

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103730.D
 Acq On : 17 Mar 2018 9:00
 Operator : JU/SJ
 Sample : J1947-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-013-B

Manual Integrations
 APPROVED

Sohil
 3/19/2018 2:03:12 PM

Quant Time: Mar 19 08:18:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	184181	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	730206	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	307756	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	455299	20.00	ng	0.00
75) Chrysene-d12	14.16	240	339438	20.00	ng	0.00
86) Perylene-d12	15.70	264	258893	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1468445	121.27	ng	0.02
7) Phenol-d6	6.60	99	1837252	124.01	ng	0.01
23) Nitrobenzene-d5	7.54	82	1096660	104.73	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	327747	123.86	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1594770	82.66	ng	0.00
78) Terphenyl-d14	13.09	244	1159868	79.31	ng	0.00
Target Compounds						
10) Phenol	6.61	94	51321	3.260	ng	95
49) Dimethylphthalate	9.72	163	184363	7.852	ng	99
74) Fluoranthene	12.72	202	63514	2.475	ng	96
77) Pyrene	12.95	202	66469	2.666	ng	99
87) Benzo(b)fluoranthene	15.23	252	35370m	2.162	ng	

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

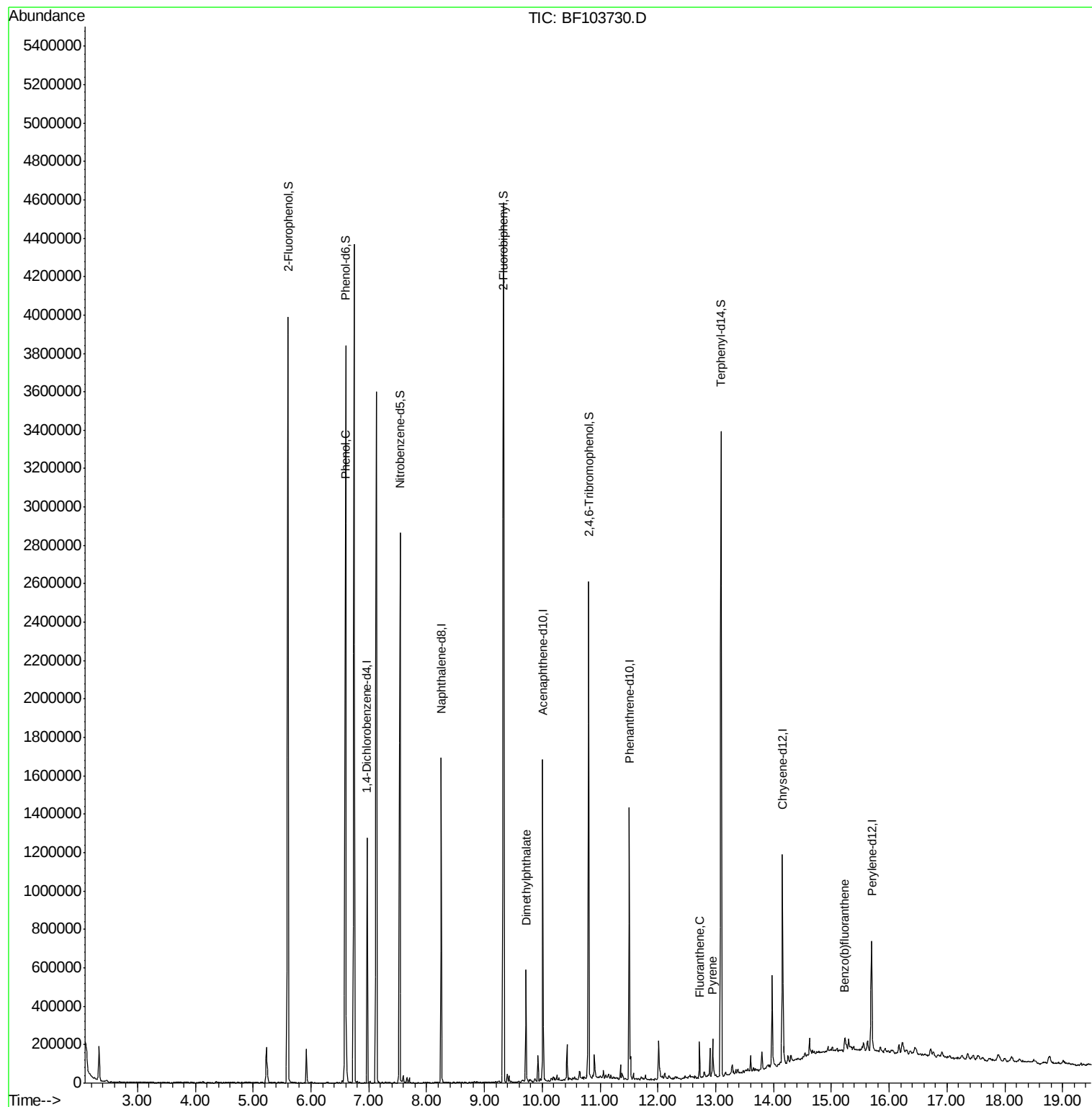
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103730.D
Acq On : 17 Mar 2018 9:00
Operator : JU/SJ
Sample : J1947-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

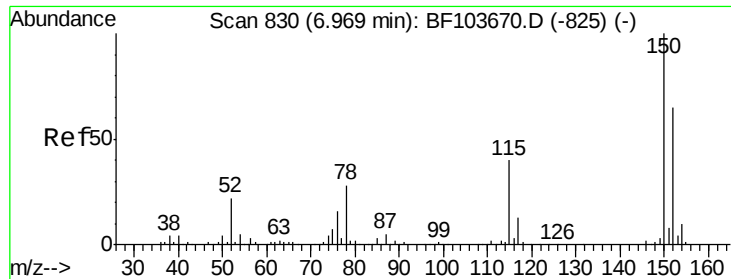
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-013-B

Manual Integrations
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Quant Time: Mar 19 08:18:36 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration





