

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF033018\
 Data File : BF104115.D
 Acq On : 31 Mar 2018 1:18
 Operator : JU/SJ
 Sample : J2142-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GB-RT-4632

Manual Integrations
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 4/2/2018 5:06:05 PM

Quant Time: Mar 31 04:20:42 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	111142	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	464497	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	203335	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	325738	20.00	ng	0.00
75) Chrysene-d12	14.14	240	241410	20.00	ng	0.00
86) Perylene-d12	15.68	264	210135	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	770315	110.53	ng	0.01
7) Phenol-d6	6.59	99	1019169	118.86	ng	0.00
23) Nitrobenzene-d5	7.52	82	597324	78.64	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	225798	99.73	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	945536	73.33	ng	0.00
78) Terphenyl-d14	13.07	244	732780	70.09	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	69281	4.316	ng	99
70) Phenanthrene	11.52	178	86120	4.883	ng	98
74) Fluoranthene	12.71	202	147420	7.864	ng	96
77) Pyrene	12.94	202	123868	7.138	ng	98
80) Benzo(a)anthracene	14.13	228	62380	4.130	ng	98
82) Chrysene	14.17	228	52034	3.517	ng	98
87) Benzo(b)fluoranthene	15.22	252	54618m	4.271	ng	
88) Benzo(k)fluoranthene	15.24	252	28776m	2.389	ng	
89) Benzo(a)pyrene	15.62	252	43482	3.669	ng	# 90

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

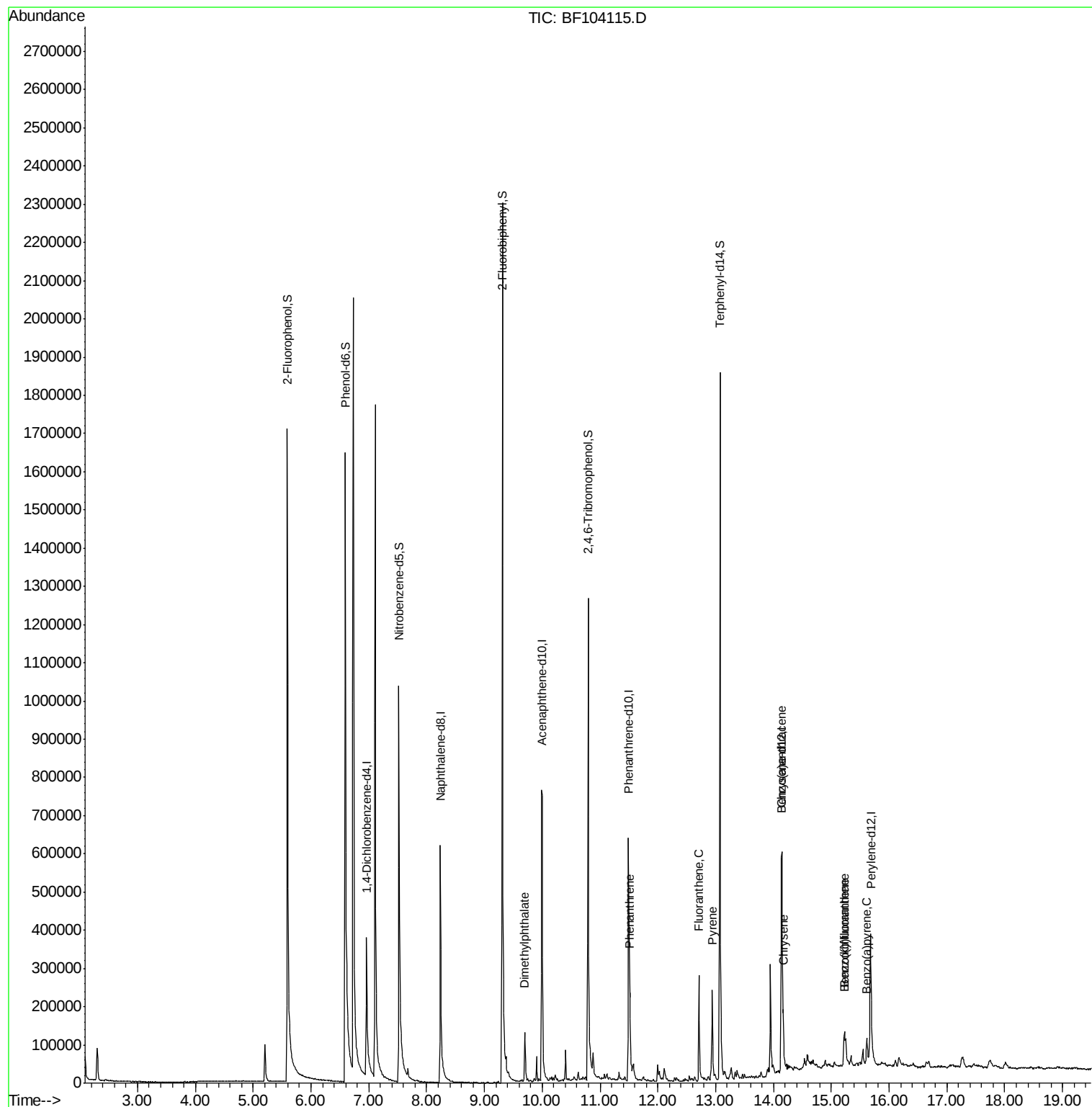
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104115.D
Acq On : 31 Mar 2018 1:18
Operator : JU/SJ
Sample : J2142-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

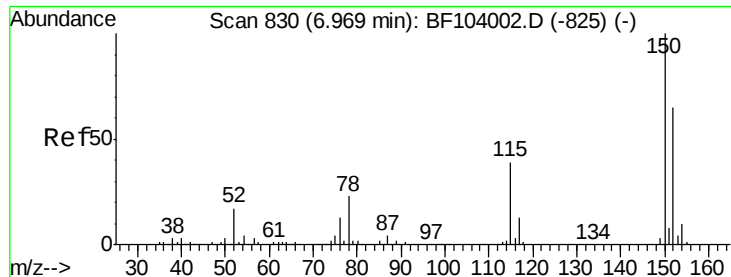
Instrument :
BNA_F
ClientSampleId :
GB-RT-4632

Manual Integrations
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Quant Time: Mar 31 04:20:42 2018
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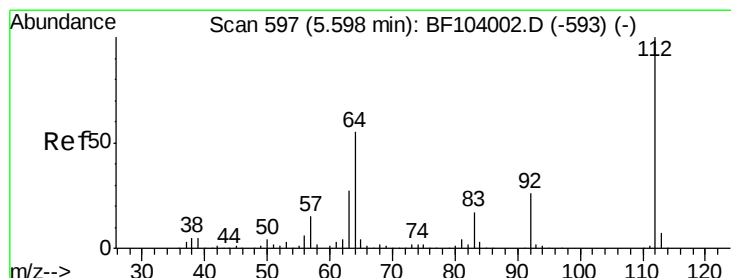
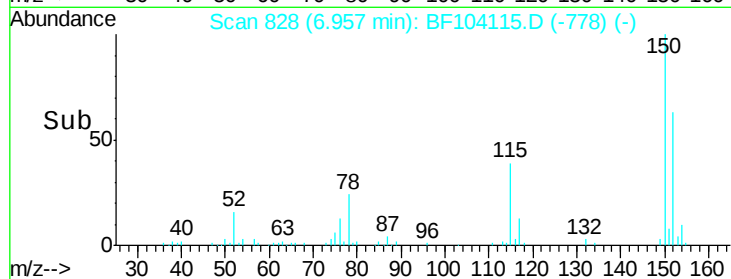
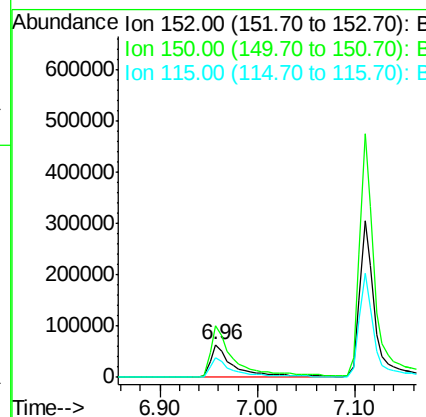
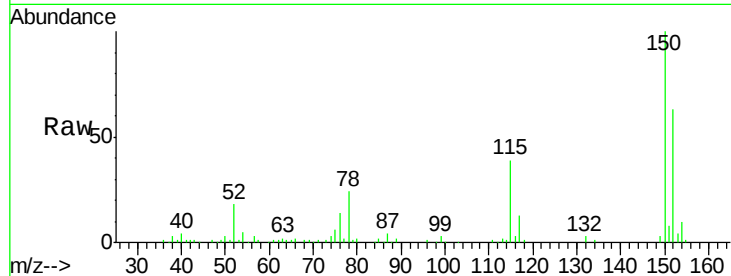
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF104115.D
 Acq: 31 Mar 2018 1:18

