

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF011218\
 Data File : BF102054.D
 Acq On : 12 Jan 2018 20:23
 Operator : SJ/JU
 Sample : J1094-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DBSW-2(0-4)

Manual Integrations
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Sohil
 1/15/2018 4:23:01 PM

Quant Time: Jan 12 23:50:26 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	223740	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	844905	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	324927	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	440284	20.00	ng	0.00
75) Chrysene-d12	13.89	240	360787	20.00	ng	0.00
86) Perylene-d12	15.31	264	295648	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1422175	89.76	ng	0.02
7) Phenol-d6	6.37	99	1663480	87.99	ng	0.00
23) Nitrobenzene-d5	7.30	82	1007624	70.08	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	218402	77.02	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1359125	65.35	ng	0.00
78) Terphenyl-d14	12.83	244	787057	45.29	ng	0.00
Target Compounds						
10) Phenol	6.38	94	64669	3.027	ng	Qvalue 97
49) Dimethylphthalate	9.48	163	294784	11.309	ng	100
70) Phenanthrene	11.27	178	230726	8.971	ng	99
71) Anthracene	11.32	178	56673	2.173	ng	98
74) Fluoranthene	12.46	202	325141	12.850	ng	99
77) Pyrene	12.69	202	281847	8.838	ng	100
80) Benzo(a)anthracene	13.87	228	146429	6.361	ng	96
82) Chrysene	13.91	228	146056	6.085	ng	97
85) Indeno(1,2,3-cd)pyrene	16.69	276	53222	3.046	ng	96
87) Benzo(b)fluoranthene	14.90	252	160317m	8.316	ng	
88) Benzo(k)fluoranthene	14.92	252	59947m	3.224	ng	
89) Benzo(a)pyrene	15.24	252	106032	6.112	ng	# 87
91) Benzo(g,h,i)perylene	17.10	276	51995	3.729	ng	# 89

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

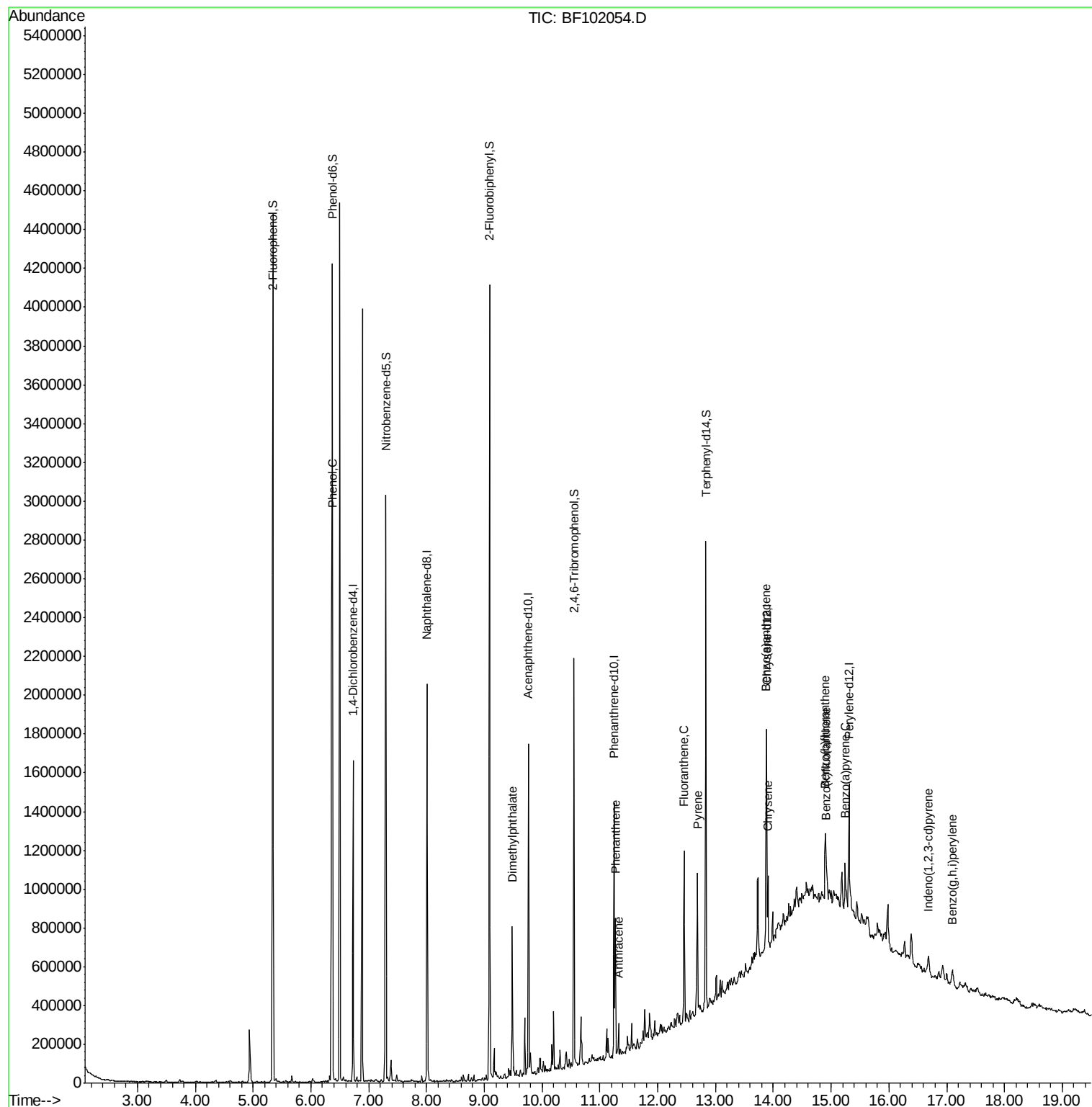
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102054.D
Acq On : 12 Jan 2018 20:23
Operator : SJ/JU
Sample : J1094-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

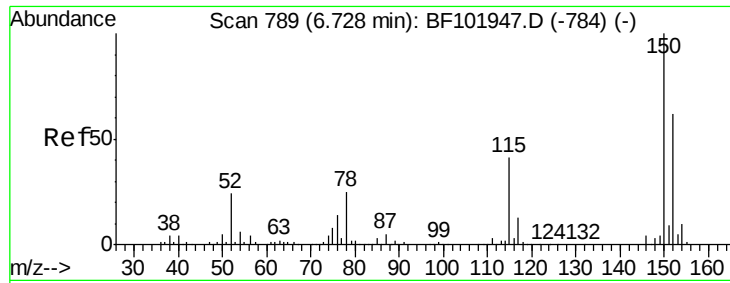
Instrument :
BNA_F
ClientSampleId :
DBSW-2(0-4)

Manual Integrations
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Quant Time: Jan 12 23:50:26 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration





#1

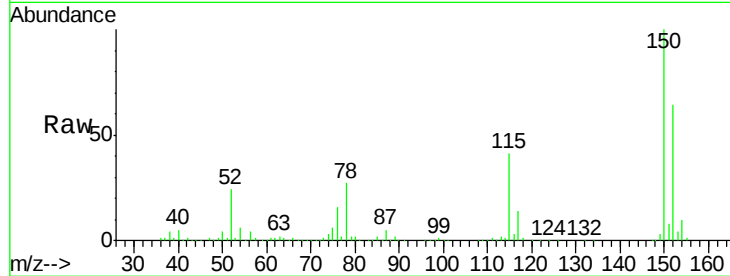
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF102054.D
Acq: 12 Jan 2018 20:23

Instrument :
BNA_F
ClientSampleId :
DBSW-2(0-4)

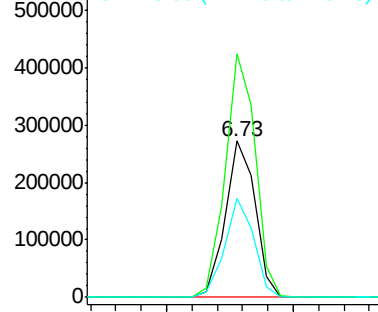
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	63.3	50.1	75.1

Manual Integrations
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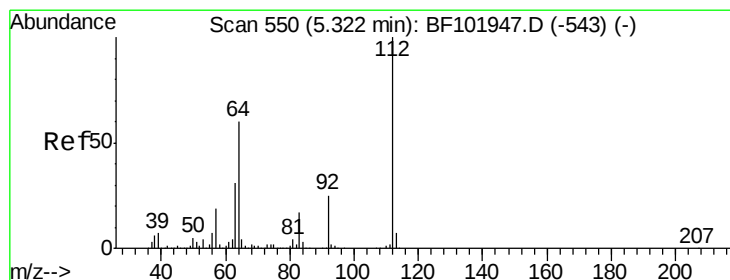
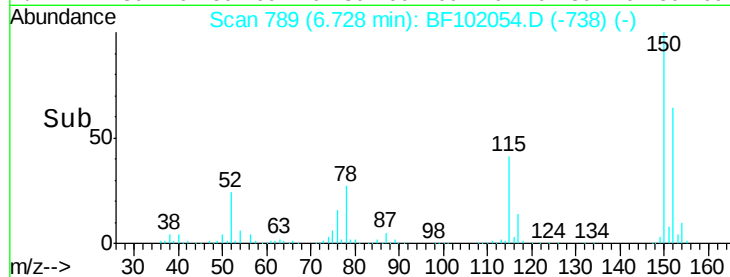
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



