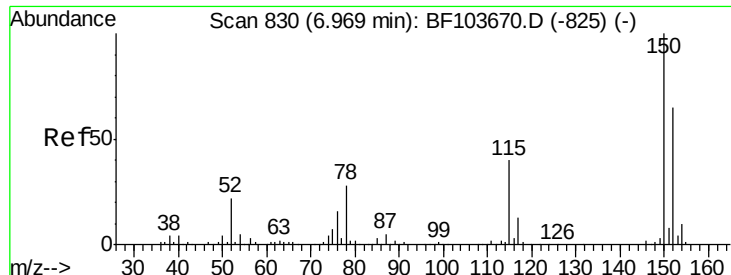
Instrument :
BNA_F
ClientSampleId :
AU-05-032218-D

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Quant Time: Mar 23 18:27:00 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





#1

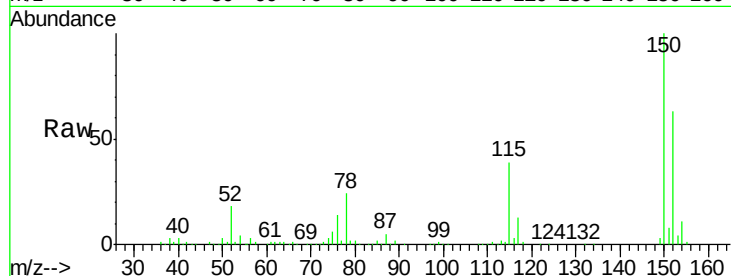
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103882.D
Acq: 23 Mar 2018 16:06

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	62.2	50.1	75.1

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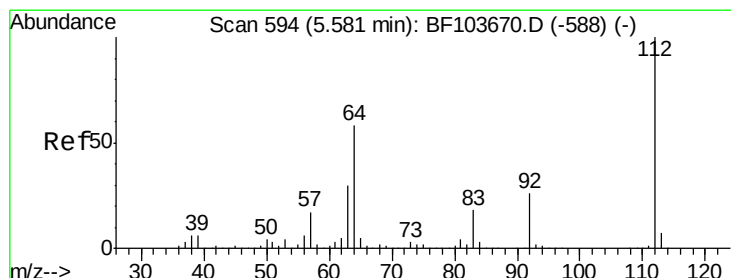
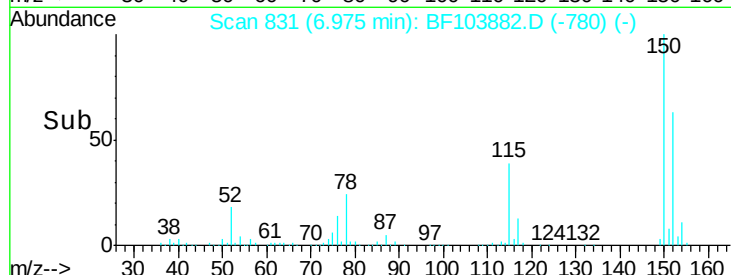
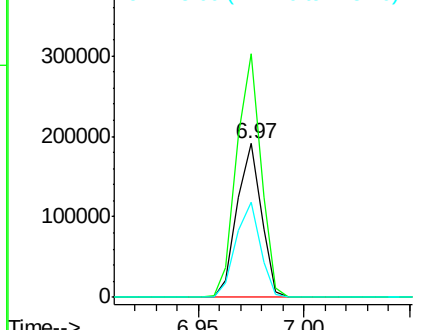


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

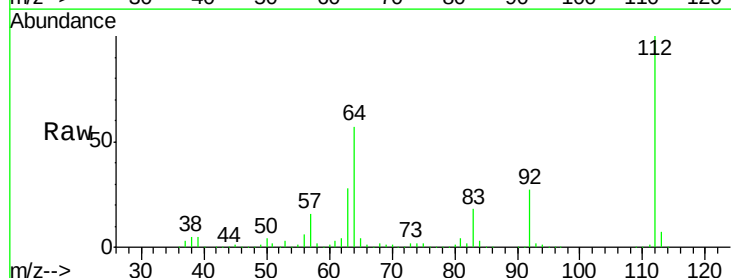
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.894 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF103882.D
Acq: 23 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.9	71.9
63	28.0	23.7	35.5

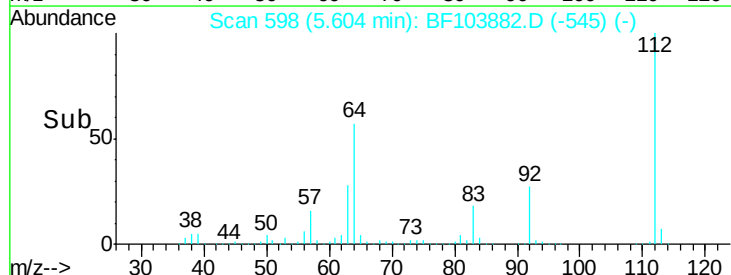
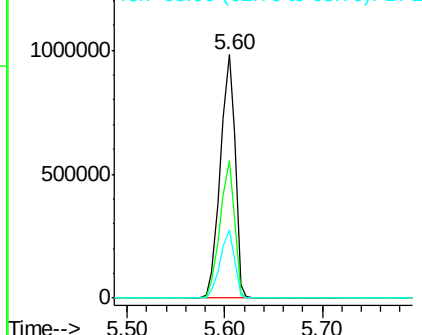