Instrument :
 BNA_F
 ClientSampleId :
 GB-RT-4632

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	61.4	50.1	75.1

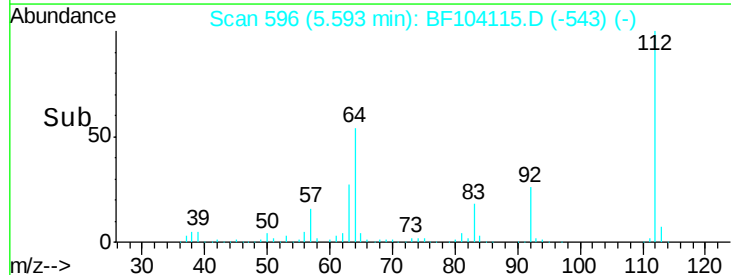
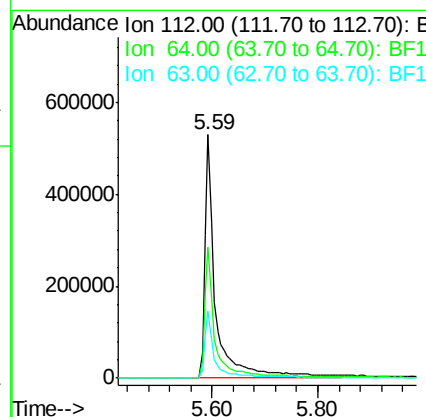
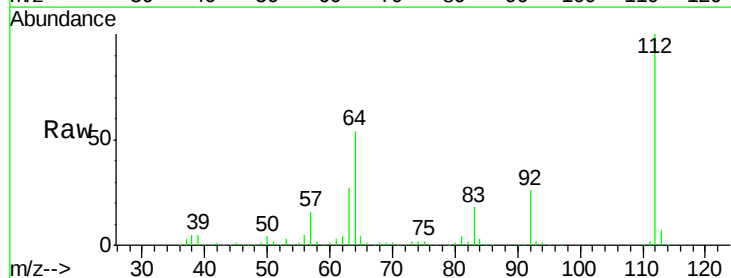
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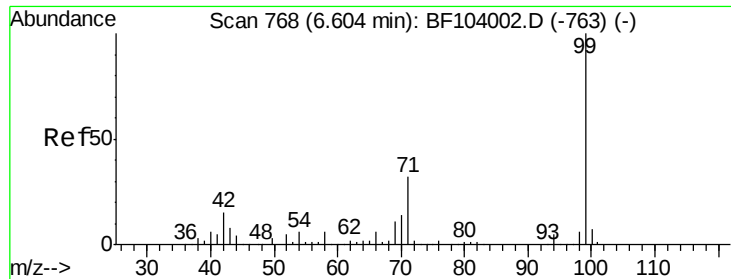
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#5
 2-Fluorophenol
 Concen: 110.530 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF104115.D
 Acq: 31 Mar 2018 1:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	47.9	71.9
63	27.4	23.7	35.5





#7

Phenol-d6

Concen: 118.863 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104115.D

Acq: 31 Mar 2018 1:18

Instrument :

BNA_F

ClientSampleId :

GB-RT-4632

Tot Ion: 99 Resp: 1019169

Ion Ratio Lower Upper

99 100

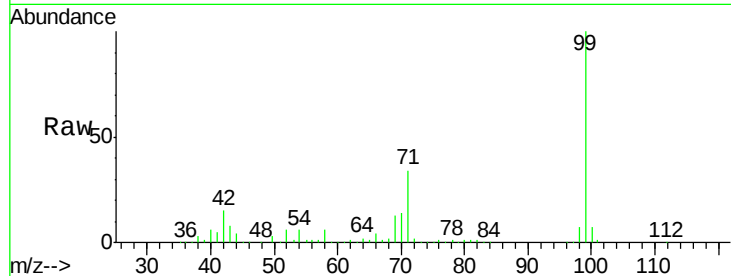
42 15.4 14.5 21.7

71 33.5 25.4 38.0

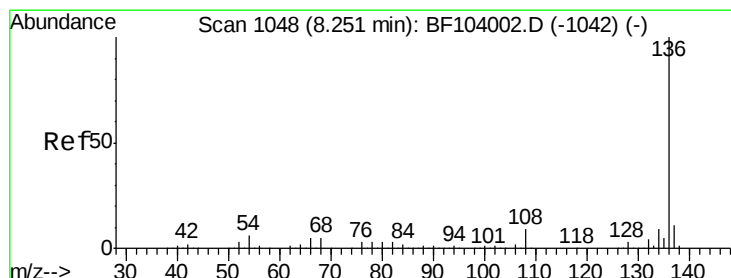
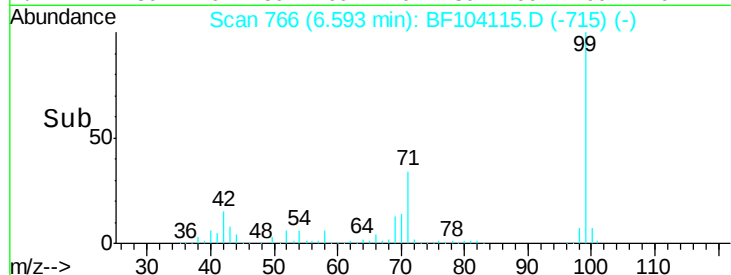
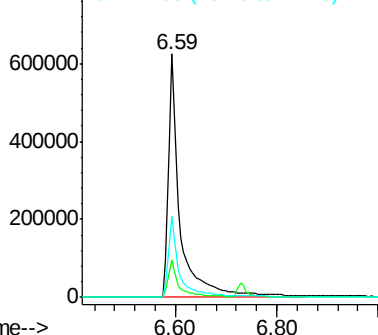
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF104115.D

Acq: 31 Mar 2018 1:18

Tgt Ion: 136 Resp: 464497

Ion Ratio Lower Upper

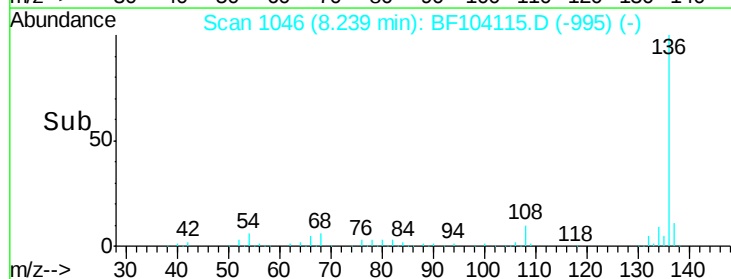
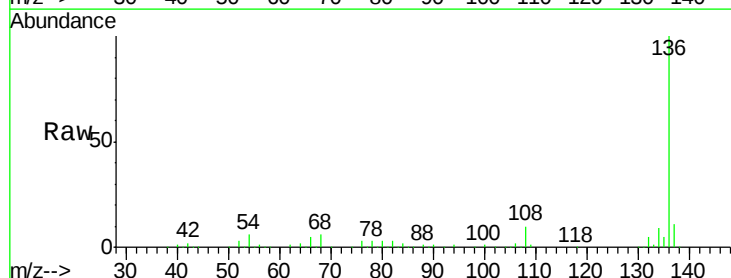
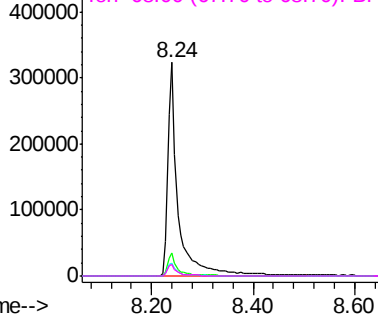
136 100

