

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106368.D
 Acq On : 13 Jun 2018 3:05
 Operator : JU/SJ
 Sample : J3413-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-2RV

Manual Integrations
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Quant Time: Jun 13 04:55:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147577	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	515553	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	216605	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	405158	20.00	ng	0.00
75) Chrysene-d12	14.16	240	450243	20.00	ng	0.00
86) Perylene-d12	15.71	264	358286	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1115450	127.93	ng	0.04
7) Phenol-d6	6.62	99	1425165	129.37	ng	0.03
23) Nitrobenzene-d5	7.54	82	812952	92.76	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	304319	146.02	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1244883	112.74	ng	0.00
78) Terphenyl-d14	13.09	244	1383765	76.34	ng	0.00
Target Compounds						
31) Naphthalene	8.28	128	47811m	2.051	ng	Qvalue
37) 2-Methylnaphthalene	8.97	142	240116	15.127	ng	97
49) Dimethylphthalate	9.72	163	188160	12.159	ng	# 98
70) Phenanthrene	11.53	178	74530	3.756	ng	98

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

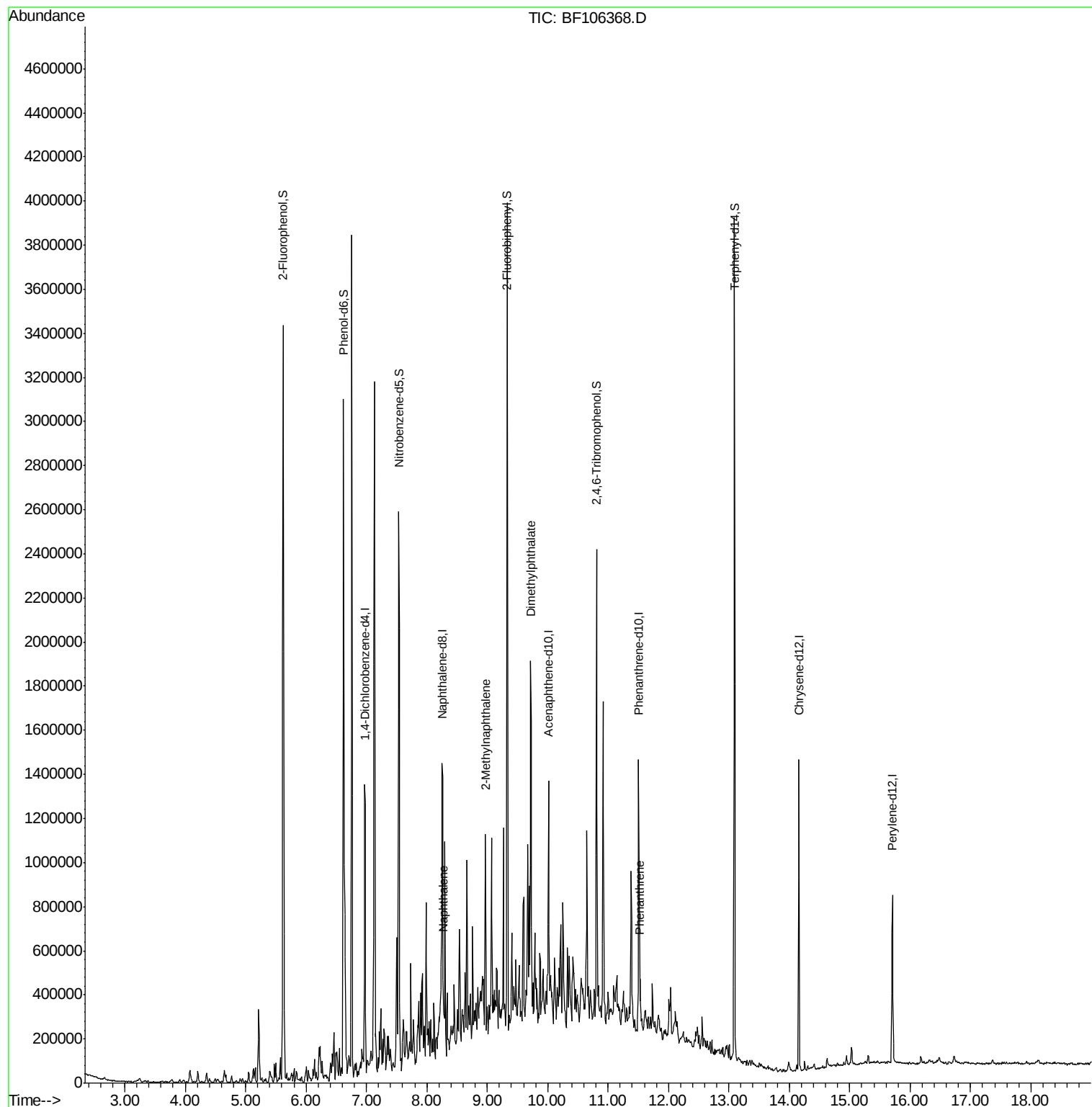
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106368.D
Acq On : 13 Jun 2018 3:05
Operator : JU/SJ
Sample : J3413-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

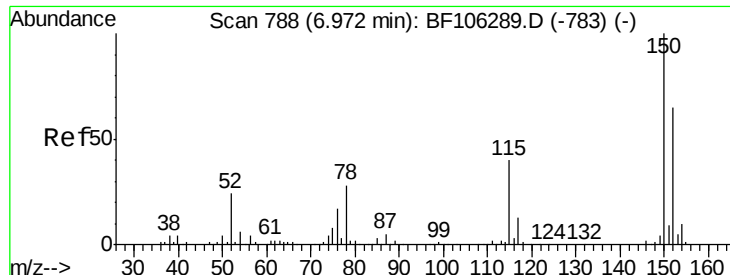
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Jun 13 04:55:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
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#1

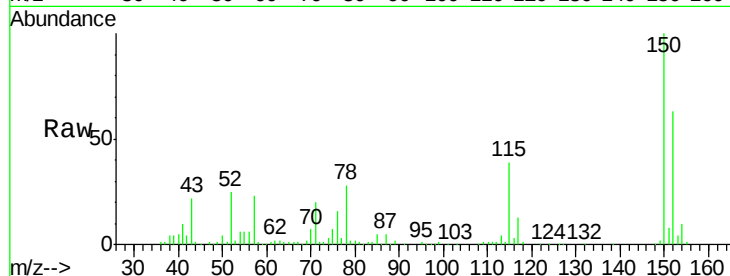
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106368.D
Acq: 13 Jun 2018 3:05

