

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103729.D
 Acq On : 17 Mar 2018 8:33
 Operator : JU/SJ
 Sample : J1947-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 3/19/2018 2:03:10 PM

Quant Time: Mar 19 08:15:14 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	148327	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	574485	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	232737	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	332184	20.00	ng	0.00
75) Chrysene-d12	14.15	240	294911	20.00	ng	0.00
86) Perylene-d12	15.69	264	236216	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1174230	120.41	ng	0.02
7) Phenol-d6	6.60	99	1427334	119.63	ng	0.01
23) Nitrobenzene-d5	7.53	82	854493	103.73	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	237673	118.77	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1307272	89.60	ng	0.00
78) Terphenyl-d14	13.09	244	928514	73.08	ng	0.00
Target Compounds						
10) Phenol	6.60	94	40228	3.173	ng	95
49) Dimethylphthalate	9.72	163	133260	7.505	ng	99
70) Phenanthrene	11.53	178	94996	5.228	ng	98
74) Fluoranthene	12.72	202	109807	5.866	ng	96
77) Pyrene	12.95	202	106674	4.925	ng	99
80) Benzo(a)anthracene	14.14	228	56387	3.021	ng	96
82) Chrysene	14.18	228	50845	2.857	ng	98
87) Benzo(b)fluoranthene	15.23	252	52925m	3.546	ng	
89) Benzo(a)pyrene	15.62	252	36077	2.665	ng	# 94

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

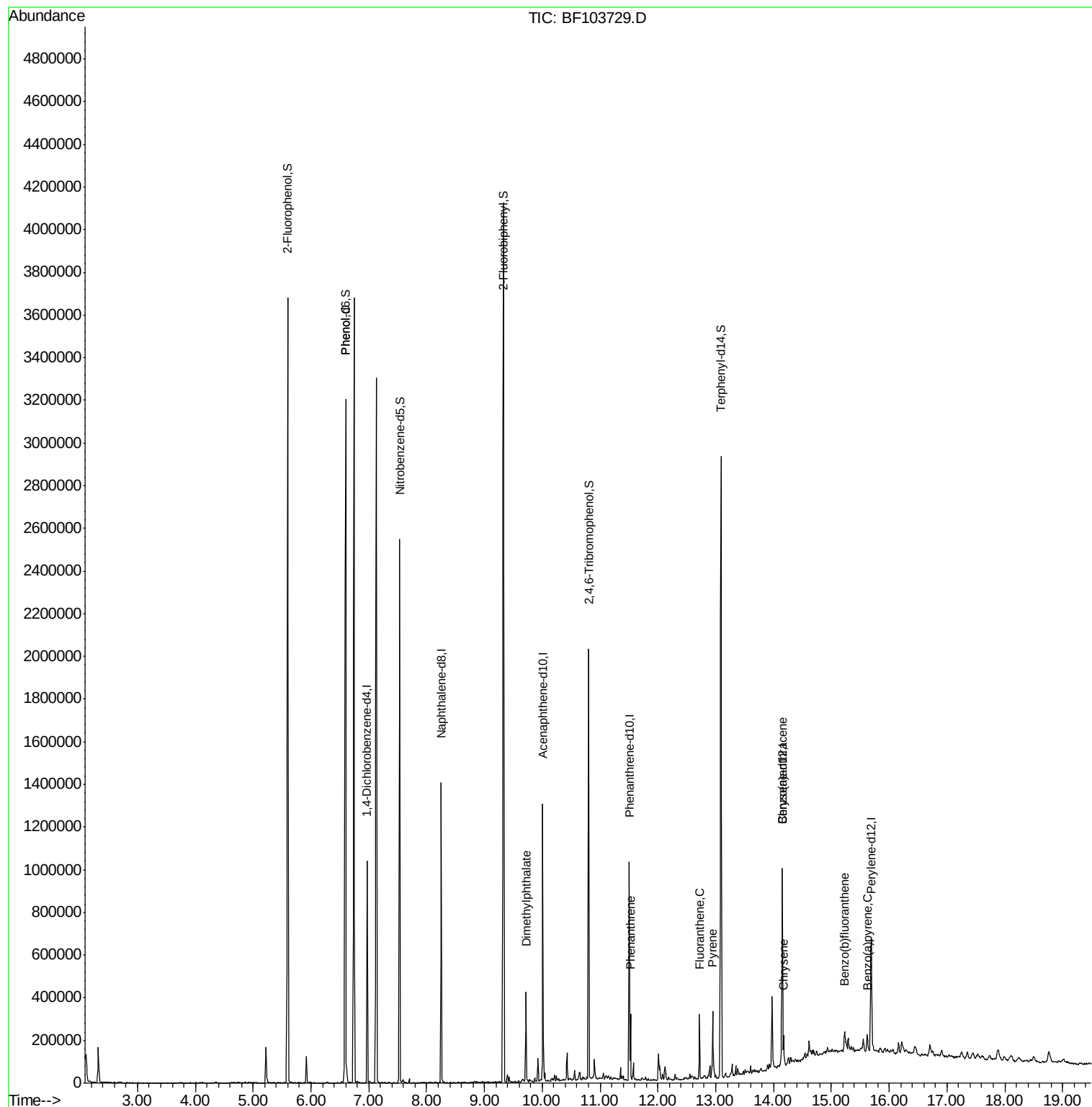
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103729.D
Acq On : 17 Mar 2018 8:33
Operator : JU/SJ
Sample : J1947-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

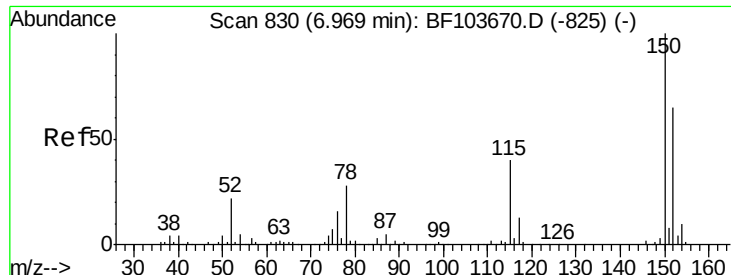
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-013-A

Manual Integrations
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3/19/2018 2:03:10 PM

Quant Time: Mar 19 08:15:14 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

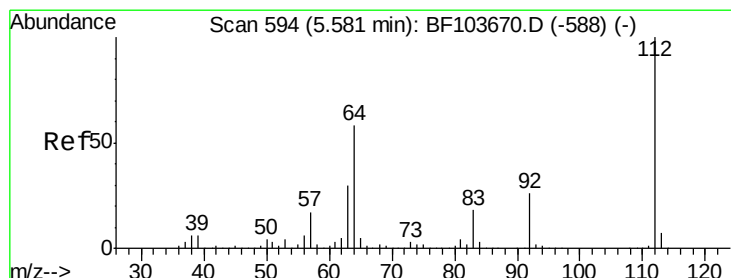
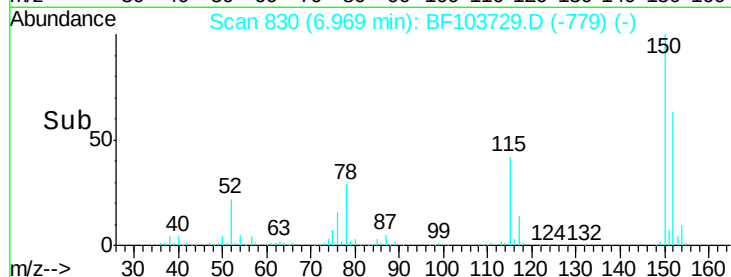
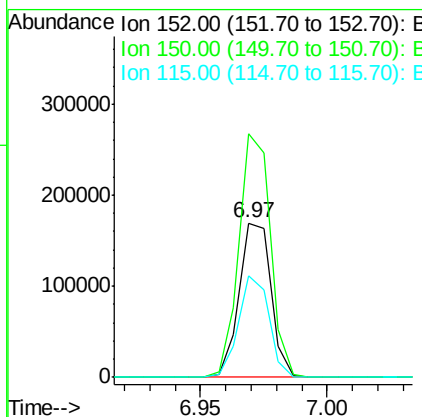
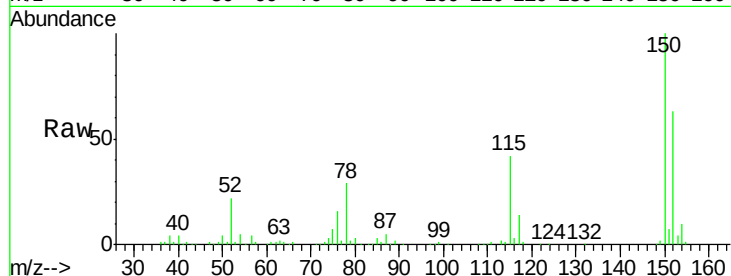
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103729.D
Acq: 17 Mar 2018 8:33

