

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102158.D
 Acq On : 17 Jan 2018 19:00
 Operator : SJ/JU
 Sample : J1156-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

Manual Integrations
 APPROVED

Sohil
 1/18/2018 11:12:26 AM

Quant Time: Jan 18 03:04:50 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	156493	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	625501	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	267503	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	396293	20.00	ng	0.00
75) Chrysene-d12	13.86	240	267583	20.00	ng	-0.01
86) Perylene-d12	15.28	264	282402	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1095223	98.83	ng	0.01
7) Phenol-d6	6.36	99	1267593	95.87	ng	0.00
23) Nitrobenzene-d5	7.29	82	807213	75.84	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	251474	107.72	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1352478	78.99	ng	0.00
78) Terphenyl-d14	12.82	244	914114	70.93	ng	0.00
Target Compounds						
10) Phenol	6.37	94	58535	3.917	ng	89
49) Dimethylphthalate	9.47	163	153812	7.168	ng	99
74) Fluoranthene	12.44	202	91742	4.028	ng	95
77) Pyrene	12.67	202	81041	3.426	ng	99
80) Benzo(a)anthracene	13.86	228	39659	2.323	ng	99
82) Chrysene	13.89	228	39747	2.233	ng	97
85) Indeno(1,2,3-cd)pyrene	16.64	276	26232	2.025	ng	99
87) Benzo(b)fluoranthene	14.87	252	59127m	3.211	ng	
89) Benzo(a)pyrene	15.22	252	39006	2.354	ng	98

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

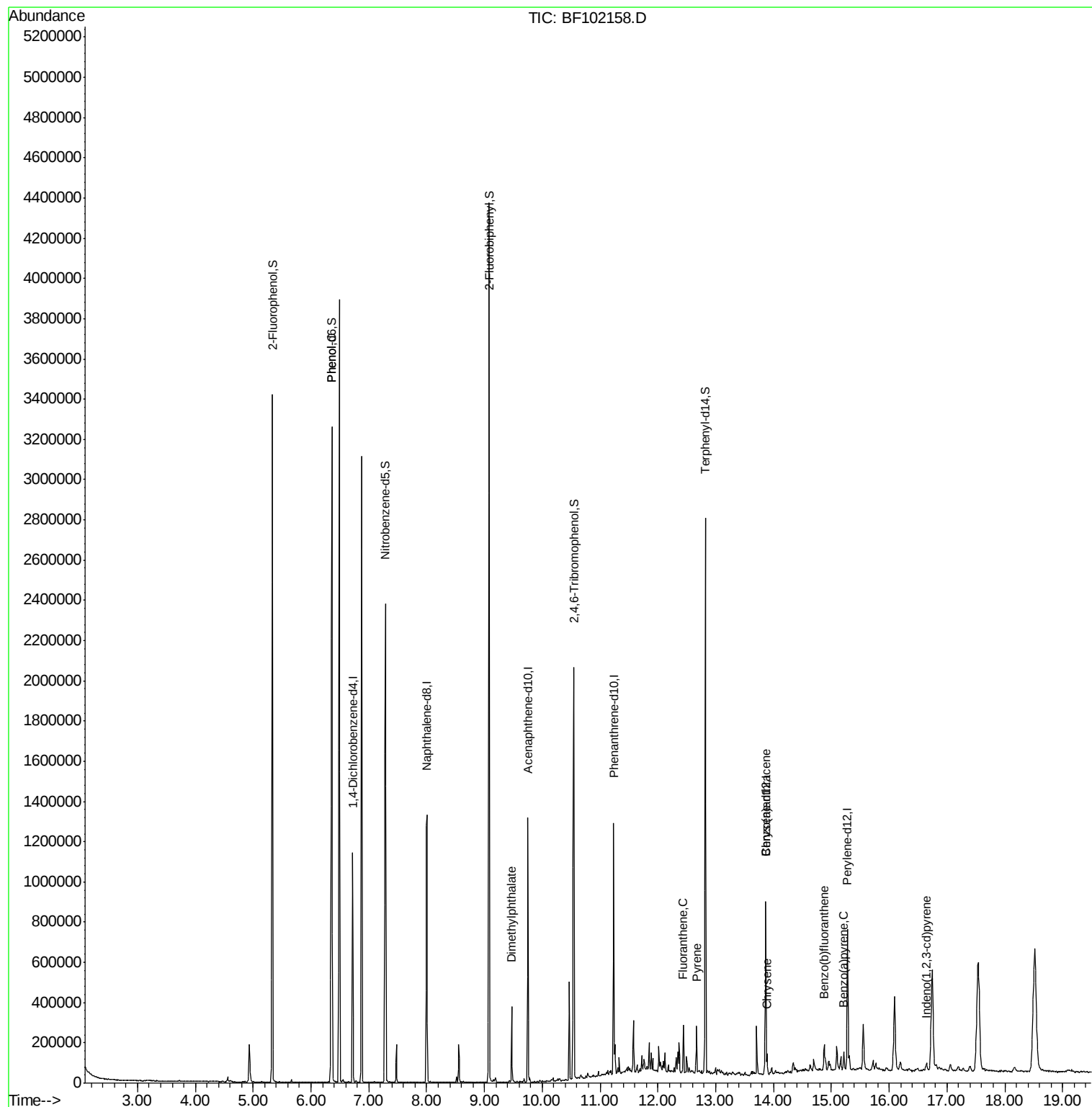
Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102158.D
Acq On : 17 Jan 2018 19:00
Operator : SJ/JU
Sample : J1156-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

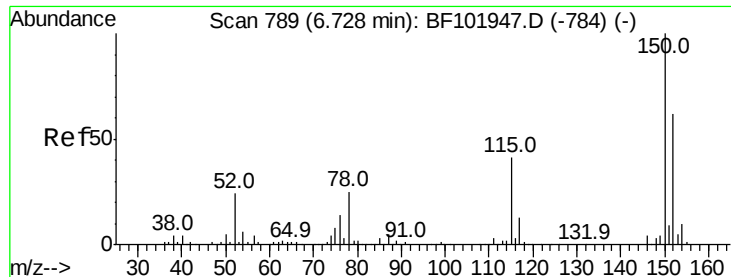
Instrument :
BNA_F
ClientSampleId :
SP-COMP

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
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#1

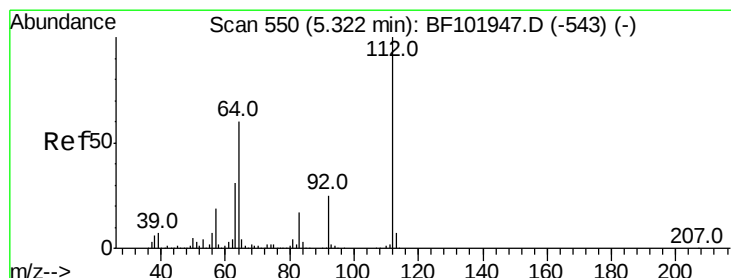
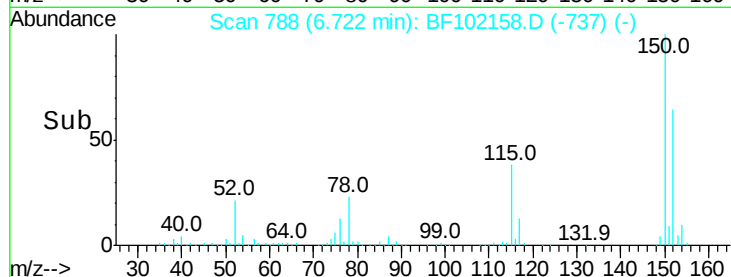
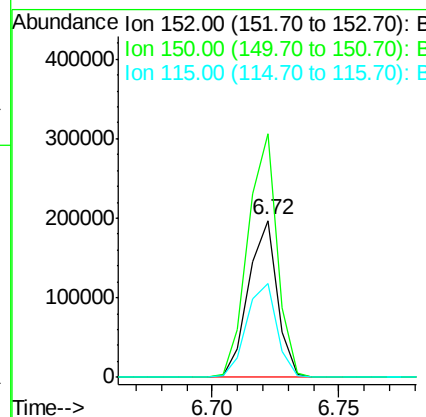
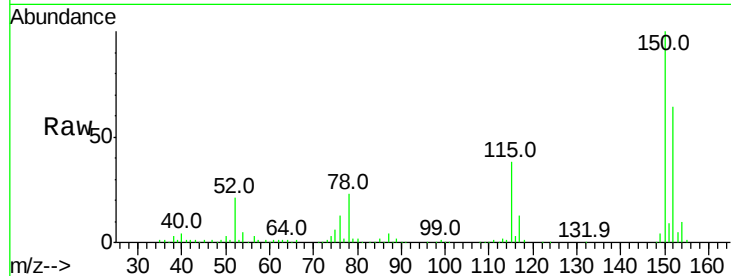
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	59.6	50.1	75.1

