

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104052.D
 Acq On : 29 Mar 2018 15:49
 Operator : JU/SJ
 Sample : J2120-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BES-2

Manual Integrations
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Sohil
 3/30/2018 6:00:49 PM

Quant Time: Mar 30 09:19:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	111097	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	471108	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	220802	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	367356	20.00	ng	0.00
75) Chrysene-d12	14.16	240	240964	20.00	ng	0.00
86) Perylene-d12	15.70	264	223326	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	517859	74.34	ng	0.00
7) Phenol-d6	6.60	99	779783	90.98	ng	0.00
23) Nitrobenzene-d5	7.53	82	472468	61.33	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	125901	51.21	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	952682	68.04	ng	0.00
78) Terphenyl-d14	13.09	244	769951	73.78	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	80187	4.600	ng	99
70) Phenanthrene	11.53	178	86452	4.347	ng	98
74) Fluoranthene	12.72	202	152537	7.215	ng	95
77) Pyrene	12.95	202	103103	5.952	ng	98
80) Benzo(a)anthracene	14.14	228	30547m	2.026	ng	
82) Chrysene	14.18	228	61713m	4.179	ng	
83) Bis(2-ethylhexyl)phthalate	14.10	149	33001	3.130	ng	99
87) Benzo(b)fluoranthene	15.24	252	50923m	3.747	ng	
89) Benzo(a)pyrene	15.63	252	25585	2.031	ng	# 90

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

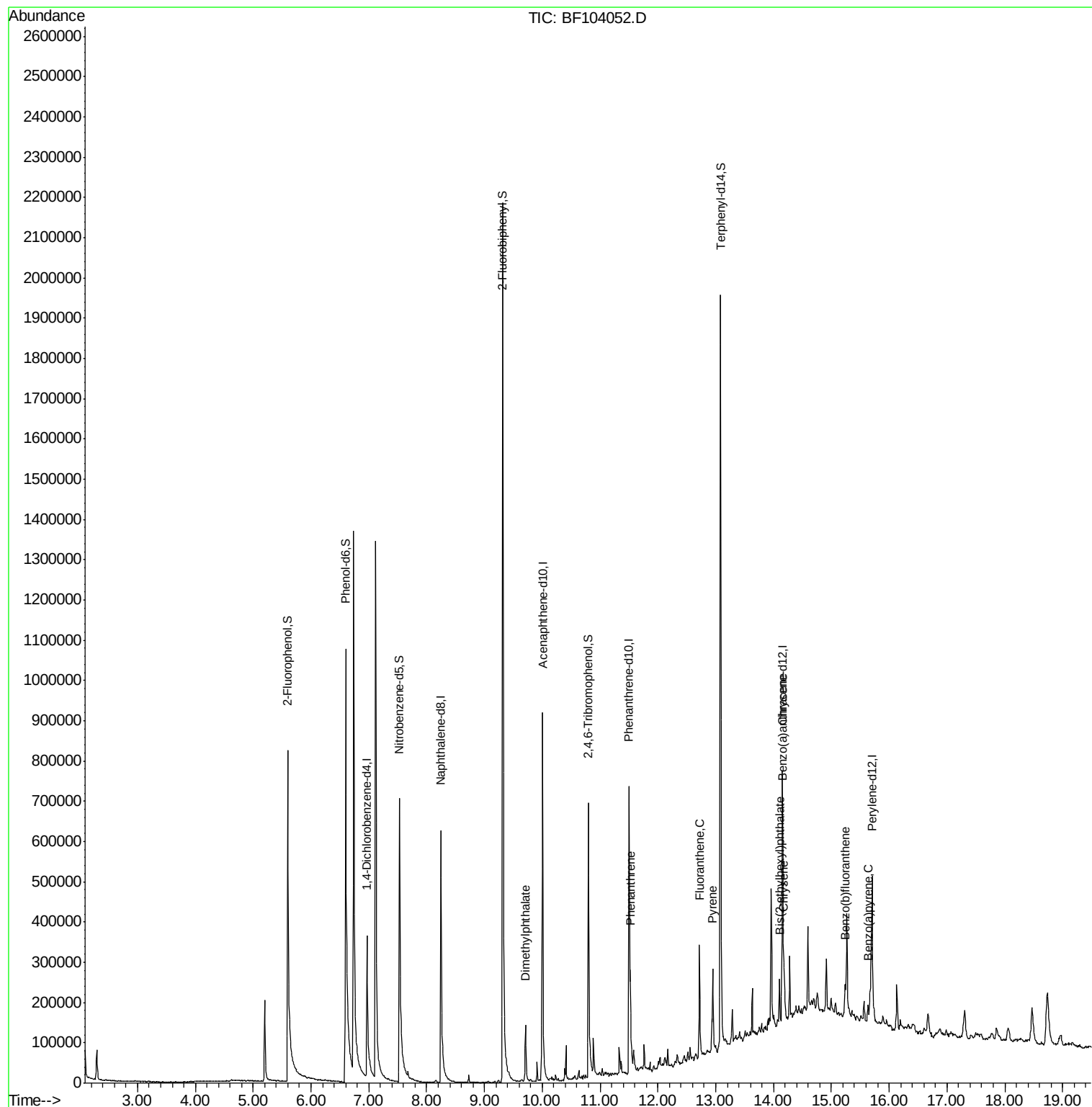
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104052.D
Acq On : 29 Mar 2018 15:49
Operator : JU/SJ
Sample : J2120-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

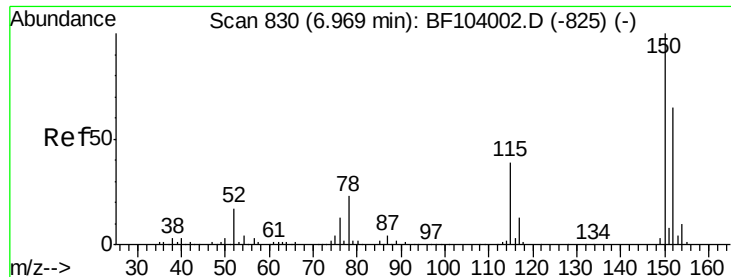
Instrument :
BNA_F
ClientSampleId :
BES-2

Manual Integrations
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Quant Time: Mar 30 09:19:27 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

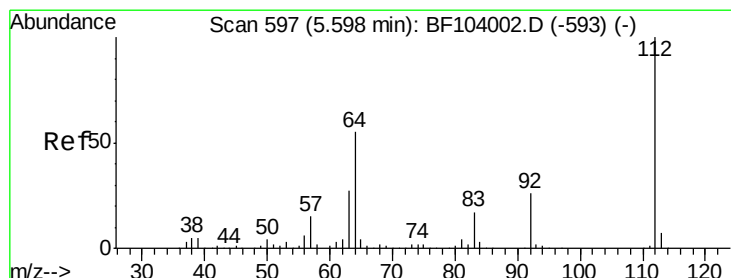
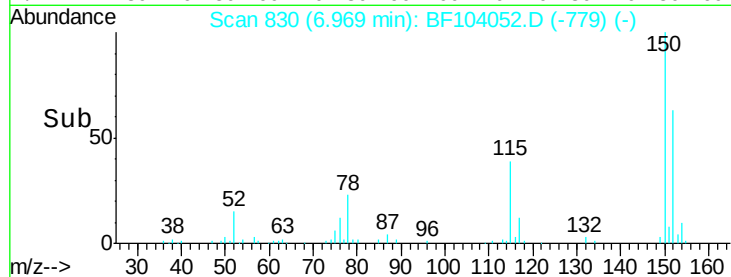
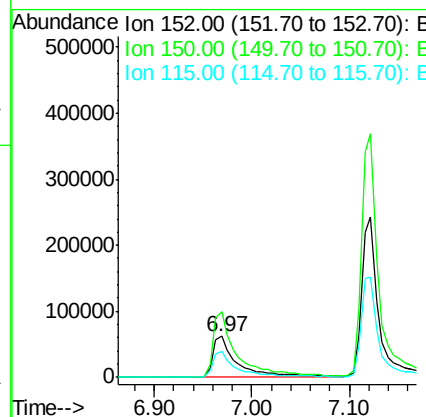
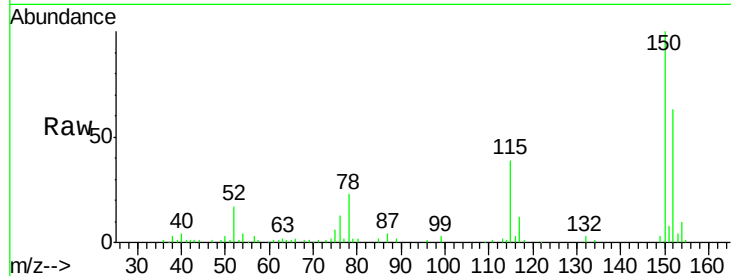
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104052.D
Acq: 29 Mar 2018 15:49

