

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
 Data File : BF107368.D
 Acq On : 13 Jul 2018 15:42
 Operator : JU/SJ
 Sample : J3825-03 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-071118-B

Manual Integrations
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 7/16/2018 3:22:23 PM

Quant Time: Jul 13 18:02:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 11:54:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	49924	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	174164	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	78167	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	164942	20.00	ng	0.00
75) Chrysene-d12	14.14	240	174658	20.00	ng	0.00
86) Perylene-d12	15.68	264	120271	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	136313	46.23	ng	0.00
7) Phenol-d6	6.58	99	154959	42.09	ng	0.00
23) Nitrobenzene-d5	7.50	82	91242	29.11	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	39633	43.75	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	175737	28.20	ng	0.00
78) Terphenyl-d14	13.05	244	246298	34.16	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.68	163	24257	4.138	ng	97
70) Phenanthrene	11.50	178	41088	5.165	ng	97
74) Fluoranthene	12.69	202	72017	8.213	ng	96
77) Pyrene	12.93	202	84492	7.336	ng	97
80) Benzo(a)anthracene	14.12	228	41891	3.935	ng	94
82) Chrysene	14.16	228	36574	3.735	ng	97
87) Benzo(b)fluoranthene	15.22	252	33822m	4.527	ng	
89) Benzo(a)pyrene	15.61	252	24220	3.647	ng	# 87
91) Benzo(g,h,i)perylene	17.77	276	17457	3.173	ng	# 91

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

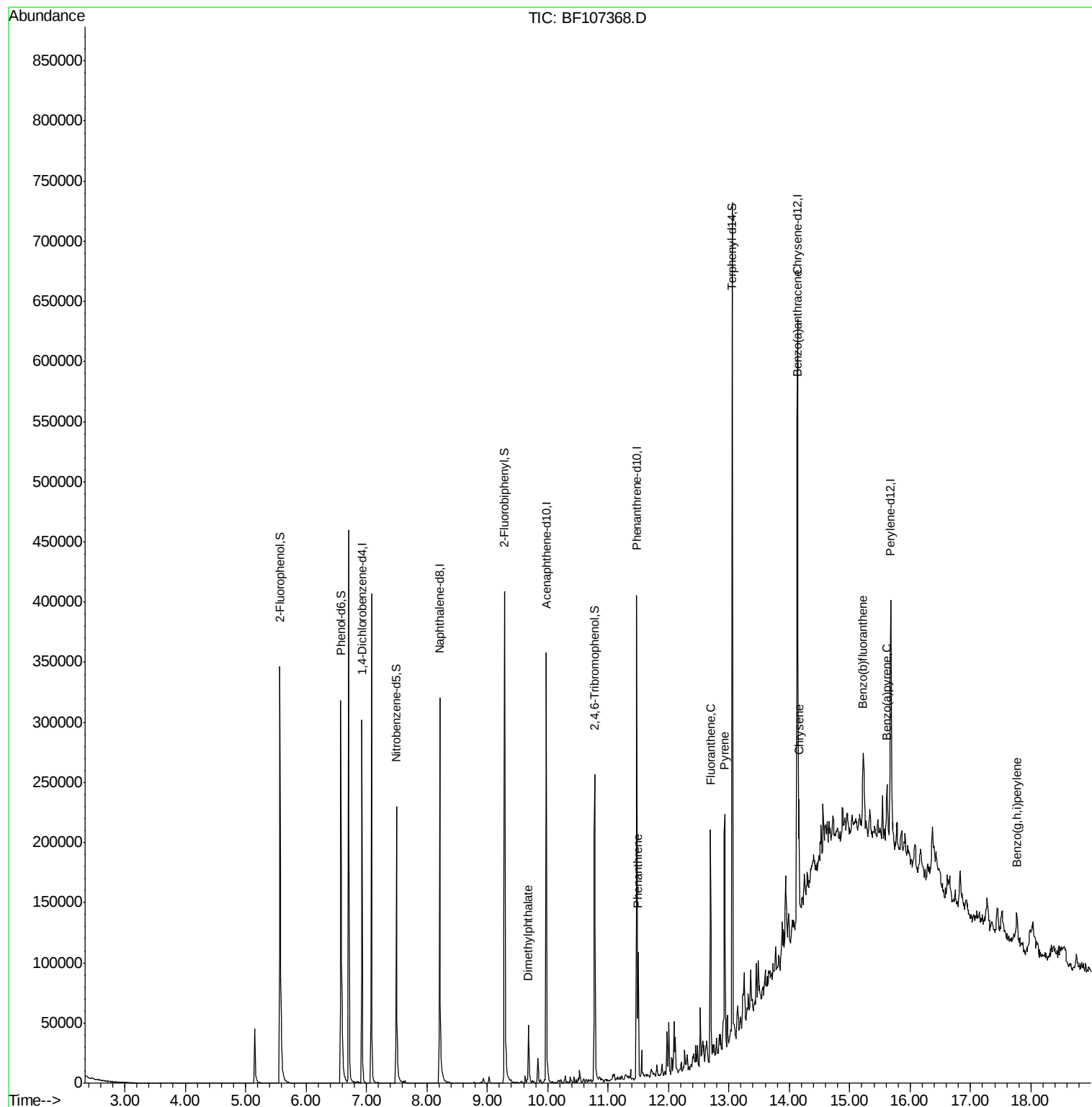
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107368.D
Acq On : 13 Jul 2018 15:42
Operator : JU/SJ
Sample : J3825-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

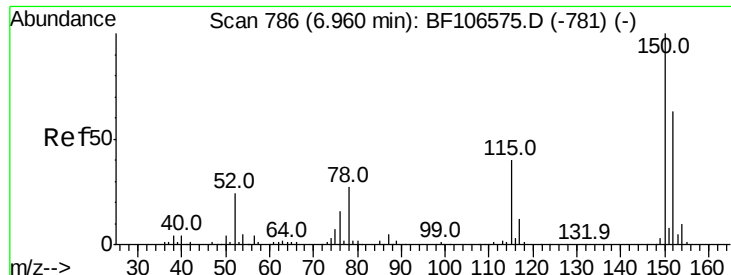
Instrument :
BNA_F
ClientSampleId :
CL-02-071118-B

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#1

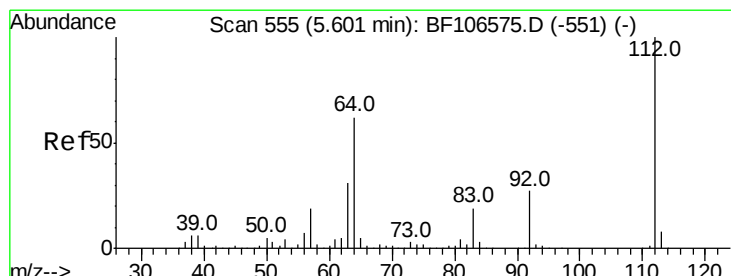
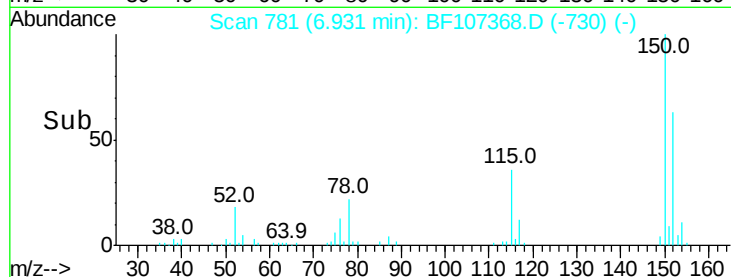
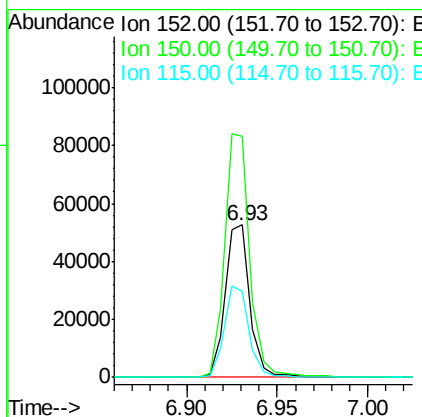
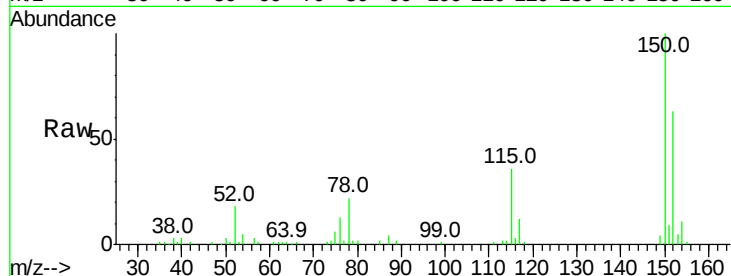
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF107368.D
Acq: 13 Jul 2018 15:42