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	66.0	50.1	75.1

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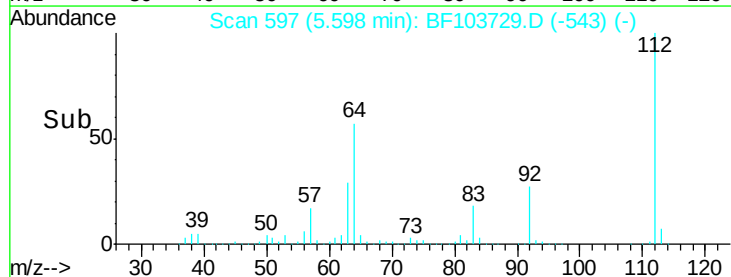
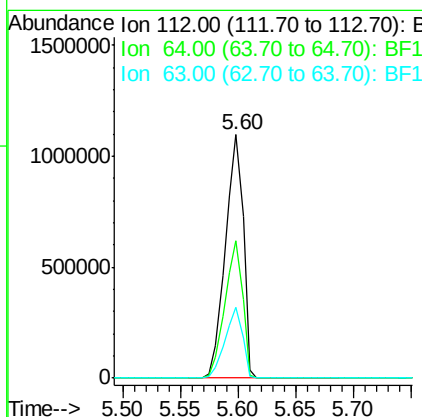
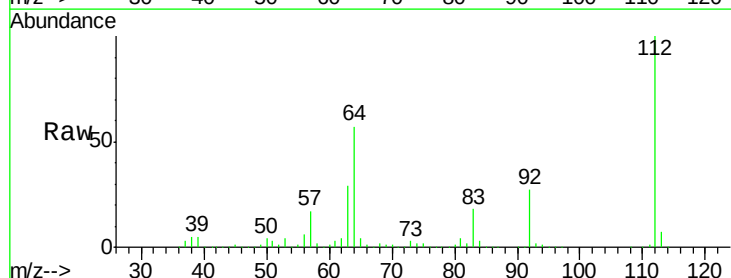
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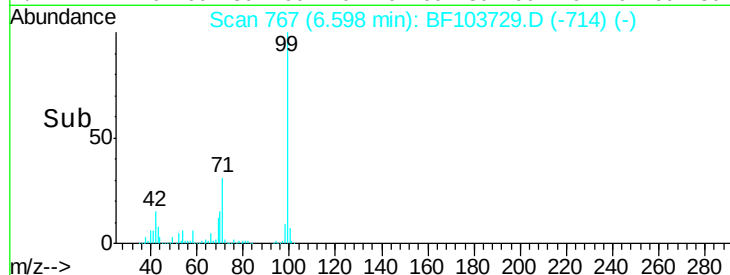
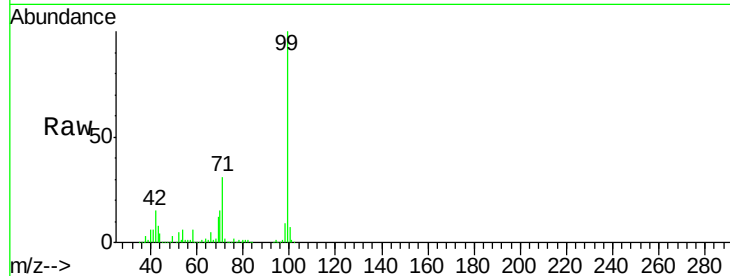
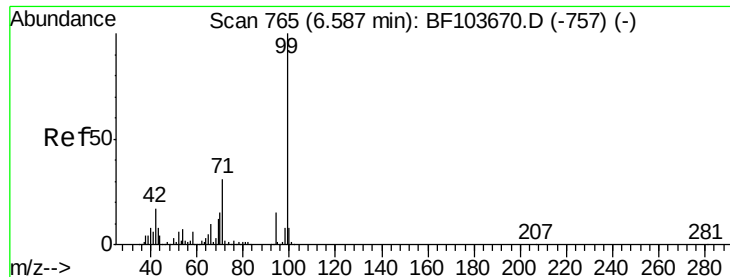


#5

2-Fluorophenol
Concen: 120.409 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.02 min
Lab File: BF103729.D
Acq: 17 Mar 2018 8:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.9	71.9
63	28.9	23.7	35.5





#7

Phenol-d6

Concen: 119.634 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103729.D

Acq: 17 Mar 2018 8:33

Tot Ion:	99	Resp:	1427334
Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	31.2	25.4	38.0

Instrument :

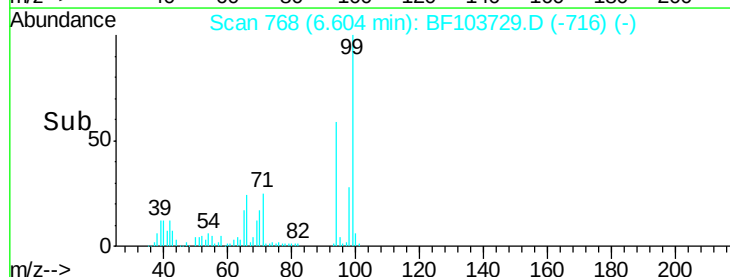
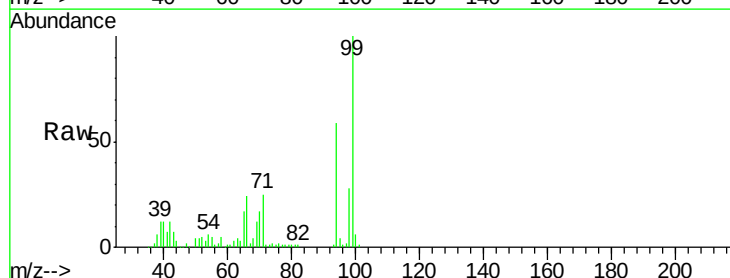
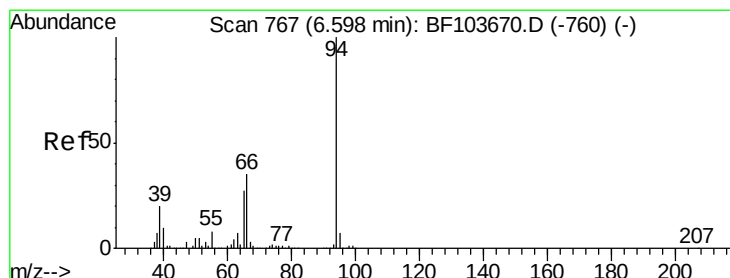
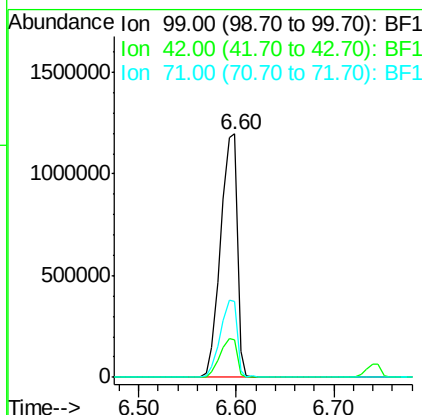
BNA_F

ClientSampleId :

