

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101963.D
 Acq On : 9 Jan 2018 20:11
 Operator : SJ/JU
 Sample : J1043-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

Manual Integrations
 APPROVED

Sohil
 1/10/2018 11:45:13 AM

Quant Time: Jan 10 01:32:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	222709	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	805741	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	285192	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	419965	20.00	ng	0.00
75) Chrysene-d12	13.88	240	406892	20.00	ng	0.00
86) Perylene-d12	15.30	264	291066	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1591114	100.88	ng	0.02
7) Phenol-d6	6.36	99	1838645	97.71	ng	0.01
23) Nitrobenzene-d5	7.29	82	1124776	82.03	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	220876	88.75	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1416172	77.58	ng	0.00
78) Terphenyl-d14	12.83	244	972656	49.63	ng	0.00
Target Compounds						
10) Phenol	6.37	94	99566	4.682	ng	83
49) Dimethylphthalate	9.48	163	165967	7.254	ng	99
74) Fluoranthene	12.45	202	76018	3.150	ng	98
77) Pyrene	12.68	202	75000	2.085	ng	97
87) Benzo(b)fluoranthene	14.89	252	48987m	2.581	ng	

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

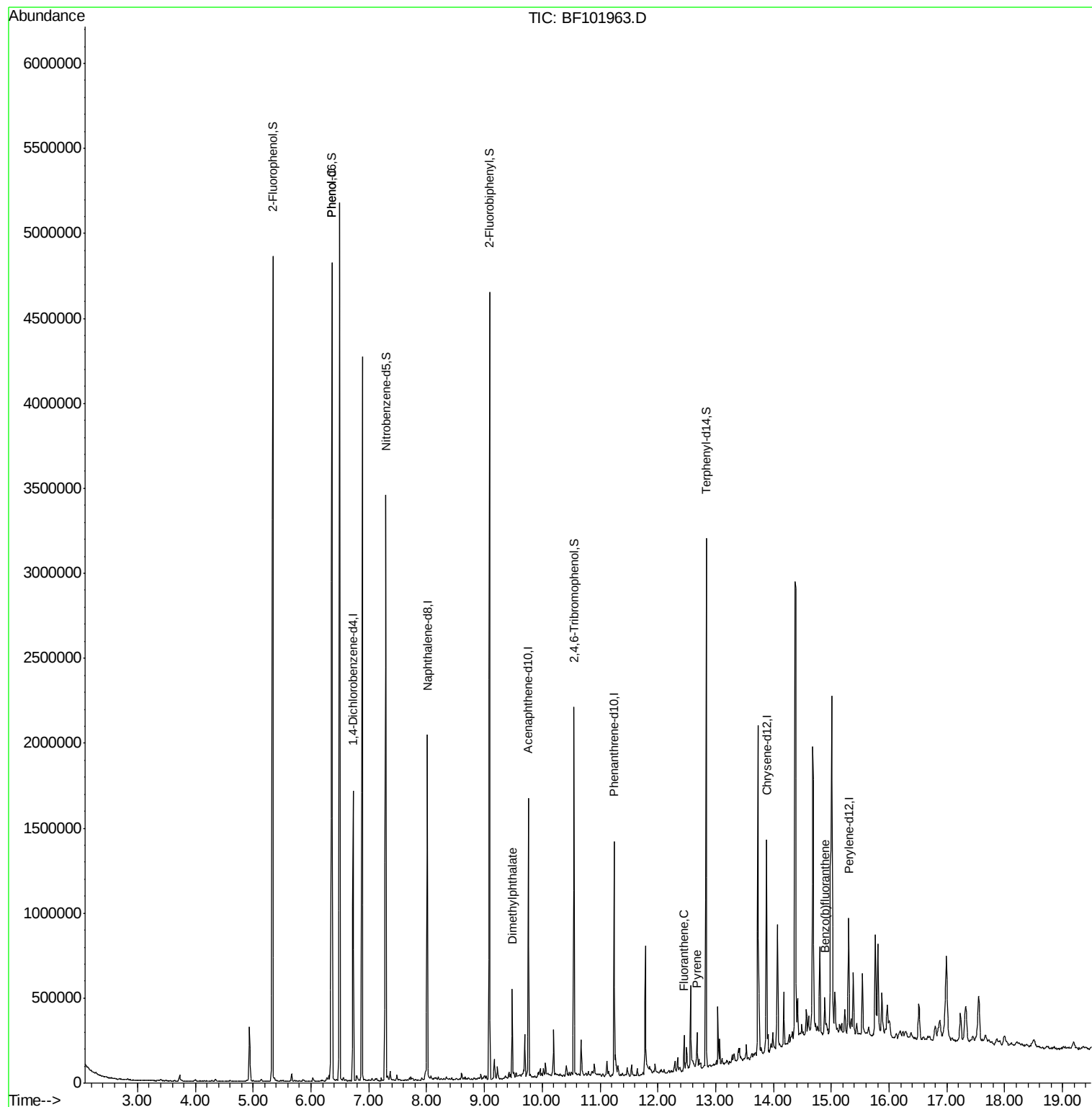
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
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#1

