

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF033018\
 Data File : BF104116.D
 Acq On : 31 Mar 2018 1:44
 Operator : JU/SJ
 Sample : J2142-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GB-RT-3025

Manual Integrations
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Sohil
 4/2/2018 5:06:08 PM

Quant Time: Mar 31 04:24:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 30 17:20:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	99969	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	413221	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	178180	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	280113	20.00	ng	0.00
75) Chrysene-d12	14.14	240	217309	20.00	ng	0.00
86) Perylene-d12	15.68	264	186485	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	563468	89.89	ng	0.00
7) Phenol-d6	6.59	99	728212	94.42	ng	0.00
23) Nitrobenzene-d5	7.52	82	425768	63.01	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	159604	80.44	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	752230	66.57	ng	0.00
78) Terphenyl-d14	13.07	244	566812	60.22	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	67503	4.798	ng	Qvalue 100
70) Phenanthrene	11.52	178	211313	13.934	ng	97
71) Anthracene	11.57	178	72873	4.600	ng	99
74) Fluoranthene	12.71	202	361122	22.402	ng	96
77) Pyrene	12.94	202	303752	19.445	ng	98
80) Benzo(a)anthracene	14.13	228	167185	12.295	ng	97
82) Chrysene	14.17	228	130723	9.816	ng	97
85) Indeno(1,2,3-cd)pyrene	17.26	276	57390	4.158	ng	# 88
87) Benzo(b)fluoranthene	15.22	252	135038m	11.898	ng	
88) Benzo(k)fluoranthene	15.24	252	65612m	6.137	ng	
89) Benzo(a)pyrene	15.62	252	108516	10.318	ng	96
91) Benzo(a,h,i)perylene	17.74	276	49717	5.105	ng	93

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

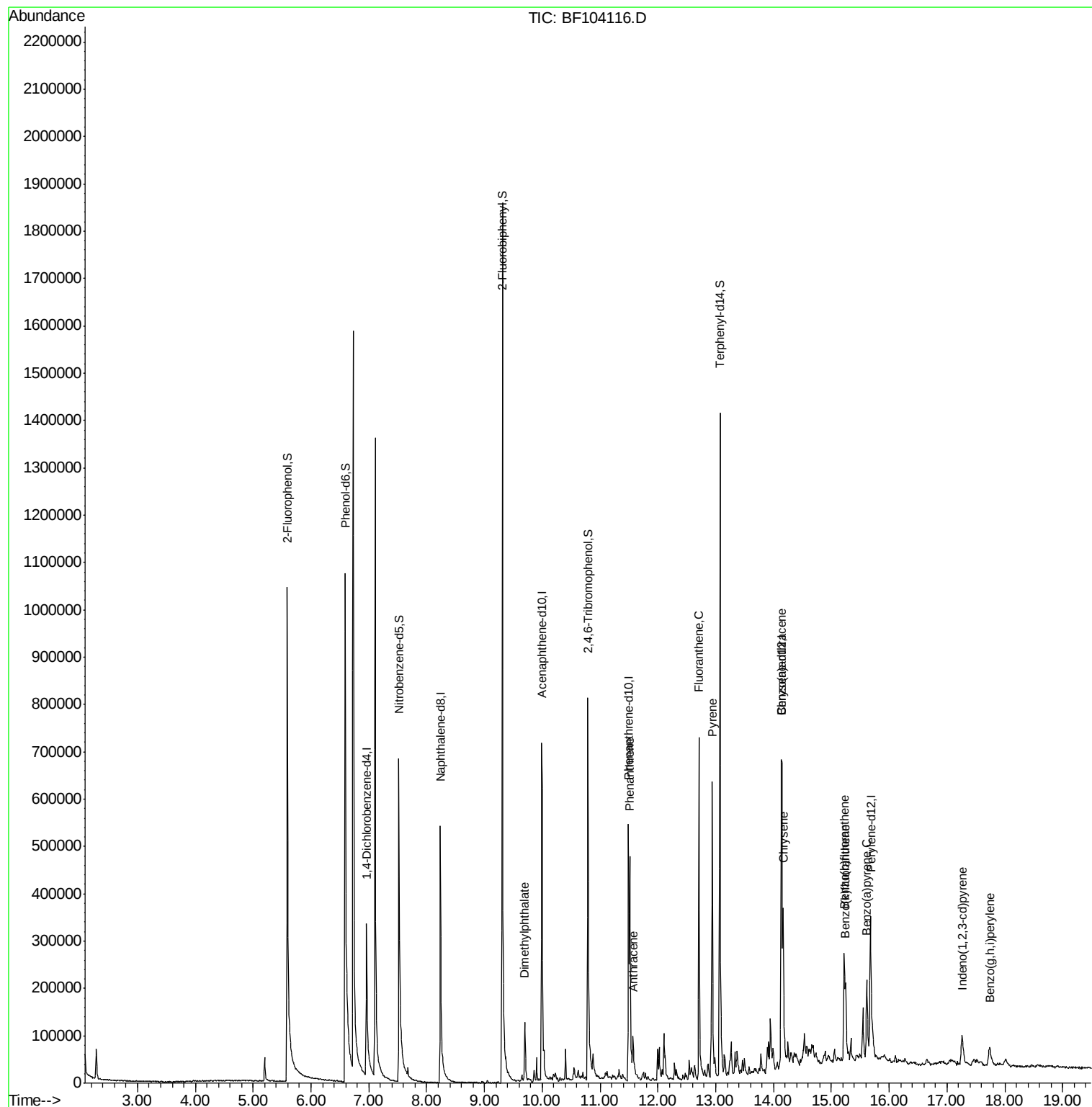
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104116.D
Acq On : 31 Mar 2018 1:44
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Manual Integrations
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#1

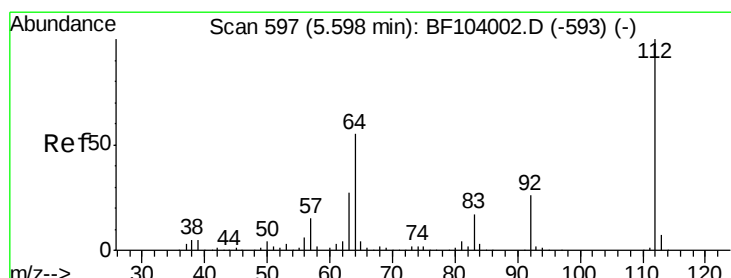
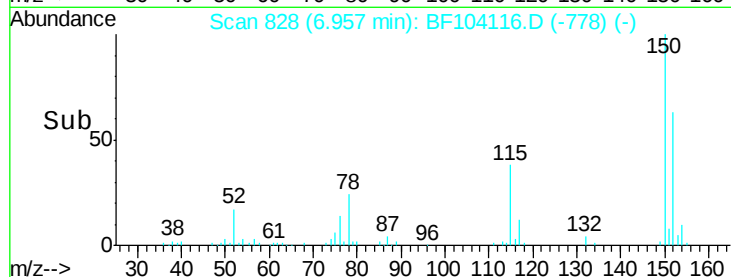
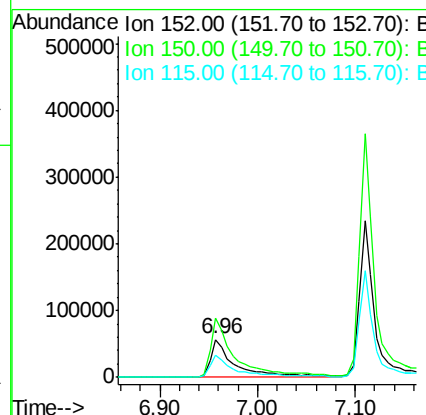
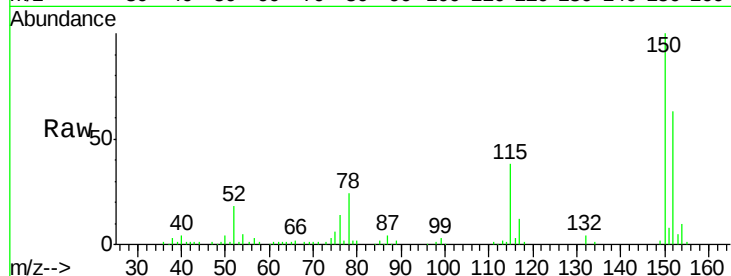
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104116.D
Acq: 31 Mar 2018 1:44