Instrument :
BNA_F
ClientSampled :
BES-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	62.0	50.1	75.1

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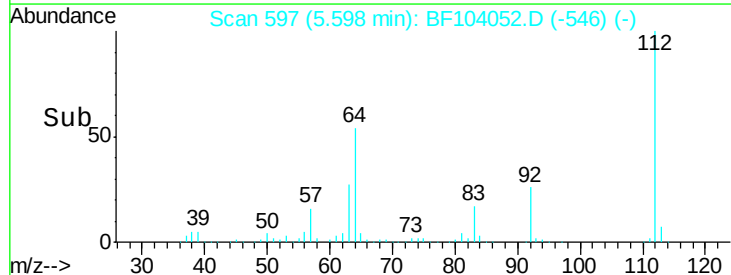
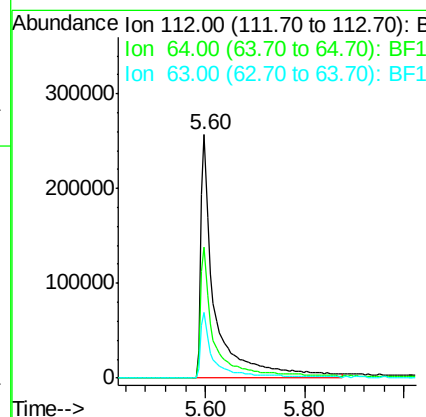
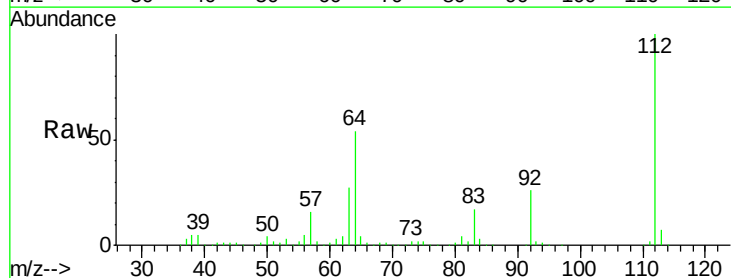
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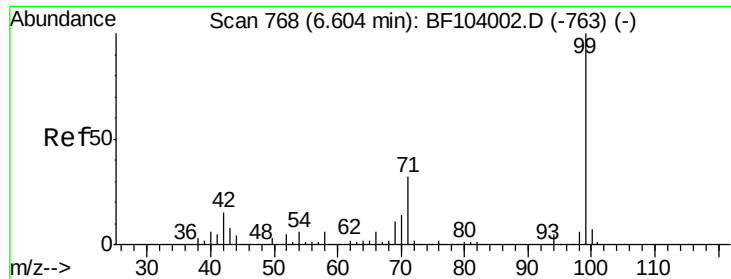


#5

2-Fluorophenol
Concen: 74.336 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF104052.D
Acq: 29 Mar 2018 15:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	47.9	71.9
63	26.8	23.7	35.5





#7

Phenol-d6

Concen: 90.981 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104052.D

Acq: 29 Mar 2018 15:49

Instrument :

BNA_F

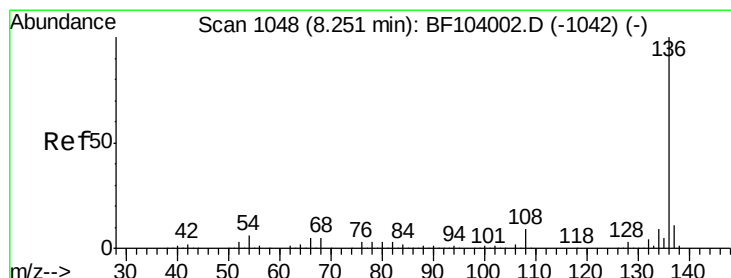
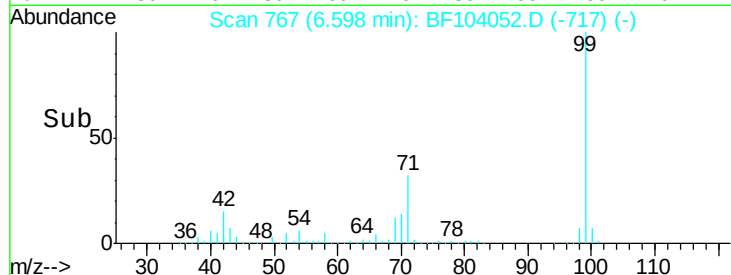
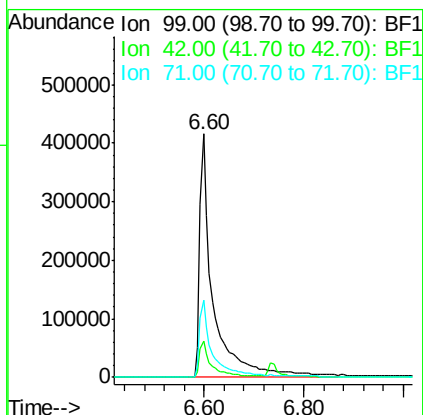
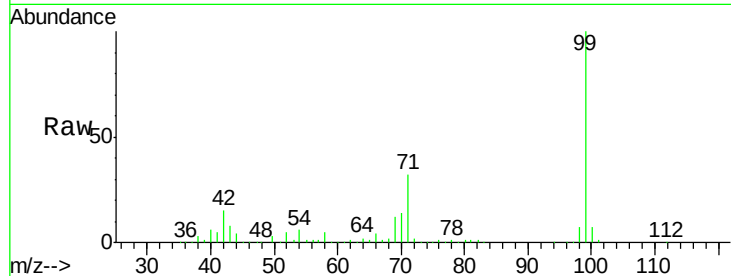
ClientSampled :

BES-2

Tot Ion:	99	Resp:	779783
Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.5	21.7
71	31.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

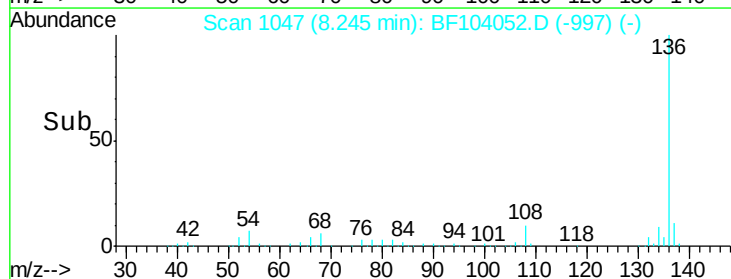
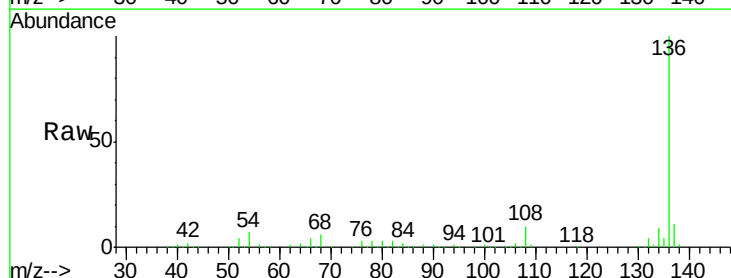
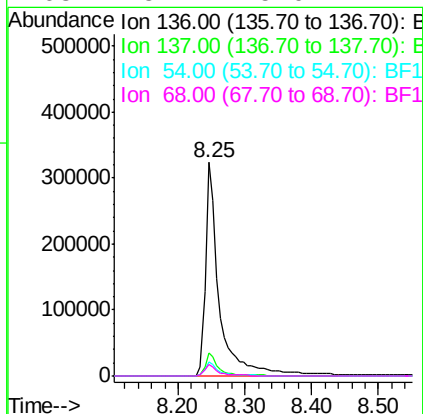
RT: 8.25 min Scan# 1047

