

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120117\
 Data File : BF101062.D
 Acq On : 1 Dec 2017 14:50
 Operator : SJ/JU
 Sample : I6610-03 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(10-12)-20171127

Manual Integrations
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Quant Time: Dec 04 00:15:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 15:52:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	51489	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	202257	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	91378	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	174482	20.00	ng	0.00
75) Chrysene-d12	14.02	240	112409	20.00	ng	0.00
86) Perylene-d12	15.49	264	121577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	66708	21.41	ng	-0.01
7) Phenol-d6	6.47	99	81242	21.48	ng	-0.01
23) Nitrobenzene-d5	7.40	82	47224	13.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	13592	12.38	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	108504	16.25	ng	-0.01
78) Terphenyl-d14	12.95	244	88971	17.31	ng	-0.01
Target Compounds						
70) Phenanthrene	11.39	178	46118	4.800	ng	98
74) Fluoranthene	12.59	202	76634	7.195	ng	94
77) Pyrene	12.82	202	66691	8.598	ng	98
79) Butylbenzylphthalate	13.43	149	23483	6.867	ng	87
80) Benzo(a)anthracene	14.00	228	29452	4.150	ng	93
82) Chrysene	14.04	228	30000m	4.551	ng	
85) Indeno(1,2,3-cd)pyrene	16.96	276	18289	3.121	ng	# 91
87) Benzo(b)fluoranthene	15.05	252	40827m	5.606	ng	
89) Benzo(a)pyrene	15.42	252	28605	4.321	ng	95
91) Benzo(g,h,i)perylene	17.41	276	22143	4.026	ng	94

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

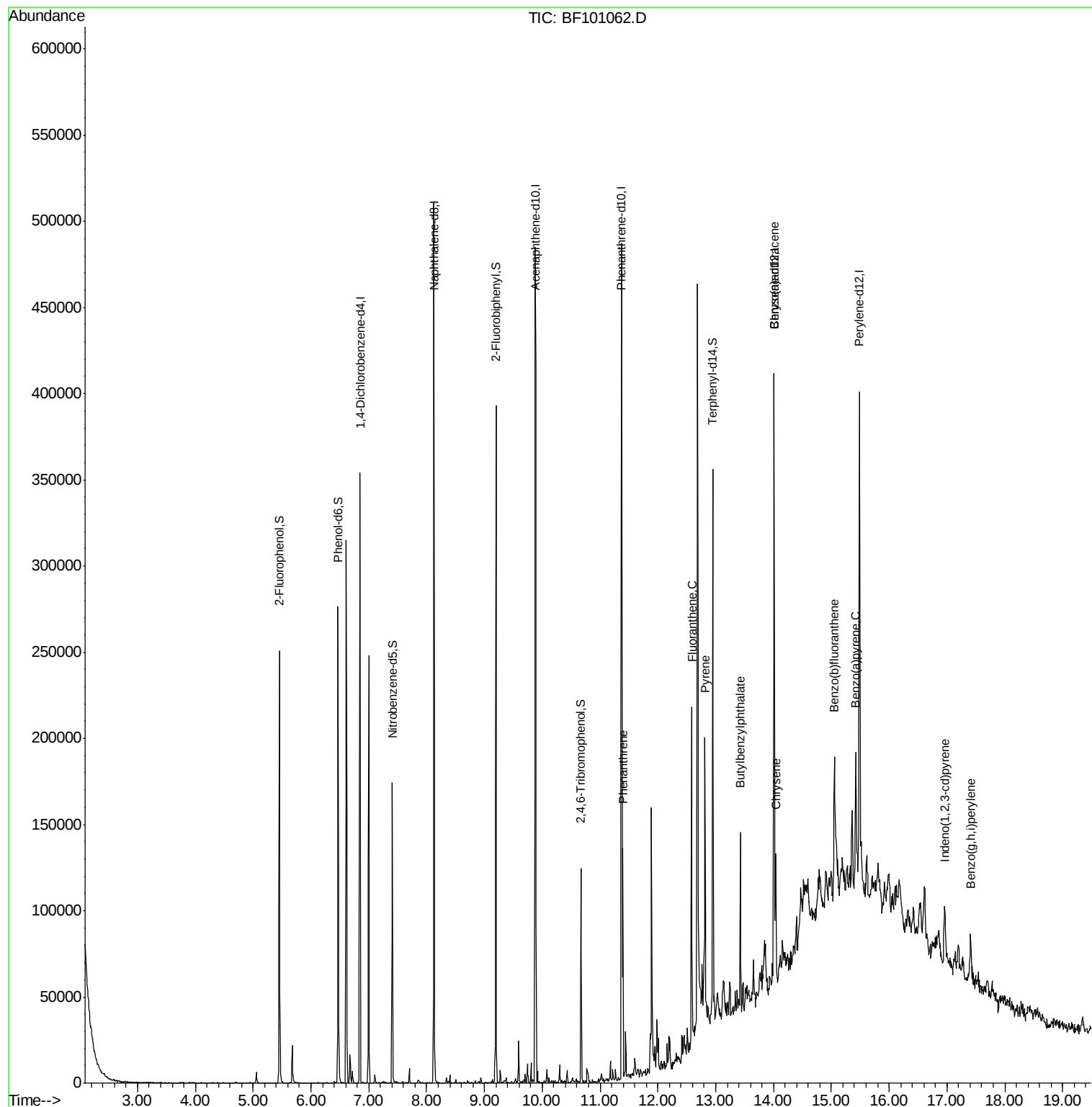
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101062.D
Acq On : 1 Dec 2017 14:50
Operator : SJ/JU
Sample : I6610-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

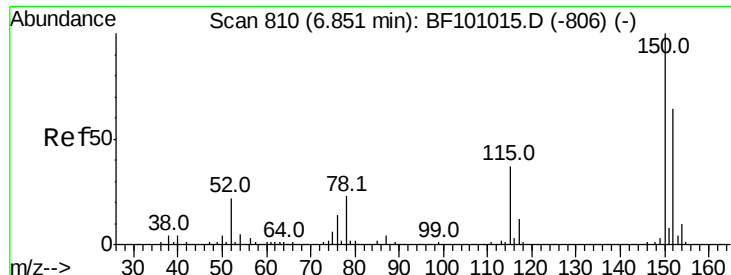
Instrument :
BNA_F
ClientSampleId :
SB-3(10-12)-20171127

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Quant Time: Dec 04 00:15:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

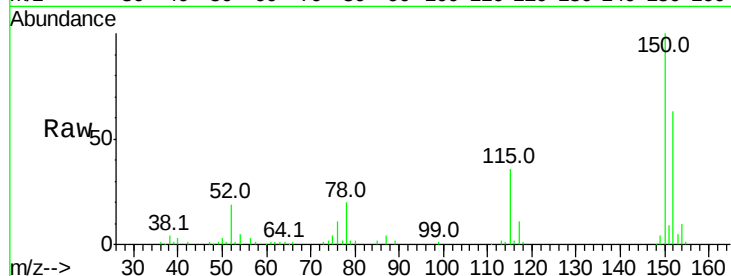
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101062.D
Acq: 1 Dec 2017 14:50

Instrument :
BNA_F
ClientSampleId :
SB-3(10-12)-20171127

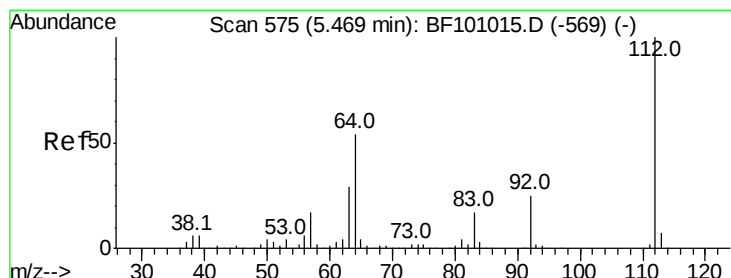
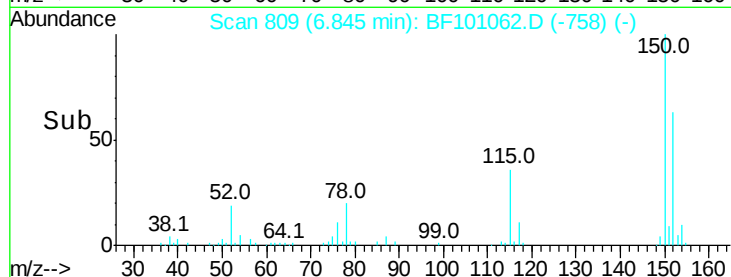
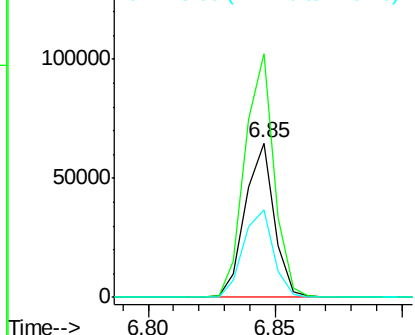
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	56.7	50.1	75.1

