

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104265.D
 Acq On : 5 Apr 2018 9:49
 Operator : JU/SJ
 Sample : J2220-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-180403-06

Manual Integrations
 APPROVED

Sohil
 4/5/2018 4:39:34 PM

Quant Time: Apr 05 11:15:27 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	105526	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	470645	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	210618	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	335791	20.00	ng	0.00
75) Chrysene-d12	14.14	240	233322	20.00	ng	0.00
86) Perylene-d12	15.67	264	204577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	293975m	44.43	ng	0.01
7) Phenol-d6	6.60	99	288885m	35.49	ng	0.00
23) Nitrobenzene-d5	7.52	82	773817	100.55	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	196628	83.84	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1415713	106.00	ng	0.00
78) Terphenyl-d14	13.07	244	1051001	104.01	ng	0.00

Target Compounds Qvalue

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

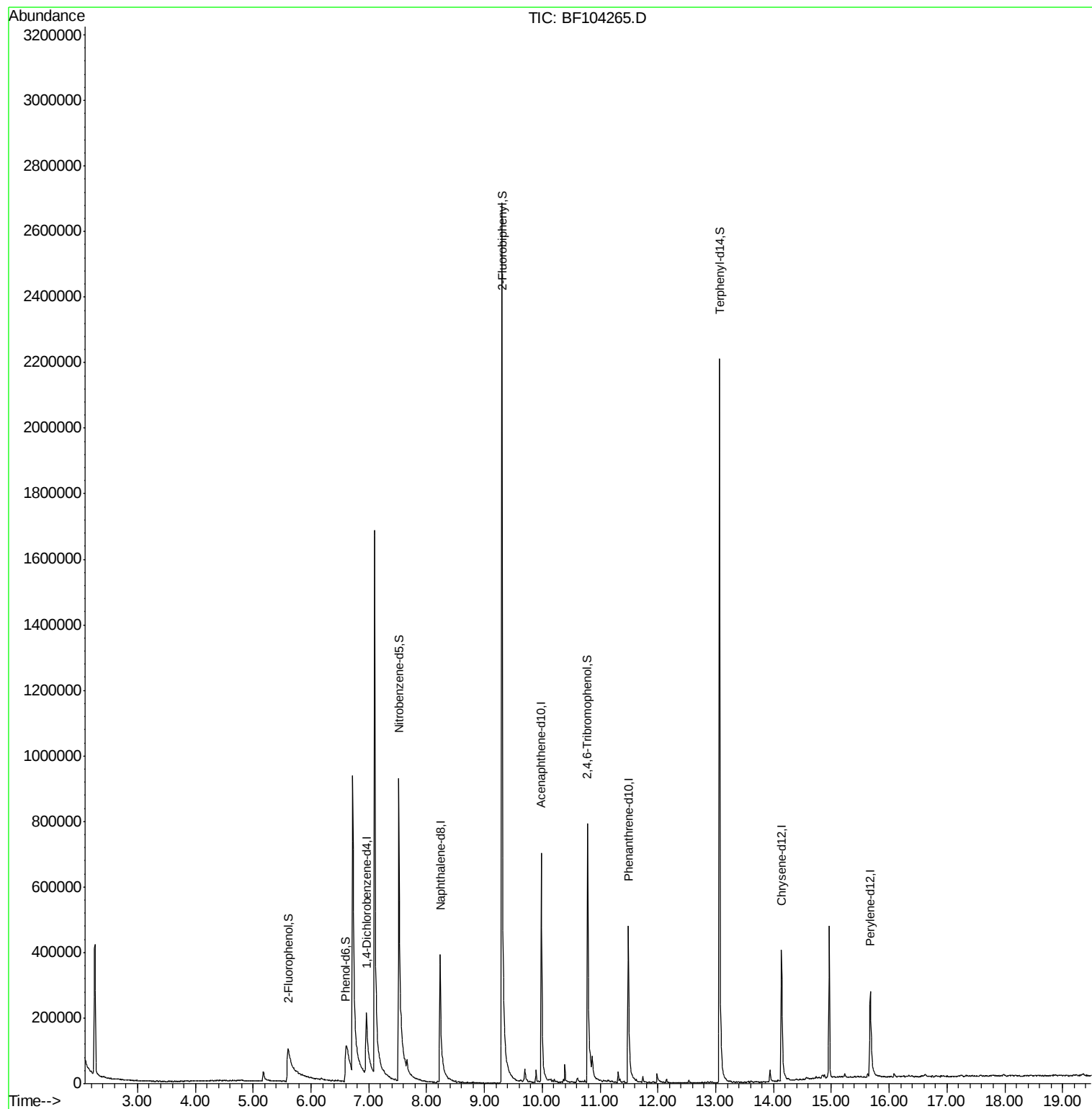
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
Data File : BF104265.D
Acq On : 5 Apr 2018 9:49
Operator : JU/SJ
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Misc :
ALS Vial : 41 Sample Multiplier: 1