Instrument :
BNA_F
ClientSampleId :
GB-RT-3025

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	60.5	50.1	75.1

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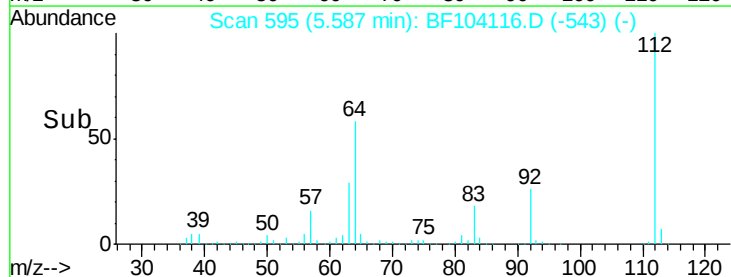
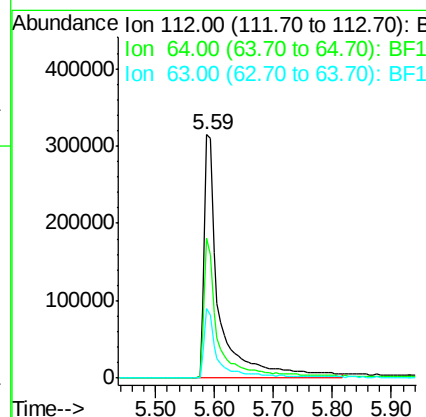
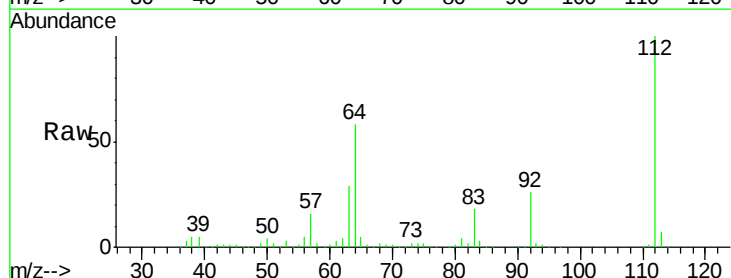
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#5

2-Fluorophenol
Concen: 89.887 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF104116.D
Acq: 31 Mar 2018 1:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	28.6	23.7	35.5





#7

Phenol-d6

Concen: 94.422 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104116.D

Acq: 31 Mar 2018 1:44

Instrument :

BNA_F

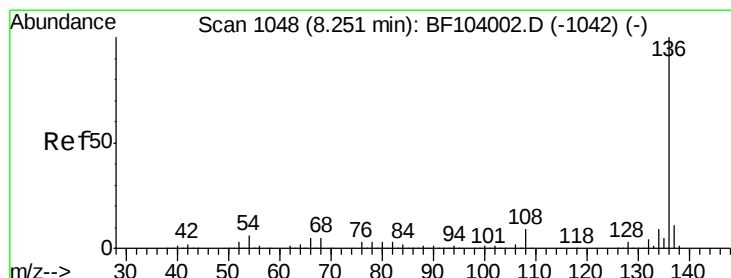
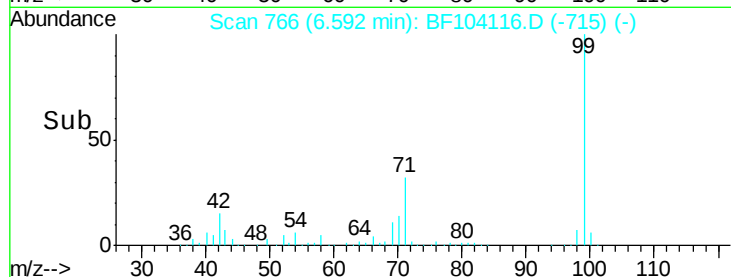
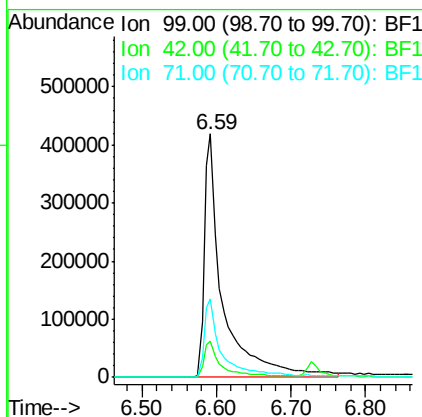
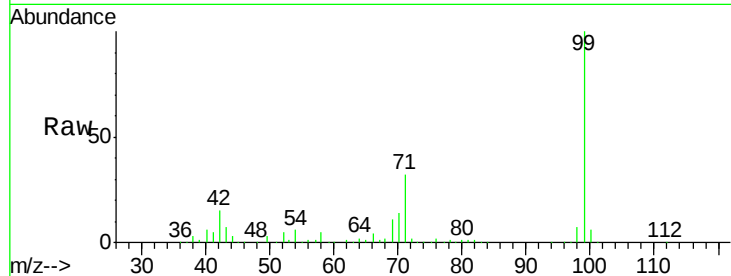
ClientSampleId :

GB-RT-3025

Tot Ion:	99	Resp:	728212
Ion Ratio	Lower	Upper	
99	100		
42	14.9	14.5	21.7
71	32.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

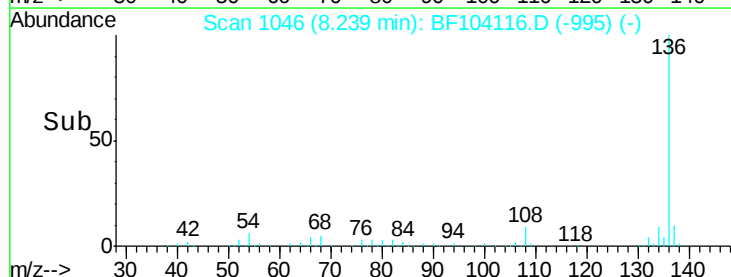
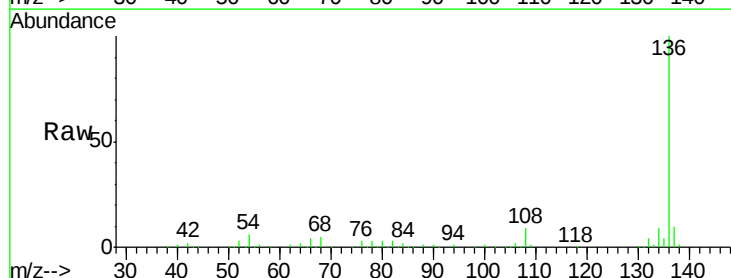
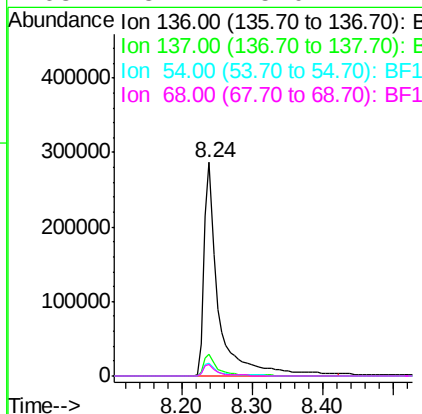
RT: 8.24 min Scan# 1046

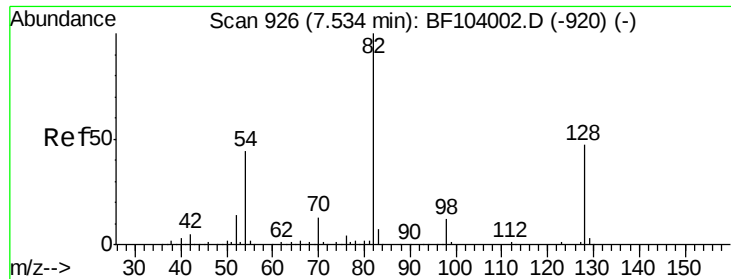
Delta R.T. 0.00 min

Lab File: BF104116.D

Acq: 31 Mar 2018 1:44

Tgt Ion:	136	Resp:	413221
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.9	13.3
54	6.0	6.6	9.8
68	5.2	5.0	7.4





#23

Nitrobenzene-d5

Concen: 63.012 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF104116.D

Acq: 31 Mar 2018 1:44

Tot Ion:	82	Resp:	425768
Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.1	54.1
54	44.0	41.4	62.2

Instrument :