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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

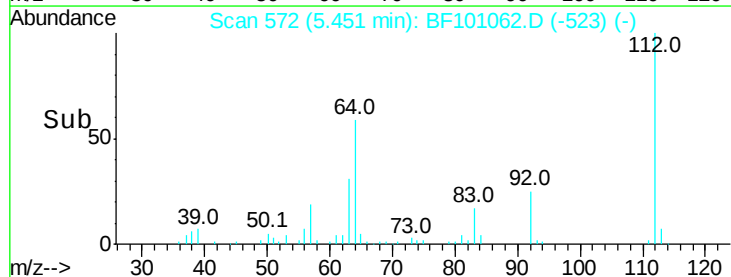
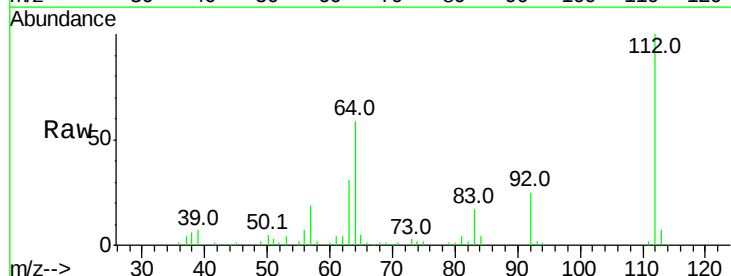
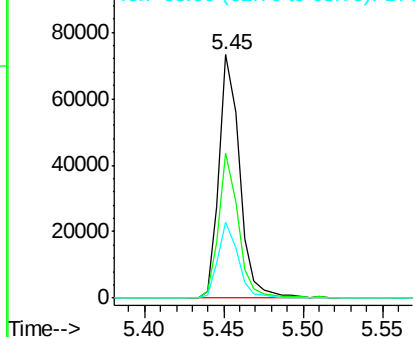


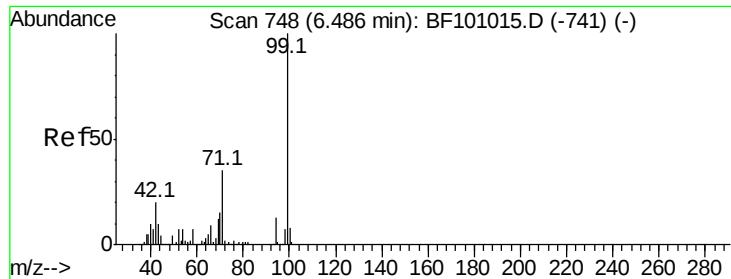
#5

2-Fluorophenol
Concen: 21.409 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF101062.D
Acq: 1 Dec 2017 14:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	31.2	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





#7

Phenol-d6

Concen: 21.475 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF101062.D

Acq: 1 Dec 2017 14:50

Instrument :

BNA_F

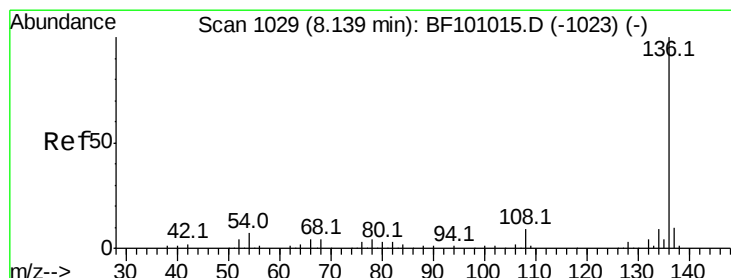
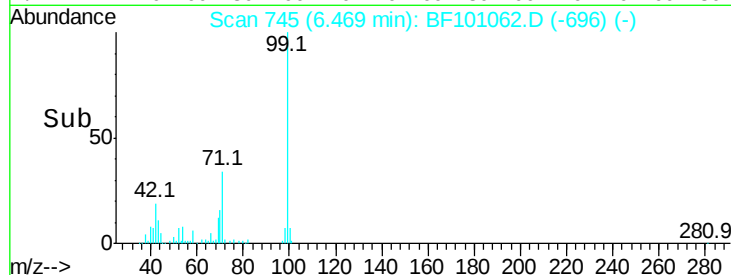
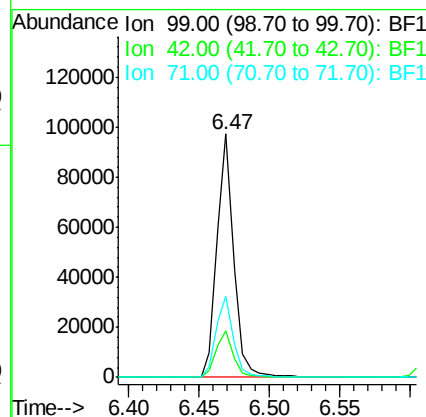
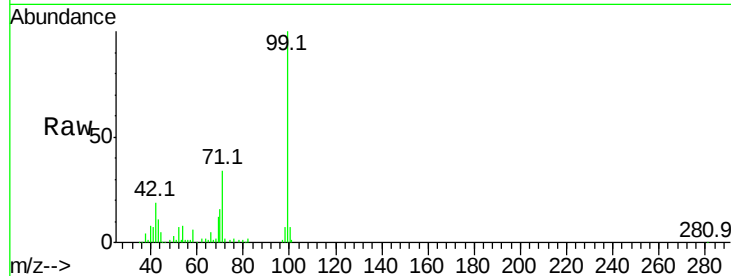
ClientSampleId :

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Tot Ion:	99	Resp:	81242
Ion Ratio	Lower	Upper	
99	100		
42	18.9	14.5	21.7
71	33.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

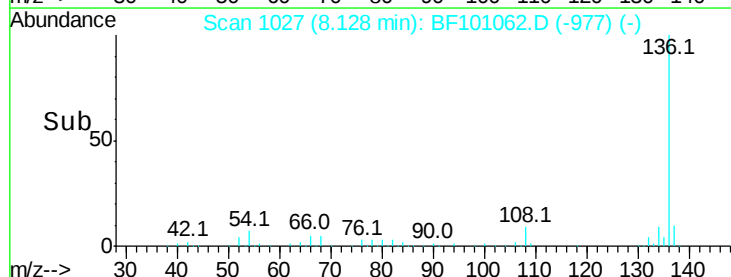
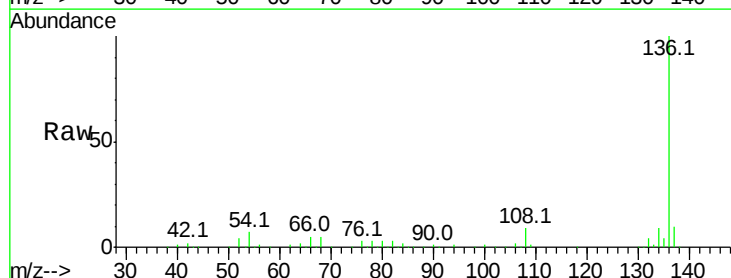
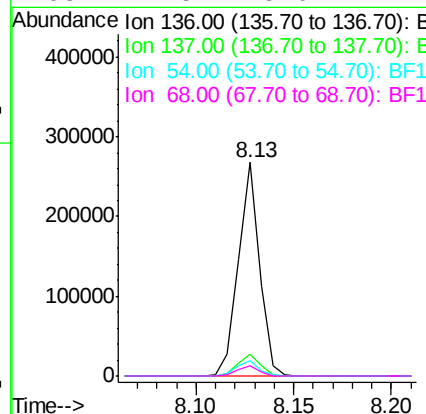
RT: 8.13 min Scan# 1027