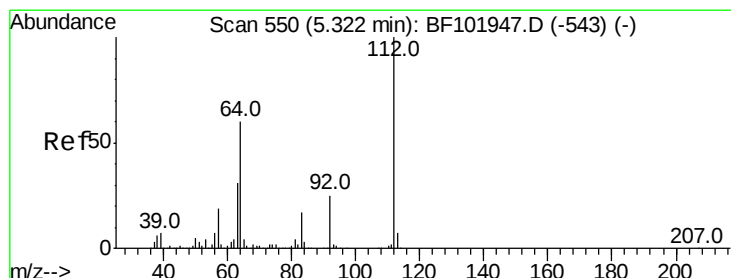
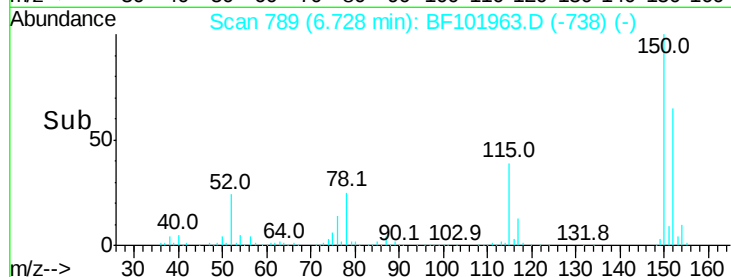
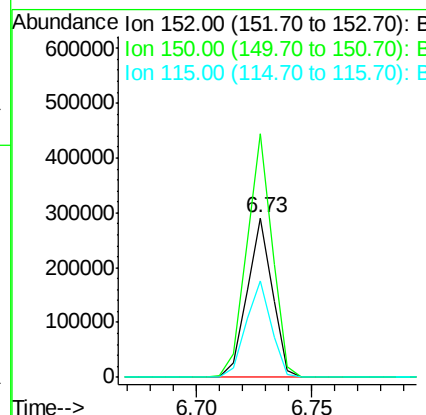
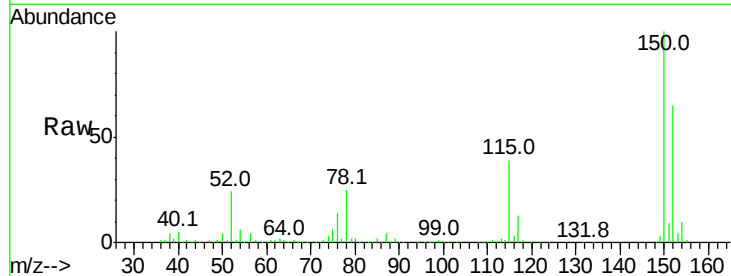
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.6	186.8
115	60.3	50.1	75.1

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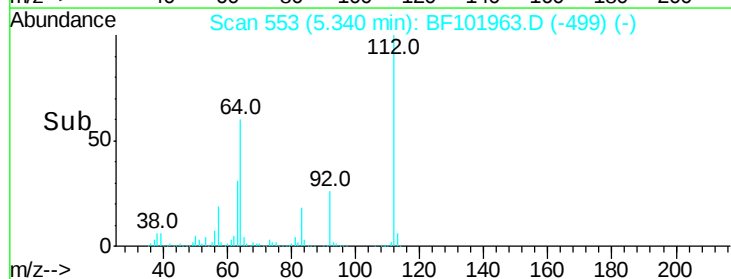
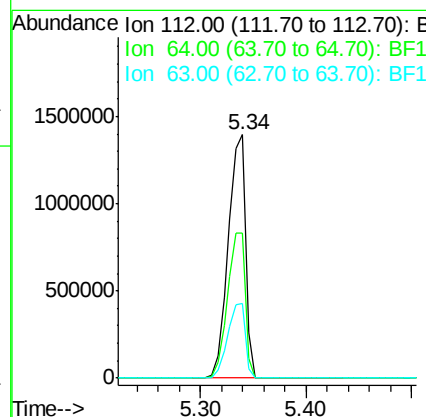
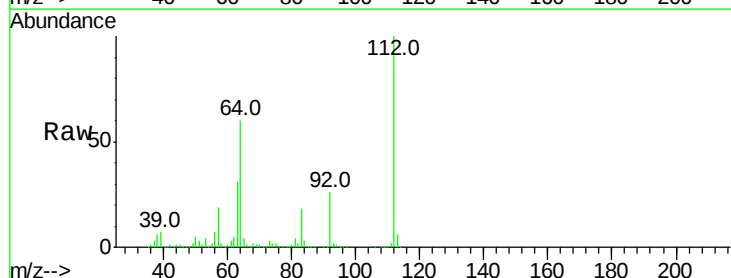
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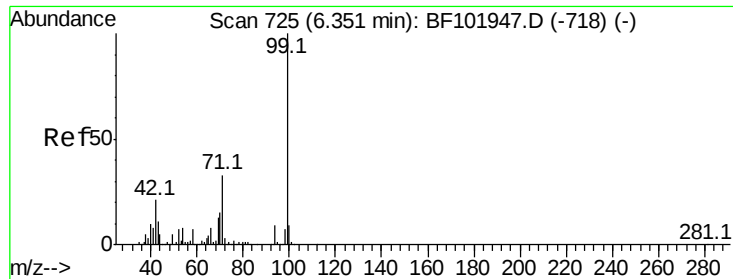


#5

2-Fluorophenol
Concen: 100.884 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.9	71.9
63	30.6	23.7	35.5





#7

Phenol-d6

Concen: 97.711 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

Tot Ion: 99 Resp: 1838645

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

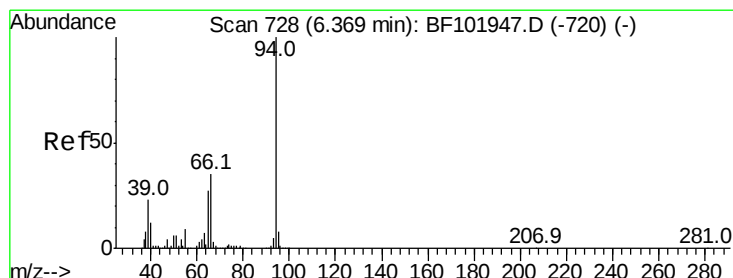
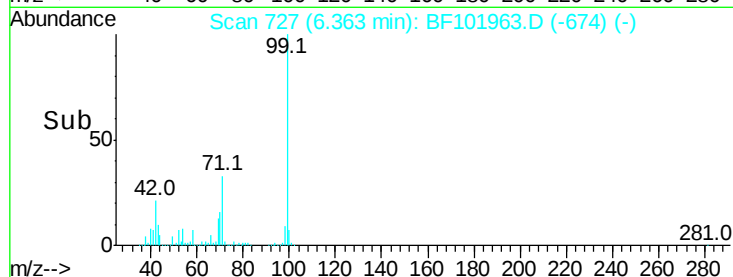
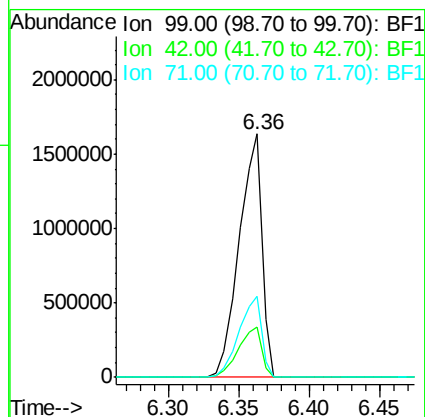
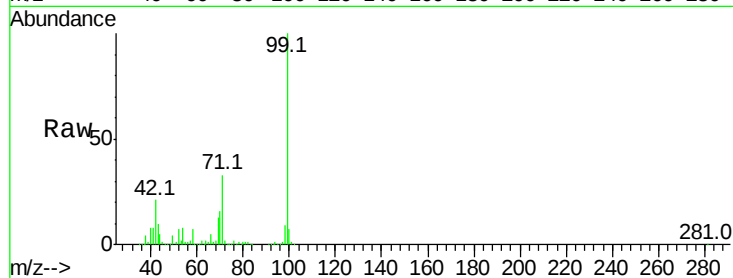
71 33.3 25.4 38.0