FK-GF-02-013-A

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#10

Phenol

Concen: 3.173 ng

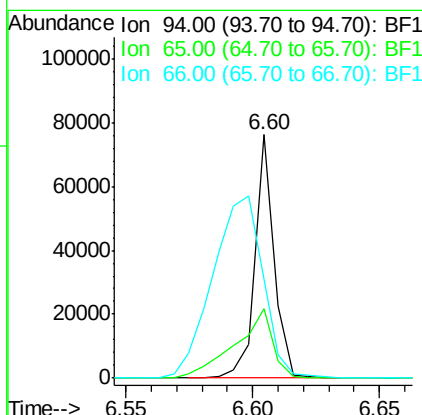
RT: 6.60 min Scan# 768

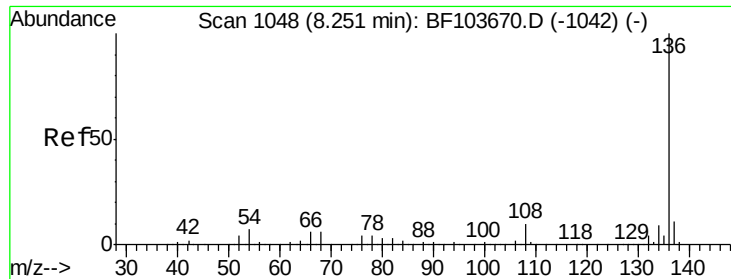
Delta R.T. 0.01 min

Lab File: BF103729.D

Acq: 17 Mar 2018 8:33

Tgt Ion:	94	Resp:	40228
Ion	Ratio	Lower	Upper
94	100		
65	28.6	7.9	47.9
66	40.4	16.2	56.2





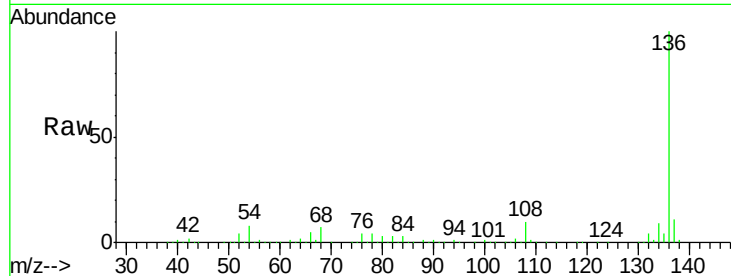
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF103729.D
Acq: 17 Mar 2018 8:33

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

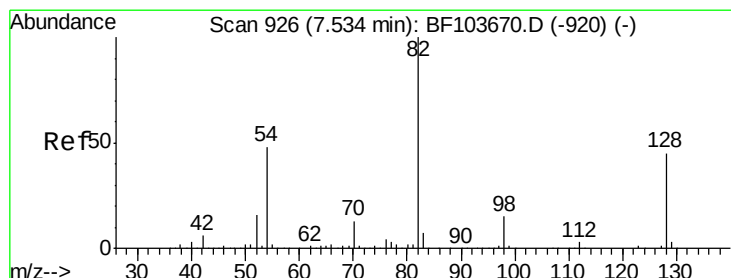
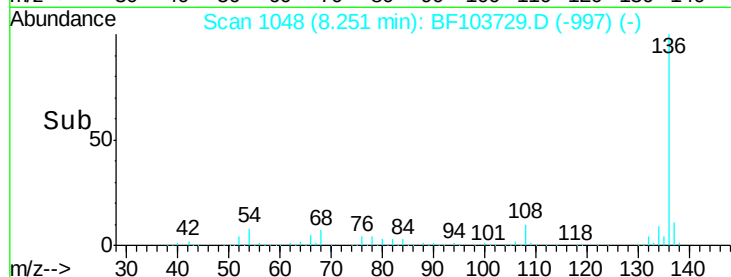
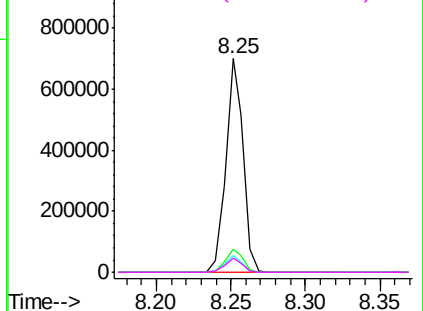
Tot Ion	Ratio	Resp	Lower	Upper
136	100	574485		
137	11.0	8.9	13.3	
54	7.8	6.6	9.8	
68	6.5	5.0	7.4	

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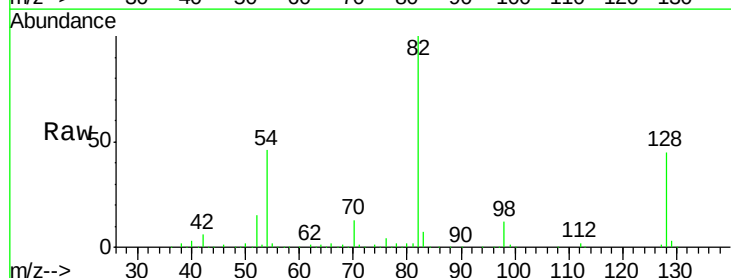


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

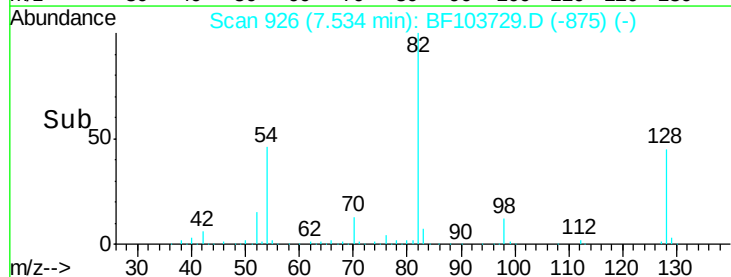
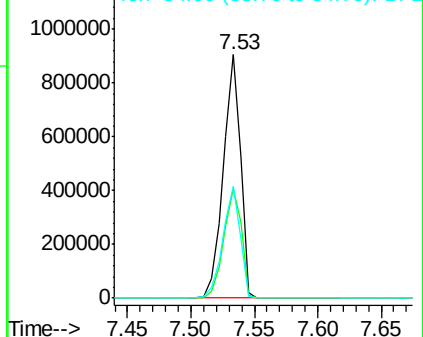


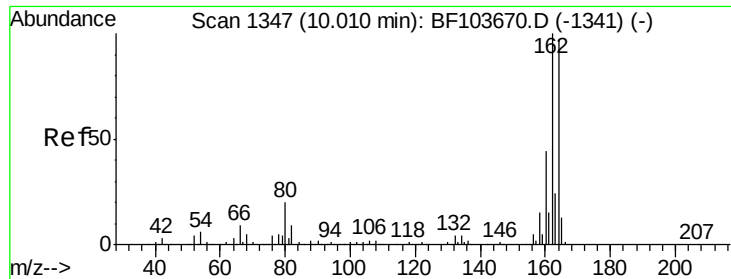
#23
Nitrobenzene-d5
Concen: 103.726 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF103729.D
Acq: 17 Mar 2018 8:33

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	854493		
128	44.9	36.1	54.1	
54	45.8	41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