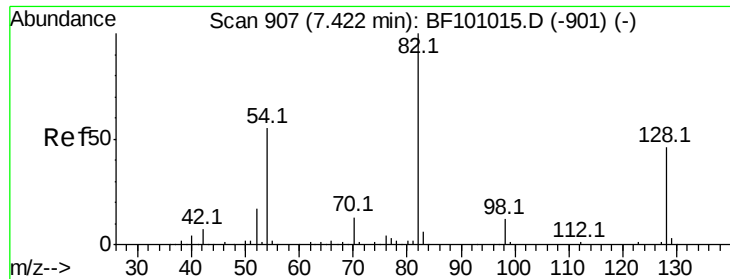
Delta R.T. -0.01 min

Lab File: BF101062.D

Acq: 1 Dec 2017 14:50

Tgt Ion:	136	Resp:	202257
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.9	13.3
54	7.2	6.6	9.8
68	4.5	5.0	7.4#





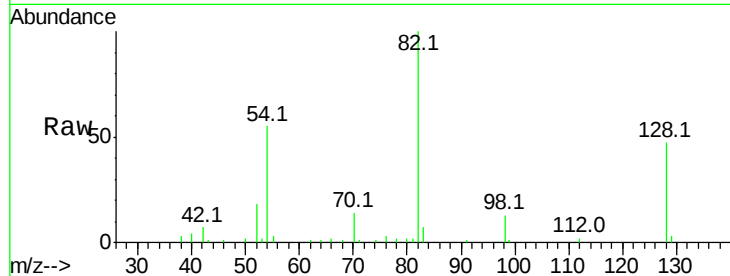
#23
Nitrobenzene-d5
Concen: 13.928 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF101062.D
Acq: 1 Dec 2017 14:50

Instrument :
BNA_F
ClientSampleId :
SB-3(10-12)-20171127

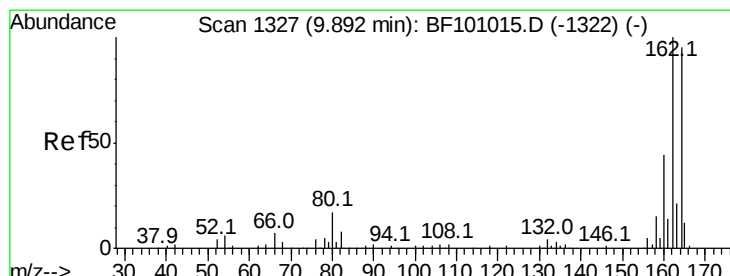
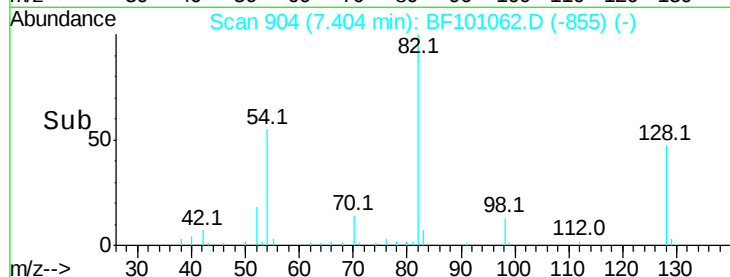
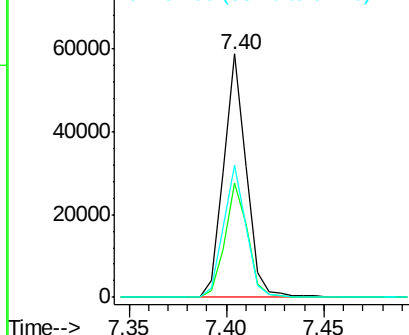
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	54.5	41.4	62.2

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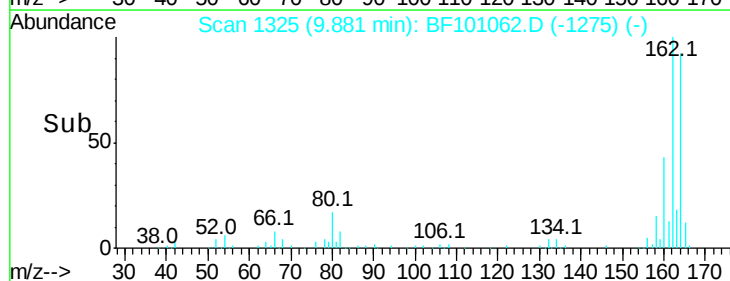
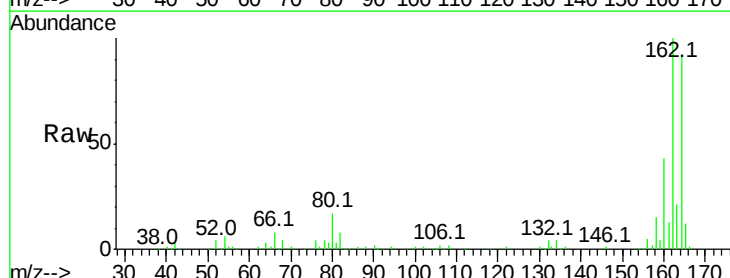
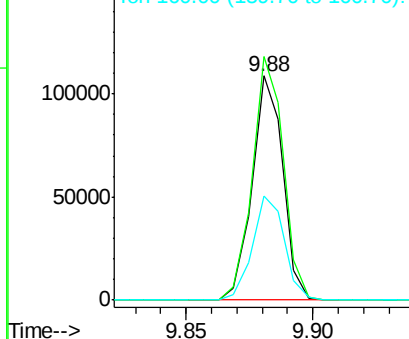
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

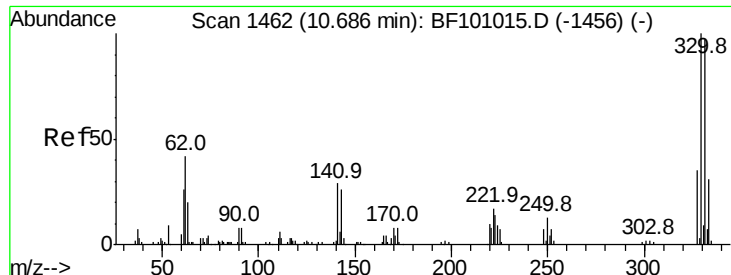


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101062.D
Acq: 1 Dec 2017 14:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.5	86.1	129.1
160	46.2	38.3	57.5

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 12.382 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF101062.D

Acq: 1 Dec 2017 14:50

Instrument :

BNA_F

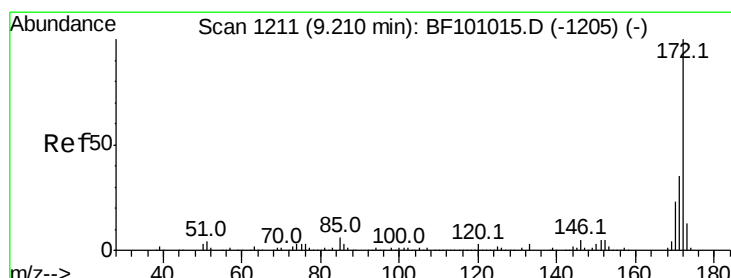
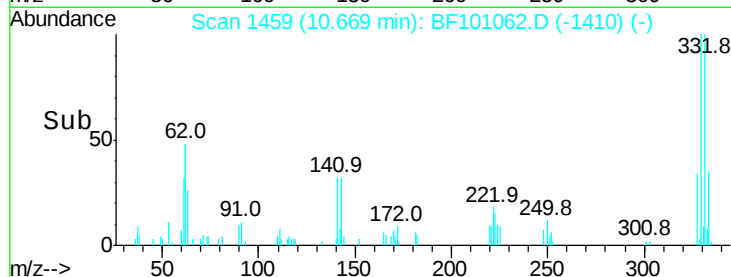
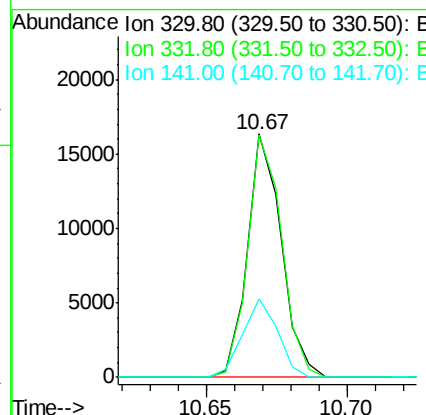
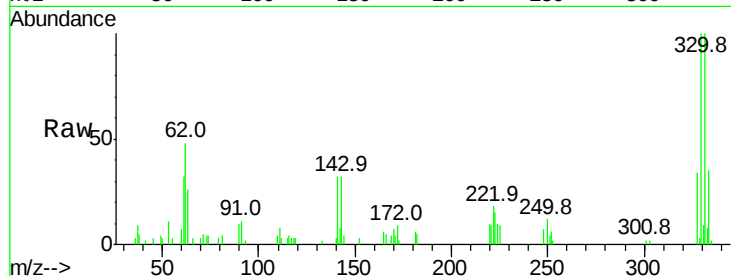
ClientSampleId :