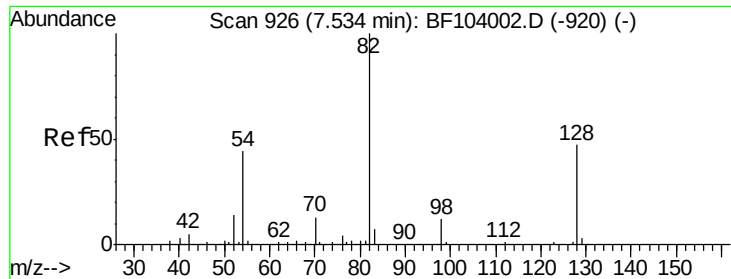
Delta R.T. -0.01 min

Lab File: BF104052.D

Acq: 29 Mar 2018 15:49

Tgt Ion:	136	Resp:	471108
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.8	6.6	9.8
68	5.7	5.0	7.4





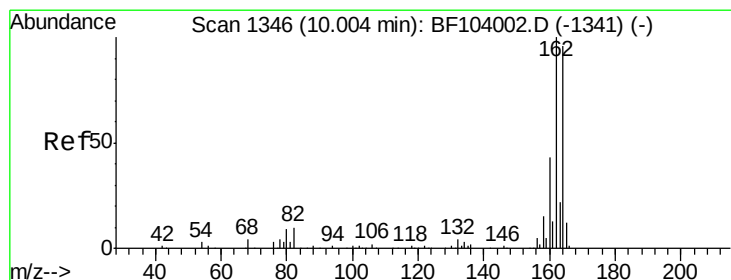
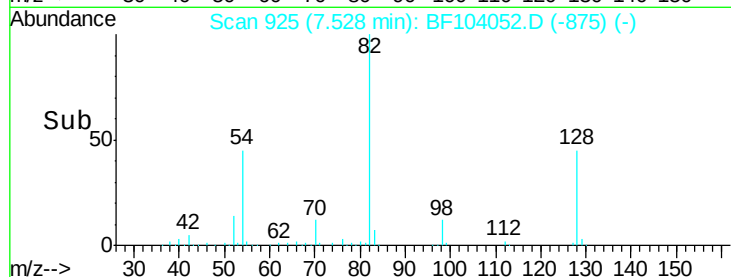
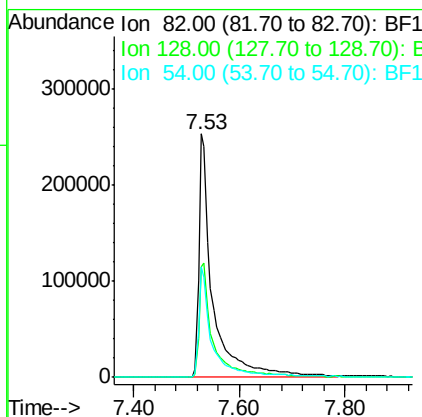
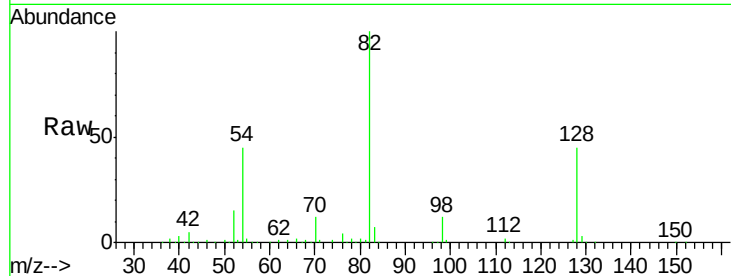
#23
Nitrobenzene-d5
Concen: 61.332 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104052.D
Acq: 29 Mar 2018 15:49

Instrument :
BNA_F
ClientSampled :
BES-2

Tot Ion	82	Resp	472468
Ion Ratio	100	Lower	Upper
128	45.2	36.1	54.1
54	45.2	41.4	62.2

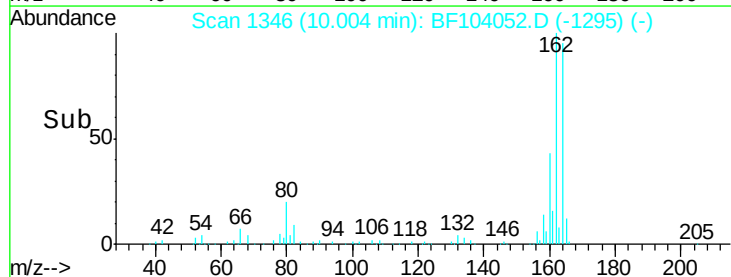
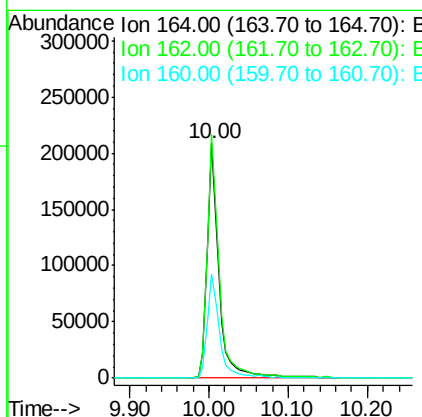
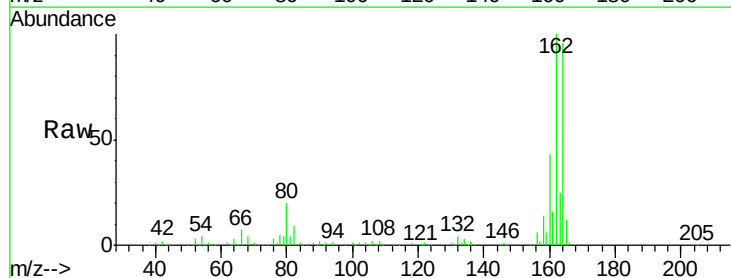
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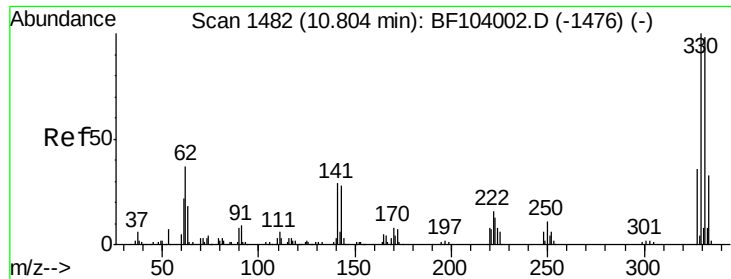
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104052.D
Acq: 29 Mar 2018 15:49

Tgt Ion	164	Resp	220802
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	104.0	86.1	129.1
160	44.3	38.3	57.5





