

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104263.D
 Acq On : 5 Apr 2018 8:56
 Operator : JU/SJ
 Sample : J2179-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 032918-DBRI-F-U-M

Manual Integrations
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Sohil
 4/5/2018 4:39:29 PM

Quant Time: Apr 05 11:14:44 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	6.96	152	105748	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	461359	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	209604	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	326944	20.00	ng	0.00
75) Chrysene-d12	14.14	240	229590	20.00	ng	0.00
86) Perylene-d12	15.67	264	204637	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	223090m	33.64	ng	0.01
7) Phenol-d6	6.62	99	195138m	23.92	ng	0.02
23) Nitrobenzene-d5	7.52	82	678375	89.92	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	164530	70.49	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1318396	99.19	ng	0.00
78) Terphenyl-d14	13.06	244	927915	93.32	ng	0.00

Target Compounds Qvalue

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

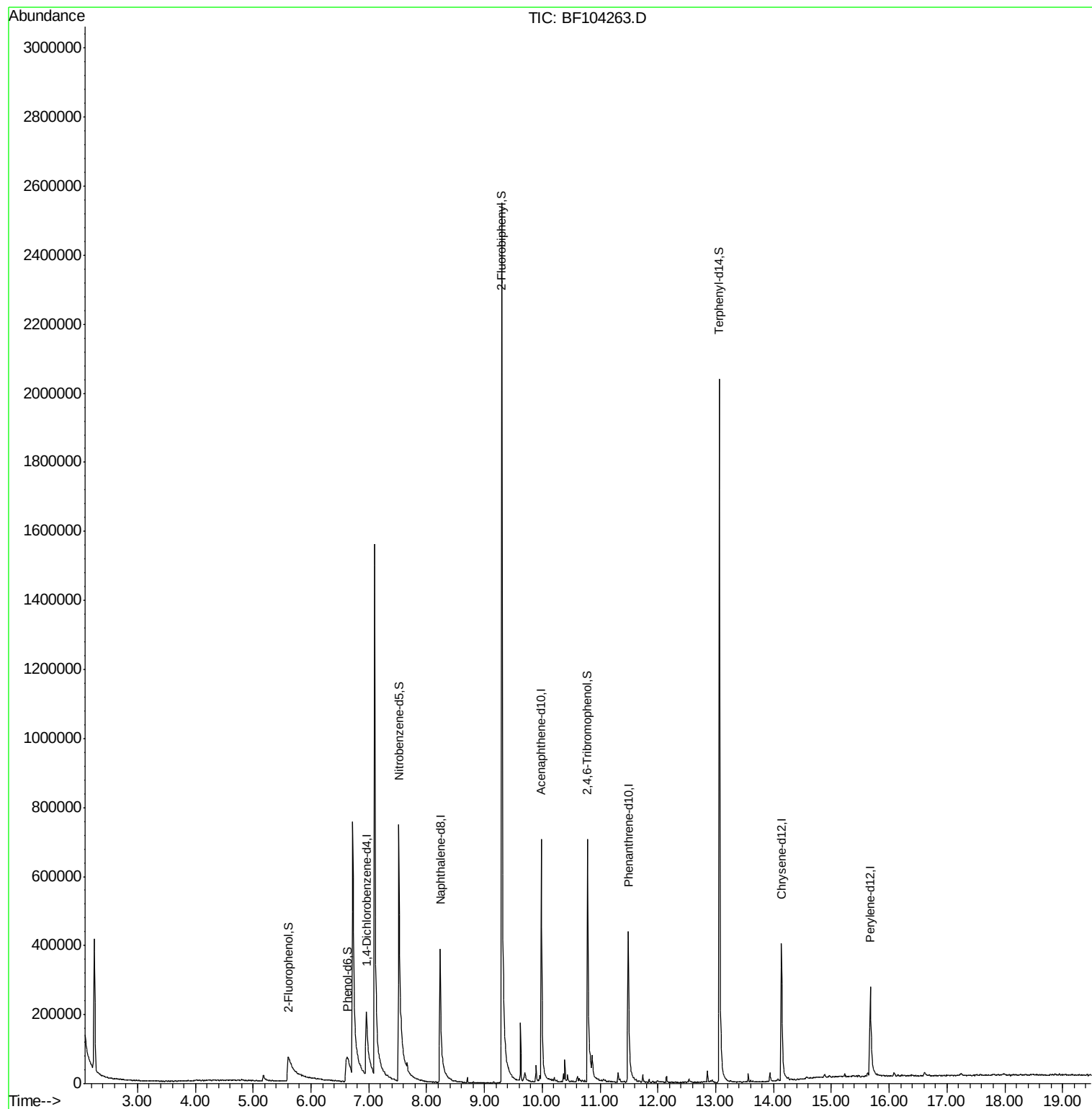
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
Data File : BF104263.D
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Misc :
ALS Vial : 39 Sample Multiplier: 1

