

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
 Data File : BF107367.D
 Acq On : 13 Jul 2018 15:16
 Operator : JU/SJ
 Sample : J3825-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jul 13 15:56:46 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	6.92	152	49969	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	174891	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	78335	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	165213	20.00	ng	0.00
75) Chrysene-d12	14.14	240	180270	20.00	ng	0.00
86) Perylene-d12	15.68	264	130847	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	162430	55.04	ng	0.00
7) Phenol-d6	6.57	99	185965	50.46	ng	0.00
23) Nitrobenzene-d5	7.50	82	110659	35.16	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	48560	53.48	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	207934	36.52	ng	0.00
78) Terphenyl-d14	13.05	244	291713	39.20	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.68	163	30672	5.221	ng	Qvalue 100
70) Phenanthrene	11.50	178	23824	2.990	ng	99
74) Fluoranthene	12.70	202	53407	6.081	ng	96
77) Pyrene	12.93	202	57299	4.820	ng	98
80) Benzo(a)anthracene	14.12	228	29907m	2.722	ng	
82) Chrysene	14.16	228	32380	3.203	ng	96
87) Benzo(b)fluoranthene	15.22	252	34774m	4.278	ng	
89) Benzo(a)pyrene	15.61	252	21969	3.040	ng	# 89
91) Benzo(g,h,i)perylene	17.76	276	13338	2.228	ng	# 88

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

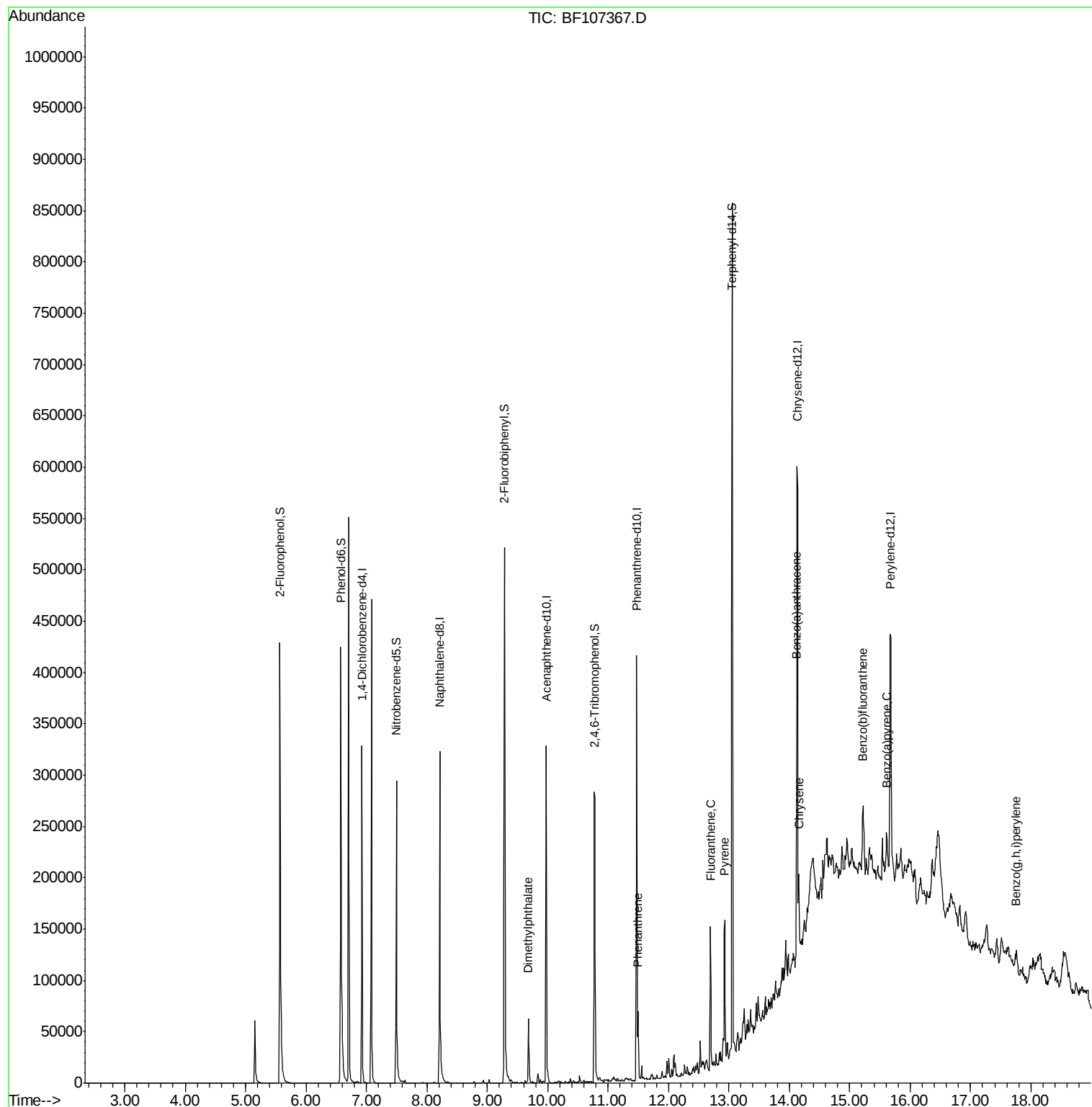
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107367.D
Acq On : 13 Jul 2018 15:16
Operator : JU/SJ
Sample : J3825-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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#1

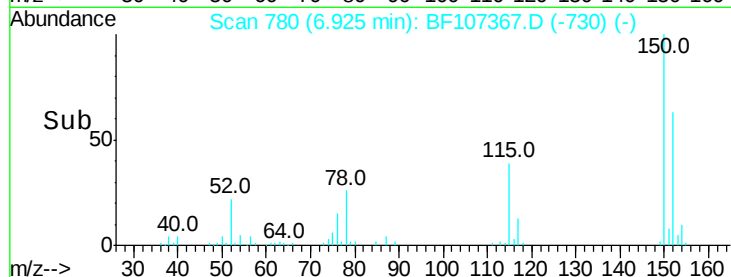
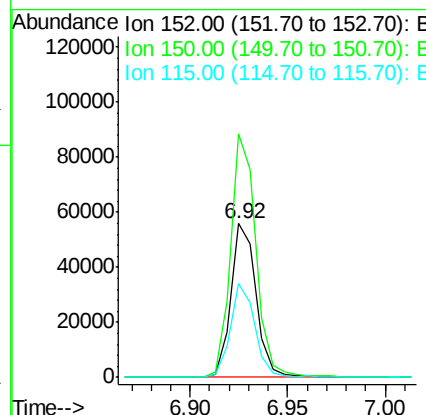
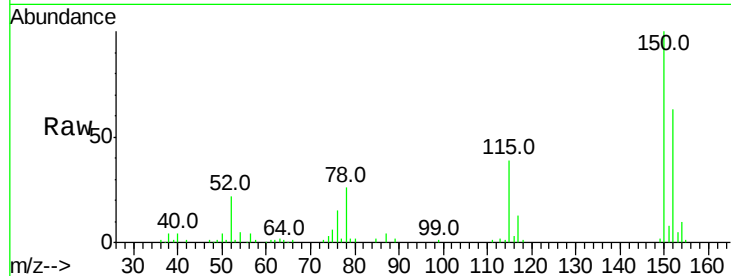
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF107367.D
Acq: 13 Jul 2018 15:16

