

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104257.D
 Acq On : 5 Apr 2018 6:19
 Operator : JU/SJ
 Sample : J2202-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-014-B

Manual Integrations
 APPROVED

Sohil
 4/5/2018 4:39:23 PM

Quant Time: Apr 05 07:48:35 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	114142	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	495289	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	216598	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	335405	20.00	ng	0.00
75) Chrysene-d12	14.14	240	232717	20.00	ng	0.00
86) Perylene-d12	15.67	264	211566	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	775302	108.32	ng	0.00
7) Phenol-d6	6.59	99	1083950	123.10	ng	-0.01
23) Nitrobenzene-d5	7.52	82	625184	77.19	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	235306	97.56	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1169596	85.15	ng	0.00
78) Terphenyl-d14	13.06	244	821976	81.55	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	1149	Below Cal		Qvalue # 1
49) Dimethylphthalate	9.69	163	89159	5.214	ng	99
70) Phenanthrene	11.51	178	38107	2.098	ng	98
74) Fluoranthene	12.70	202	57696	2.989	ng	98
77) Pyrene	12.94	202	51601	3.085	ng	96
87) Benzo(b)fluoranthene	15.22	252	25980m	2.018	ng	

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

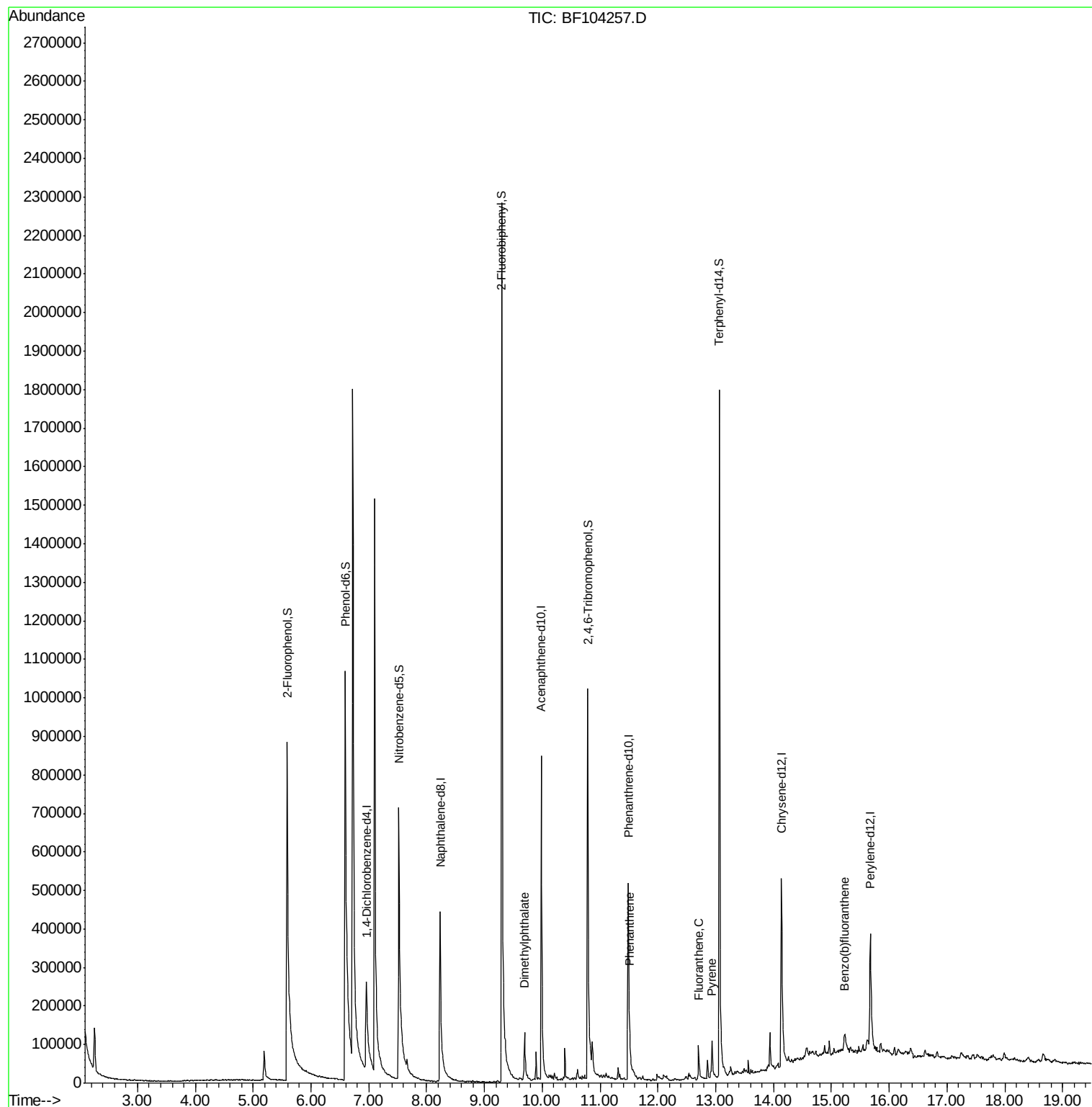
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
Data File : BF104257.D
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Sample : J2202-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

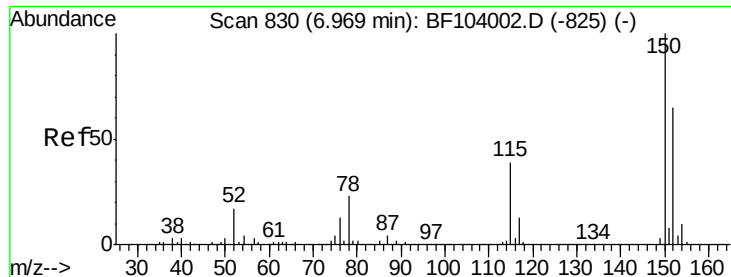
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-014-B