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#10

Phenol

Concen: 4.682 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

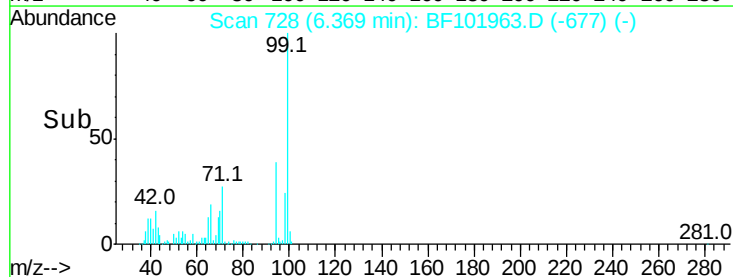
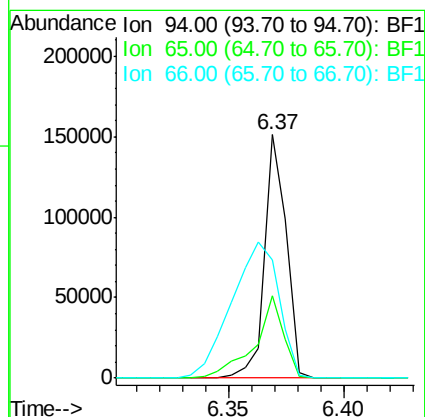
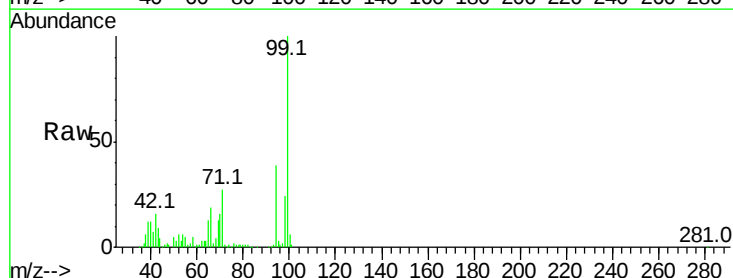
Tgt Ion: 94 Resp: 99566

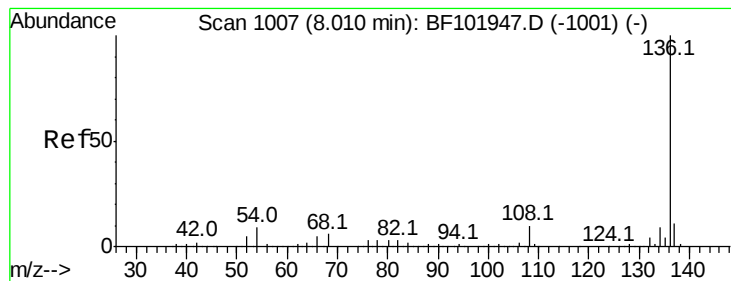
Ion Ratio Lower Upper

94 100

65 33.7 7.9 47.9

66 48.5 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: BF101963.D

Acq: 9 Jan 2018 20:11

Instrument :

BNA_F

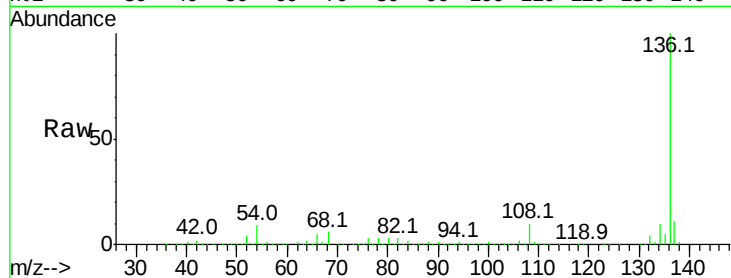
ClientSampleId :

SB-20-COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100	805741		
137	11.4		8.9	13.3
54	9.1		6.6	9.8
68	6.1		5.0	7.4

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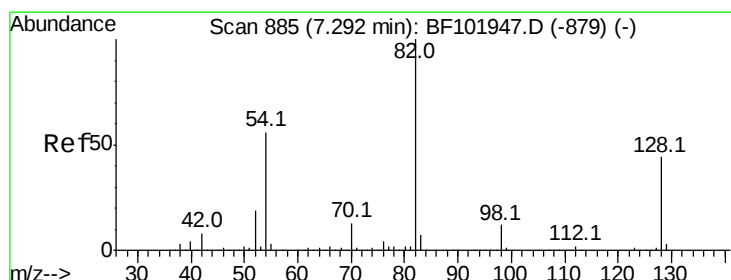
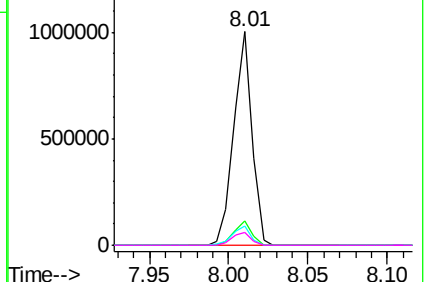
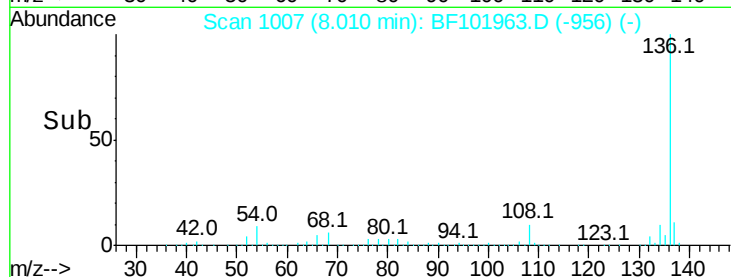