#1

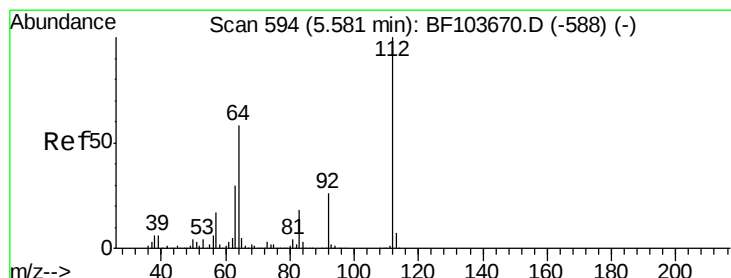
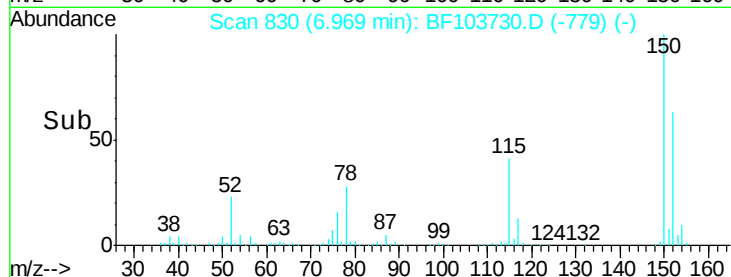
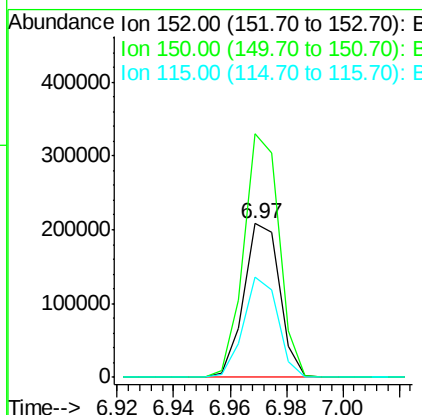
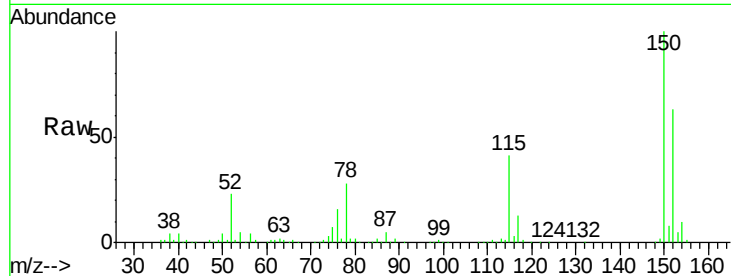
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103730.D
Acq: 17 Mar 2018 9:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-013-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	65.5	50.1	75.1

Manual Integrations
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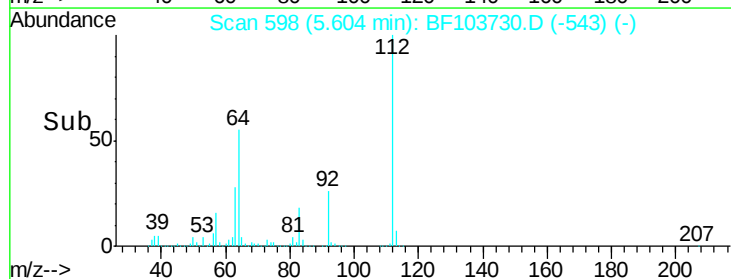
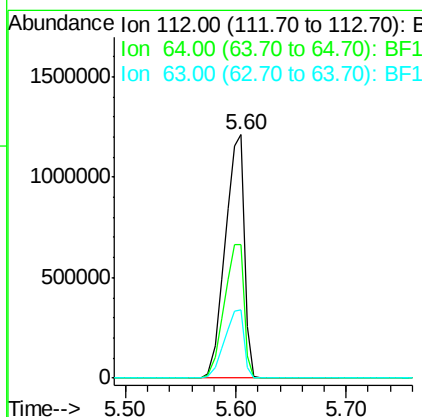
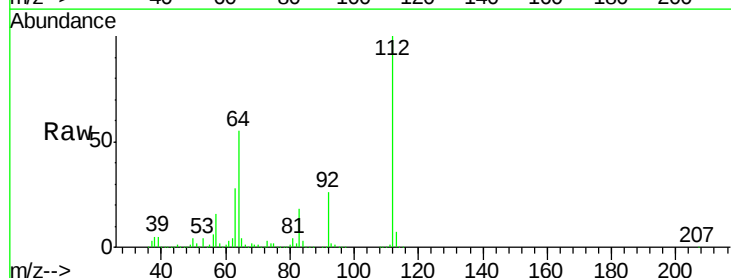
Sohil
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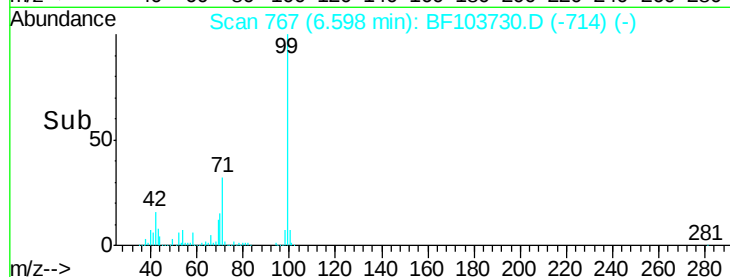
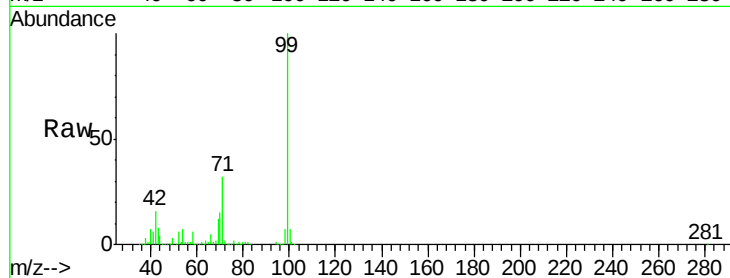
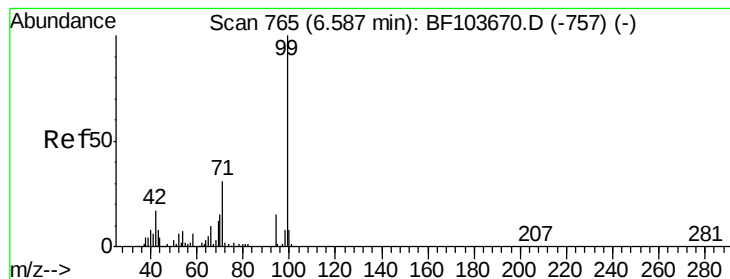


#5

2-Fluorophenol
Concen: 121.266 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.02 min
Lab File: BF103730.D
Acq: 17 Mar 2018 9:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	47.9	71.9
63	28.1	23.7	35.5