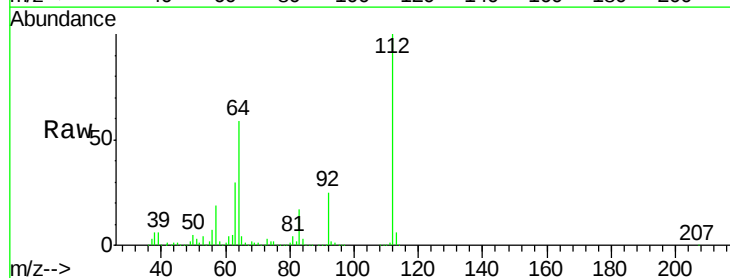
Time-->



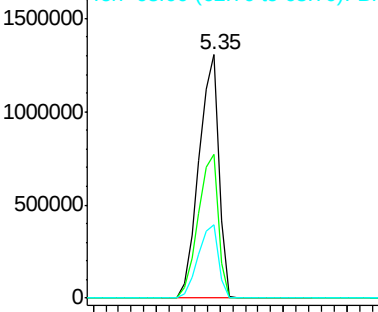
#5

2-Fluorophenol
Concen: 89.757 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF102054.D
Acq: 12 Jan 2018 20:23

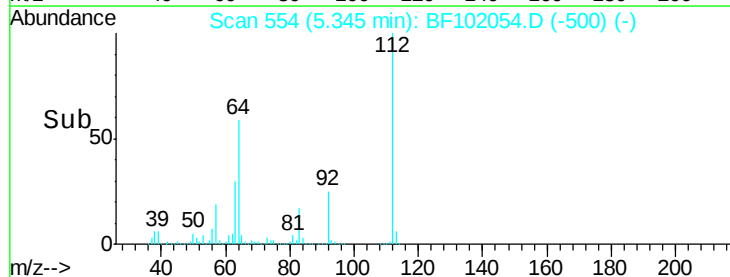
Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.9	71.9
63	30.1	23.7	35.5

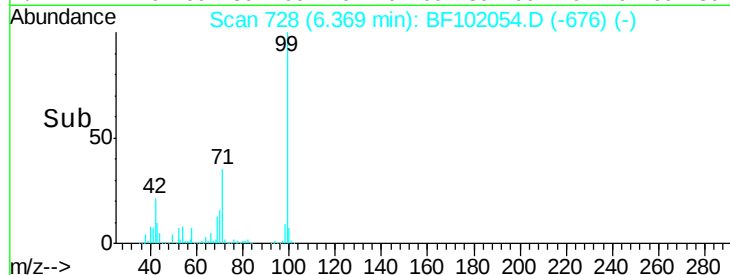
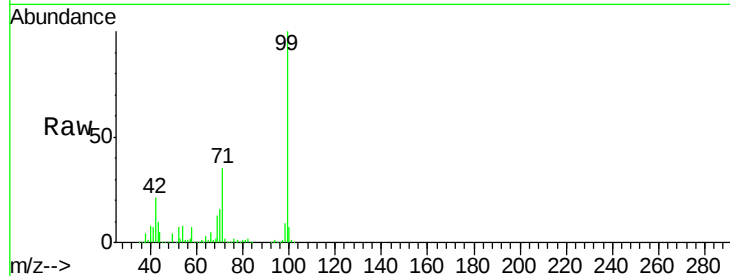


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



Time-->





#7

Phenol-d6

Concen: 87.995 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102054.D

Acq: 12 Jan 2018 20:23

Tgt Ion:	99	Resp:	1663480
Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	35.2	25.4	38.0

Instrument :

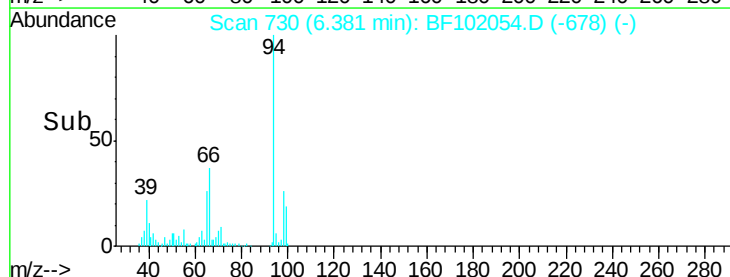
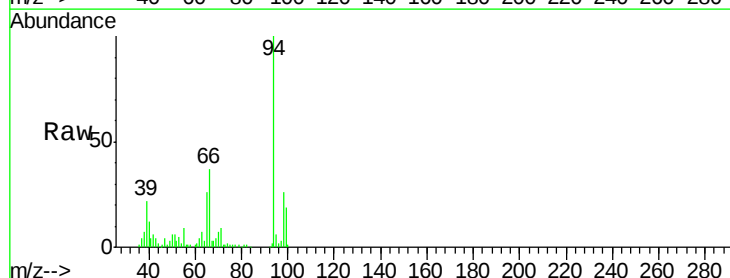
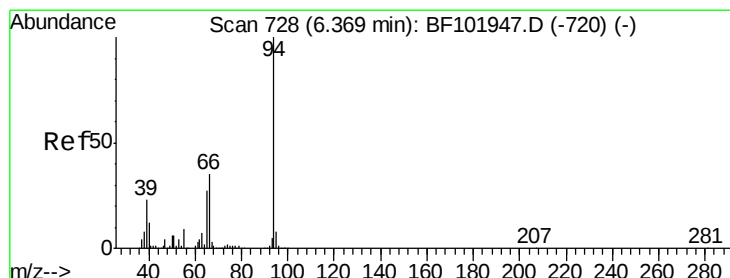
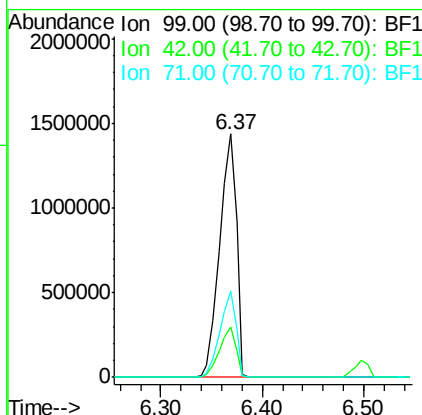
BNA_F

ClientSampleId :

DBSW-2(0-4)

Manual Integrations
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#10

Phenol

Concen: 3.027 ng

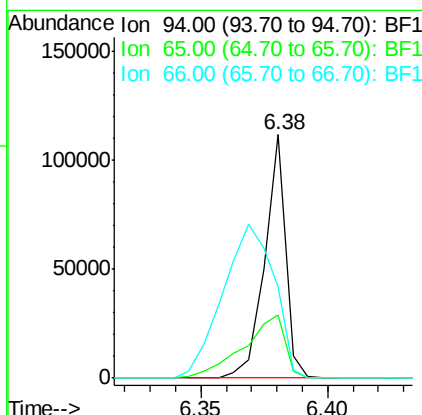
RT: 6.38 min Scan# 730

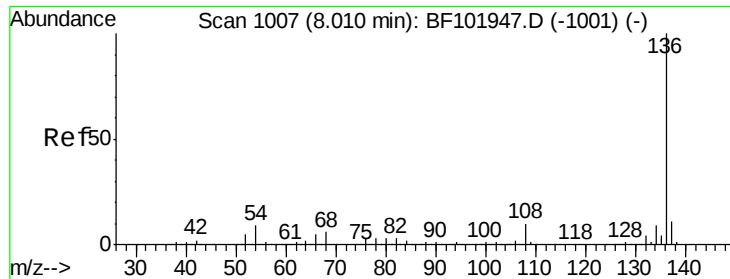
Delta R.T. 0.01 min

Lab File: BF102054.D

Acq: 12 Jan 2018 20:23

Tgt Ion:	94	Resp:	64669
Ion	Ratio	Lower	Upper
94	100		
65	25.9	7.9	47.9
66	37.4	16.2	56.2





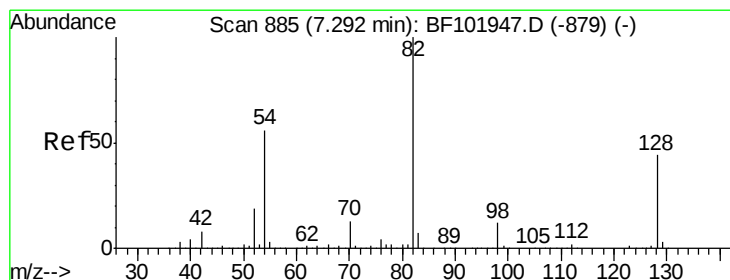
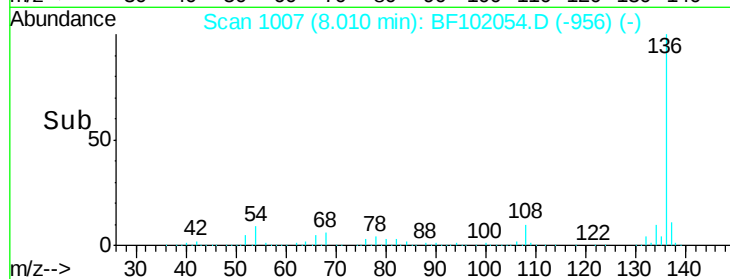
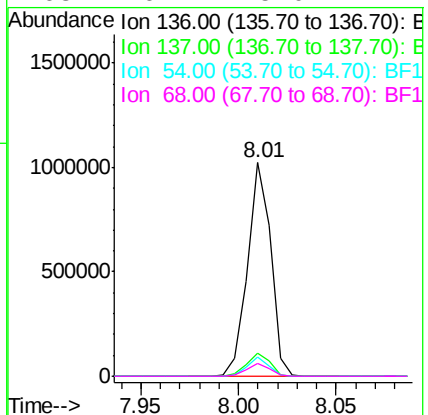
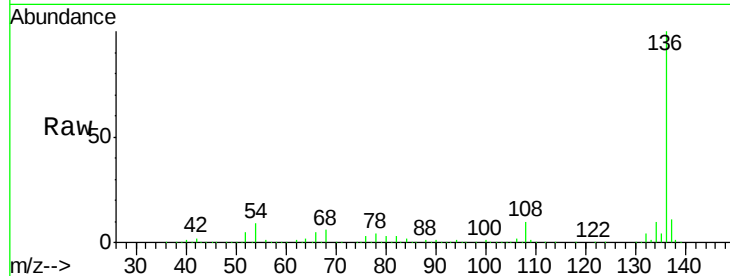
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF102054.D
Acq: 12 Jan 2018 20:23