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#1

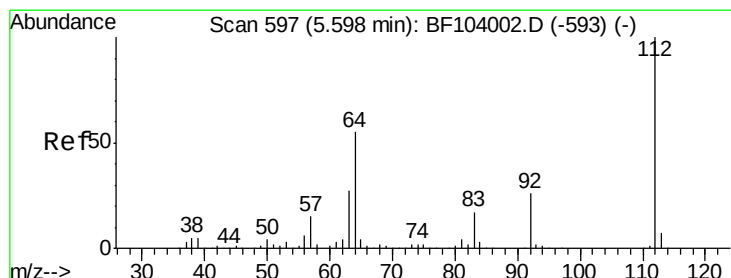
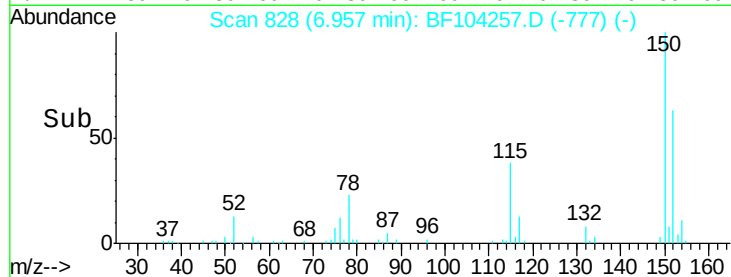
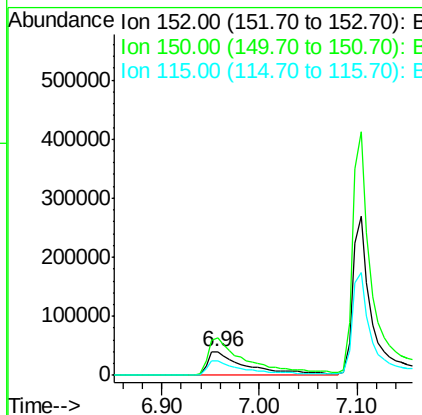
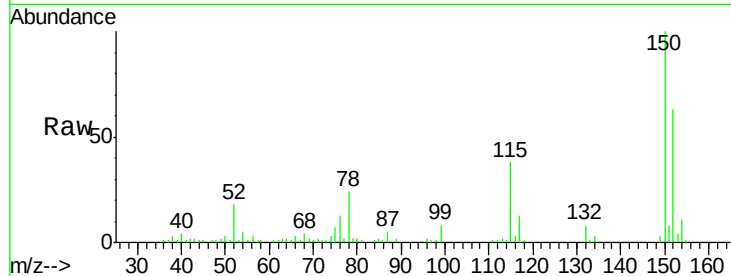
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF104257.D
Acq: 5 Apr 2018 6:19

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-014-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	60.5	50.1	75.1

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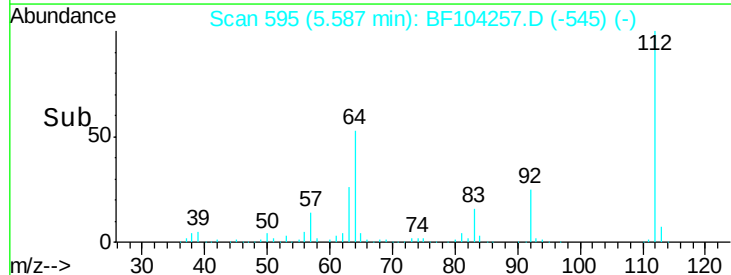
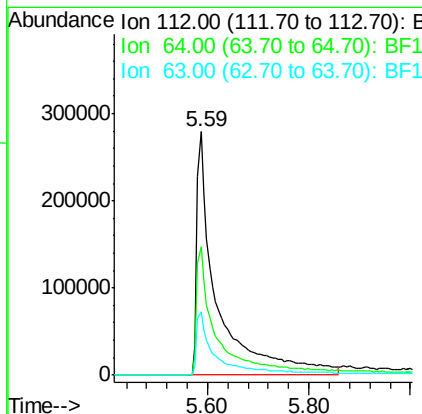
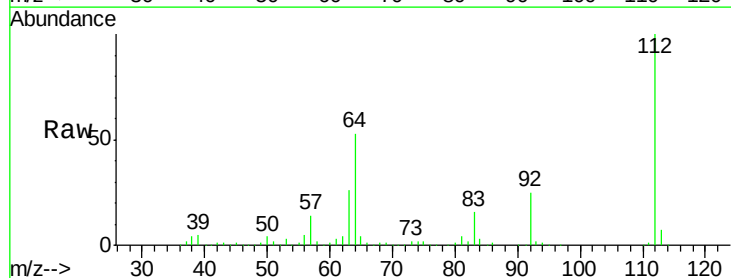
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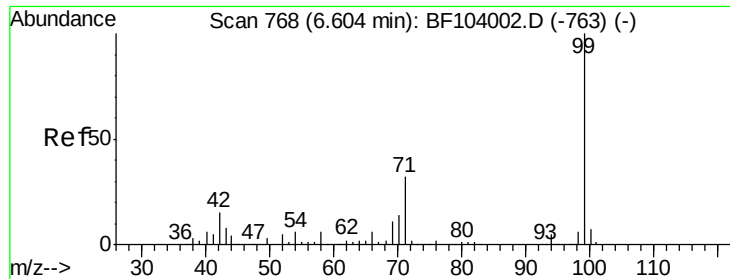


#5

2-Fluorophenol
Concen: 108.322 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF104257.D
Acq: 5 Apr 2018 6:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	47.9	71.9
63	26.2	23.7	35.5