Instrument :
BNA_F
ClientSampleId :
CL-02-071118-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	56.8	50.1	75.1

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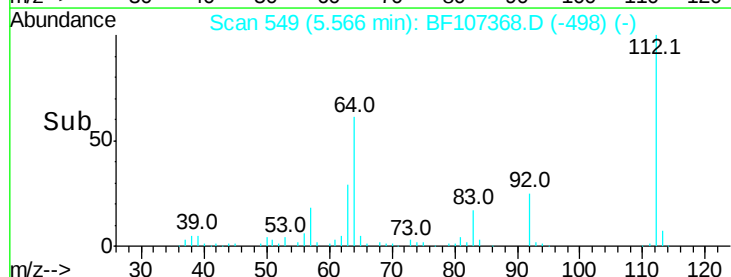
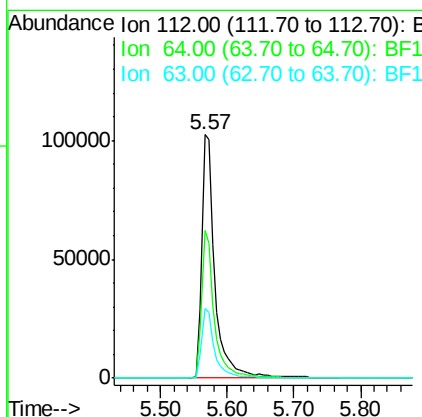
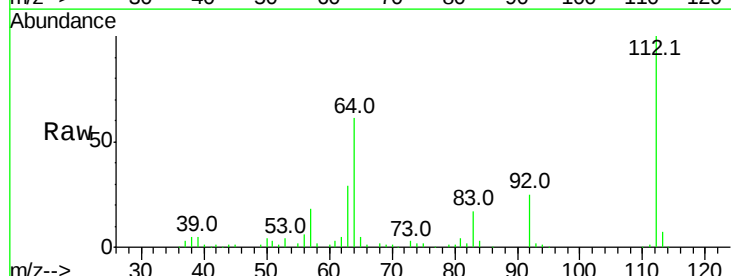
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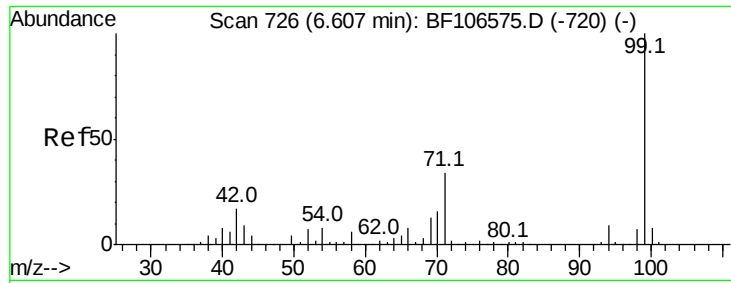


#5

2-Fluorophenol
Concen: 46.235 ng
RT: 5.57 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF107368.D
Acq: 13 Jul 2018 15:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	28.7	23.7	35.5





#7

Phenol-d6

Concen: 42.087 ng

RT: 6.58 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF107368.D

Acq: 13 Jul 2018 15:42

Instrument :

BNA_F

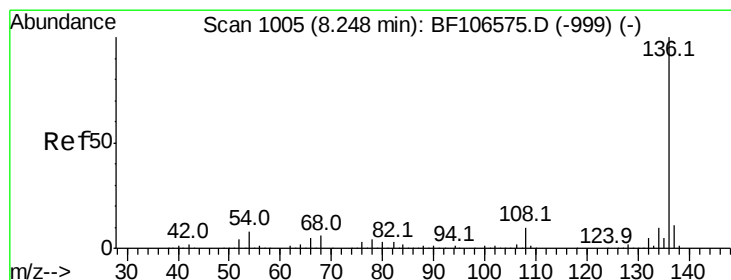
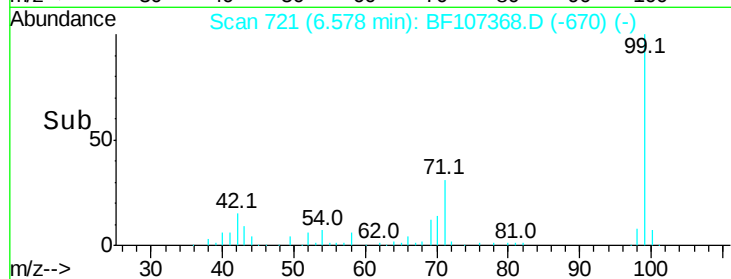
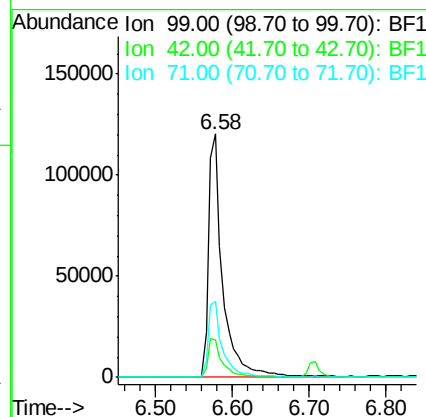
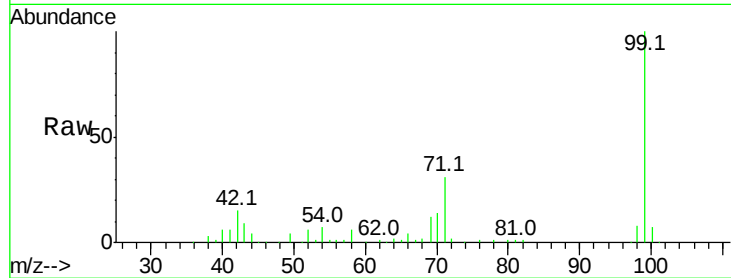
ClientSampleId :

CL-02-071118-B

Tot Ion:	99	Resp:	154959
Ion Ratio	Lower	Upper	
99	100		
42	15.3	14.5	21.7
71	31.3	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