Manual Integrations
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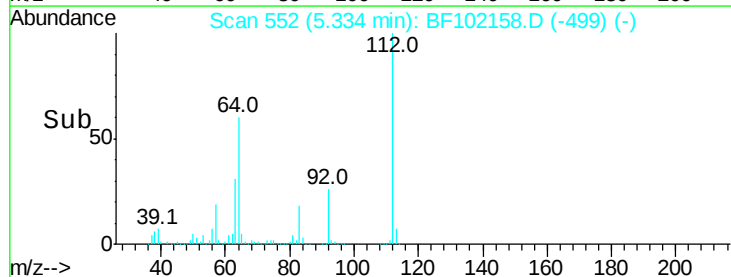
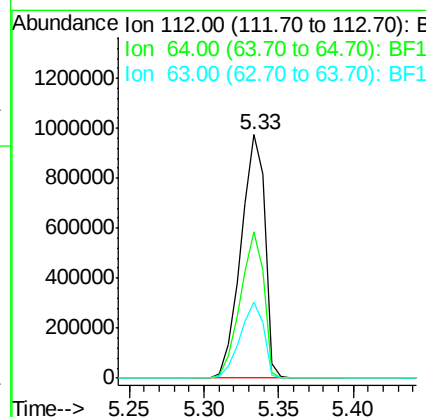
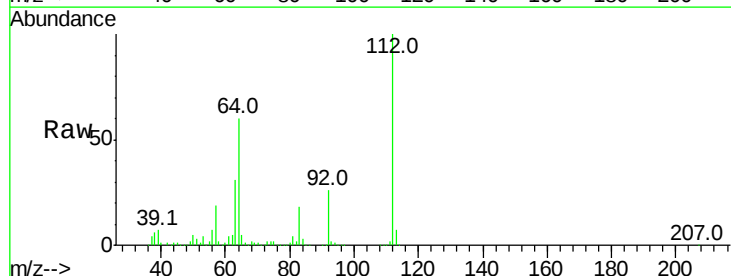
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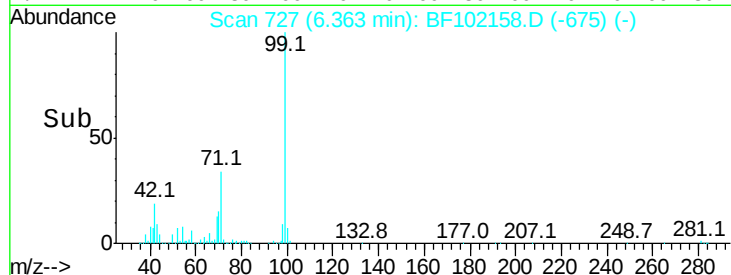
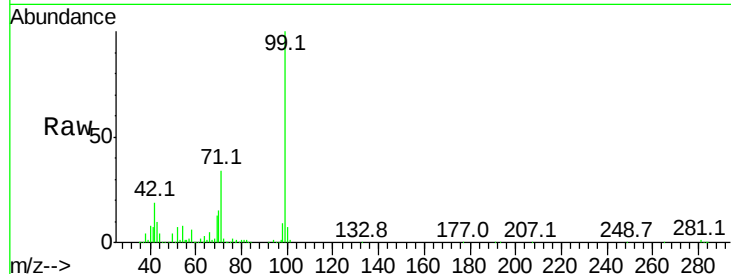
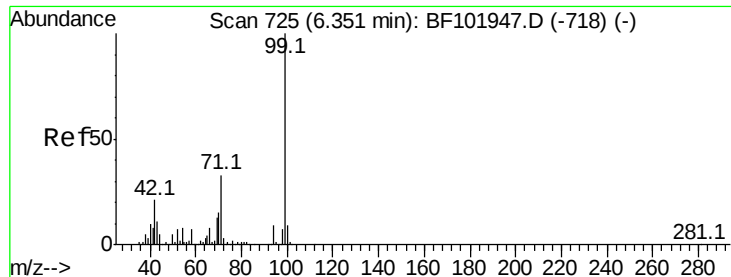


#5

2-Fluorophenol
Concen: 98.825 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	31.1	23.7	35.5





#7

Phenol-d6

Concen: 95.866 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102158.D

Acq: 17 Jan 2018 19:00

Tot Ion:	99	Resp:	1267593
Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	33.9	25.4	38.0

Instrument :

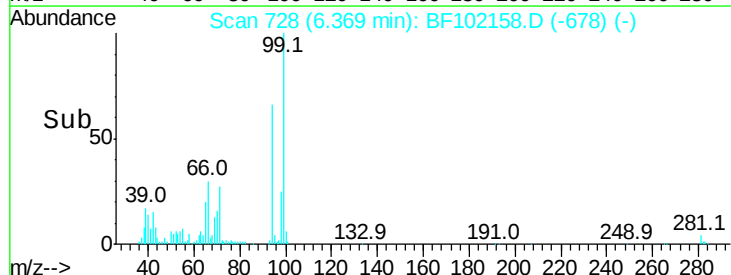
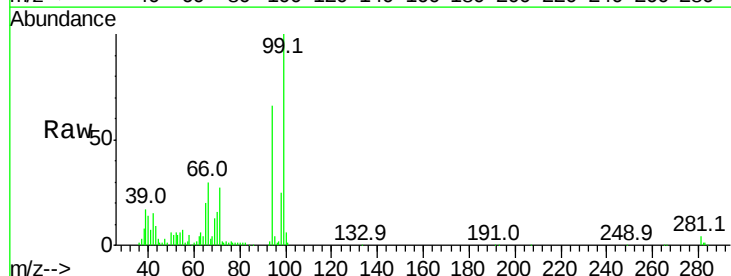
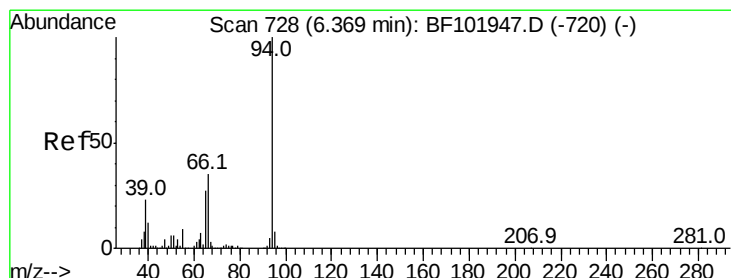
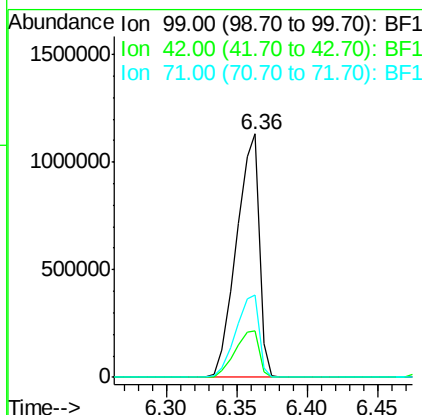
BNA_F