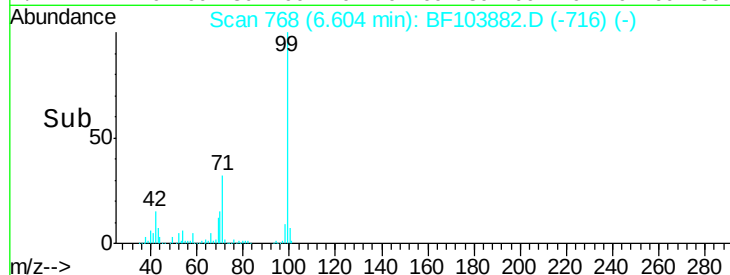
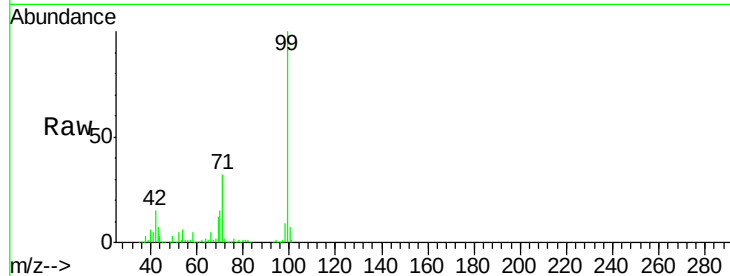
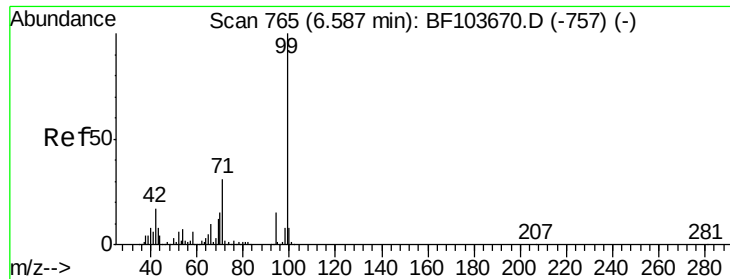
Abundance

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: 104.073 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103882.D

Acq: 23 Mar 2018 16:06

Tot Ion:	99	Resp:	1275920
Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.5	21.7
71	31.7	25.4	38.0

Instrument :

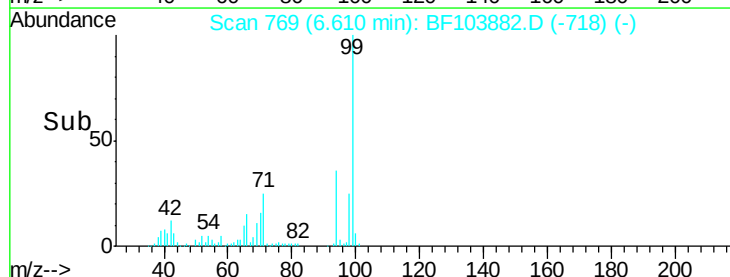
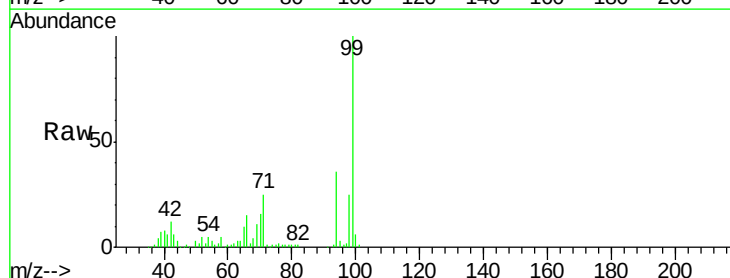
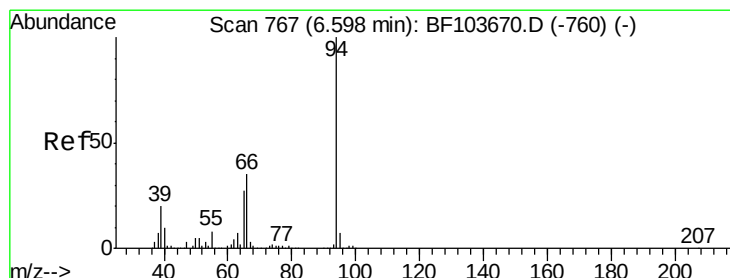
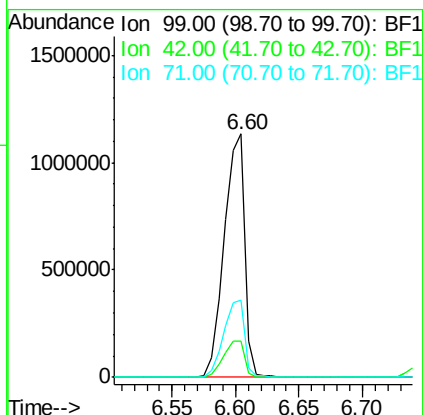
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ClientSampleId :

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#10

Phenol

Concen: 2.575 ng

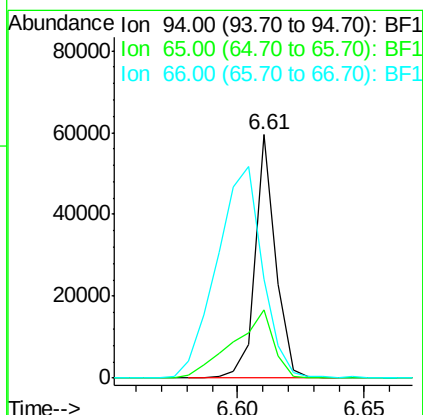
RT: 6.61 min Scan# 769

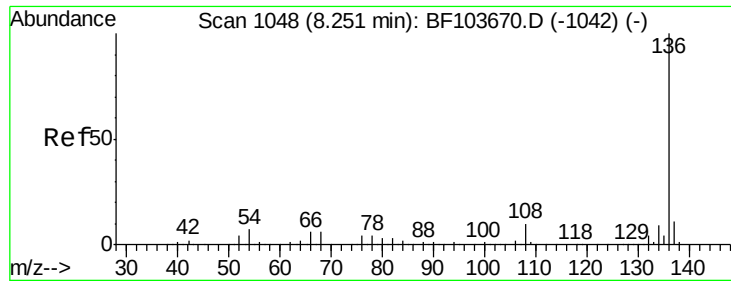
Delta R.T. -0.00 min

Lab File: BF103882.D

Acq: 23 Mar 2018 16:06

Tgt Ion:	94	Resp:	33542
Ion	Ratio	Lower	Upper
94	100		
65	27.8	7.9	47.9
66	40.6	16.2	56.2