#7

Phenol-d6

Concen: 123.096 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104257.D

Acq: 5 Apr 2018 6:19

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-014-B

Tot Ion: 99 Resp: 1083950

Ion Ratio Lower Upper

99 100

42 14.1 14.5 21.7#

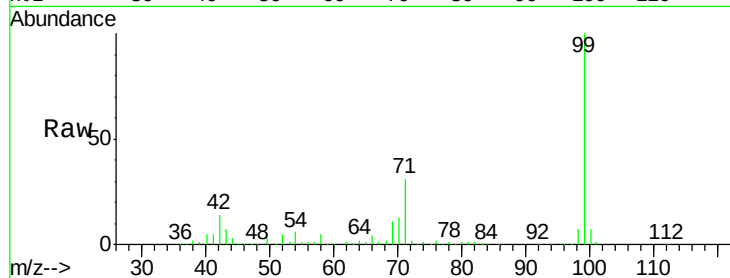
71 31.0 25.4 38.0

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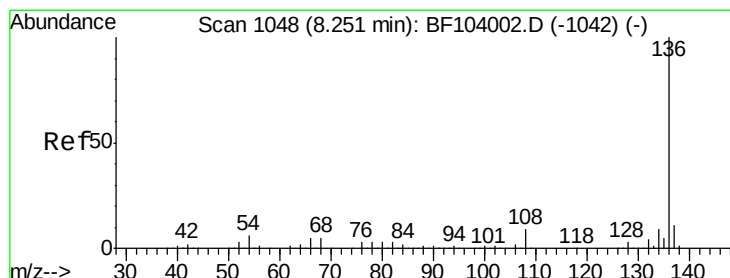
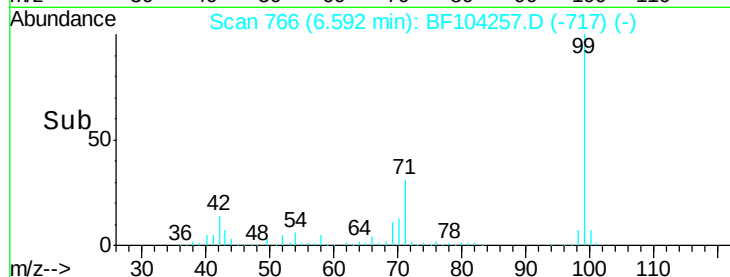
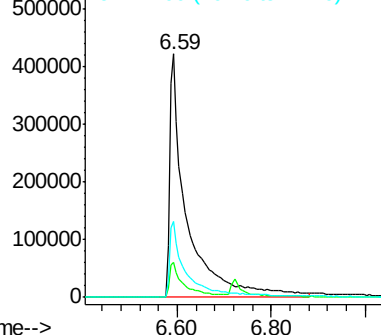
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF104257.D

Acq: 5 Apr 2018 6:19

Tgt Ion: 136 Resp: 495289

Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.9 6.6 9.8

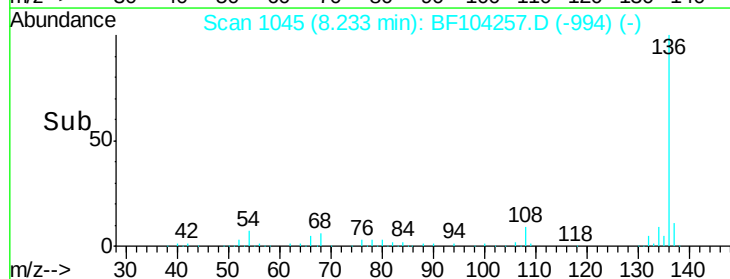
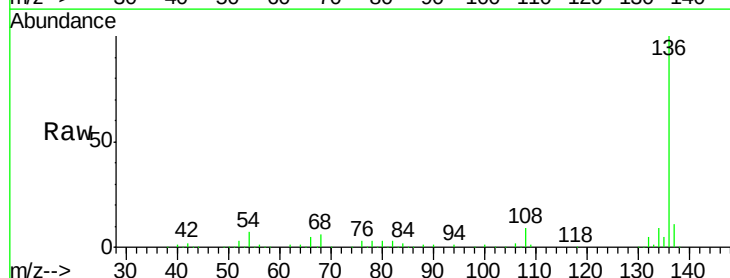
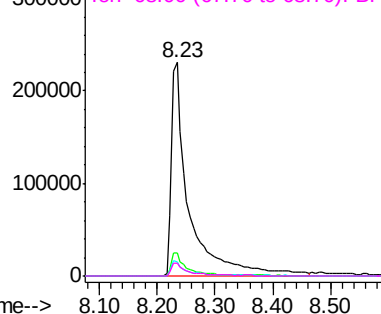
68 5.9 5.0 7.4

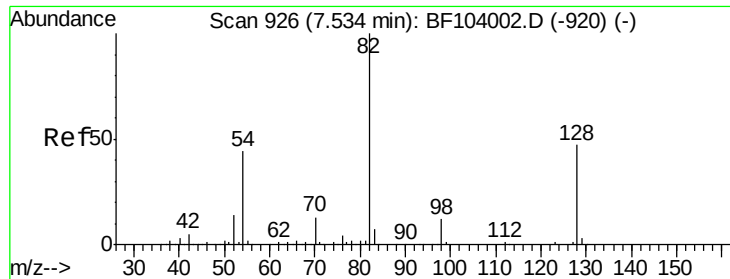
Abundance Ion 136.00 (135.70 to 136.70): E

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





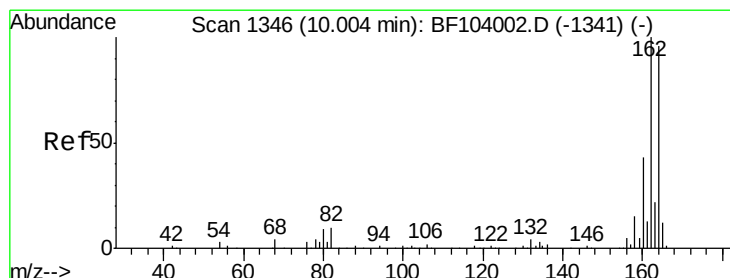
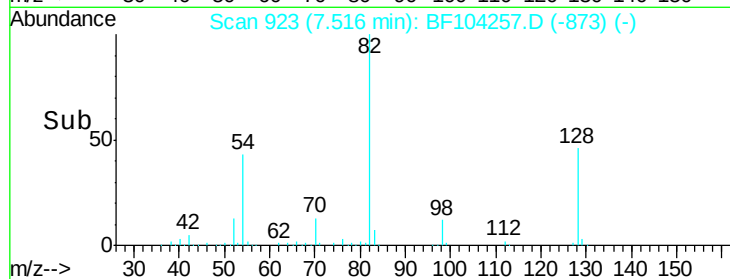
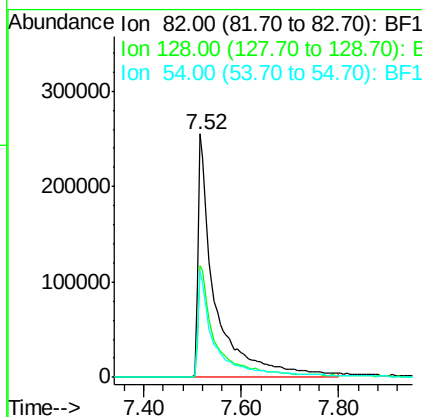
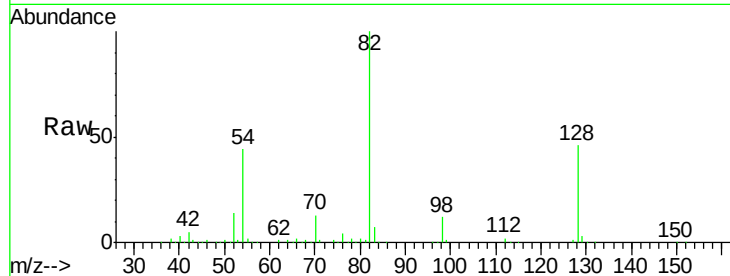
#23
Nitrobenzene-d5
Concen: 77.194 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104257.D
Acq: 5 Apr 2018 6:19