ClientSampleId :

SP-COMP

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#10

Phenol

Concen: 3.917 ng

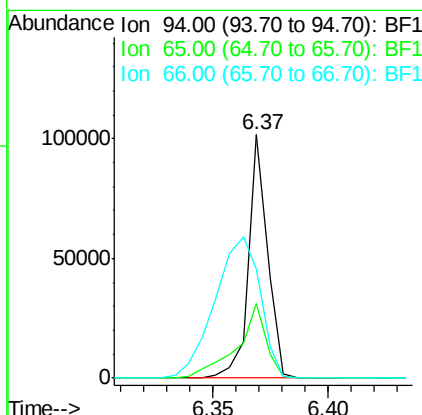
RT: 6.37 min Scan# 728

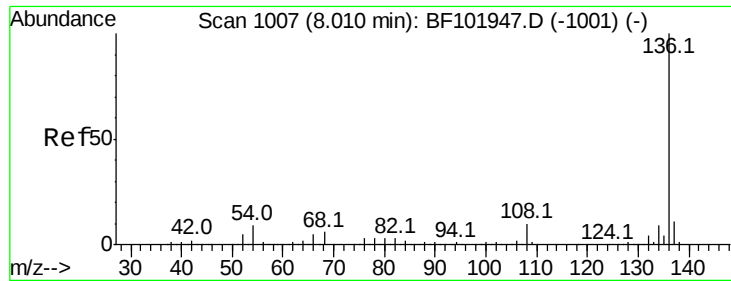
Delta R.T. -0.01 min

Lab File: BF102158.D

Acq: 17 Jan 2018 19:00

Tgt Ion:	94	Resp:	58535
Ion	Ratio	Lower	Upper
94	100		
65	30.8	7.9	47.9
66	45.0	16.2	56.2





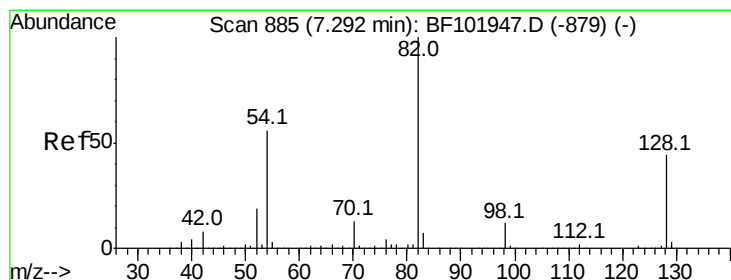
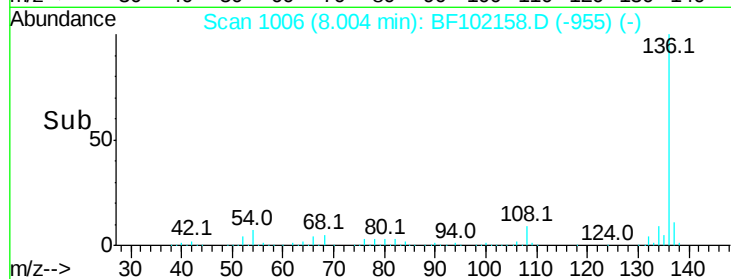
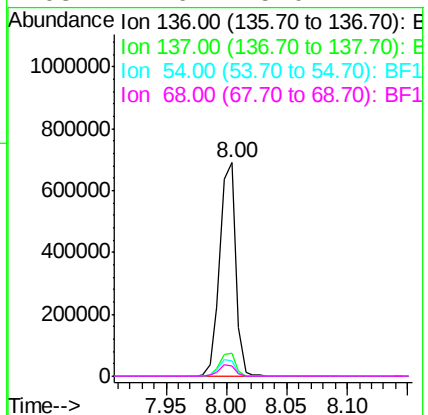
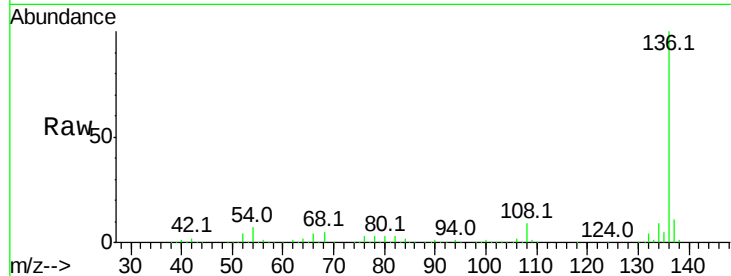
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.3	6.6	9.8
68	4.6	5.0	7.4

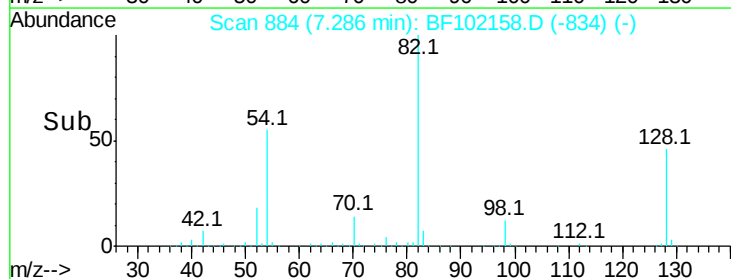
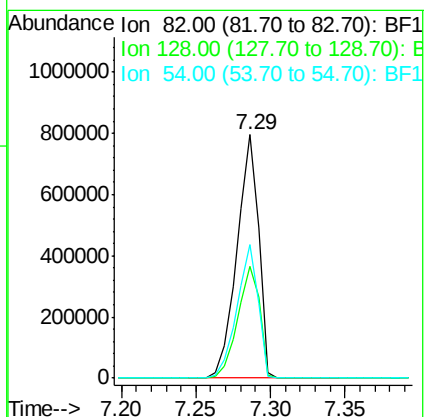
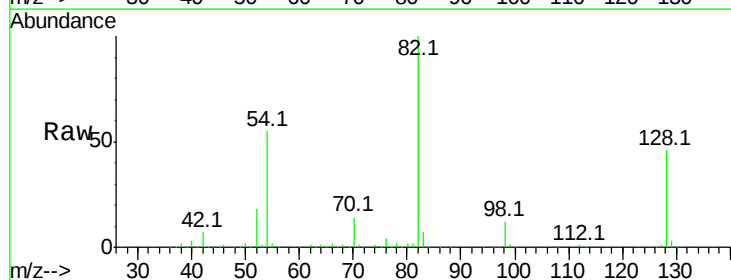
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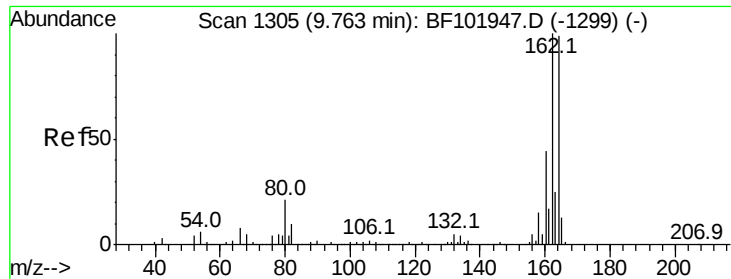
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#23
Nitrobenzene-d5
Concen: 75.835 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	46.1	36.1	54.1
54	55.1	41.4	62.2