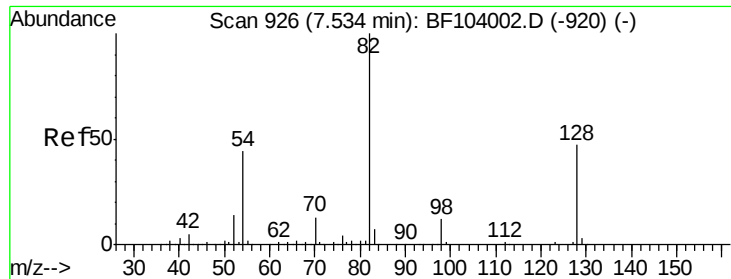
137 11.1 8.9 13.3

54 6.3 6.6 9.8#

68 5.6 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





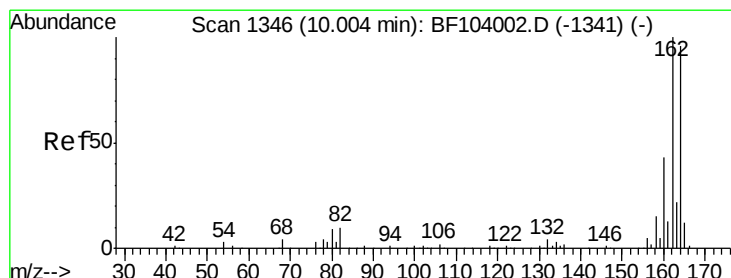
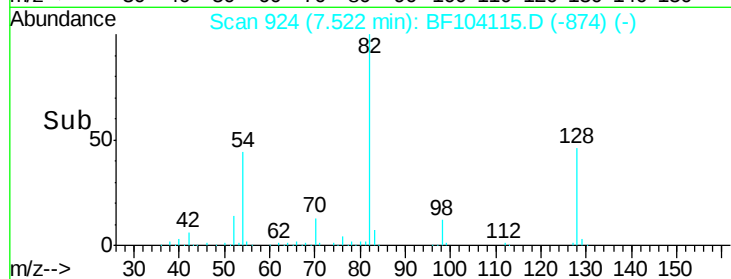
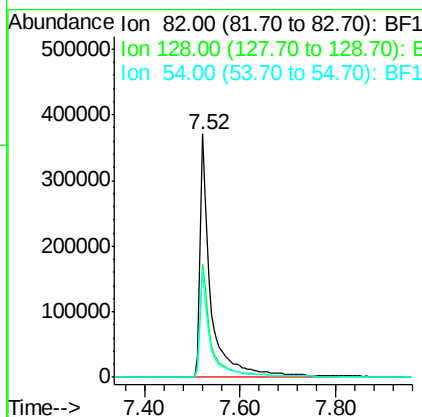
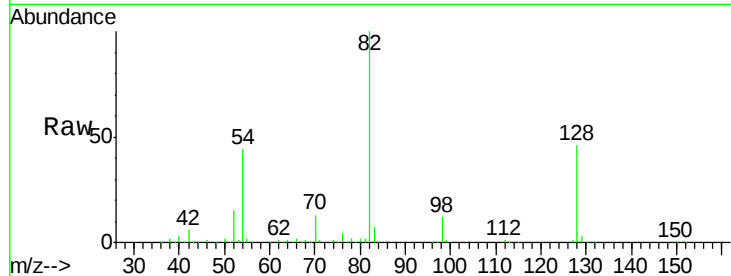
#23
Nitrobenzene-d5
Concen: 78.643 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF104115.D
Acq: 31 Mar 2018 1:18

Instrument :
BNA_F
ClientSampleId :
GB-RT-4632

Tot Ion	Ratio	Resp	Lower	Upper
82	100	597324		
128	46.3	36.1	54.1	
54	44.3	41.4	62.2	

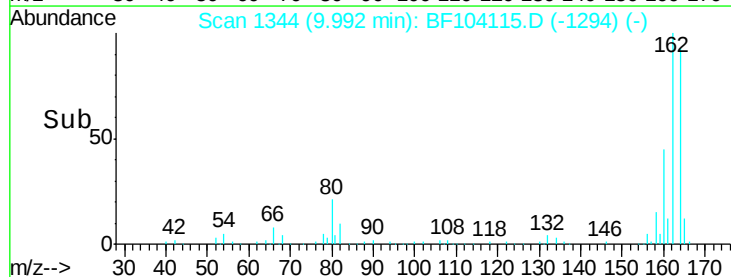
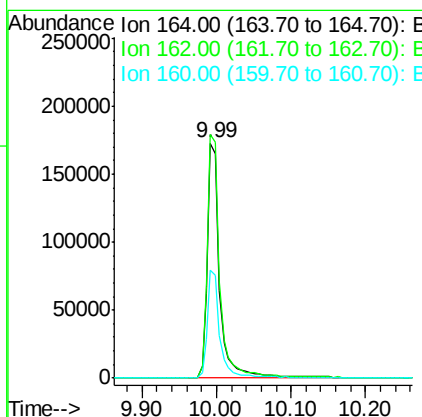
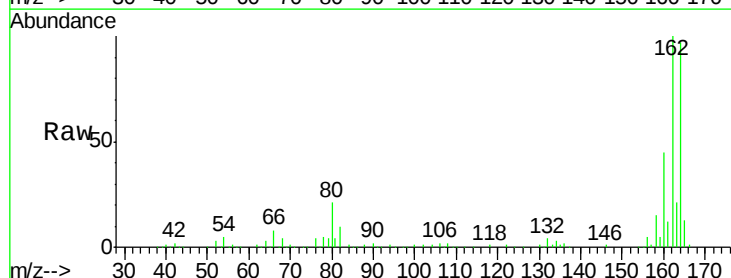
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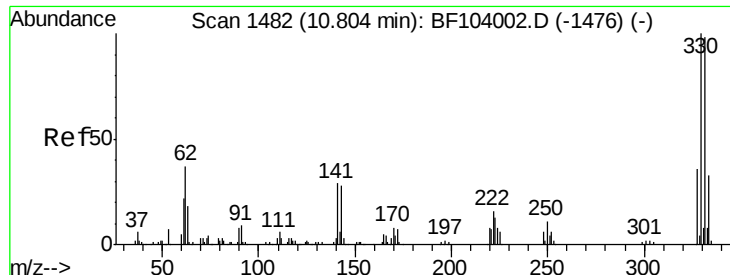
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF104115.D
Acq: 31 Mar 2018 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	203335		
162	103.6	86.1	129.1	
160	46.1	38.3	57.5	