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-014-B

Tot Ion	82	Resp	625184
Ion Ratio	100	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	43.6	41.4	62.2

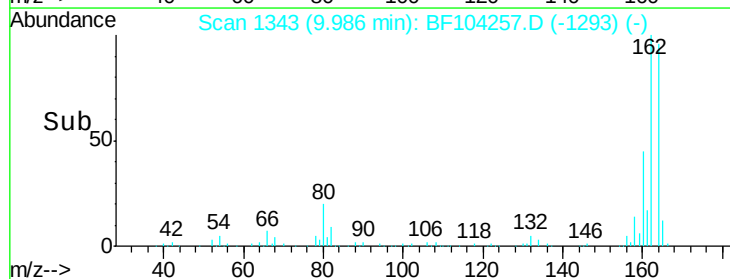
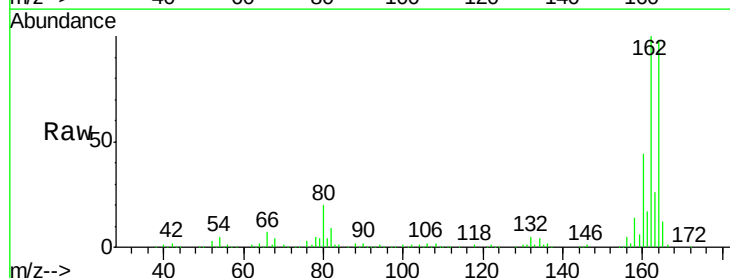
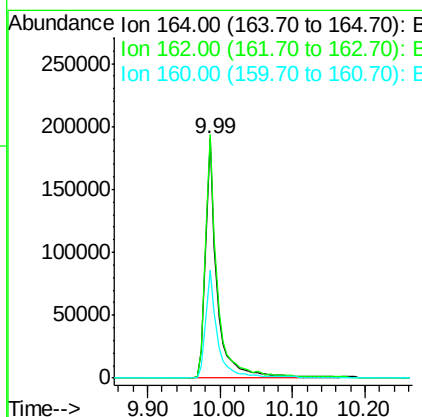
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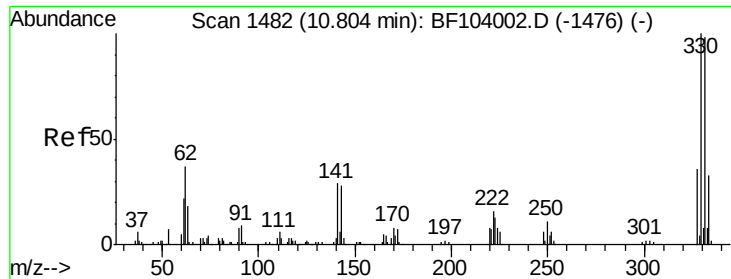
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF104257.D
Acq: 5 Apr 2018 6:19

Tgt Ion	164	Resp	216598
Ion Ratio	100	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	45.2	38.3	57.5





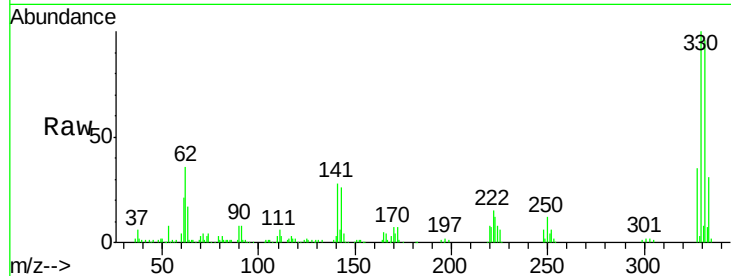
#41
 2,4,6-Tribromophenol
 Concen: 97.564 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104257.D
 Acq: 5 Apr 2018 6:19

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-014-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.1	29.9	44.9

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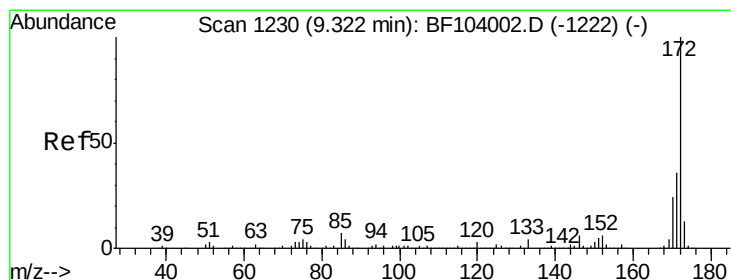
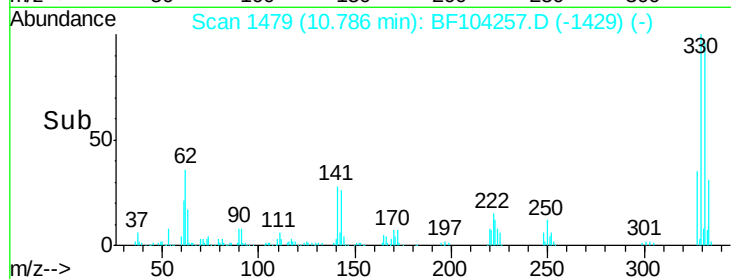
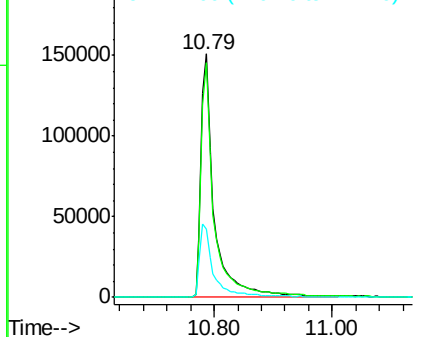