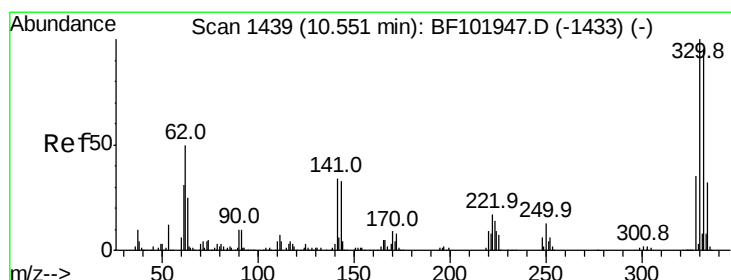
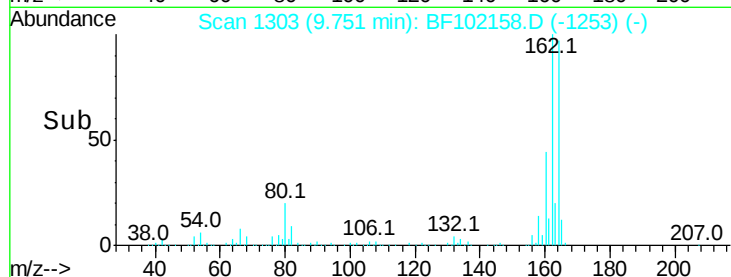
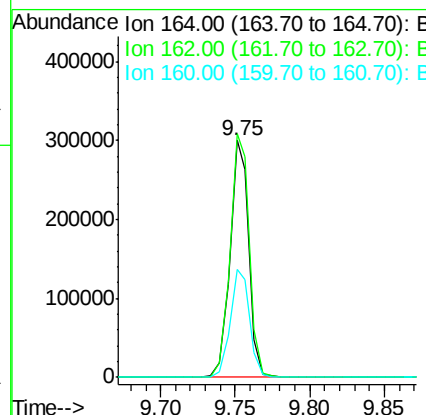
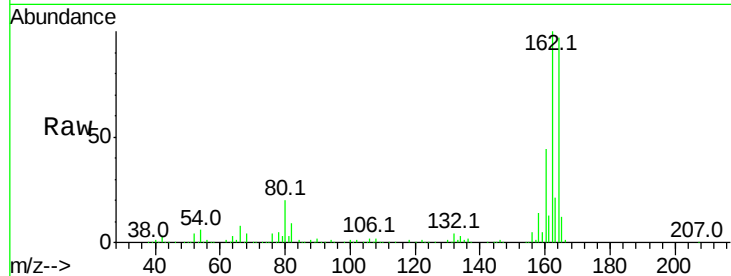
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102158.D
 Acq: 17 Jan 2018 19:00

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

Tot Ion	Ratio	Resp	Lower	Upper
164	100	267503		
162	102.7	86.1	129.1	
160	45.4	38.3	57.5	

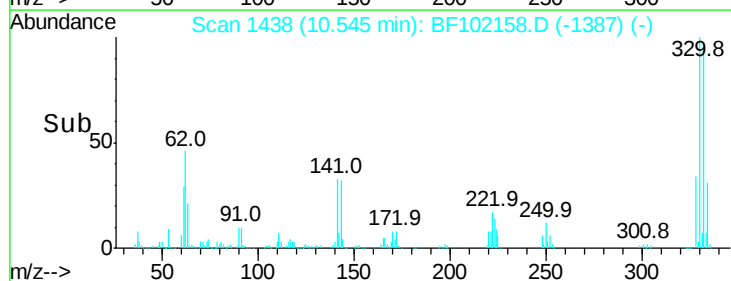
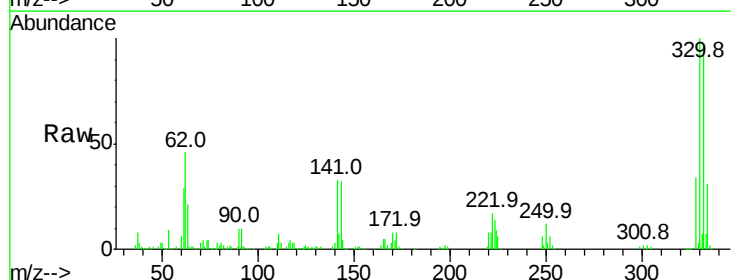
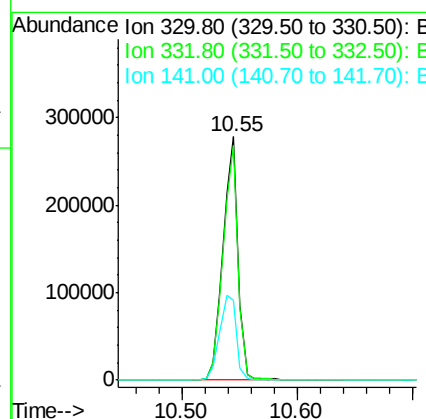
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#41
 2,4,6-Tribromophenol
 Concen: 107.722 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102158.D
 Acq: 17 Jan 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	251474		
332	96.5	77.0	115.6	
141	38.9	29.9	44.9	





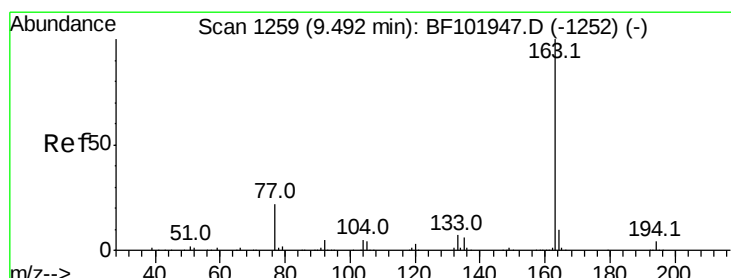
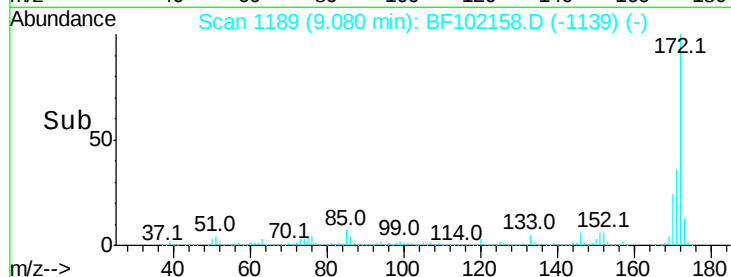
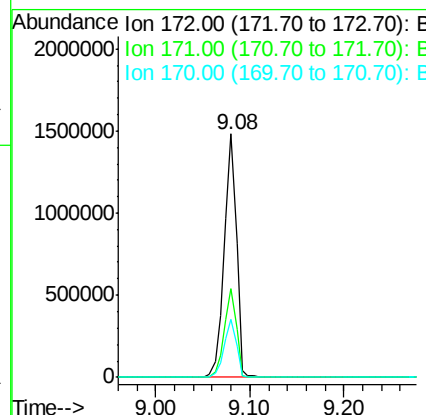
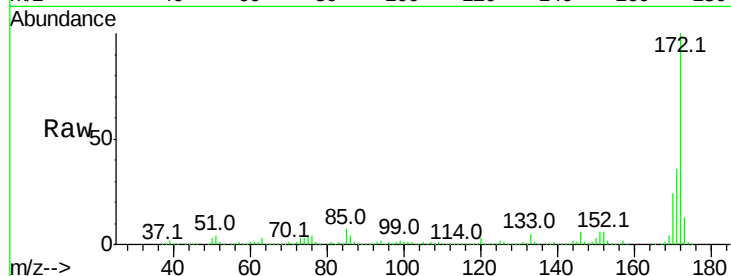
#44
2-Fluorobiphenyl
Concen: 78.987 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	19.6	29.4