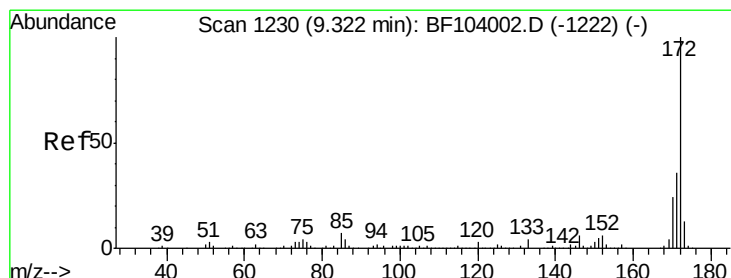
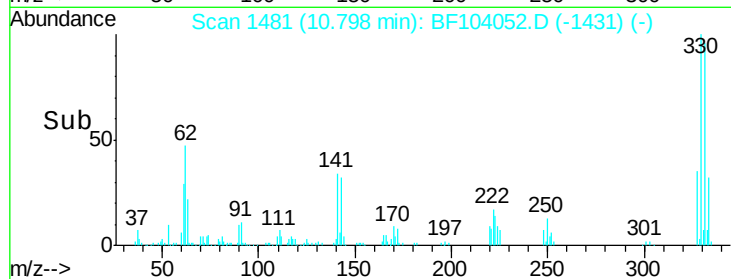
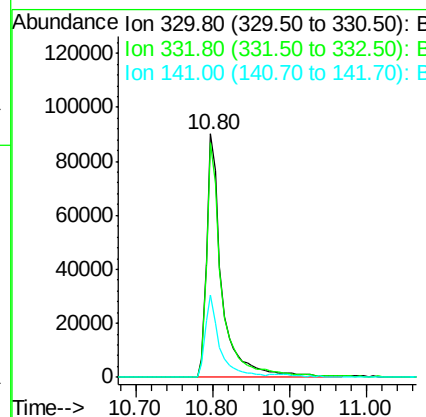
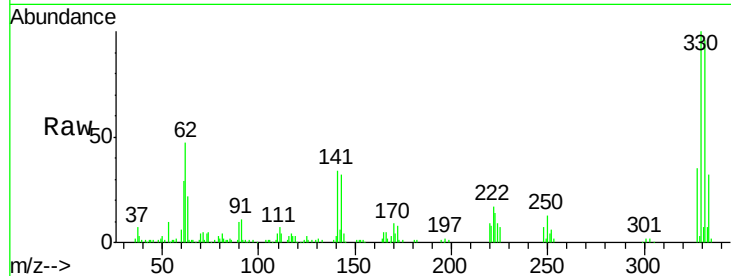
#41
 2,4,6-Tribromophenol
 Concen: 51.208 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104052.D
 Acq: 29 Mar 2018 15:49

Instrument :
 BNA_F
 ClientSampleId :
 BES-2

Tot Ion	Ratio	Resp	Lower	Upper
330	100	125901		
332	96.7	77.0	115.6	
141	32.3	29.9	44.9	

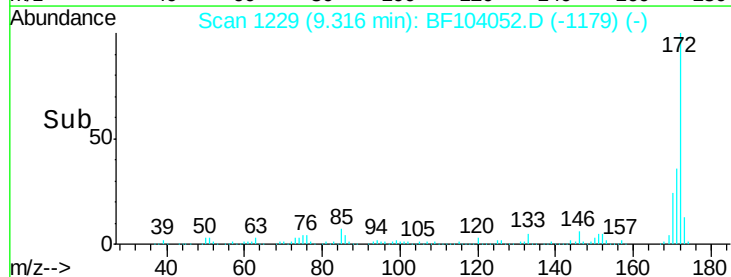
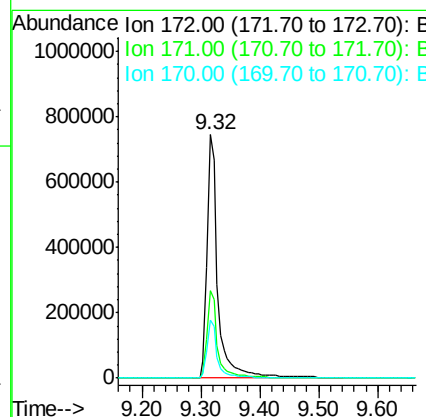
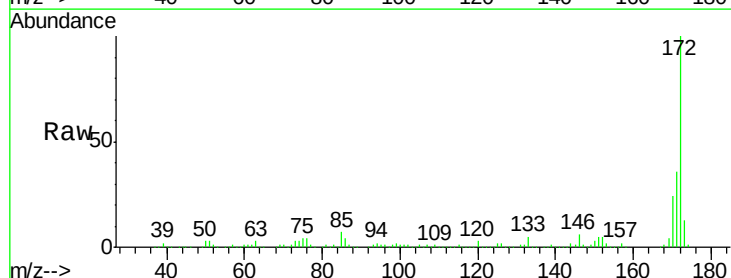
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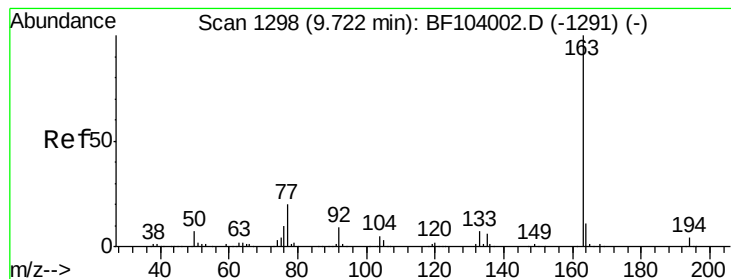
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#44
 2-Fluorobiphenyl
 Concen: 68.038 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104052.D
 Acq: 29 Mar 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	952682		
171	36.0	29.7	44.5	
170	24.0	19.6	29.4	





#49

Dimethylphthalate

Concen: 4.600 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF104052.D

Acq: 29 Mar 2018 15:49

Instrument :

BNA_F

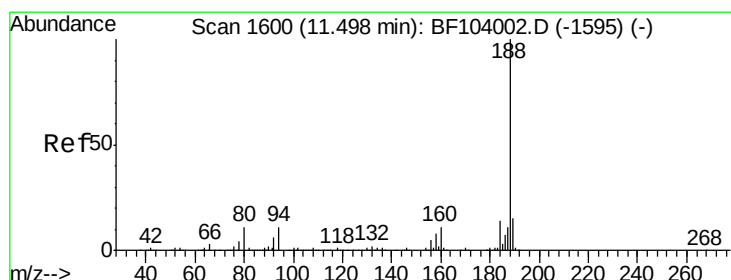
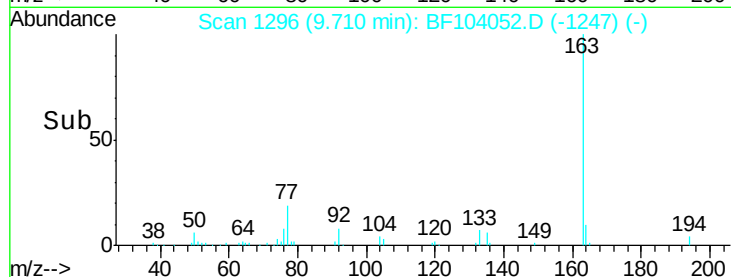
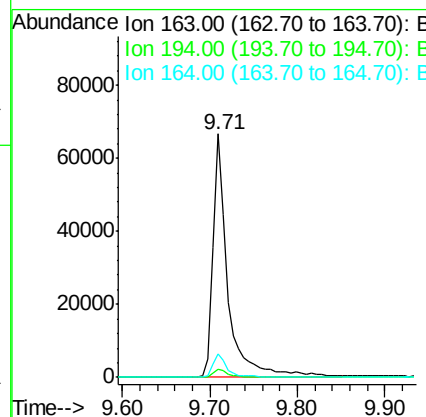
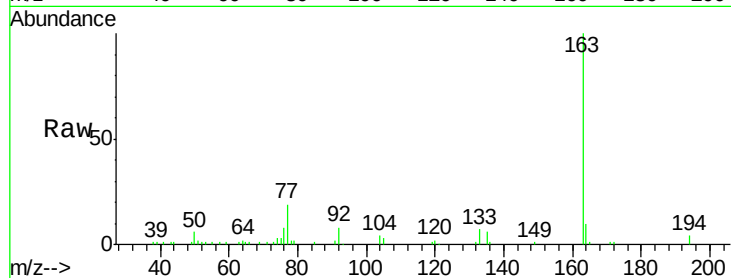
ClientSampled :

BES-2

Tot Ion:	163	Resp:	80187
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	9.8	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