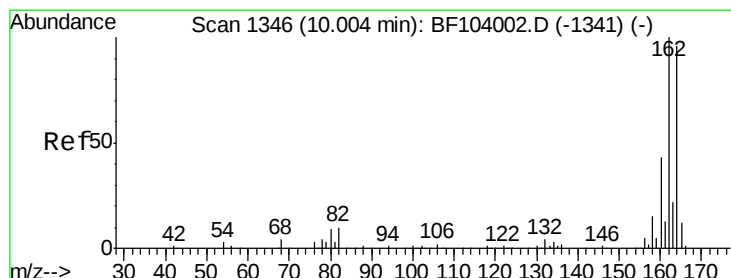
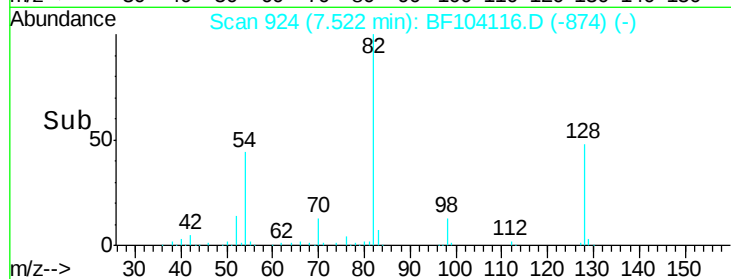
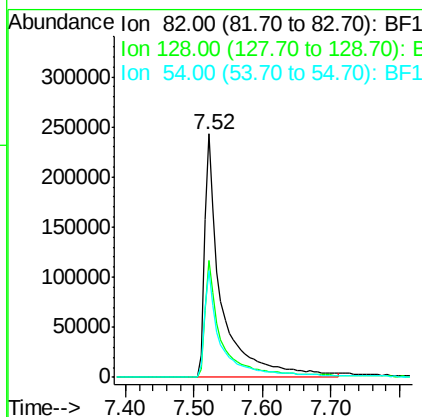
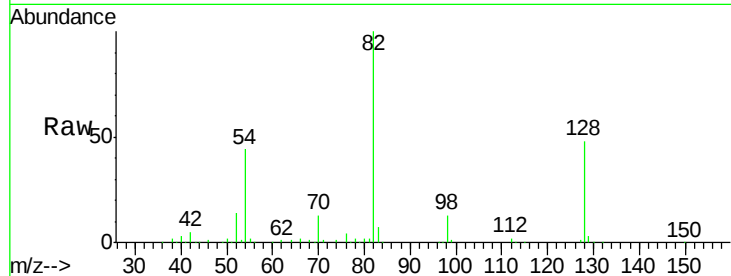
BNA_F

ClientSampled :

GB-RT-3025

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.000 ng

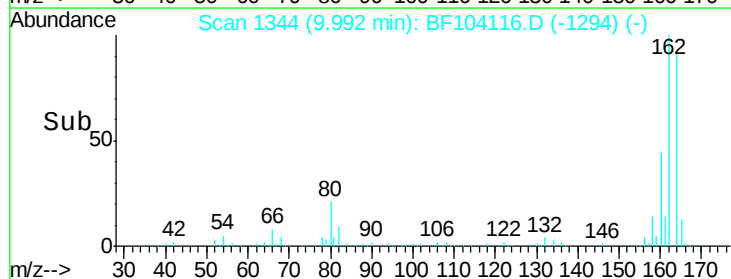
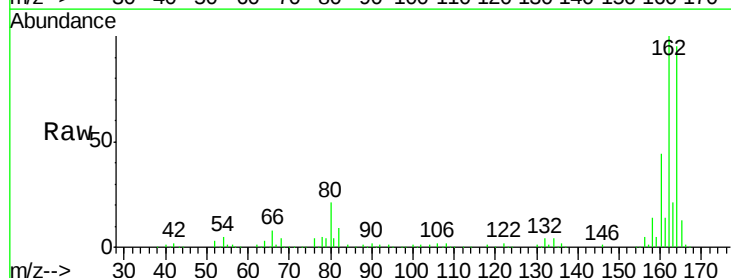
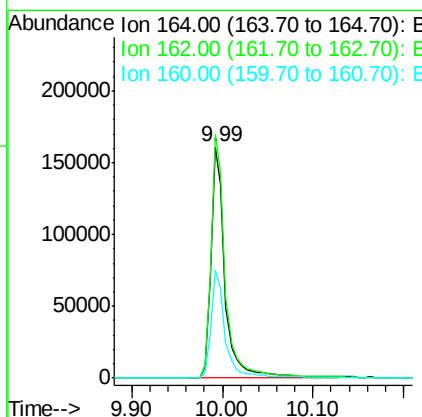
RT: 9.99 min Scan# 1344

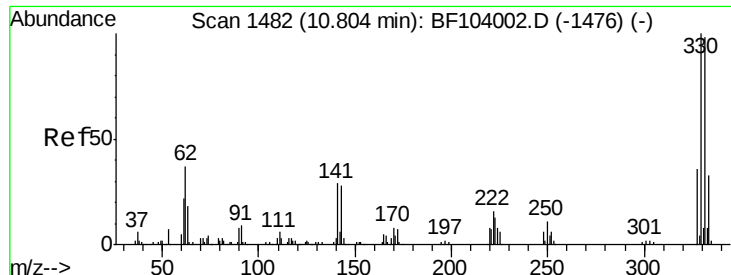
Delta R.T. -0.01 min

Lab File: BF104116.D

Acq: 31 Mar 2018 1:44

Tgt Ion:	164	Resp:	178180
Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	46.4	38.3	57.5





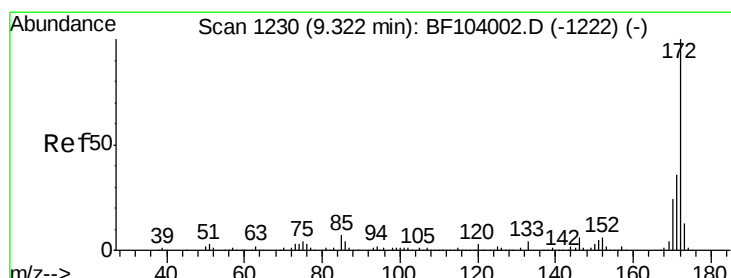
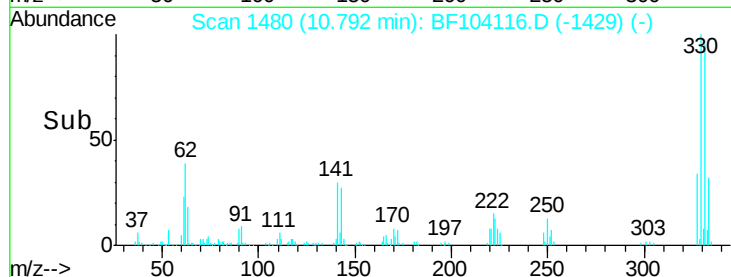
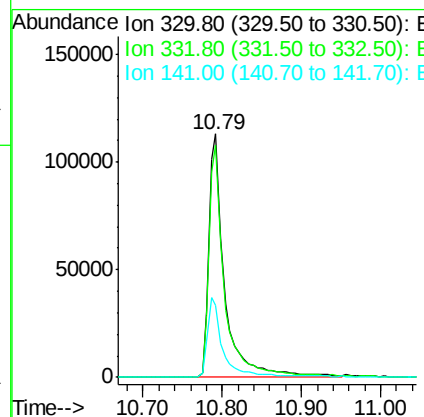
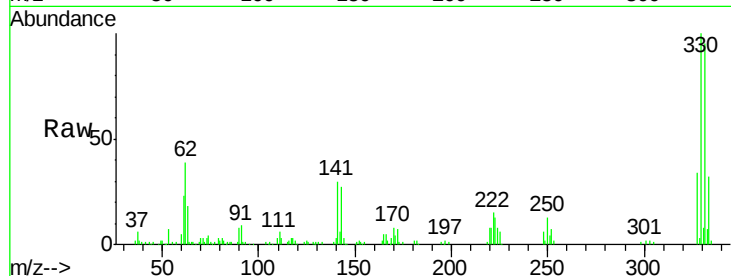
#41
 2,4,6-Tribromophenol
 Concen: 80.444 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF104116.D
 Acq: 31 Mar 2018 1:44

Instrument :
 BNA_F
 ClientSampled :
 GB-RT-3025

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	31.9	29.9	44.9

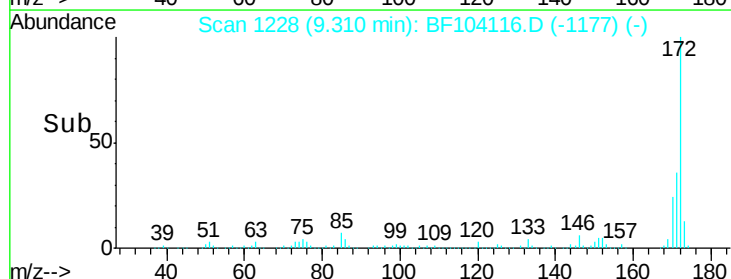
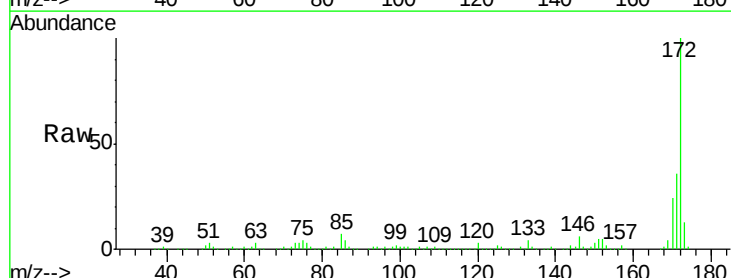
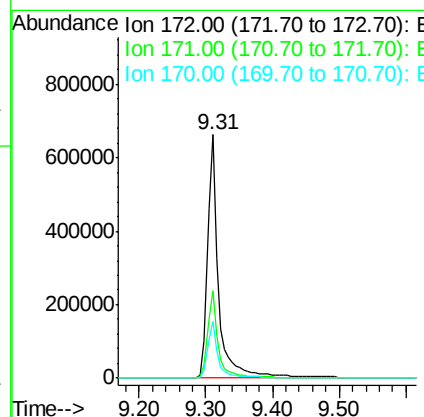
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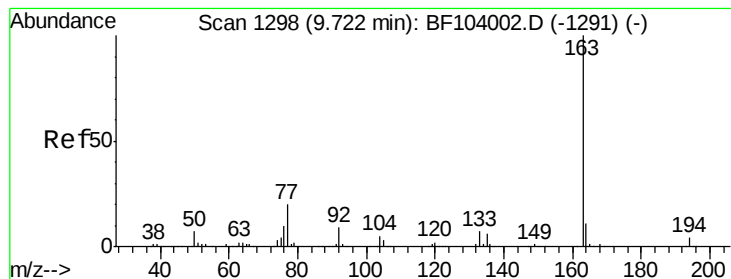
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#44
 2-Fluorobiphenyl
 Concen: 66.573 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF104116.D
 Acq: 31 Mar 2018 1:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.5	19.6	29.4