#7

Phenol-d6

Concen: 124.015 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103730.D

Acq: 17 Mar 2018 9:00

Tot Ion: 99 Resp: 1837252

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

71 32.4 25.4 38.0

Instrument :

BNA_F

ClientSampled :

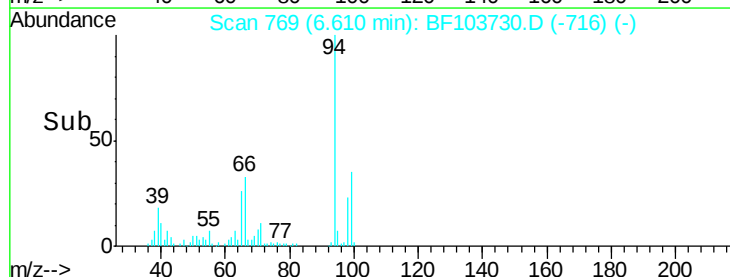
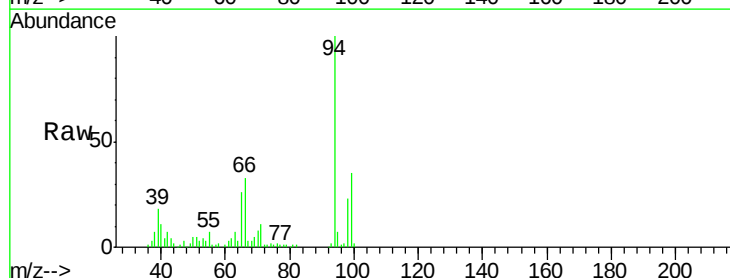
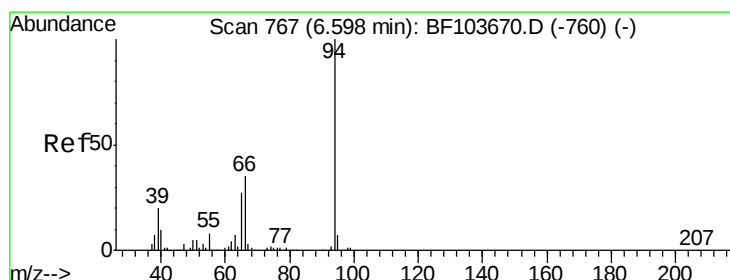
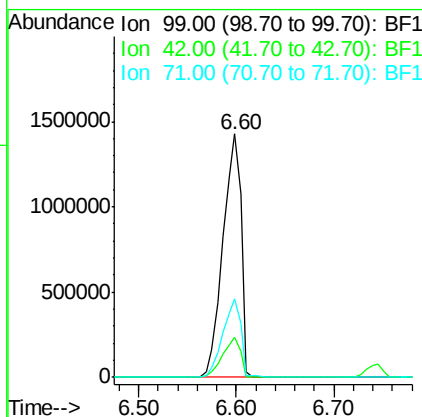
FK-GF-02-013-B

Manual Integrations

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#10

Phenol

Concen: 3.260 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103730.D

Acq: 17 Mar 2018 9:00

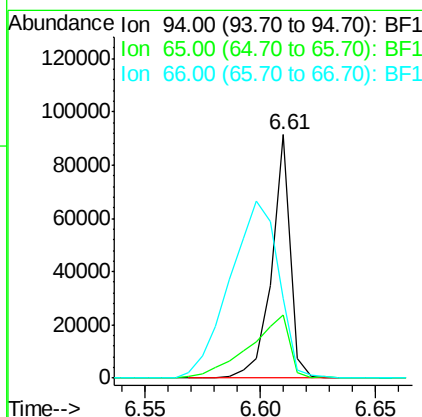
Tgt Ion: 94 Resp: 51321

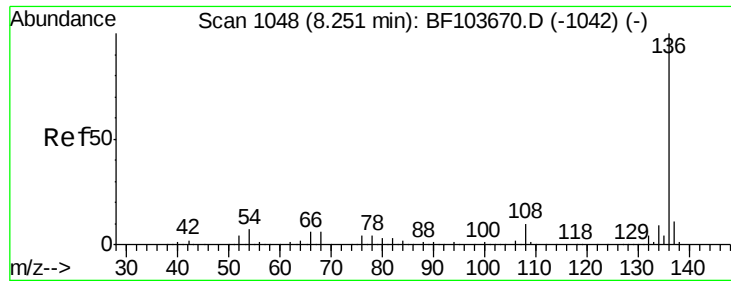
Ion Ratio Lower Upper

94 100

65 26.0 7.9 47.9

66 32.7 16.2 56.2





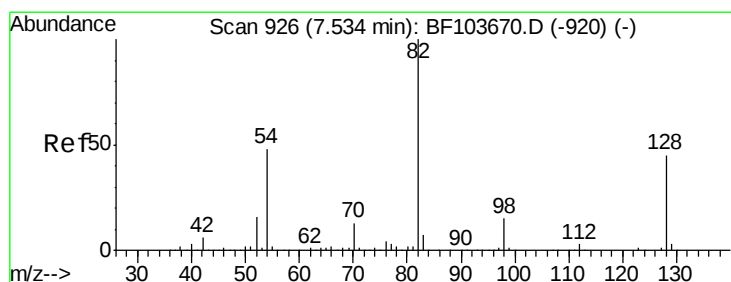
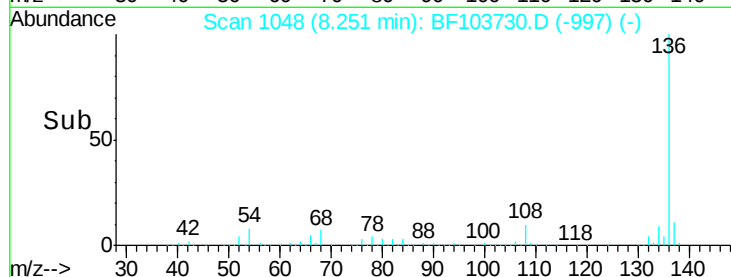
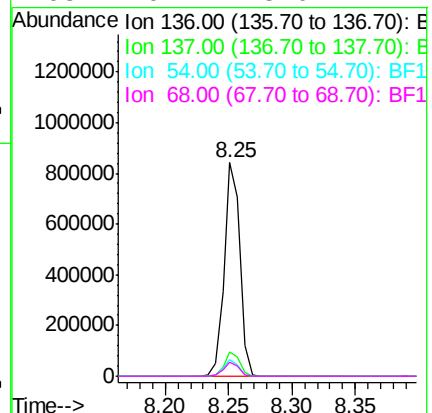
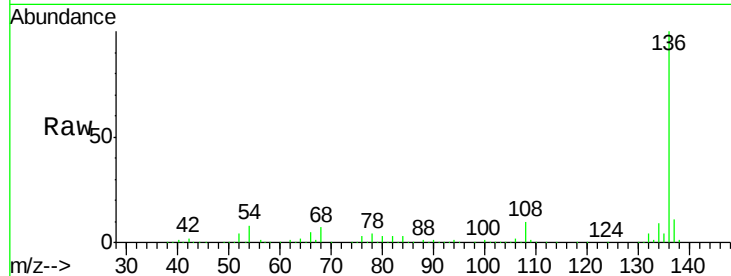
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF103730.D
Acq: 17 Mar 2018 9:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-013-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		730206		
137	11.3	8.9	13.3		
54	7.6	6.6	9.8		
68	6.7	5.0	7.4		