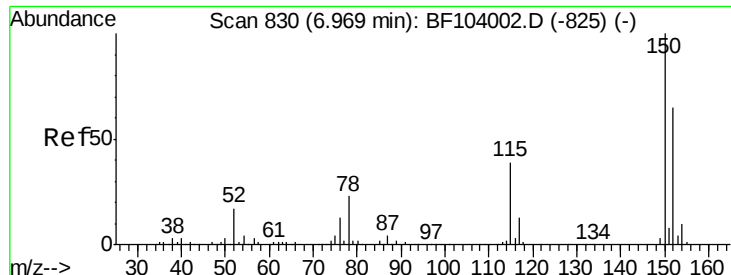
Instrument :
BNA_F
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Response via : Initial Calibration





#1

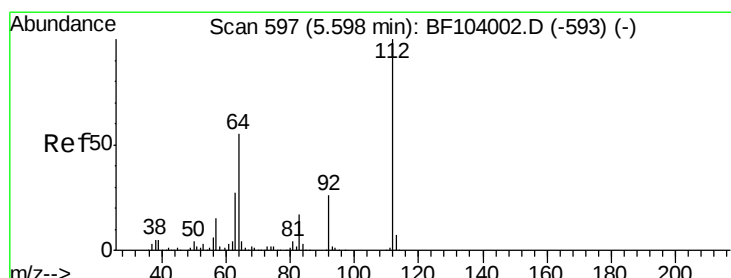
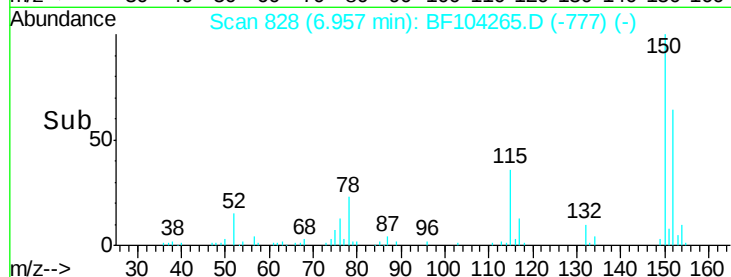
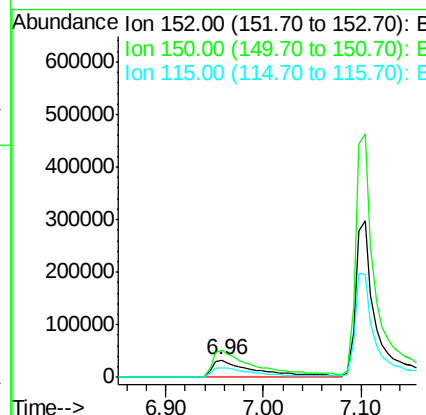
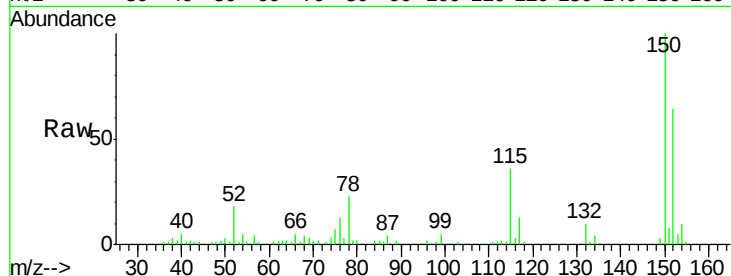
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF104265.D
Acq: 5 Apr 2018 9:49