Instrument :
BNA_F
ClientSampleId :
D-2RV

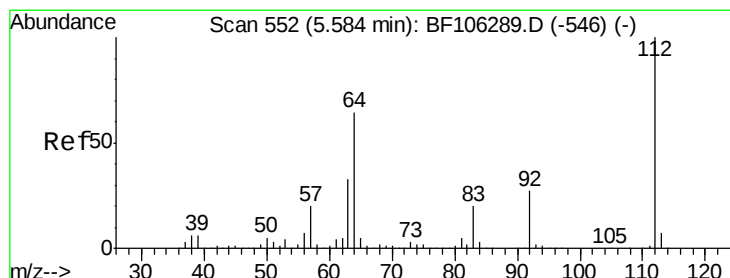
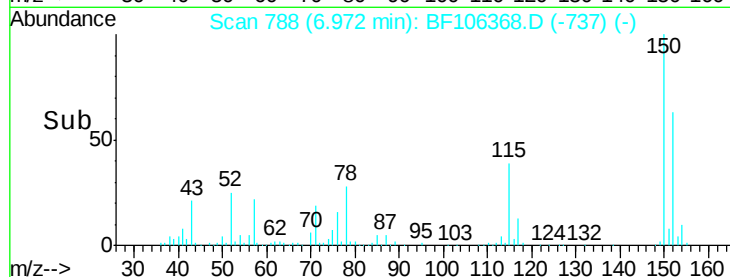
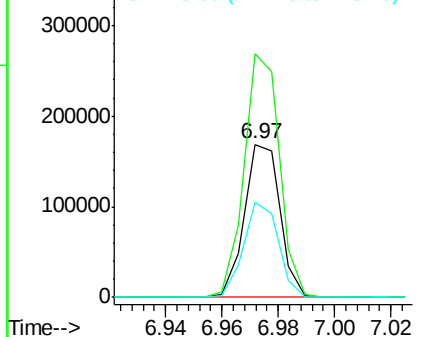
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	62.5	50.1	75.1

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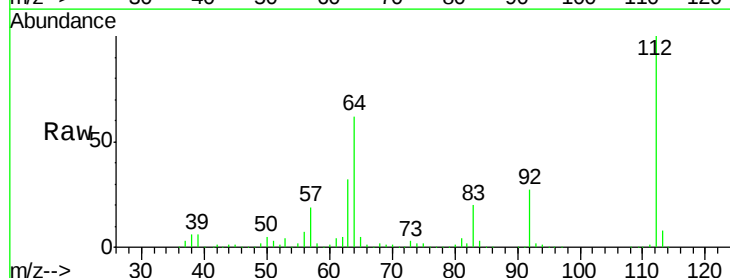
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



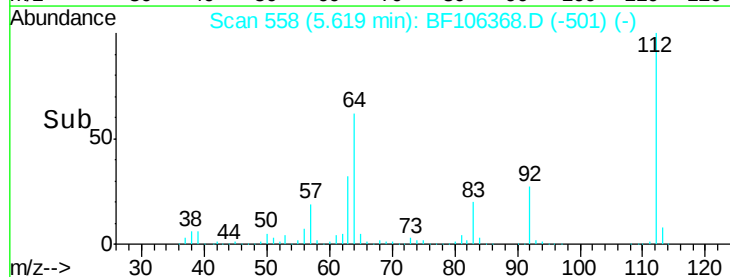
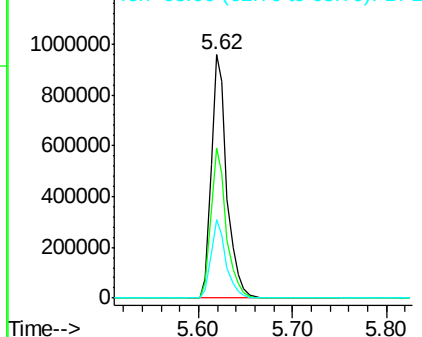
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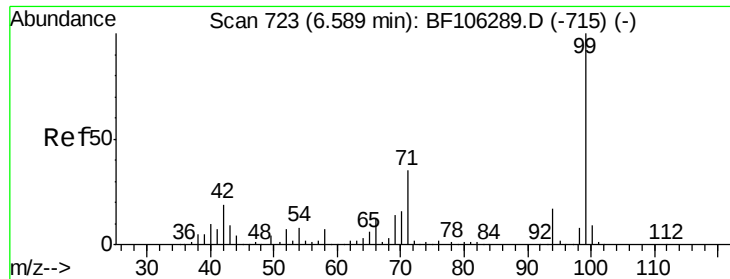
2-Fluorophenol
Concen: 127.926 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.04 min
Lab File: BF106368.D
Acq: 13 Jun 2018 3:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	47.9	71.9
63	32.0	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: 129.369 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.03 min

Lab File: BF106368.D

Acq: 13 Jun 2018 3:05

Instrument :

BNA_F

ClientSampled :