#49

Dimethylphthalate

Concen: 4.798 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF104116.D

Acq: 31 Mar 2018 1:44

Tot Ion:	163	Resp:	67503
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	10.3	8.2	12.2

Instrument :

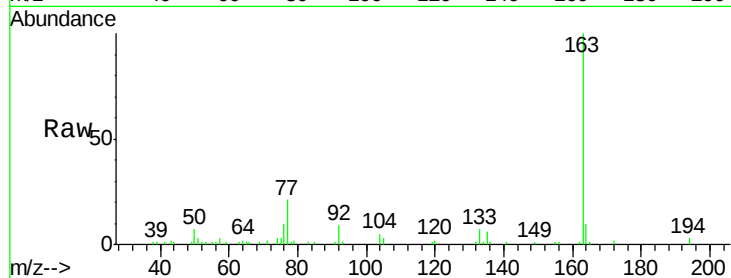
BNA_F

ClientSampleId :

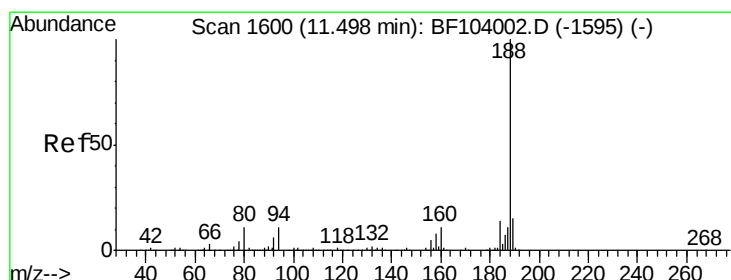
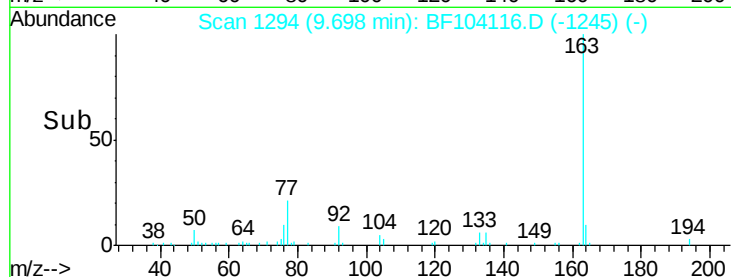
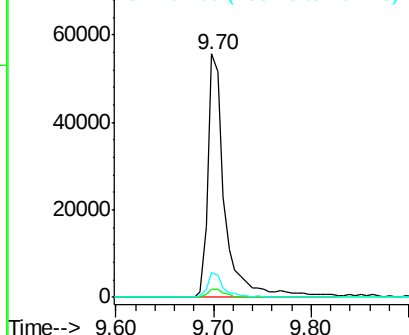
GB-RT-3025

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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

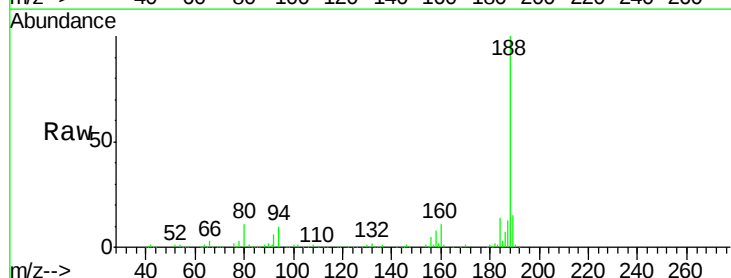
RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

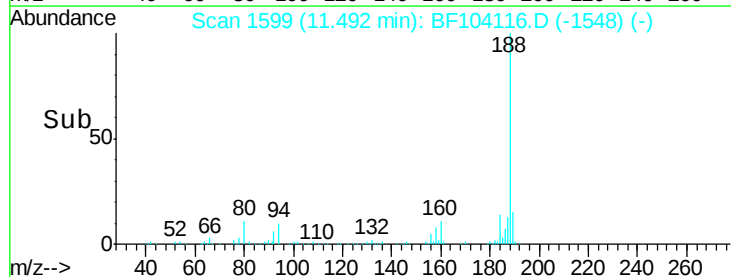
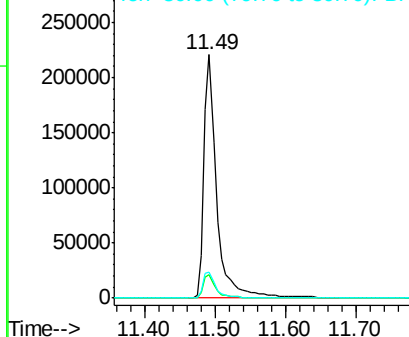
Lab File: BF104116.D

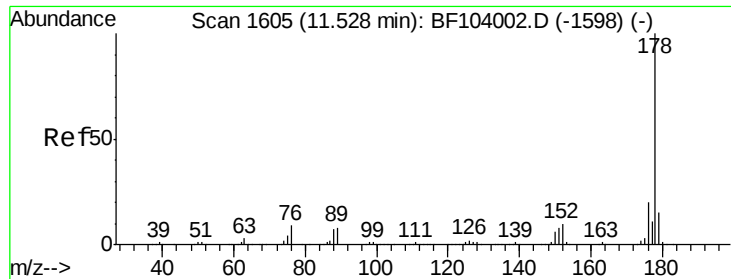
Acq: 31 Mar 2018 1:44

Tgt Ion:	188	Resp:	280113
Ion Ratio	Lower	Upper	
188	100		
94	9.7	8.5	12.7
80	10.7	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





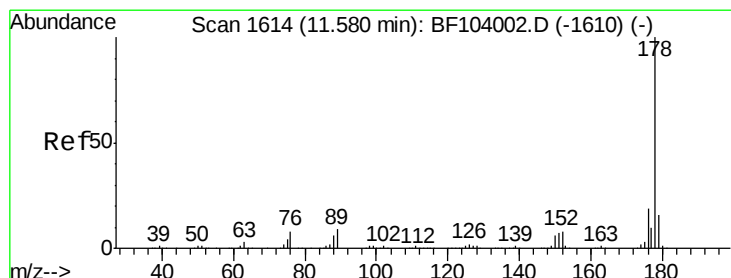
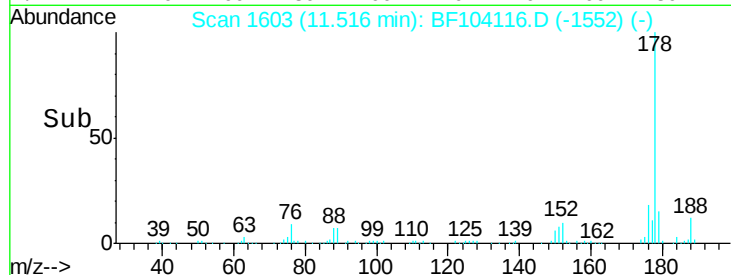
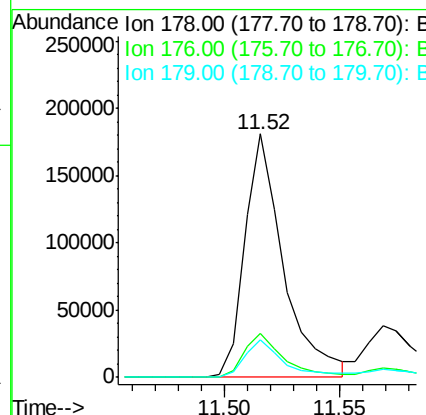
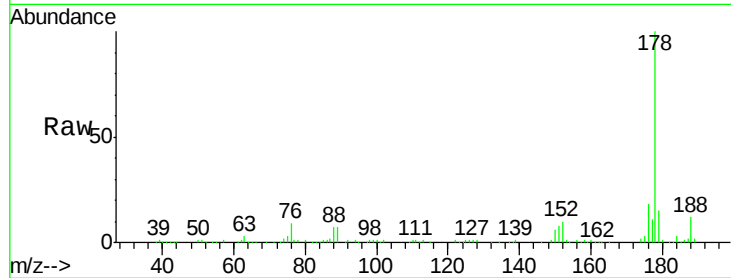
#70
Phenanthrene
Concen: 13.934 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF104116.D
Acq: 31 Mar 2018 1:44