Instrument :
BNA_F
ClientSampleId :
EFF-180403-06

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	57.2	50.1	75.1

Manual Integrations
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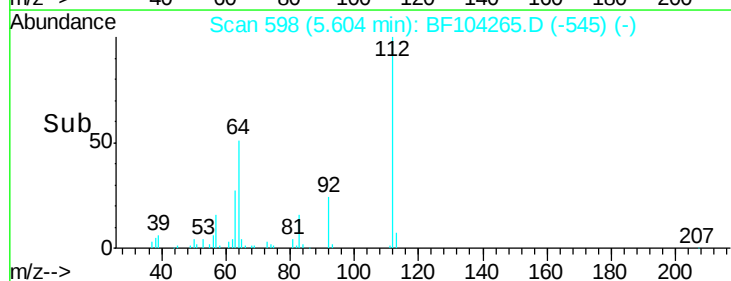
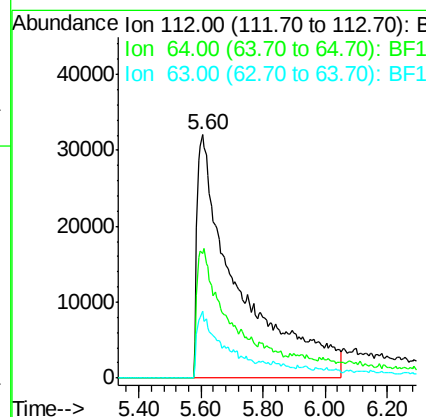
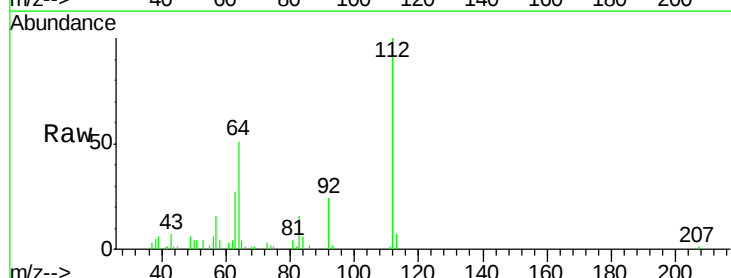
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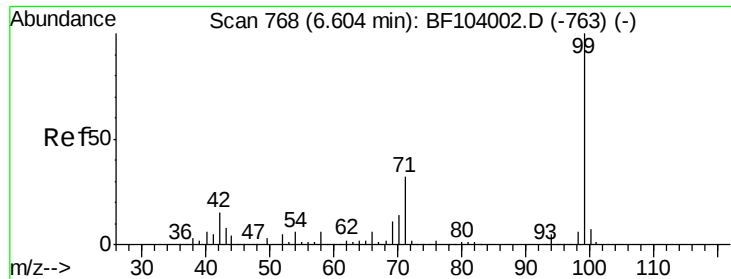


#5

2-Fluorophenol
Concen: 44.427 ng m
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF104265.D
Acq: 5 Apr 2018 9:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.1	47.9	71.9
63	27.3	23.7	35.5





#7

Phenol-d6

Concen: 35.485 ng/mL

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104265.D

Acq: 5 Apr 2018 9:49

Instrument :

BNA_F

ClientSampleId :

EFF-180403-06

Tot Ion: 99 Resp: 28885

Ion Ratio Lower Upper

99 100

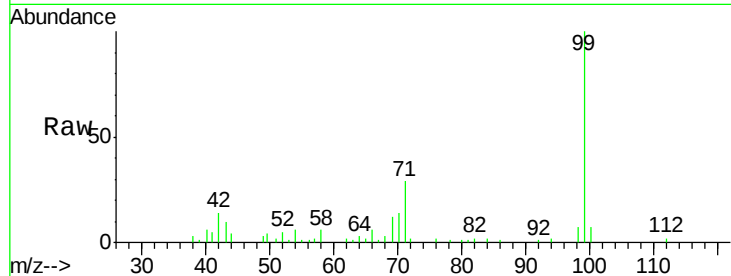
42 14.2 14.5 21.7#

71 28.9 25.4 38.0

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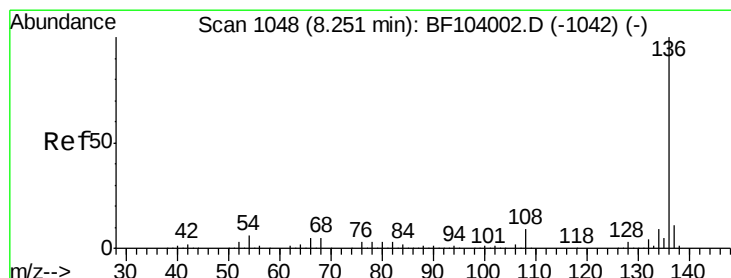
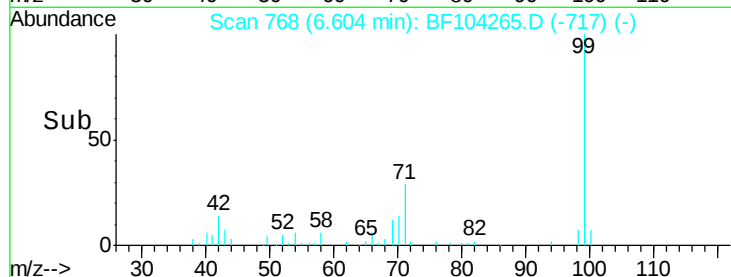
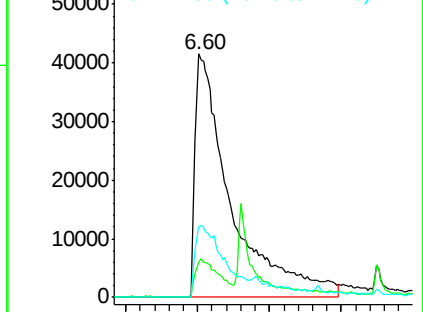
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: BF104265.D