D-2RV

Tot Ion: 99 Resp: 1425165

Ion Ratio Lower Upper

99 100

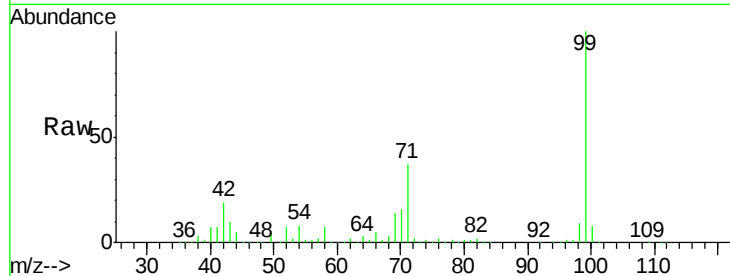
42 18.9 14.5 21.7

71 37.0 25.4 38.0

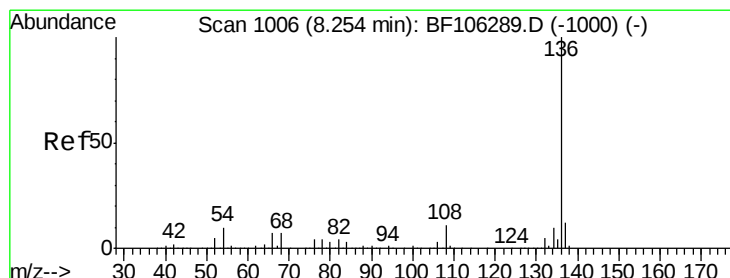
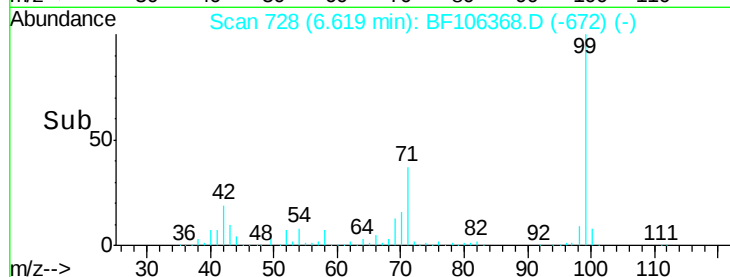
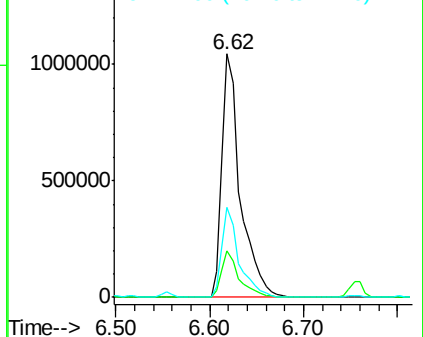
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF106368.D

Acq: 13 Jun 2018 3:05

Tgt Ion: 136 Resp: 515553

Ion Ratio Lower Upper

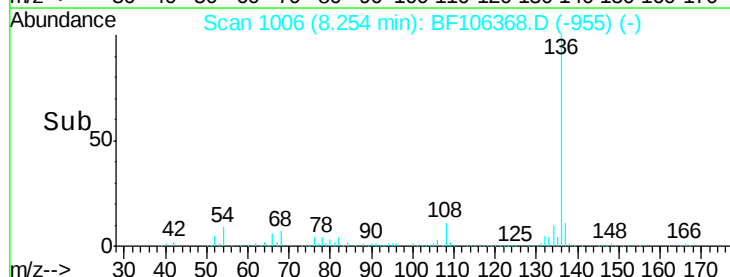
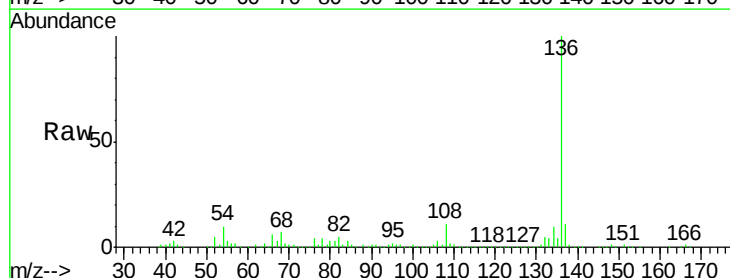
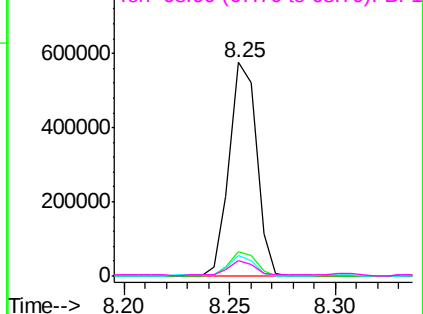
136 100

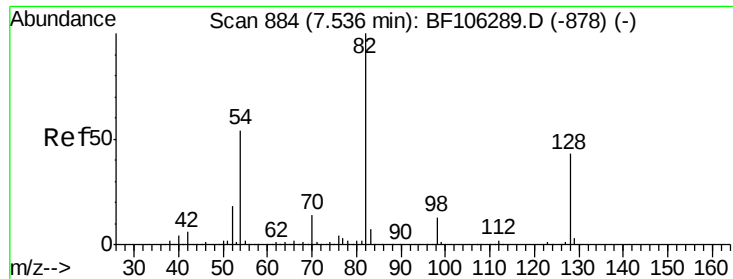
137 11.1 8.9 13.3

54 9.5 6.6 9.8

68 7.5 5.0 7.4#

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





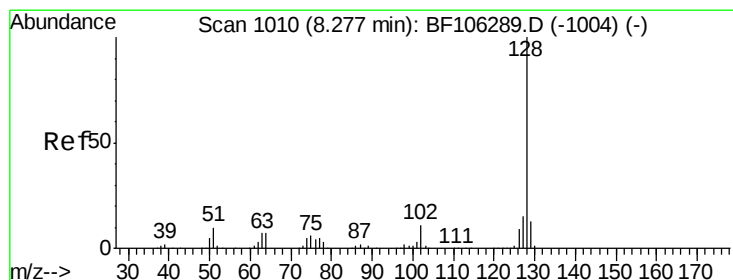
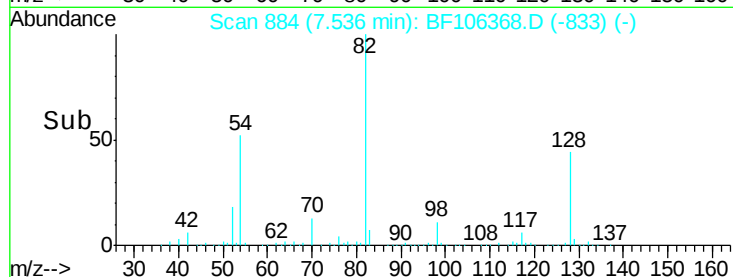
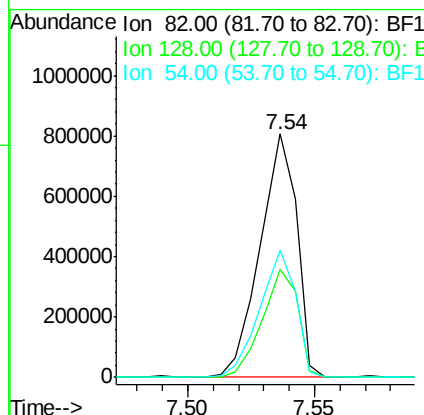
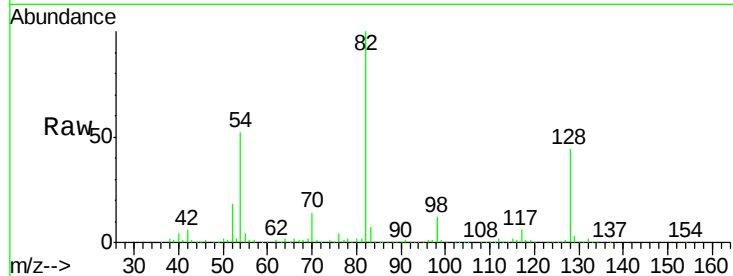
#23
 Nitrobenzene-d5
 Concen: 92.764 ng
 RT: 7.54 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF106368.D
 Acq: 13 Jun 2018 3:05