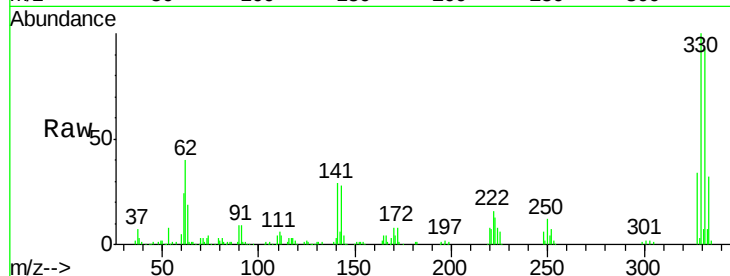
#41
 2,4,6-Tribromophenol
 Concen: 99.728 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF104115.D
 Acq: 31 Mar 2018 1:18

Instrument :
 BNA_F
 ClientSampled :
 GB-RT-4632

Tot Ion	Ratio	Resp	Lower	Upper
330	100	225798		
332	95.4	77.0	115.6	
141	31.9	29.9	44.9	

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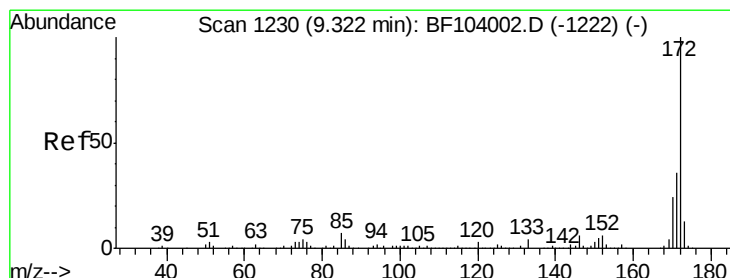
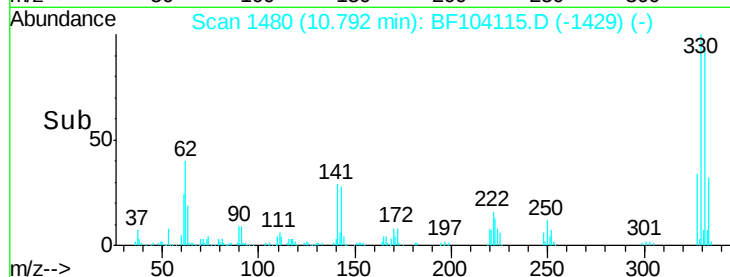
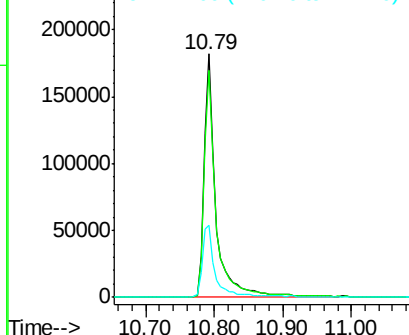


Abundance

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: 73.329 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF104115.D
 Acq: 31 Mar 2018 1:18

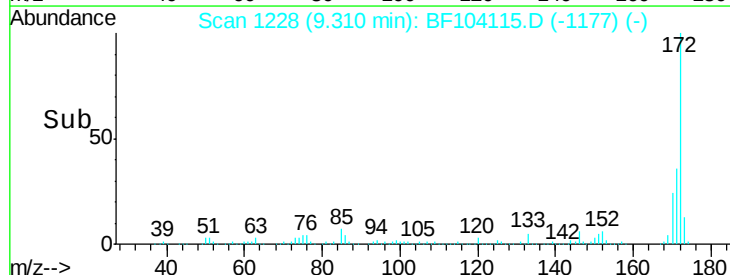
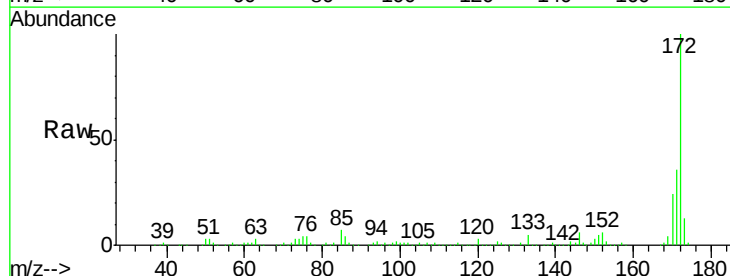
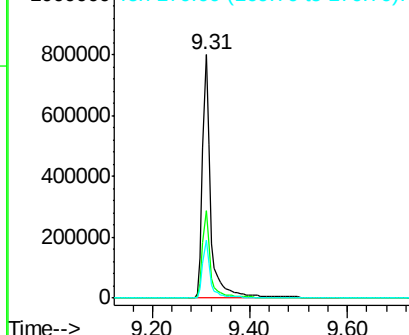
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	945536		
171	35.8	29.7	44.5	
170	24.1	19.6	29.4	

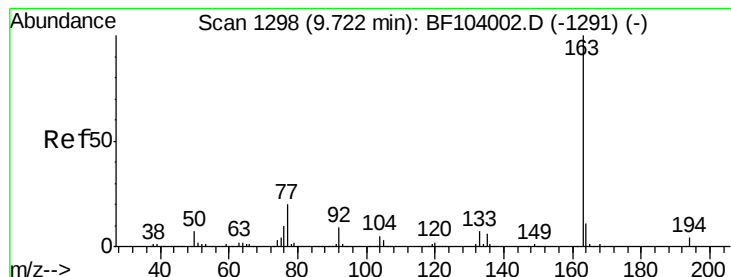
Abundance

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: 4.316 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF104115.D

Acq: 31 Mar 2018 1:18

Instrument :

BNA_F

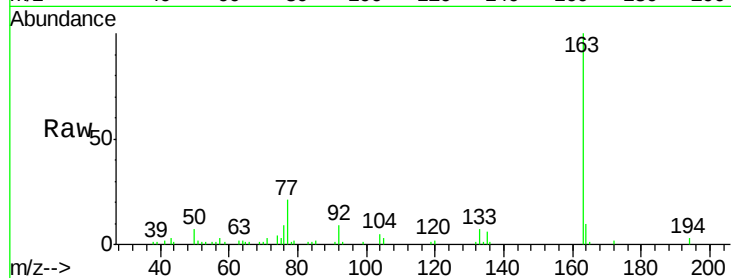
ClientSampleId :

GB-RT-4632

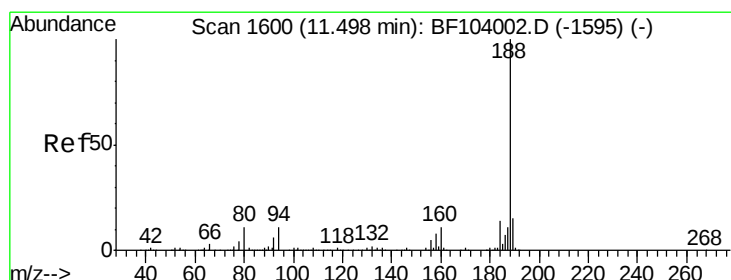
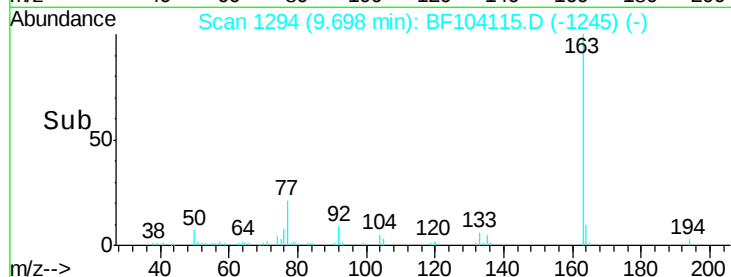
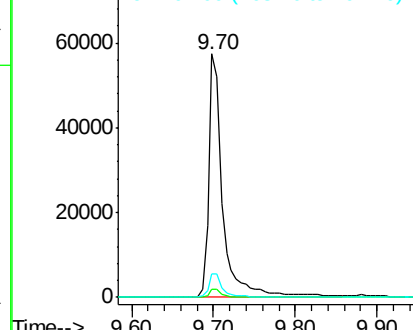
Tot Ion:	163	Resp:	69281
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.7	4.1
164	9.7	8.2	12.2