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.151 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF104257.D
 Acq: 5 Apr 2018 6:19

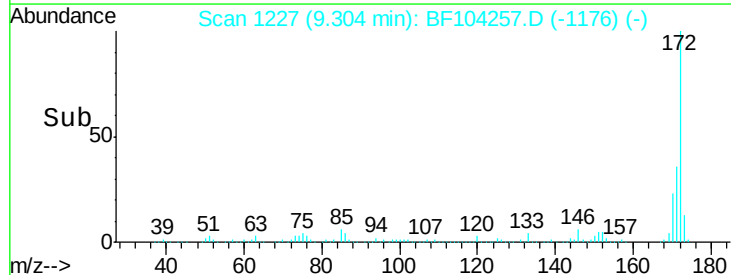
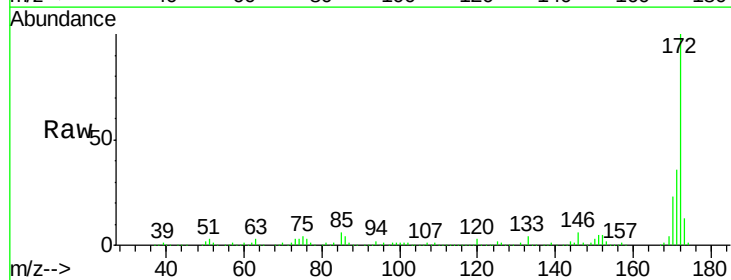
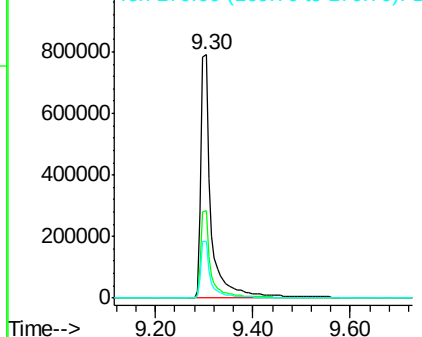
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.1	19.6	29.4

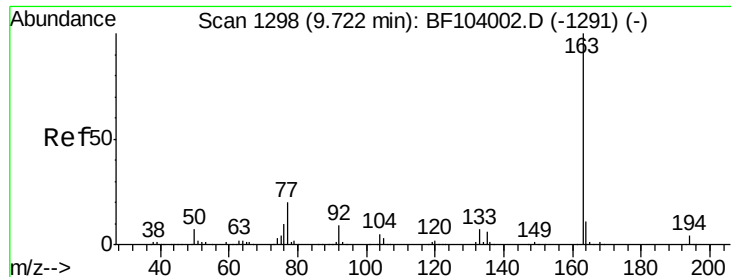
Abundance

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





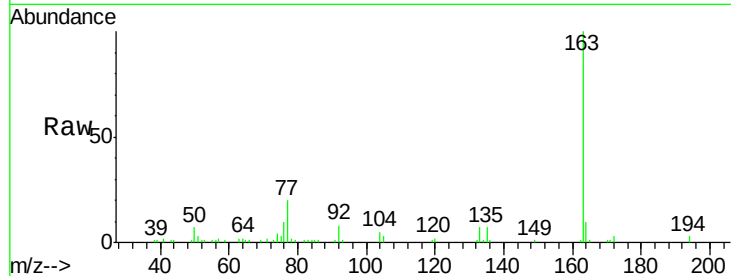
#49
Dimethylphthalate
Concen: 5.214 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF104257.D
Acq: 5 Apr 2018 6:19

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-014-B

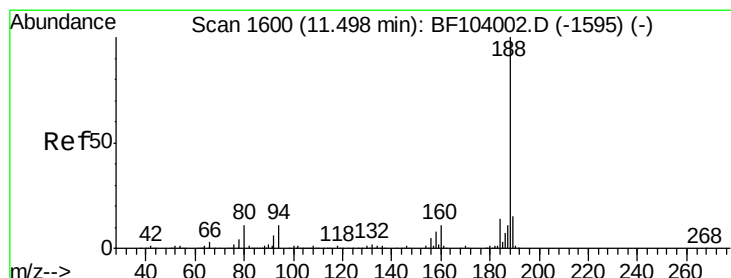
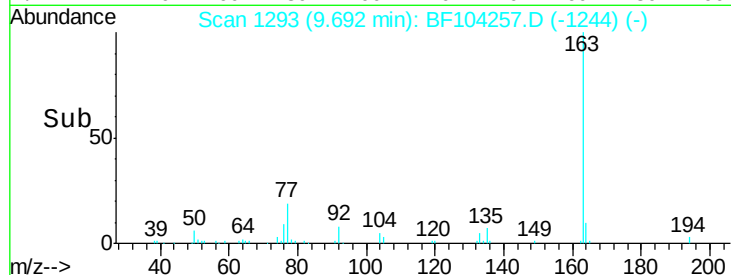
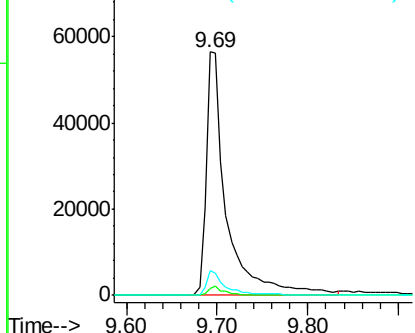
Tot Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.7	4.1
164	10.0	8.2	12.2

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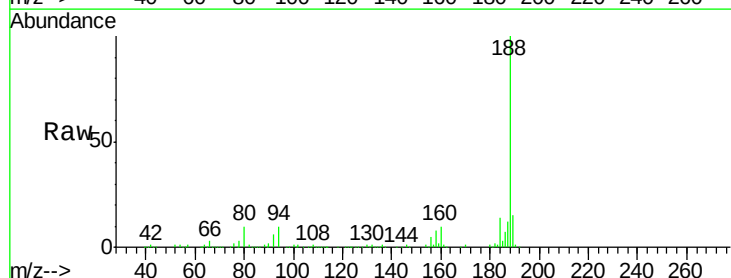