Instrument :
 BNA_F
 ClientSampled :
 D-2RV

Tot Ion	82	Resp	812952
Ion Ratio	100	Lower	Upper
128	44.2	36.1	54.1
54	52.2	41.4	62.2

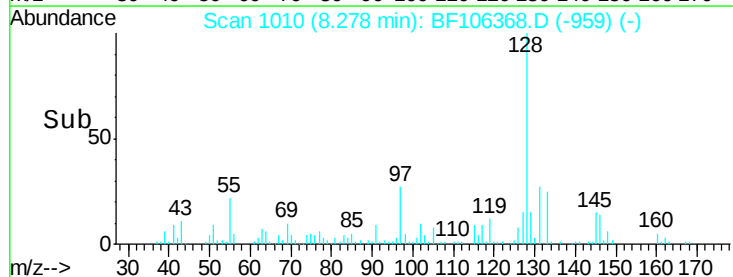
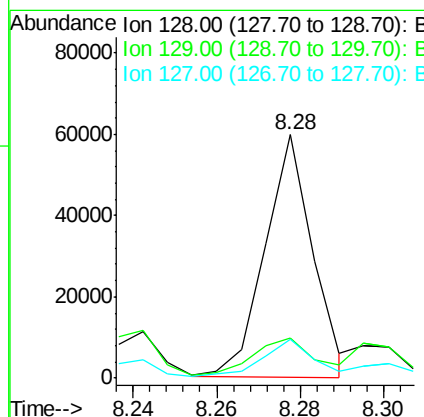
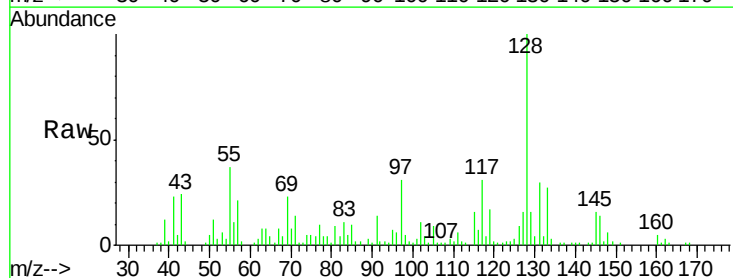
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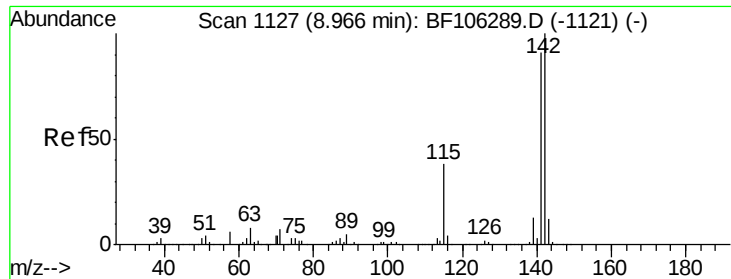
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#31
 Naphthalene
 Concen: 2.051 ng m
 RT: 8.28 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF106368.D
 Acq: 13 Jun 2018 3:05

Tgt Ion	128	Resp	47811
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
129	16.2	8.8	13.2#
127	16.0	10.9	16.3





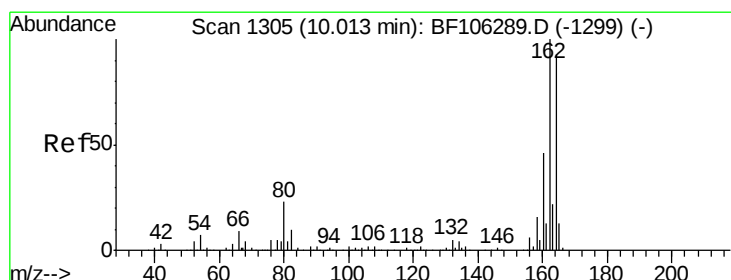
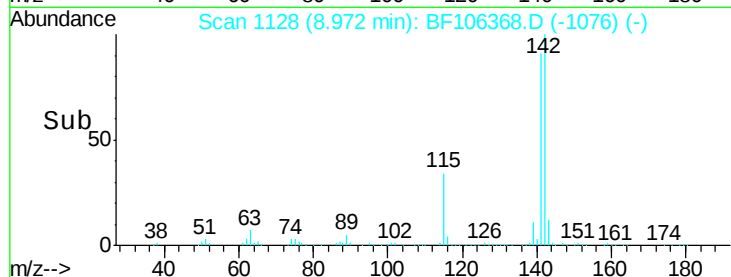
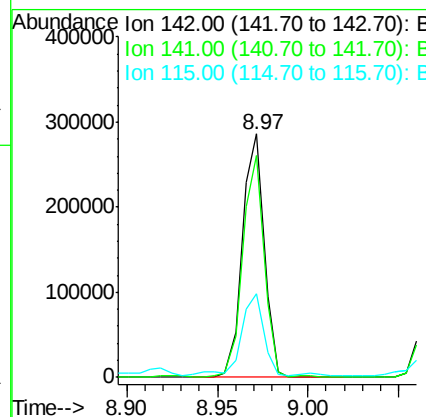
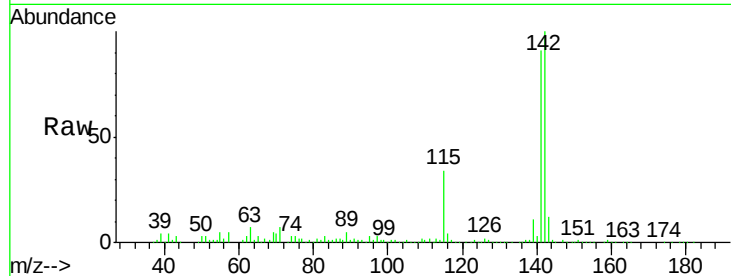
#37
 2-Methylnaphthalene
 Concen: 15.127 ng
 RT: 8.97 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF106368.D
 Acq: 13 Jun 2018 3:05