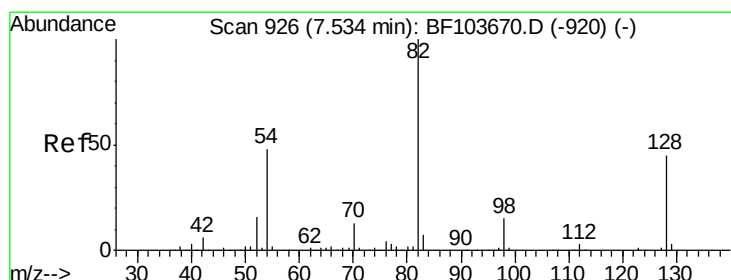
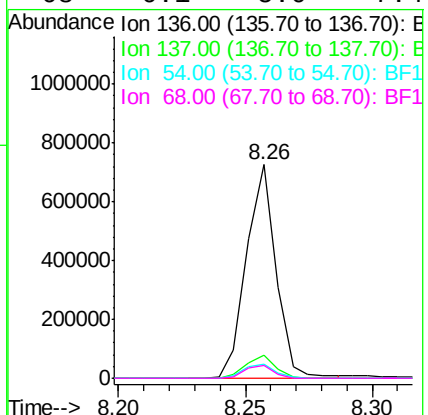
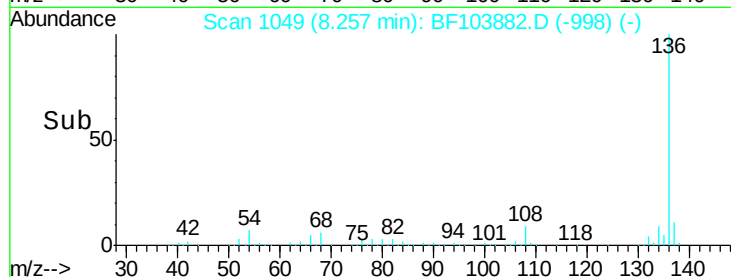
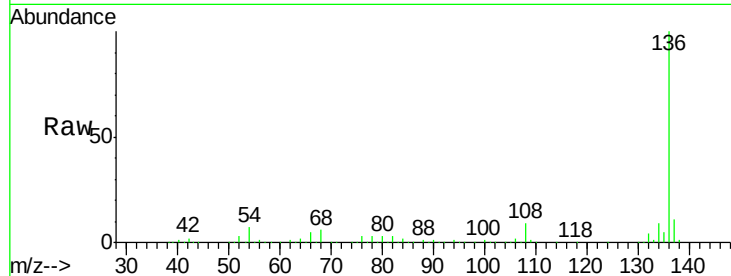
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103882.D
Acq: 23 Mar 2018 16:06

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		591828		
137	10.8		8.9	13.3	
54	6.8		6.6	9.8	
68	6.1		5.0	7.4	

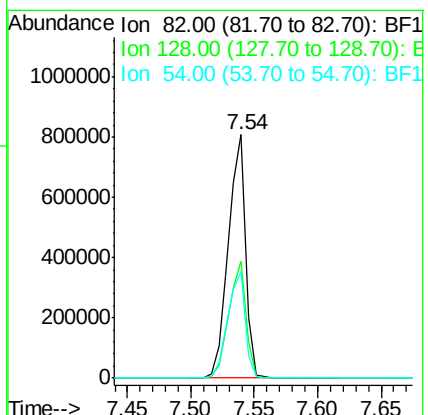
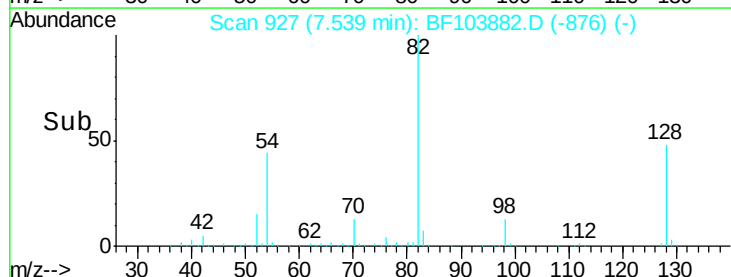
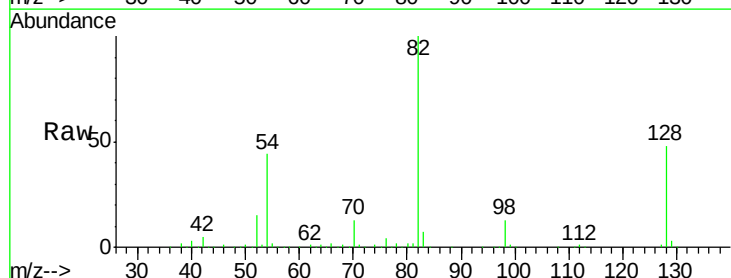
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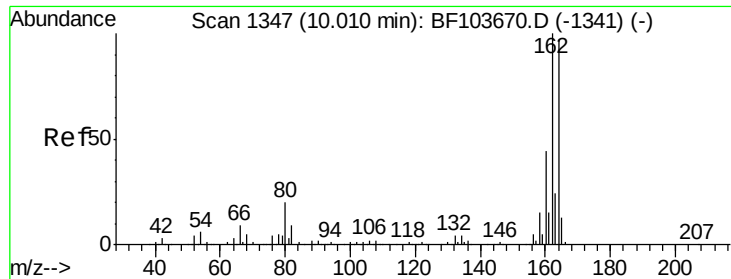
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#23
Nitrobenzene-d5
Concen: 89.701 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103882.D
Acq: 23 Mar 2018 16:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		761269		
128	47.9		36.1	54.1	
54	43.8		41.4	62.2	