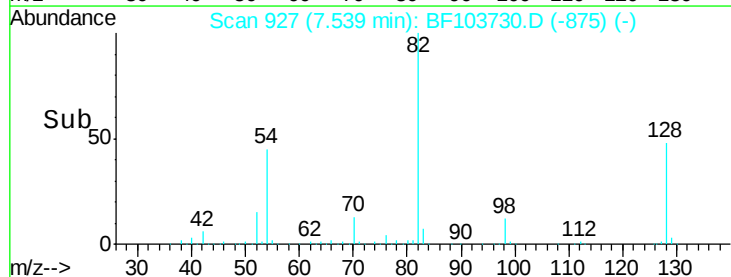
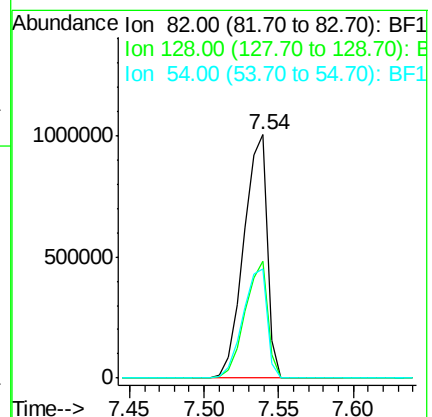
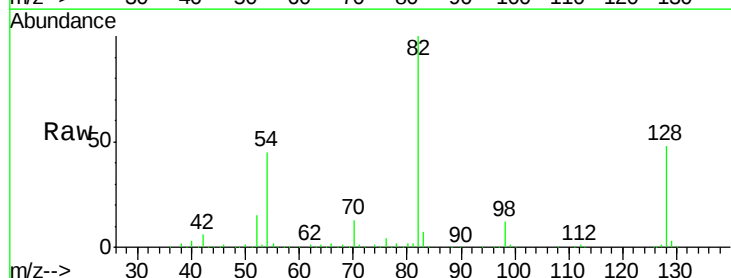
Manual Integrations
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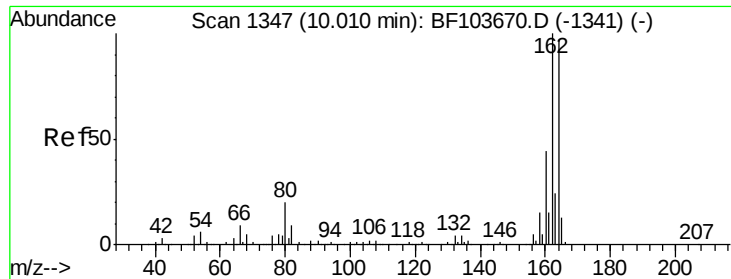
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#23
Nitrobenzene-d5
Concen: 104.733 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF103730.D
Acq: 17 Mar 2018 9:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		1096660		
128	48.0	36.1	54.1		
54	45.0	41.4	62.2		





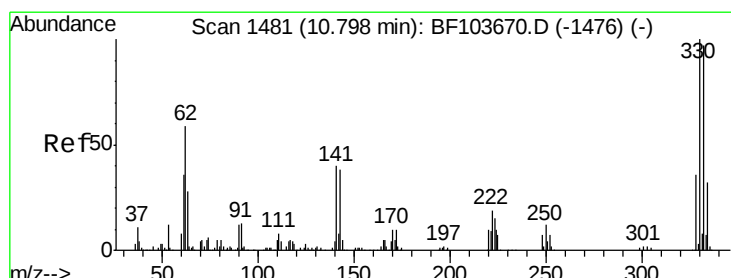
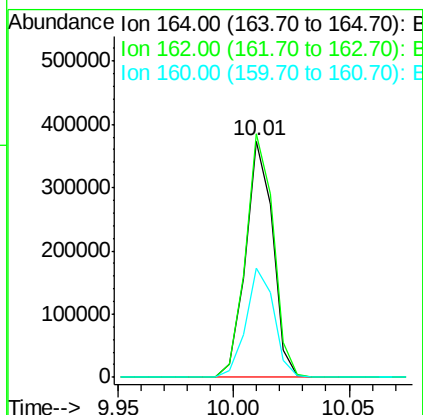
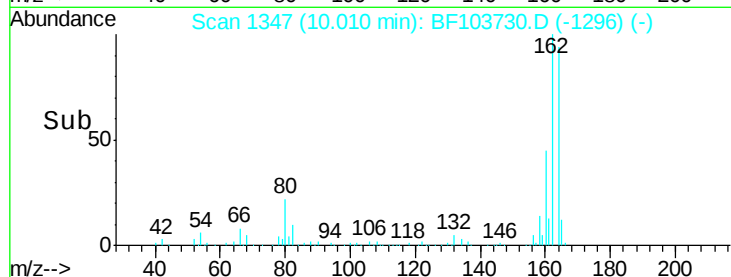
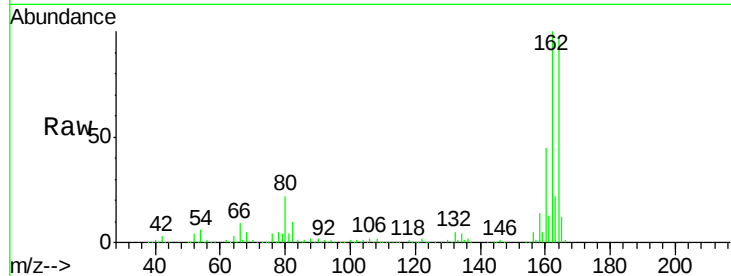
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF103730.D
Acq: 17 Mar 2018 9:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-013-B