Acq: 5 Apr 2018 9:49

Tgt Ion: 136 Resp: 470645

Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.7 6.6 9.8

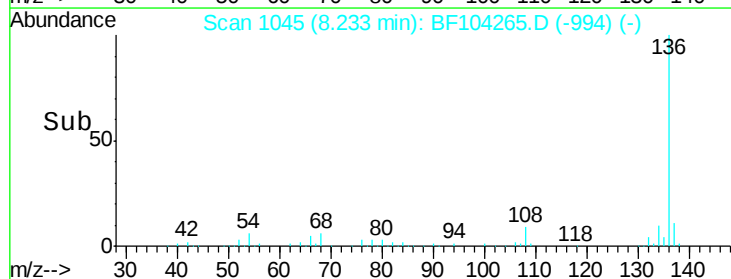
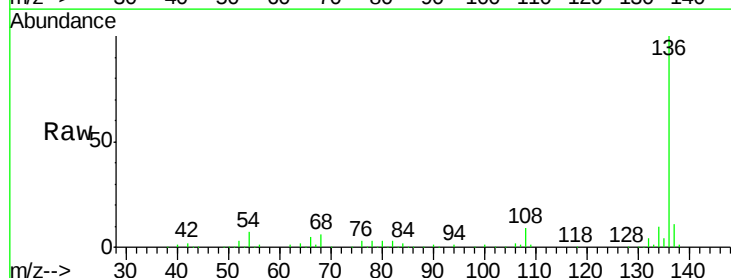
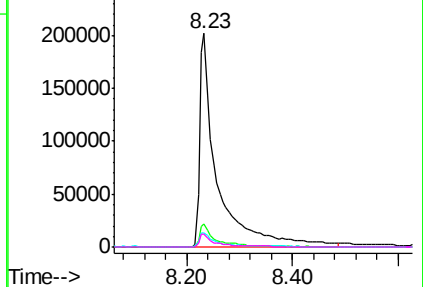
68 6.1 5.0 7.4

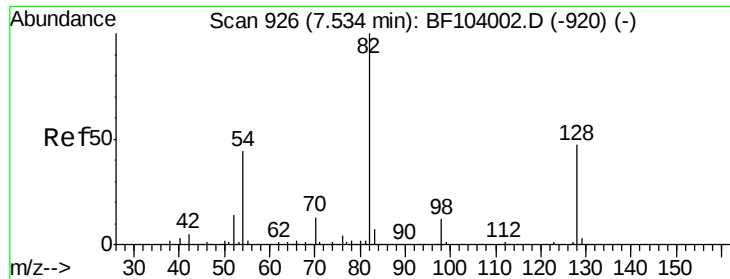
Abundance Ion 136.00 (135.70 to 136.70): E

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





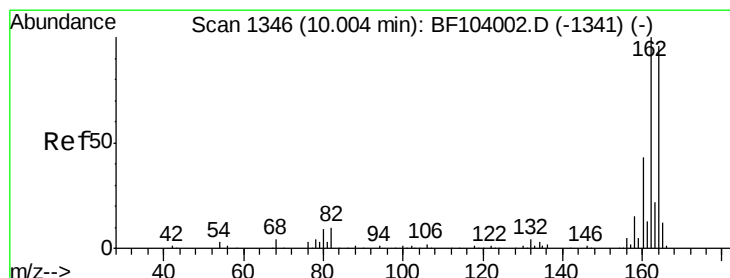
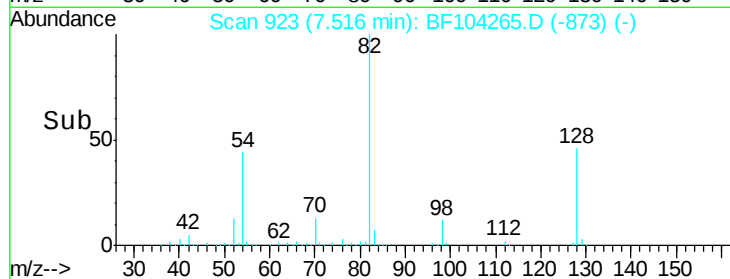
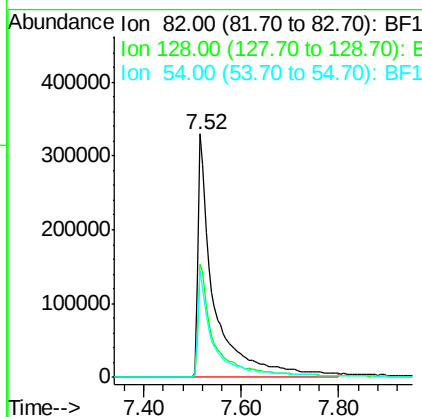
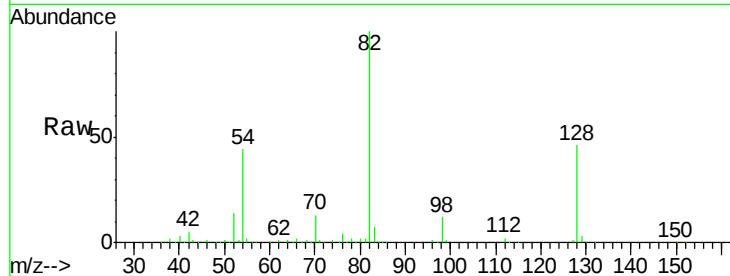
#23
 Nitrobenzene-d5
 Concen: 100.550 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF104265.D
 Acq: 5 Apr 2018 9:49