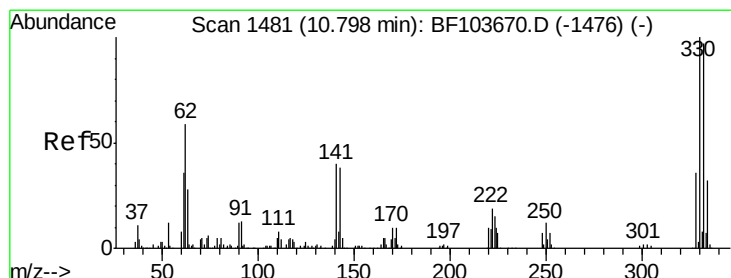
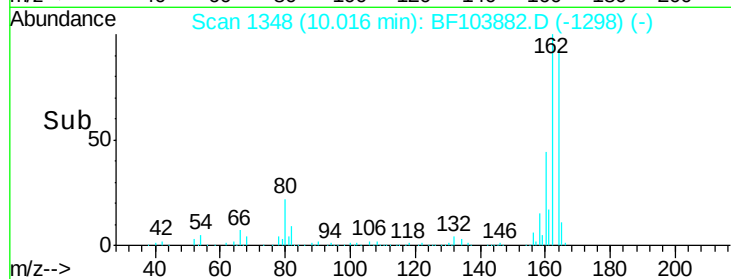
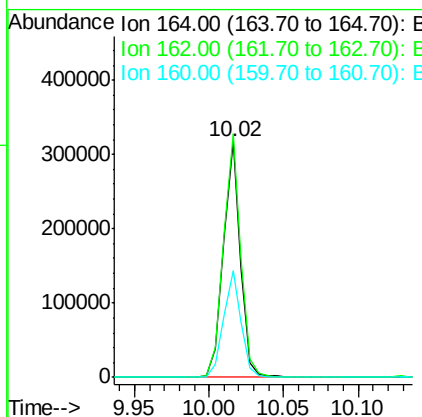
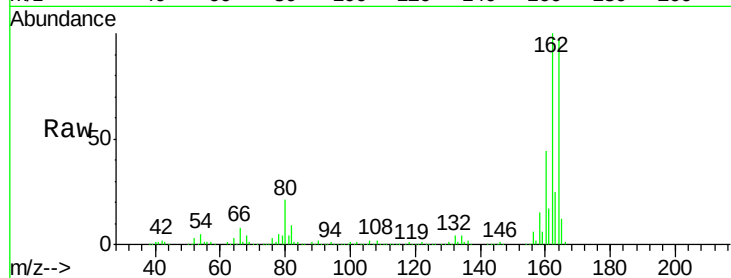
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103882.D
Acq: 23 Mar 2018 16:06

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

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.4	86.1	129.1	
160	45.1	38.3	57.5	

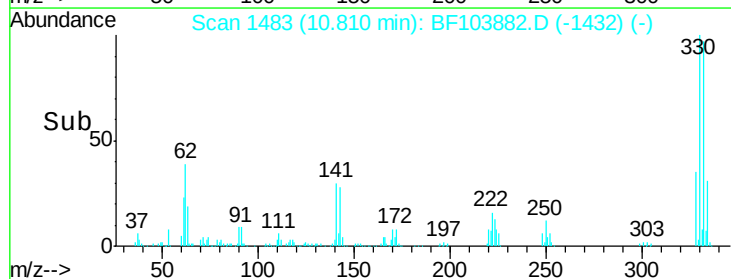
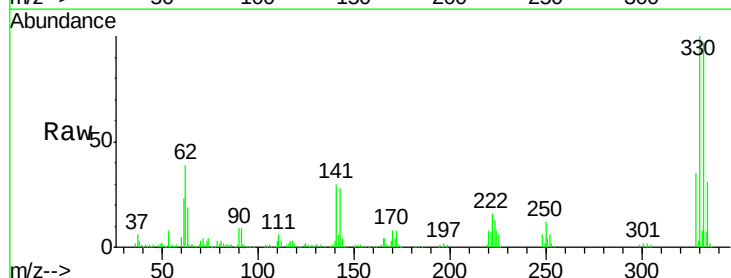
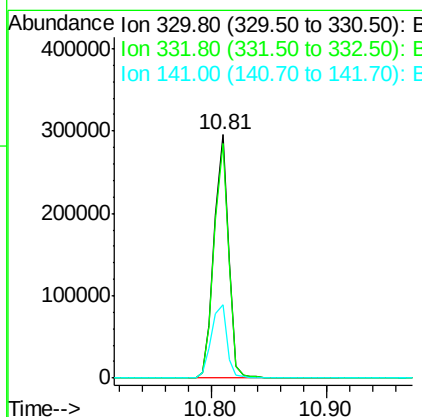
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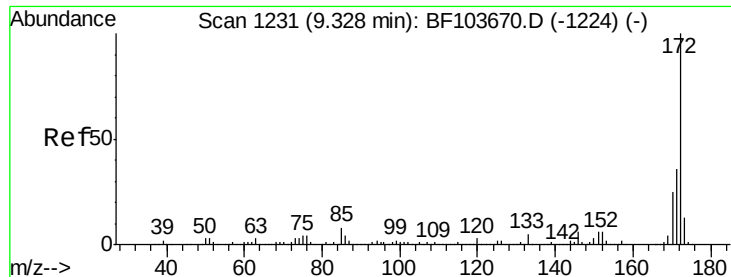
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#41
2,4,6-Tribromophenol
Concen: 117.852 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF103882.D
Acq: 23 Mar 2018 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	77.0	115.6	
141	33.1	29.9	44.9	