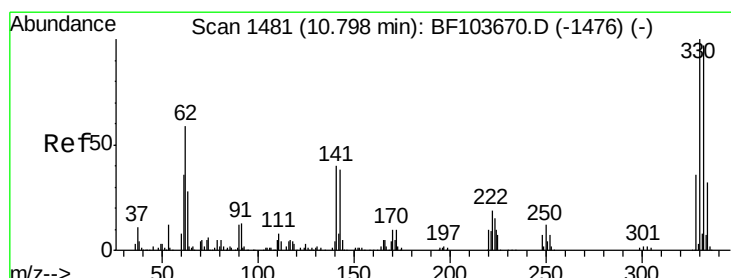
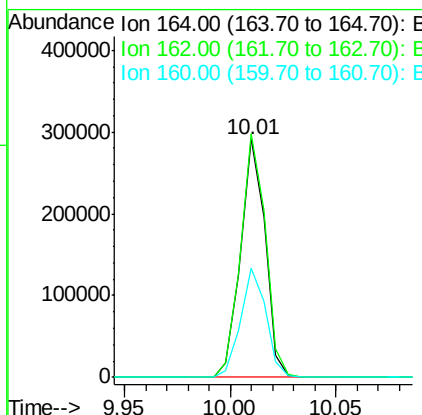
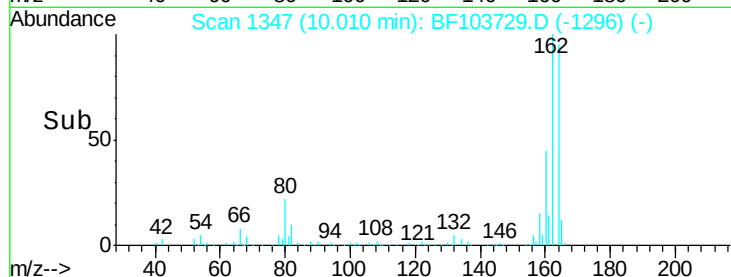
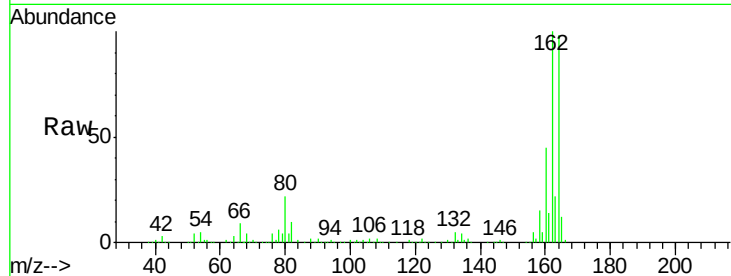
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF103729.D
Acq: 17 Mar 2018 8:33

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	45.7	38.3	57.5

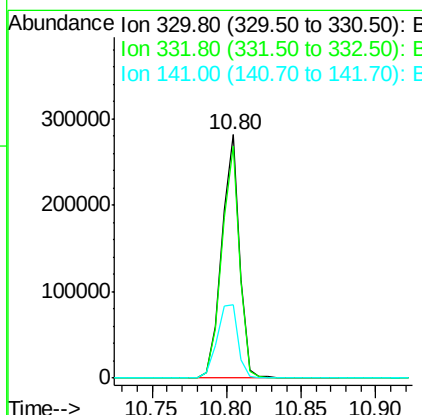
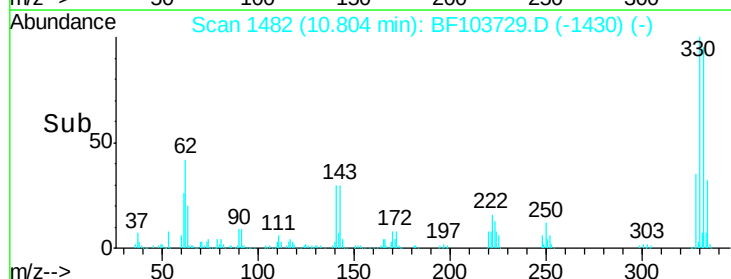
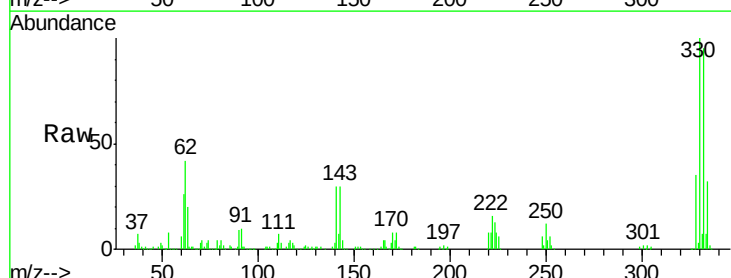
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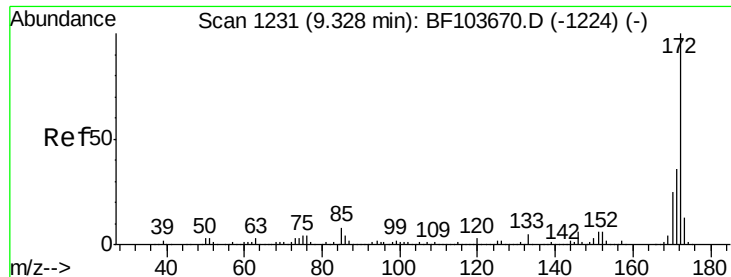
Sohil
3/19/2018 2:03:10 PM



#41
2,4,6-Tribromophenol
Concen: 118.772 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF103729.D
Acq: 17 Mar 2018 8:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	35.5	29.9	44.9





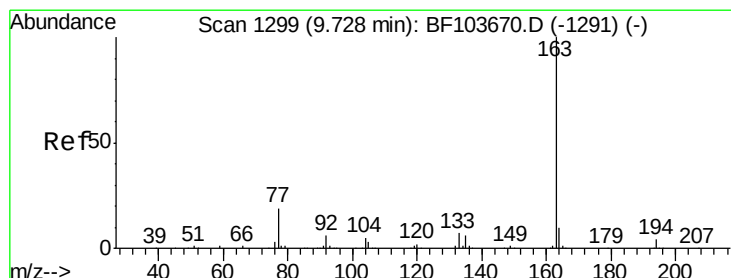
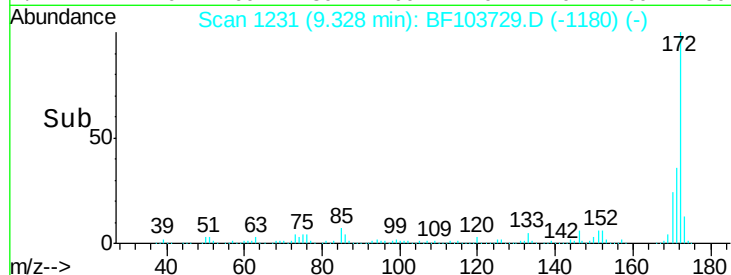
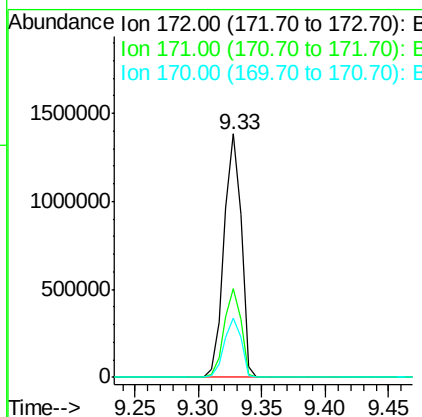
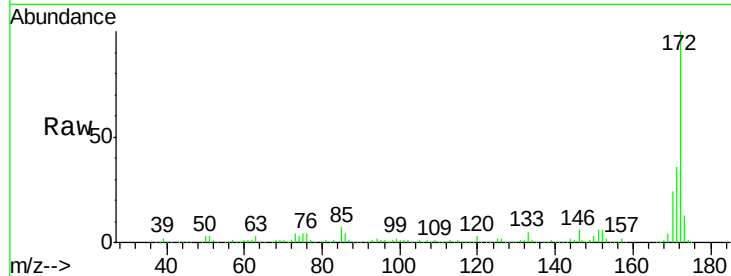
#44
2-Fluorobiphenyl
Concen: 89.599 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103729.D
Acq: 17 Mar 2018 8:33