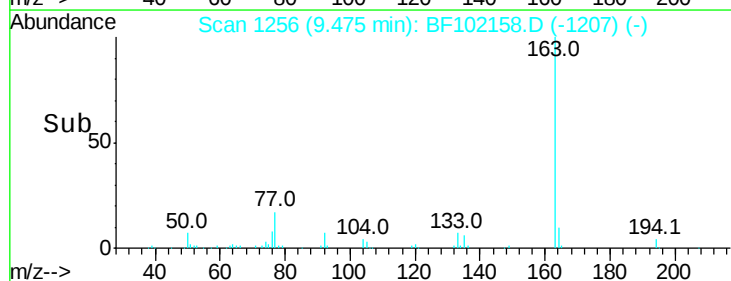
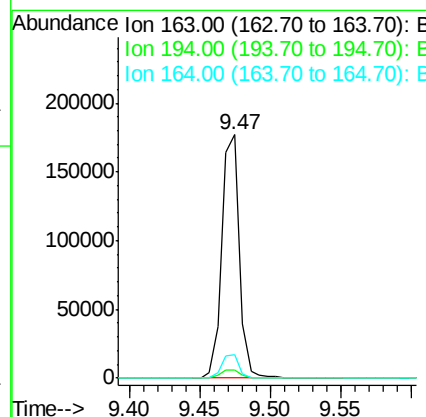
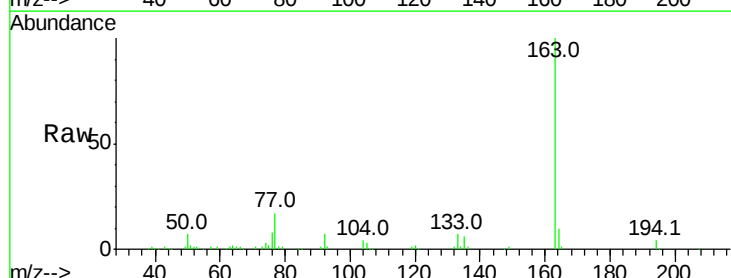
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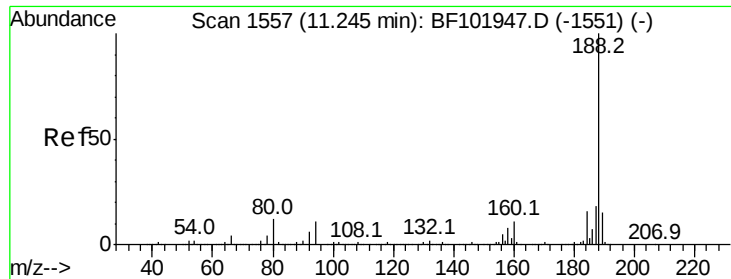
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#49
Dimethylphthalate
Concen: 7.168 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.6	8.2	12.2





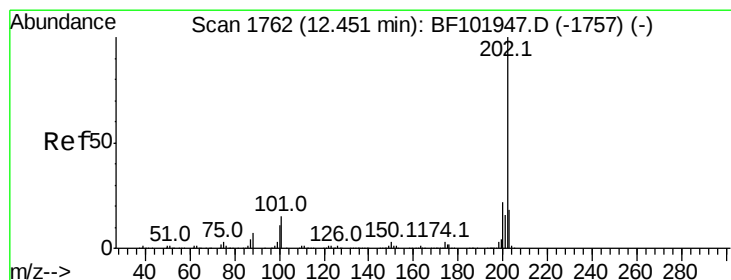
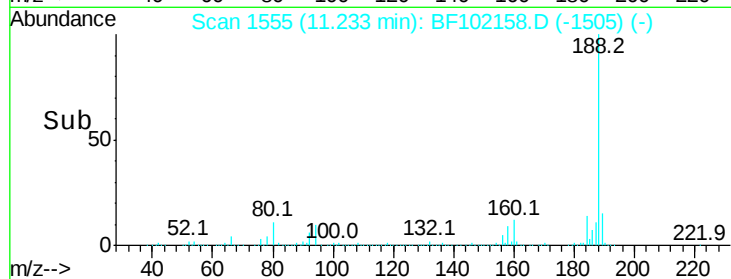
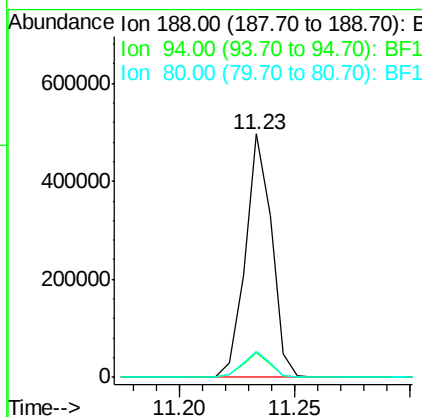
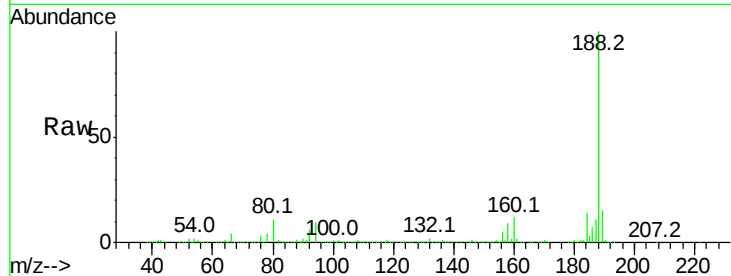
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.6	9.2	13.8

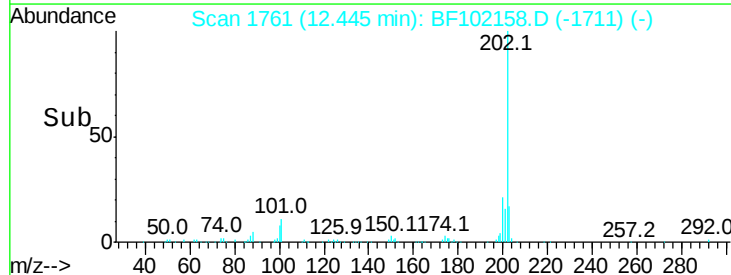
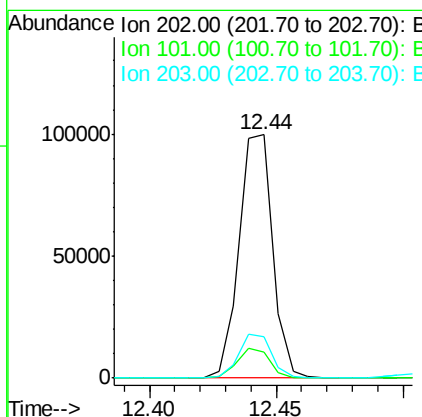
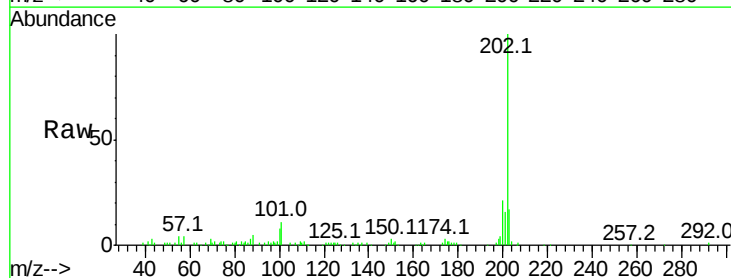
Manual Integrations
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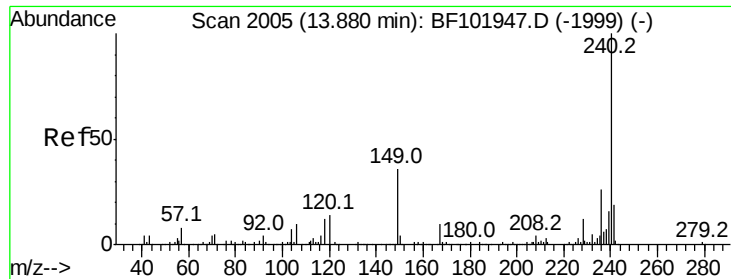
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#74
Fluoranthene
Concen: 4.028 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	0.0	34.1
203	17.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF102158.D