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	61.0	50.1	75.1

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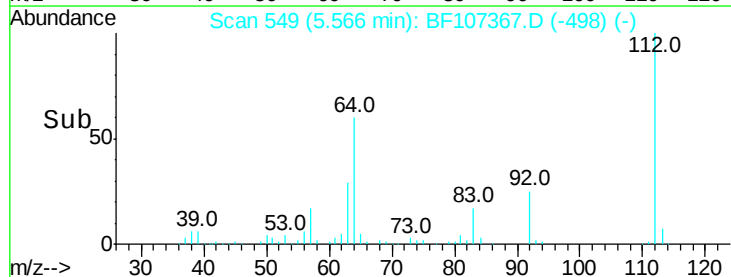
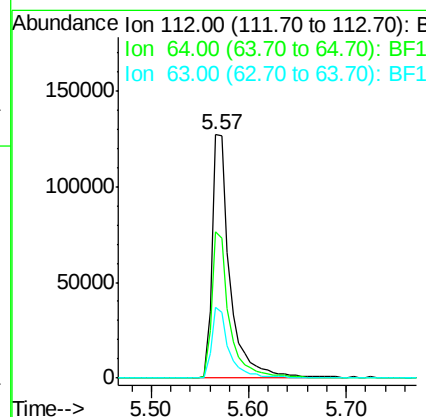
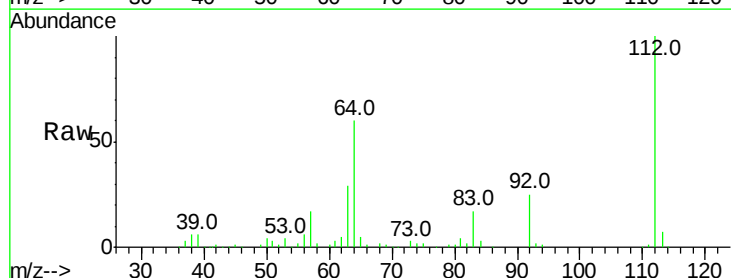
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#5

2-Fluorophenol
Concen: 55.043 ng
RT: 5.57 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF107367.D
Acq: 13 Jul 2018 15:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	28.8	23.7	35.5





#7

Phenol-d6

Concen: 50.463 ng

RT: 6.57 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF107367.D

Acq: 13 Jul 2018 15:16

Instrument :

BNA_F

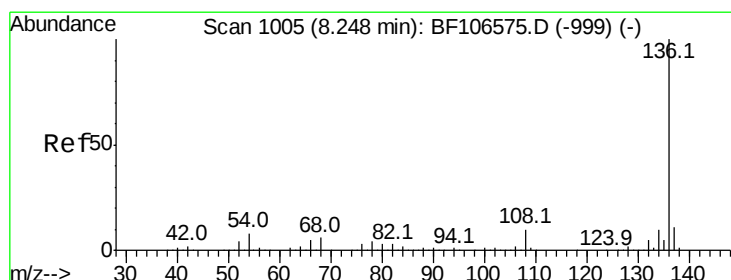
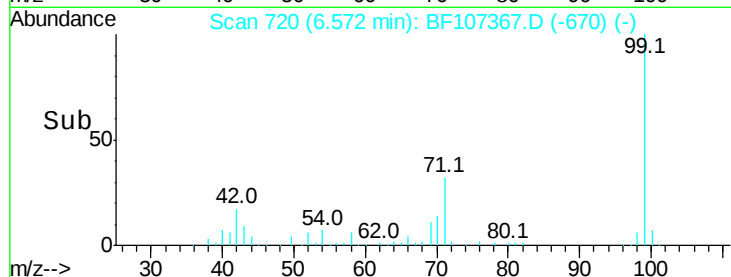
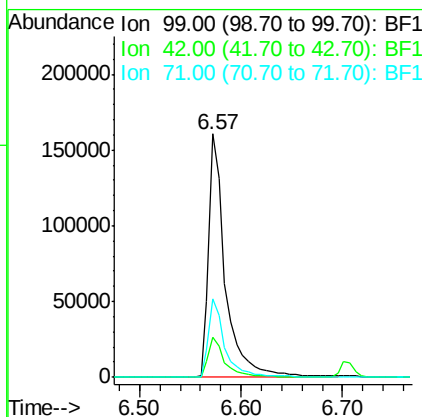
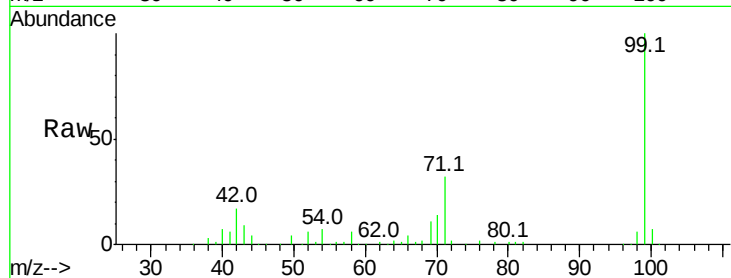
ClientSampleId :

CL-02-071118-A

Tot Ion:	99	Resp:	185965
Ion Ratio	Lower	Upper	
99	100		
42	16.6	14.5	21.7
71	32.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

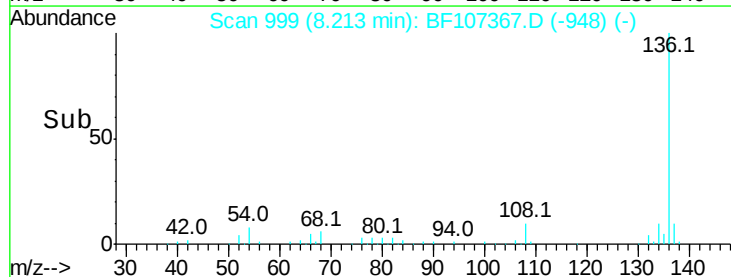
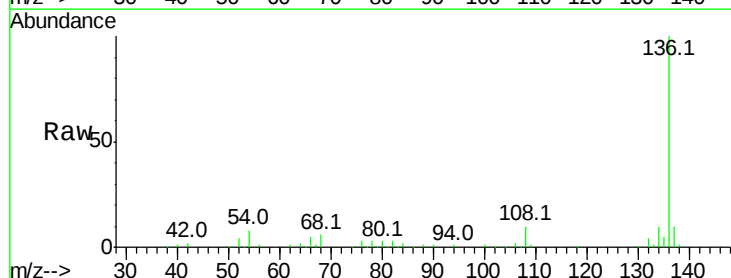
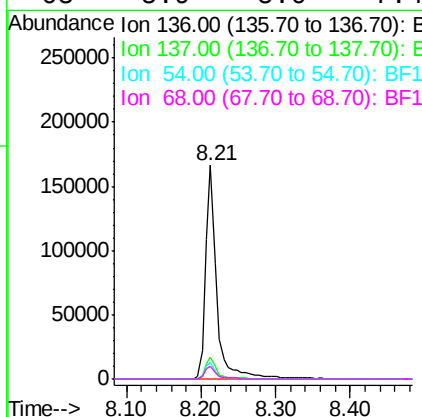
RT: 8.21 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF107367.D