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	46.0	38.3	57.5

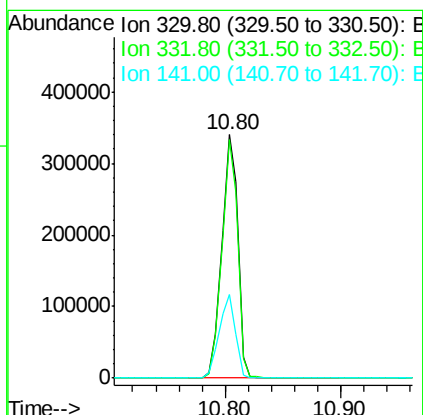
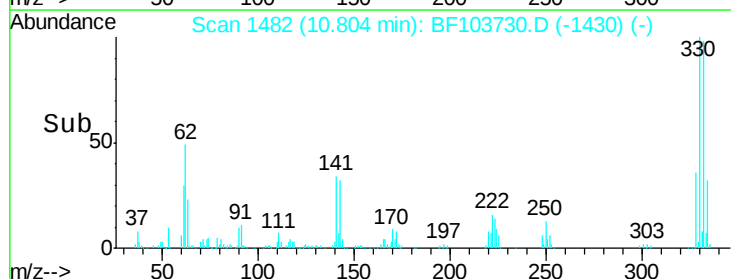
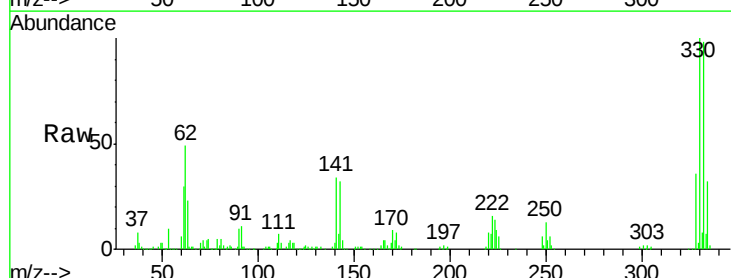
Manual Integrations
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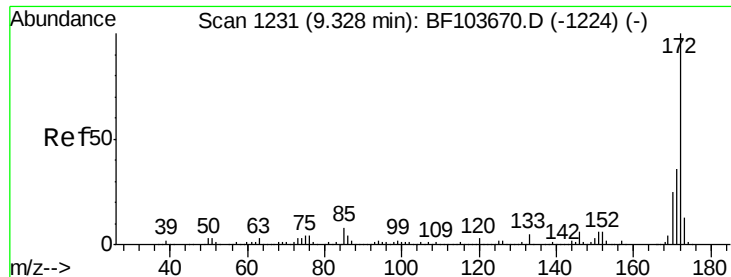
Sohil
3/19/2018 2:03:12 PM



#41
2,4,6-Tribromophenol
Concen: 123.860 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF103730.D
Acq: 17 Mar 2018 9:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	34.9	29.9	44.9





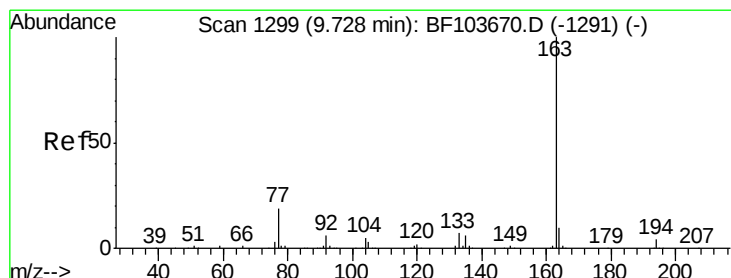
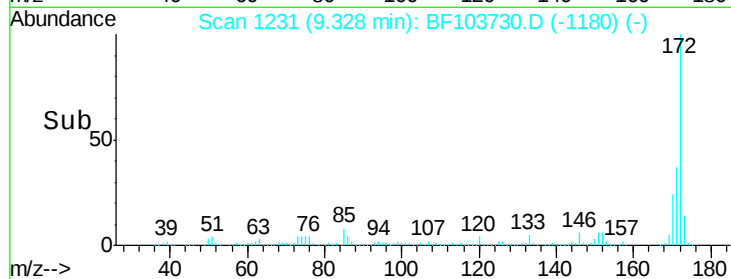
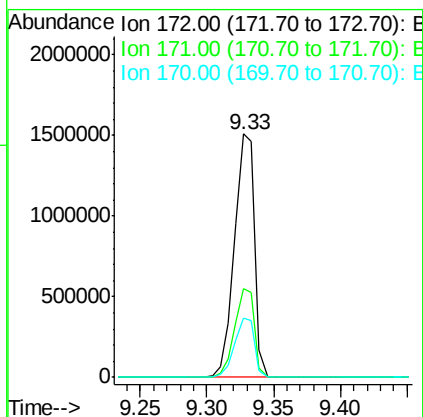
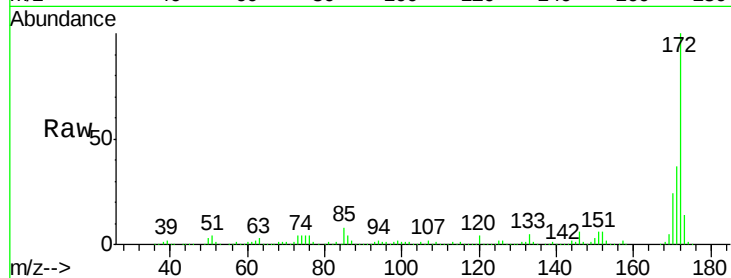
#44
2-Fluorobiphenyl
Concen: 82.660 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103730.D
Acq: 17 Mar 2018 9:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-013-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.4	19.6	29.4