Instrument :
BNA_F
ClientSampleId :
DBSW-2(0-4)

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	844905		
137	10.9	8.9	13.3	
54	8.9	6.6	9.8	
68	6.1	5.0	7.4	

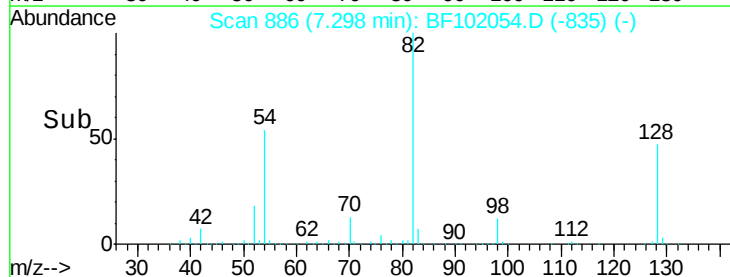
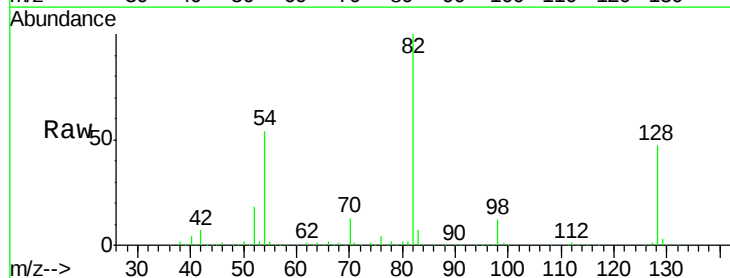
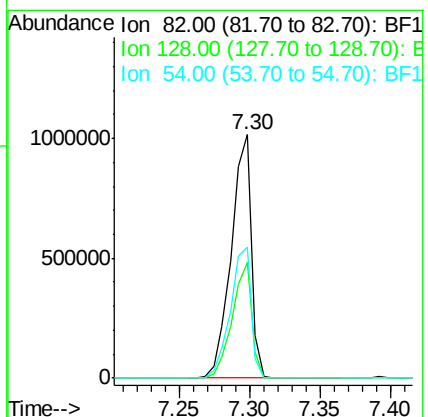
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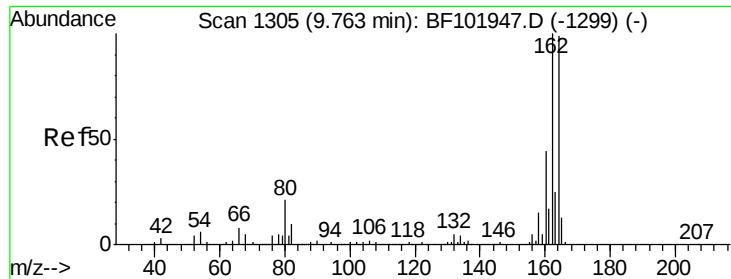
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#23
Nitrobenzene-d5
Concen: 70.081 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF102054.D
Acq: 12 Jan 2018 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1007624		
128	47.2	36.1	54.1	
54	54.0	41.4	62.2	





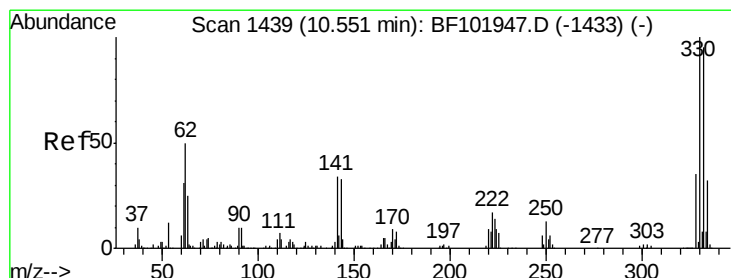
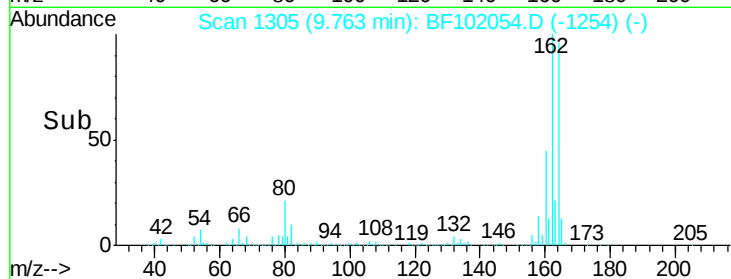
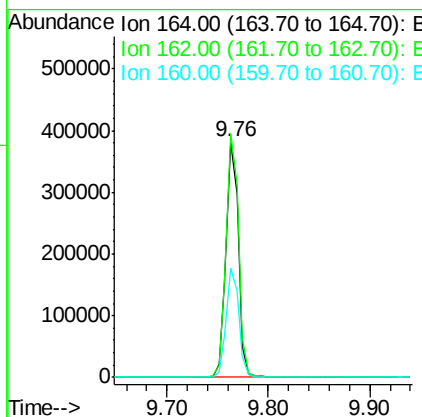
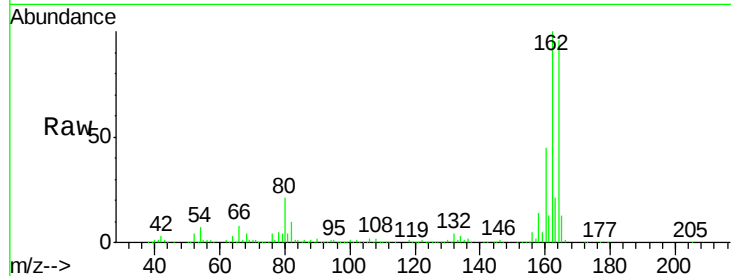
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF102054.D
Acq: 12 Jan 2018 20:23

Instrument :
BNA_F
ClientSampleId :
DBSW-2(0-4)

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	324927		
162	103.6	86.1	129.1	
160	46.7	38.3	57.5	

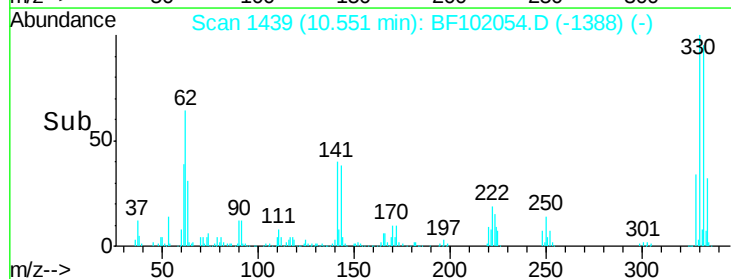
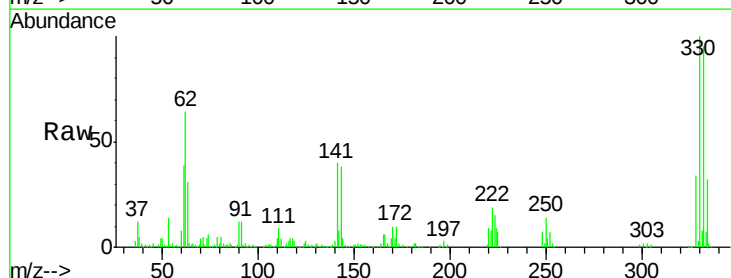
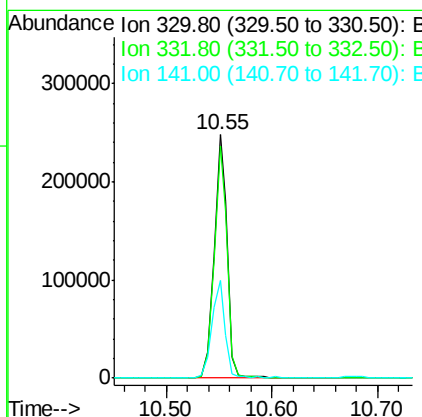
Manual Integrations
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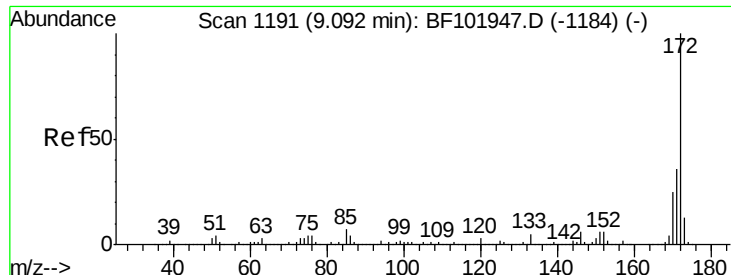
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#41
2,4,6-Tribromophenol
Concen: 77.022 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF102054.D
Acq: 12 Jan 2018 20:23