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.032 ng

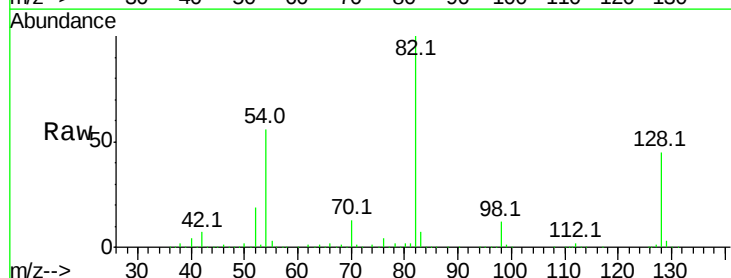
RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

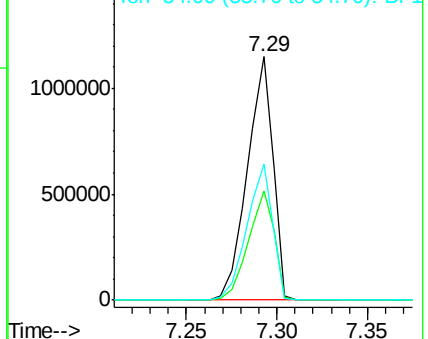
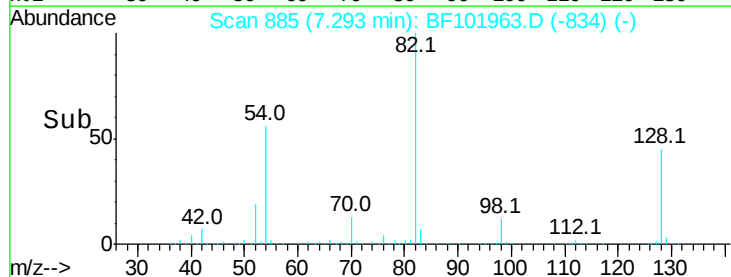
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1124776		
128	45.0		36.1	54.1
54	55.7		41.4	62.2

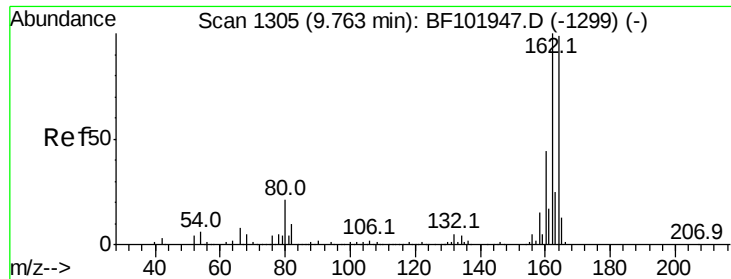


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





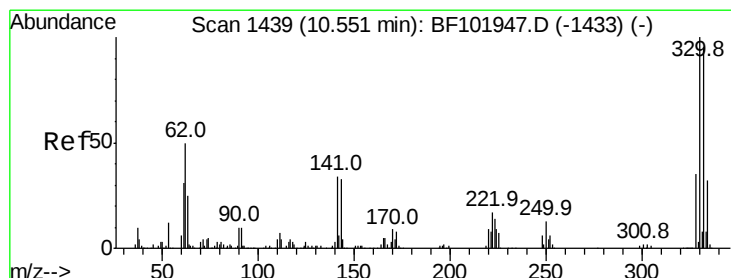
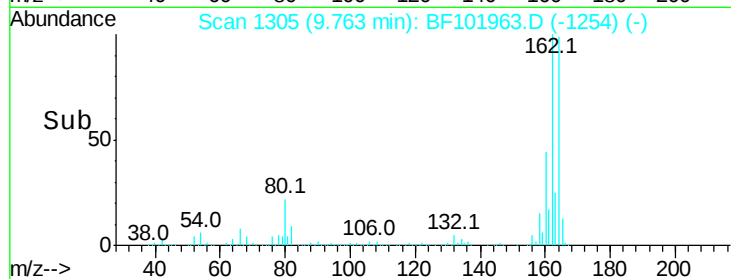
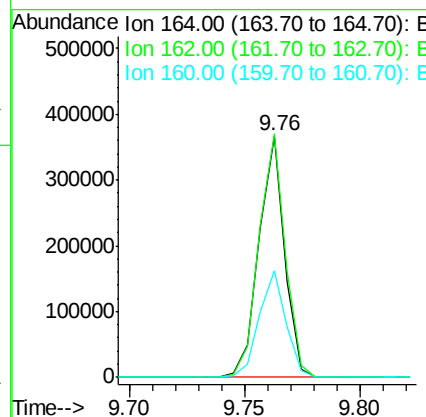
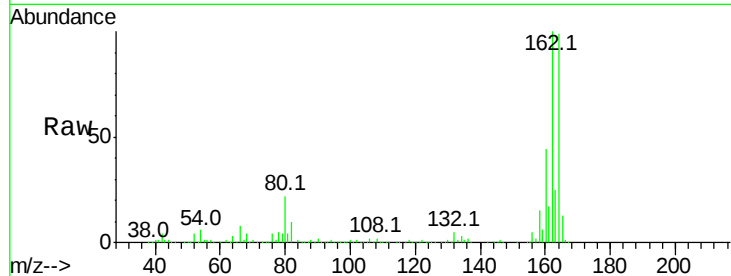
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

Tot Ion	Ratio	Resp	Lower	Upper
164	100	285192		
162	101.0	86.1	129.1	
160	44.4	38.3	57.5	