Instrument :
 BNA_F
 ClientSampleId :
 D-2RV

Tot Ion	Ratio	Resp	Lower	Upper
142	100	240116		
141	91.3	70.8	106.2	
115	34.3	26.1	39.1	

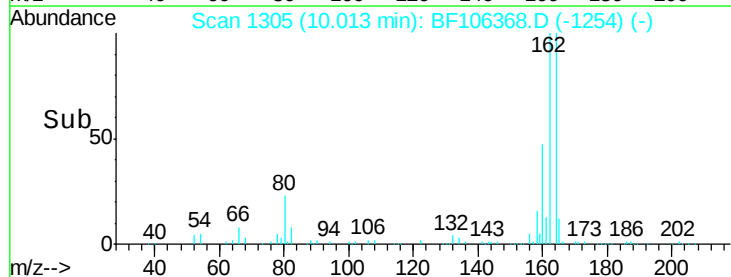
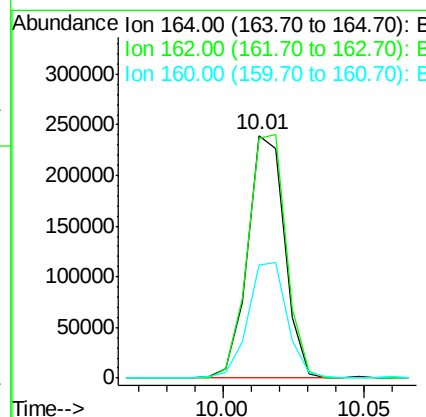
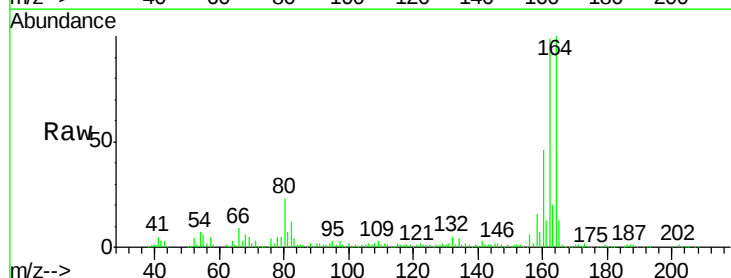
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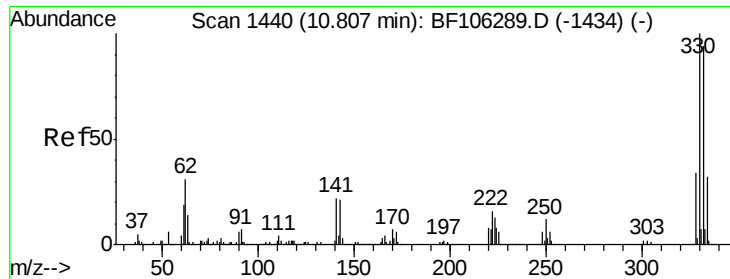
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF106368.D
 Acq: 13 Jun 2018 3:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	216605		
162	98.6	86.1	129.1	
160	46.4	38.3	57.5	





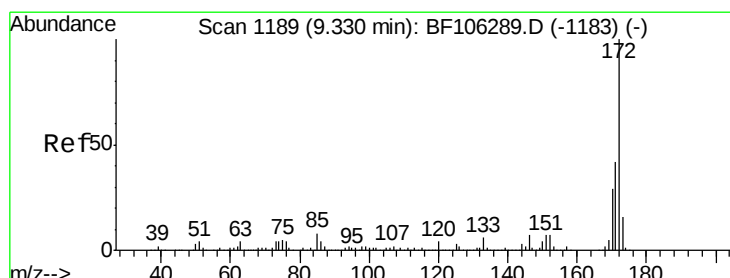
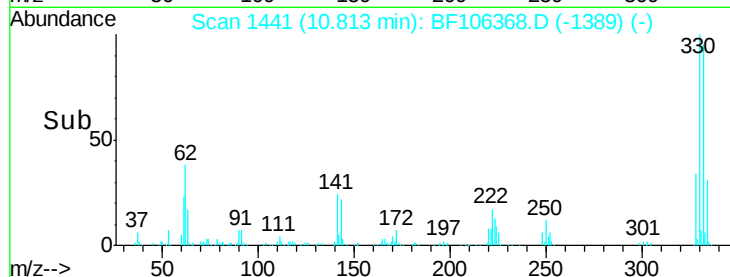
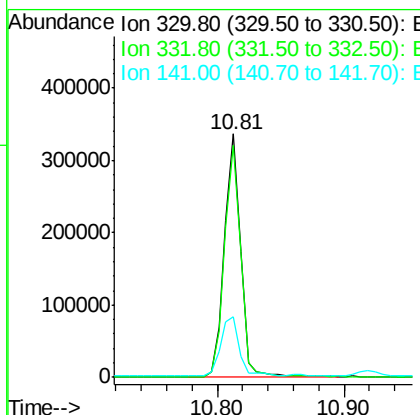
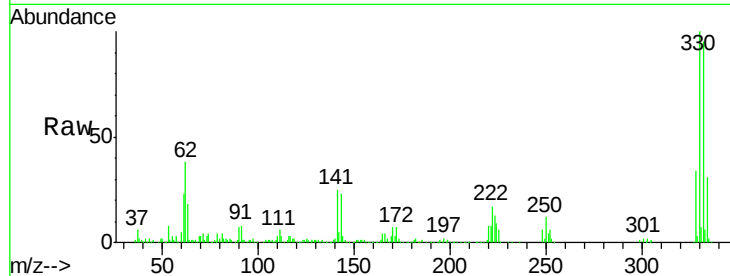
#41
 2,4,6-Tribromophenol
 Concen: 146.018 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF106368.D
 Acq: 13 Jun 2018 3:05