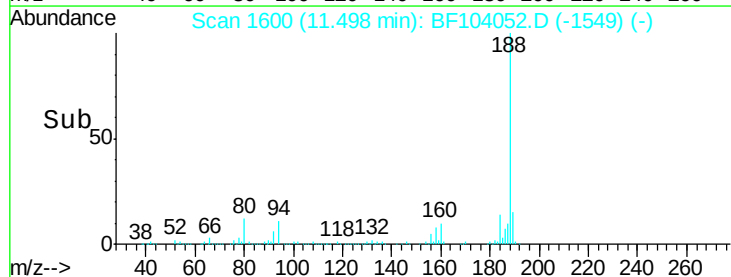
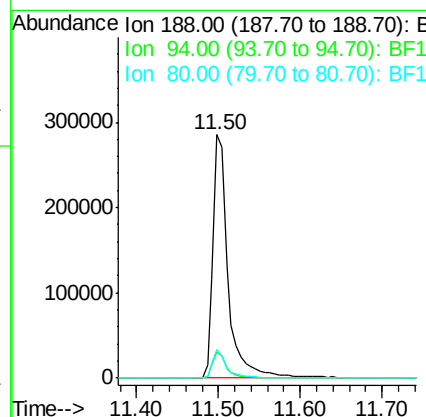
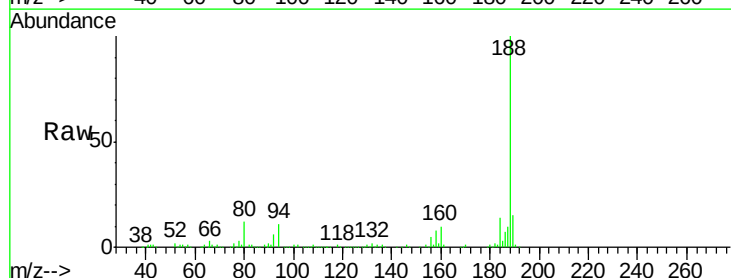
RT: 11.50 min Scan# 1600

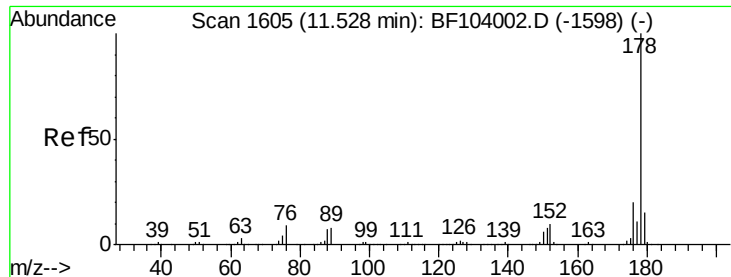
Delta R.T. -0.00 min

Lab File: BF104052.D

Acq: 29 Mar 2018 15:49

Tgt Ion:	188	Resp:	367356
Ion Ratio	Lower	Upper	
188	100		
94	10.7	8.5	12.7
80	11.6	9.2	13.8





#70

Phenanthrene

Concen: 4.347 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.00 min

Lab File: BF104052.D

Acq: 29 Mar 2018 15:49

Instrument :

BNA_F

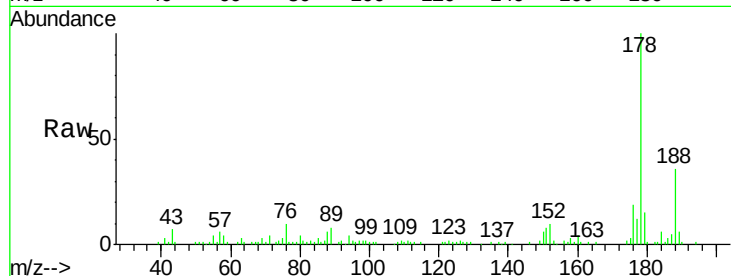
ClientSampled :

BES-2

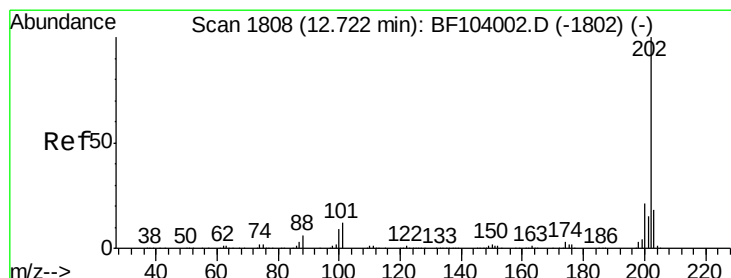
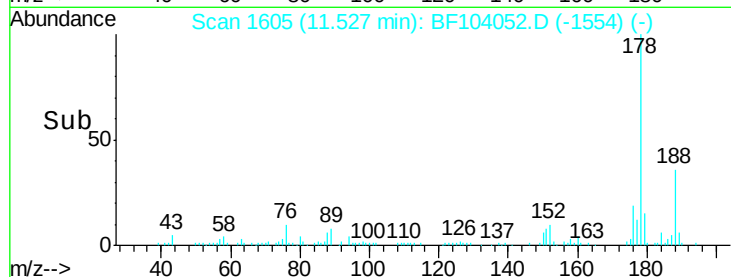
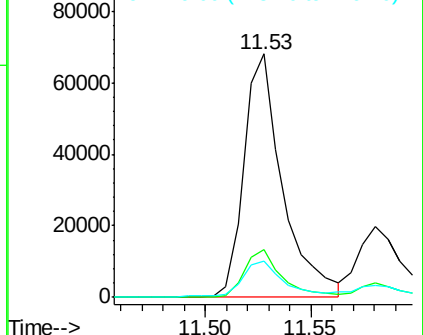
Tot Ion:	178	Resp:	86452
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	14.9	13.0	19.6

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 7.215 ng

RT: 12.72 min Scan# 1808

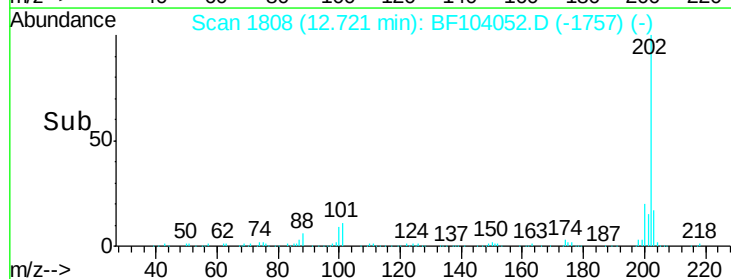
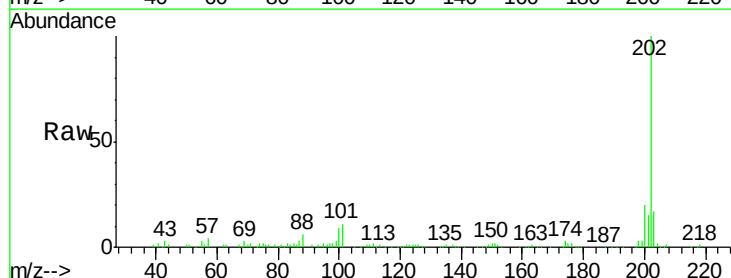
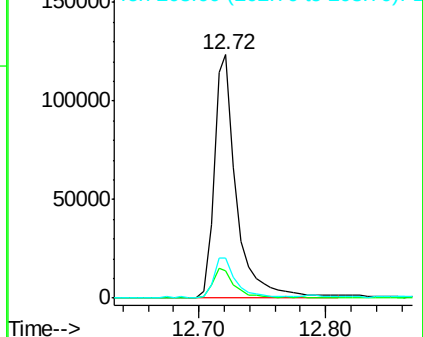
Delta R.T. -0.00 min

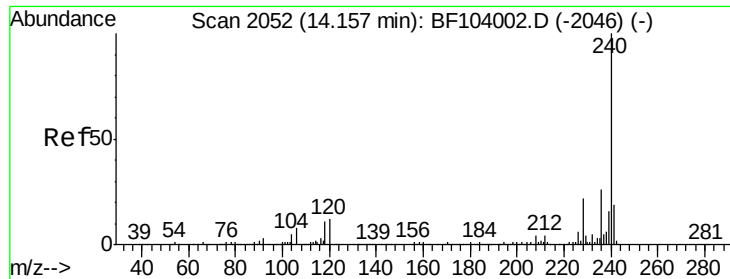
Lab File: BF104052.D

Acq: 29 Mar 2018 15:49

Tgt Ion:	202	Resp:	152537
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.1
203	16.6	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