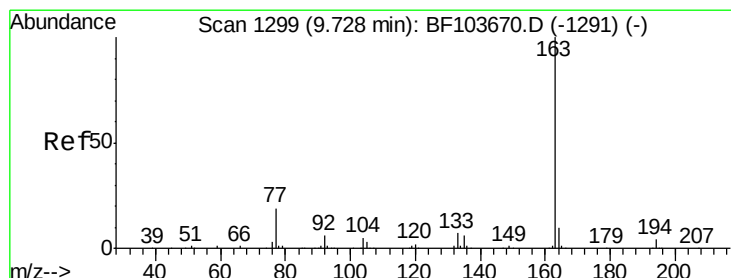
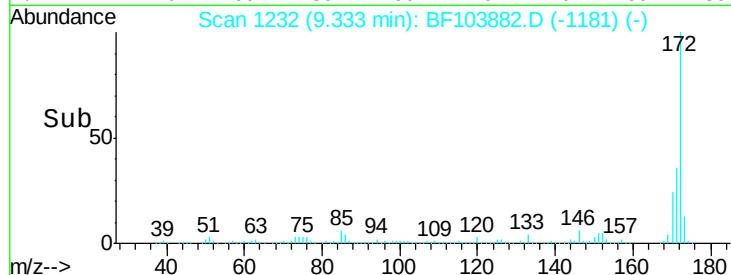
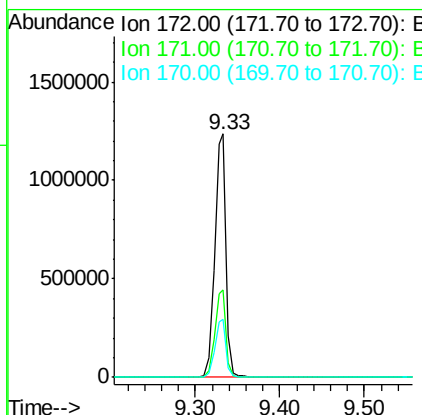
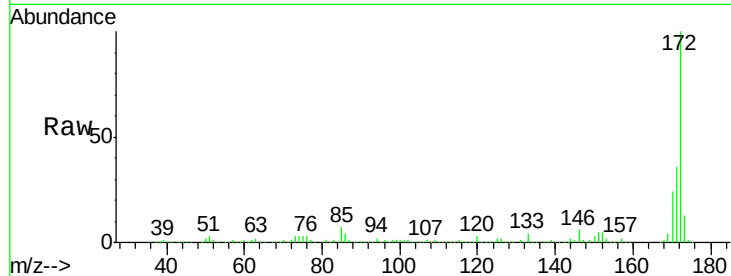
#44
2-Fluorobiphenyl
Concen: 73.825 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF103882.D
Acq: 23 Mar 2018 16:06

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.0	19.6	29.4

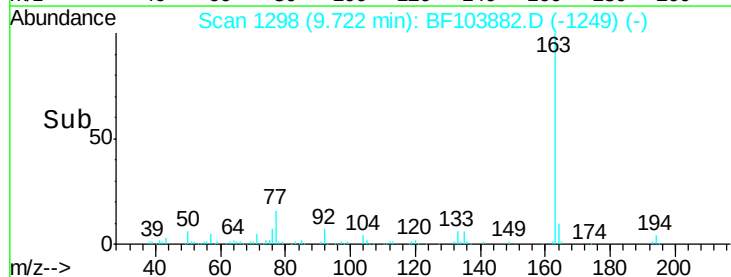
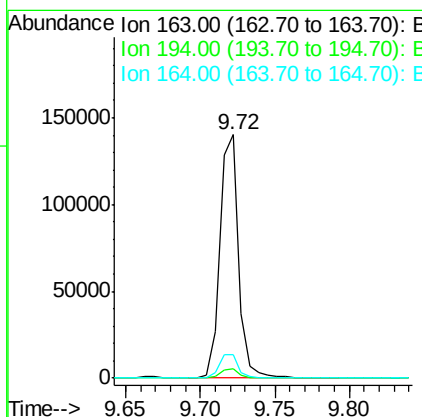
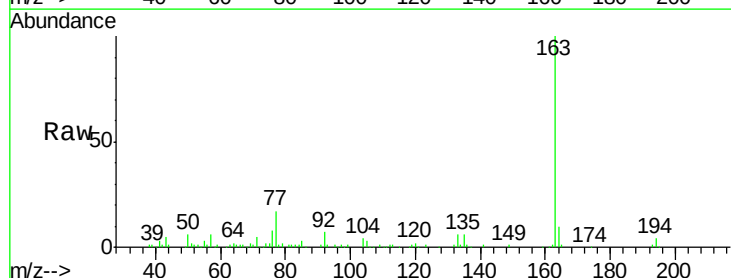
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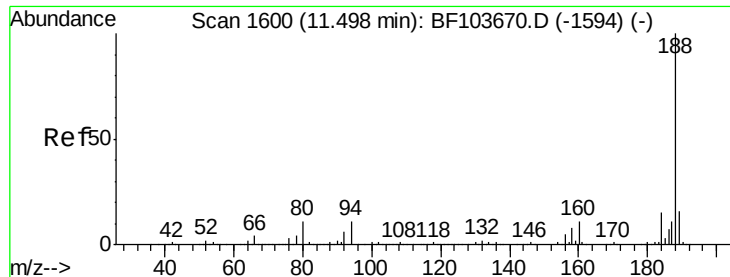
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#49
Dimethylphthalate
Concen: 6.310 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF103882.D
Acq: 23 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.9	8.2	12.2