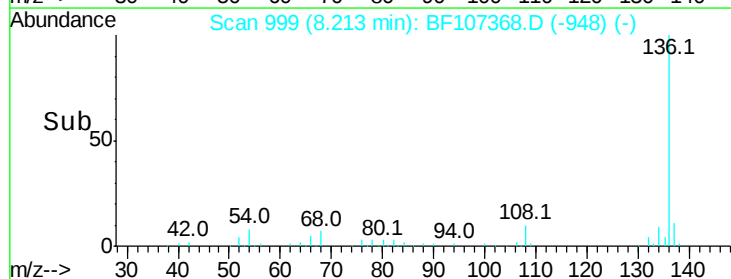
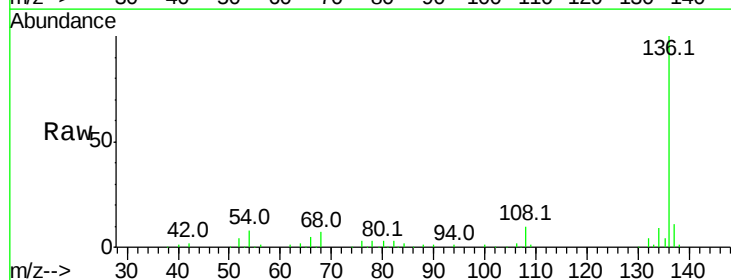
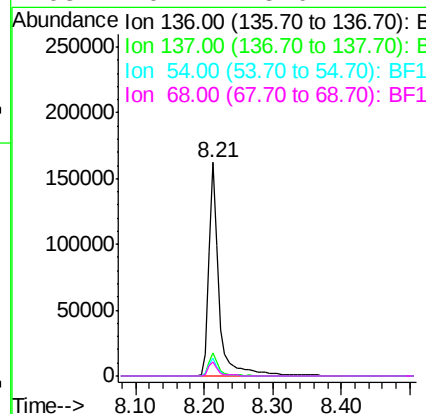
RT: 8.21 min Scan# 999

Delta R.T. -0.00 min

Lab File: BF107368.D

Acq: 13 Jul 2018 15:42

Tgt Ion:	136	Resp:	174164
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	8.4	6.6	9.8
68	6.7	5.0	7.4





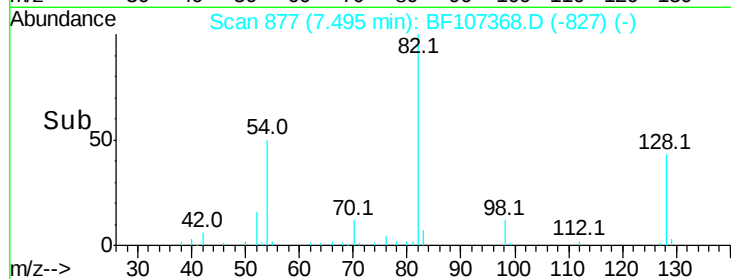
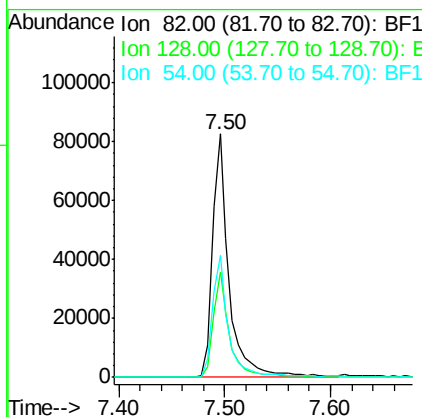
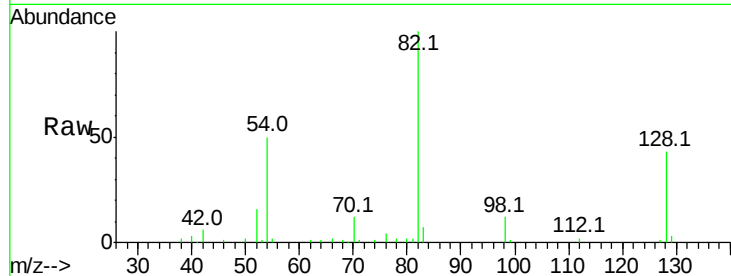
#23
 Nitrobenzene-d5
 Concen: 29.114 ng
 RT: 7.50 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF107368.D
 Acq: 13 Jul 2018 15:42

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-071118-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	49.9	41.4	62.2

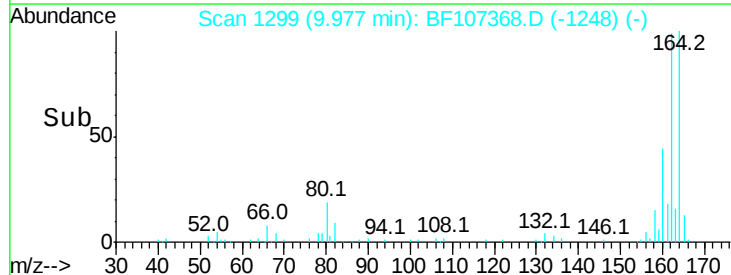
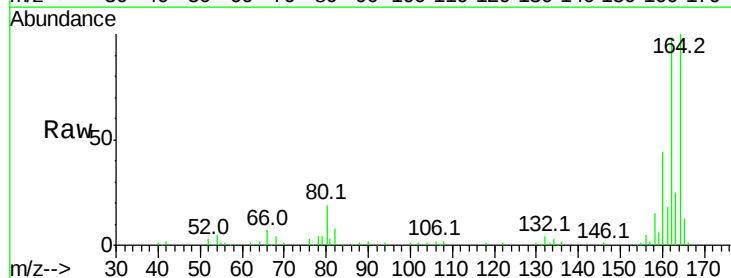
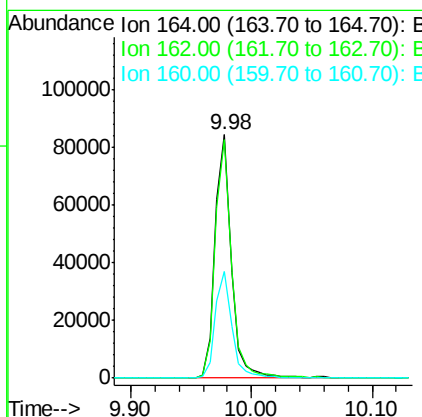
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BF107368.D
 Acq: 13 Jul 2018 15:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.7	86.1	129.1
160	43.7	38.3	57.5





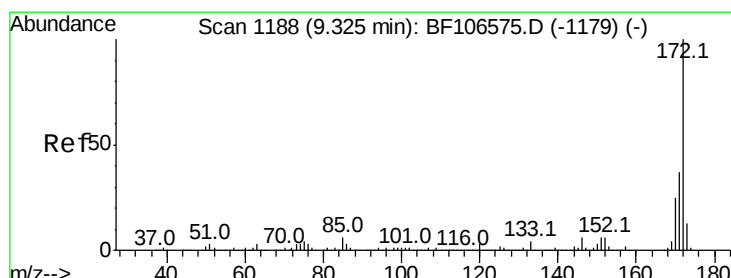
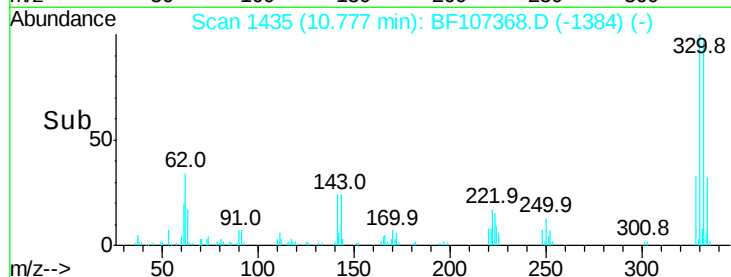
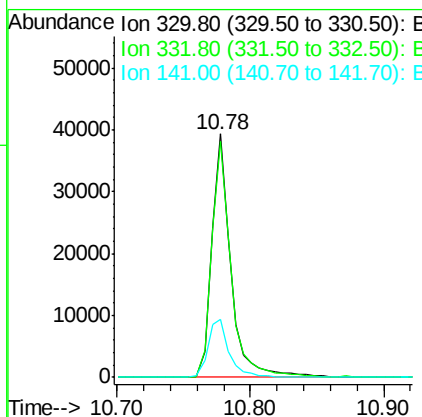
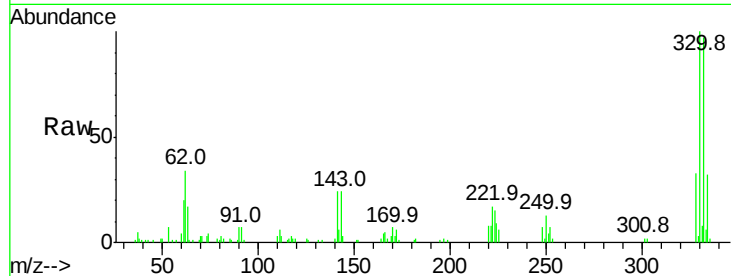
#41
 2,4,6-Tribromophenol
 Concen: 43.746 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BF107368.D
 Acq: 13 Jul 2018 15:42