Acq: 17 Jan 2018 19:00

Instrument :

BNA_F

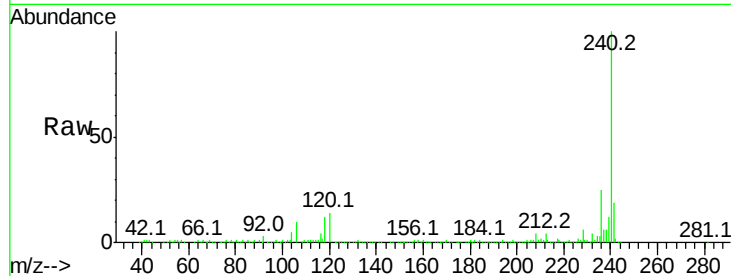
ClientSampleId :

SP-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	25.1	20.7	31.1

Manual Integrations
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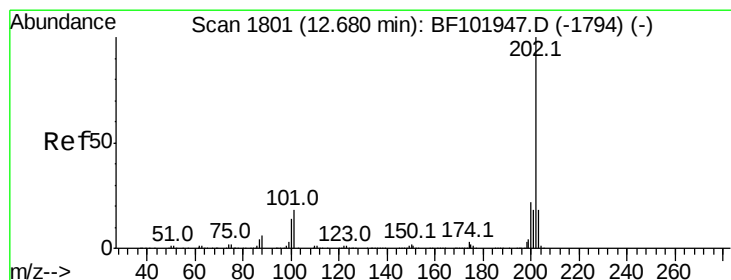
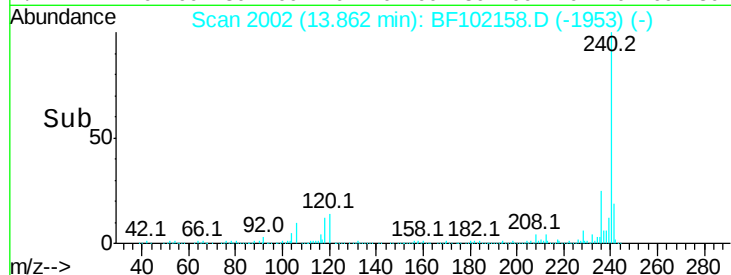
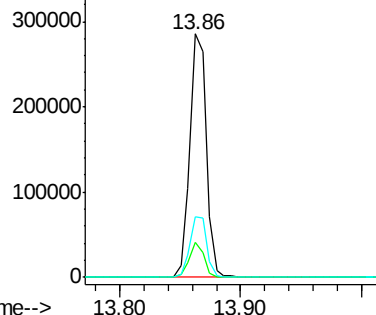
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 3.426 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF102158.D

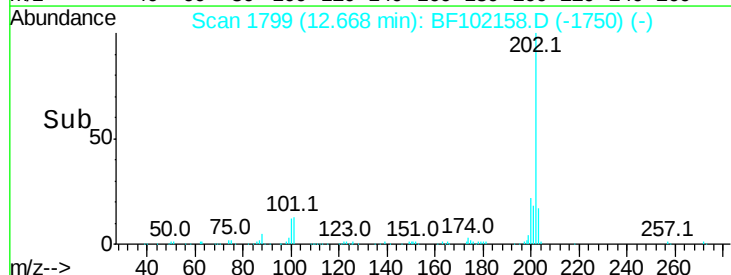
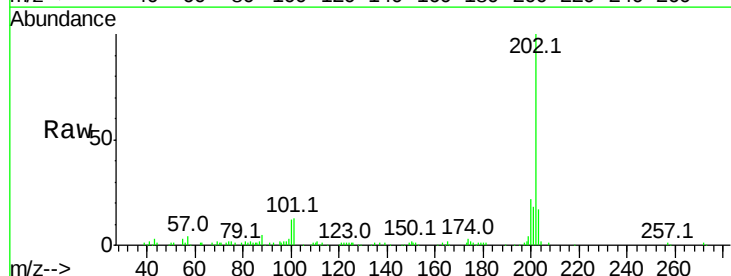
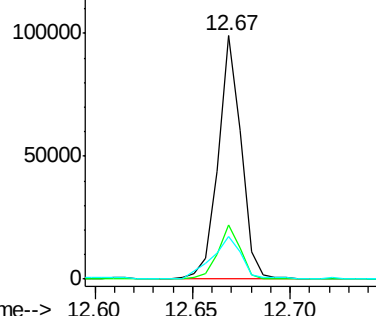
Acq: 17 Jan 2018 19:00

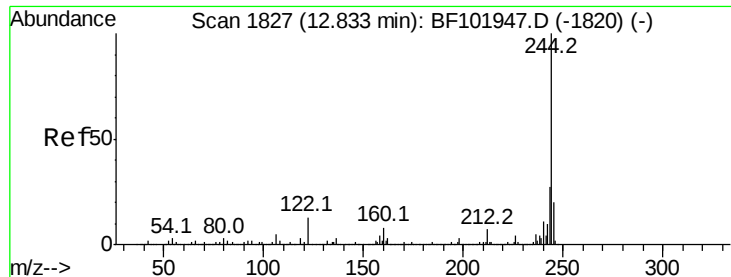
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	17.4	14.3	21.5

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: 70.929 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102158.D

Acq: 17 Jan 2018 19:00

Instrument :

BNA_F

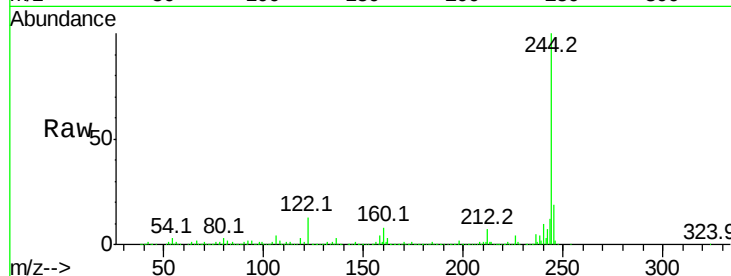
ClientSampleId :