SB-3(10-12)-20171127

Tot Ion:	330	Resp:	13592
Ion Ratio	Lower	Upper	
330	100		
332	99.6	77.0	115.6
141	33.8	29.9	44.9

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#44

2-Fluorobiphenyl

Concen: 16.246 ng

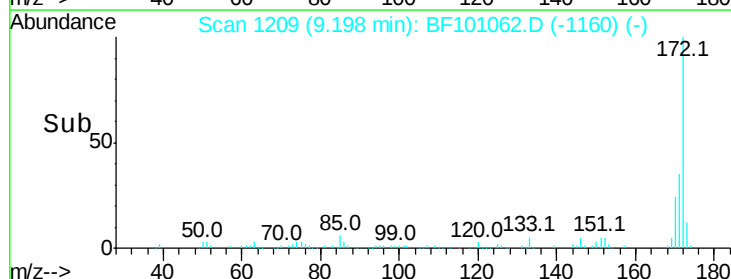
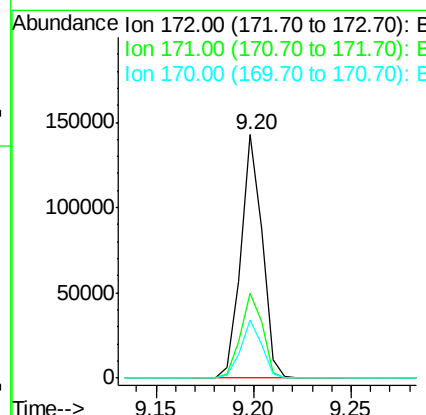
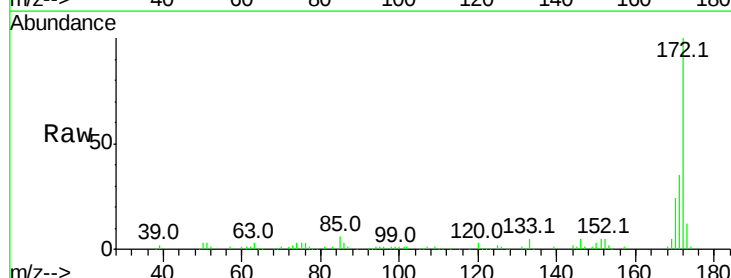
RT: 9.20 min Scan# 1209

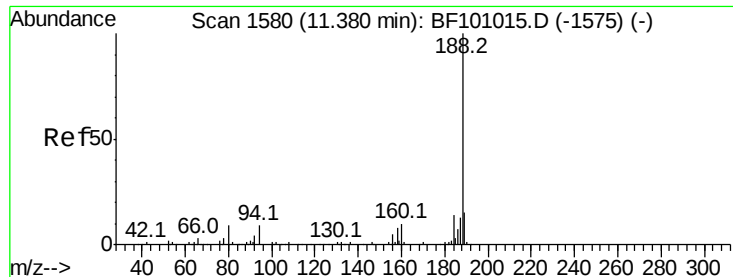
Delta R.T. -0.01 min

Lab File: BF101062.D

Acq: 1 Dec 2017 14:50

Tgt Ion:	172	Resp:	108504
Ion Ratio	Lower	Upper	
172	100		
171	34.7	29.7	44.5
170	23.7	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF101062.D

Acq: 1 Dec 2017 14:50

Instrument :

BNA_F

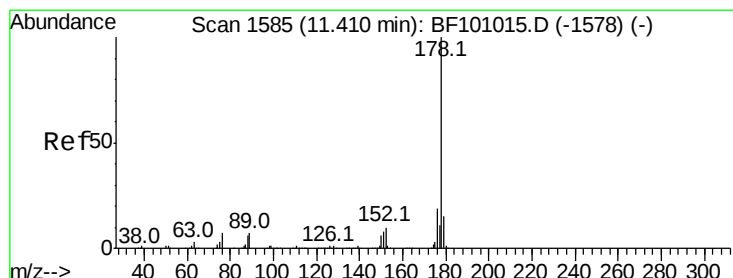
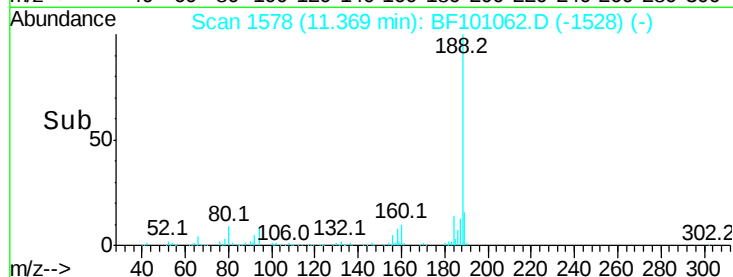
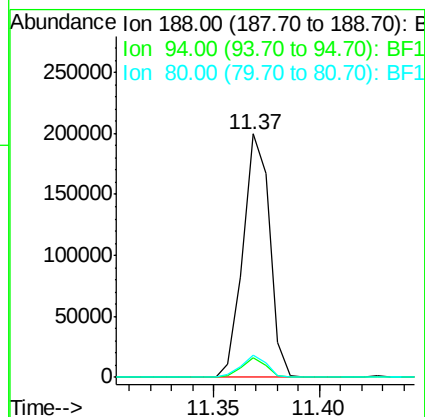
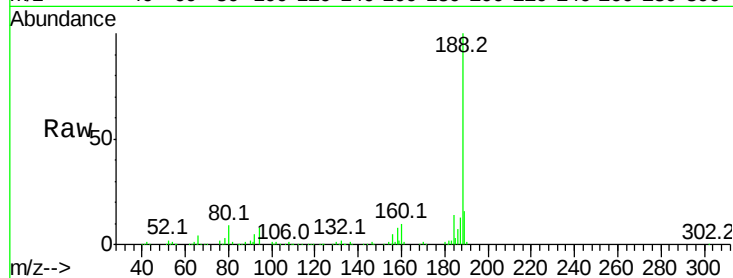
ClientSampleId :

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Tot Ion:	188	Resp:	174482
Ion Ratio	Lower	Upper	
188	100		
94	8.3	8.5	12.7#
80	9.2	9.2	13.8

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#70

Phenanthrene

Concen: 4.800 ng

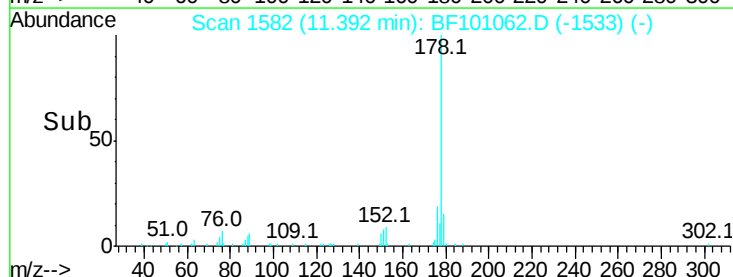
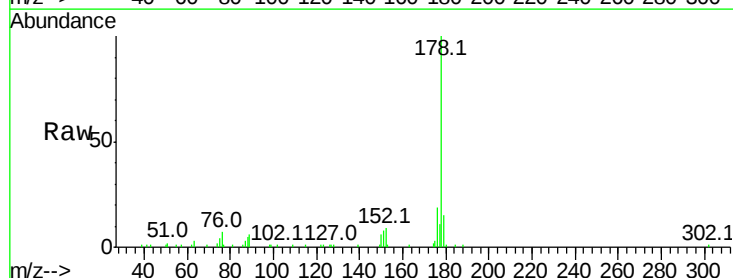
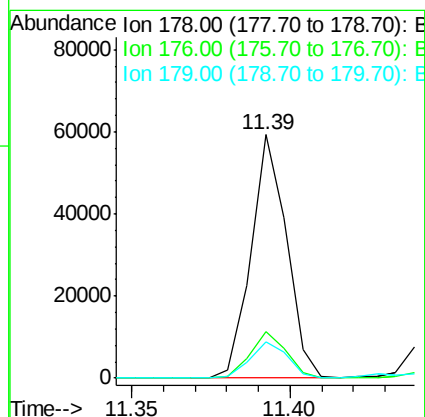
RT: 11.39 min Scan# 1582