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

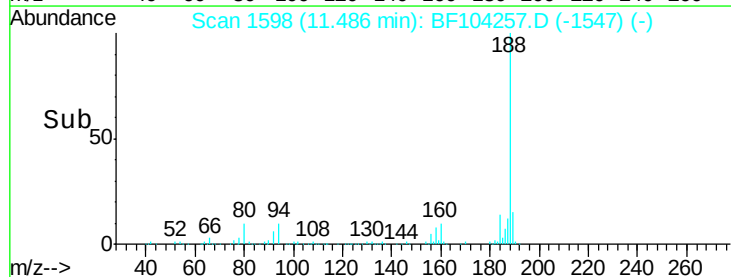
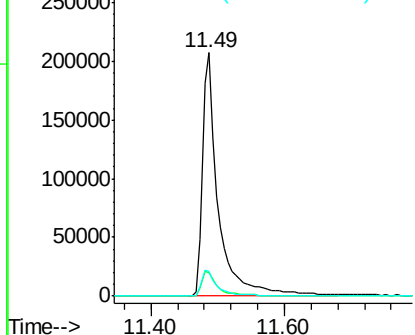


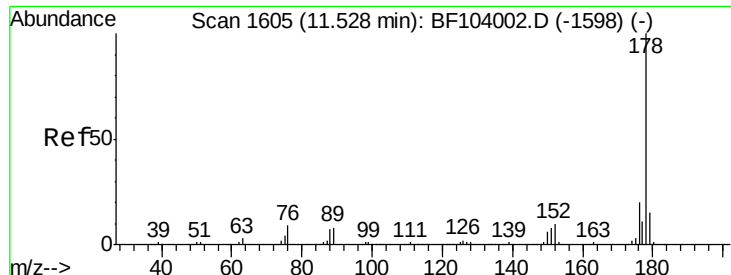
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF104257.D
Acq: 5 Apr 2018 6:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.3	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





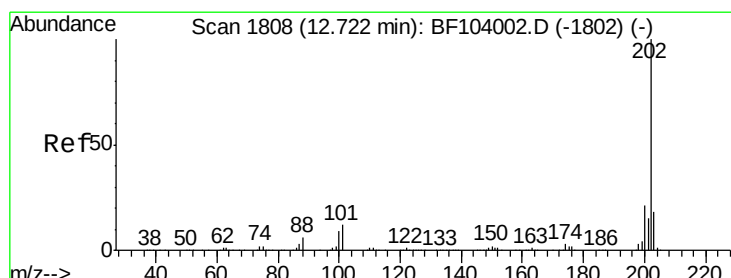
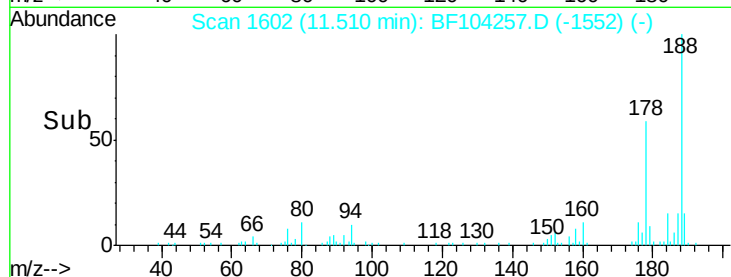
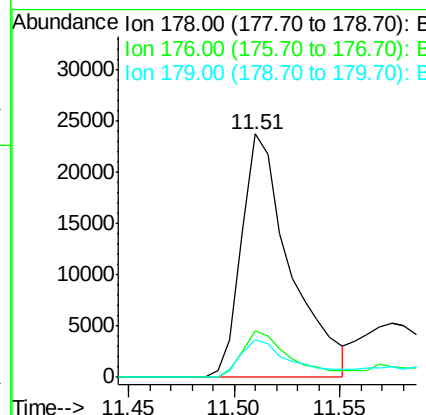
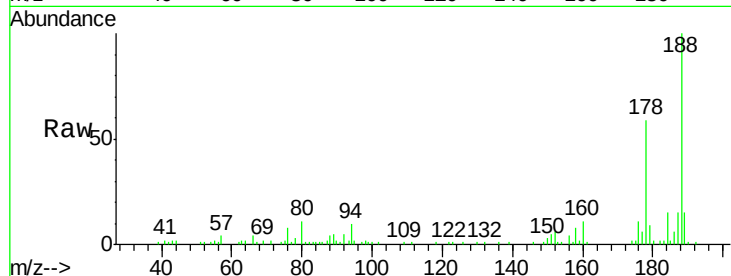
#70
Phenanthrene
Concen: 2.098 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF104257.D
Acq: 5 Apr 2018 6:19

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-014-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.7	13.0	19.6

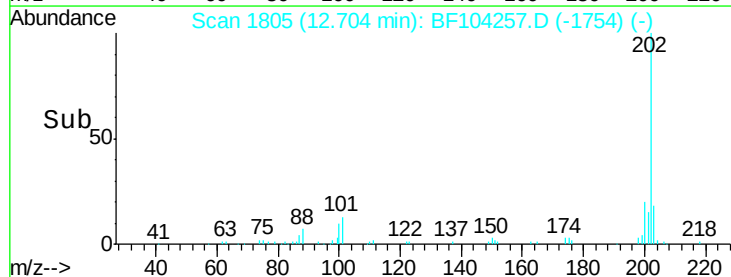
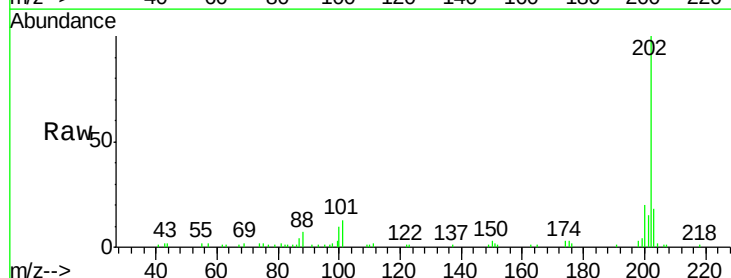
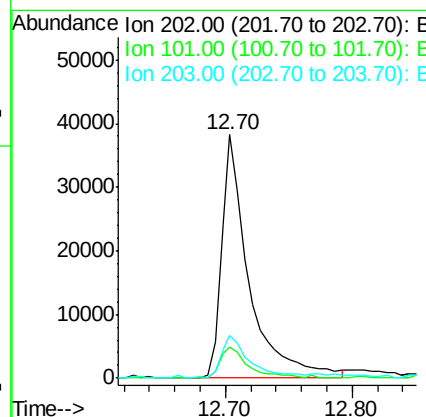
Manual Integrations
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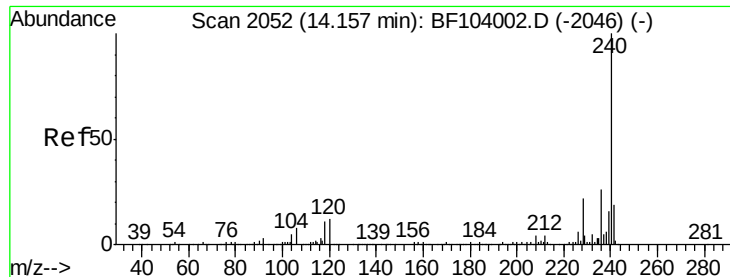
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#74
Fluoranthene
Concen: 2.989 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BF104257.D
Acq: 5 Apr 2018 6:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF104257.D