Acq: 13 Jul 2018 15:16

Tgt Ion:	136	Resp:	174891
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.9	13.3
54	7.7	6.6	9.8
68	5.9	5.0	7.4





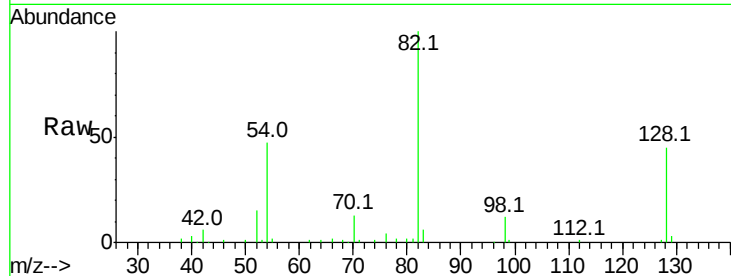
#23
 Nitrobenzene-d5
 Concen: 35.163 ng
 RT: 7.50 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF107367.D
 Acq: 13 Jul 2018 15:16

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

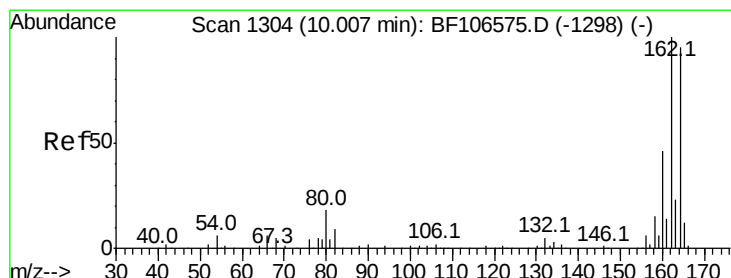
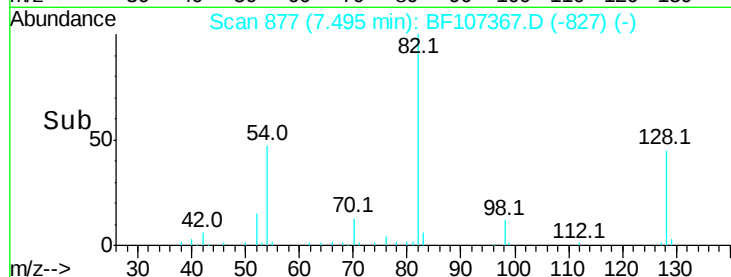
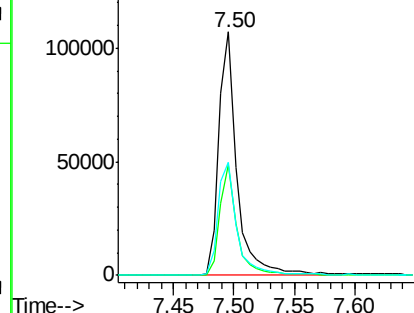
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.3	36.1	54.1	
54	46.5	41.4	62.2	

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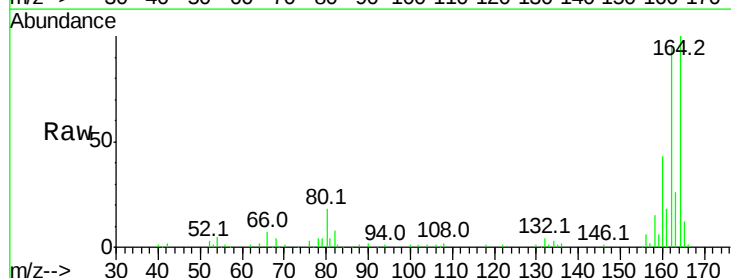


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

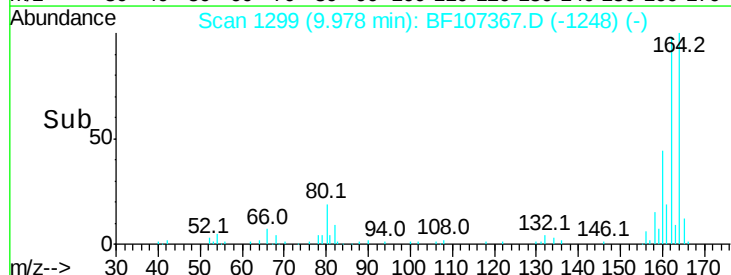
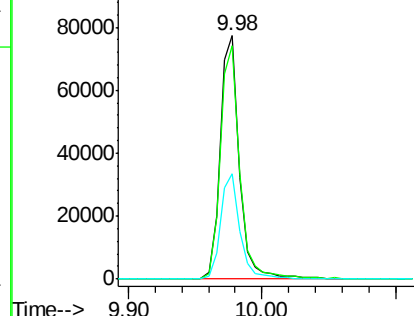


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF107367.D
 Acq: 13 Jul 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	96.0	86.1	129.1	
160	43.5	38.3	57.5	



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





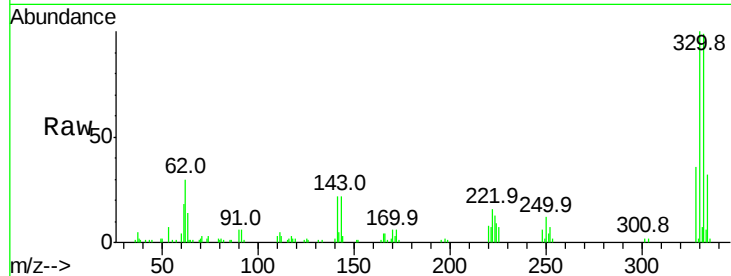
#41
 2,4,6-Tribromophenol
 Concen: 53.485 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF107367.D
 Acq: 13 Jul 2018 15:16

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

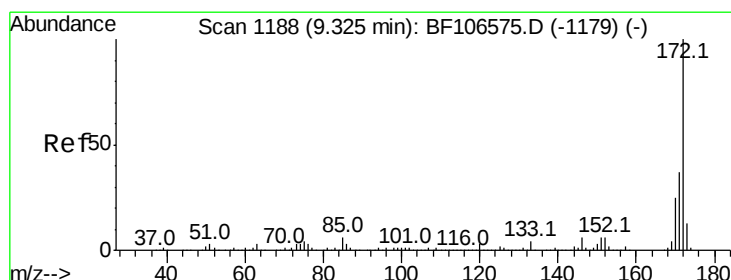
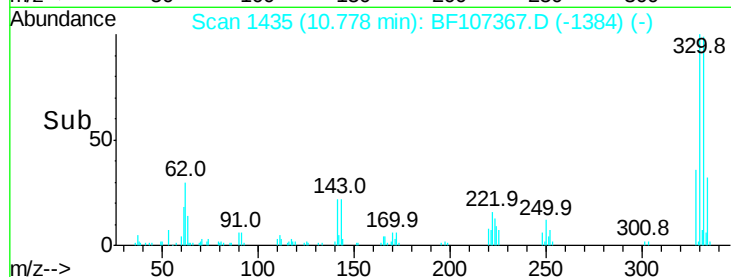
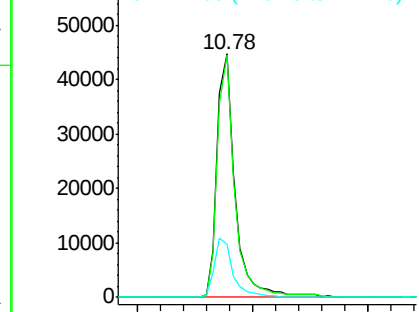
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	25.0	29.9	44.9#