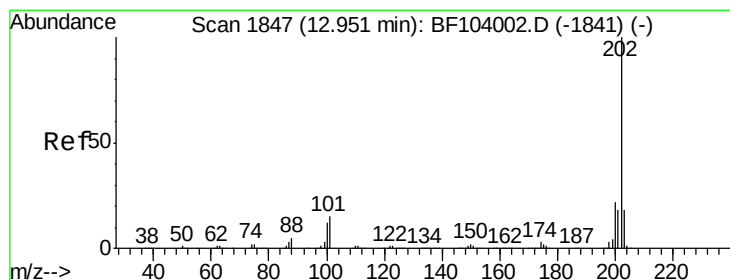
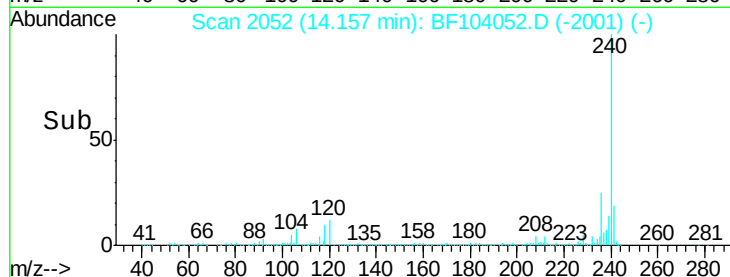
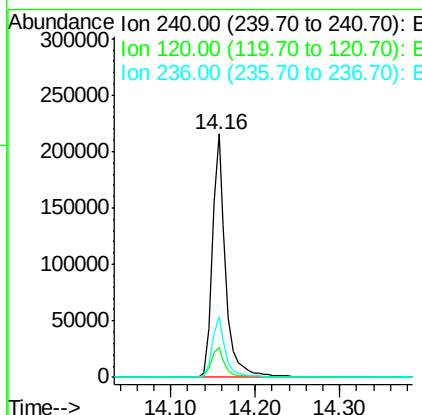
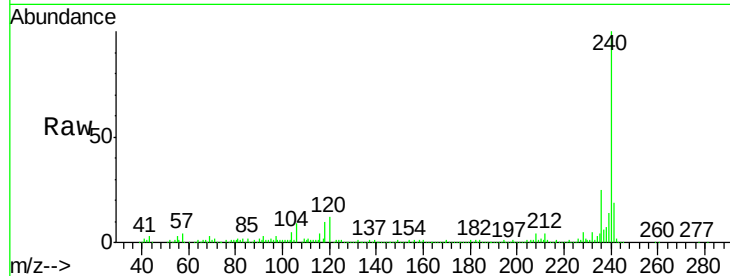
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF104052.D
Acq: 29 Mar 2018 15:49

Instrument :
BNA_F
ClientSampled :
BES-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	24.8	20.7	31.1

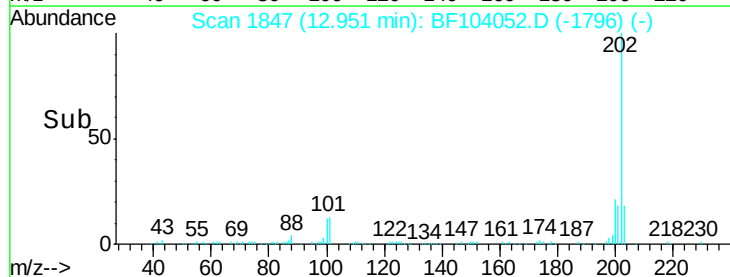
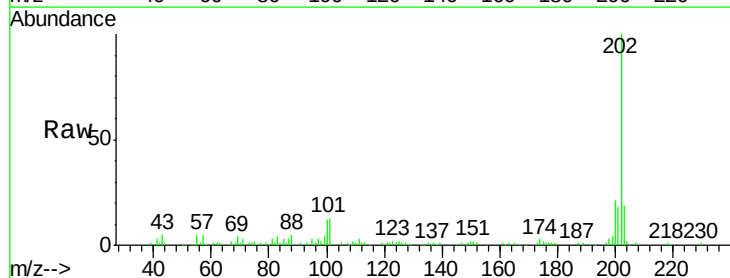
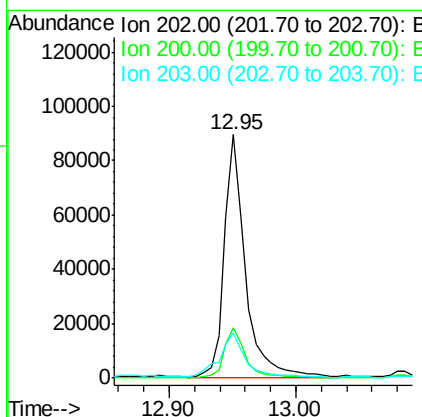
Manual Integrations
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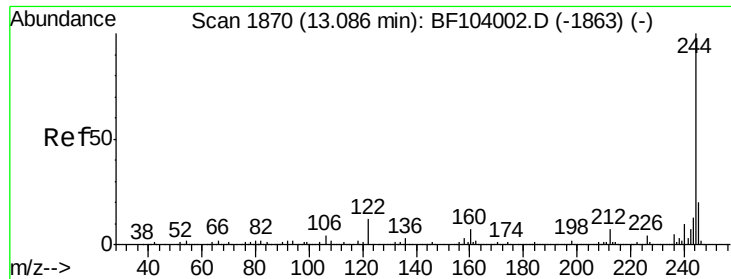
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#77
Pyrene
Concen: 5.952 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF104052.D
Acq: 29 Mar 2018 15:49

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	18.7	14.3	21.5





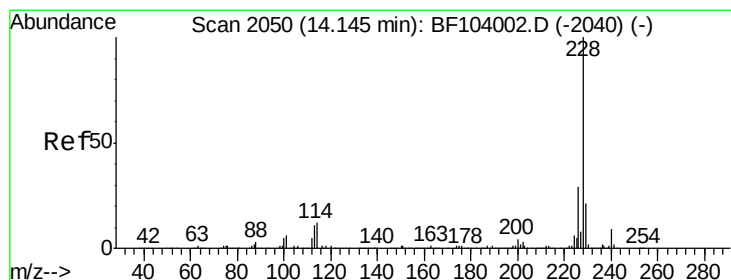
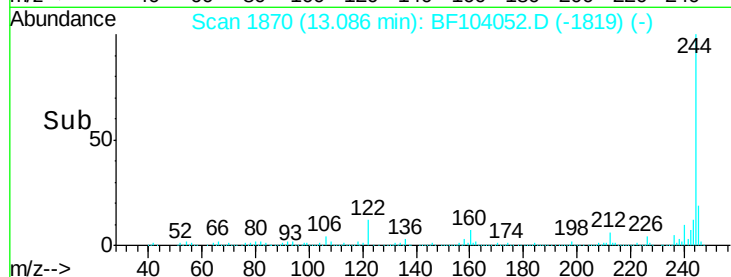
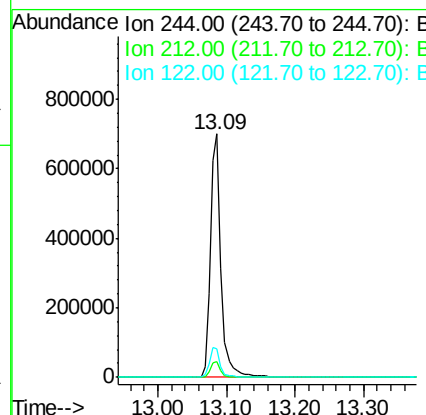
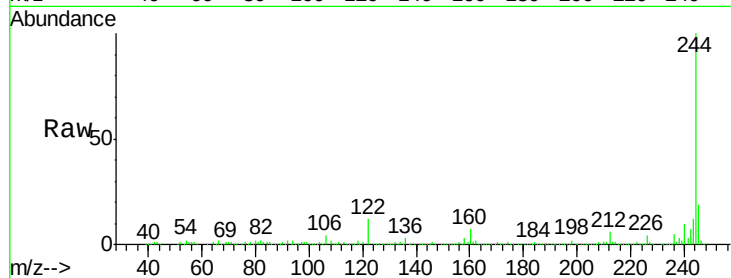
#78
 Terphenyl-d14
 Concen: 73.778 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: BF104052.D
 Acq: 29 Mar 2018 15:49