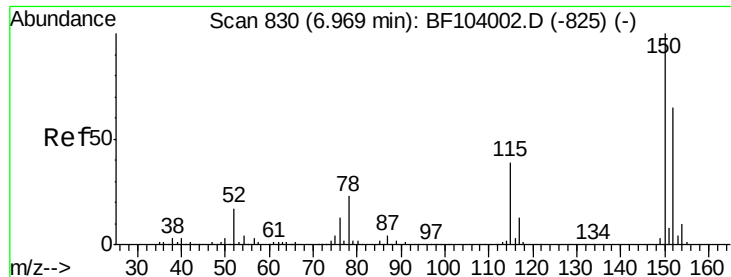
Instrument :
BNA_F
ClientSampleId :
032918-DBRI-F-U-M

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Quant Time: Apr 05 11:14:44 2018
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#1

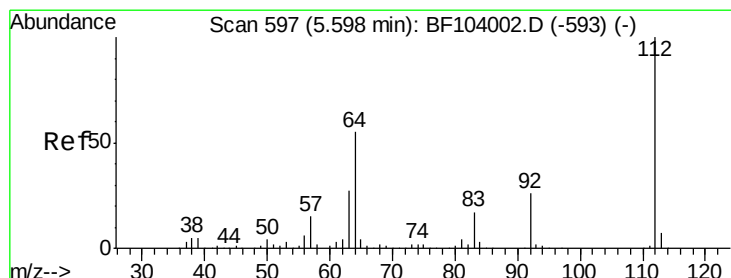
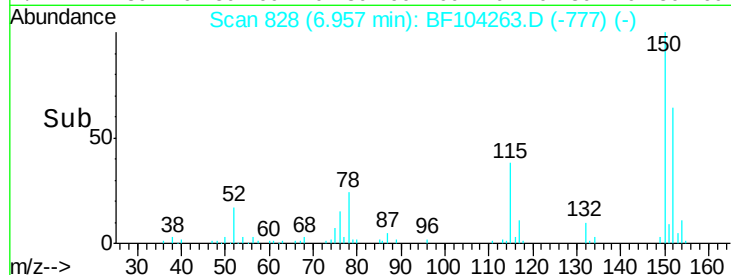
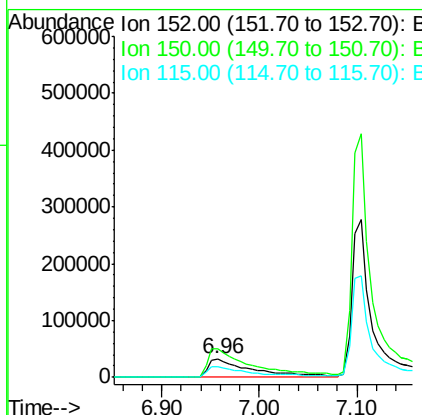
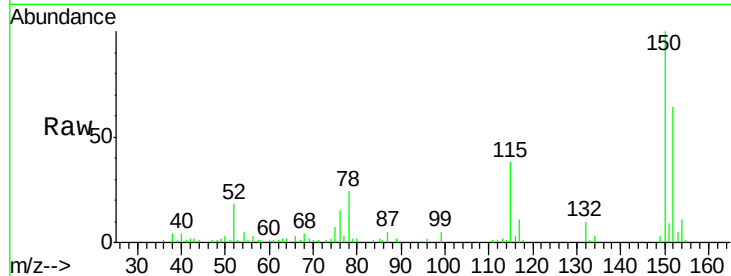
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF104263.D
 Acq: 5 Apr 2018 8:56

Instrument :
 BNA_F
 ClientSampleId :
 032918-DBRI-F-U-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	59.2	50.1	75.1