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-071118-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.9	77.0	115.6	
141	26.0	29.9	44.9	

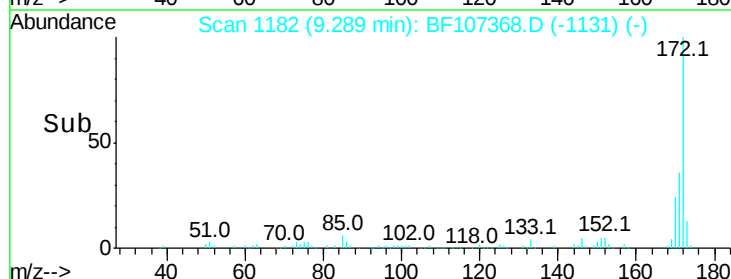
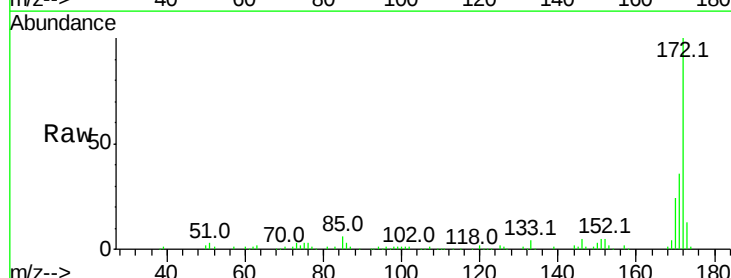
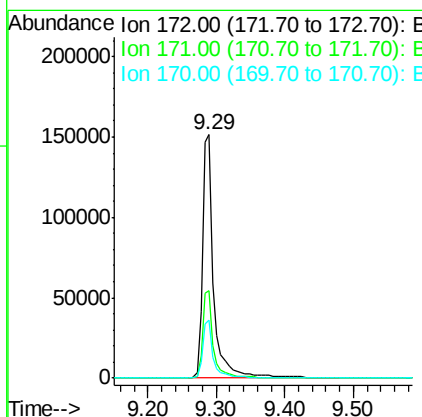
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 28.196 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF107368.D
 Acq: 13 Jul 2018 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.8	29.7	44.5	
170	24.0	19.6	29.4	





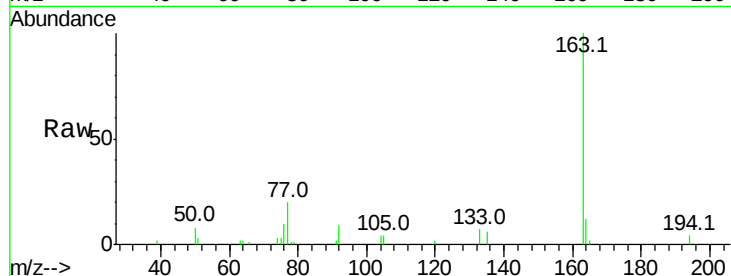
#49
Dimethylphthalate
Concen: 4.138 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF107368.D
Acq: 13 Jul 2018 15:42

Instrument :
BNA_F
ClientSampleId :
CL-02-071118-B

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	11.5	8.2	12.2

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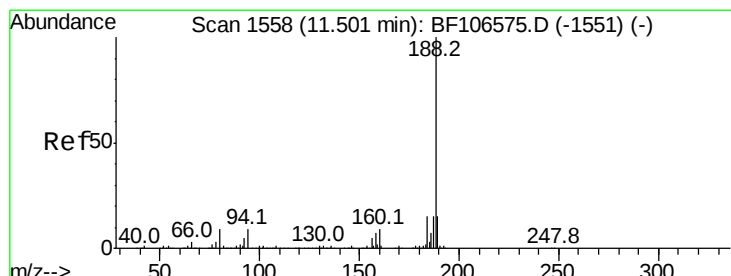
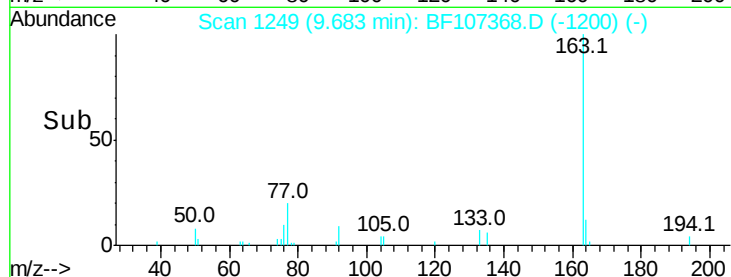
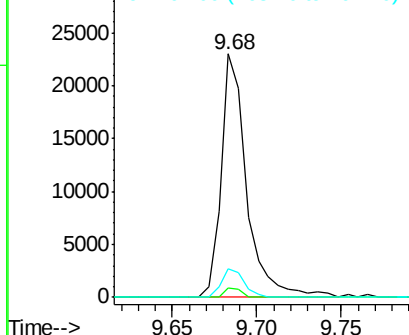


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF107368.D
Acq: 13 Jul 2018 15:42

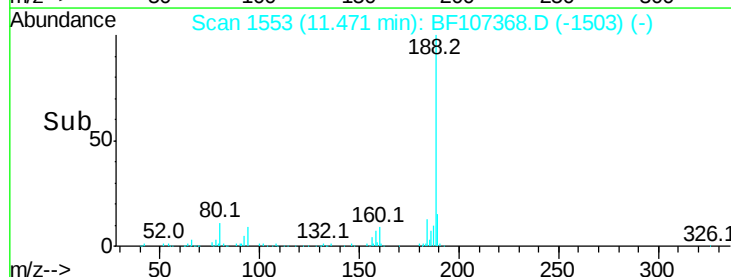
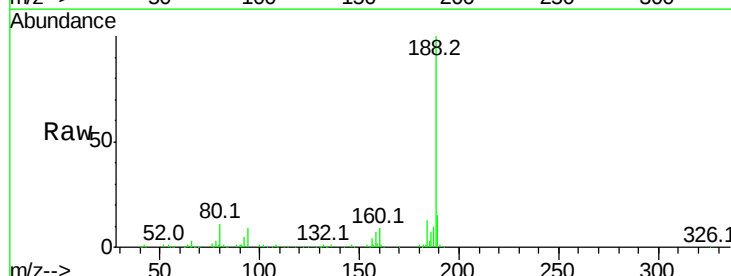
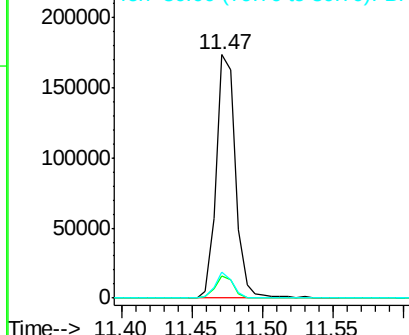
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.8	9.2	13.8