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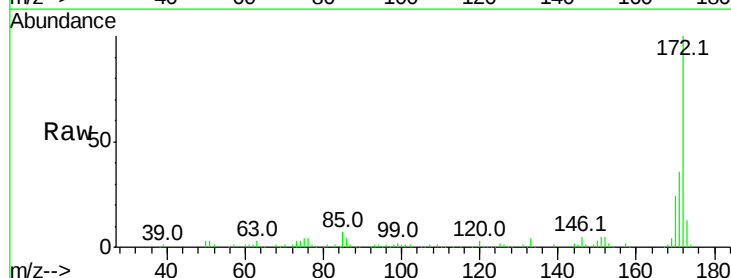


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

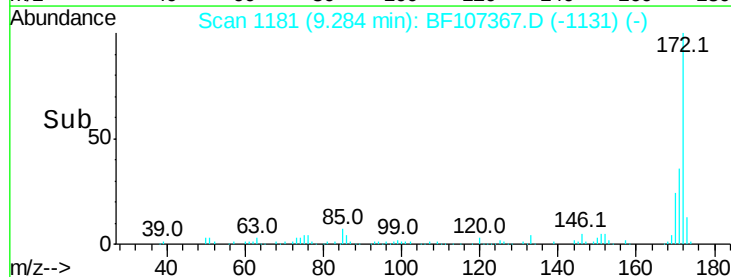
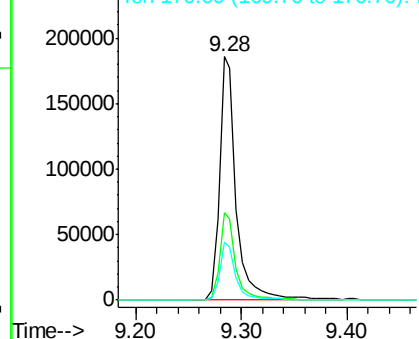


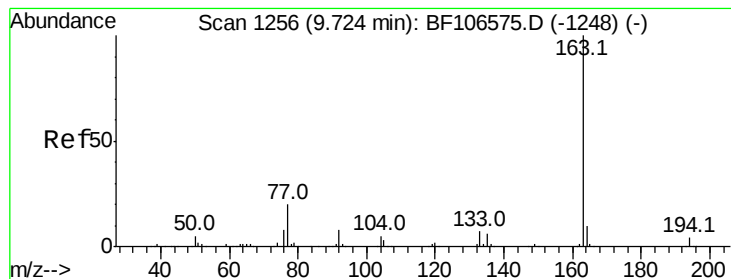
#44
 2-Fluorobiphenyl
 Concen: 36.515 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF107367.D
 Acq: 13 Jul 2018 15:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.1	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.221 ng

RT: 9.68 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF107367.D

Acq: 13 Jul 2018 15:16

Instrument :

BNA_F

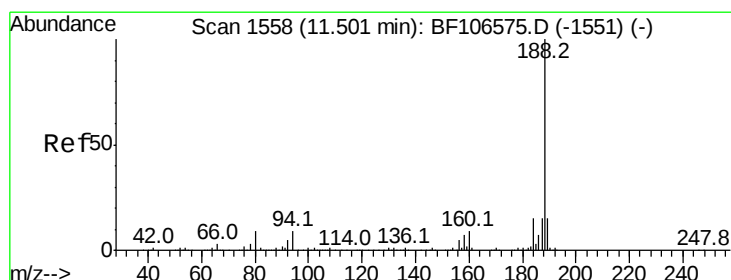
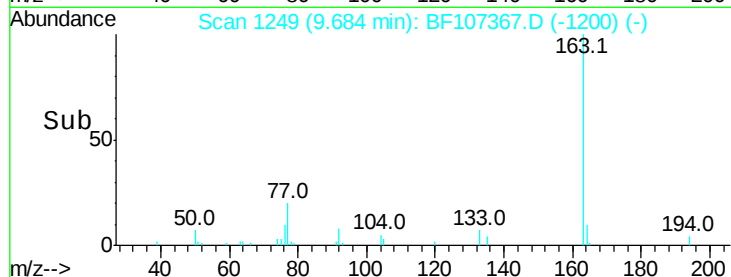
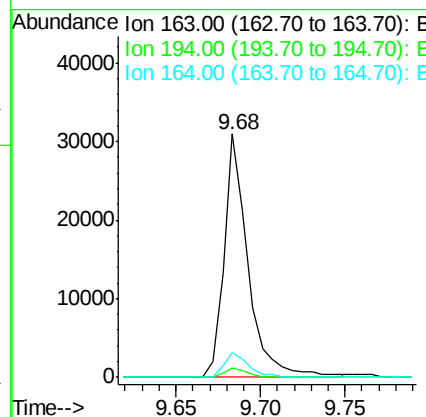
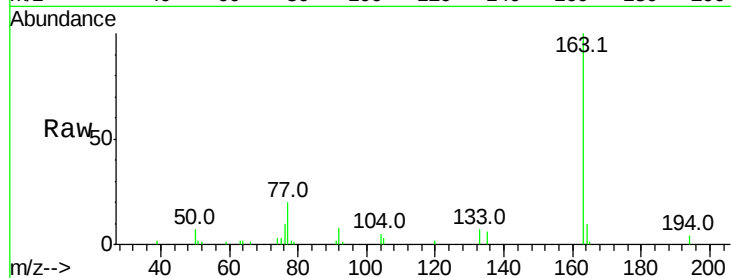
ClientSampleId :

CL-02-071118-A

Tot Ion:	163	Resp:	30672
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	10.1	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