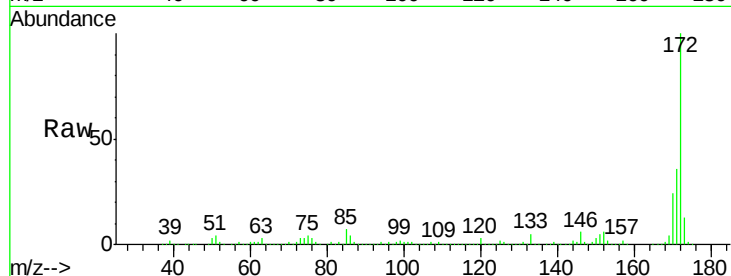
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	218402		
332	95.4	77.0	115.6	
141	39.4	29.9	44.9	





#44
2-Fluorobiphenyl
Concen: 65.348 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF102054.D
Acq: 12 Jan 2018 20:23

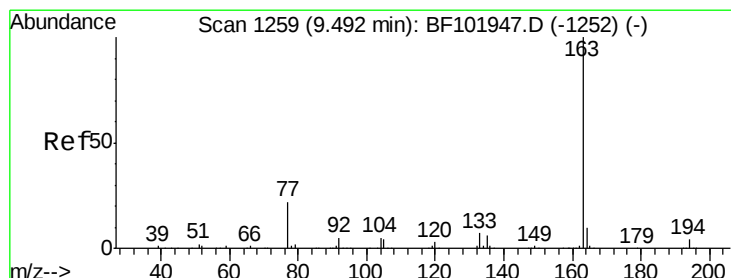
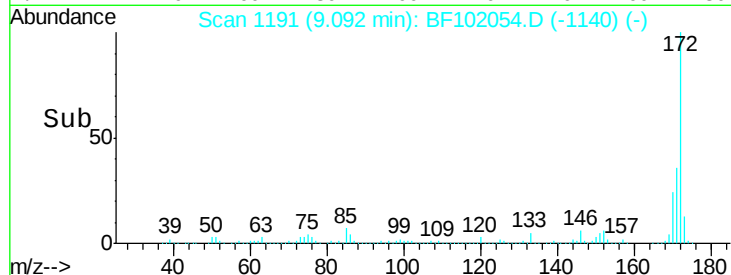
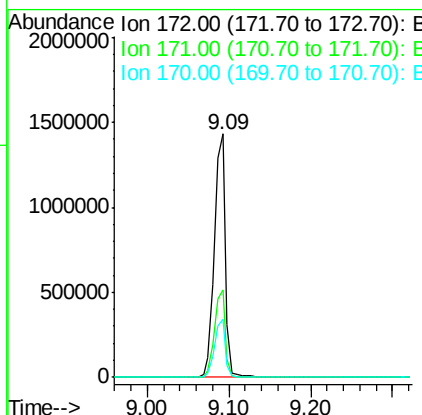
Instrument :
BNA_F
ClientSampleId :
DBSW-2(0-4)



Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.7	19.6	29.4

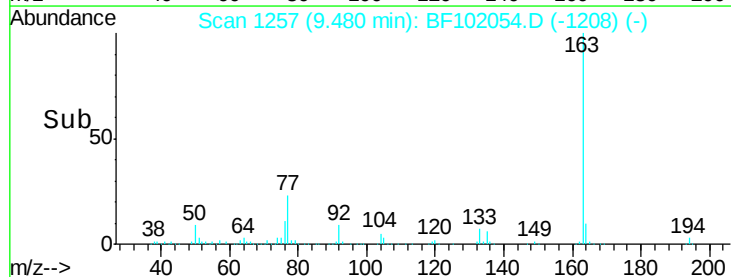
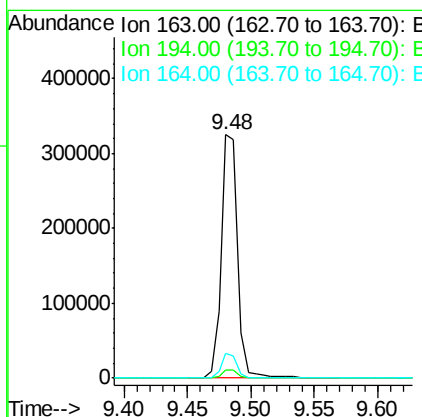
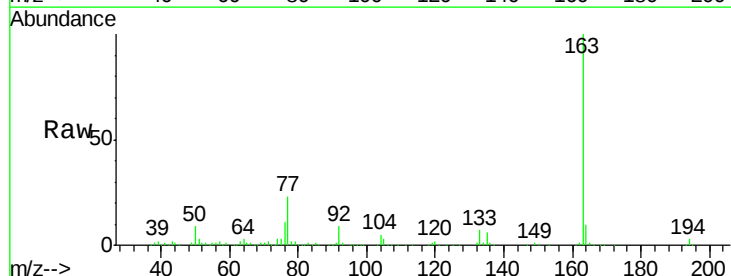
Manual Integrations
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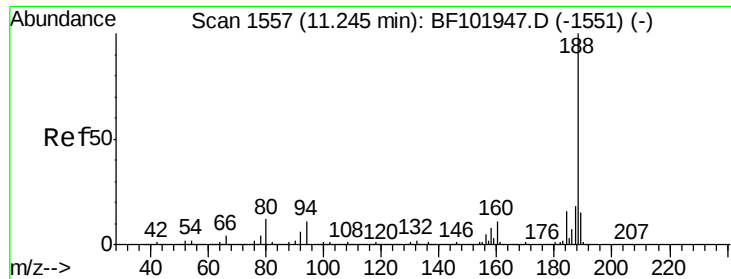
Sohil
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#49
Dimethylphthalate
Concen: 11.309 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102054.D
Acq: 12 Jan 2018 20:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.1	8.2	12.2





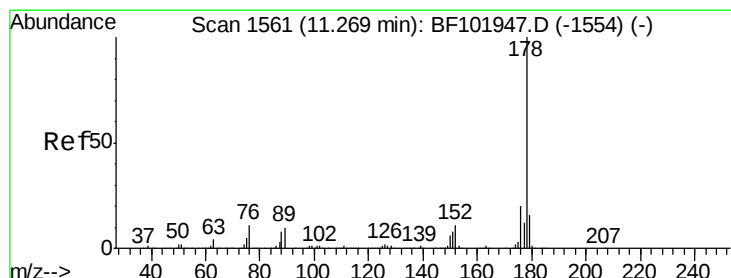
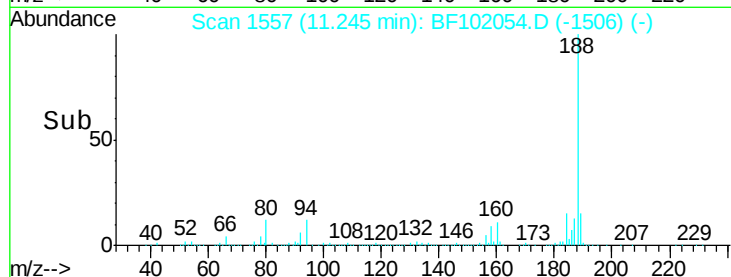
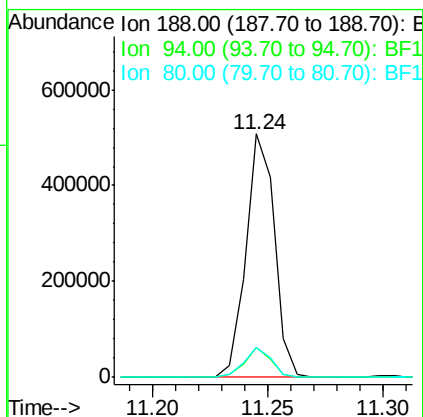
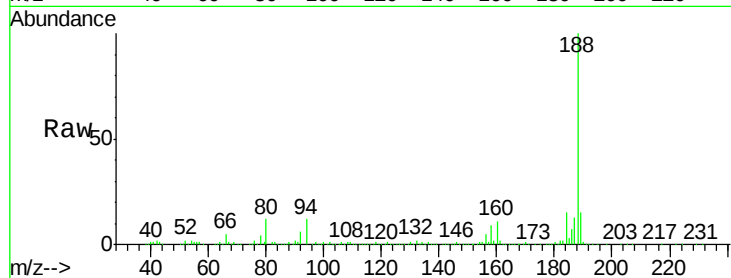
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF102054.D
Acq: 12 Jan 2018 20:23

Instrument :
BNA_F
ClientSampleId :
DBSW-2(0-4)

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	440284		
94	12.4		8.5	12.7
80	12.4		9.2	13.8