Instrument :
BNA_F
ClientSampleId :
GB-RT-3025

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.8	23.8
179	15.2	13.0	19.6

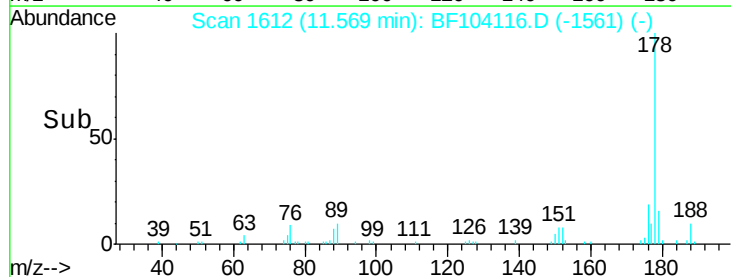
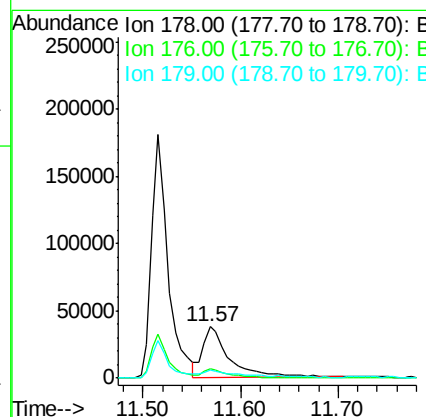
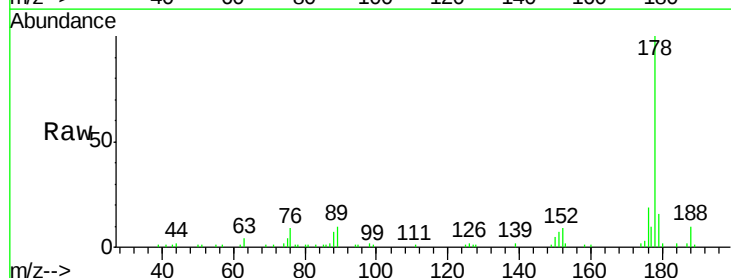
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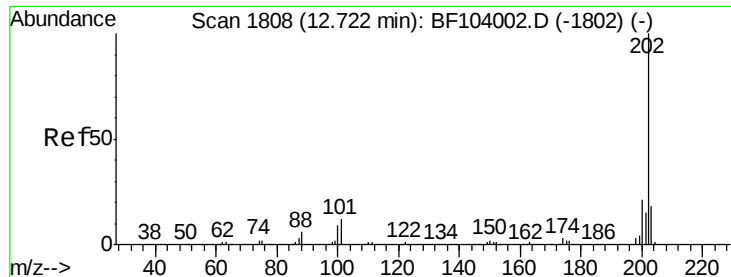
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#71
Anthracene
Concen: 4.600 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF104116.D
Acq: 31 Mar 2018 1:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	16.1	12.6	19.0





#74

Fluoranthene

Concen: 22.402 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF104116.D

Acq: 31 Mar 2018 1:44

Instrument :

BNA_F

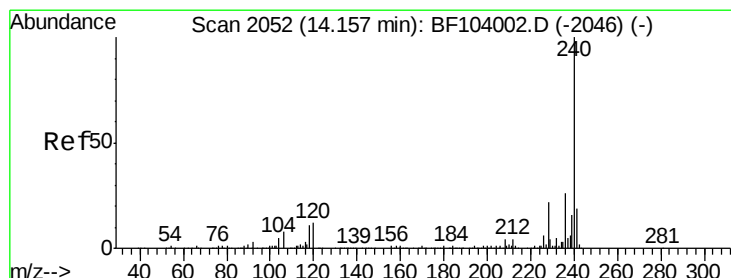
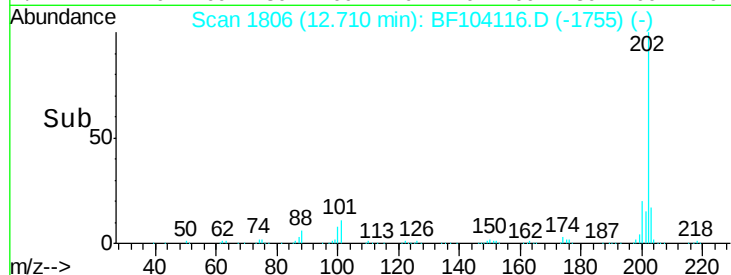
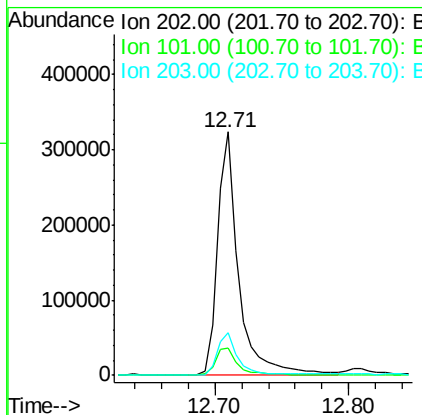
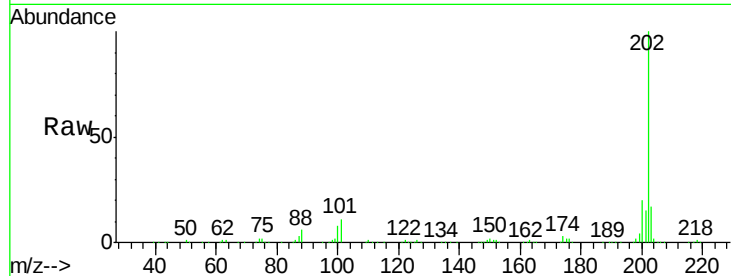
ClientSampled :

GB-RT-3025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		361122		
101	11.3	0.0	34.1		
203	17.4	0.0	38.1		

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

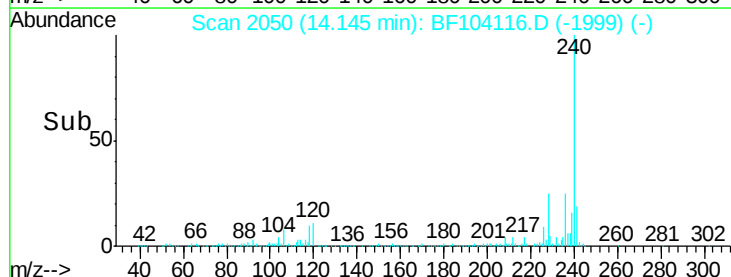
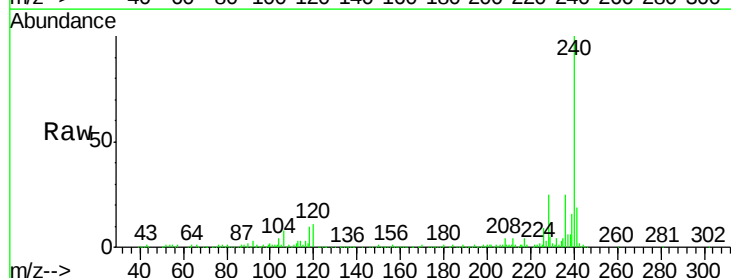
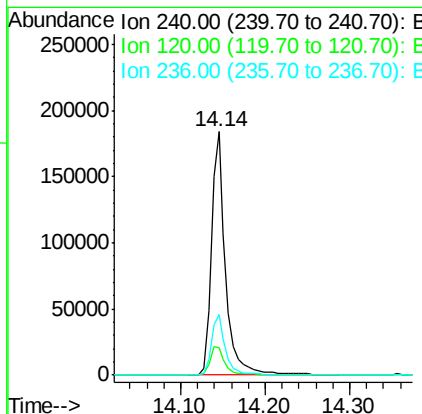
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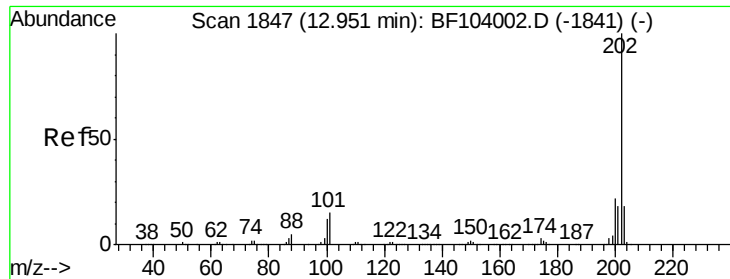
Delta R.T. 0.00 min