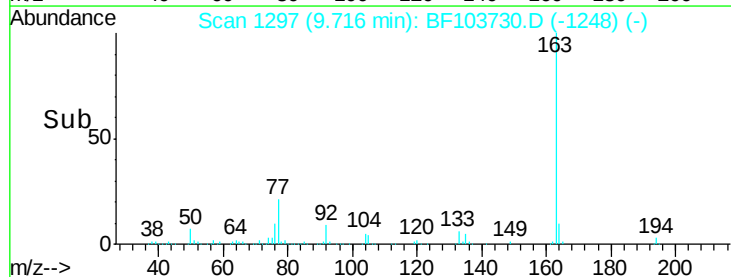
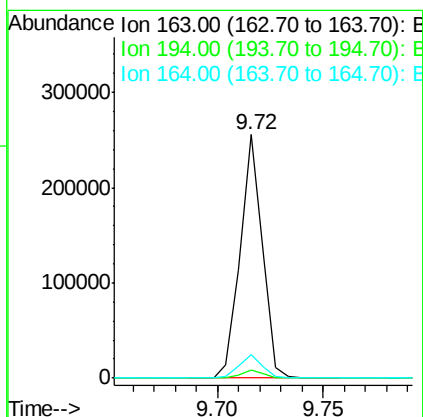
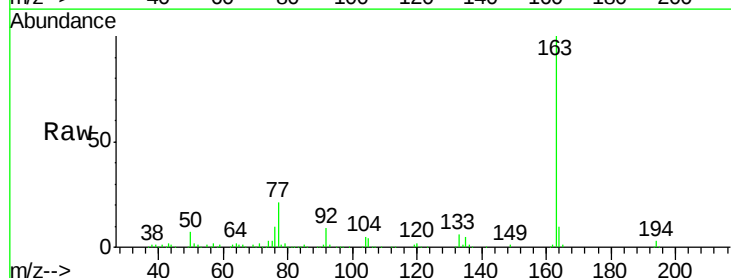
Manual Integrations
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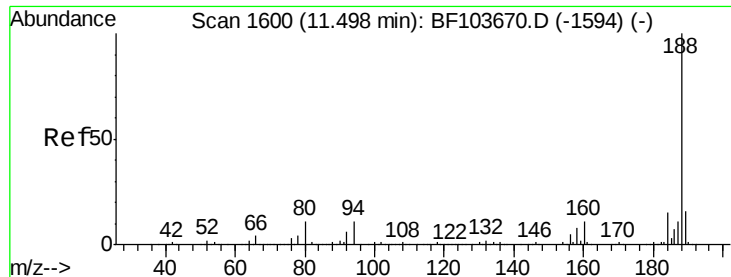
Sohil
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#49
Dimethylphthalate
Concen: 7.852 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103730.D
Acq: 17 Mar 2018 9:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.8	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF103730.D

Acq: 17 Mar 2018 9:00

Instrument :

BNA_F

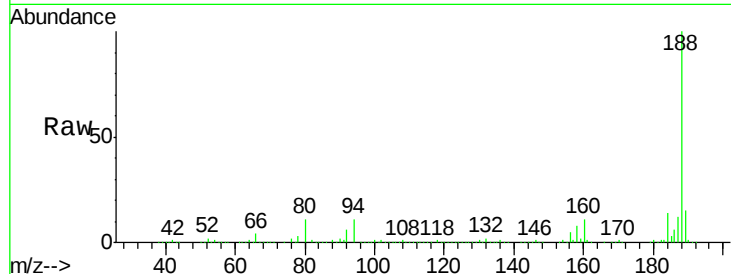
ClientSampleId :

FK-GF-02-013-B

Tot Ion:	188	Resp:	455299
Ion Ratio	Lower	Upper	
188	100		
94	11.1	8.5	12.7
80	11.5	9.2	13.8

Manual Integrations
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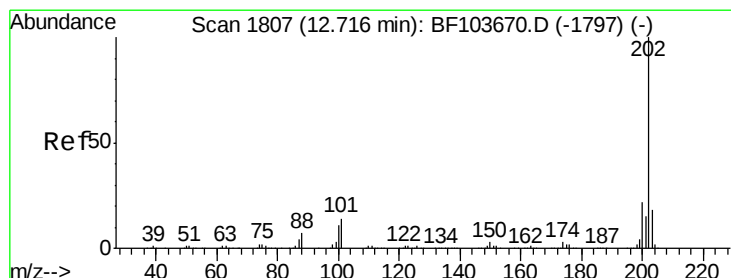
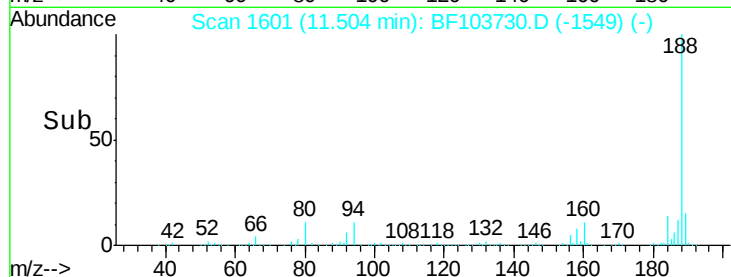
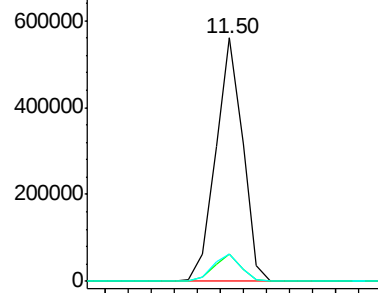
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#74

Fluoranthene

Concen: 2.475 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF103730.D

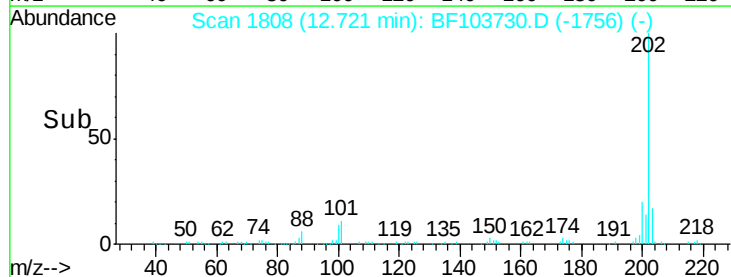
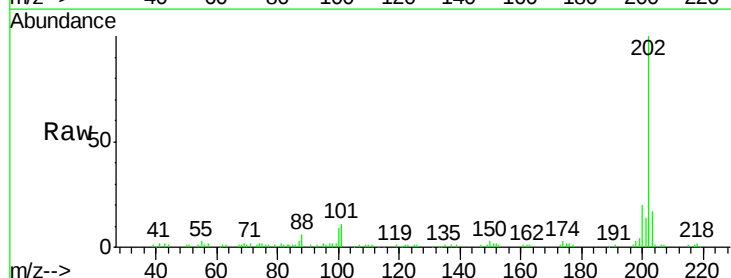
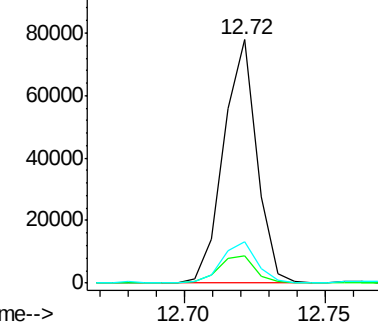
Acq: 17 Mar 2018 9:00