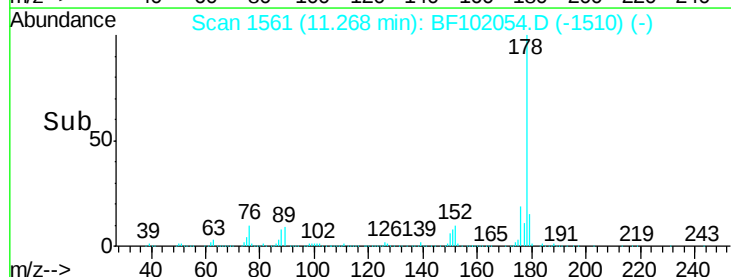
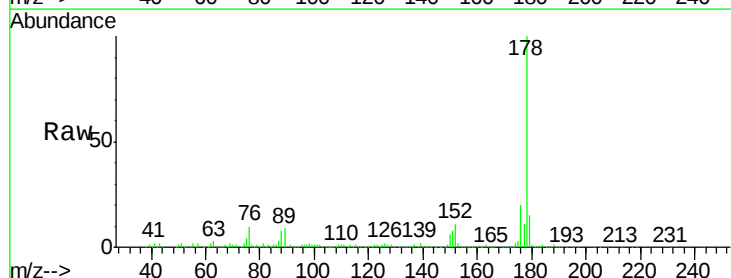
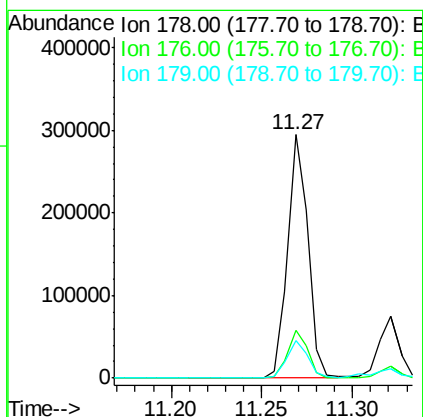
Manual Integrations
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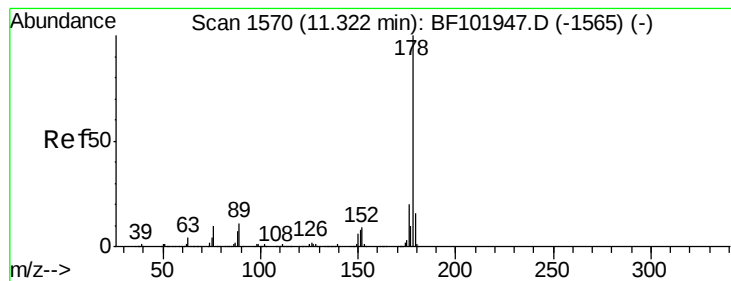
Sohil
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#70
Phenanthrene
Concen: 8.971 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF102054.D
Acq: 12 Jan 2018 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	230726		
176	19.5		15.8	23.8
179	15.4		13.0	19.6





#71

Anthracene

Concen: 2.173 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF102054.D

Acq: 12 Jan 2018 20:23

Instrument :

BNA_F

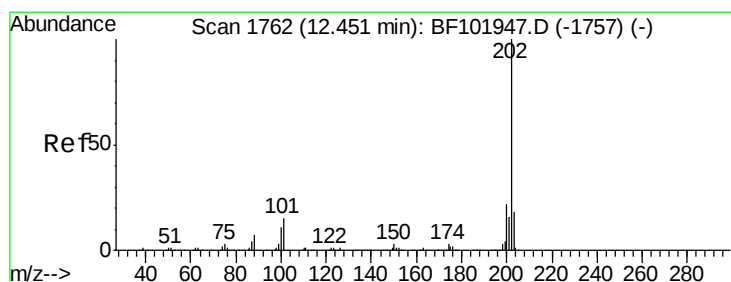
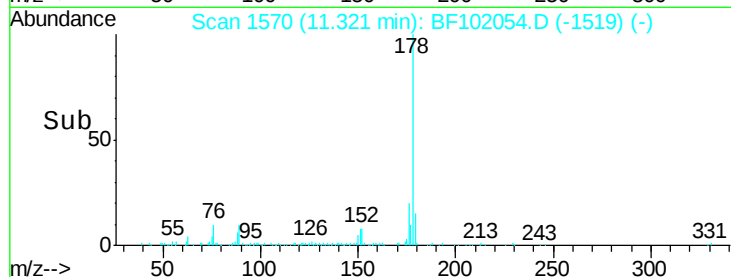
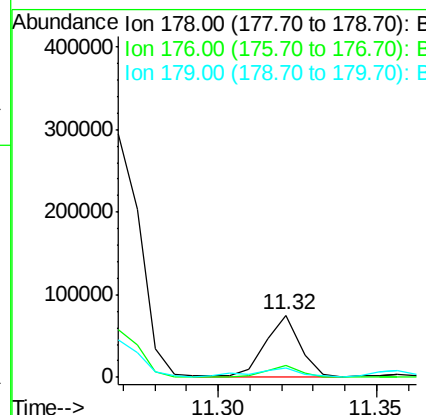
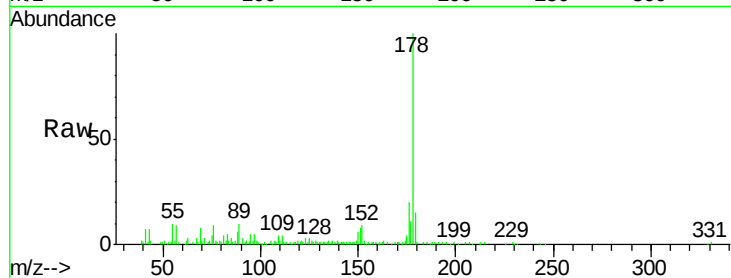
ClientSampleId :

DBSW-2(0-4)

Tgt Ion:	178	Resp:	56673
Ion Ratio	Lower	Upper	
178	100		
176	20.1	15.4	23.2
179	15.3	12.6	19.0

Manual Integrations
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#74

Fluoranthene

Concen: 12.850 ng

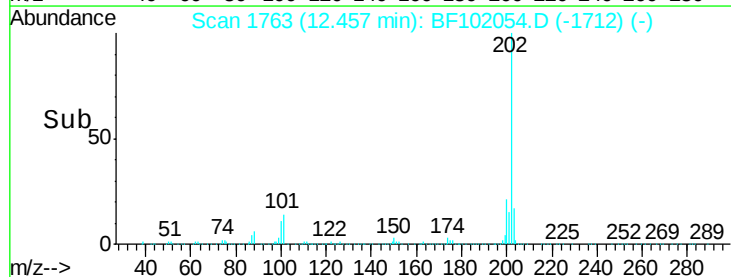
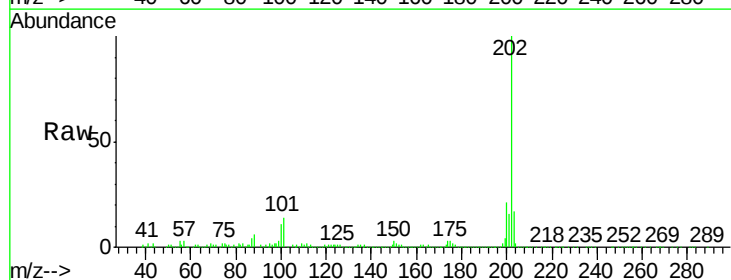
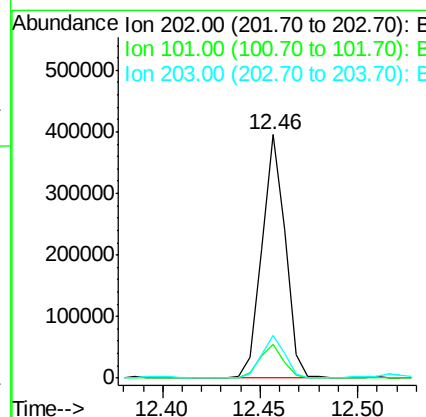
RT: 12.46 min Scan# 1763

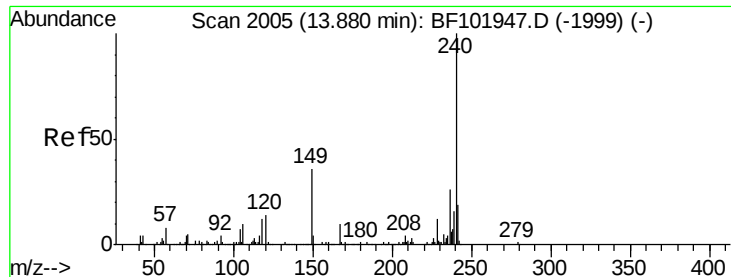
Delta R.T. -0.00 min

Lab File: BF102054.D

Acq: 12 Jan 2018 20:23

Tgt Ion:	202	Resp:	325141
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	34.1
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF102054.D

Acq: 12 Jan 2018 20:23

Instrument :

BNA_F

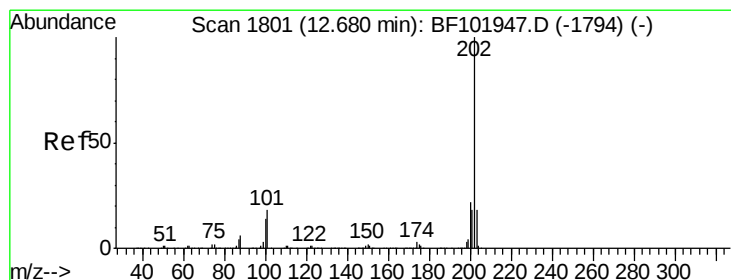
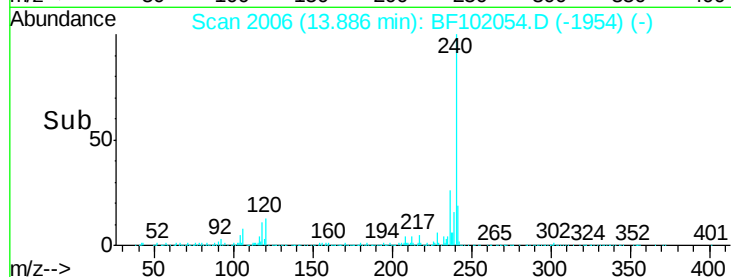
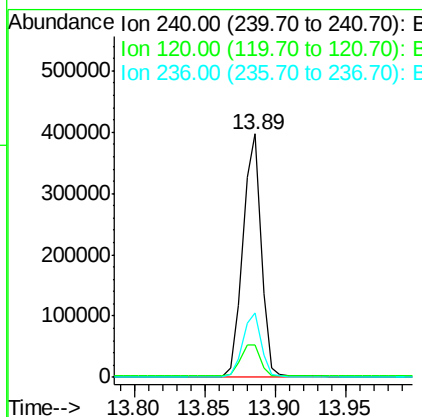
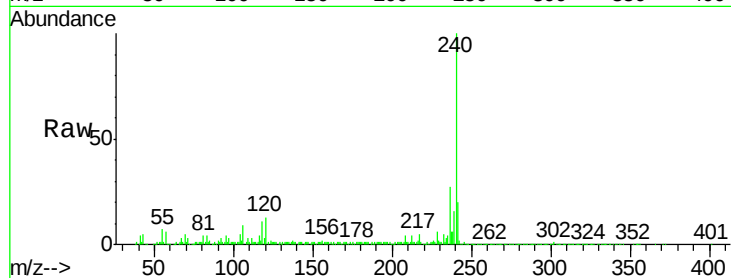
ClientSampleId :