Acq: 5 Apr 2018 6:19

Instrument :

BNA_F

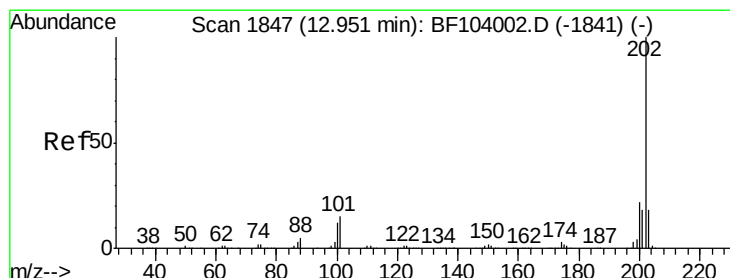
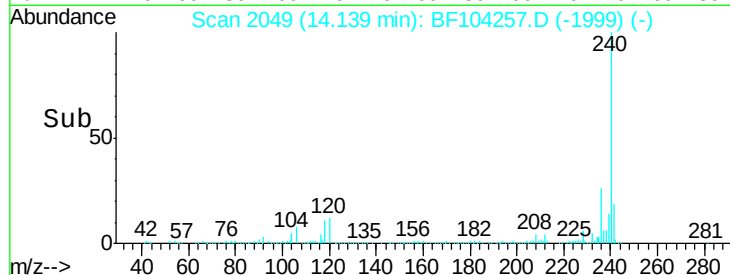
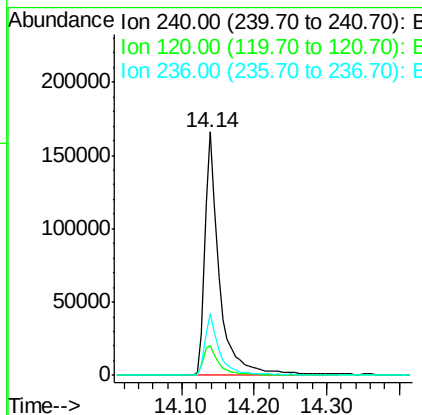
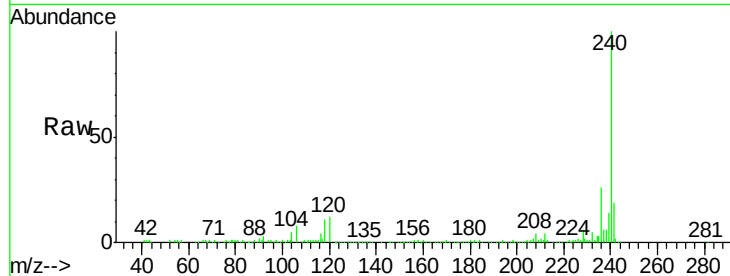
ClientSampleId :

FK-GF-02-014-B

Tot Ion:	240	Resp:	232717
Ion Ratio	Lower	Upper	
240	100		
120	12.5	9.5	14.3
236	25.7	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 3.085 ng

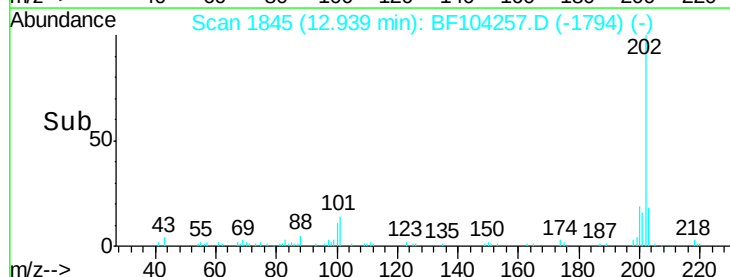
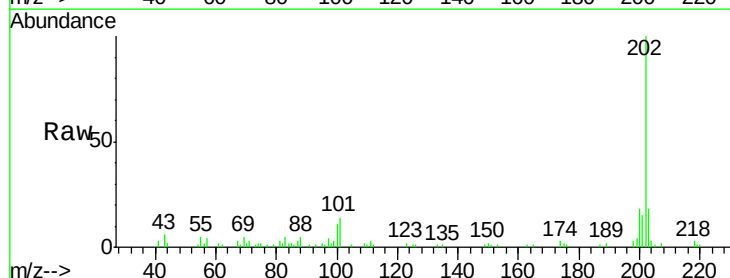
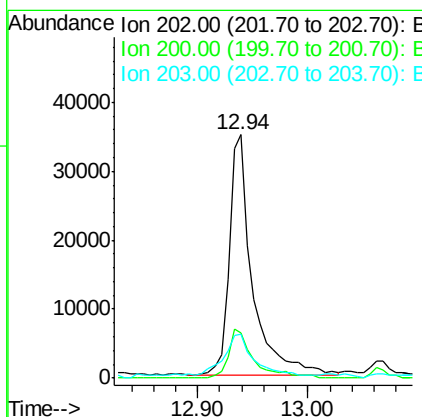
RT: 12.94 min Scan# 1845

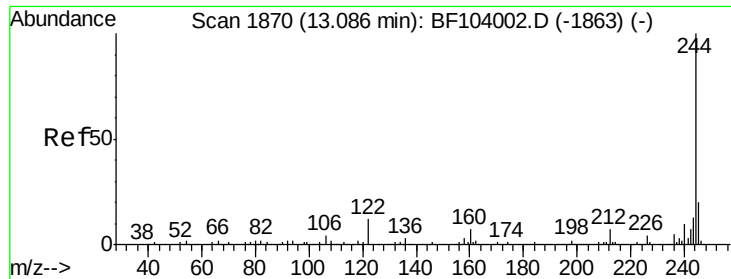
Delta R.T. -0.00 min

Lab File: BF104257.D

Acq: 5 Apr 2018 6:19

Tgt Ion:	202	Resp:	51601
Ion Ratio	Lower	Upper	
202	100		
200	18.3	17.4	26.2
203	18.1	14.3	21.5