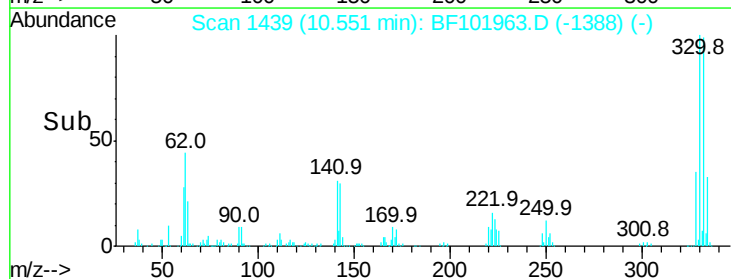
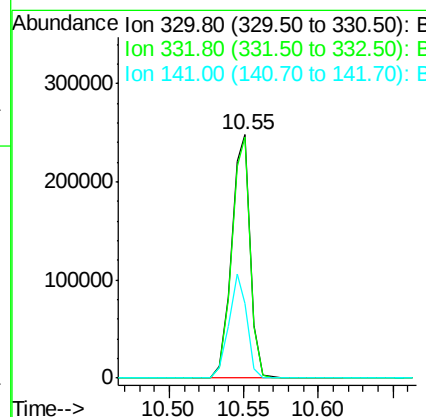
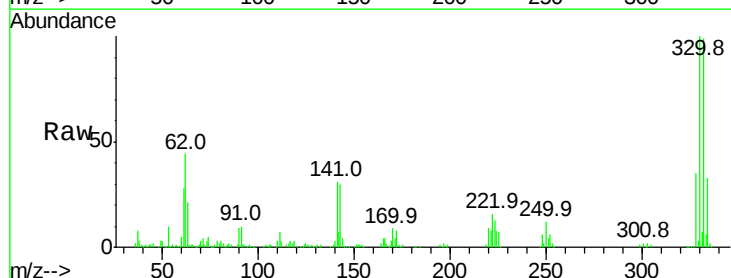
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#41
2,4,6-Tribromophenol
Concen: 88.747 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	220876		
332	97.3	77.0	115.6	
141	41.3	29.9	44.9	





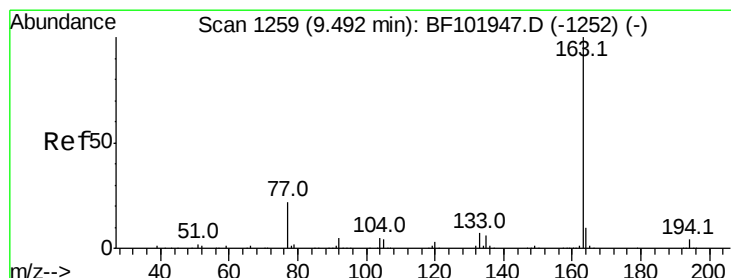
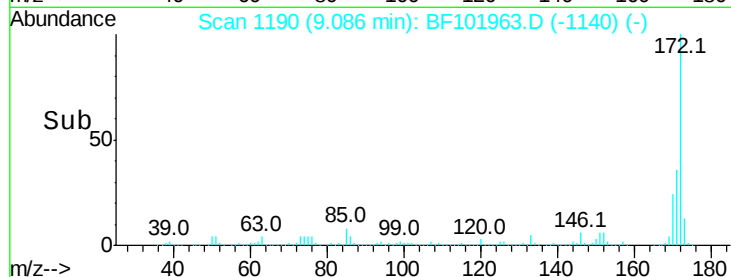
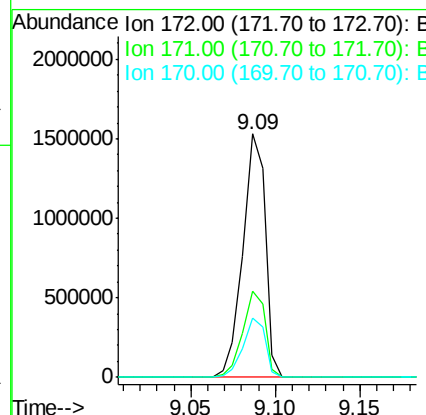
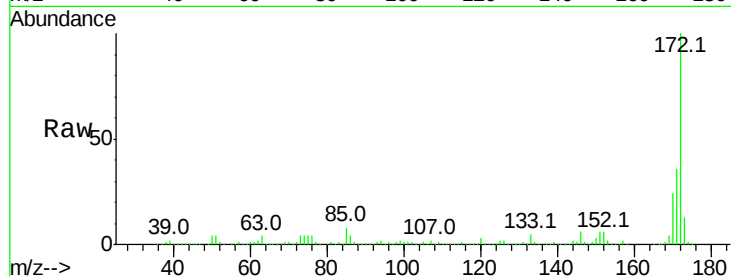
#44
2-Fluorobiphenyl
Concen: 77.577 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.4	19.6	29.4