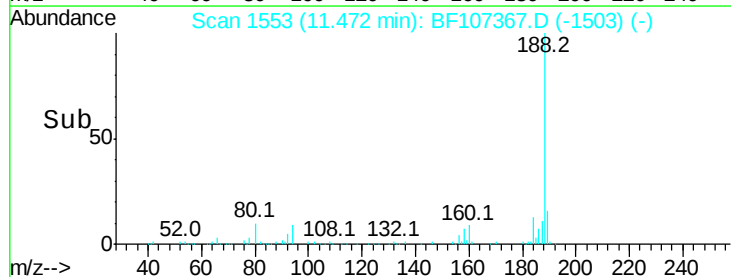
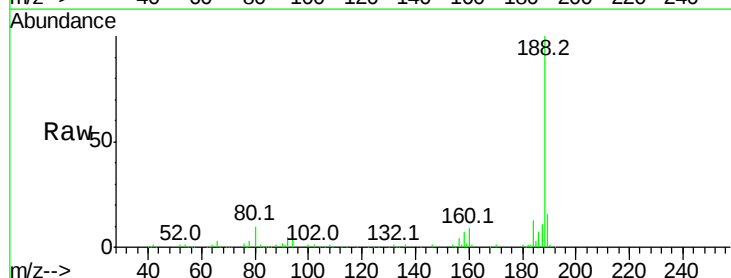
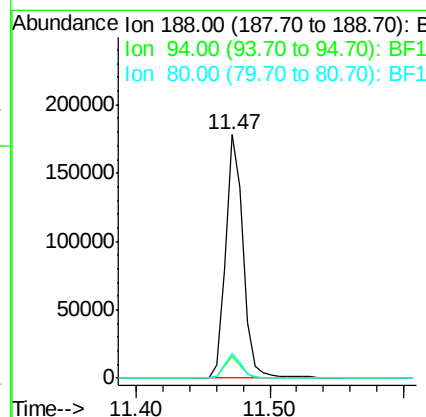
RT: 11.47 min Scan# 1553

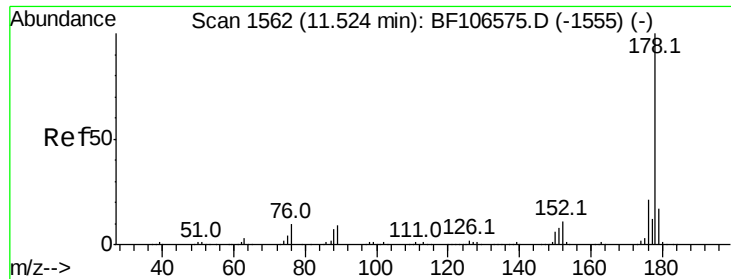
Delta R.T. -0.01 min

Lab File: BF107367.D

Acq: 13 Jul 2018 15:16

Tgt Ion:	188	Resp:	165213
Ion Ratio	Lower	Upper	
188	100		
94	9.2	8.5	12.7
80	10.3	9.2	13.8





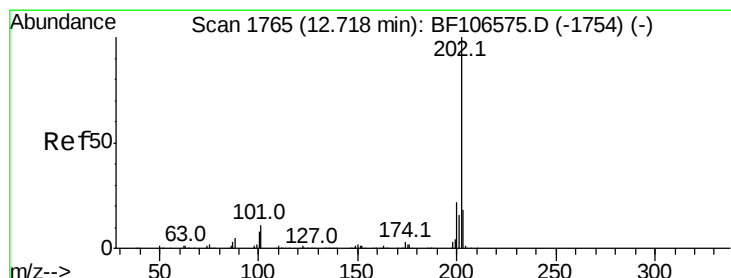
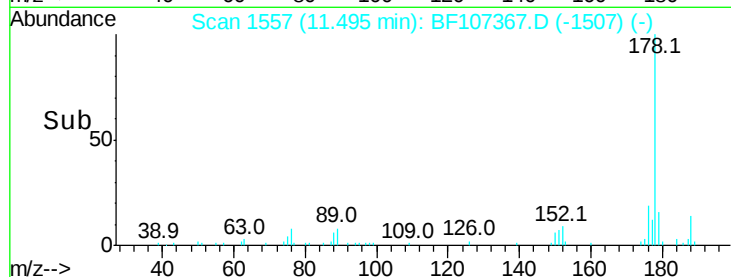
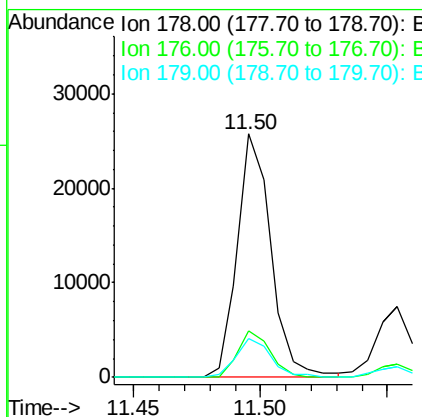
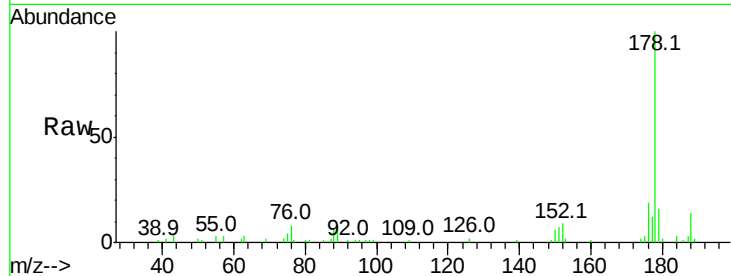
#70
Phenanthrene
Concen: 2.990 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107367.D
Acq: 13 Jul 2018 15:16

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.9	13.0	19.6

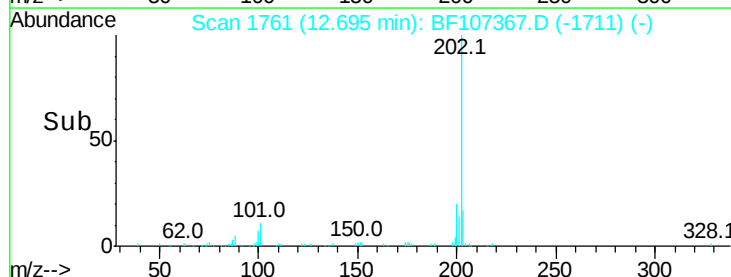
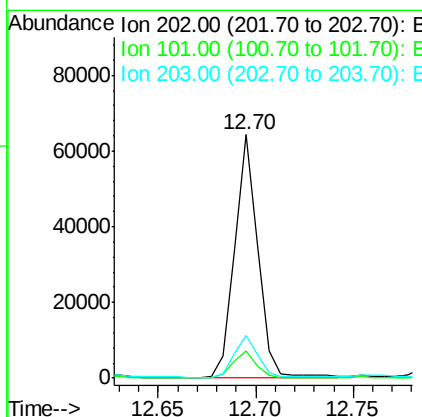
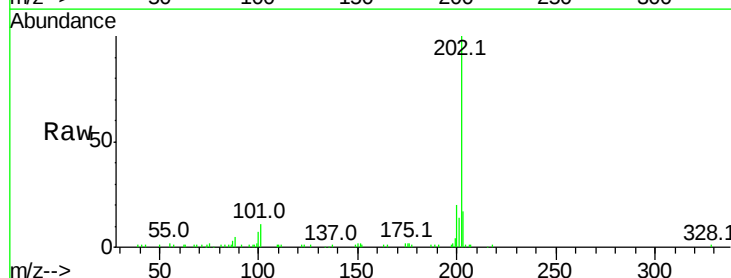
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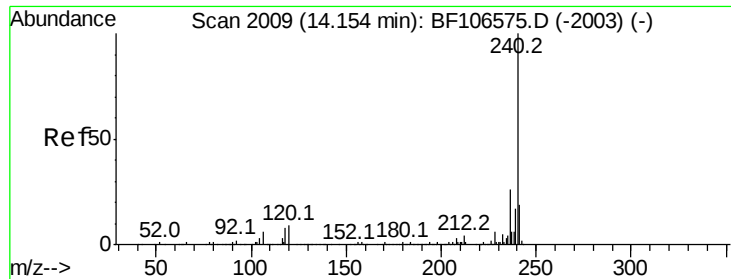
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#74
Fluoranthene
Concen: 6.081 ng
RT: 12.70 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF107367.D
Acq: 13 Jul 2018 15:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.1
203	17.3	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: BF107367.D