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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

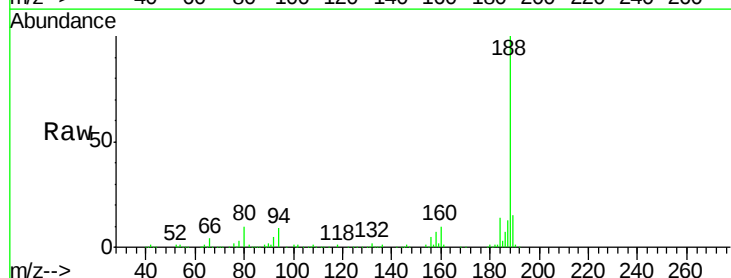
RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

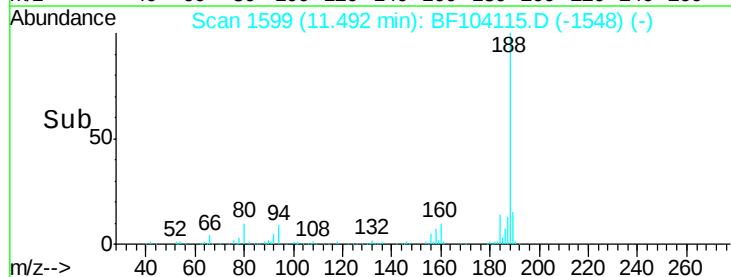
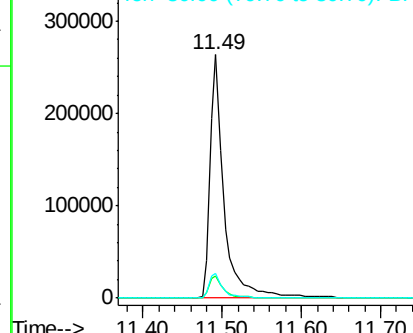
Lab File: BF104115.D

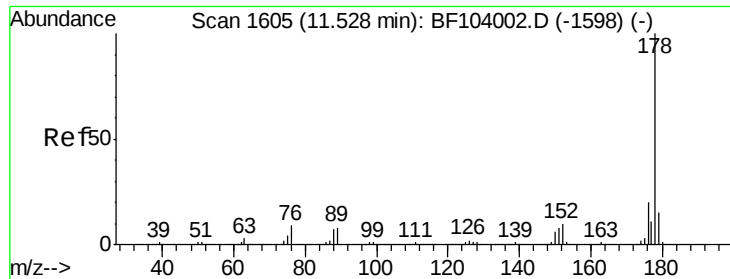
Acq: 31 Mar 2018 1:18

Tgt Ion:	188	Resp:	325738
Ion Ratio	Lower	Upper	
188	100		
94	9.1	8.5	12.7
80	10.2	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





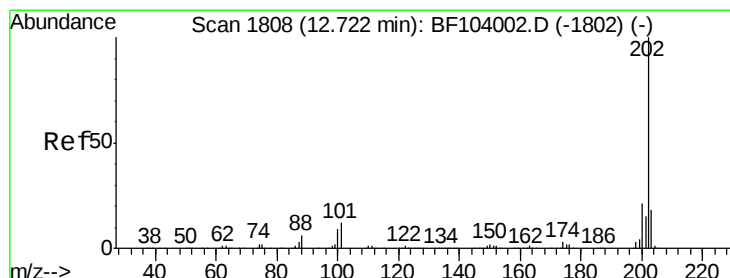
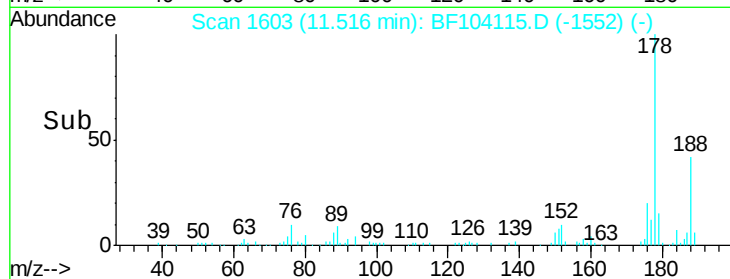
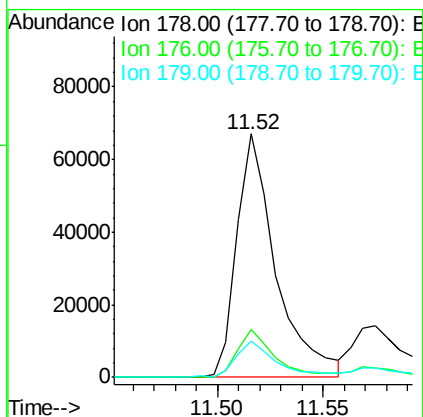
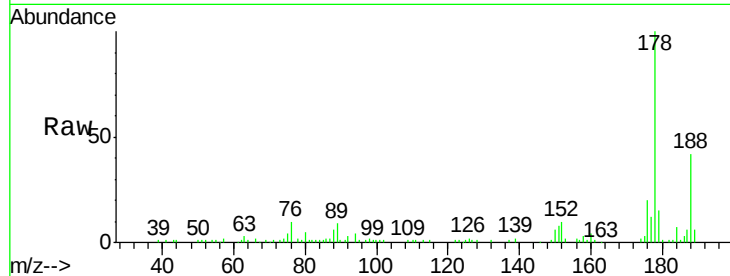
#70
Phenanthrene
Concen: 4.883 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF104115.D
Acq: 31 Mar 2018 1:18

Instrument :
BNA_F
ClientSampleId :
GB-RT-4632

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	14.7	13.0	19.6

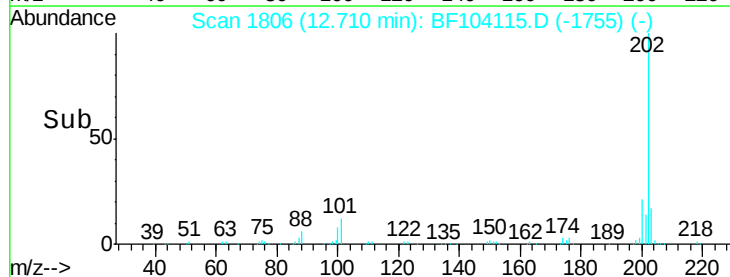
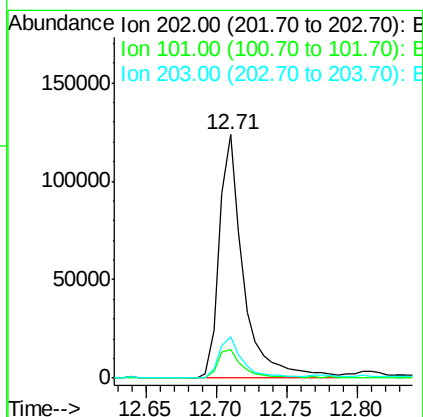
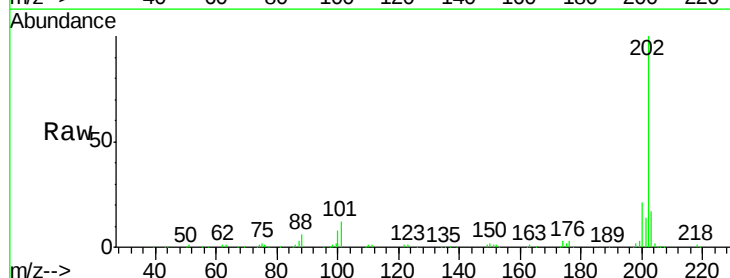
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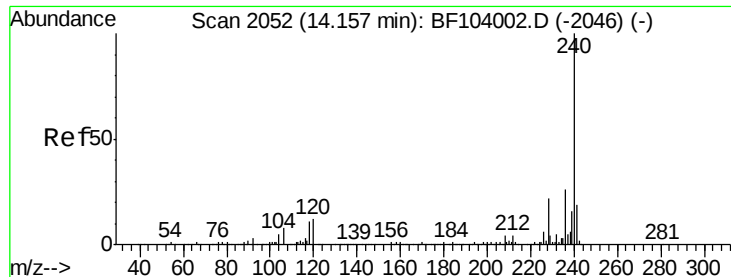
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#74
Fluoranthene
Concen: 7.864 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF104115.D
Acq: 31 Mar 2018 1:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	34.1
203	16.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BF104115.D