Instrument :
 BNA_F
 ClientSampleId :
 EFF-180403-06

Tot Ion	82	Resp	773817
Ion Ratio	100	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	43.9	41.4	62.2

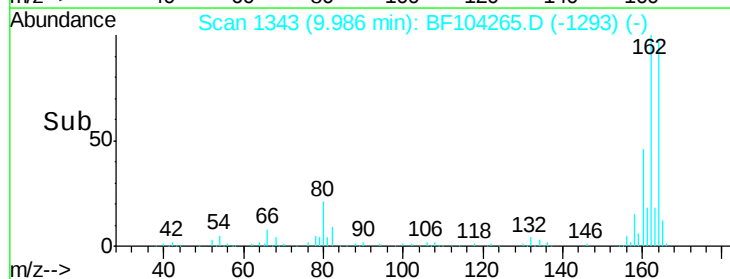
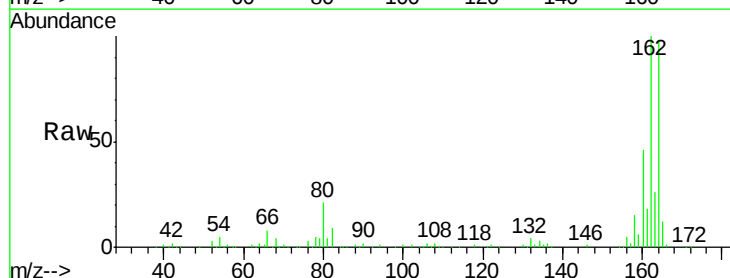
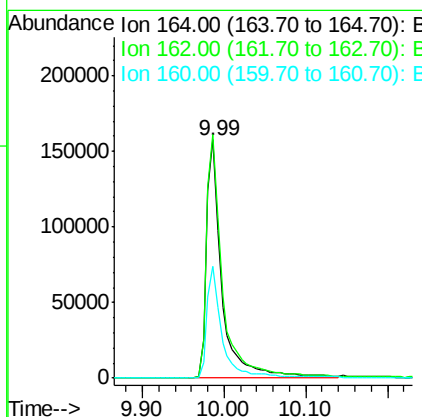
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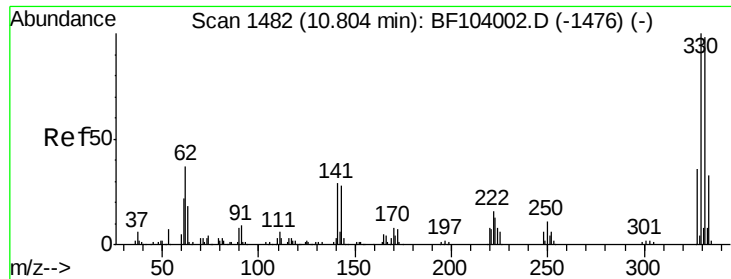
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF104265.D
 Acq: 5 Apr 2018 9:49

Tgt Ion	164	Resp	210618
Ion Ratio	100	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	46.7	38.3	57.5