Acq: 13 Jul 2018 15:16

Instrument :

BNA_F

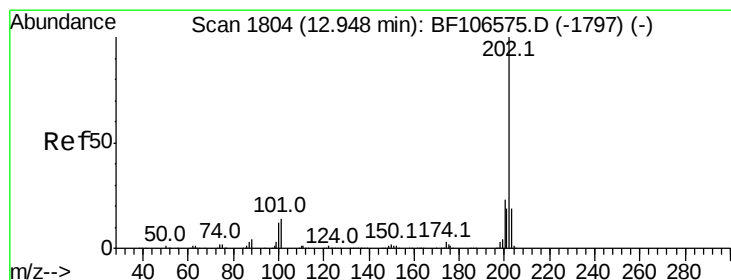
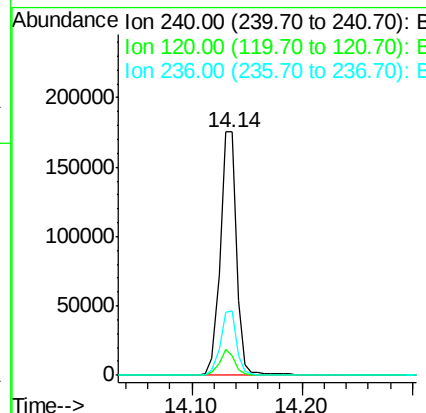
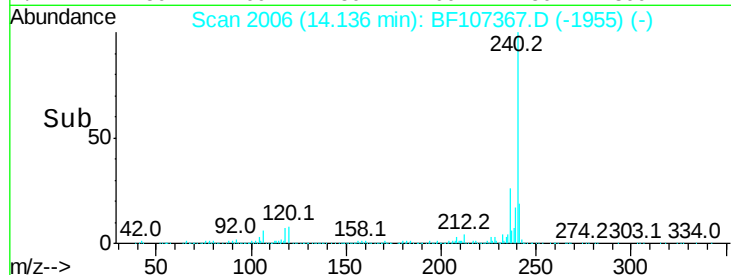
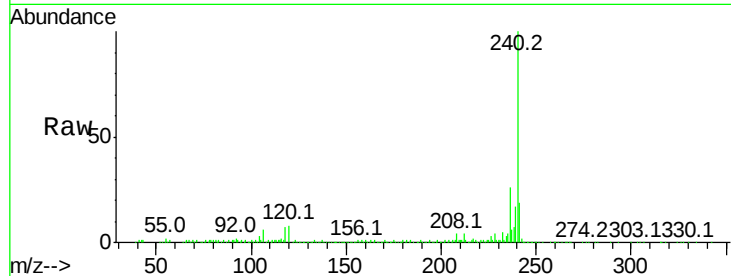
ClientSampleId :

CL-02-071118-A

Tot Ion:	240	Resp:	180270
Ion Ratio	Lower	Upper	
240	100		
120	8.2	9.5	14.3#
236	26.2	20.7	31.1

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#77

Pyrene

Concen: 4.820 ng

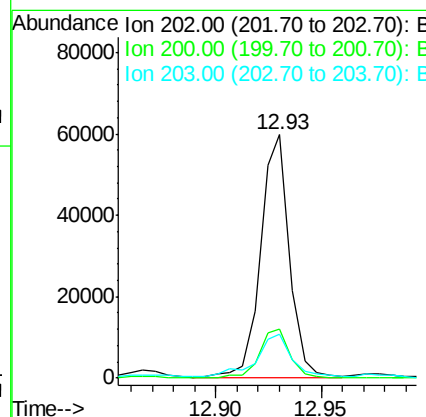
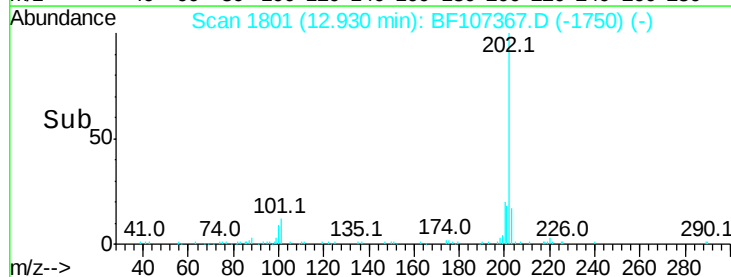
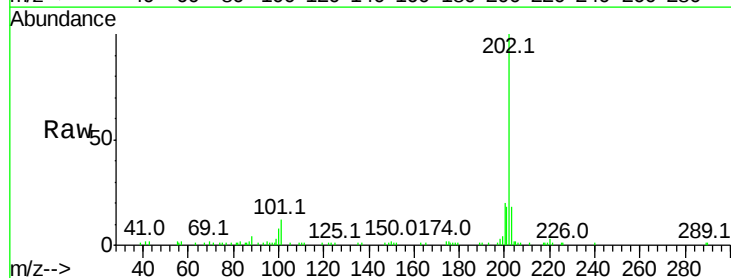
RT: 12.93 min Scan# 1801

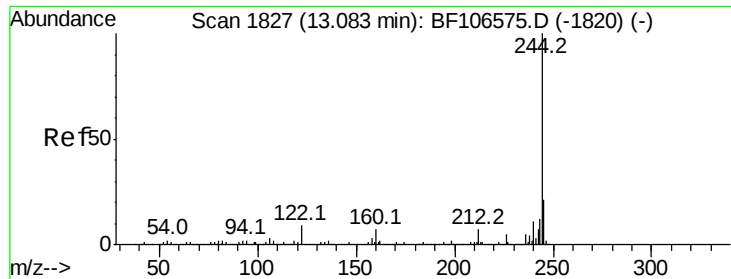
Delta R.T. 0.00 min

Lab File: BF107367.D

Acq: 13 Jul 2018 15:16

Tgt Ion:	202	Resp:	57299
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.4	26.2
203	18.2	14.3	21.5