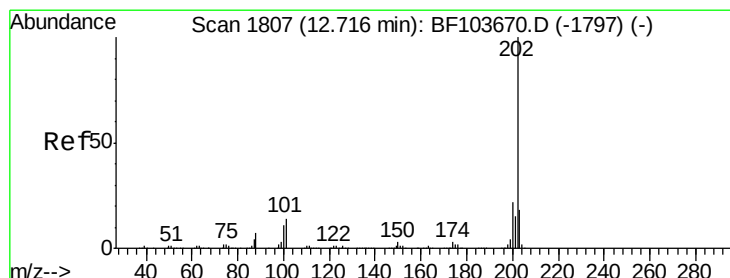
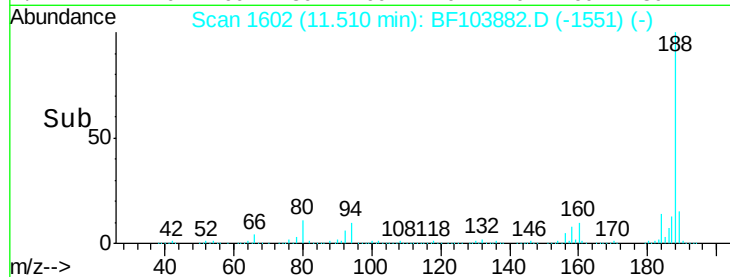
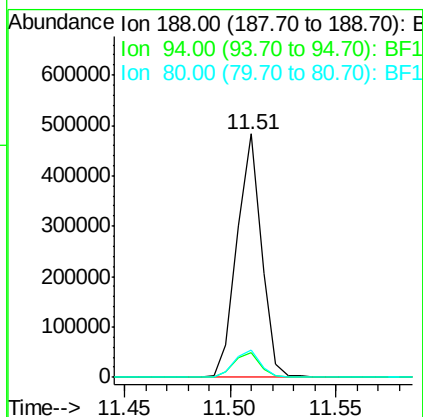
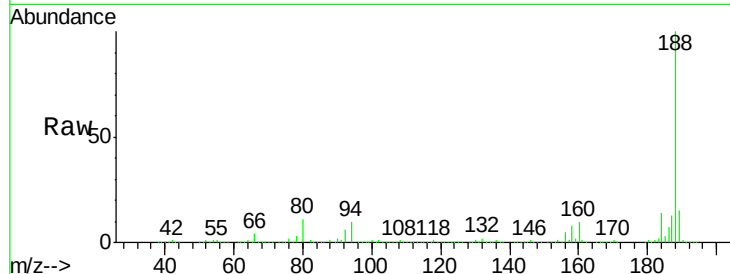
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103882.D
Acq: 23 Mar 2018 16:06

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	387530		
94	10.3		8.5	12.7
80	11.3		9.2	13.8

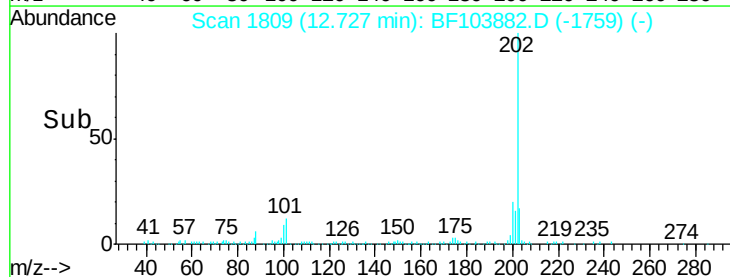
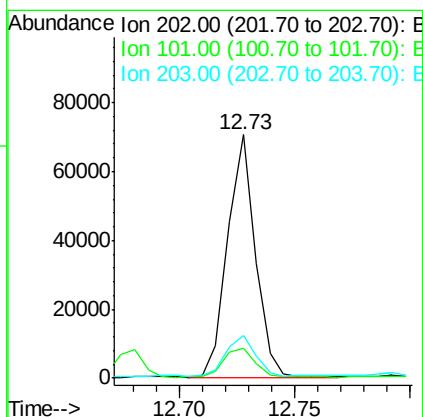
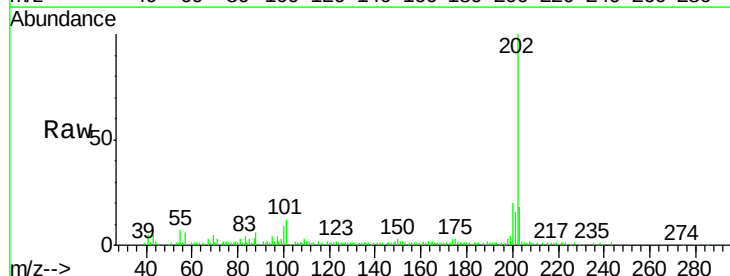
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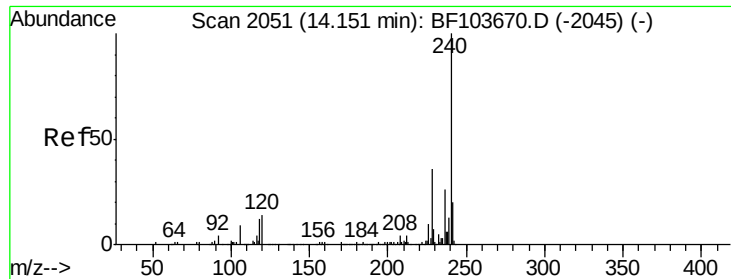
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#74
Fluoranthene
Concen: 2.751 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF103882.D
Acq: 23 Mar 2018 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	60091		
101	12.1		0.0	34.1
203	17.6		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF103882.D

Acq: 23 Mar 2018 16:06

Instrument :