SP-COMP

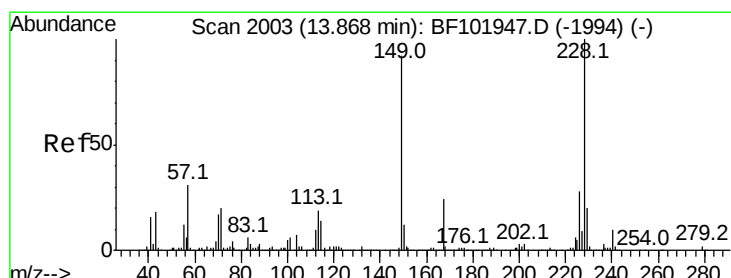
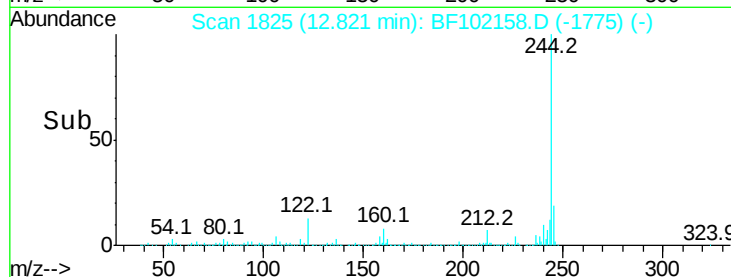
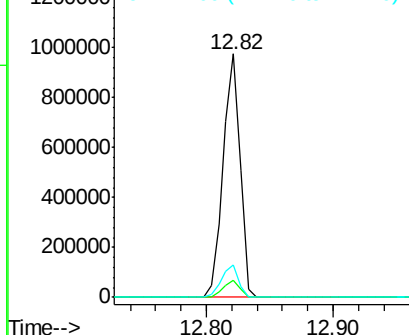
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.3	11.0	16.4

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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: 2.323 ng

RT: 13.86 min Scan# 2001

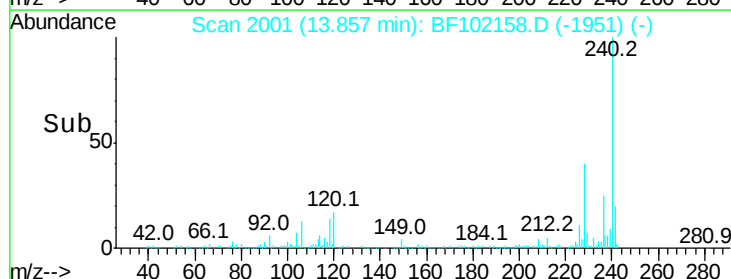
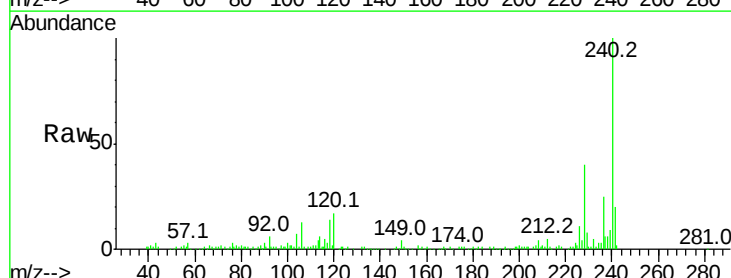
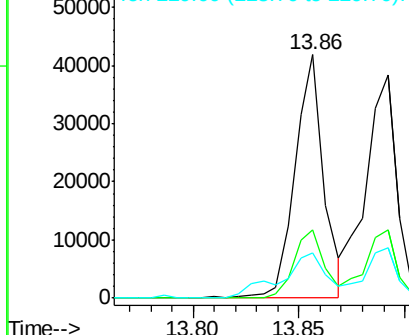
Delta R.T. -0.01 min

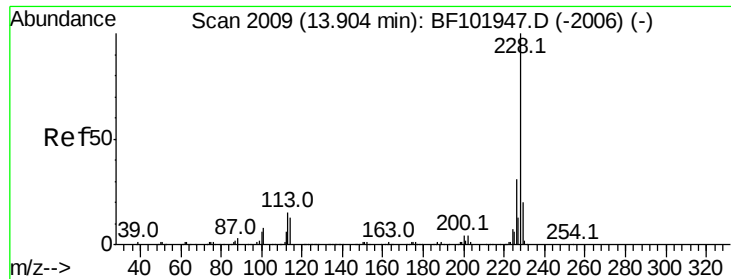
Lab File: BF102158.D

Acq: 17 Jan 2018 19:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	18.8	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





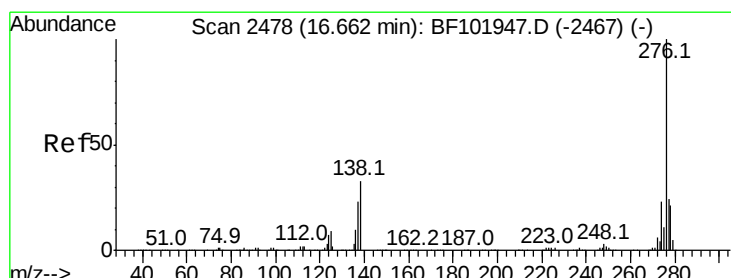
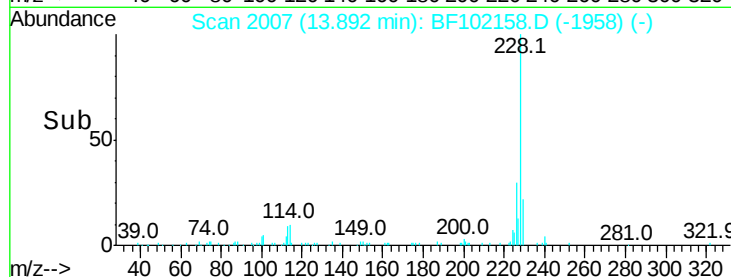
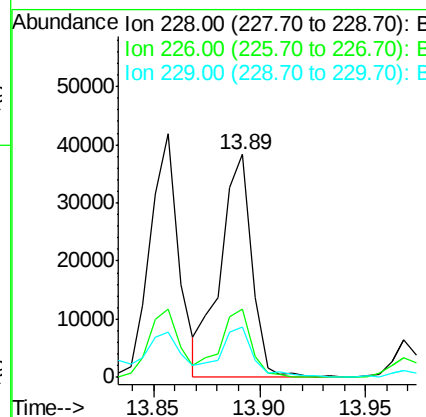
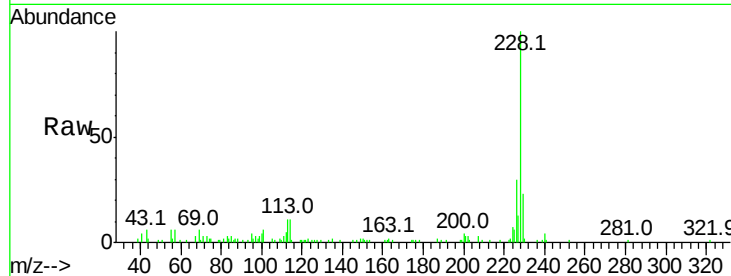
#82
Chrysene
Concen: 2.233 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tot Ion:	228	Resp:	39747
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.6
229	22.9	16.2	24.4