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.3	19.6	29.4

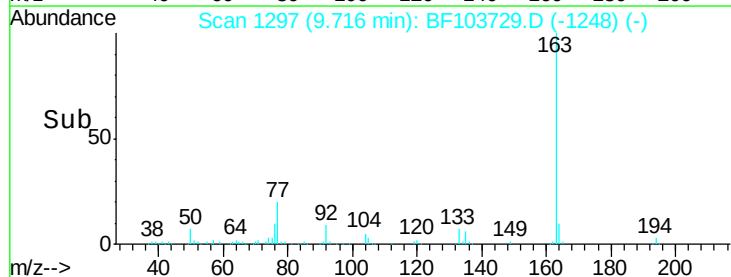
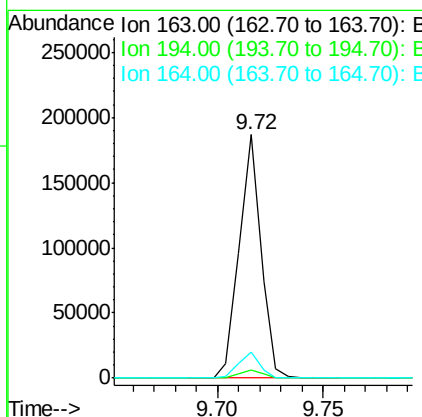
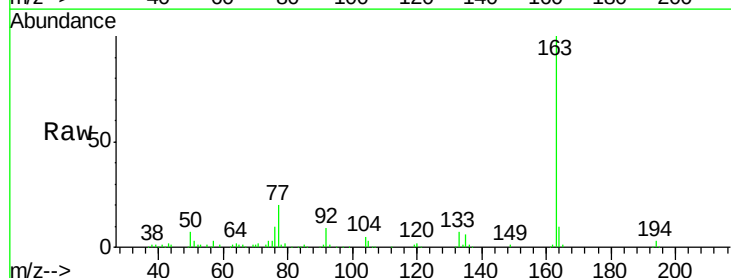
Manual Integrations
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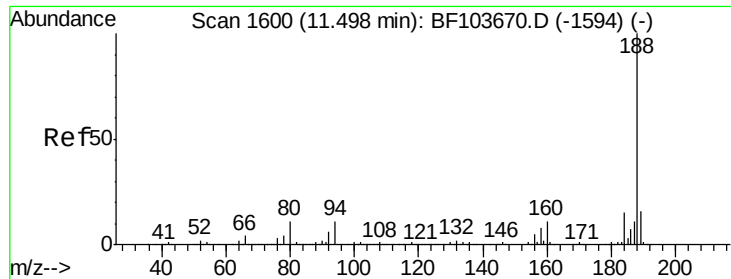
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#49
Dimethylphthalate
Concen: 7.505 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103729.D
Acq: 17 Mar 2018 8:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.4	8.2	12.2





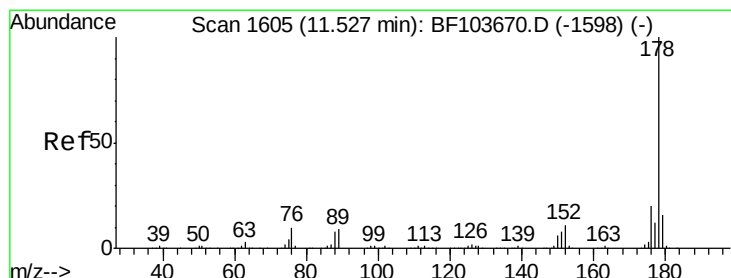
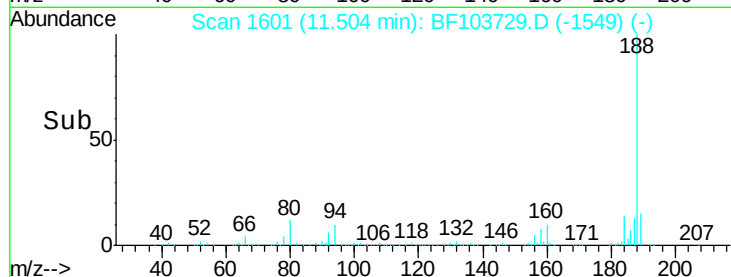
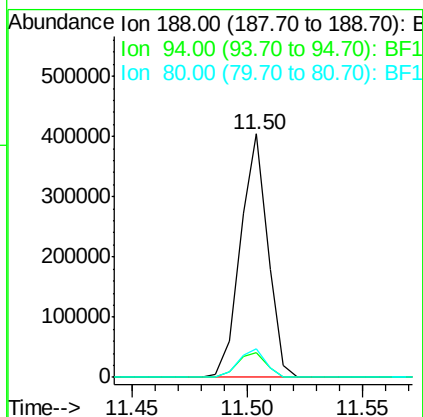
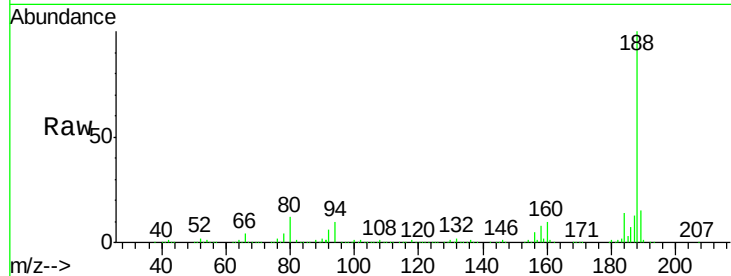
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103729.D
Acq: 17 Mar 2018 8:33

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	332184		
94	10.2		8.5	12.7
80	11.6		9.2	13.8

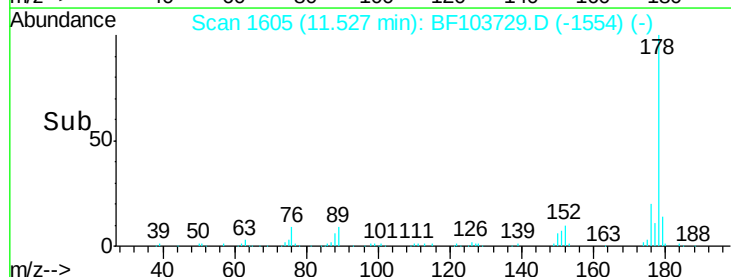
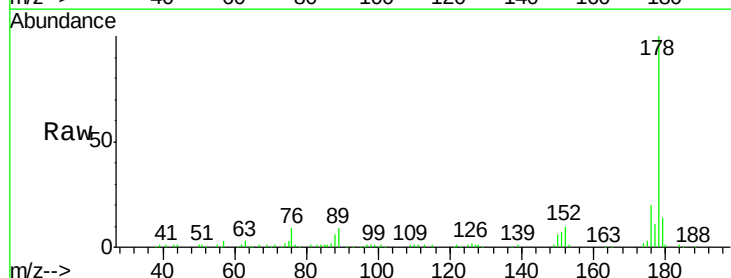
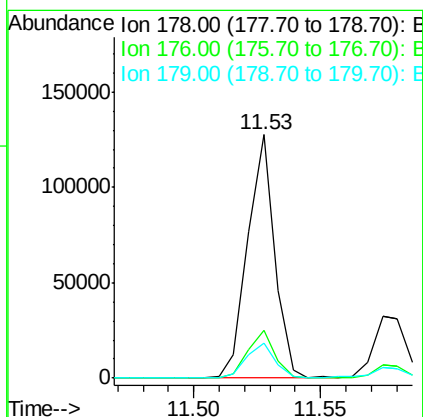
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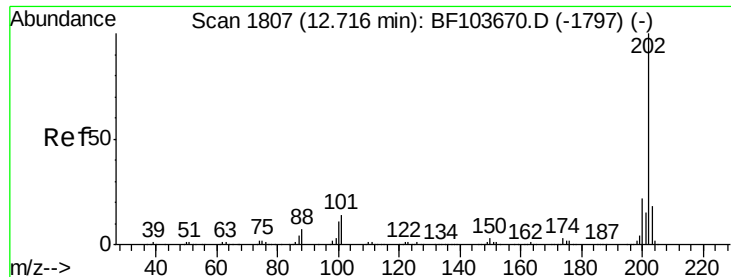
Sohil
3/19/2018 2:03:10 PM



#70
Phenanthrene
Concen: 5.228 ng
RT: 11.53 min Scan# 1605
Delta R.T. 0.00 min
Lab File: BF103729.D
Acq: 17 Mar 2018 8:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	94996		
176	19.7		15.8	23.8
179	14.3		13.0	19.6