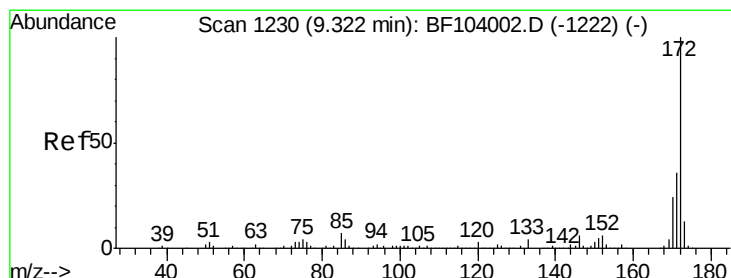
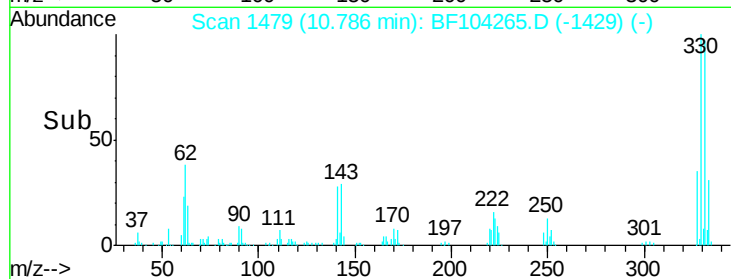
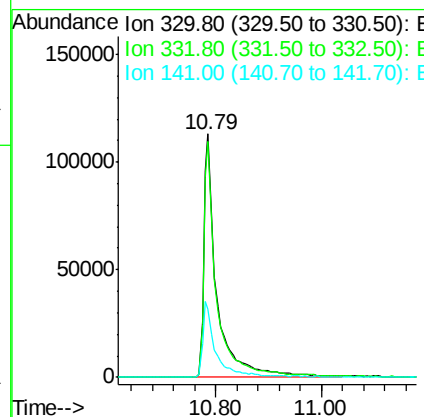
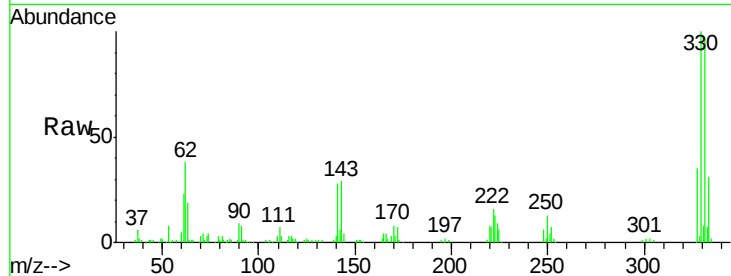
#41
 2,4,6-Tribromophenol
 Concen: 83.841 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104265.D
 Acq: 5 Apr 2018 9:49

Instrument :
 BNA_F
 ClientSampleId :
 EFF-180403-06

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	29.9	29.9	44.9

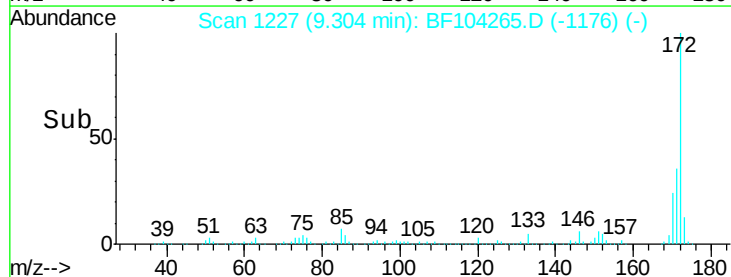
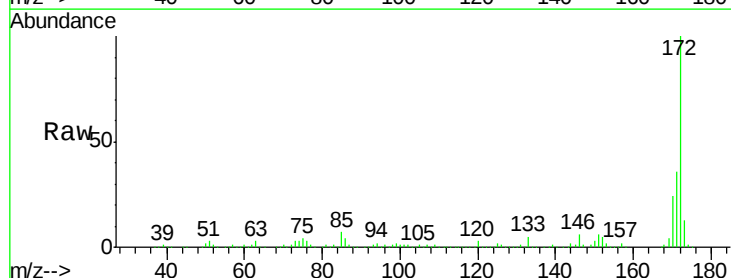
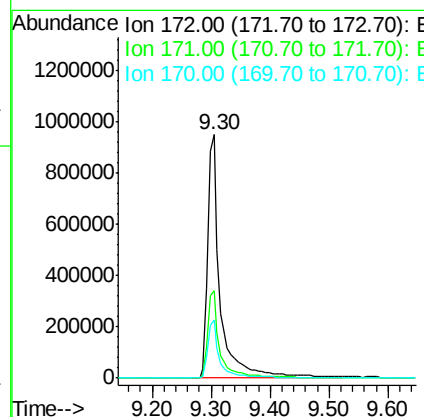
Manual Integrations
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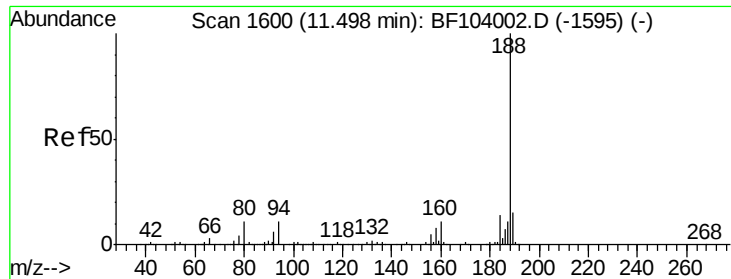
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#44
 2-Fluorobiphenyl
 Concen: 105.996 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF104265.D
 Acq: 5 Apr 2018 9:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.9	19.6	29.4