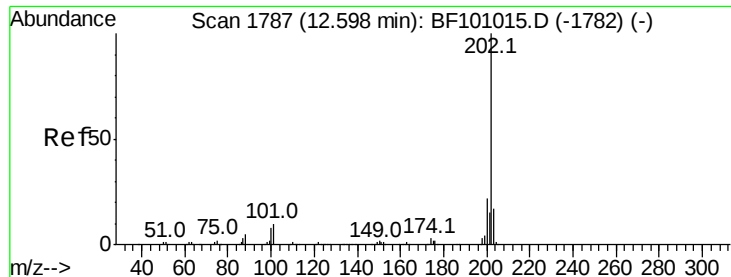
Delta R.T. -0.01 min

Lab File: BF101062.D

Acq: 1 Dec 2017 14:50

Tgt Ion:	178	Resp:	46118
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.8	23.8
179	14.8	13.0	19.6





#74

Fluoranthene

Concen: 7.195 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF101062.D

Acq: 1 Dec 2017 14:50

Instrument :

BNA_F

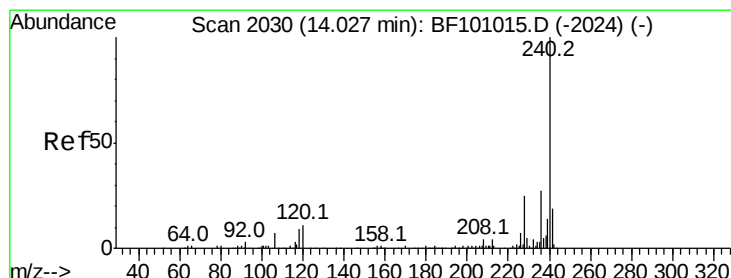
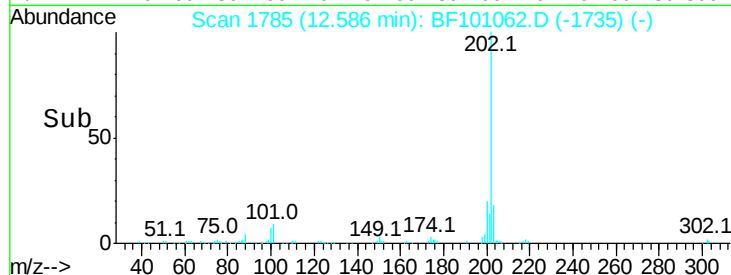
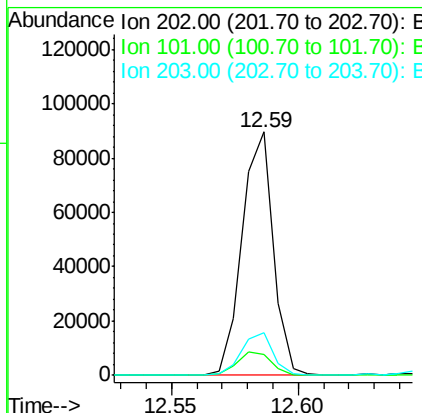
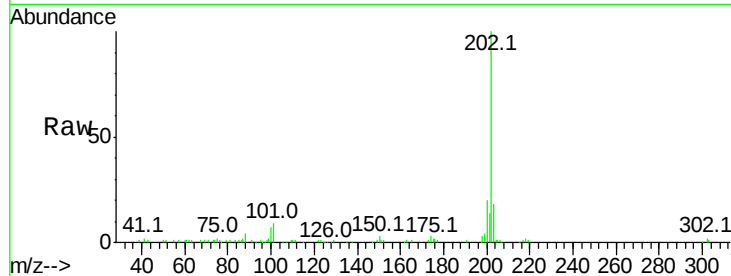
ClientSampleId :

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Tot Ion:	202	Resp:	76634
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	34.1
203	17.7	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

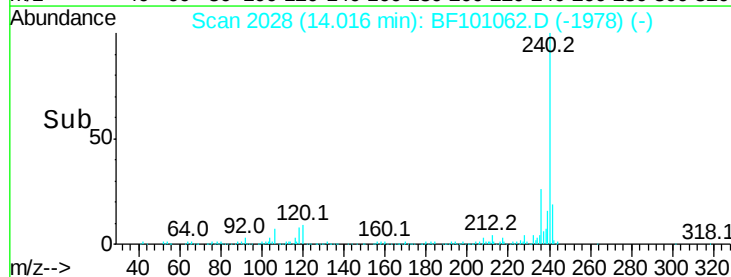
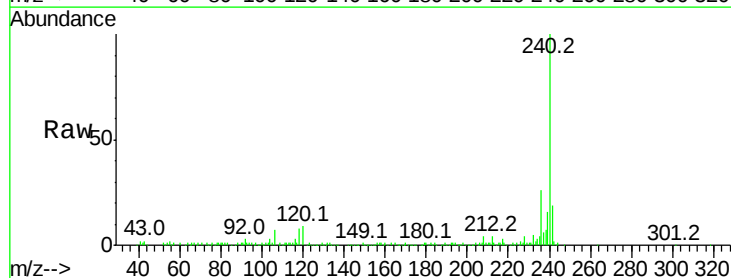
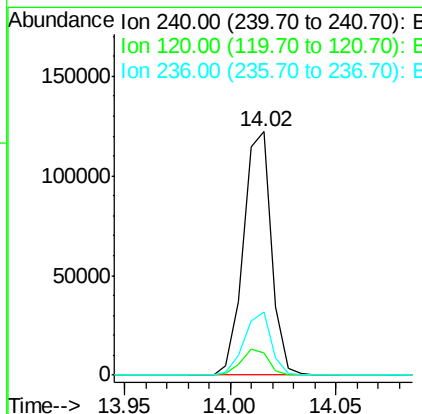
RT: 14.02 min Scan# 2028

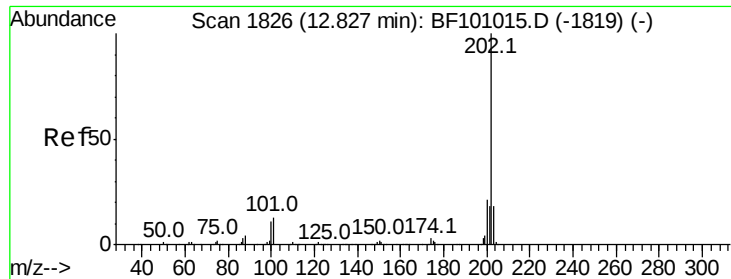
Delta R.T. -0.01 min

Lab File: BF101062.D

Acq: 1 Dec 2017 14:50

Tgt Ion:	240	Resp:	112409
Ion Ratio	Lower	Upper	
240	100		
120	9.1	9.5	14.3#
236	25.9	20.7	31.1