#74

Fluoranthene

Concen: 5.866 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF103729.D

Acq: 17 Mar 2018 8:33

Instrument :

BNA_F

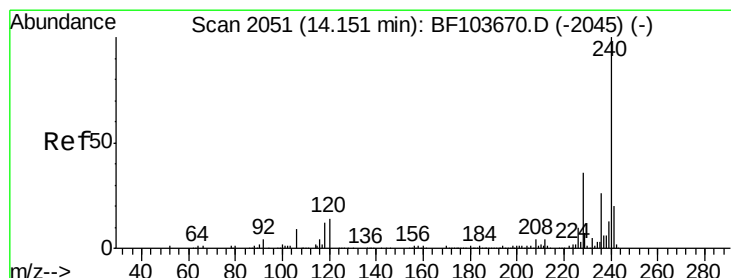
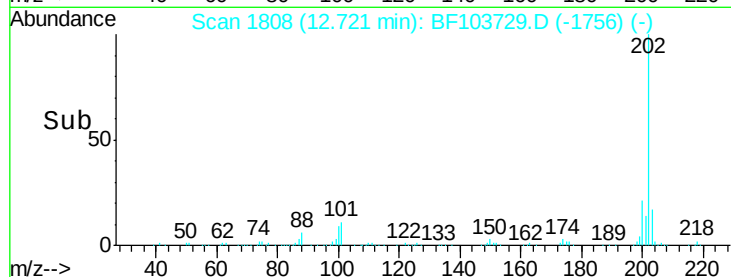
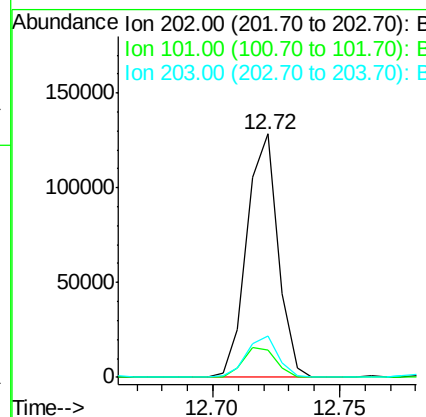
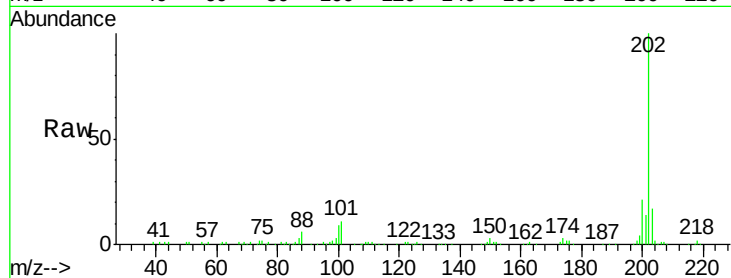
ClientSampleId :

FK-GF-02-013-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	0.0	34.1
203	16.9	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

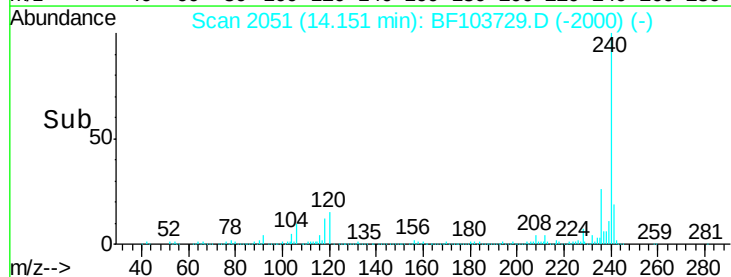
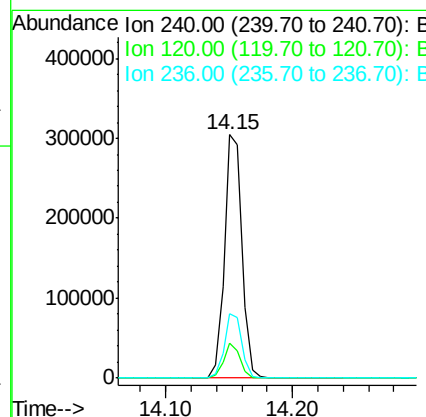
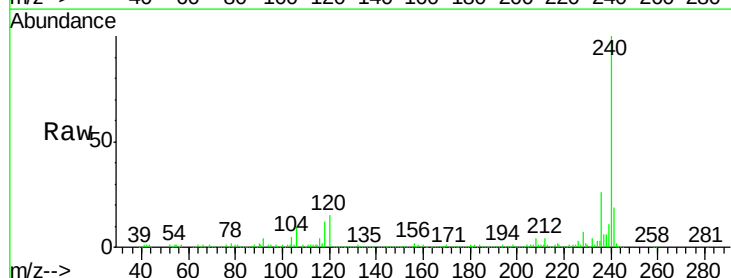
RT: 14.15 min Scan# 2051

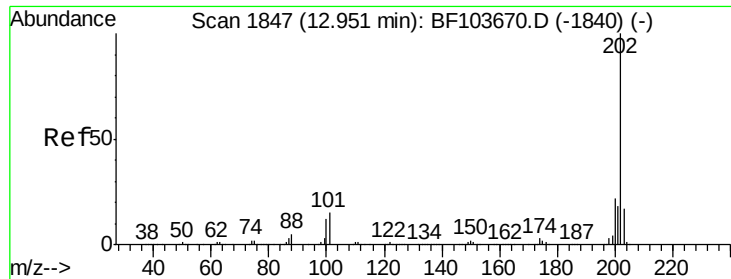
Delta R.T. 0.00 min

Lab File: BF103729.D

Acq: 17 Mar 2018 8:33

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	26.3	20.7	31.1





#77

Pvrene

Concen: 4.925 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF103729.D

Acq: 17 Mar 2018 8:33

Instrument :

BNA_F

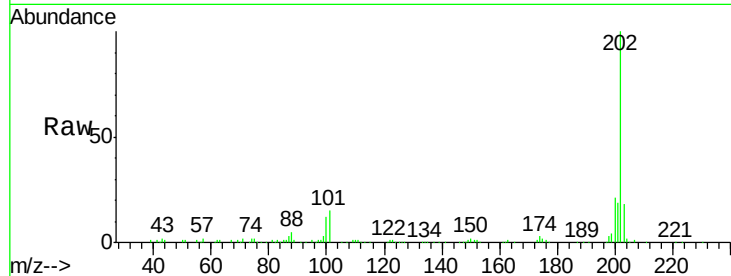
ClientSampleId :

FK-GF-02-013-A

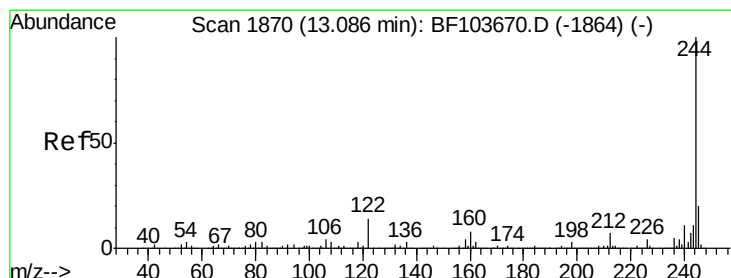
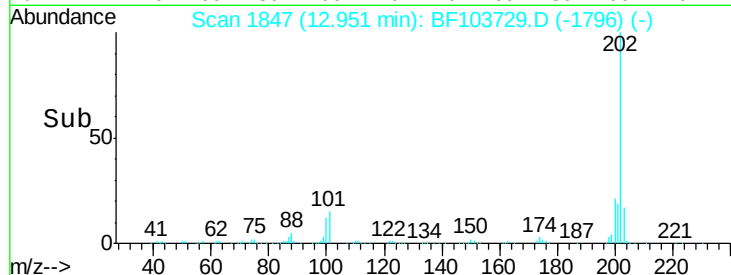
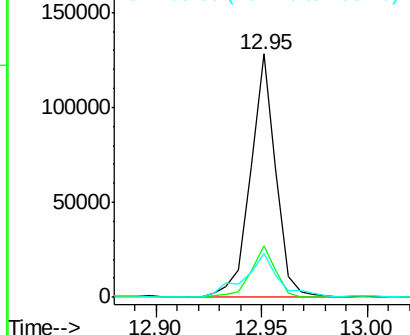
Tot Ion:	202	Resp:	106674
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	17.8	14.3	21.5