Lab File: BF104116.D

Acq: 31 Mar 2018 1:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		217309		
120	11.4	9.5	14.3		
236	25.0	20.7	31.1		





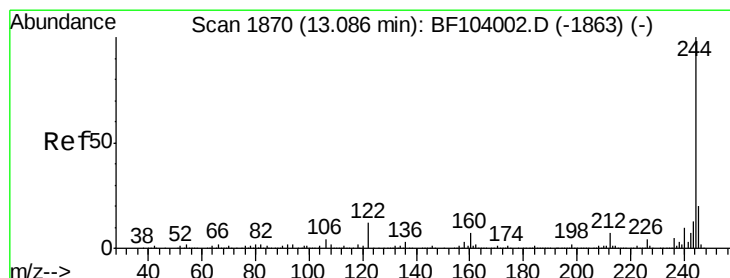
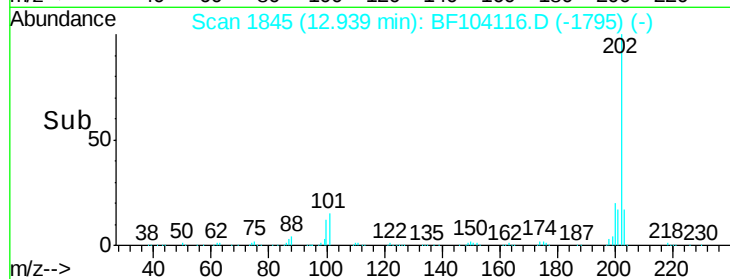
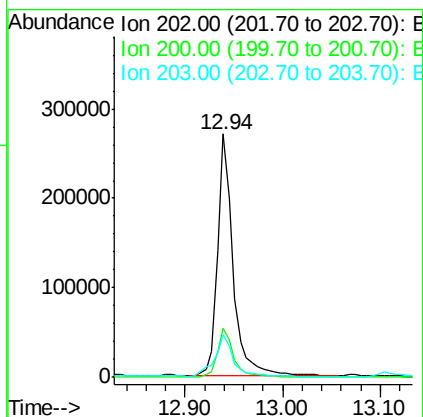
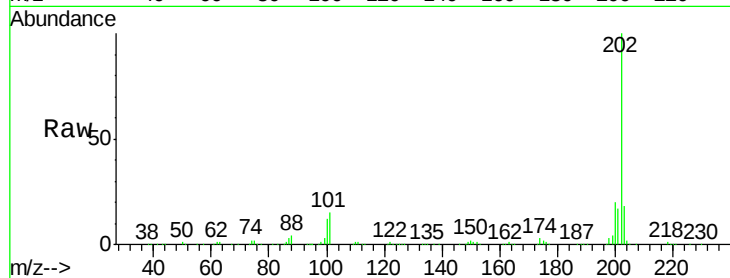
#77
Pvrene
Concen: 19.445 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF104116.D
Acq: 31 Mar 2018 1:44

Instrument :
BNA_F
ClientSampleId :
GB-RT-3025

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.4	26.2
203	17.7	14.3	21.5

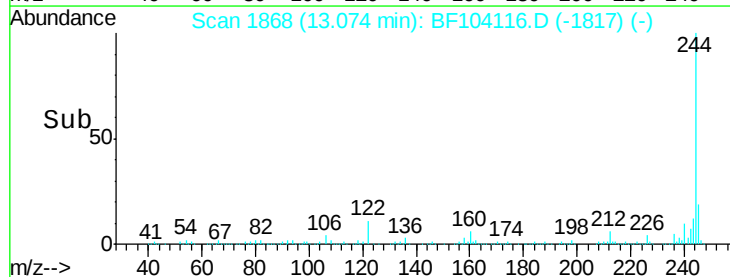
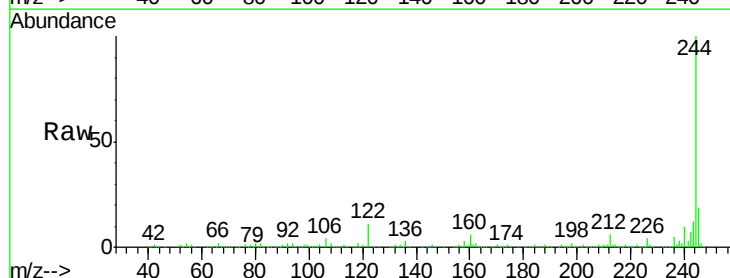
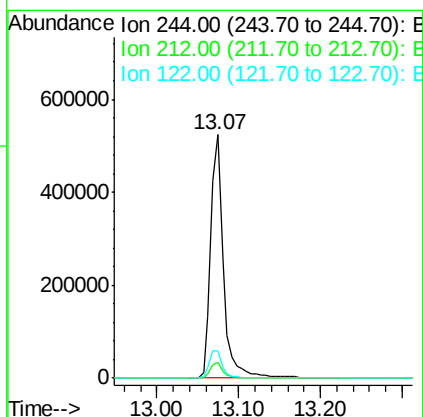
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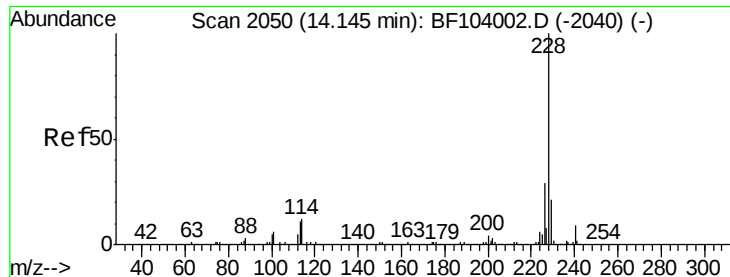
Sohil
4/2/2018 5:06:08 PM



#78
Terphenyl-d14
Concen: 60.225 ng
RT: 13.07 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BF104116.D
Acq: 31 Mar 2018 1:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.4	11.0	16.4





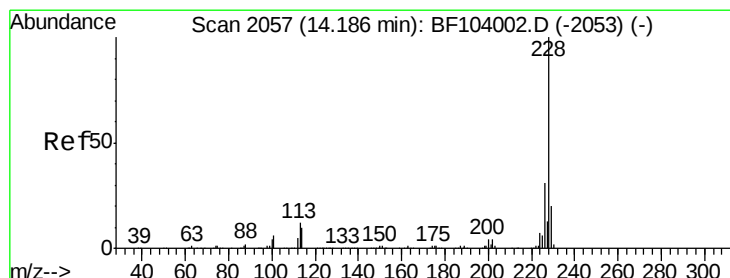
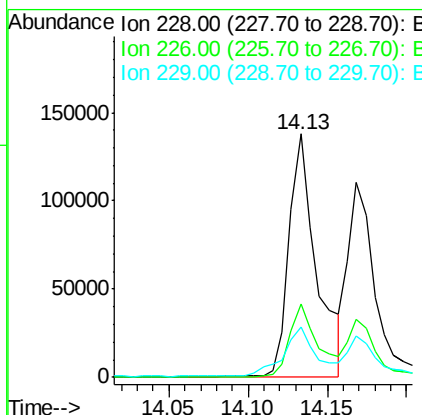
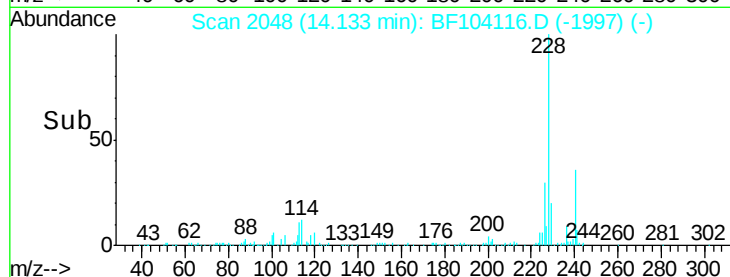
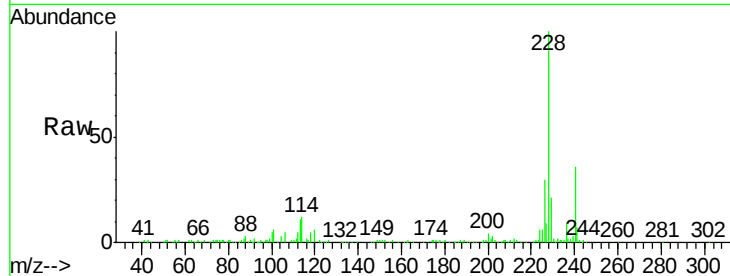
#80
Benzo(a)anthracene
Concen: 12.295 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BF104116.D
Acq: 31 Mar 2018 1:44