DBSW-2(0-4)

Tgt	Ion	240	Resp:	360787
Ion	Ratio	Lower	Upper	
240	100			
120	13.1	9.5	14.3	
236	26.5	20.7	31.1	

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#77

Pyrene

Concen: 8.838 ng

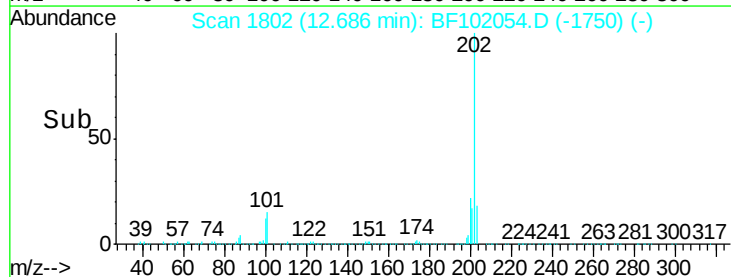
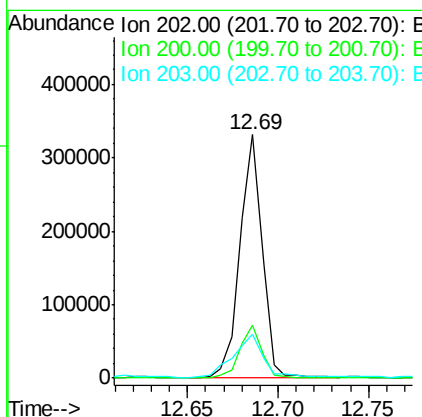
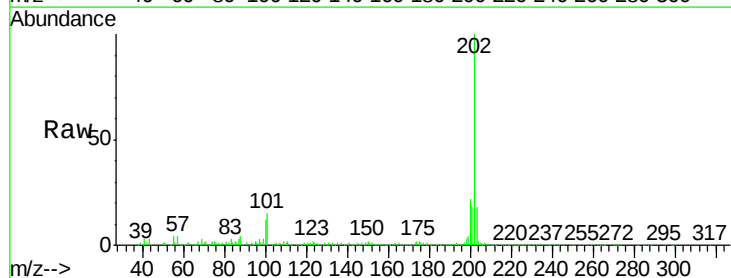
RT: 12.69 min Scan# 1802

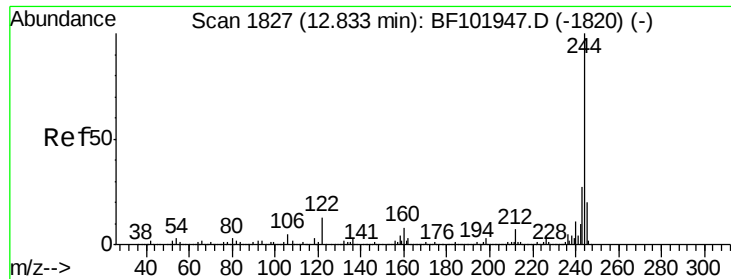
Delta R.T. 0.01 min

Lab File: BF102054.D

Acq: 12 Jan 2018 20:23

Tgt	Ion	202	Resp:	281847
Ion	Ratio	Lower	Upper	
202	100			
200	21.8	17.4	26.2	
203	18.2	14.3	21.5	





#78

Terphenyl-d14

Concen: 45.294 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF102054.D

Acq: 12 Jan 2018 20:23

Instrument :

BNA_F

ClientSampleId :

DBSW-2(0-4)

Tgt Ion:244 Resp: 787057
Ion Ratio Lower Upper

244 100

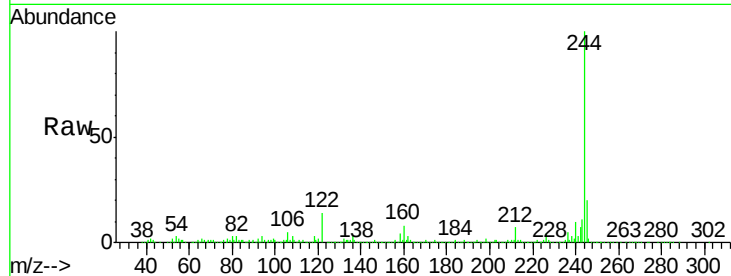
212 6.9 5.4 8.0

122 14.3 11.0 16.4

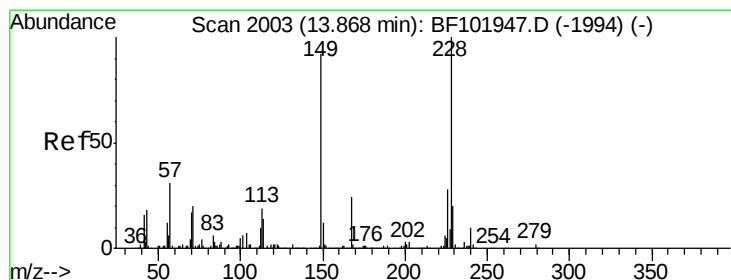
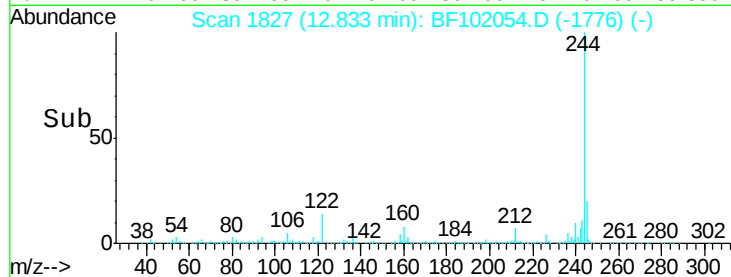
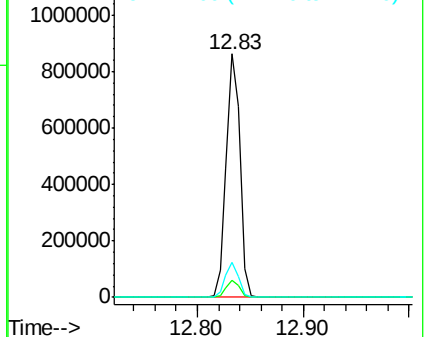
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 6.361 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF102054.D

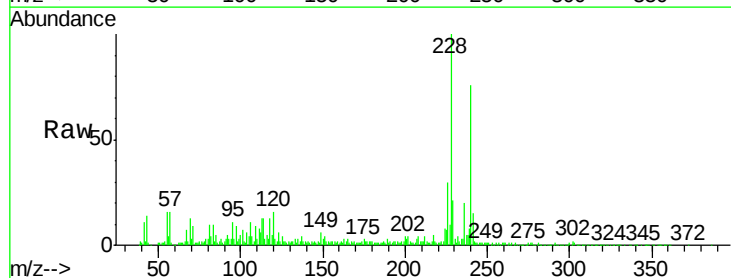
Acq: 12 Jan 2018 20:23

Tgt Ion:228 Resp: 146429
Ion Ratio Lower Upper

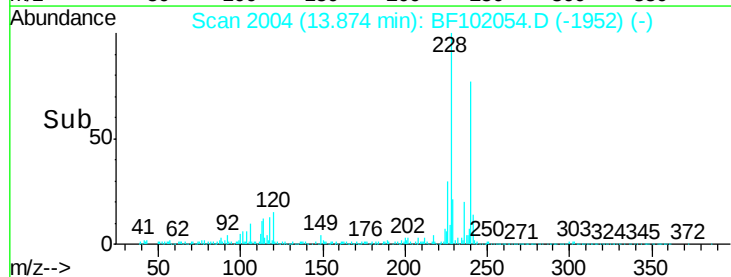
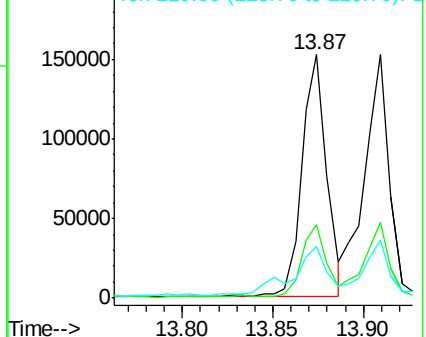
228 100