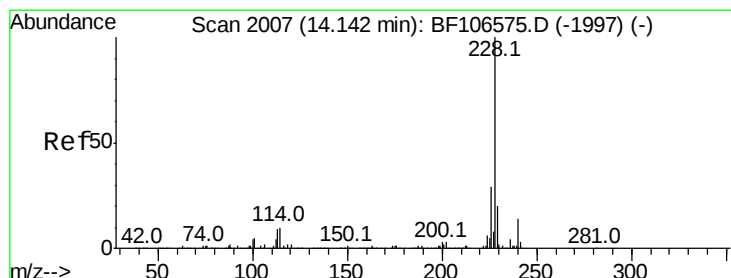
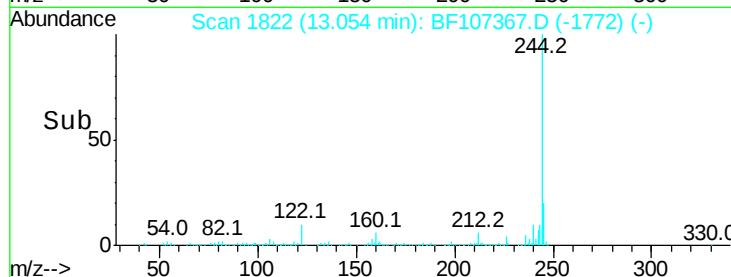
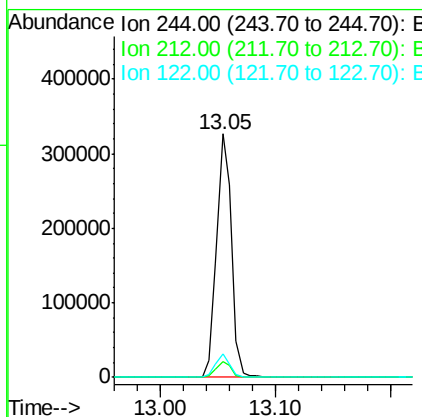
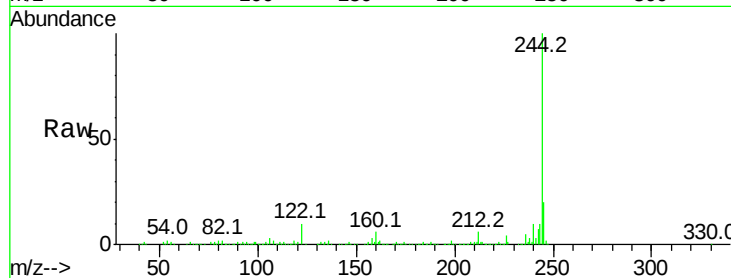
#78
Terphenyl-d14
Concen: 39.198 ng
RT: 13.05 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF107367.D
Acq: 13 Jul 2018 15:16

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	9.7	11.0	16.4

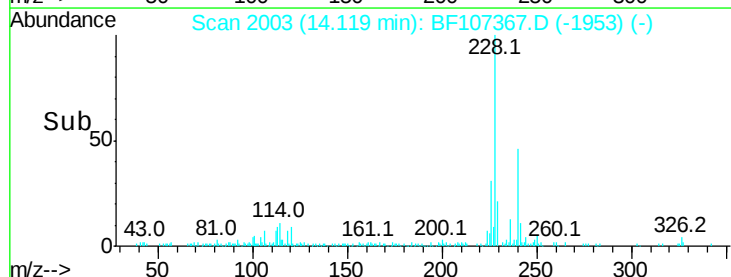
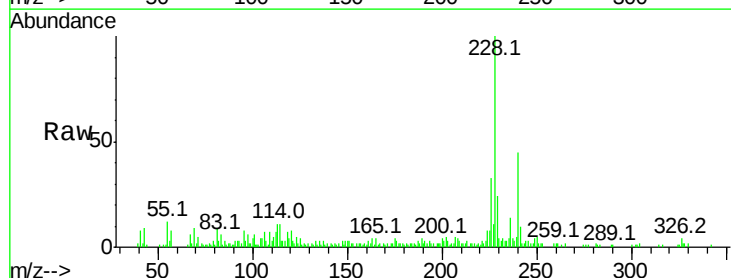
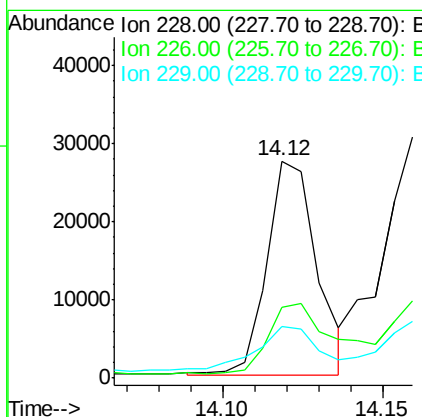
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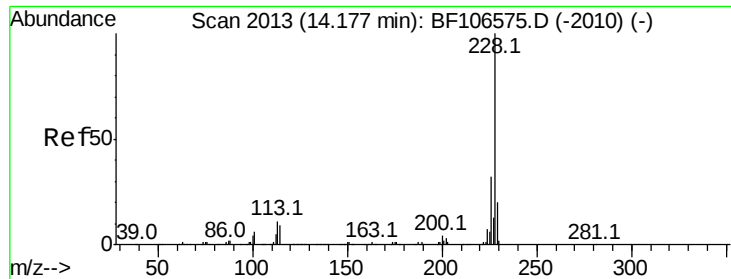
Sohil
7/16/2018 3:22:21 PM



#80
Benzo(a)anthracene
Concen: 2.722 ng m
RT: 14.12 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF107367.D
Acq: 13 Jul 2018 15:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	22.6	33.8
229	24.0	15.8	23.6





#82

Chrysene

Concen: 3.203 ng

RT: 14.16 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF107367.D

Acq: 13 Jul 2018 15:16

Instrument :

BNA_F

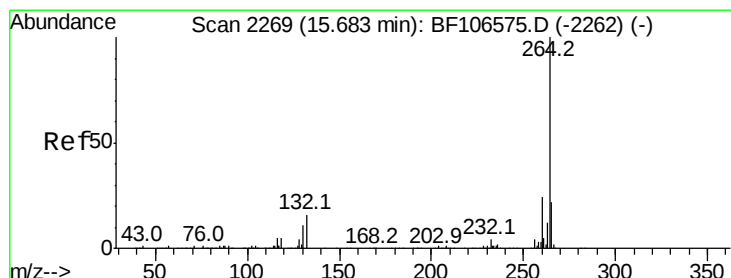
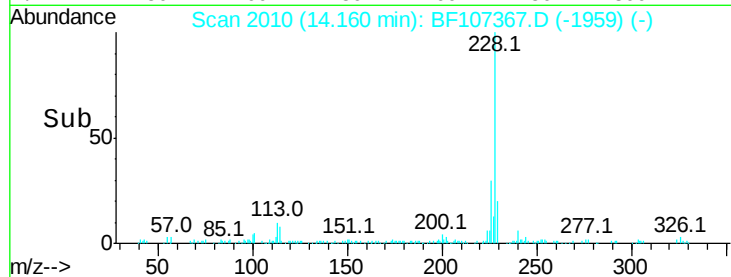
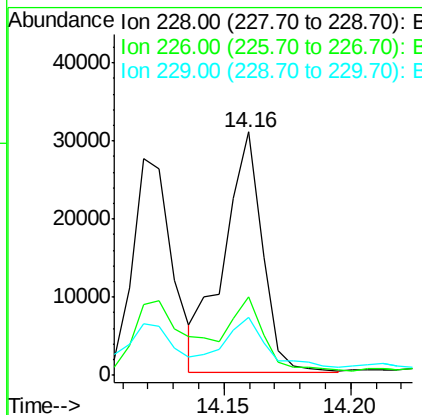
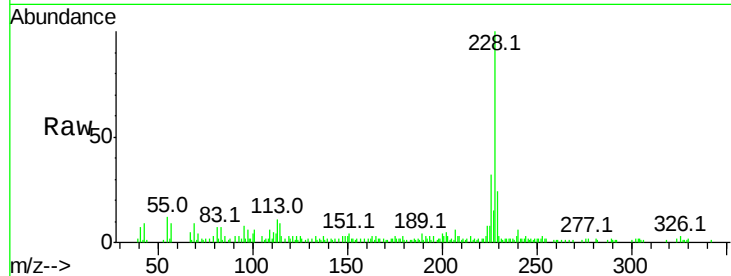
ClientSampleId :