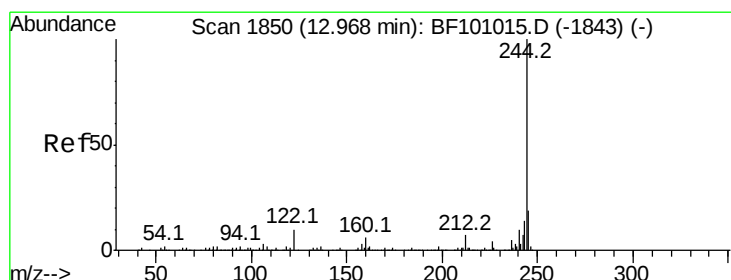
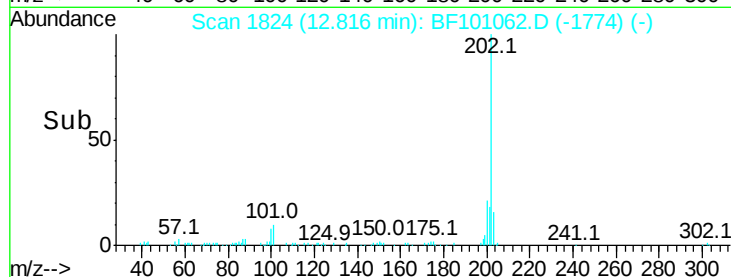
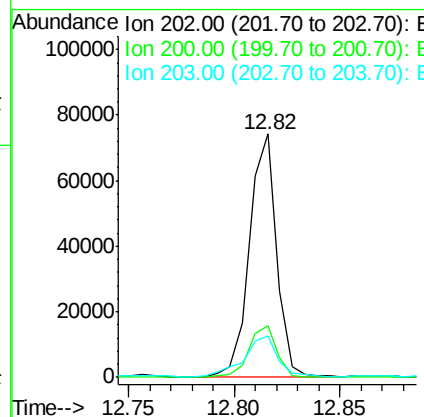
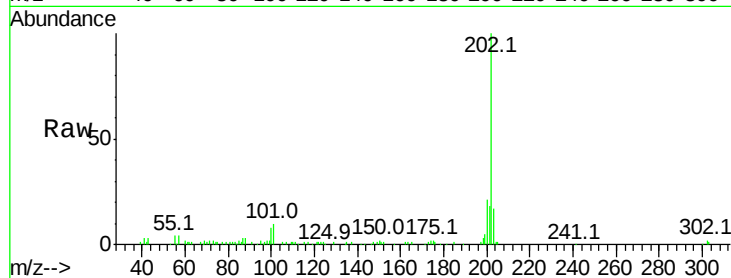
#77
Pvrene
Concen: 8.598 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF101062.D
Acq: 1 Dec 2017 14:50

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.0	17.4	26.2
203	16.9	14.3	21.5

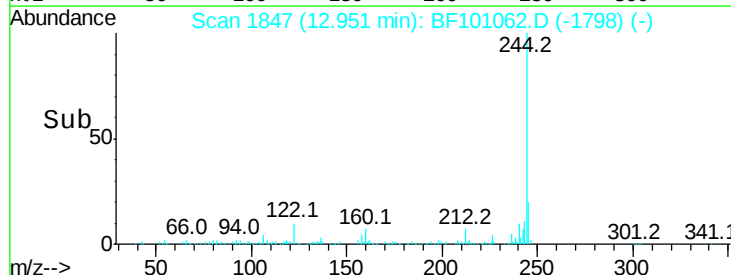
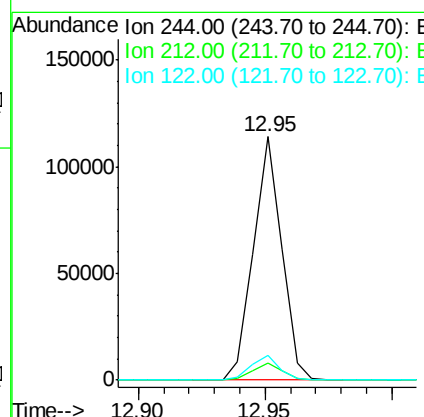
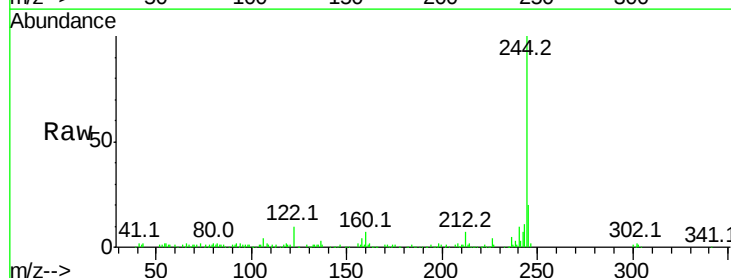
Manual Integrations
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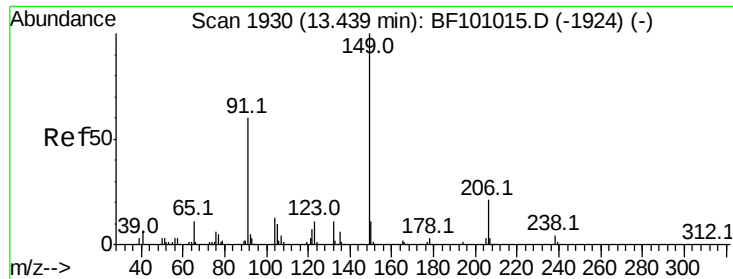
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#78
Terphenyl-d14
Concen: 17.312 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF101062.D
Acq: 1 Dec 2017 14:50

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.1	11.0	16.4#





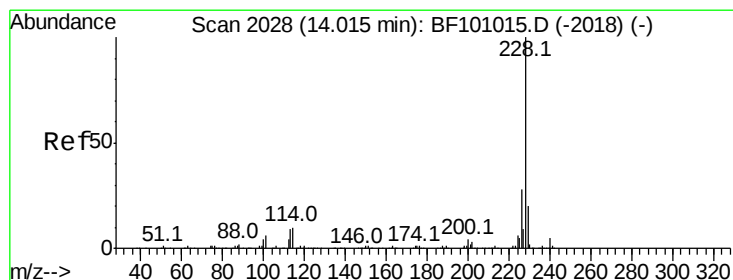
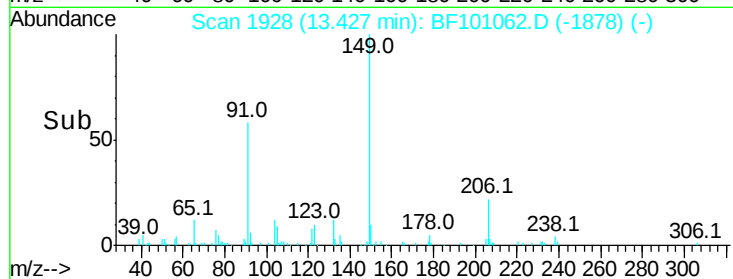
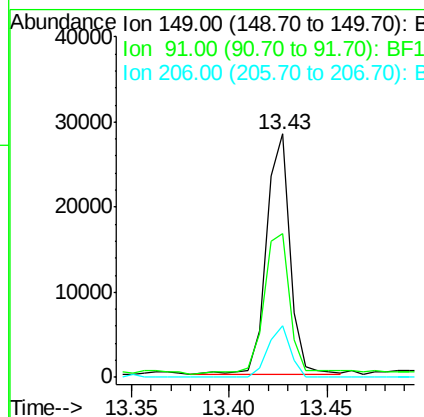
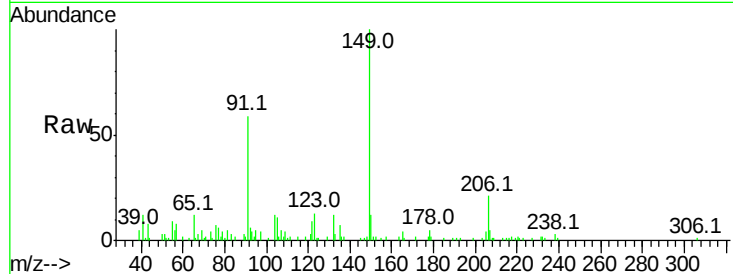
#79
Butylbenzylphthalate
Concen: 6.867 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BF101062.D
Acq: 1 Dec 2017 14:50

Instrument :
BNA_F
ClientSampleId :
SB-3(10-12)-20171127

Tot Ion	Ratio	Resp	Lower	Upper
149	100	23483		
91	58.9		56.8	85.2
206	21.0		14.1	21.1