Instrument :
 BNA_F
 ClientSampled :
 D-2RV

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	77.0	115.6	
141	27.7	29.9	44.9	

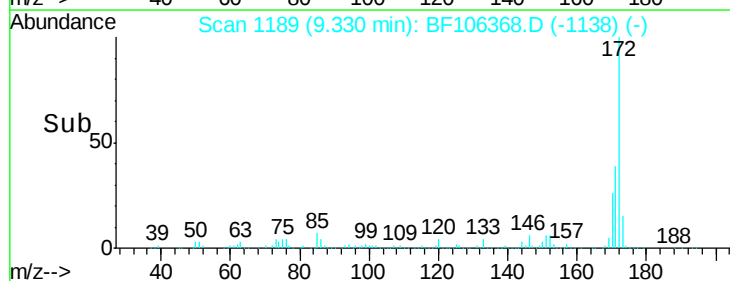
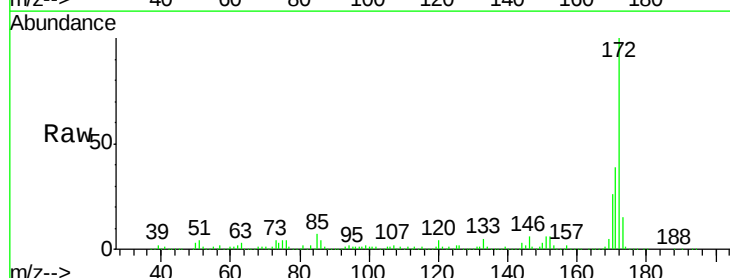
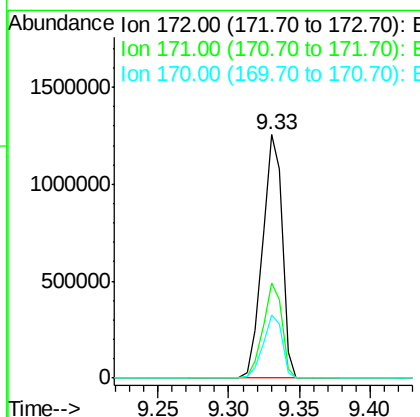
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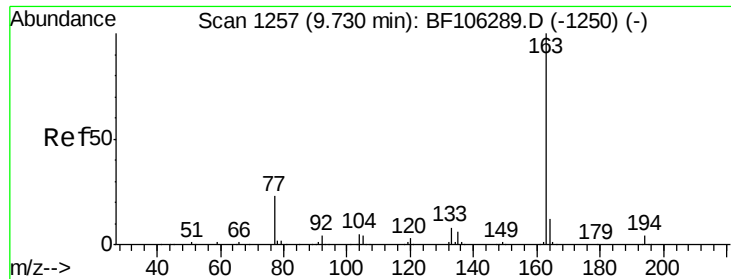
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#44
 2-Fluorobiphenyl
 Concen: 112.744 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106368.D
 Acq: 13 Jun 2018 3:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	38.9	29.7	44.5	
170	26.0	19.6	29.4	





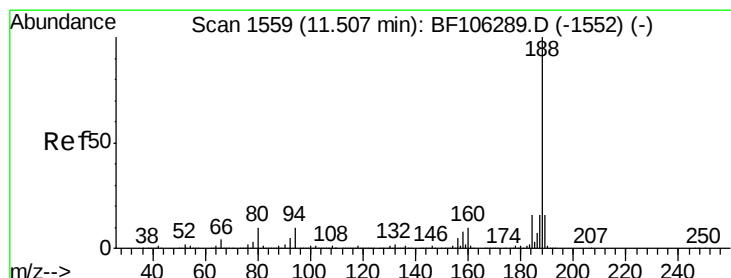
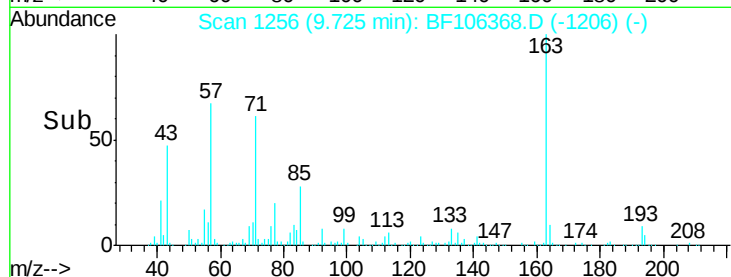
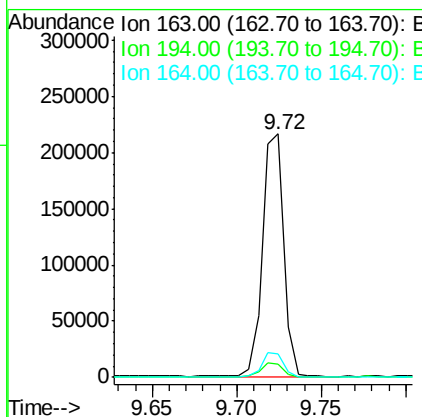
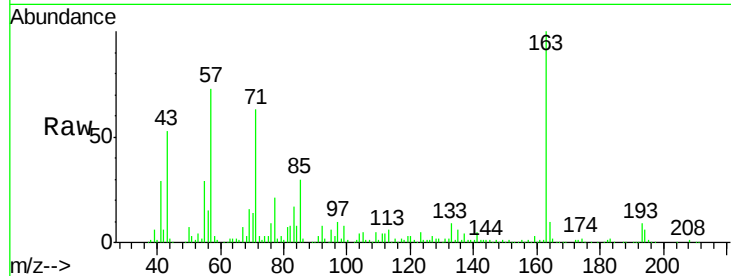
#49
Dimethylphthalate
Concen: 12.159 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF106368.D
Acq: 13 Jun 2018 3:05

Instrument :
BNA_F
ClientSampled :
D-2RV

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		188160		
194	5.6	2.7	4.1#		
164	9.8	8.2	12.2		