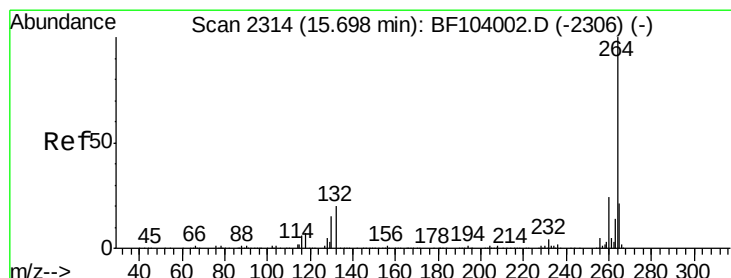
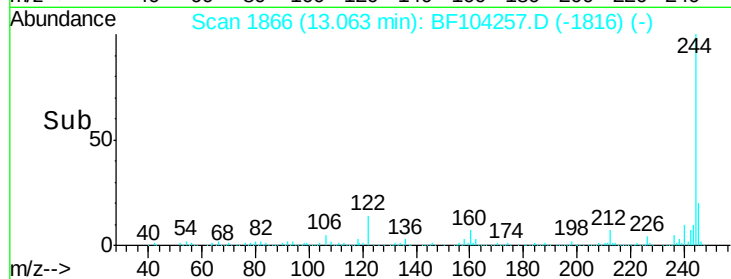
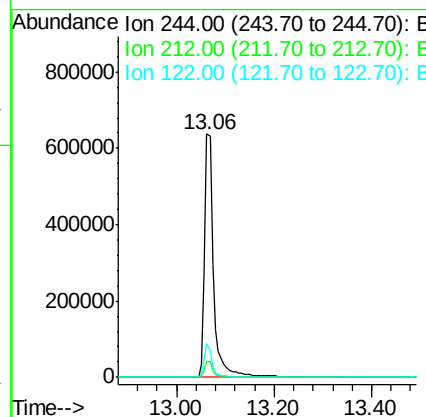
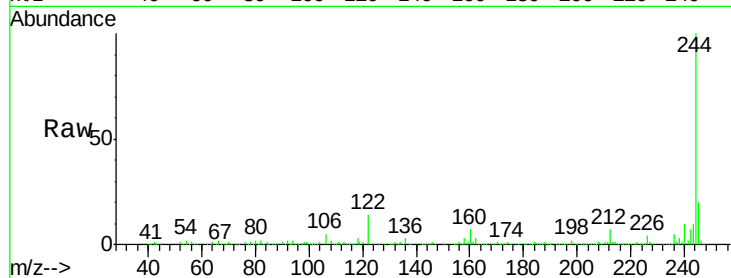
#78
 Terphenyl-d14
 Concen: 81.554 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF104257.D
 Acq: 5 Apr 2018 6:19

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-014-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	13.9	11.0	16.4

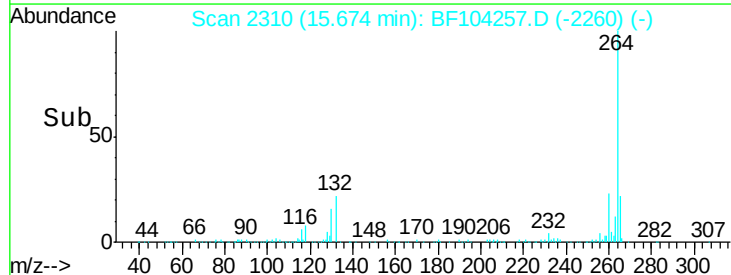
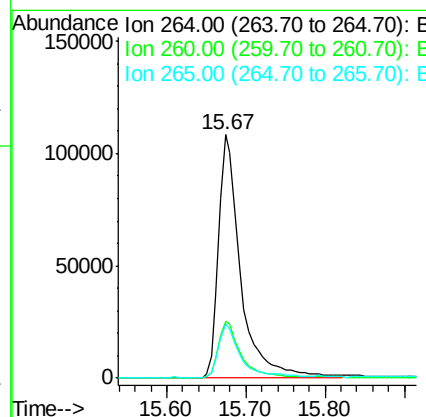
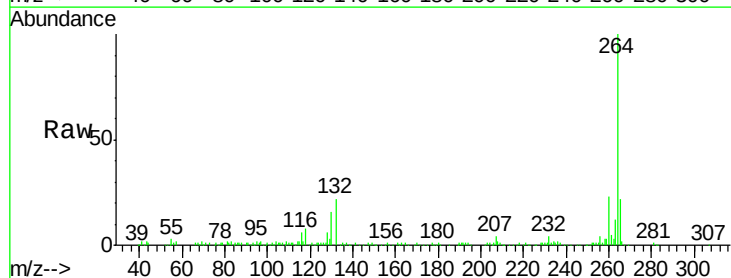
Manual Integrations
 APPROVED

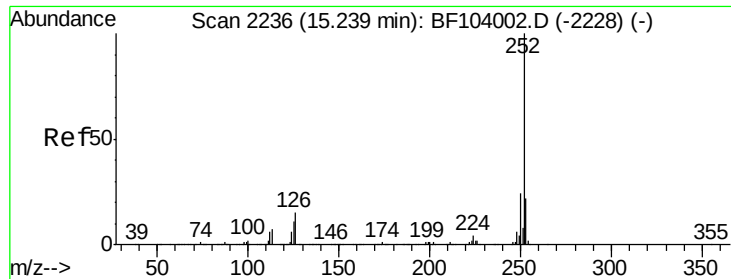
Sohil
 4/5/2018 4:39:23 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BF104257.D
 Acq: 5 Apr 2018 6:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.1	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.018 ng/ml
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.00 min
 Lab File: BF104257.D
 Acq: 5 Apr 2018 6:19

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-014-B

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	26.9	17.0	25.6#
125	15.8	9.0	13.6#

Manual Integrations
 APPROVED

Sohil
 4/5/2018 4:39:23 PM