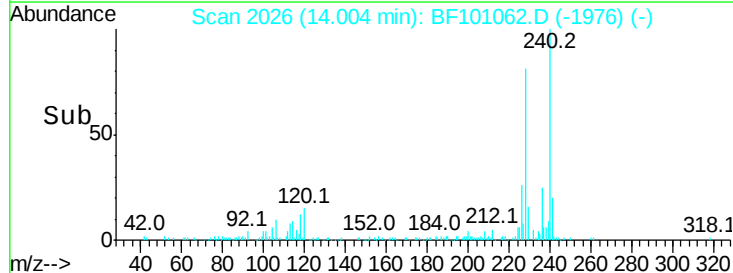
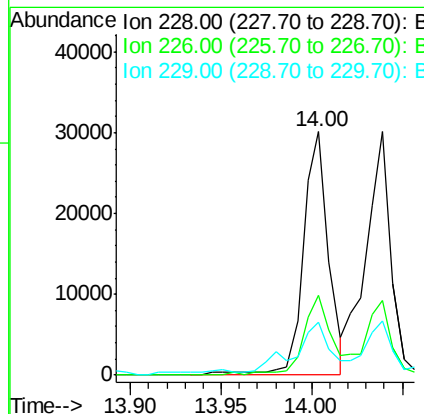
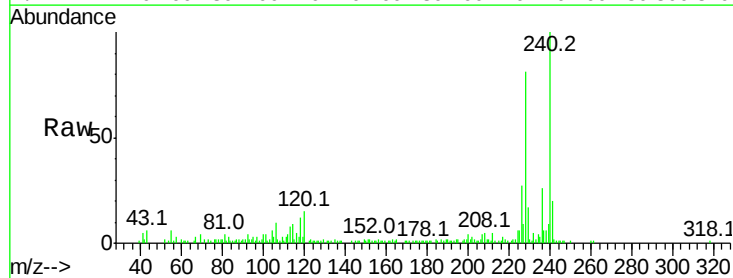
Manual Integrations
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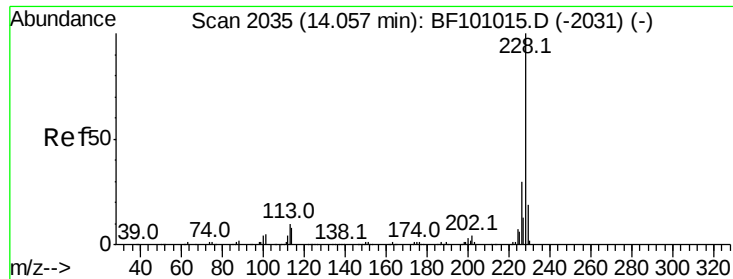
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#80
Benzo(a)anthracene
Concen: 4.150 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF101062.D
Acq: 1 Dec 2017 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	29452		
226	33.0		22.6	33.8
229	21.5		15.8	23.6





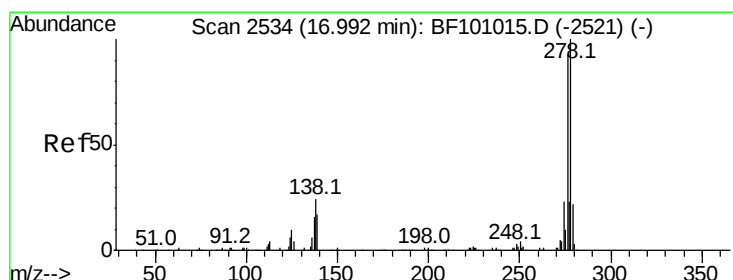
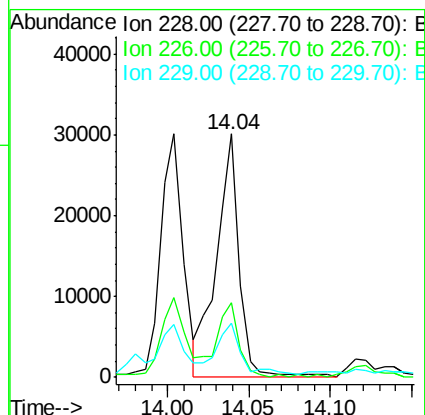
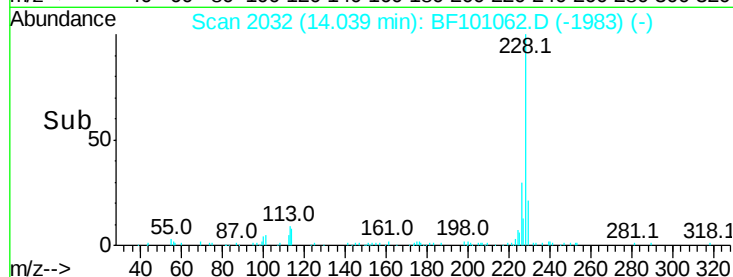
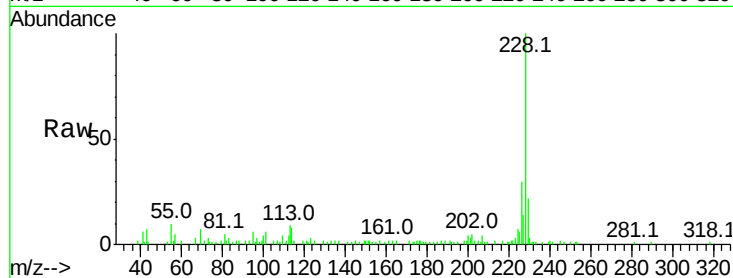
#82
Chrysene
Concen: 4.551 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF101062.D
Acq: 1 Dec 2017 14:50

Instrument :
BNA_F
ClientSampleId :
SB-3(10-12)-20171127

Tot Ion:	228	Resp:	30000
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.6
229	22.4	16.2	24.4

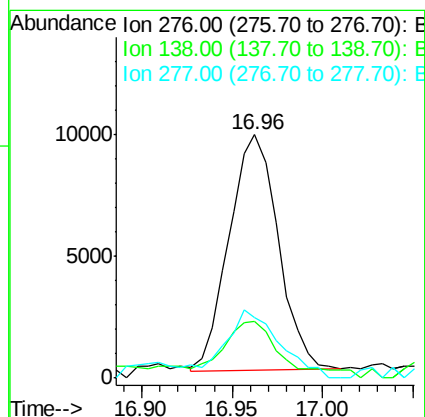
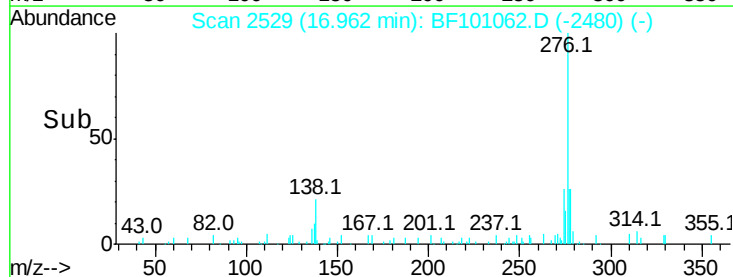
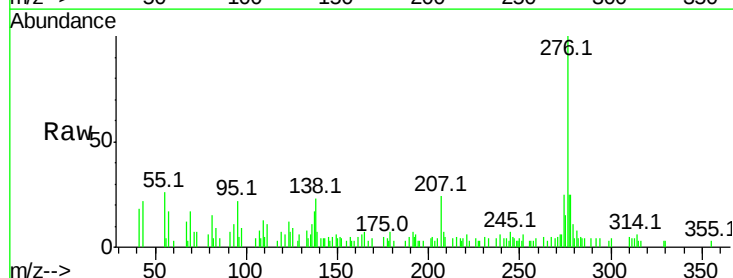
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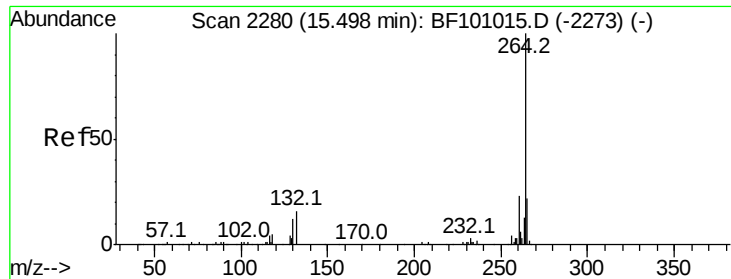
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.121 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF101062.D
Acq: 1 Dec 2017 14:50

Tgt Ion:	276	Resp:	18289
Ion Ratio	Lower	Upper	
276	100		
138	33.3	25.0	37.6
277	32.7	20.1	30.1#