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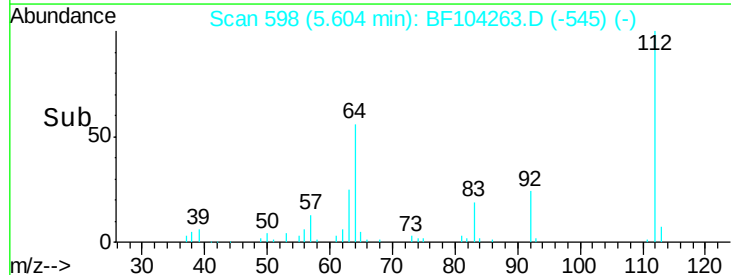
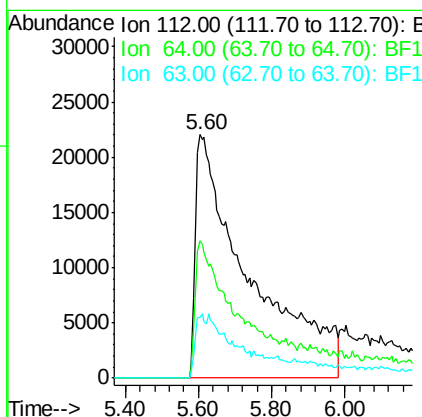
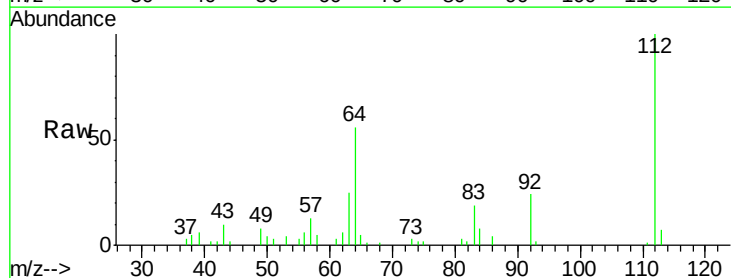
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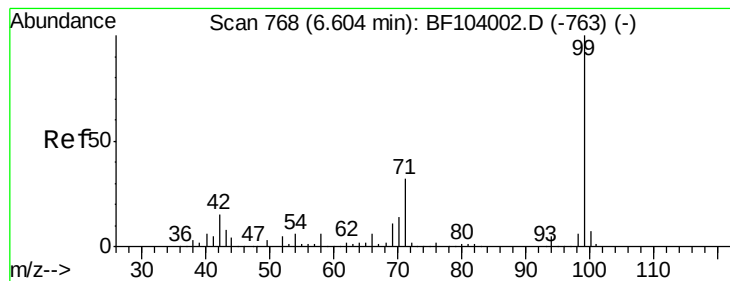


#5

2-Fluorophenol
 Concen: 33.643 ng m
 RT: 5.60 min Scan# 598
 Delta R.T. 0.01 min
 Lab File: BF104263.D
 Acq: 5 Apr 2018 8:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	25.0	23.7	35.5





#7

Phenol-d6

Concen: 23.919 ng/mL

RT: 6.62 min Scan# 771

Delta R.T. 0.02 min

Lab File: BF104263.D

Acq: 5 Apr 2018 8:56

Instrument :

BNA_F

ClientSampleId :

032918-DBRI-F-U-M

Tot Ion: 99 Resp: 195138

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

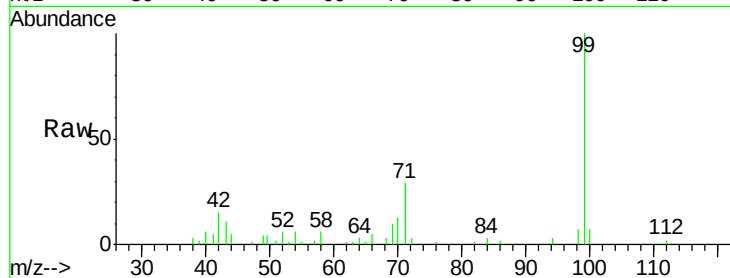
71 29.0 25.4 38.0

Manual Integrations

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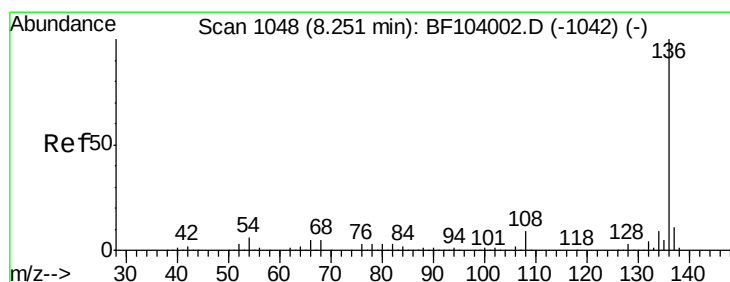
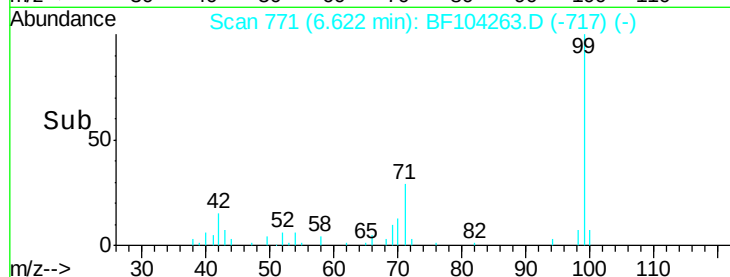
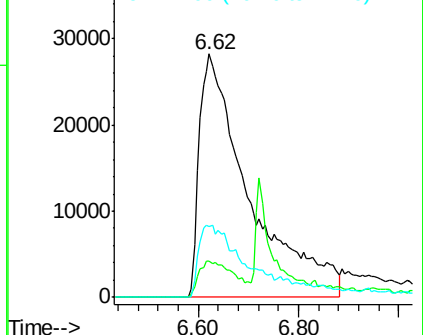
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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/mL