Instrument :
 BNA_F
 ClientSampleId :
 BES-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	11.6	11.0	16.4

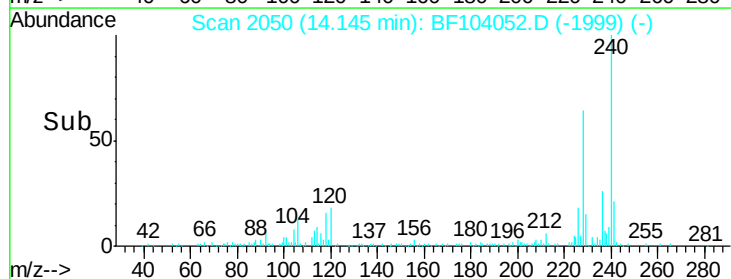
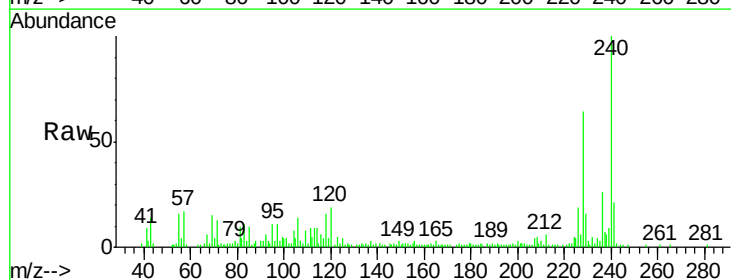
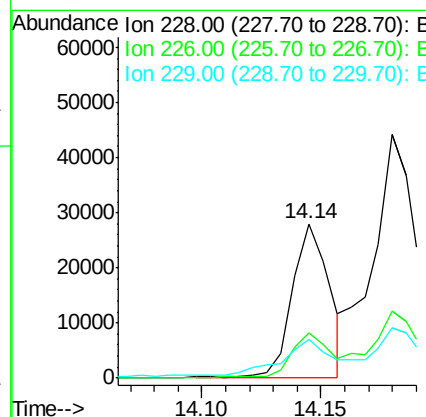
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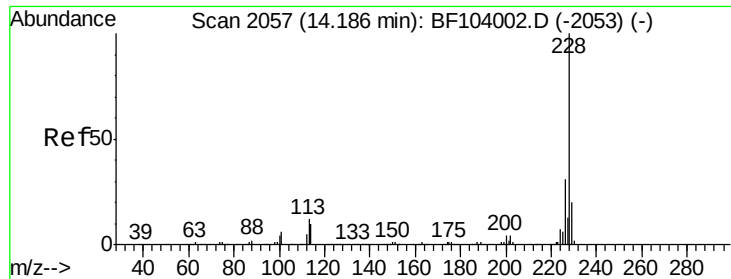
Sohil
 3/30/2018 6:00:49 PM



#80
 Benzo(a)anthracene
 Concen: 2.026 ng m
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BF104052.D
 Acq: 29 Mar 2018 15:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	25.2	15.8	23.6





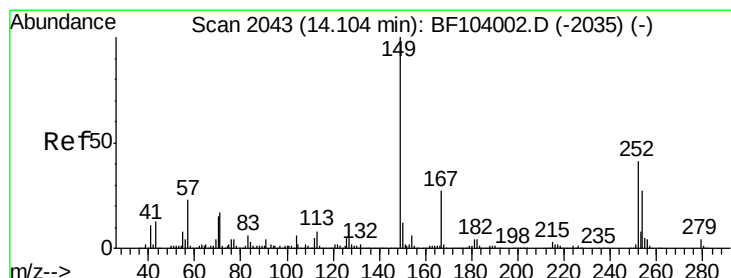
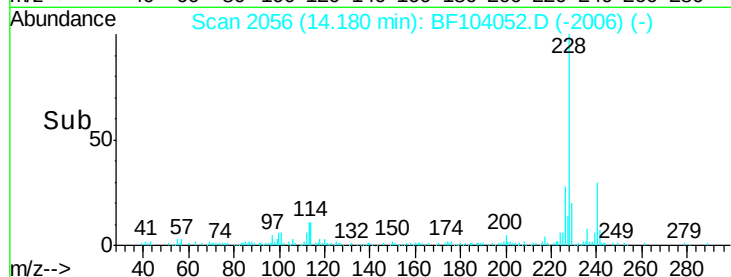
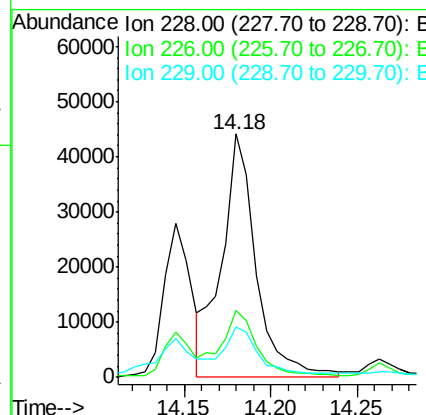
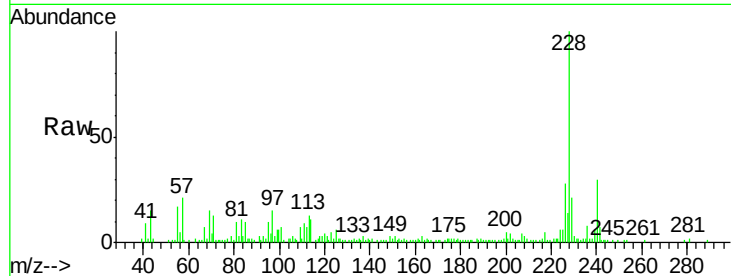
#82
 Chrysene
 Concen: 4.179 ng/mL
 RT: 14.18 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BF104052.D
 Acq: 29 Mar 2018 15:49

Instrument :
 BNA_F
 ClientSampled :
 BES-2

Tot Ion:228	Resp:	61713
Ion Ratio	Lower	Upper
228	100	
226	27.6	25.0 37.6
229	20.7	16.2 24.4

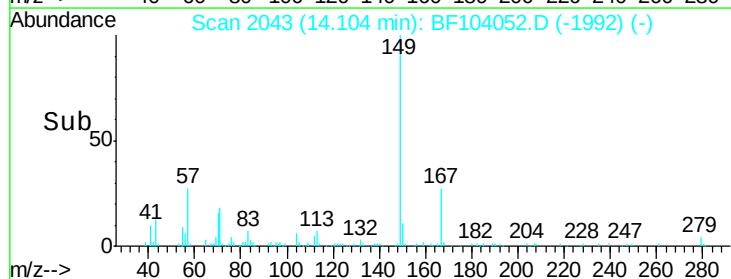
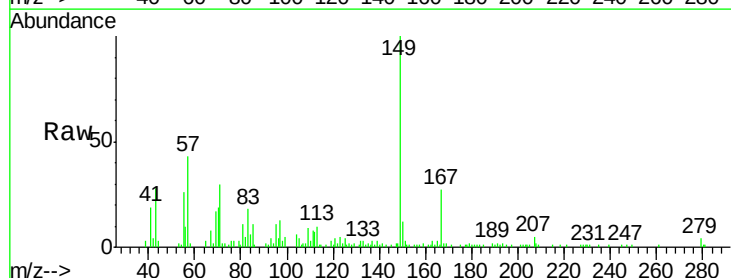
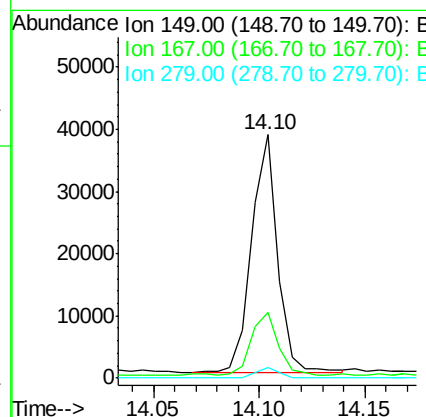
Manual Integrations
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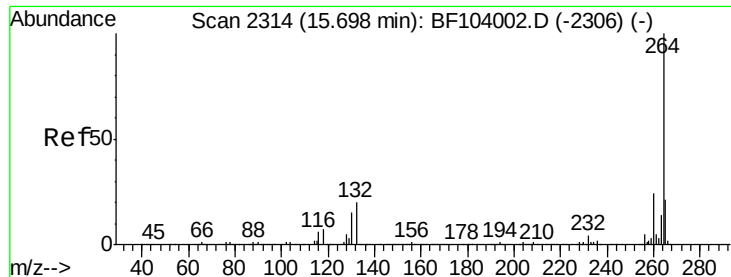
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 3/30/2018 6:00:49 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.130 ng/mL
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF104052.D
 Acq: 29 Mar 2018 15:49