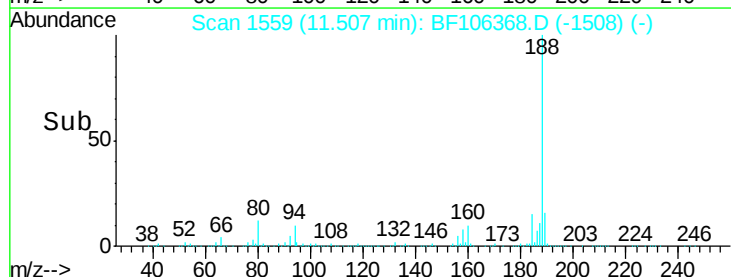
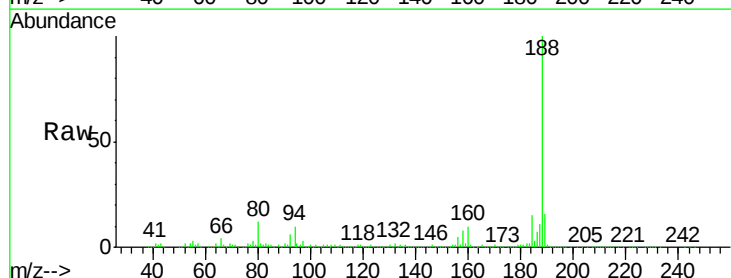
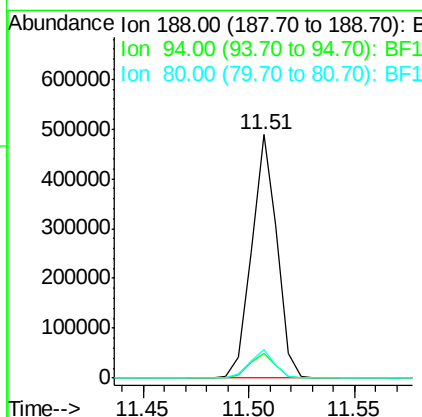
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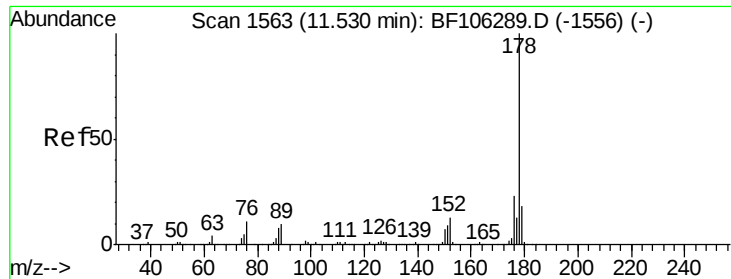
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF106368.D
Acq: 13 Jun 2018 3:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		405158		
94	10.0	8.5	12.7		
80	11.7	9.2	13.8		





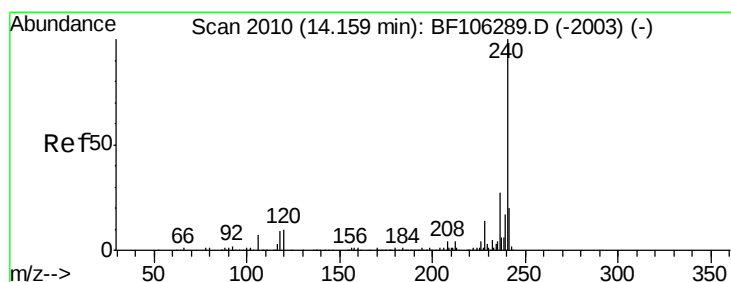
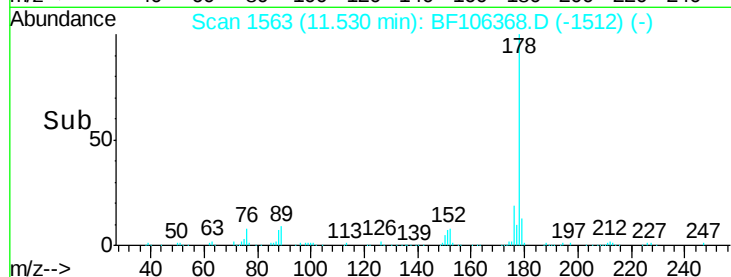
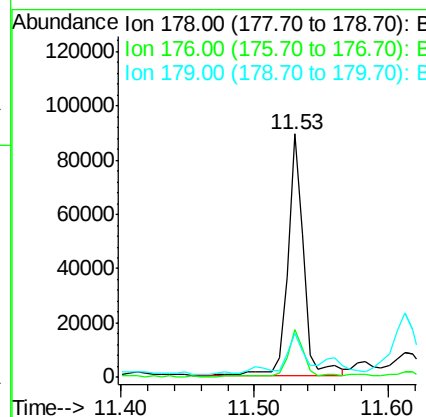
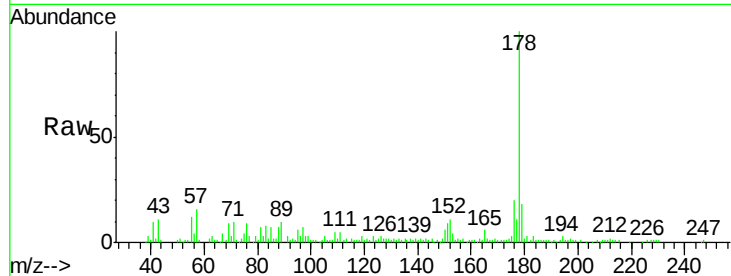
#70
Phenanthrene
Concen: 3.756 ng
RT: 11.53 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BF106368.D
Acq: 13 Jun 2018 3:05

Instrument :
BNA_F
ClientSampleId :
D-2RV

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100				
176	19.8	15.8	23.8		
179	18.0	13.0	19.6		