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF104263.D

Acq: 5 Apr 2018 8:56

Tgt Ion: 136 Resp: 461359

Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.6 6.6 9.8

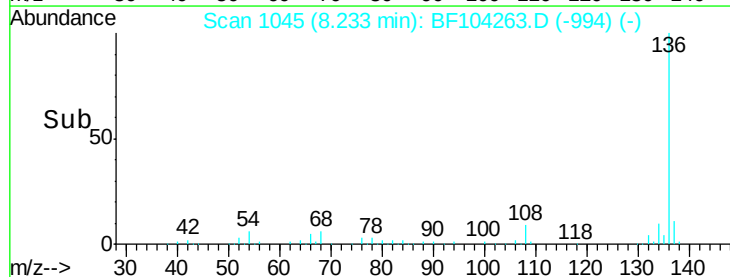
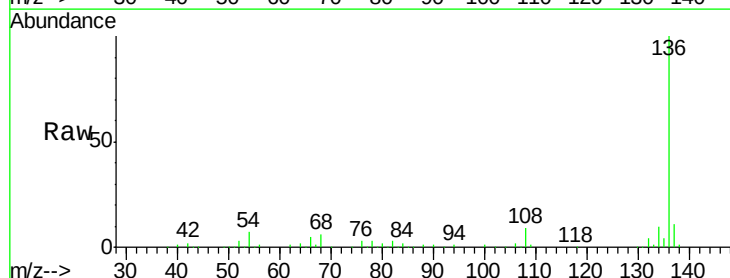
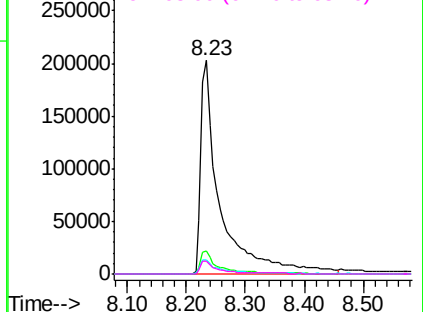
68 6.0 5.0 7.4

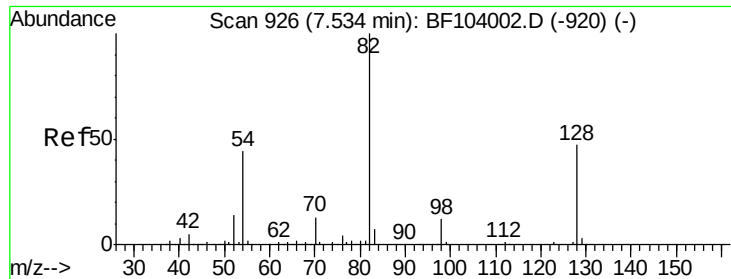
Abundance Ion 136.00 (135.70 to 136.70): E

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





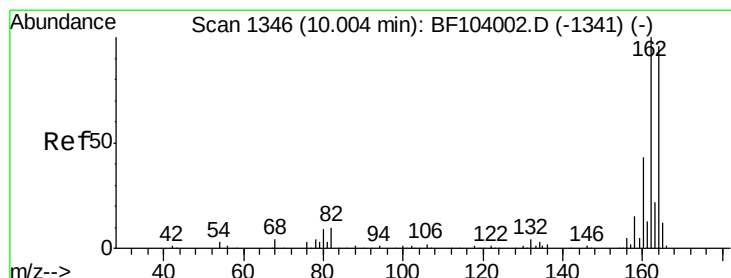
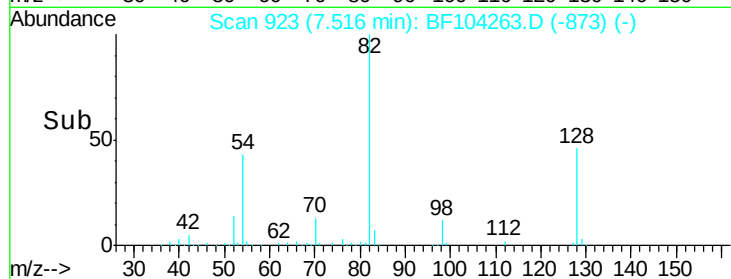
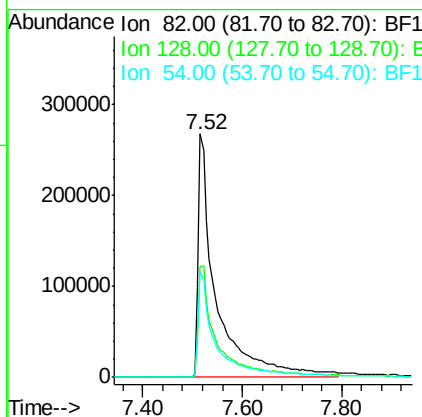
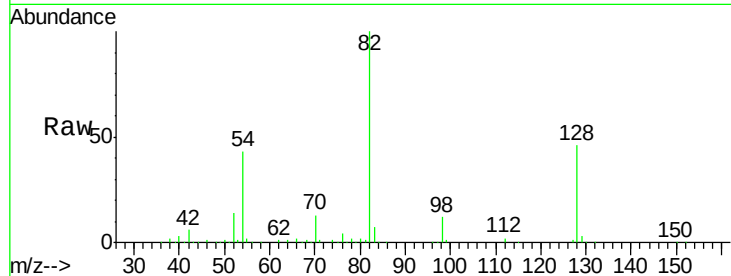
#23
 Nitrobenzene-d5
 Concen: 89.922 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF104263.D
 Acq: 5 Apr 2018 8:56