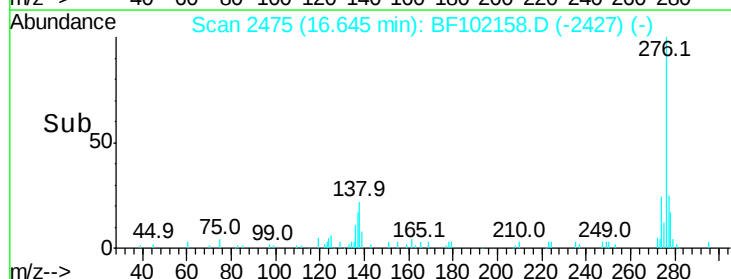
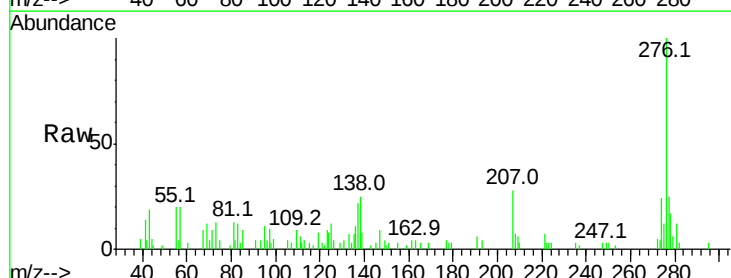
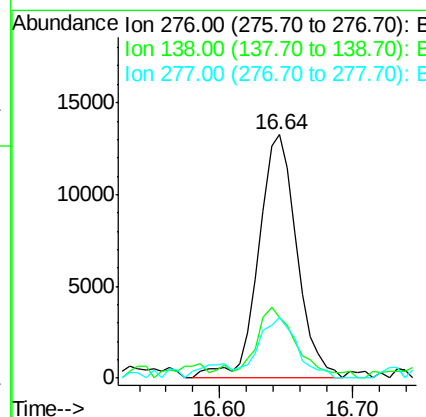
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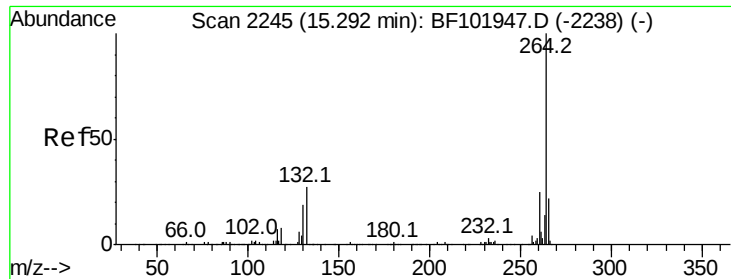
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.025 ng
RT: 16.64 min Scan# 2475
Delta R.T. -0.02 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Tgt Ion:	276	Resp:	26232
Ion Ratio	Lower	Upper	
276	100		
138	32.0	25.0	37.6
277	25.3	20.1	30.1





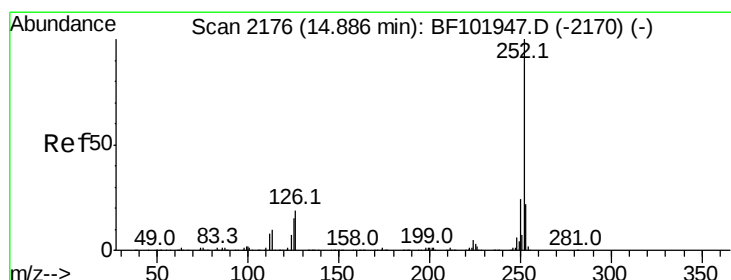
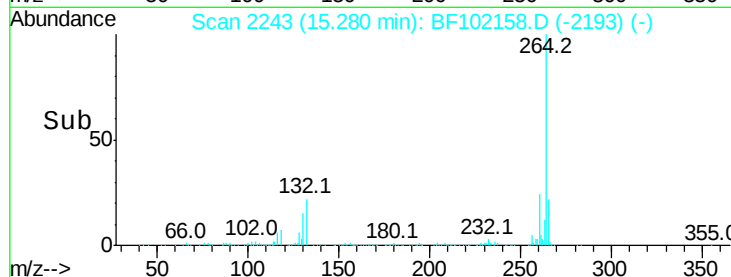
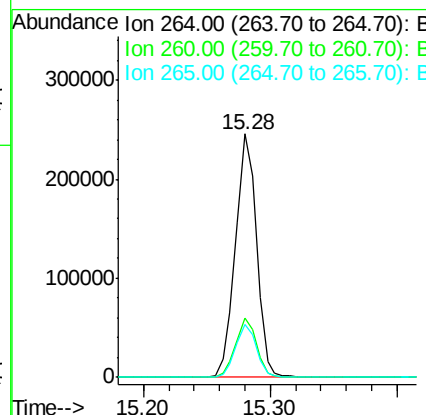
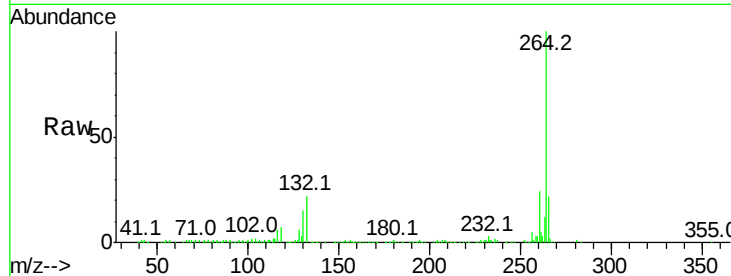
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	17.5	26.3

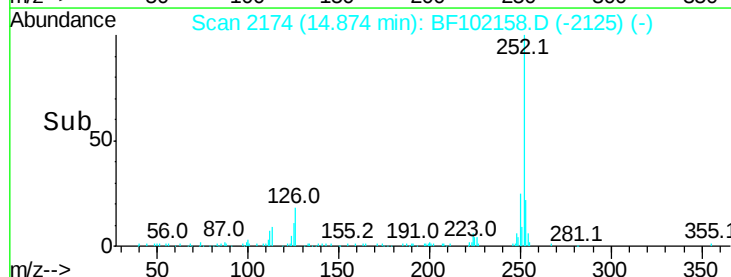
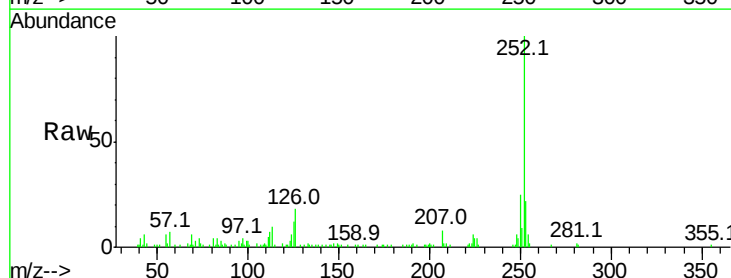
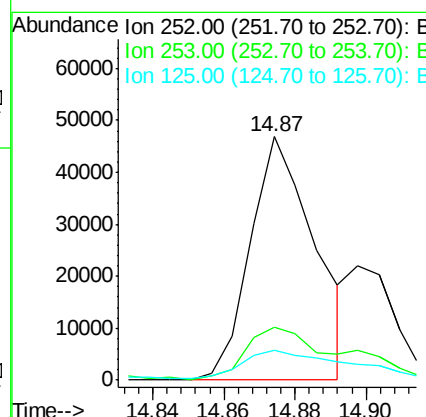
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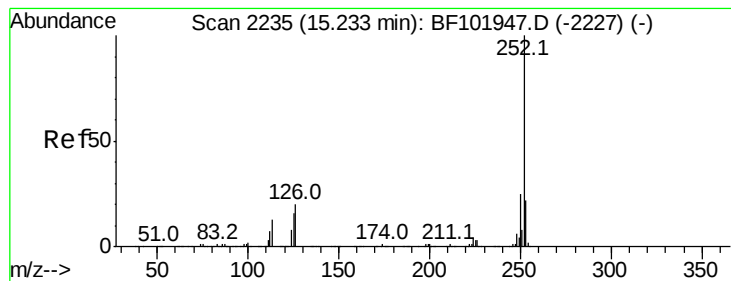
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#87
Benzo(b)fluoranthene
Concen: 3.211 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF102158.D
Acq: 17 Jan 2018 19:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	12.4	9.0	13.6





#89

Benzo(a)pyrene

Concen: 2.354 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF102158.D

Acq: 17 Jan 2018 19:00

Instrument :

BNA_F

ClientSampleId :

SP-COMP

Tot Ion:	252	Resp:	39006
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.1	25.7
125	12.8	9.8	14.6

Manual Integrations
APPROVED

Sohil
1/18/2018 11:12:26 AM