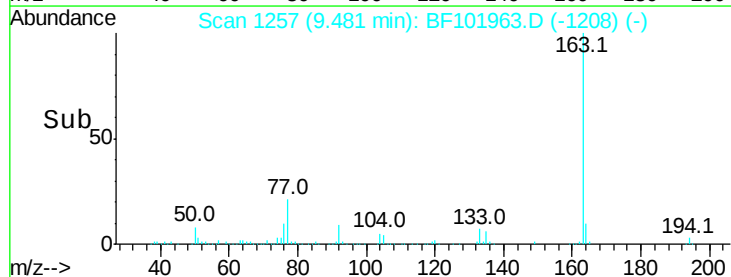
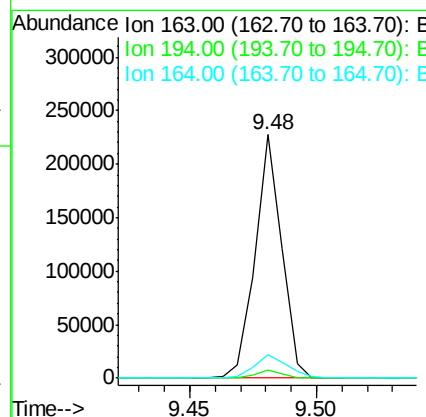
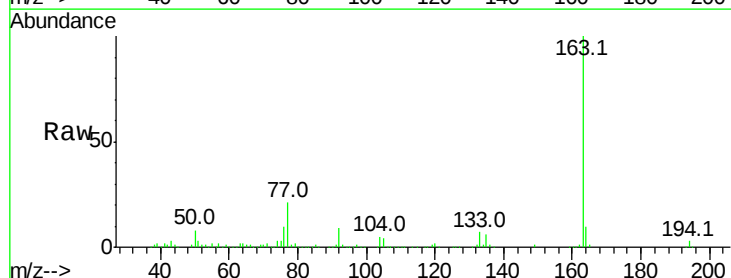
Manual Integrations
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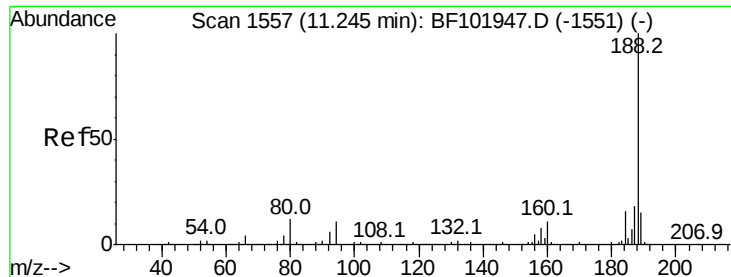
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#49
Dimethylphthalate
Concen: 7.254 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	9.9	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Instrument :

BNA_F

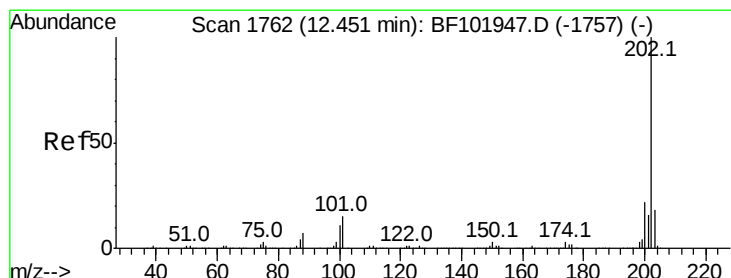
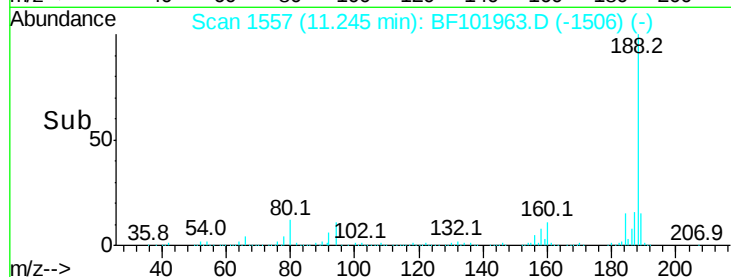
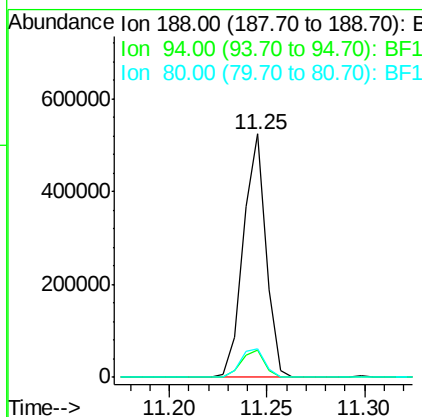
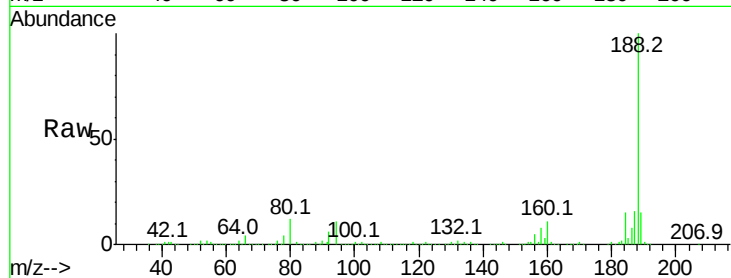
ClientSampleId :

SB-20-COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100	419965		
94	11.3		8.5	12.7
80	11.7		9.2	13.8

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#74

Fluoranthene

Concen: 3.150 ng

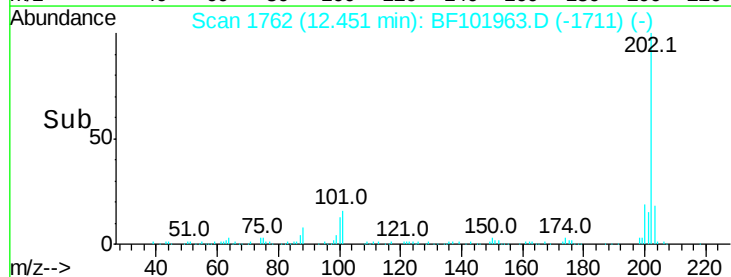
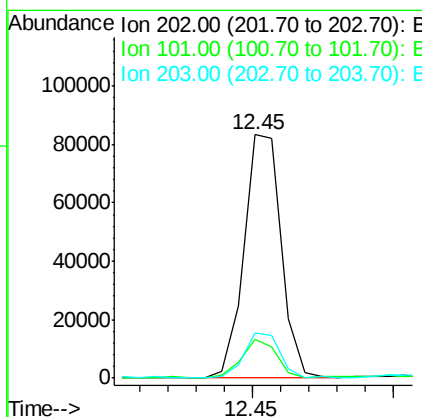
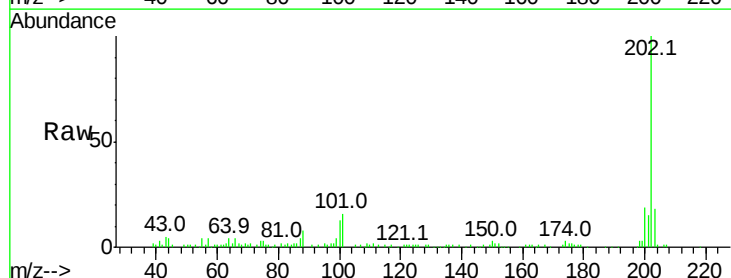
RT: 12.45 min Scan# 1762