Instrument :
 BNA_F
 ClientSampleId :
 032918-DBRI-F-U-M

Tot Ion	82	Resp	678375
Ion Ratio	100	Lower	Upper
128	45.6	36.1	54.1
54	43.5	41.4	62.2

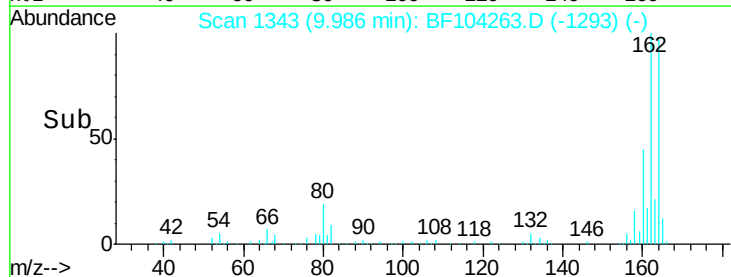
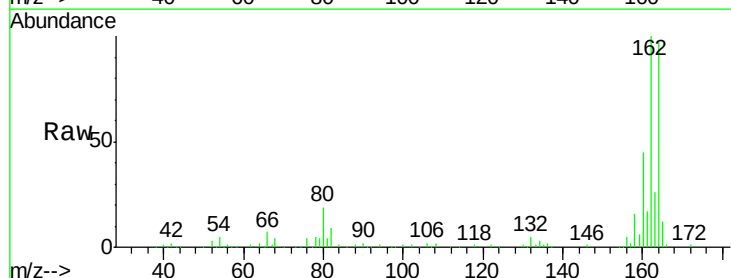
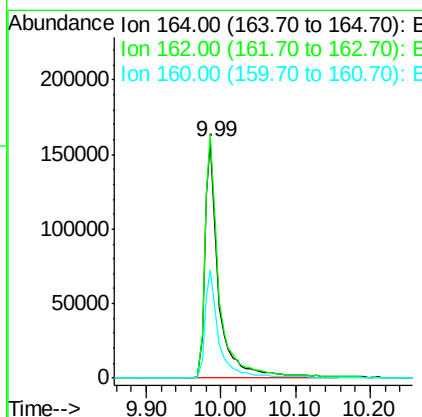
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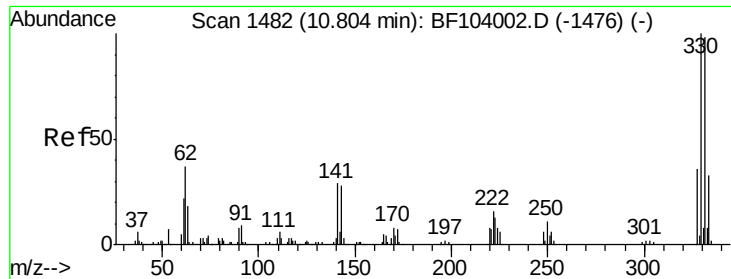
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF104263.D
 Acq: 5 Apr 2018 8:56

Tgt Ion	164	Resp	209604
Ion Ratio	100	Lower	Upper
162	102.9	86.1	129.1
160	45.9	38.3	57.5