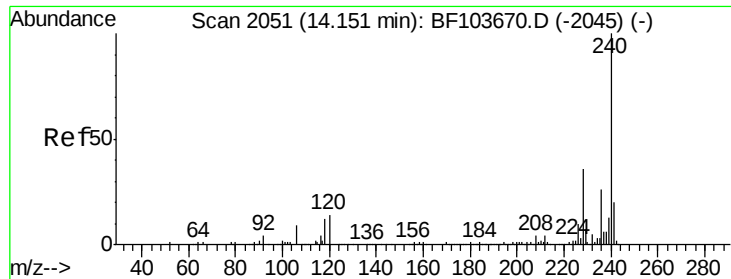
Tgt Ion:	202	Resp:	63514
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	34.1
203	17.2	0.0	38.1

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF103730.D

Acq: 17 Mar 2018 9:00

Instrument :

BNA_F

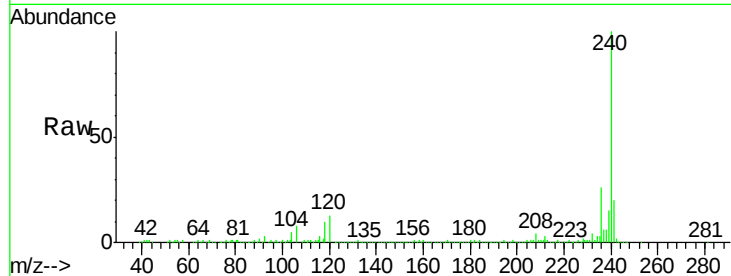
ClientSampleId :

FK-GF-02-013-B

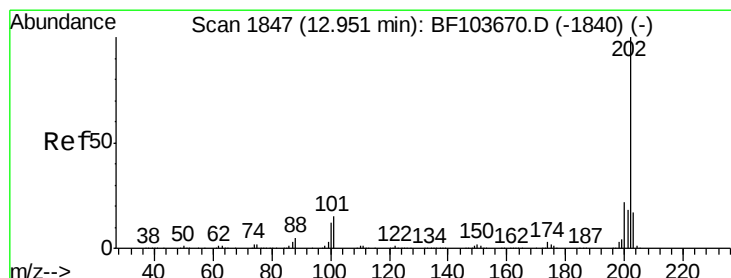
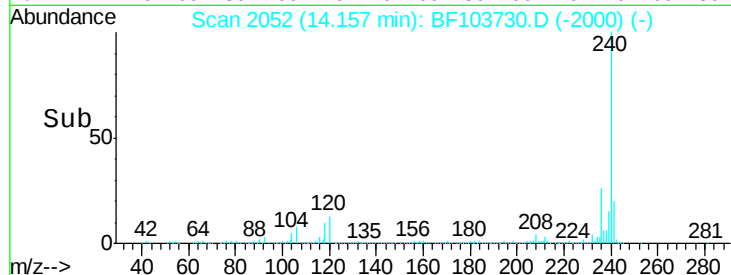
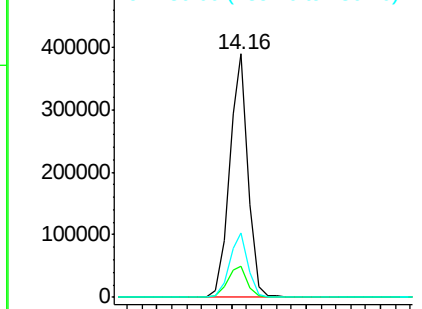
Tot Ion:	240	Resp:	339438
Ion Ratio	Lower	Upper	
240	100		
120	12.6	9.5	14.3
236	26.4	20.7	31.1

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.666 ng

RT: 12.95 min Scan# 1847

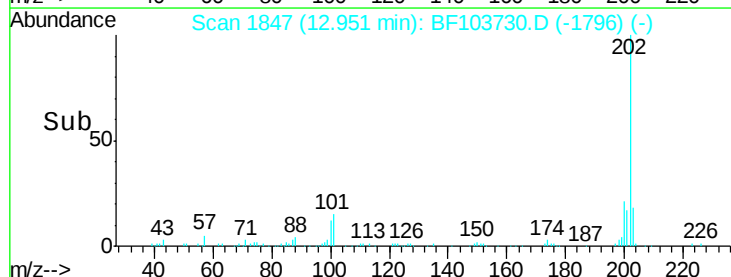
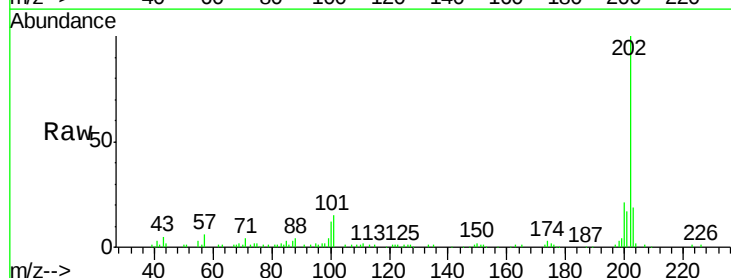
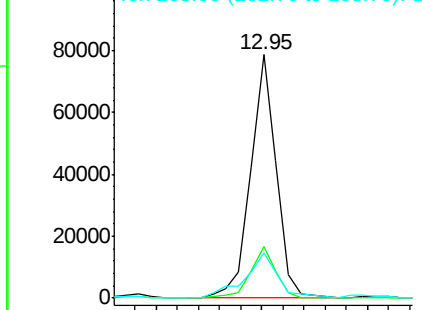
Delta R.T. 0.00 min

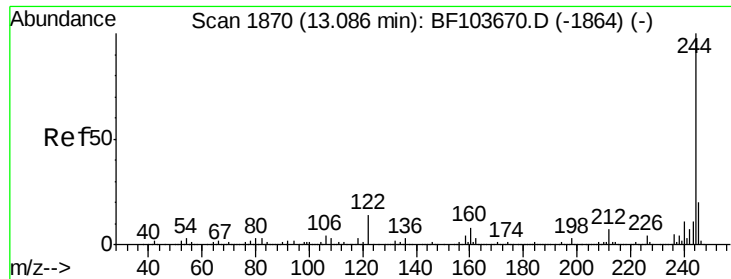
Lab File: BF103730.D

Acq: 17 Mar 2018 9:00

Tgt Ion:	202	Resp:	66469
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	18.5	14.3	21.5