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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: 73.080 ng

RT: 13.09 min Scan# 1871

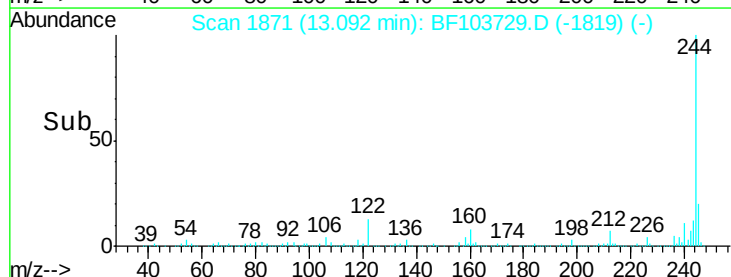
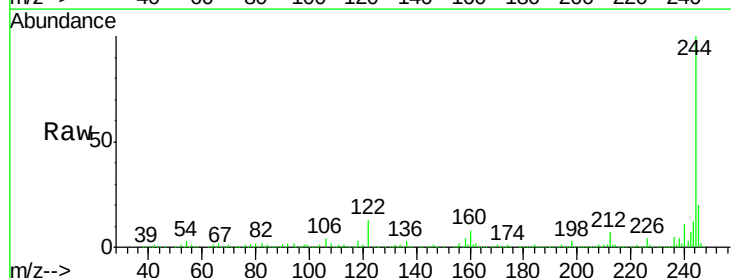
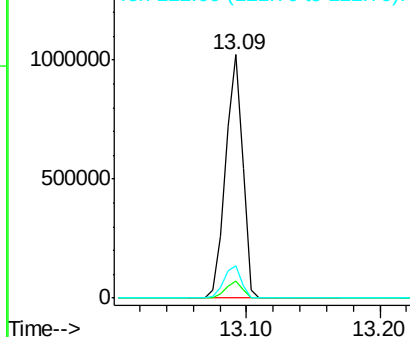
Delta R.T. 0.01 min

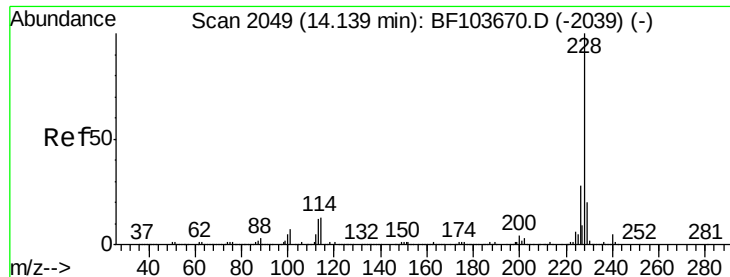
Lab File: BF103729.D

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Tgt Ion:	244	Resp:	928514
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	13.3	11.0	16.4

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





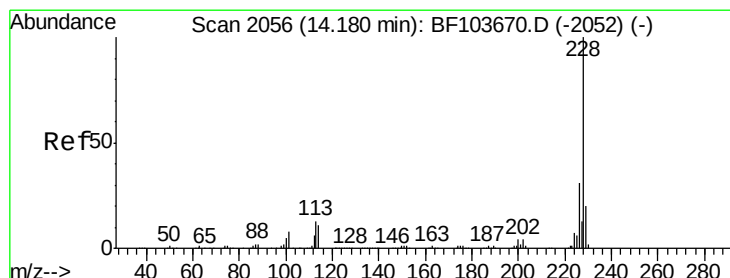
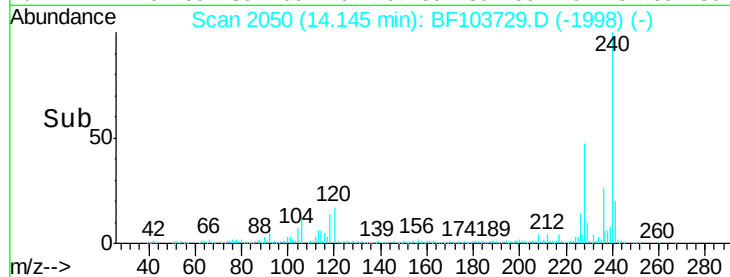
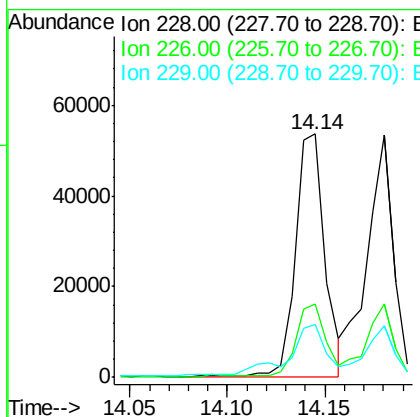
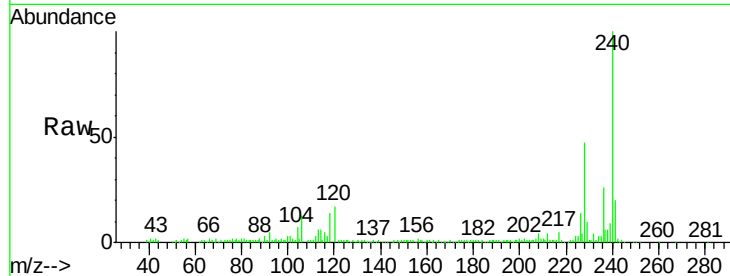
#80
Benzo(a)anthracene
Concen: 3.021 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF103729.D
Acq: 17 Mar 2018 8:33

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	33.8
229	21.9	15.8	23.6

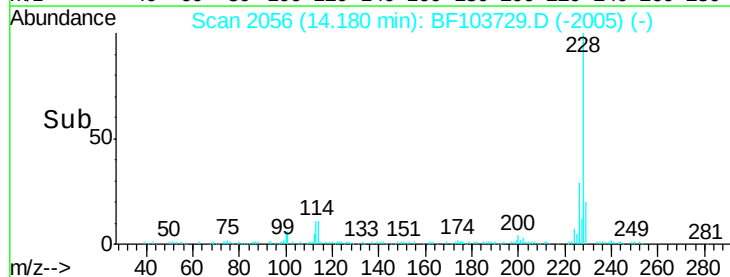
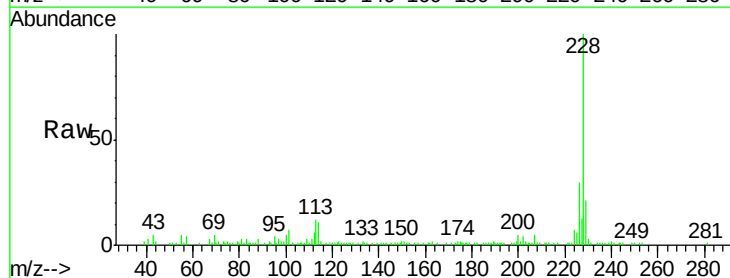
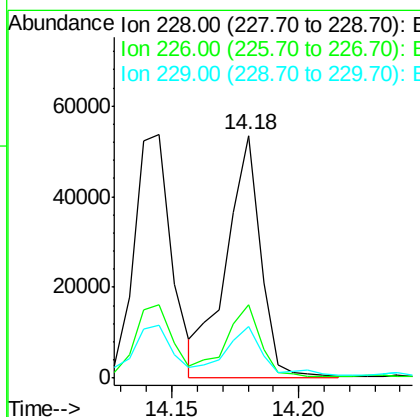
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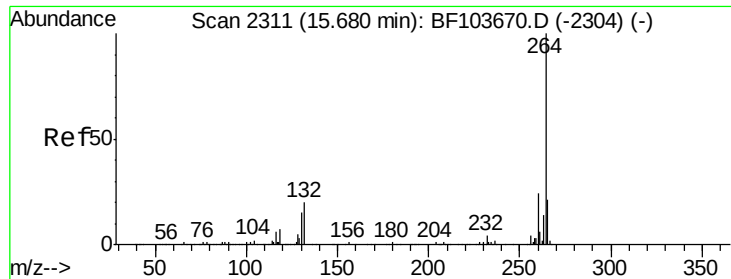
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#82
Chrysene
Concen: 2.857 ng
RT: 14.18 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BF103729.D
Acq: 17 Mar 2018 8:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	21.3	16.2	24.4