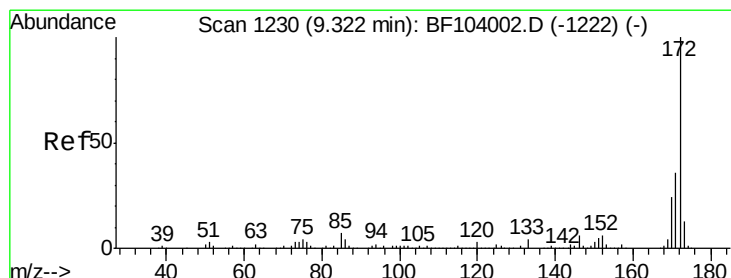
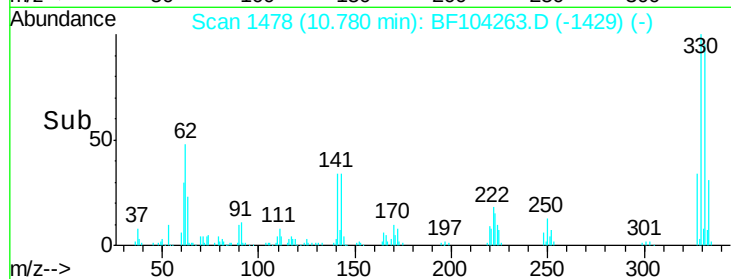
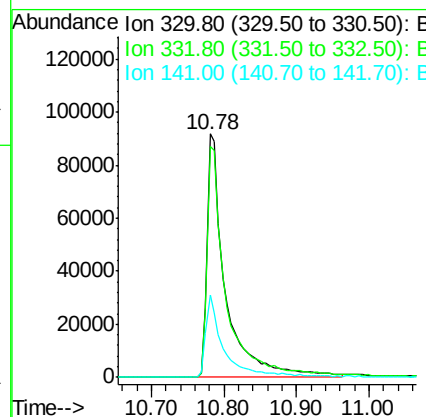
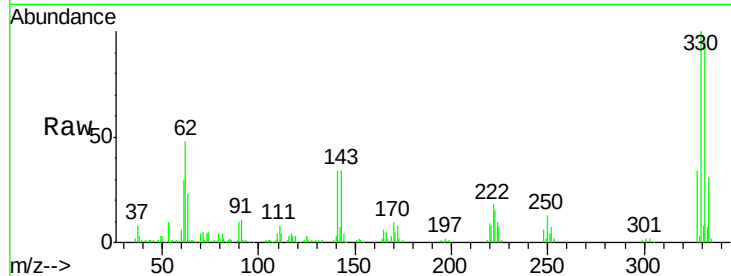
#41
 2,4,6-Tribromophenol
 Concen: 70.494 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF104263.D
 Acq: 5 Apr 2018 8:56

Instrument :
 BNA_F
 ClientSampleId :
 032918-DBRI-F-U-M

Tot Ion	Ratio	Resp	Lower	Upper
330	100	164530		
332	97.1	77.0	115.6	
141	31.7	29.9	44.9	

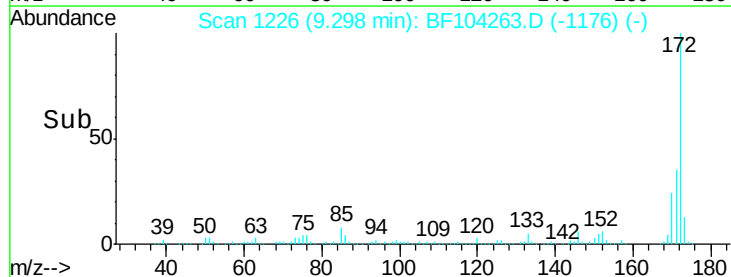
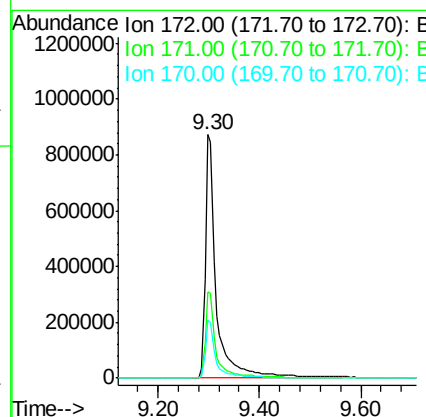
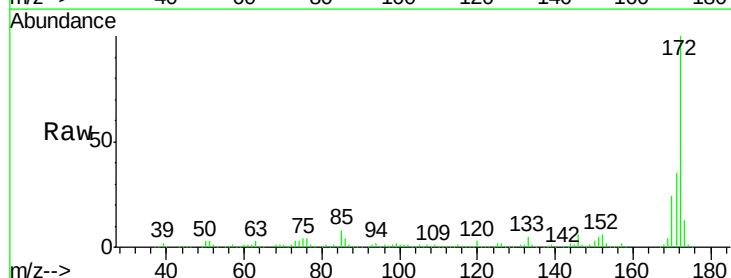
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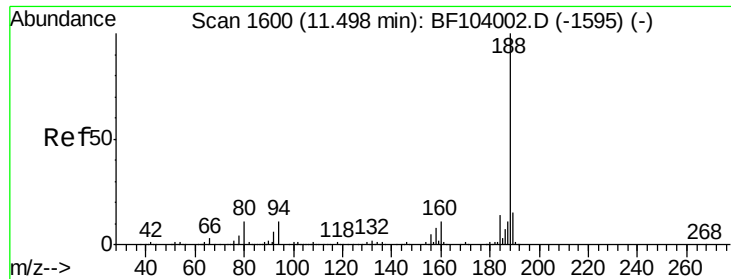
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#44
 2-Fluorobiphenyl
 Concen: 99.187 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF104263.D
 Acq: 5 Apr 2018 8:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1318396		
171	35.3	29.7	44.5	
170	24.0	19.6	29.4	