Instrument :
BNA_F
ClientSampleId :
GB-RT-3025

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	33.8
229	20.8	15.8	23.6

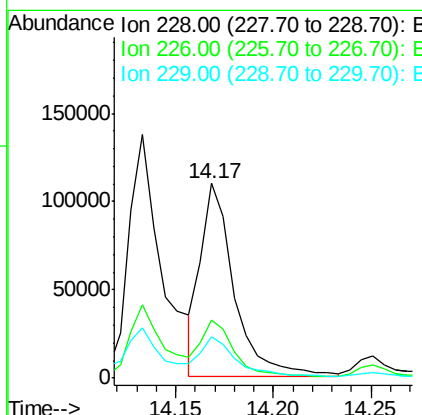
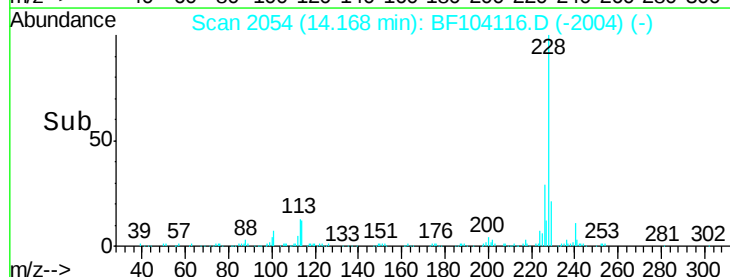
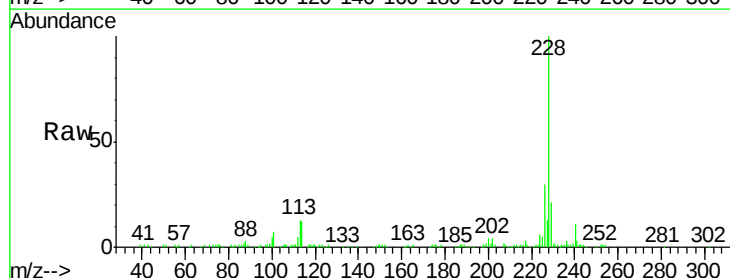
Manual Integrations
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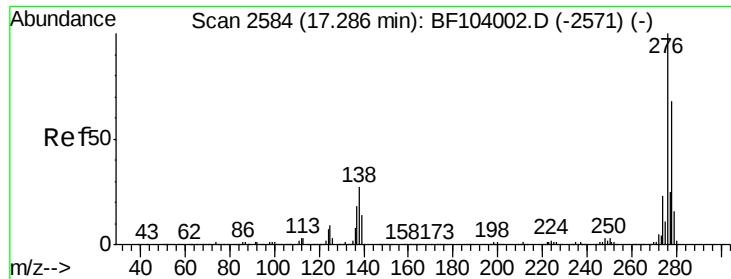
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#82
Chrysene
Concen: 9.816 ng
RT: 14.17 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BF104116.D
Acq: 31 Mar 2018 1:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	21.5	16.2	24.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 4.158 ng

RT: 17.26 min Scan# 2580

Delta R.T. 0.00 min

Lab File: BF104116.D

Acq: 31 Mar 2018 1:44

Instrument :

BNA_F

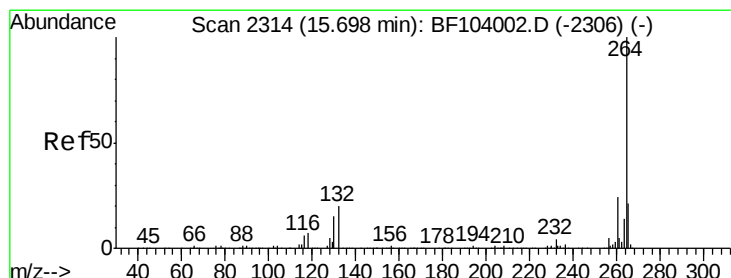
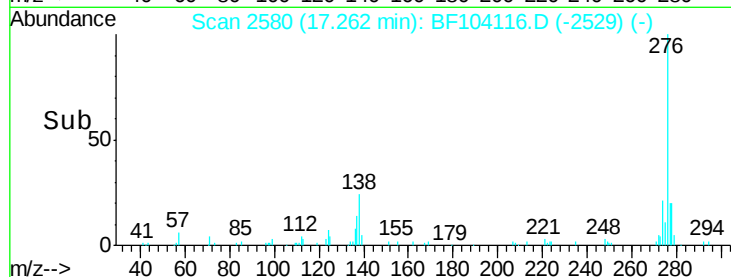
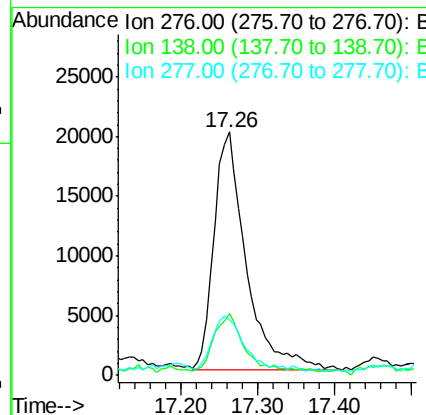
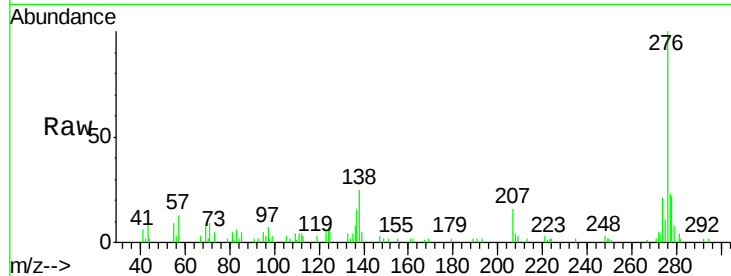
ClientSampled :

GB-RT-3025

Tot Ion:	276	Resp:	57390
Ion Ratio	Lower	Upper	
276	100		
138	22.2	25.0	37.6#
277	22.1	20.1	30.1

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

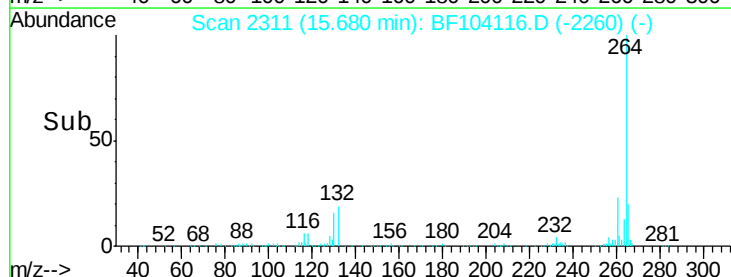
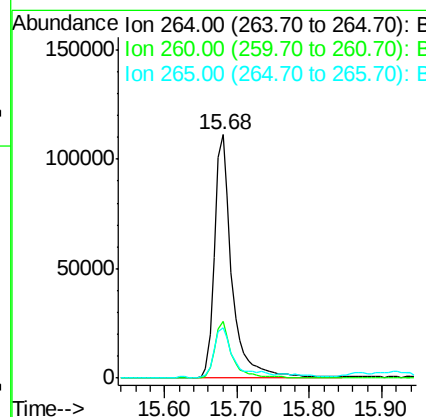
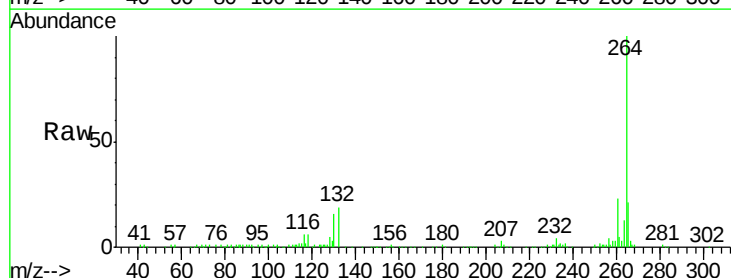
RT: 15.68 min Scan# 2311

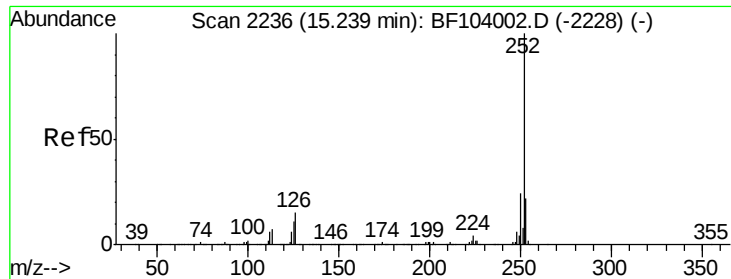
Delta R.T. 0.00 min

Lab File: BF104116.D

Acq: 31 Mar 2018 1:44

Tgt Ion:	264	Resp:	186485
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.2	28.8
265	20.7	17.5	26.3