Acq: 31 Mar 2018 1:18

Instrument :

BNA_F

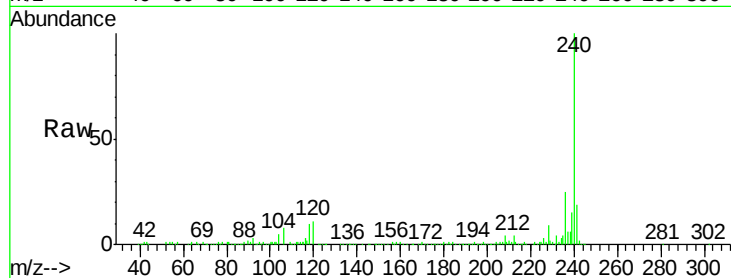
ClientSampleId :

GB-RT-4632

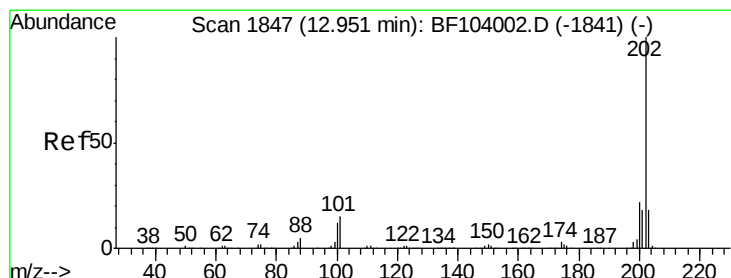
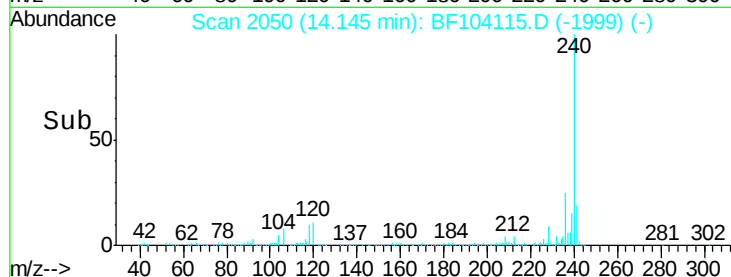
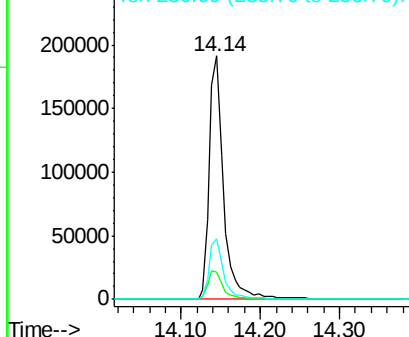
Tot Ion:	240	Resp:	241410
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.5	14.3
236	24.6	20.7	31.1

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: 7.138 ng

RT: 12.94 min Scan# 1845

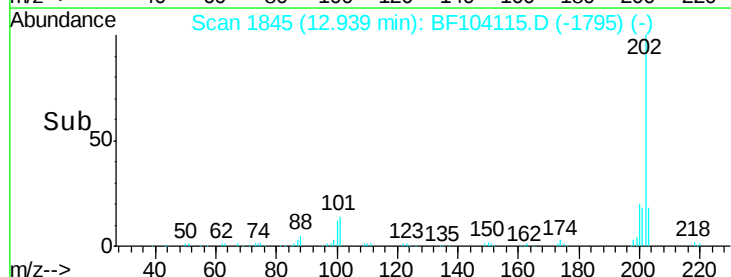
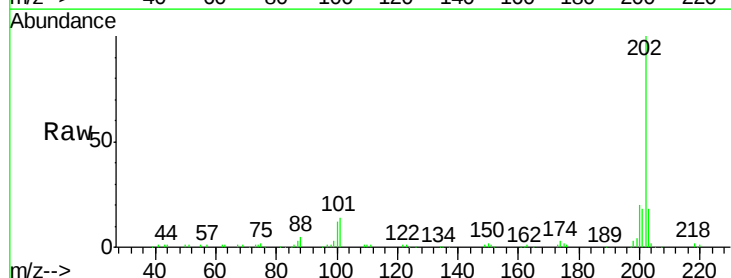
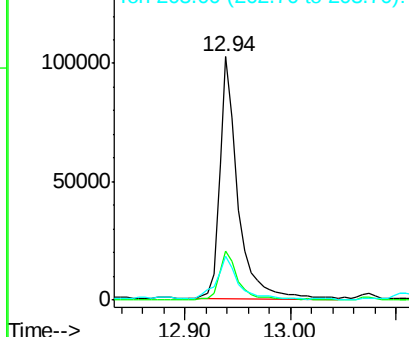
Delta R.T. -0.01 min

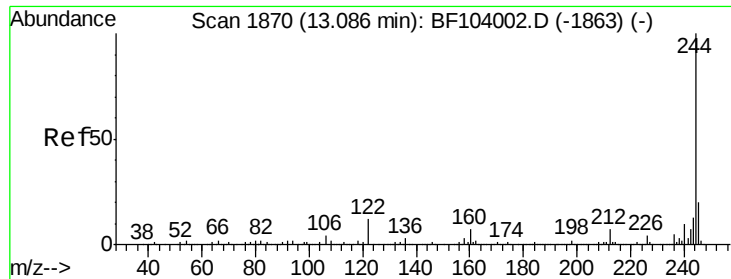
Lab File: BF104115.D

Acq: 31 Mar 2018 1:18

Tgt Ion:	202	Resp:	123868
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.4	26.2
203	18.1	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





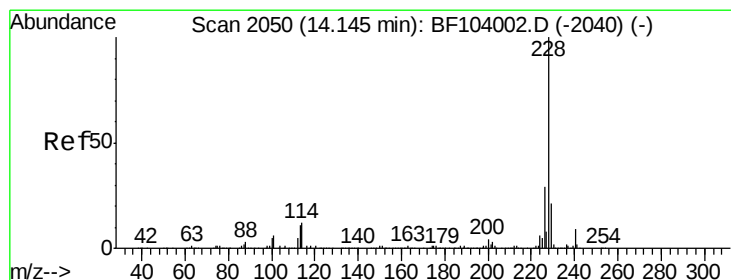
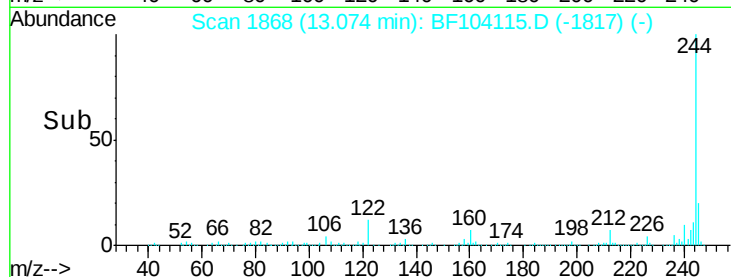
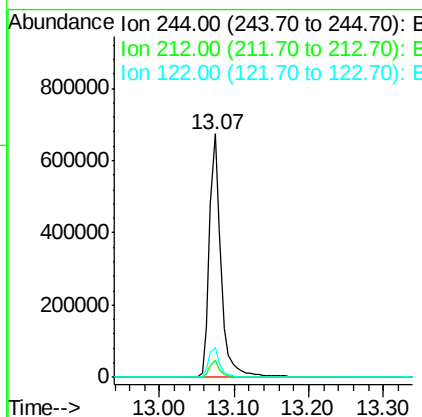
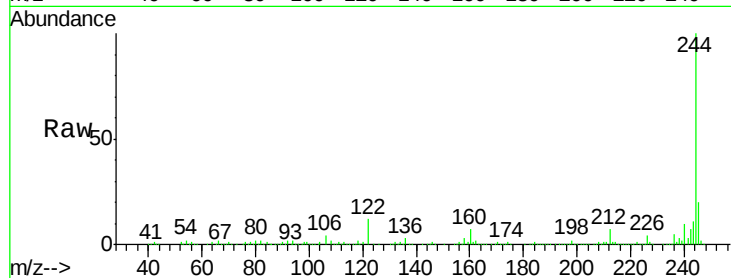
#78
 Terphenyl-d14
 Concen: 70.086 ng
 RT: 13.07 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: BF104115.D
 Acq: 31 Mar 2018 1:18