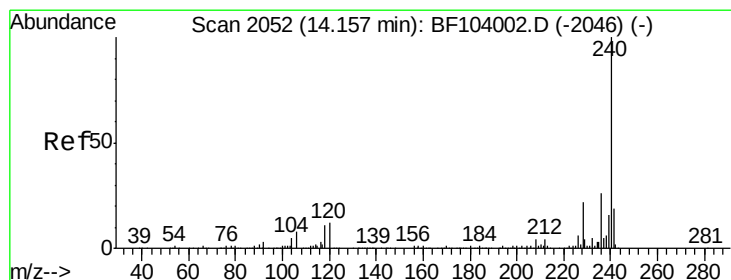
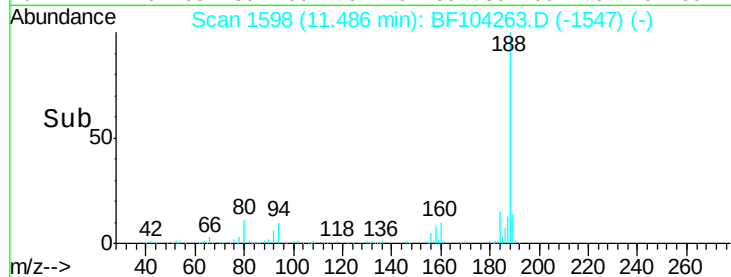
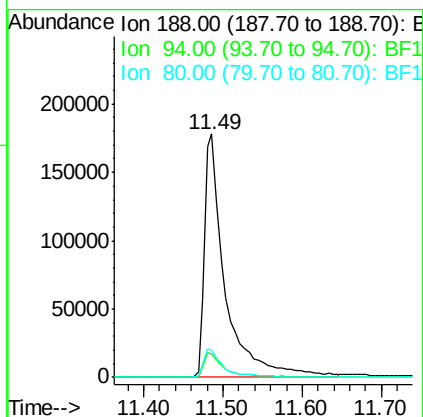
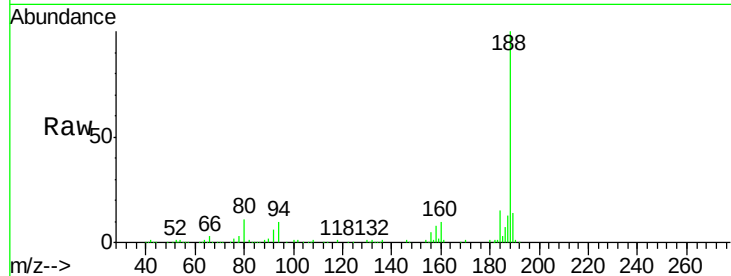
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF104263.D
Acq: 5 Apr 2018 8:56

Instrument :
BNA_F
ClientSampleId :
032918-DBRI-F-U-M

Tot Ion	Ratio	Resp	Lower	Upper
188	100	326944		
94	9.7		8.5	12.7
80	11.1		9.2	13.8