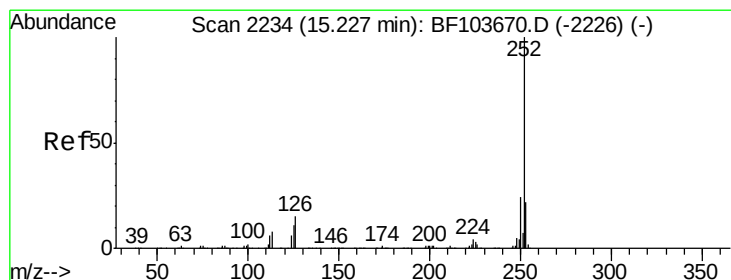
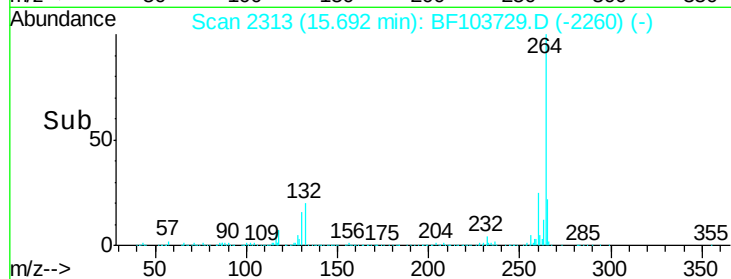
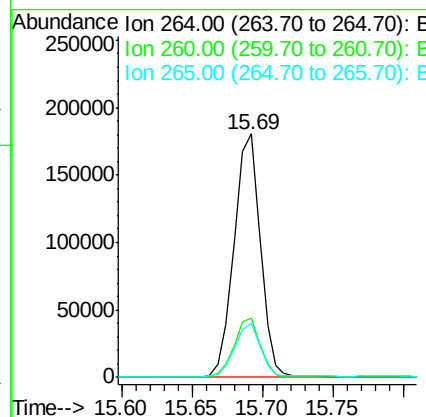
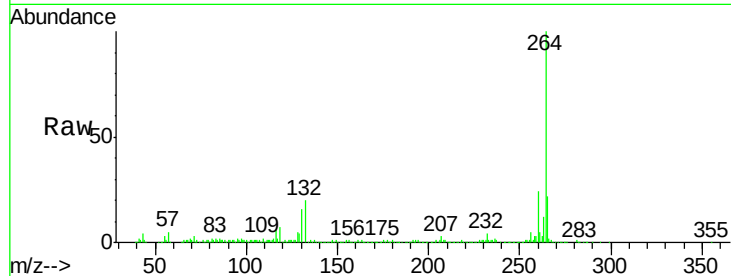
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF103729.D
Acq: 17 Mar 2018 8:33

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

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.3	17.5	26.3

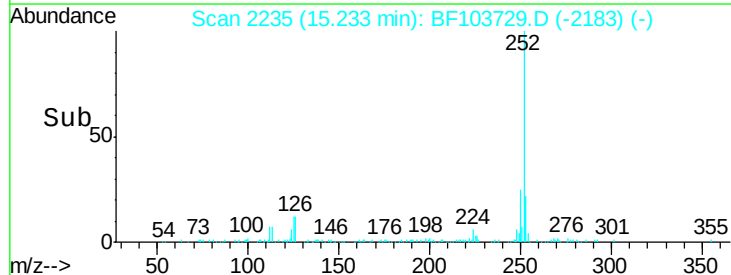
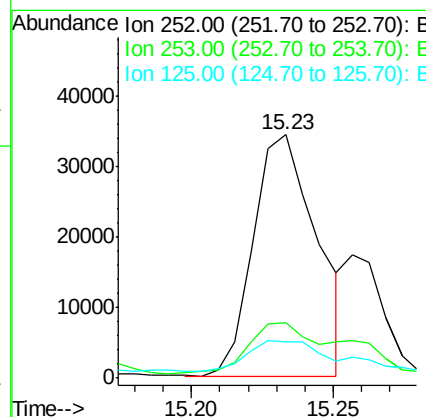
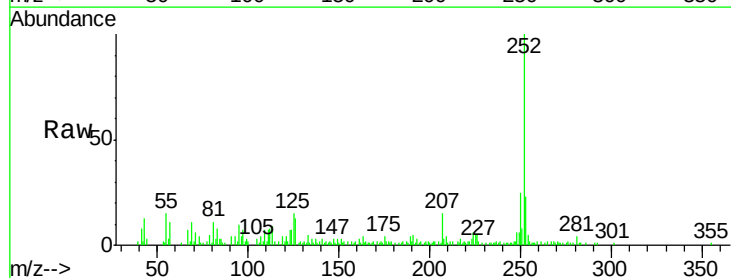
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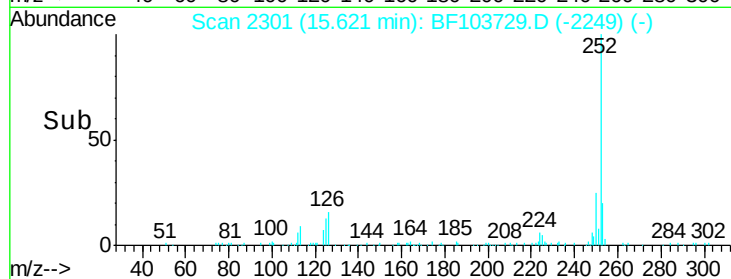
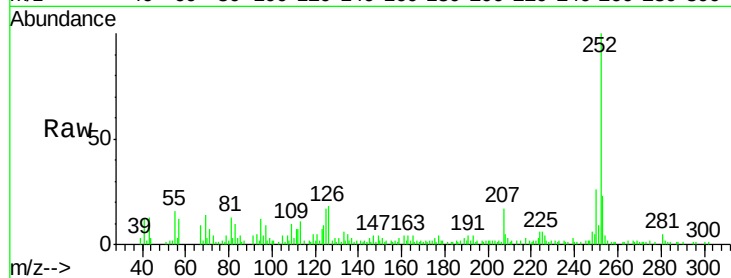
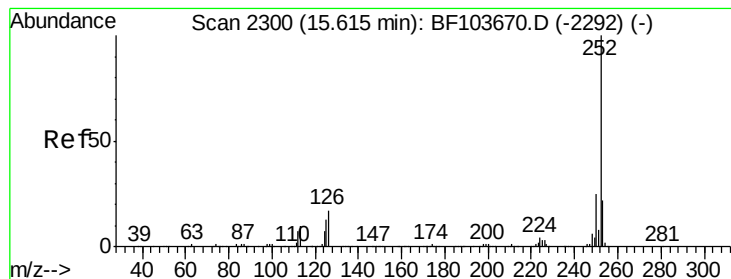
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#87
Benzo(b)fluoranthene
Concen: 3.546 ng m
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF103729.D
Acq: 17 Mar 2018 8:33

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.0	17.0	25.6
125	14.7	9.0	13.6#





#89
 Benzo(a)pyrene
 Concen: 2.665 ng
 RT: 15.62 min Scan# 2301
 Delta R.T. 0.01 min
 Lab File: BF103729.D
 Acq: 17 Mar 2018 8:33

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	16.7	9.8	14.6

Manual Integrations
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