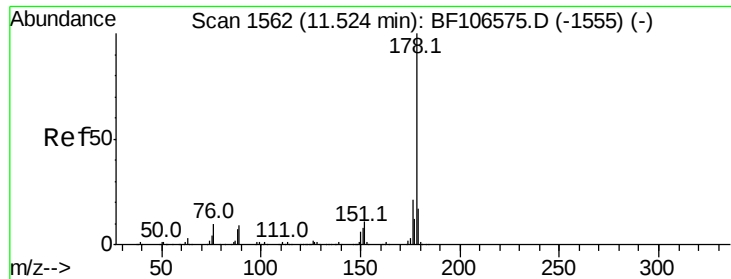
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





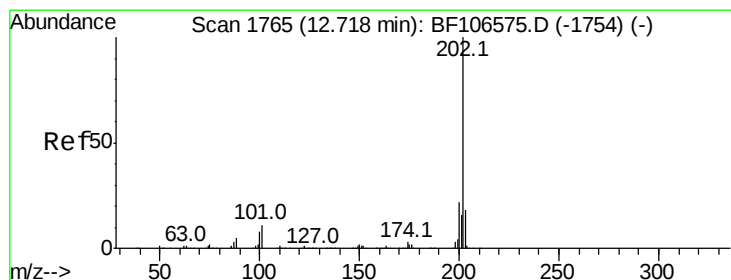
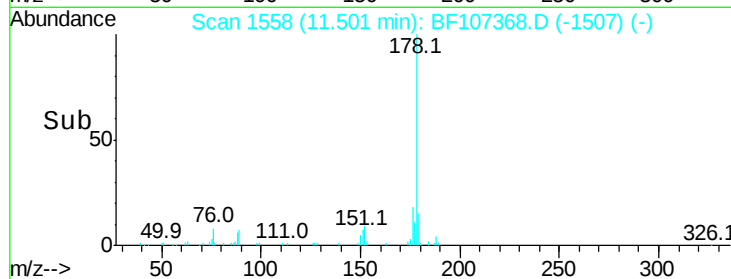
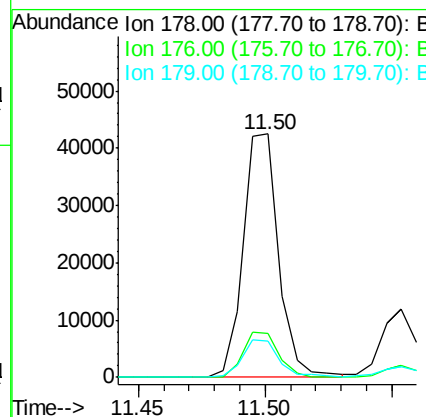
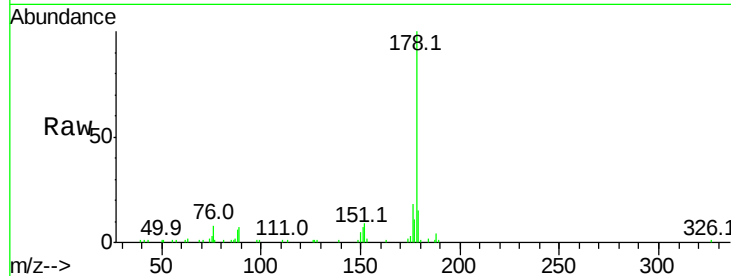
#70
Phenanthrene
Concen: 5.165 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF107368.D
Acq: 13 Jul 2018 15:42

Instrument :
BNA_F
ClientSampleId :
CL-02-071118-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.0	13.0	19.6

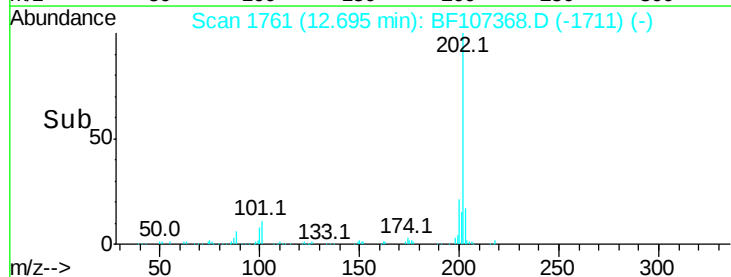
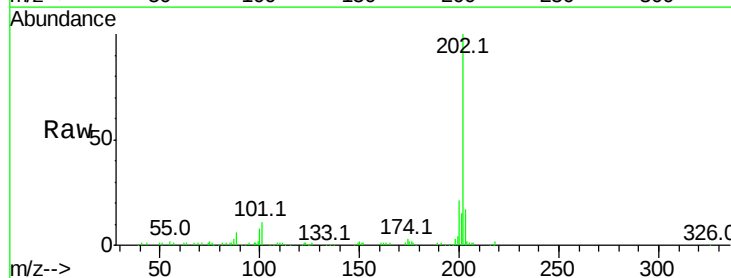
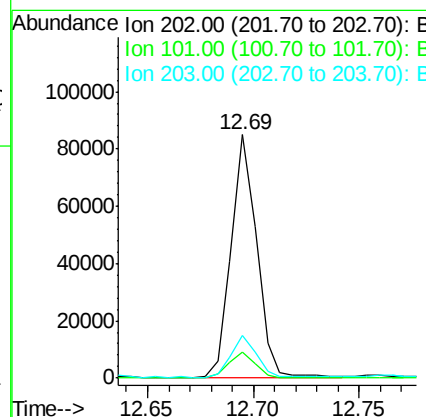
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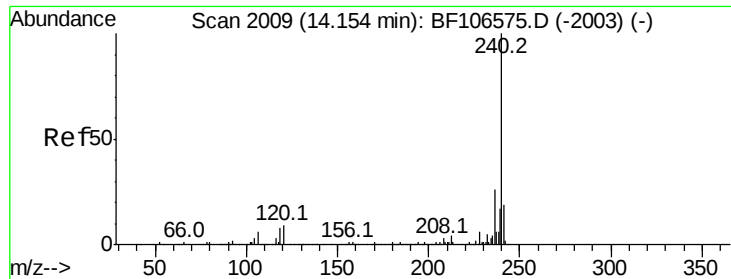
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#74
Fluoranthene
Concen: 8.213 ng
RT: 12.69 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF107368.D
Acq: 13 Jul 2018 15:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	34.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF107368.D

Acq: 13 Jul 2018 15:42

Instrument :