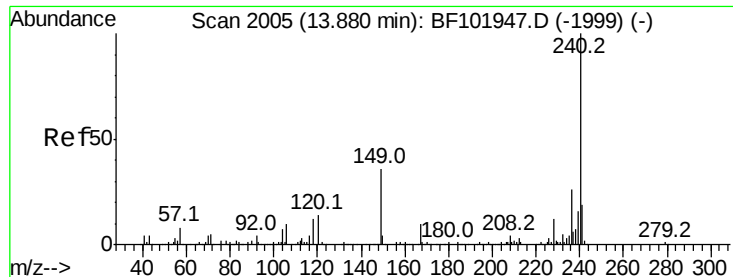
Delta R.T. 0.00 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	76018		
101	15.7		0.0	34.1
203	18.4		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Instrument :

BNA_F

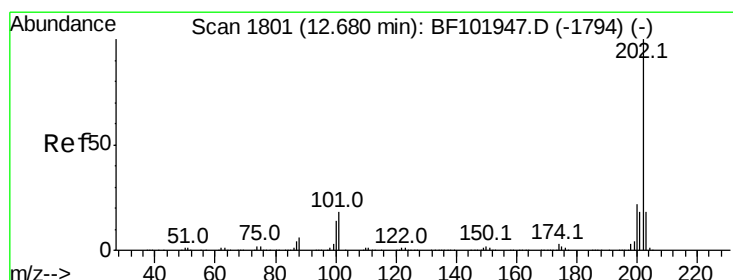
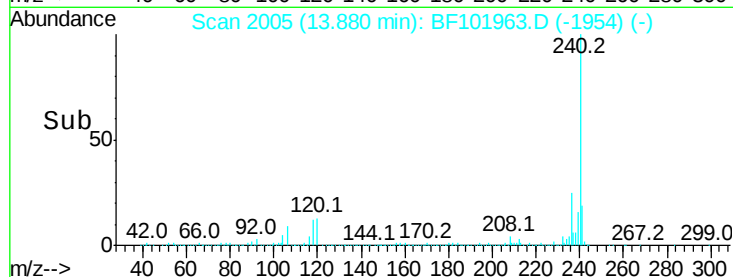
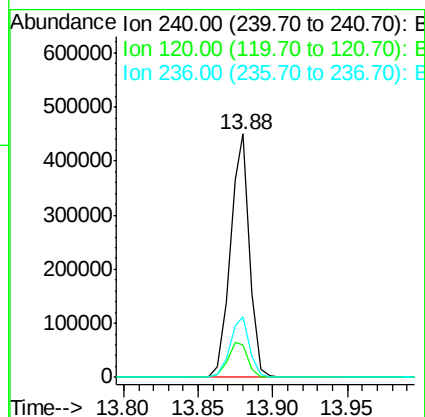
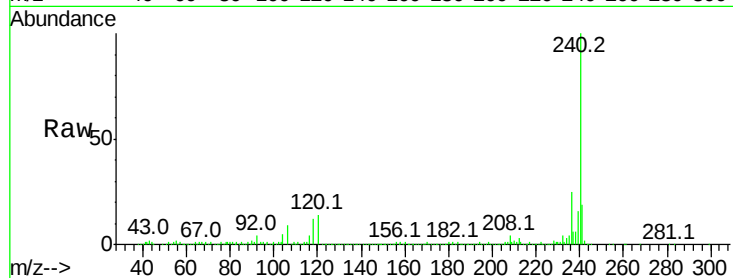
ClientSampleId :

SB-20-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.5	14.3
236	25.0	20.7	31.1

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#77

Pyrene

Concen: 2.085 ng

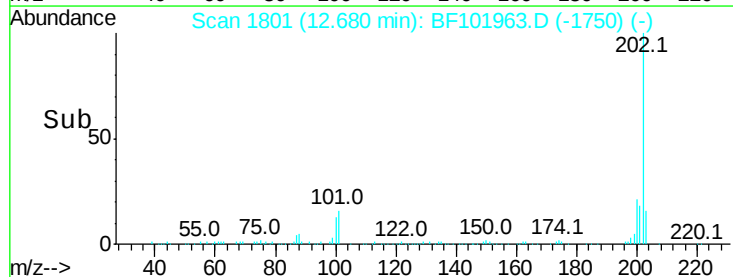
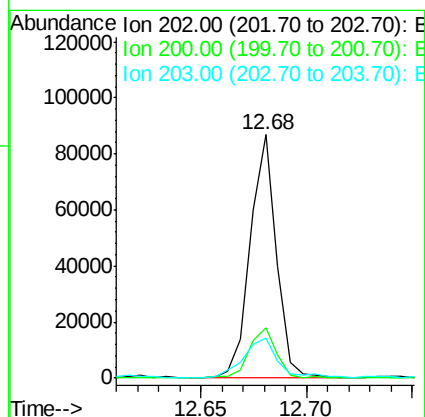
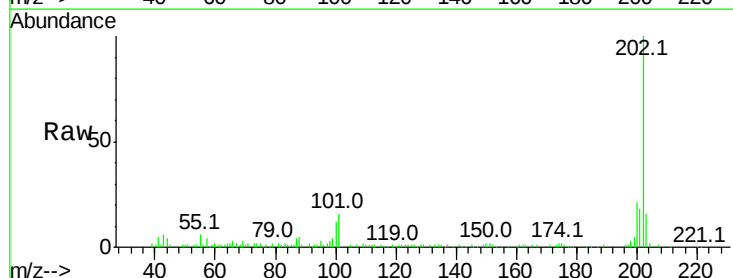
RT: 12.68 min Scan# 1801