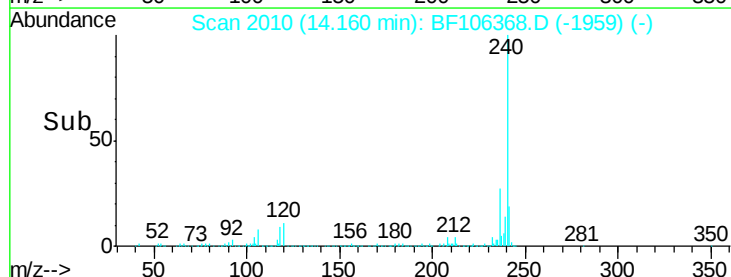
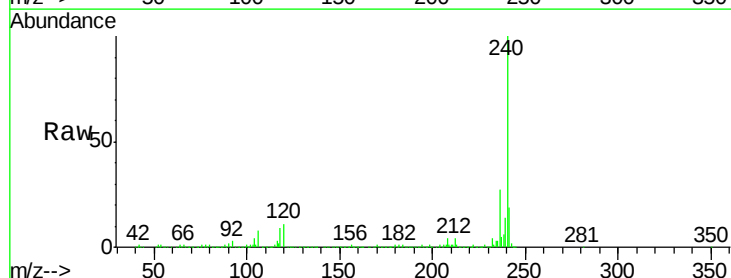
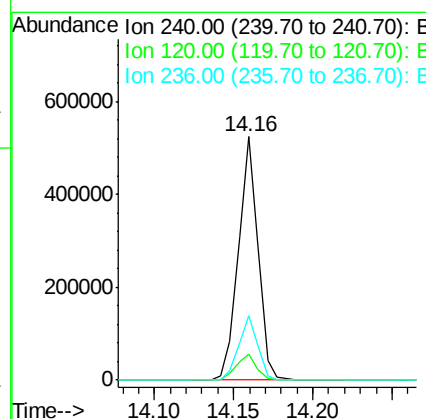
Manual Integrations
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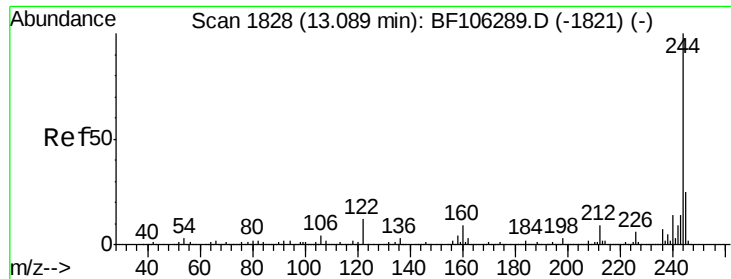
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF106368.D
Acq: 13 Jun 2018 3:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	10.6	9.5	14.3		
236	26.6	20.7	31.1		





#78

Terphenyl-d14

Concen: 76.336 ng

RT: 13.09 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF106368.D

Acq: 13 Jun 2018 3:05

Instrument :

BNA_F

ClientSampleId :

D-2RV

Tot Ion:244 Resp: 1383765

Ion Ratio Lower Upper

244 100

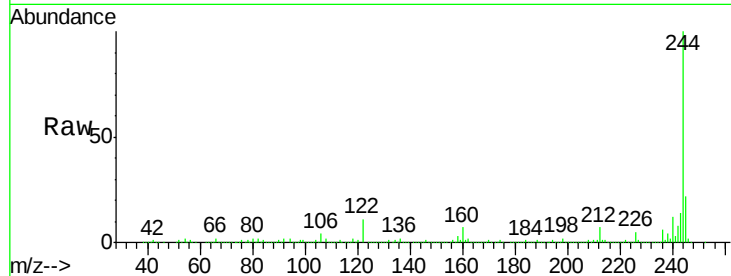
212 7.4 5.4 8.0

122 10.6 11.0 16.4#

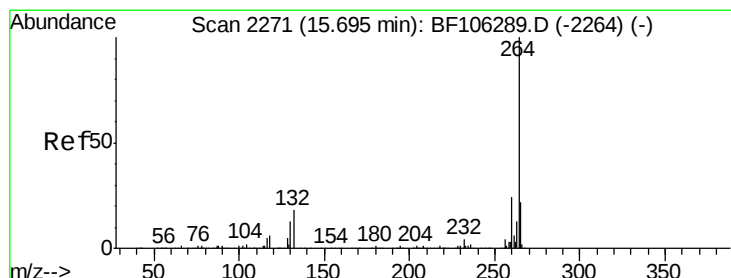
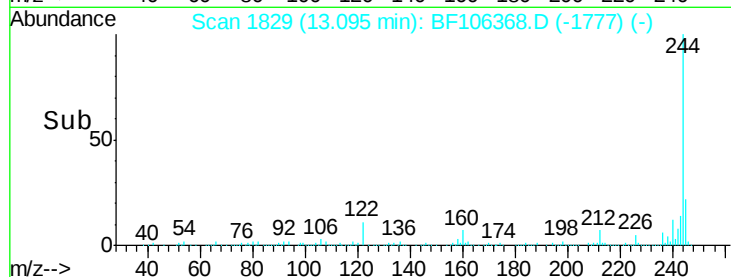
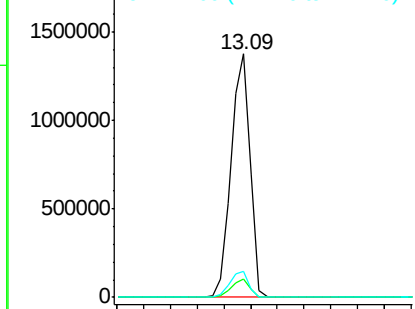
Manual Integrations
APPROVED

Sohil

6/13/2018 4:56:34 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# 2273

Delta R.T. 0.01 min

Lab File: BF106368.D

Acq: 13 Jun 2018 3:05

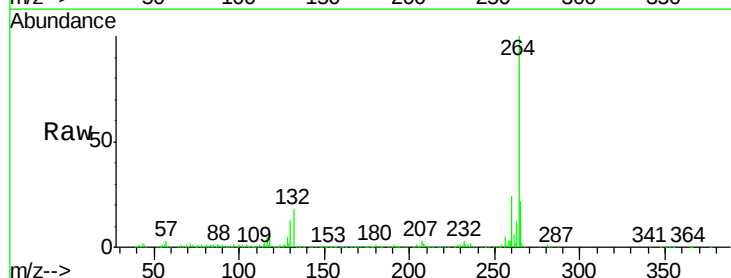
Tgt Ion:264 Resp: 358286

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.1 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