BNA_F

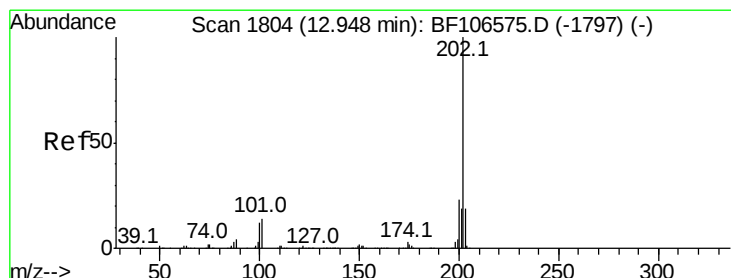
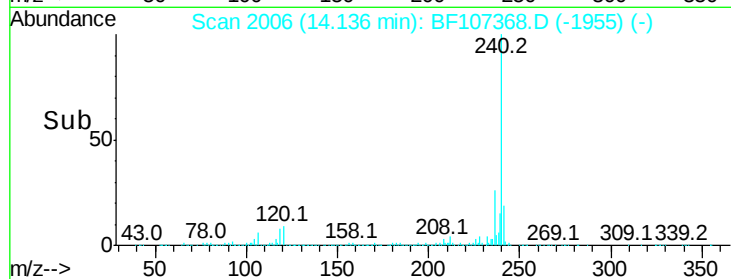
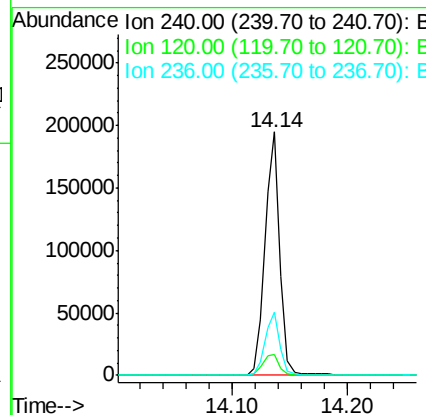
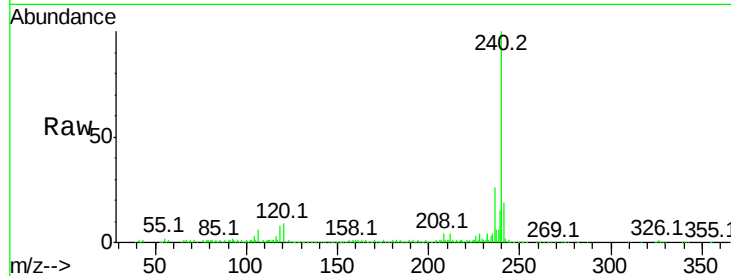
ClientSampleId :

CL-02-071118-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	25.7	20.7	31.1

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#77

Pyrene

Concen: 7.336 ng

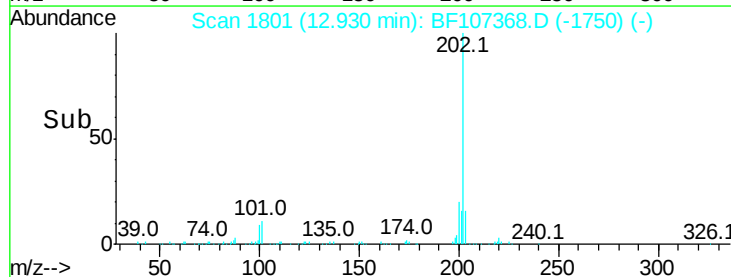
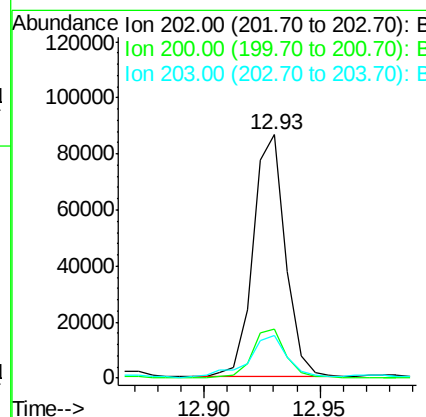
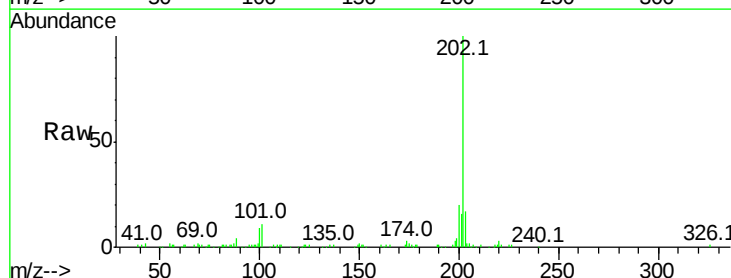
RT: 12.93 min Scan# 1801

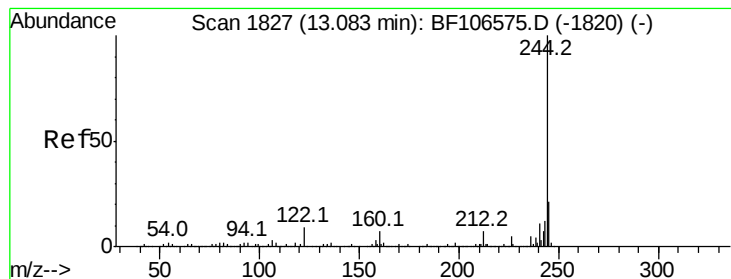
Delta R.T. -0.00 min

Lab File: BF107368.D

Acq: 13 Jul 2018 15:42

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.4	26.2
203	17.4	14.3	21.5





#78

Terphenyl-d14

Concen: 34.159 ng

RT: 13.05 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF107368.D

Acq: 13 Jul 2018 15:42

Instrument :

BNA_F

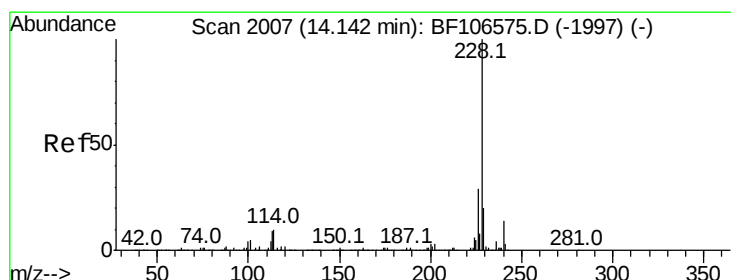
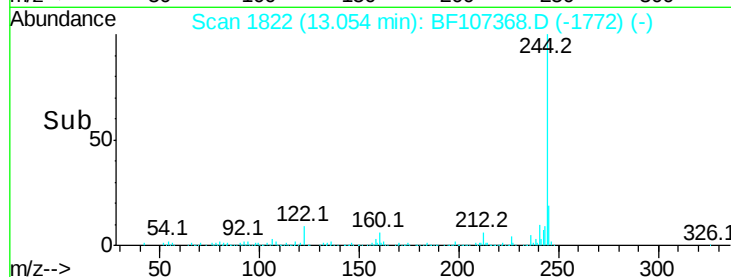
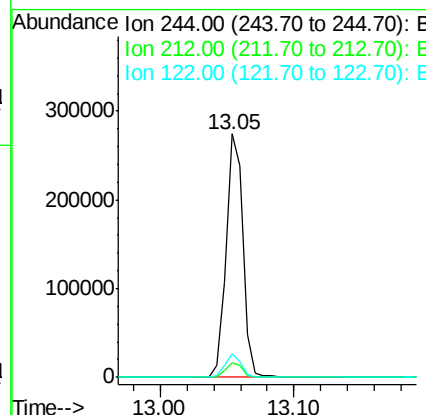
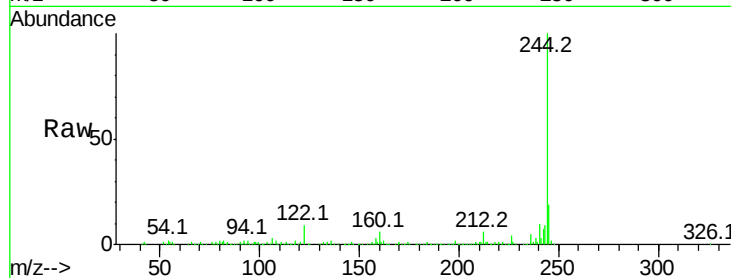
ClientSampleId :