BNA_F

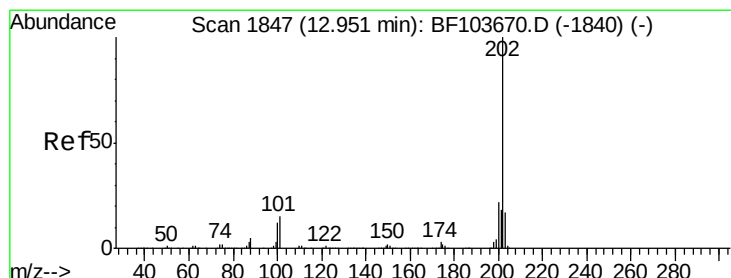
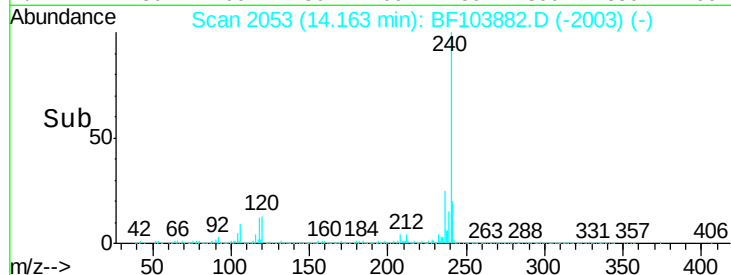
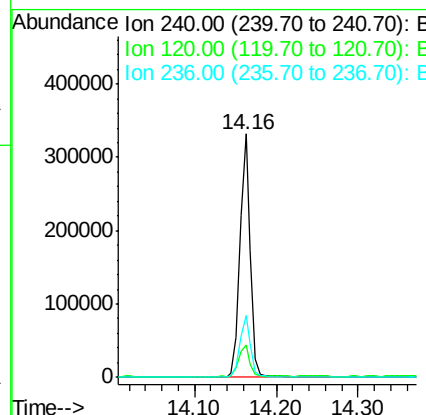
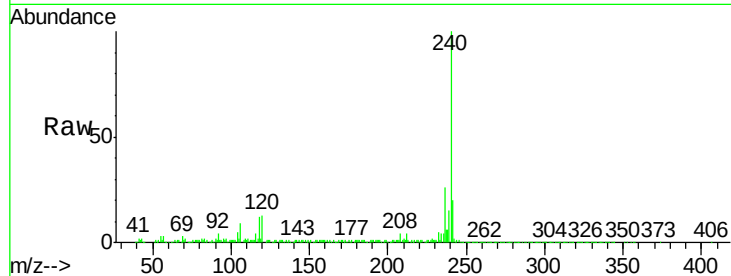
ClientSampleId :

AU-05-032218-D

Tot Ion:	240	Resp:	290260
Ion Ratio	Lower	Upper	
240	100		
120	13.3	9.5	14.3
236	25.6	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 2.613 ng

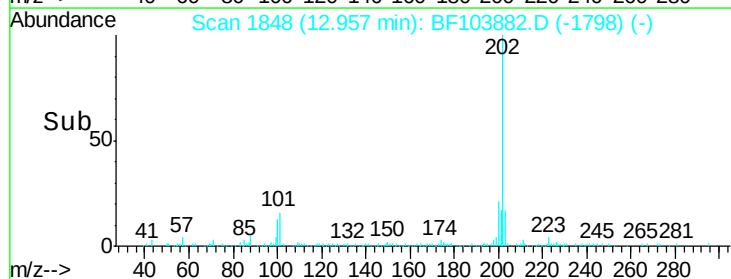
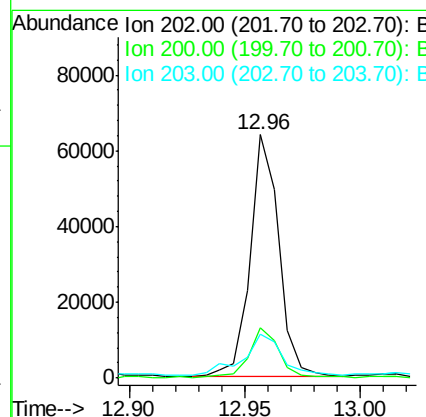
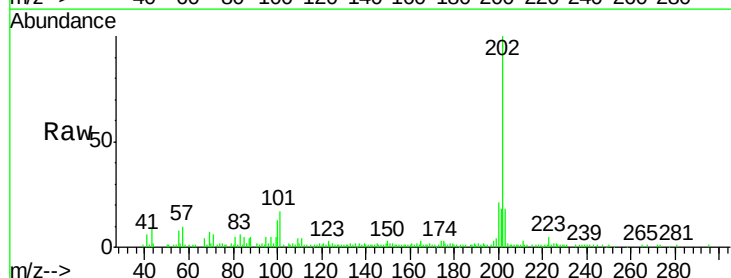
RT: 12.96 min Scan# 1848

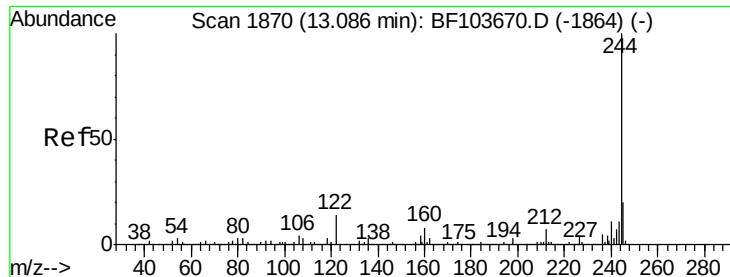
Delta R.T. -0.01 min

Lab File: BF103882.D

Acq: 23 Mar 2018 16:06

Tgt Ion:	202	Resp:	55700
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.4	26.2
203	18.1	14.3	21.5





#78

Terphenyl-d14

Concen: 70.659 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BF103882.D

Acq: 23 Mar 2018 16:06

Instrument :