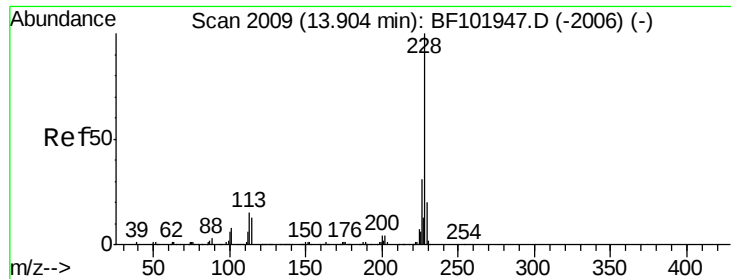
226 30.0 22.6 33.8

229 21.4 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





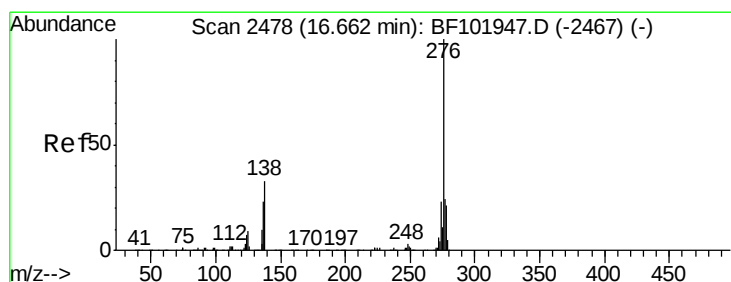
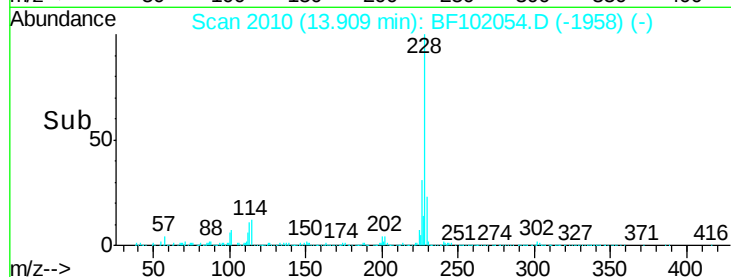
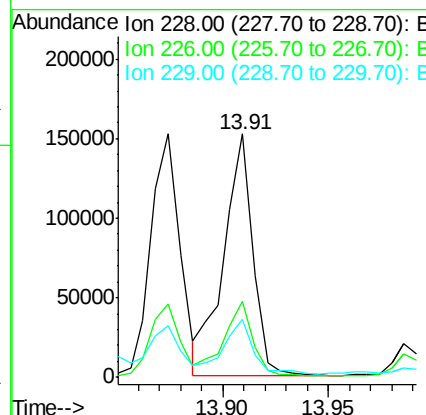
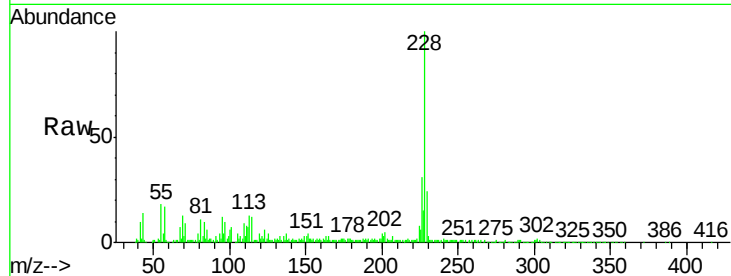
#82
Chrysene
Concen: 6.085 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF102054.D
Acq: 12 Jan 2018 20:23

Instrument :
BNA_F
ClientSampleId :
DBSW-2(0-4)

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	146056		
226	30.9	25.0	37.6	
229	23.7	16.2	24.4	

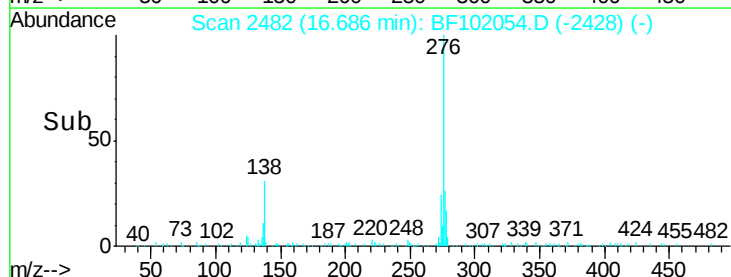
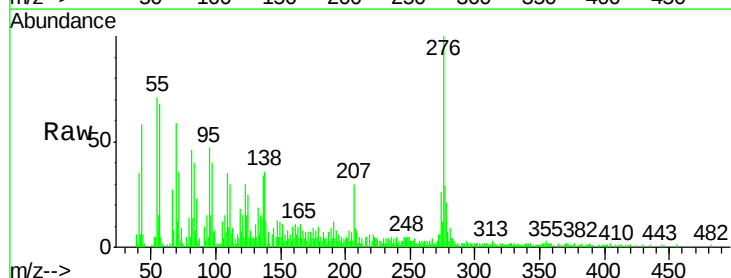
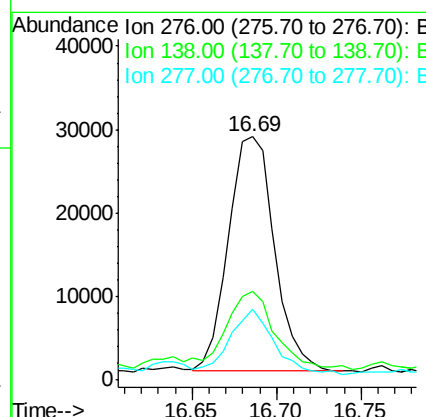
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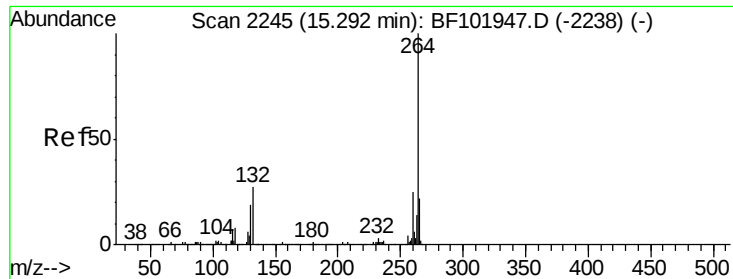
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.046 ng
RT: 16.69 min Scan# 2482
Delta R.T. 0.02 min
Lab File: BF102054.D
Acq: 12 Jan 2018 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	53222		
138	34.0	25.0	37.6	
277	26.9	20.1	30.1	





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.31 min Scan# 2248

Delta R.T. 0.02 min

Lab File: BF102054.D

Acq: 12 Jan 2018 20:23

Instrument :

BNA_F

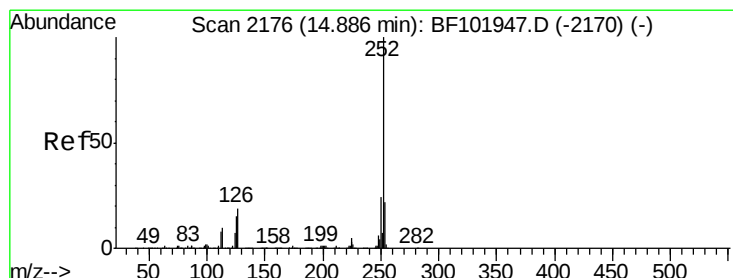
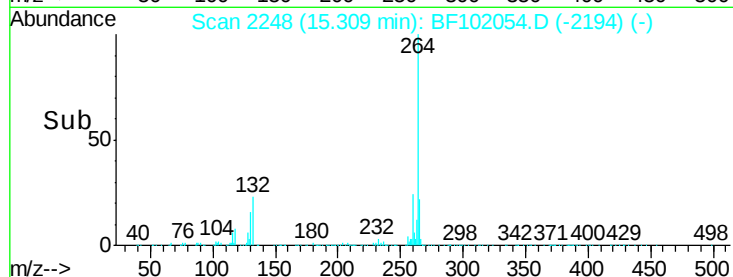
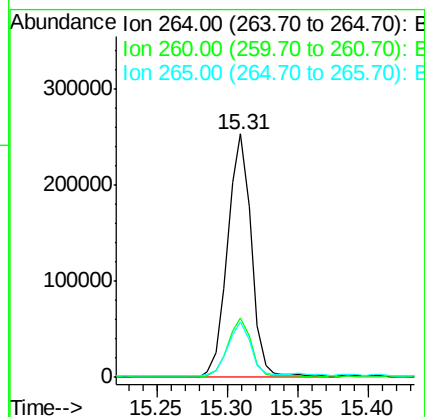
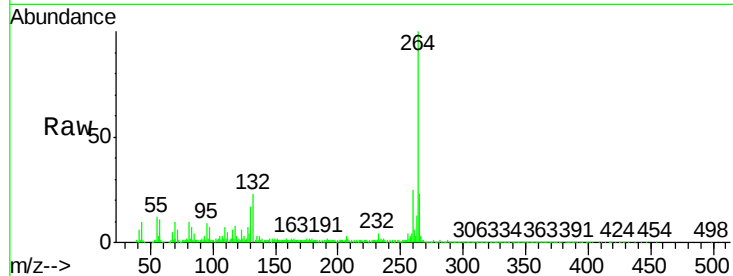
ClientSampleId :

DBSW-2(0-4)

Tgt Ion:	264	Resp:	295648
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.2	28.8
265	22.8	17.5	26.3