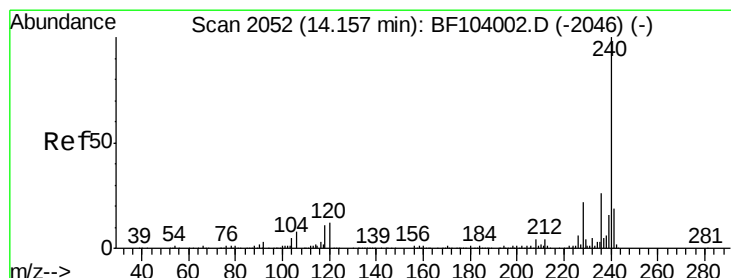
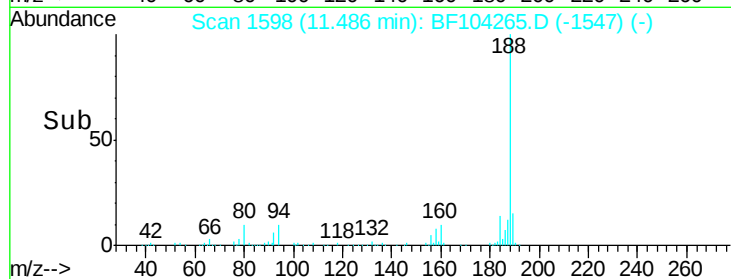
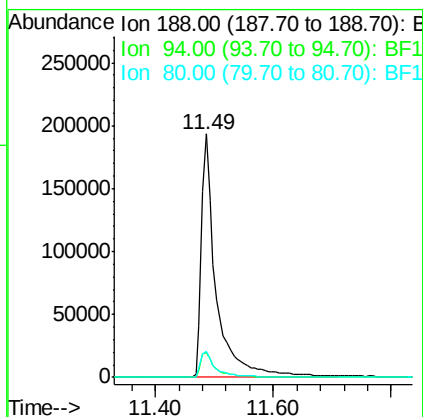
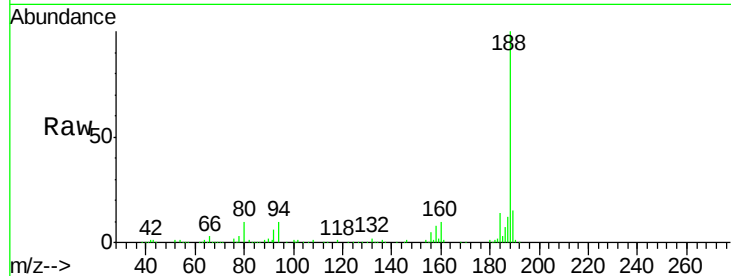
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF104265.D
Acq: 5 Apr 2018 9:49

Instrument :
BNA_F
ClientSampleId :
EFF-180403-06

Tot Ion	Ratio	Resp	Lower	Upper
188	100	335791		
94	10.4		8.5	12.7
80	10.4		9.2	13.8

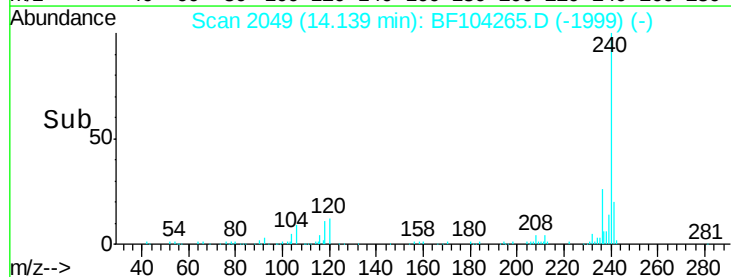
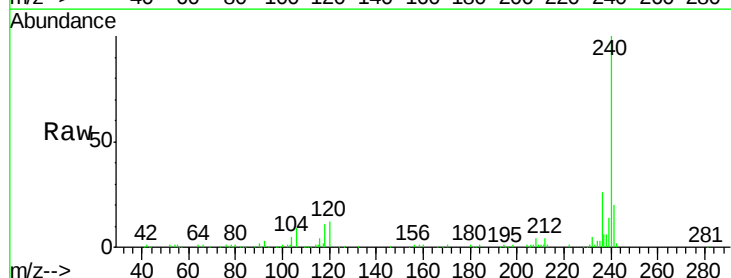
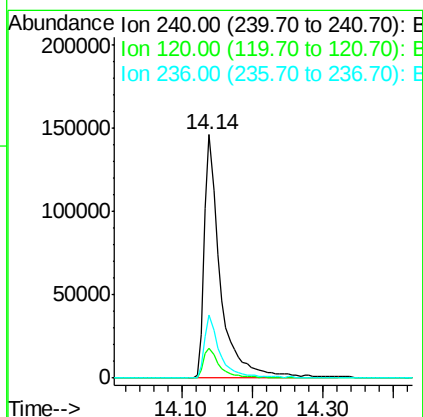
Manual Integrations
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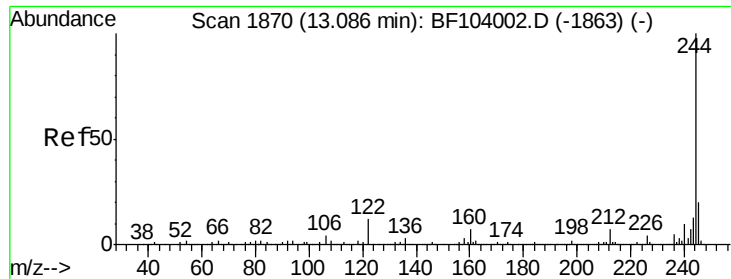
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104265.D
Acq: 5 Apr 2018 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	233322		
120	12.0		9.5	14.3
236	25.8		20.7	31.1