BNA_F

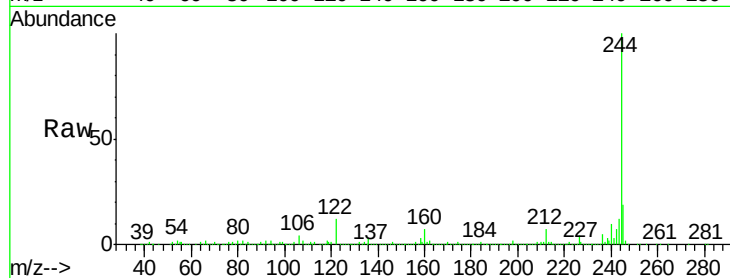
ClientSampleId :

AU-05-032218-D

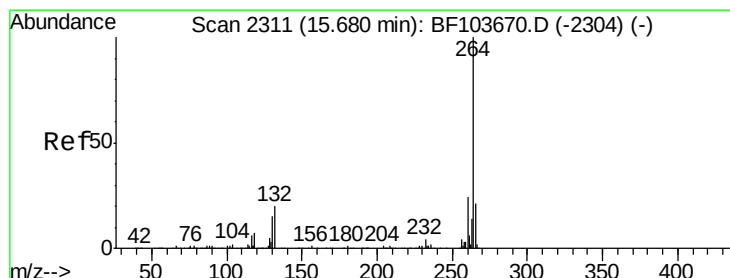
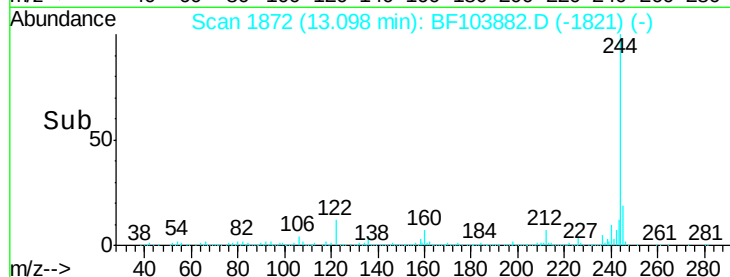
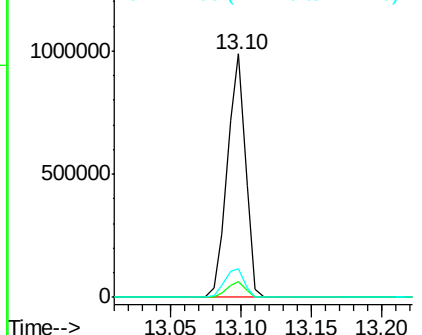
Tot Ion:	244	Resp:	883596
Ion Ratio		Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.0	11.0	16.4

Manual Integrations
APPROVED

Sohil
3/26/2018 4:33:05 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2316

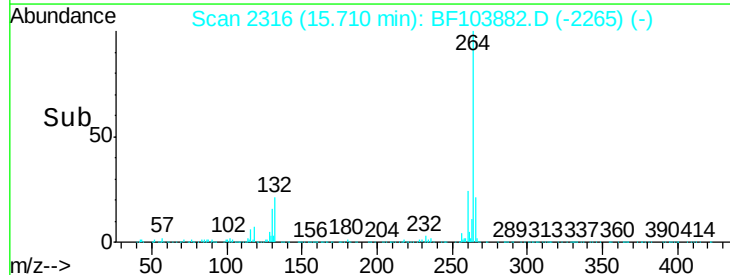
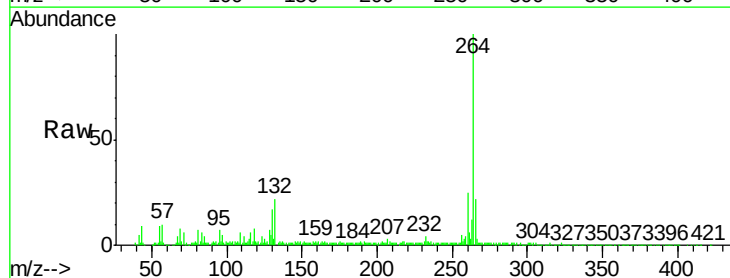
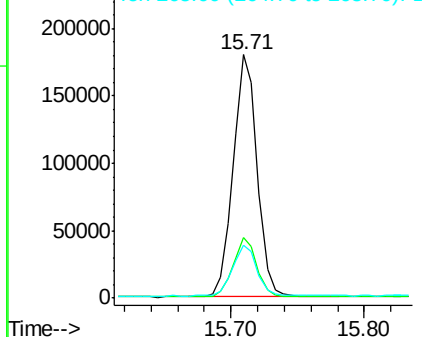
Delta R.T. -0.00 min

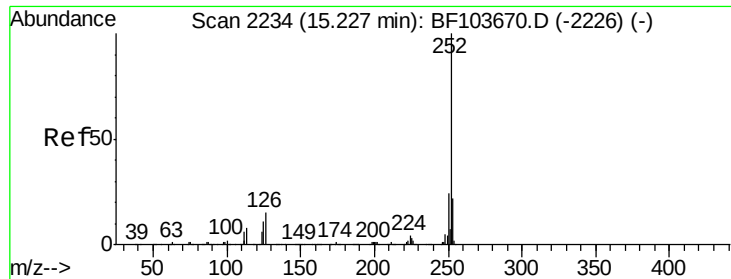
Lab File: BF103882.D

Acq: 23 Mar 2018 16:06

Tgt Ion:	264	Resp:	226205
Ion Ratio		Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.0	17.5	26.3

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: 2.204 ng m
 RT: 15.24 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF103882.D
 Acq: 23 Mar 2018 16:06

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.6	17.0	25.6#
125	32.5	9.0	13.6#

Manual Integrations
 APPROVED

Sohil
 3/26/2018 4:33:05 PM