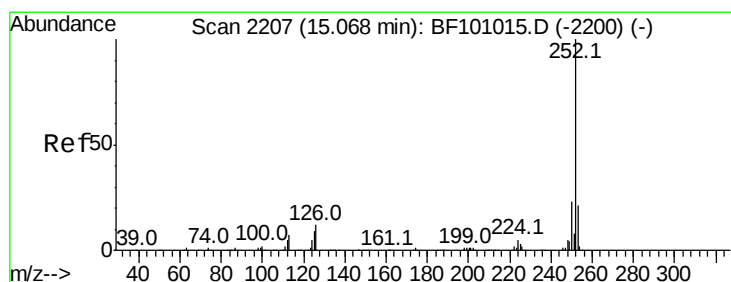
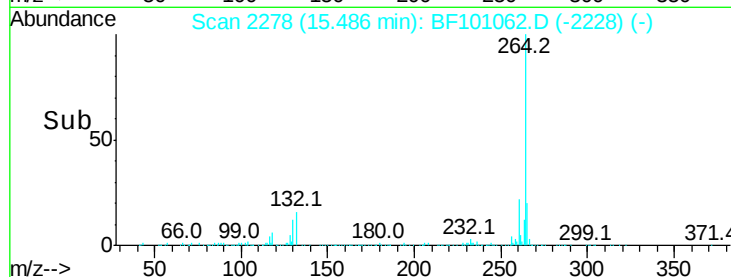
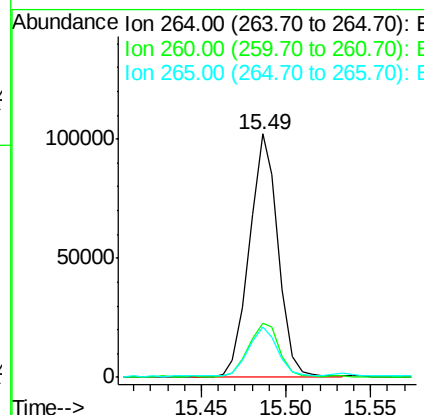
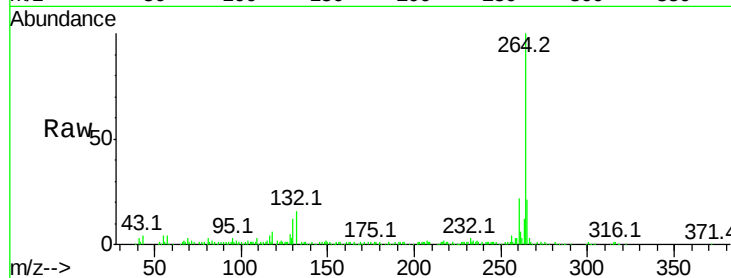
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF101062.D
Acq: 1 Dec 2017 14:50

Instrument :
BNA_F
ClientSampleId :
SB-3(10-12)-20171127

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	20.6	17.5	26.3

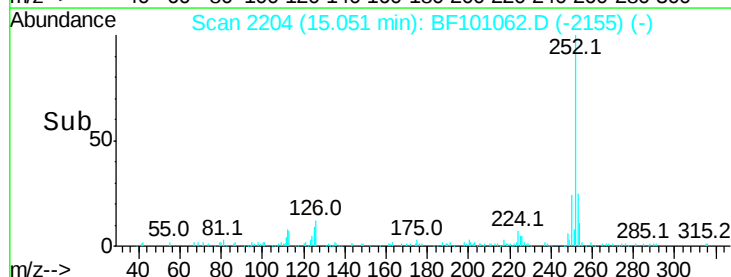
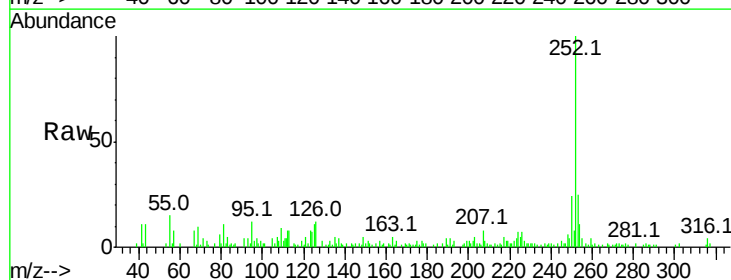
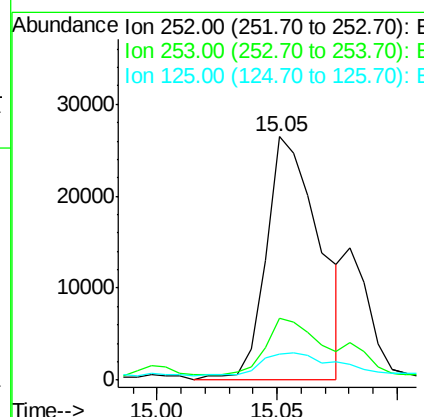
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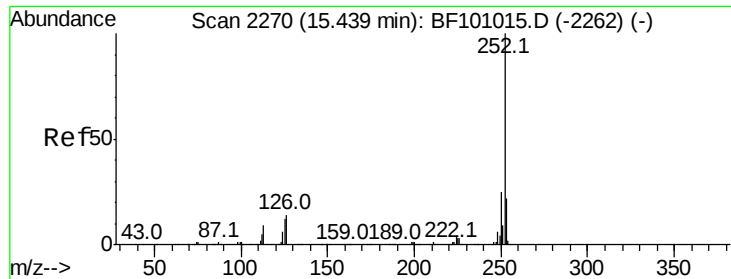
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#87
Benzo(b)fluoranthene
Concen: 5.606 ng m
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF101062.D
Acq: 1 Dec 2017 14:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.0	25.6
125	10.6	9.0	13.6





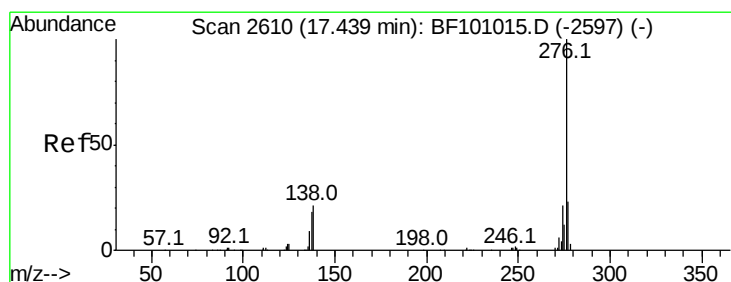
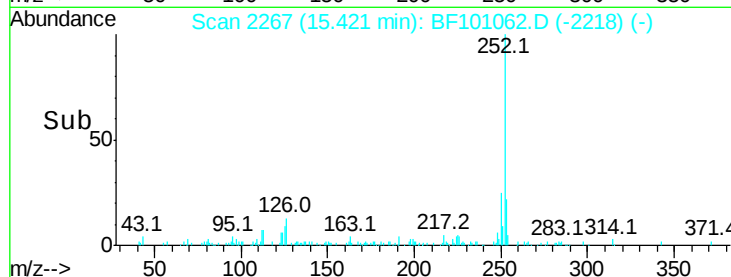
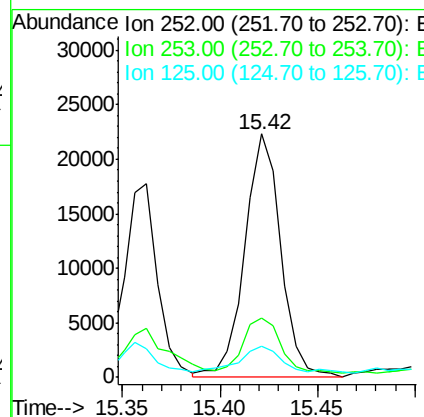
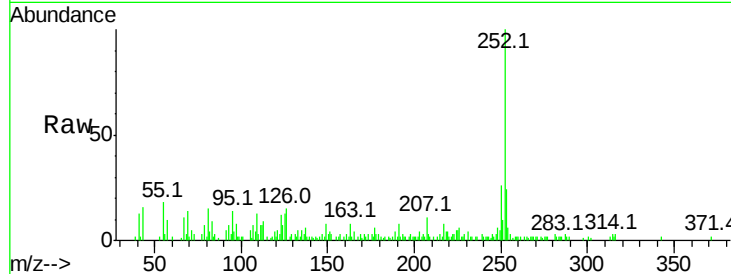
#89
Benzo(a)pyrene
Concen: 4.321 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF101062.D
Acq: 1 Dec 2017 14:50

Instrument :
BNA_F
Client Sample Id :
SB-3(10-12)-20171127

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	12.9	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.026 ng
RT: 17.41 min Scan# 2605
Delta R.T. -0.02 min
Lab File: BF101062.D
Acq: 1 Dec 2017 14:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	22.8	21.8	32.8