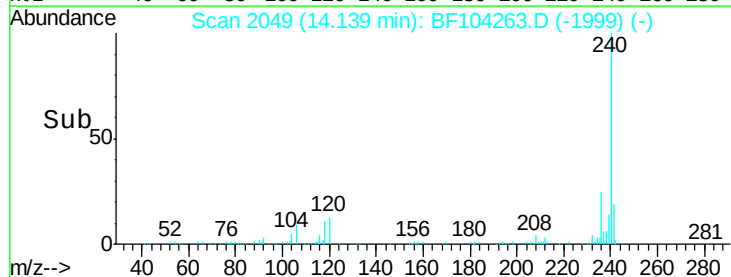
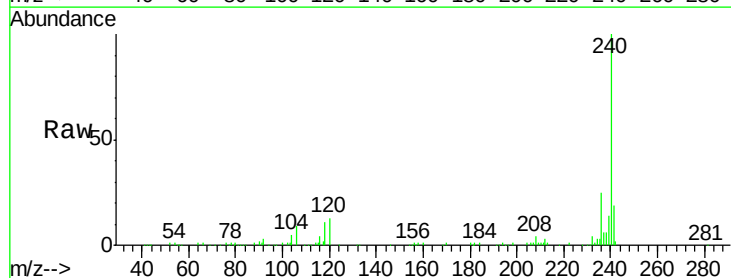
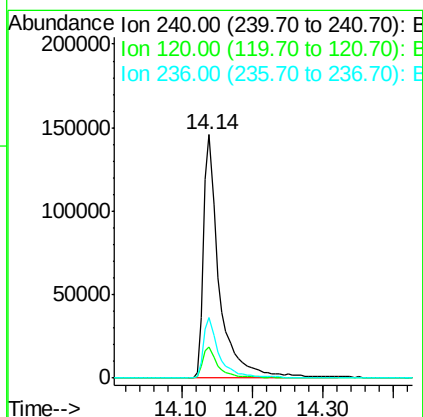
Manual Integrations
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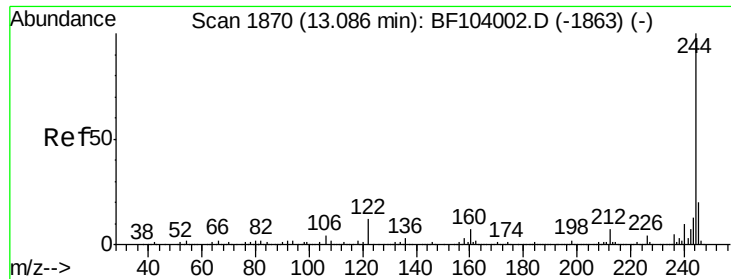
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104263.D
Acq: 5 Apr 2018 8:56

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	229590		
120	12.9		9.5	14.3
236	24.9		20.7	31.1





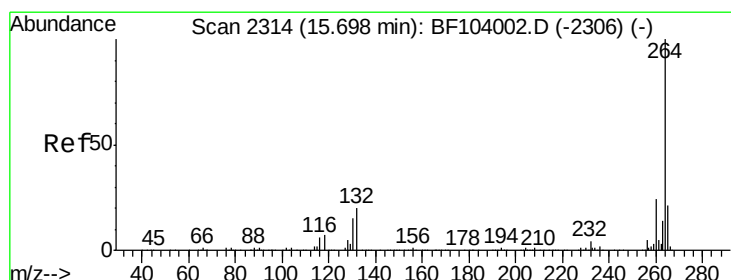
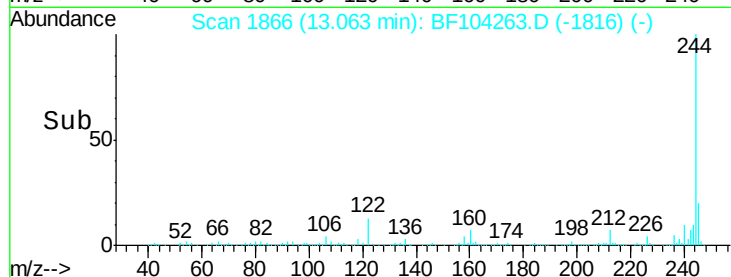
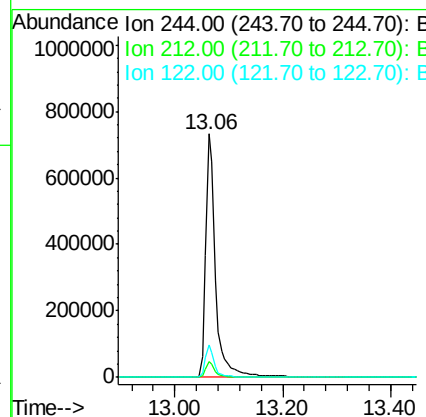
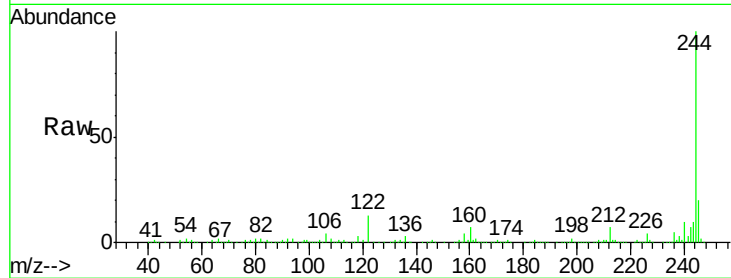
#78
 Terphenyl-d14
 Concen: 93.319 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF104263.D
 Acq: 5 Apr 2018 8:56

Instrument :
 BNA_F
 ClientSampleId :
 032918-DBRI-F-U-M

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

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BF104263.D
 Acq: 5 Apr 2018 8:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.1	17.5	26.3