Tgt Ion:149	Resp:	33001
Ion Ratio	Lower	Upper
149	100	
167	27.2	21.3 31.9
279	4.2	3.0 4.4





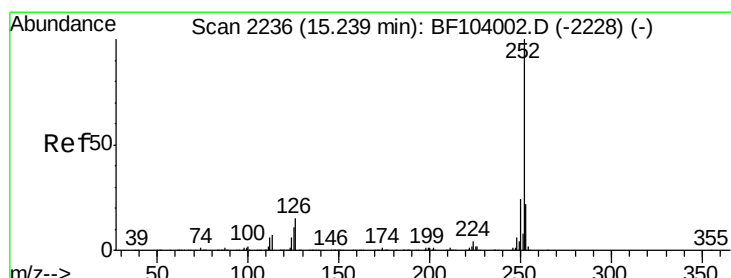
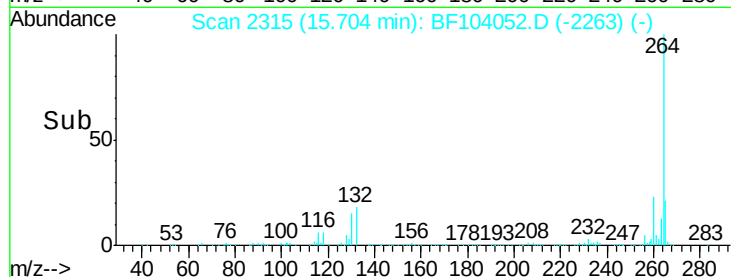
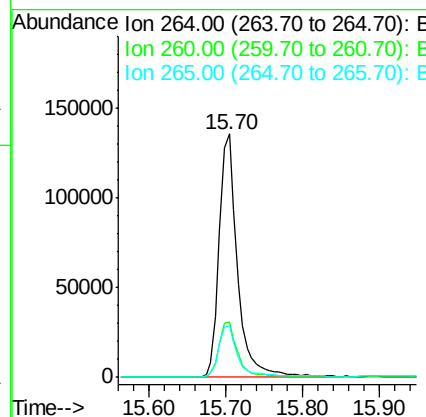
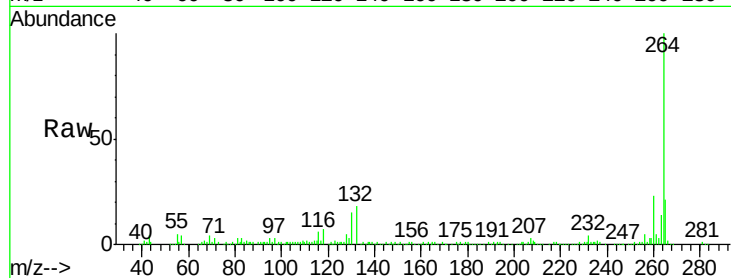
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.01 min
Lab File: BF104052.D
Acq: 29 Mar 2018 15:49

Instrument :
BNA_F
ClientSampled :
BES-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.3	17.5	26.3

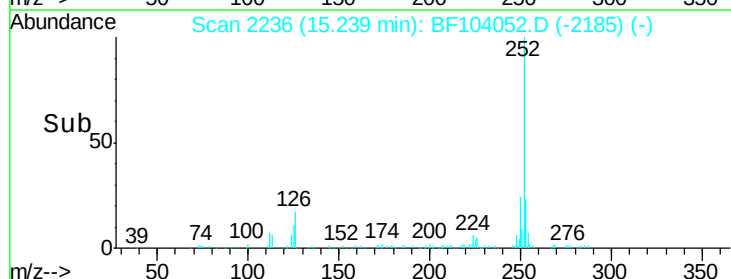
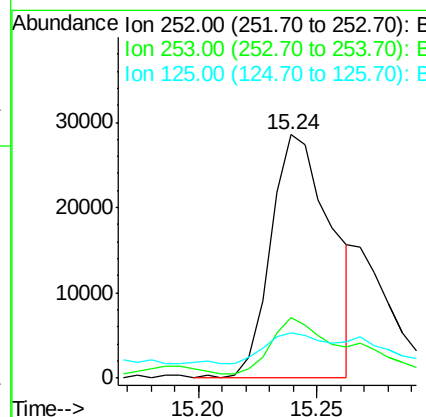
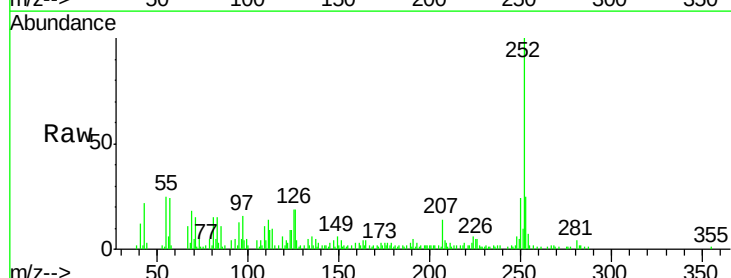
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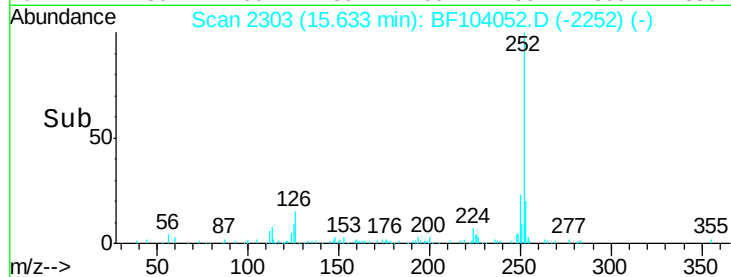
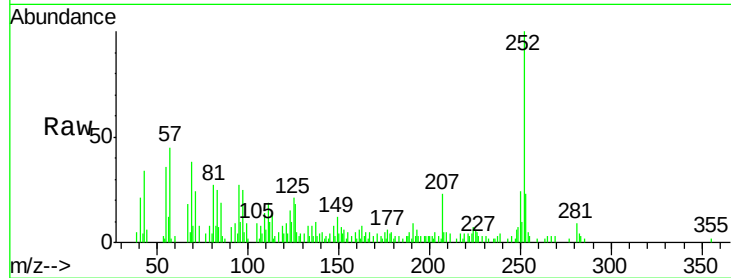
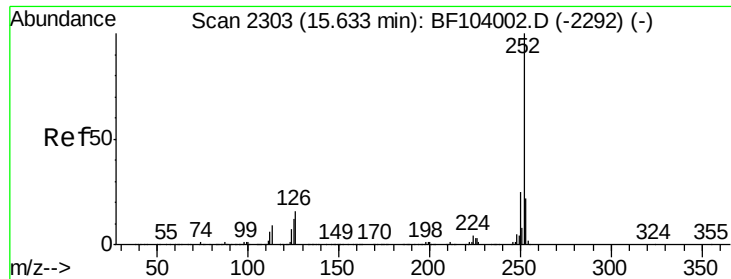
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#87
Benzo(b)fluoranthene
Concen: 3.747 ng m
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF104052.D
Acq: 29 Mar 2018 15:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.0	25.6
125	18.5	9.0	13.6





#89

Benzo(a)pyrene

Concen: 2.031 ng

RT: 15.63 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BF104052.D

Acq: 29 Mar 2018 15:49

Instrument :

BNA_F

ClientSampleId :

BES-2

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.6	17.1	25.7
125	21.1	9.8	14.6

Manual Integrations
APPROVED

Sohil
3/30/2018 6:00:49 PM