Instrument :
 BNA_F
 ClientSampleId :
 GB-RT-4632

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.2	11.0	16.4

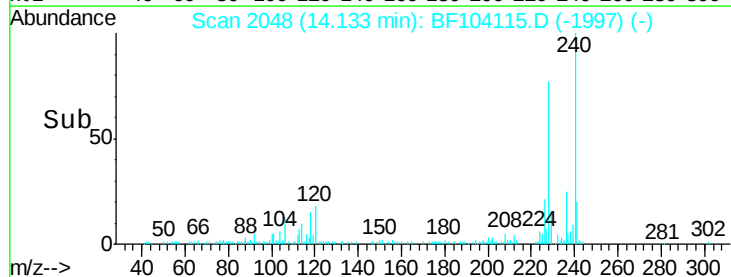
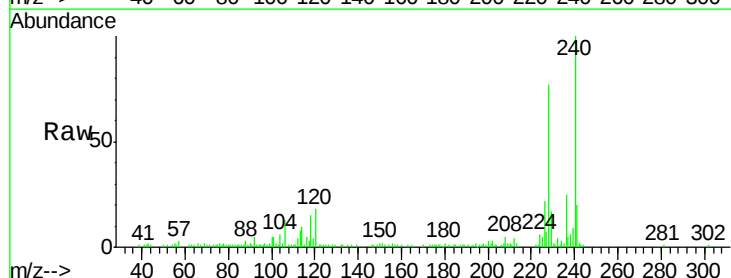
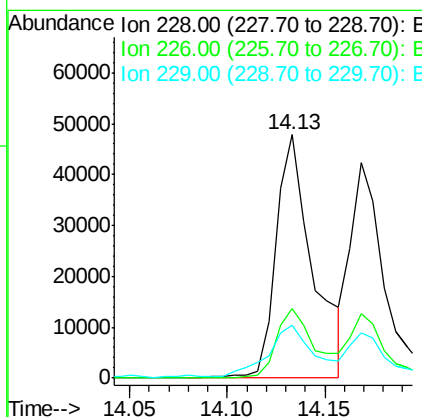
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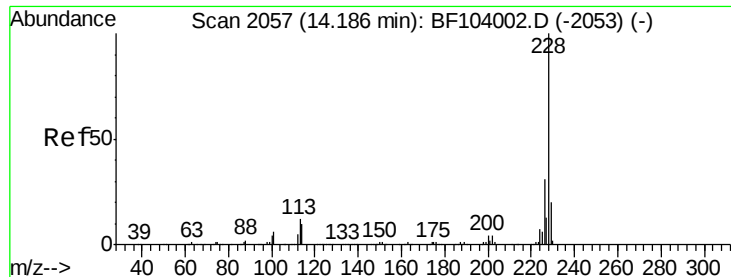
Sohil
 4/2/2018 5:06:05 PM



#80
 Benzo(a)anthracene
 Concen: 4.130 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: BF104115.D
 Acq: 31 Mar 2018 1:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	21.9	15.8	23.6





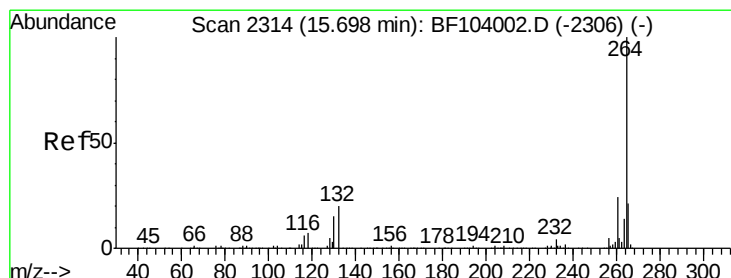
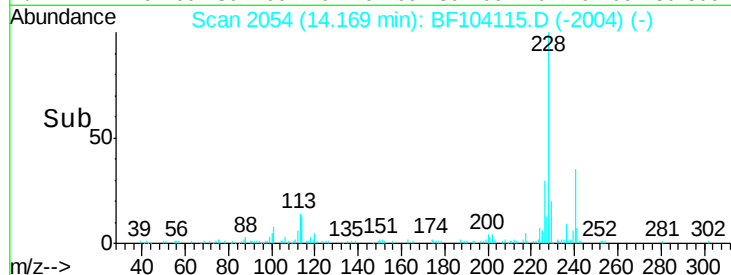
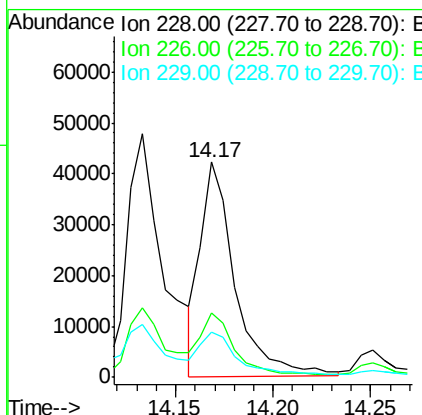
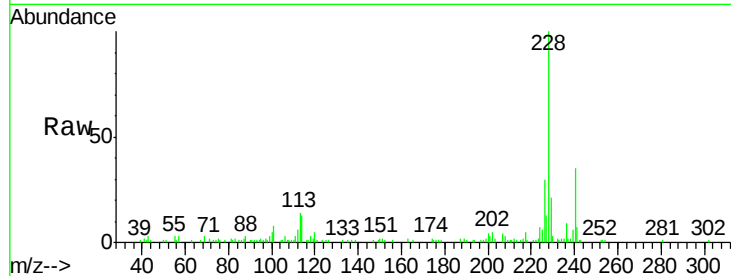
#82
Chrysene
Concen: 3.517 ng
RT: 14.17 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BF104115.D
Acq: 31 Mar 2018 1:18