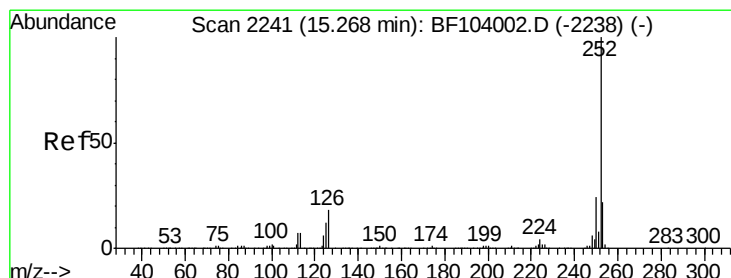
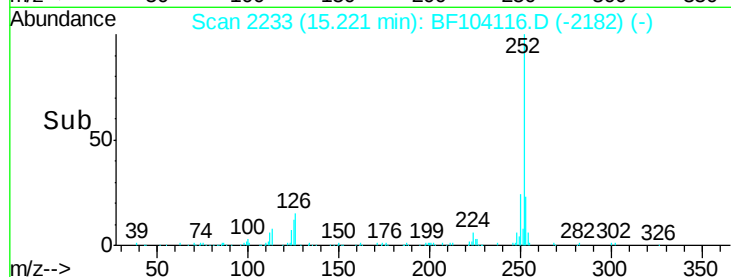
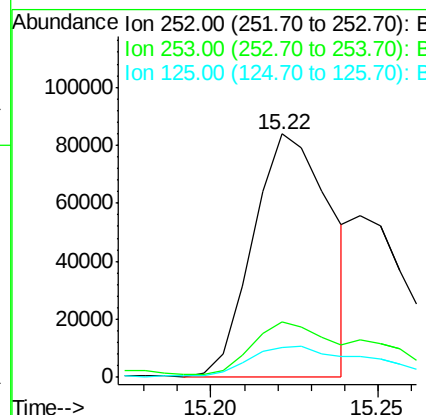
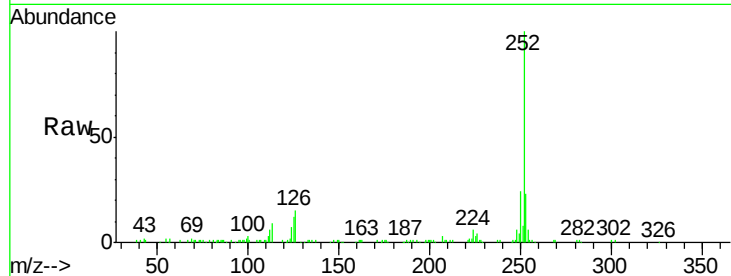
#87
Benzo(b)fluoranthene
Concen: 11.898 ng m
RT: 15.22 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BF104116.D
Acq: 31 Mar 2018 1:44

Instrument :
BNA_F
ClientSampleId :
GB-RT-3025

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	12.5	9.0	13.6

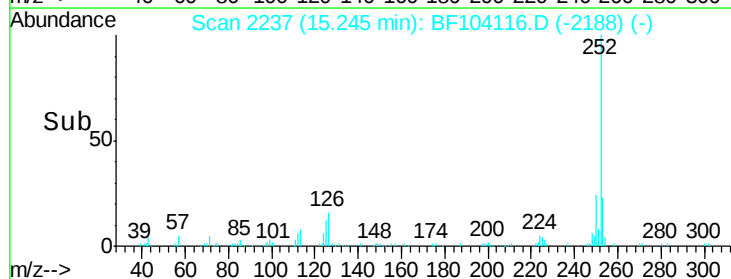
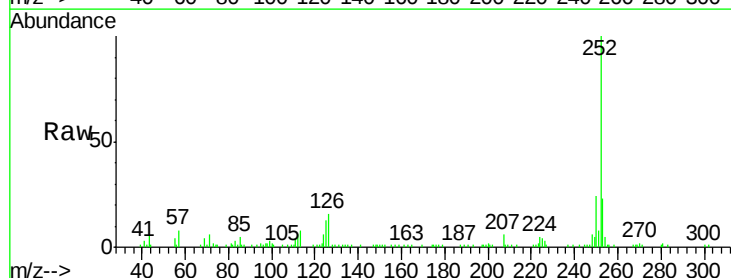
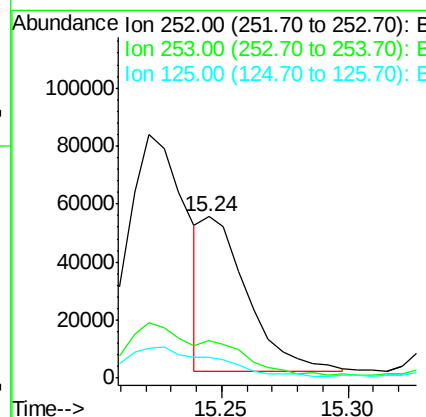
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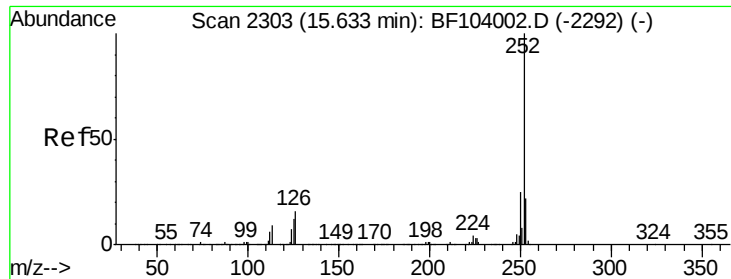
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#88
Benzo(k)fluoranthene
Concen: 6.137 ng m
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF104116.D
Acq: 31 Mar 2018 1:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	13.2	10.2	15.2





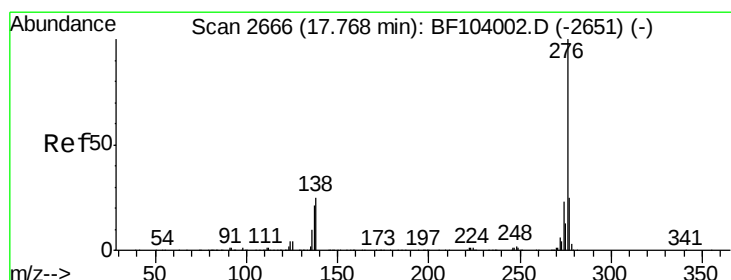
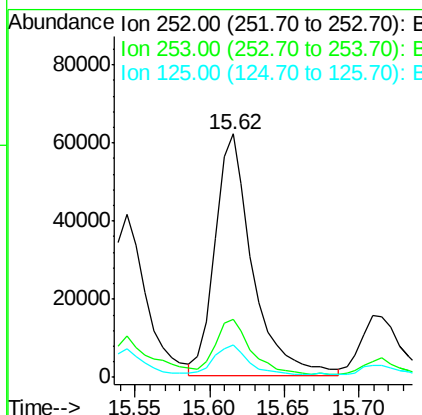
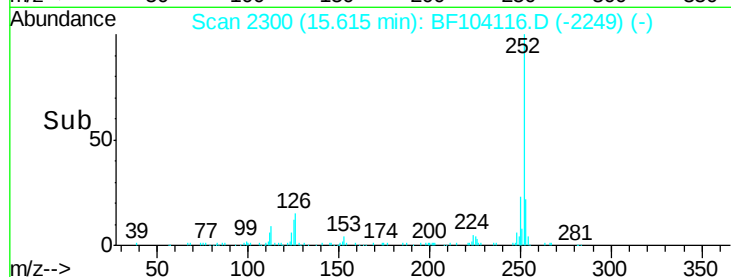
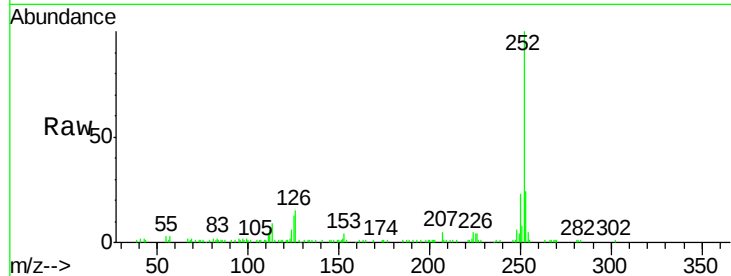
#89
Benzo(a)pyrene
Concen: 10.318 ng
RT: 15.62 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BF104116.D
Acq: 31 Mar 2018 1:44

Instrument :
BNA_F
ClientSampleId :
GB-RT-3025

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	13.4	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 5.105 ng
RT: 17.74 min Scan# 2661
Delta R.T. -0.01 min
Lab File: BF104116.D
Acq: 31 Mar 2018 1:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.3	17.9	26.9
138	24.5	21.8	32.8