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#87

Benzo(b)fluoranthene

Concen: 8.316 ng m

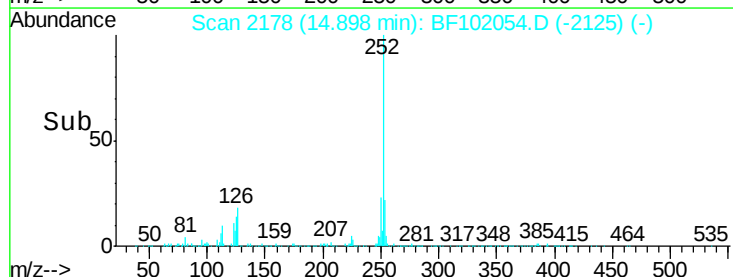
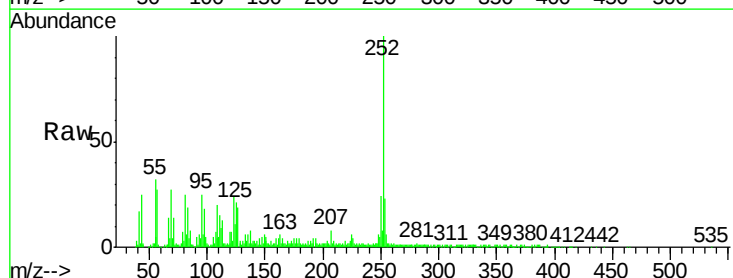
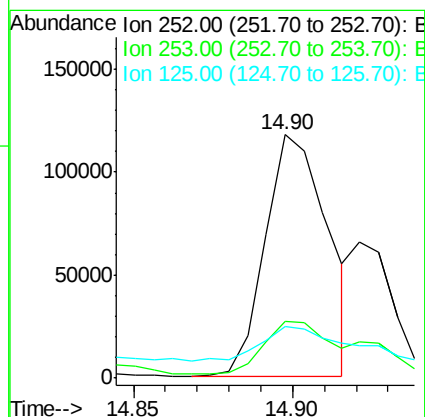
RT: 14.90 min Scan# 2178

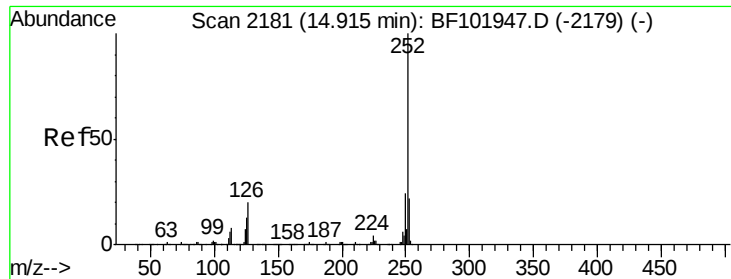
Delta R.T. 0.01 min

Lab File: BF102054.D

Acq: 12 Jan 2018 20:23

Tgt Ion:	252	Resp:	160317
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.0	25.6
125	21.1	9.0	13.6#





#88

Benzo(k)fluoranthene

Concen: 3.224 ng m

RT: 14.92 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BF102054.D

Acq: 12 Jan 2018 20:23

Instrument :

BNA_F

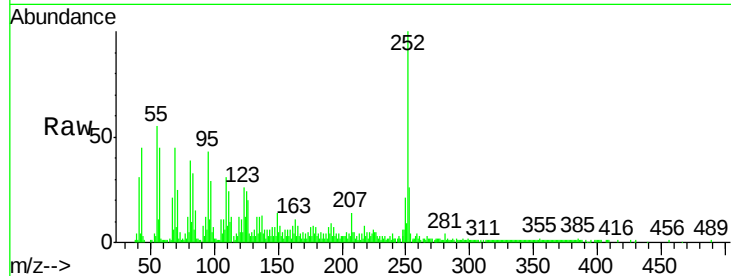
ClientSampleId :

DBSW-2(0-4)

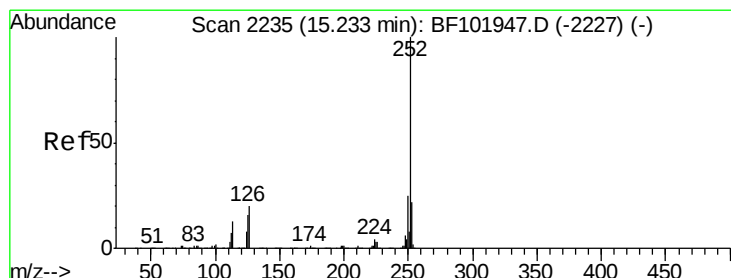
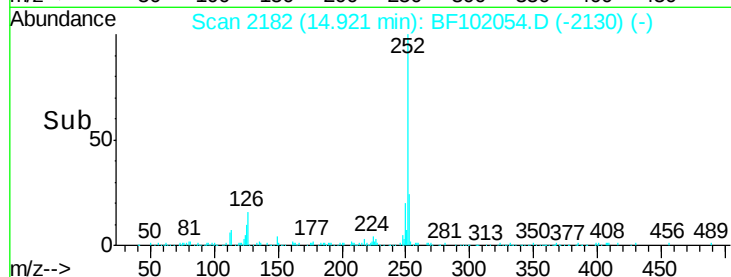
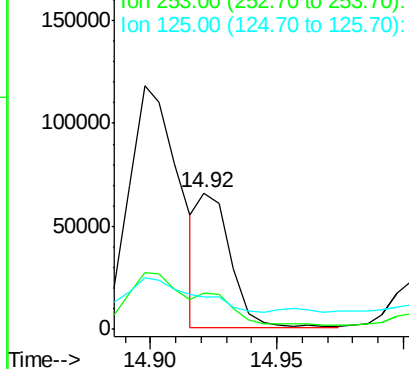
Tgt Ion:	252	Resp:	59947
Ion Ratio	Lower	Upper	
252	100		
253	26.2	17.9	26.9
125	23.9	10.2	15.2#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 6.112 ng

RT: 15.24 min Scan# 2237

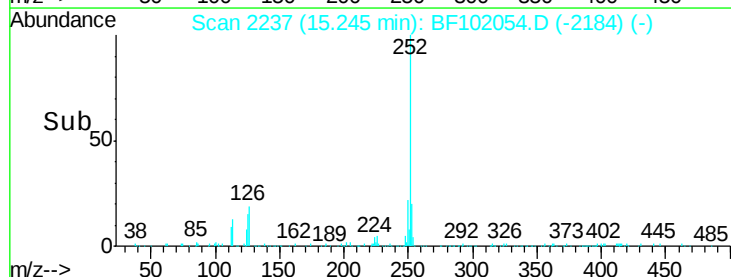
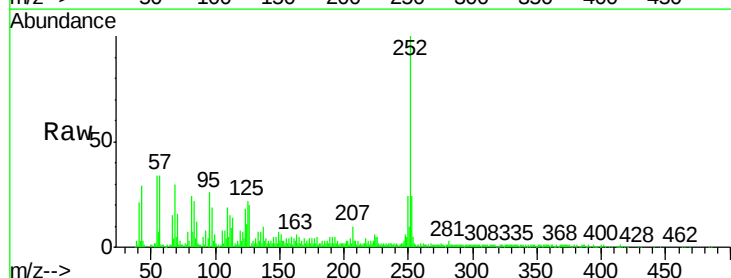
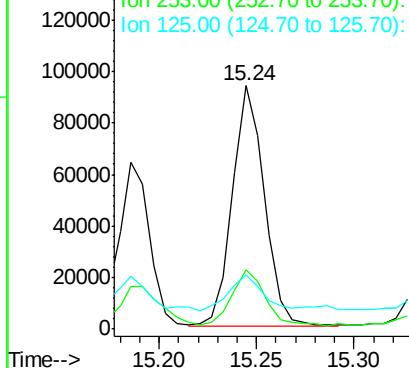
Delta R.T. 0.01 min

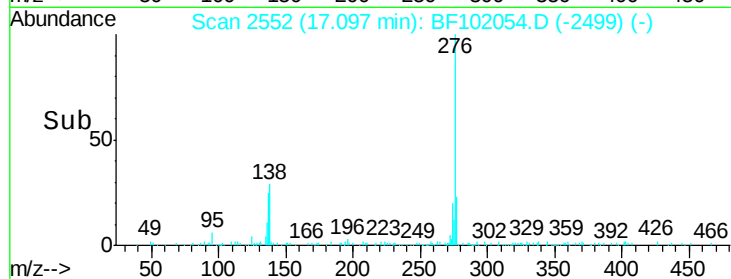
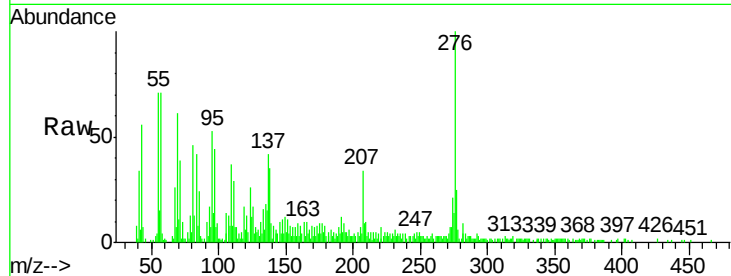
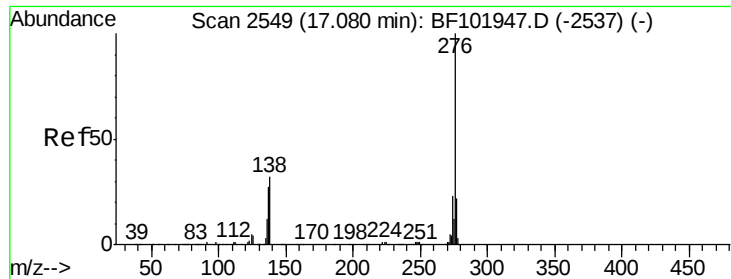
Lab File: BF102054.D

Acq: 12 Jan 2018 20:23

Tgt Ion:	252	Resp:	106032
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.1	25.7
125	22.1	9.8	14.6#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Benzo(g,h,i)perylene

Concen: 3.729 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.01 min

Lab File: BF102054.D

Acq: 12 Jan 2018 20:23

Instrument :

BNA_F

ClientSampleId :

DBSW-2(0-4)

Tgt Ion: 276 Resp: 51995

Ion Ratio Lower Upper

276 100

277 25.5 17.9 26.9

138 35.2 21.8 32.8#

Manual Integrations

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