Instrument :
BNA_F
ClientSampleId :
GB-RT-4632

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	20.7	16.2	24.4

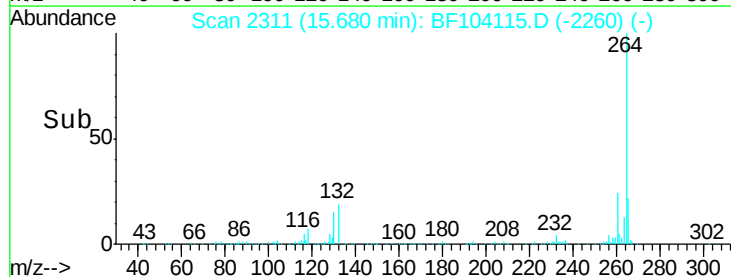
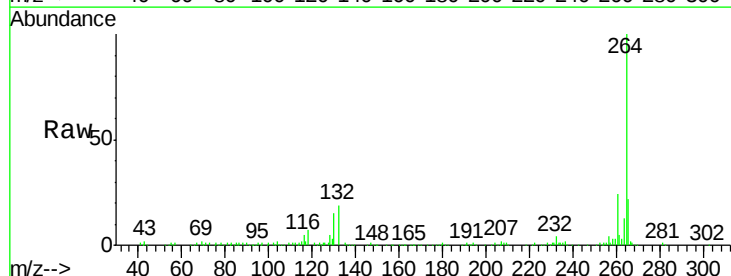
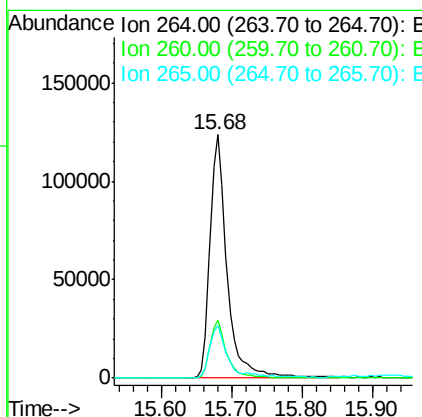
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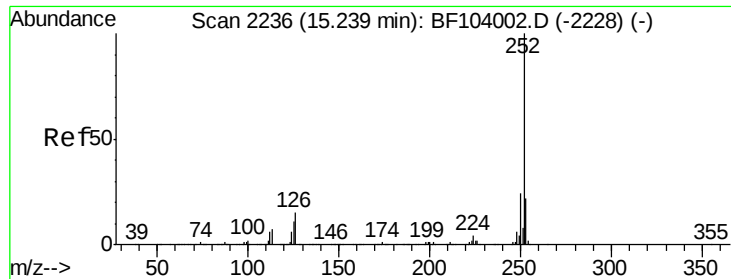
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. 0.00 min
Lab File: BF104115.D
Acq: 31 Mar 2018 1:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 4.271 ng m

RT: 15.22 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BF104115.D

Acq: 31 Mar 2018 1:18

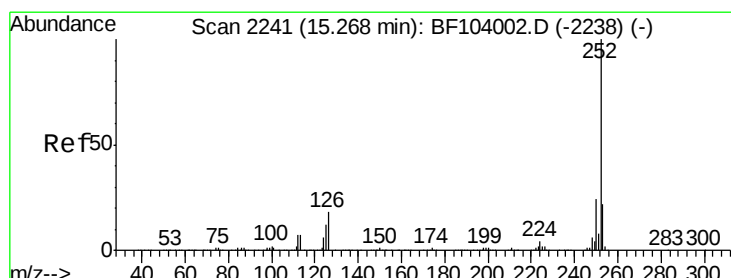
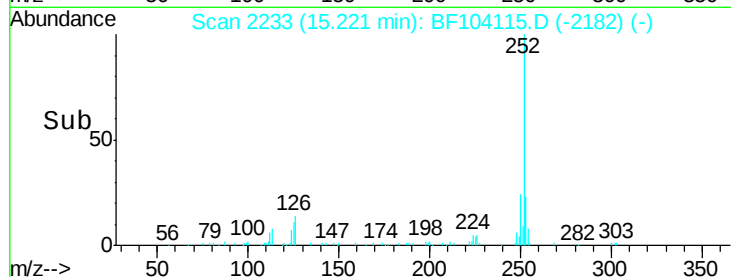
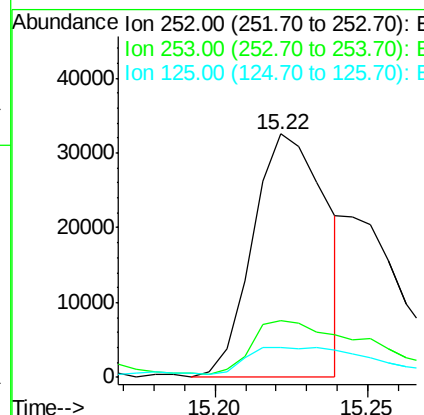
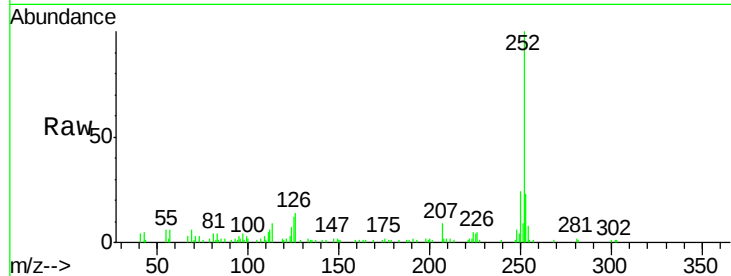
Instrument :
BNA_F

ClientSampleId :
GB-RT-4632

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	12.1	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 2.389 ng m

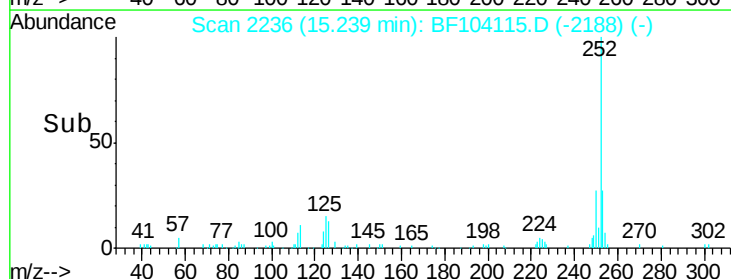
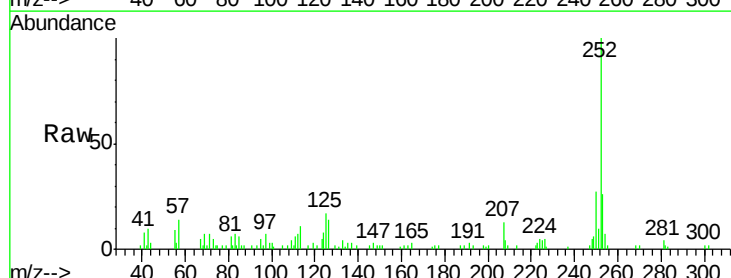
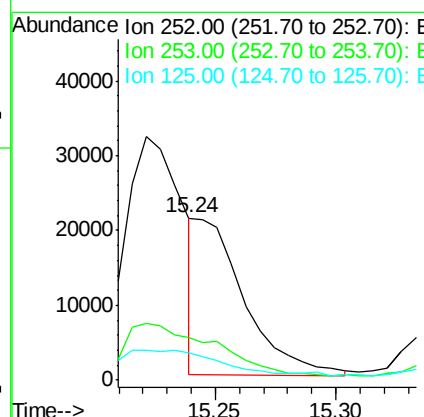
RT: 15.24 min Scan# 2236

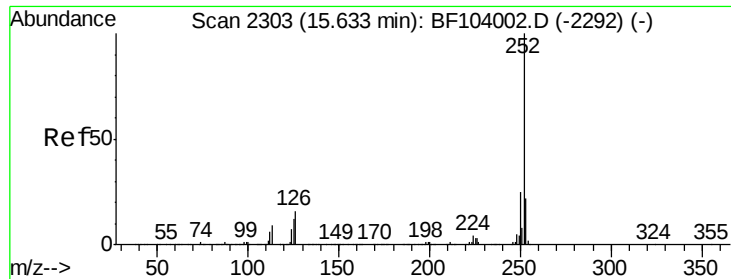
Delta R.T. -0.02 min

Lab File: BF104115.D

Acq: 31 Mar 2018 1:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.9	26.9
125	17.1	10.2	15.2#





#89
 Benzo(a)pyrene
 Concen: 3.669 ng
 RT: 15.62 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BF104115.D
 Acq: 31 Mar 2018 1:18

Instrument :
 BNA_F
 ClientSampleId :
 GB-RT-4632

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.1	25.7
125	16.7	9.8	14.6

Manual Integrations
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 4/2/2018 5:06:05 PM