CL-02-071118-B

Tot Ion:	244	Resp:	246298
Ion Ratio	Lower	Upper	
244	100		
212	6.2	5.4	8.0
122	9.5	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 3.935 ng

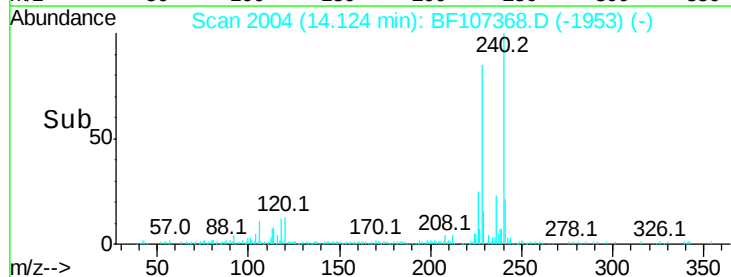
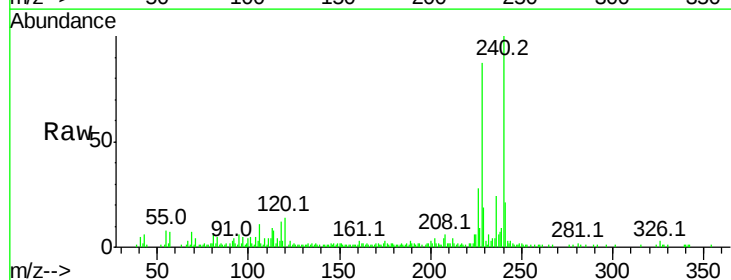
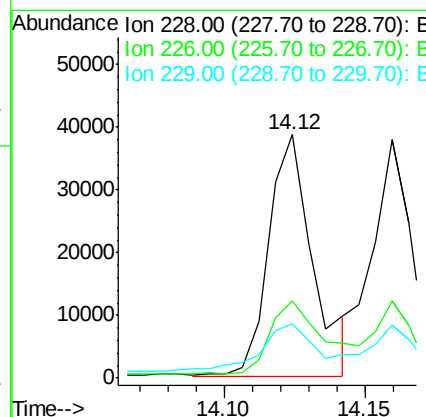
RT: 14.12 min Scan# 2004

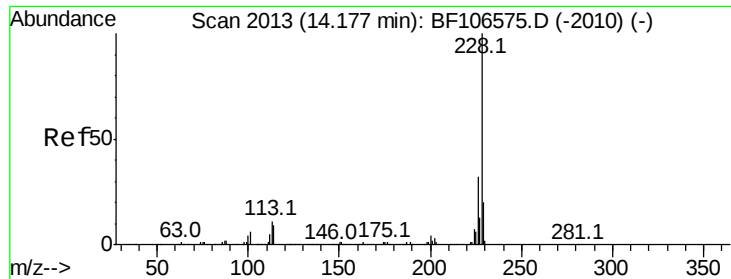
Delta R.T. -0.00 min

Lab File: BF107368.D

Acq: 13 Jul 2018 15:42

Tgt Ion:	228	Resp:	41891
Ion Ratio	Lower	Upper	
228	100		
226	31.8	22.6	33.8
229	22.4	15.8	23.6





#82

Chrysene

Concen: 3.735 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF107368.D

Acq: 13 Jul 2018 15:42

Instrument :

BNA_F

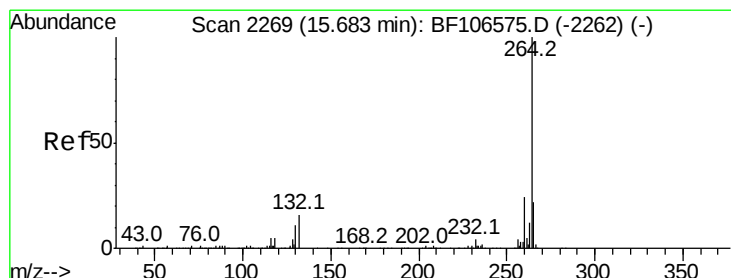
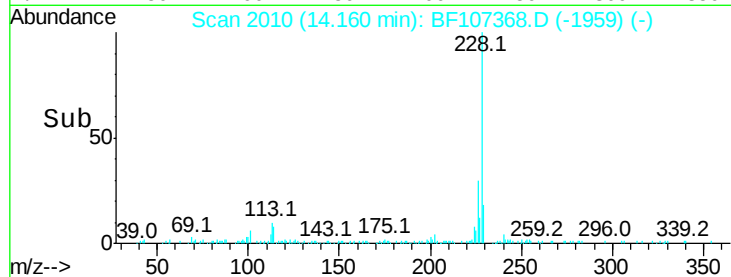
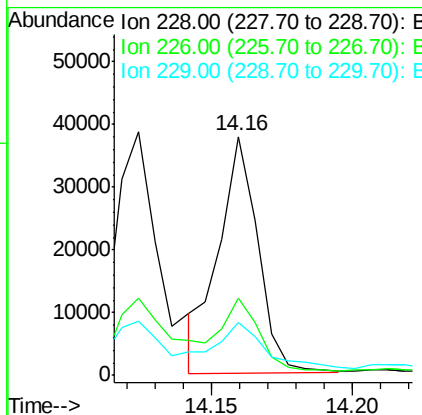
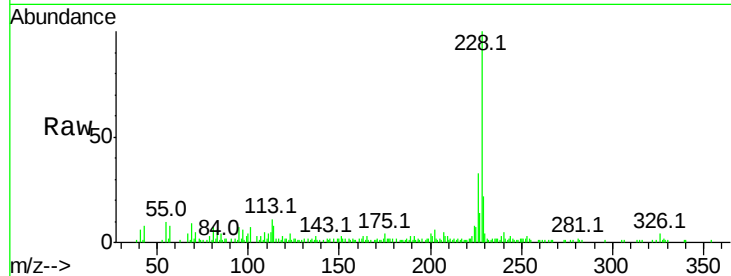
ClientSampleId :

CL-02-071118-B

Tot Ion:	228	Resp:	36574
Ion Ratio	Lower	Upper	
228	100		
226	32.6	25.0	37.6
229	22.4	16.2	24.4

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#86

Perylene-d12

Concen: 20.000 ng

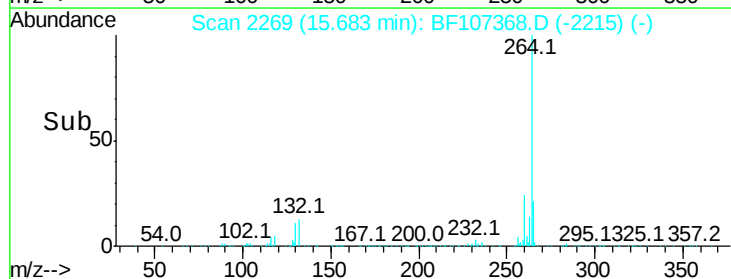
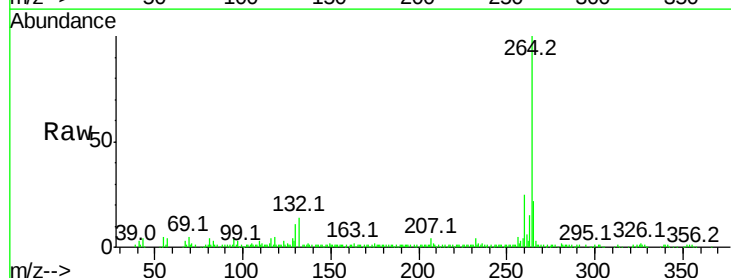
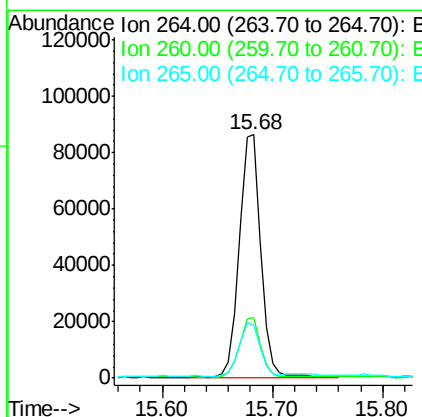
RT: 15.68 min Scan# 2269