#78

Terphenyl-d14

Concen: 104.007 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BF104265.D

Acq: 5 Apr 2018 9:49

Instrument :

BNA_F

ClientSampleId :

EFF-180403-06

Tot Ion:244 Resp: 1051001

Ion Ratio Lower Upper

244 100

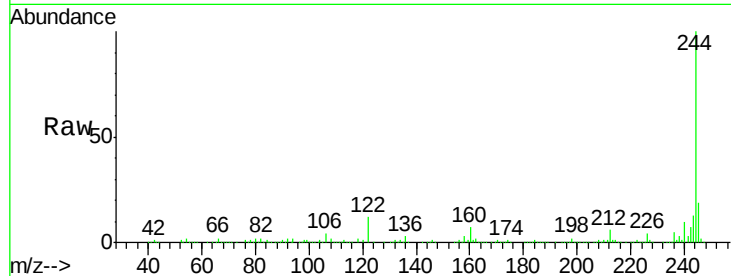
212 6.5 5.4 8.0

122 11.8 11.0 16.4

Manual Integrations
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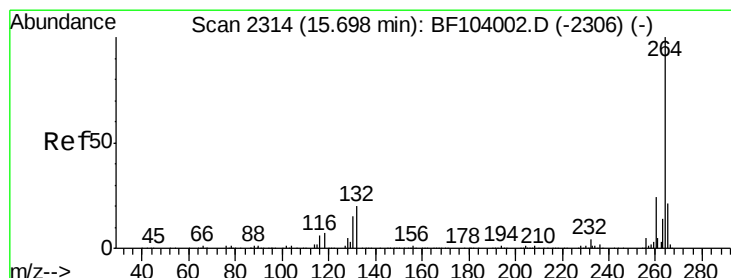
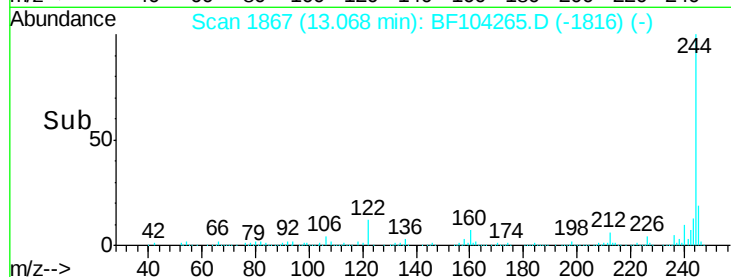
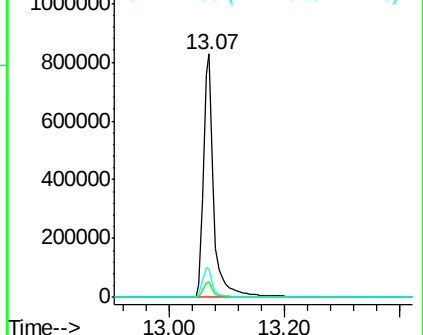
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Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.67 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BF104265.D

Acq: 5 Apr 2018 9:49

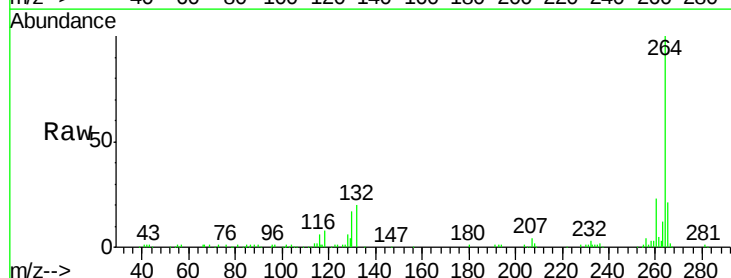
Tgt Ion:264 Resp: 204577

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.9 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