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





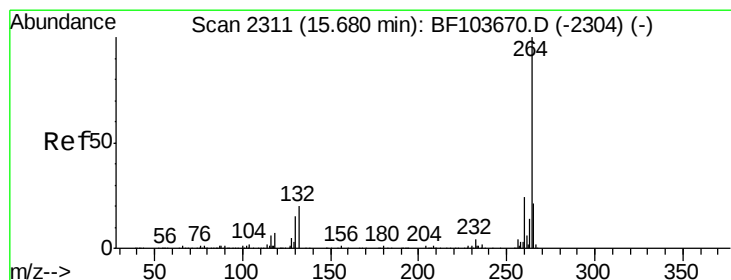
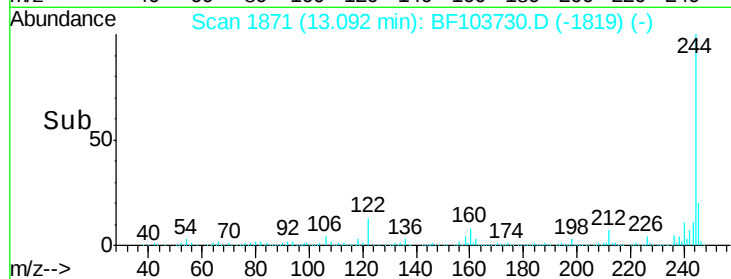
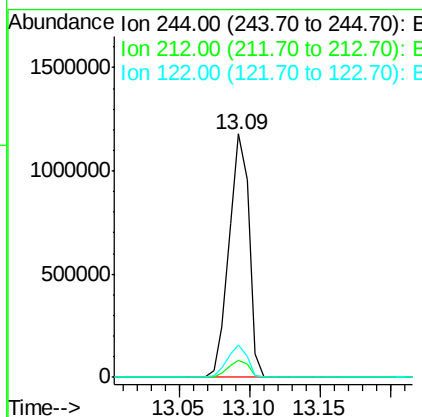
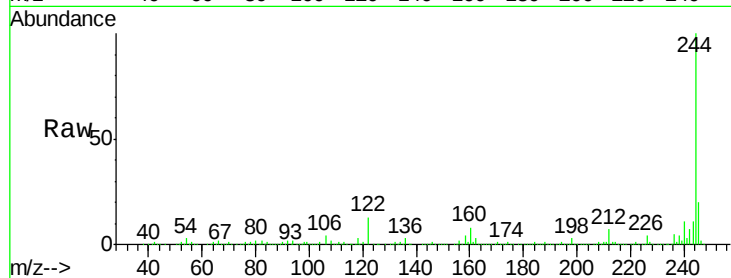
#78
 Terphenyl-d14
 Concen: 79.314 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.01 min
 Lab File: BF103730.D
 Acq: 17 Mar 2018 9:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-013-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.3	11.0	16.4

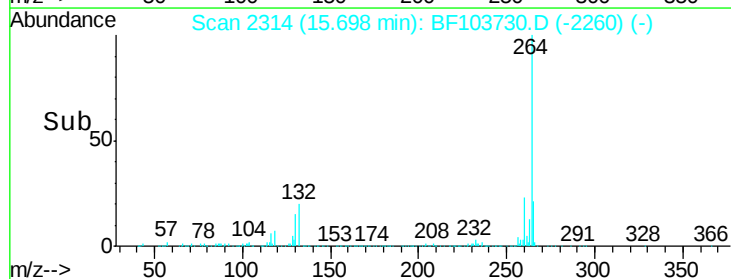
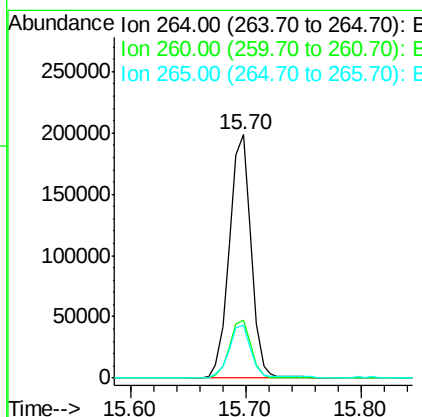
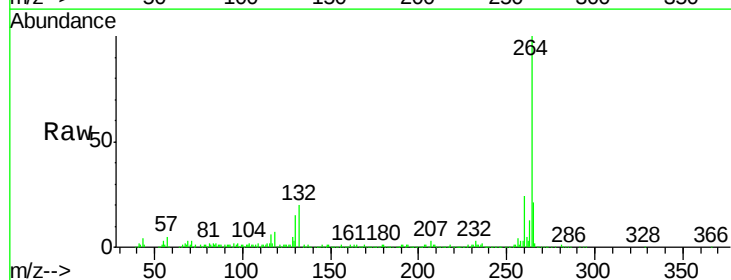
Manual Integrations
 APPROVED

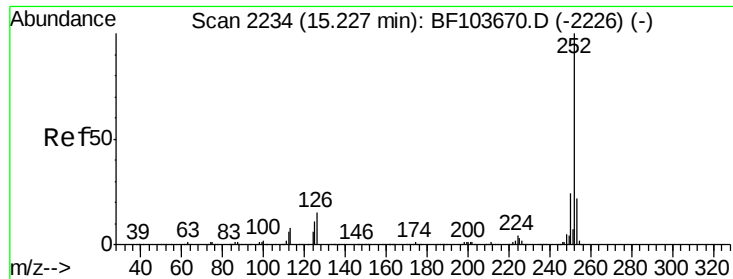
Sohil
 3/19/2018 2:03:12 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. 0.02 min
 Lab File: BF103730.D
 Acq: 17 Mar 2018 9:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 2.162 ng/mL

RT: 15.23 min Scan# 2235

Delta R.T. 0.01 min

Lab File: BF103730.D

Acq: 17 Mar 2018 9:00

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-013-B

Tot Ion:	252	Resp:	35370
Ion Ratio	Lower	Upper	
252	100		
253	26.9	17.0	25.6#
125	19.1	9.0	13.6#

Manual Integrations
APPROVED

Sohil
3/19/2018 2:03:12 PM