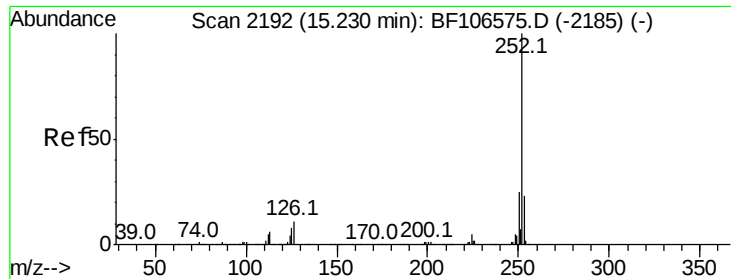
Delta R.T. 0.02 min

Lab File: BF107368.D

Acq: 13 Jul 2018 15:42

Tgt Ion:	264	Resp:	120271
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.2	28.8
265	21.9	17.5	26.3





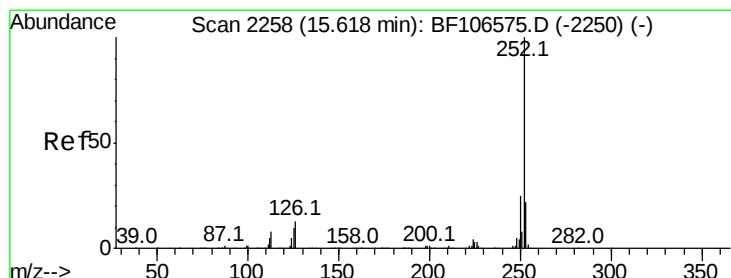
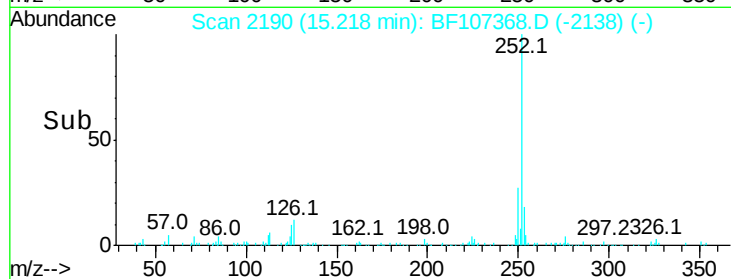
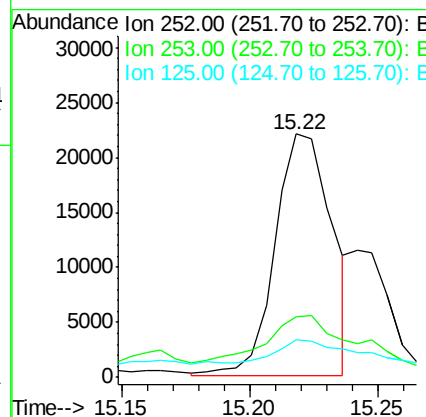
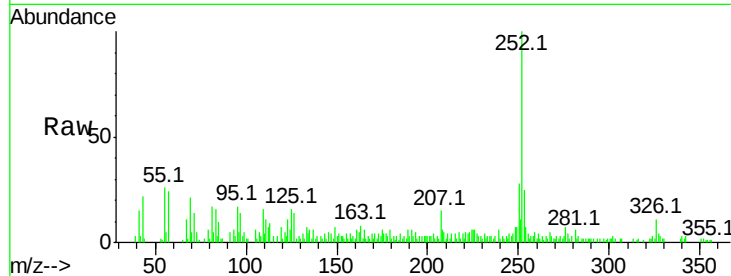
#87
Benzo(b)fluoranthene
Concen: 4.527 ng
RT: 15.22 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BF107368.D
Acq: 13 Jul 2018 15:42

Instrument :
BNA_F
ClientSampleId :
CL-02-071118-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.0	25.6
125	15.7	9.0	13.6#

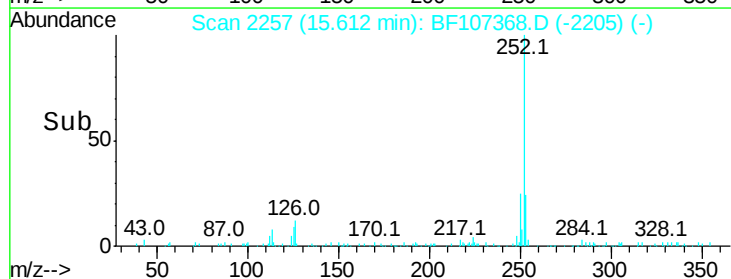
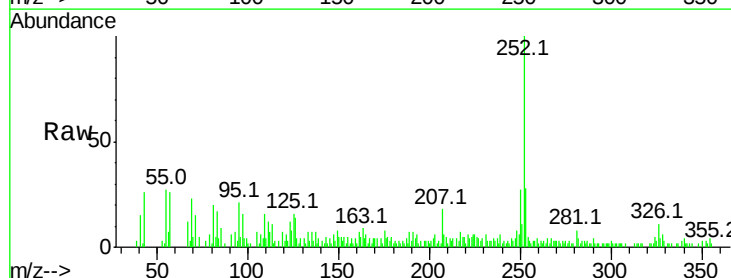
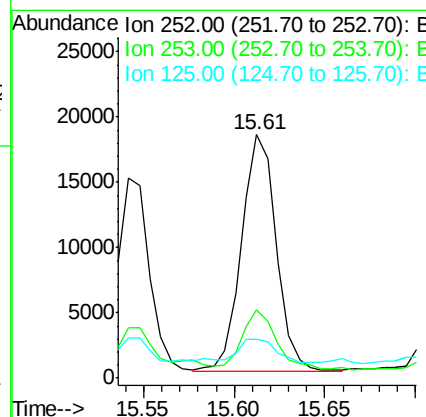
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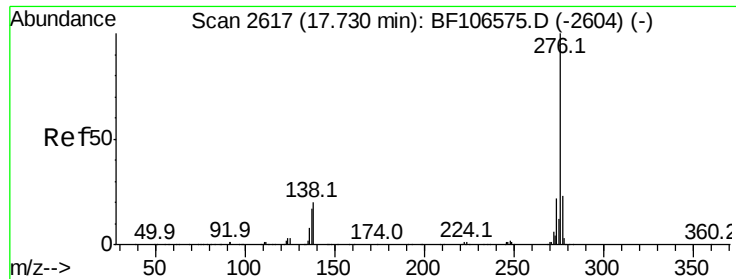
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#89
Benzo(a)pyrene
Concen: 3.647 ng
RT: 15.61 min Scan# 2257
Delta R.T. 0.01 min
Lab File: BF107368.D
Acq: 13 Jul 2018 15:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.1	25.7#
125	16.0	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 3.173 ng
 RT: 17.77 min Scan# 2623
 Delta R.T. 0.02 min
 Lab File: BF107368.D
 Acq: 13 Jul 2018 15:42

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-071118-B

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.7	17.9	26.9#
138	29.5	21.8	32.8

Manual Integrations
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