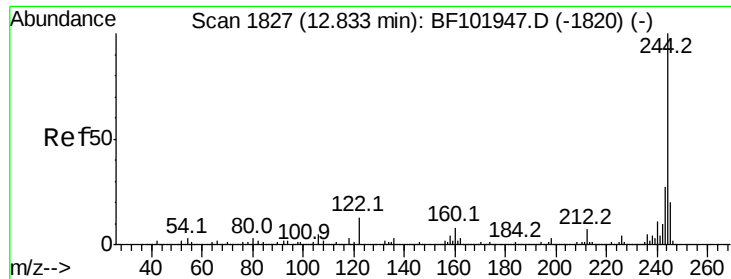
Delta R.T. 0.00 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	16.4	14.3	21.5





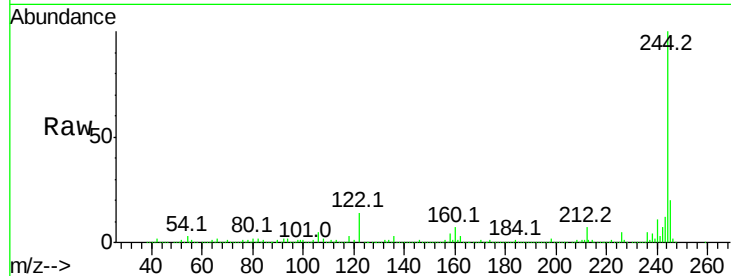
#78
 Terphenyl-d14
 Concen: 49.632 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF101963.D
 Acq: 9 Jan 2018 20:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

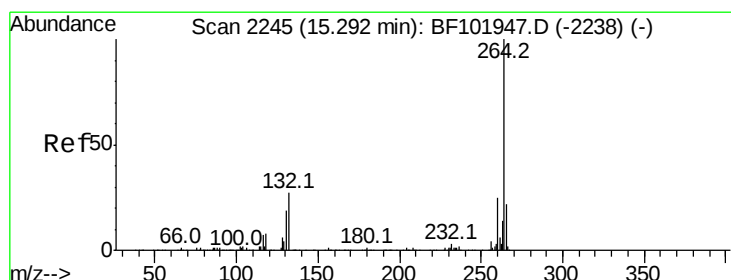
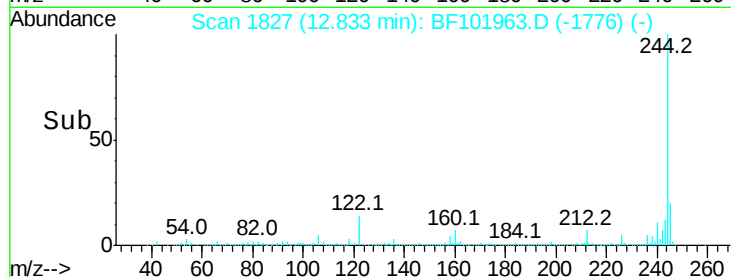
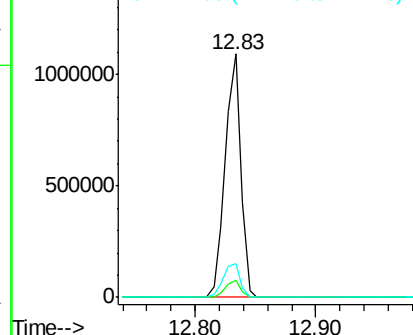
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.9	11.0	16.4

Manual Integrations
 APPROVED

Sohil
 1/10/2018 11:45:13 AM

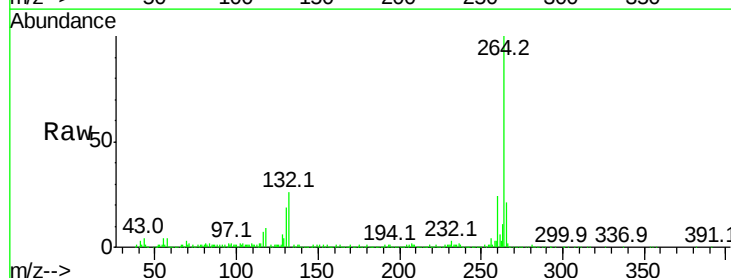


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

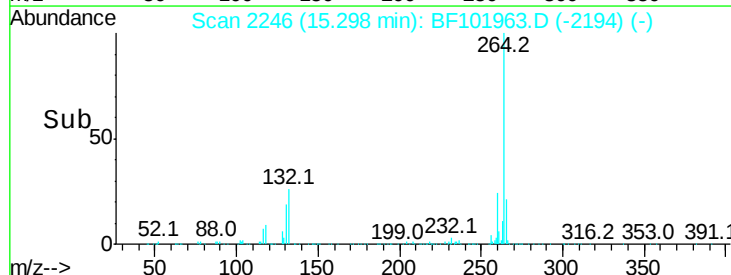
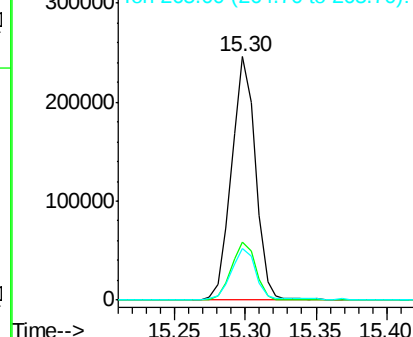


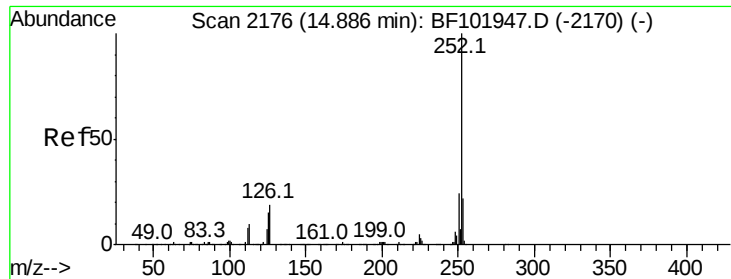
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF101963.D
 Acq: 9 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.0	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87
 Benzo(b)fluoranthene
 Concen: 2.581 ng/ml
 RT: 14.89 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: BF101963.D
 Acq: 9 Jan 2018 20:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.0	25.6#
125	28.1	9.0	13.6#

Manual Integrations
 APPROVED

Sohil
 1/10/2018 11:45:13 AM