CL-02-071118-A

Tot Ion:	228	Resp:	32380
Ion Ratio	Lower	Upper	
228	100		
226	32.3	25.0	37.6
229	23.6	16.2	24.4

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#86

Perylene-d12

Concen: 20.000 ng

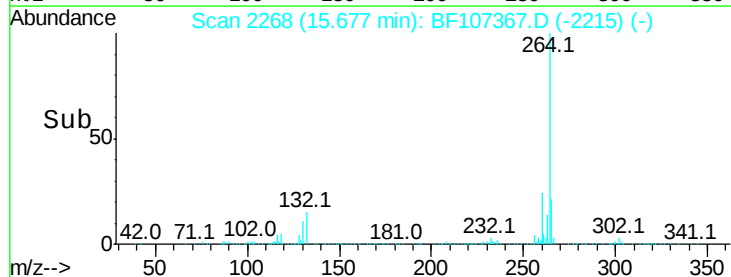
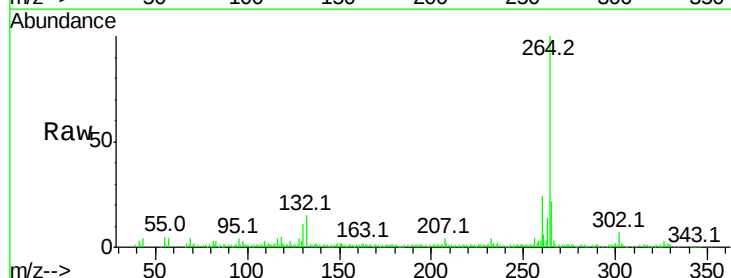
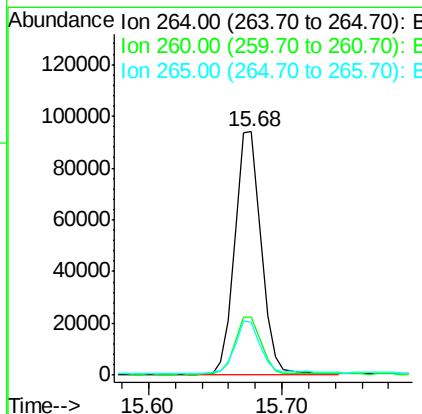
RT: 15.68 min Scan# 2268

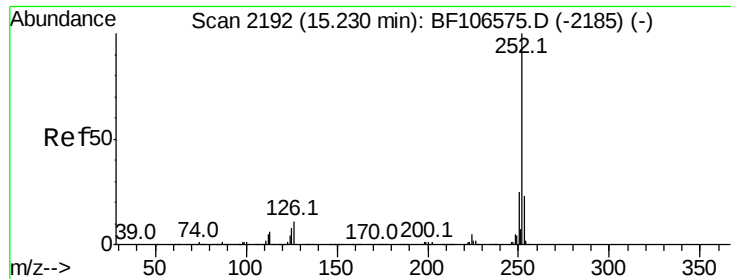
Delta R.T. 0.01 min

Lab File: BF107367.D

Acq: 13 Jul 2018 15:16

Tgt Ion:	264	Resp:	130847
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	21.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 4.278 ng

RT: 15.22 min Scan# 2190

Delta R.T. 0.01 min

Lab File: BF107367.D

Acq: 13 Jul 2018 15:16

Instrument :

BNA_F

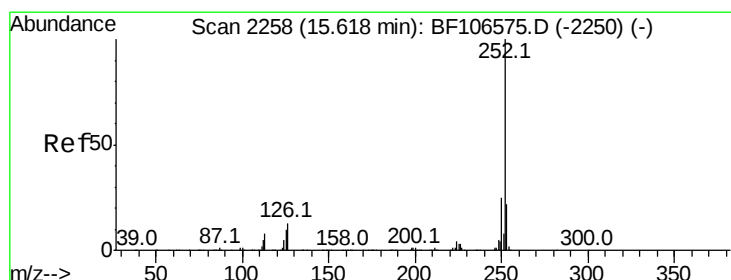
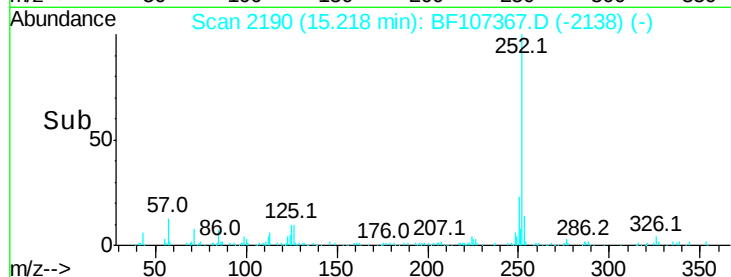
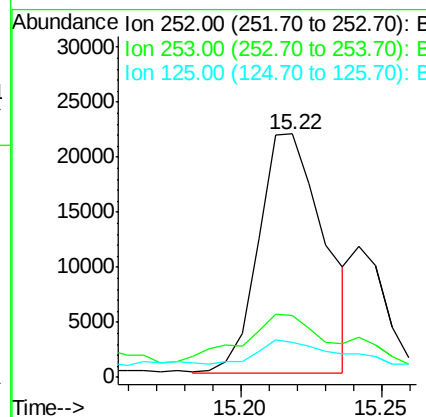
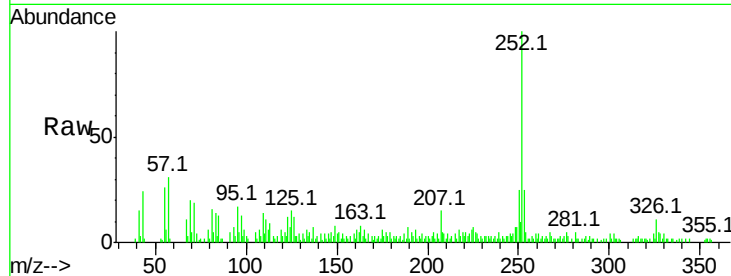
ClientSampleId :

CL-02-071118-A

Tot Ion:	252	Resp:	34774
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.0	25.6
125	14.6	9.0	13.6#

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#89

Benzo(a)pyrene

Concen: 3.040 ng

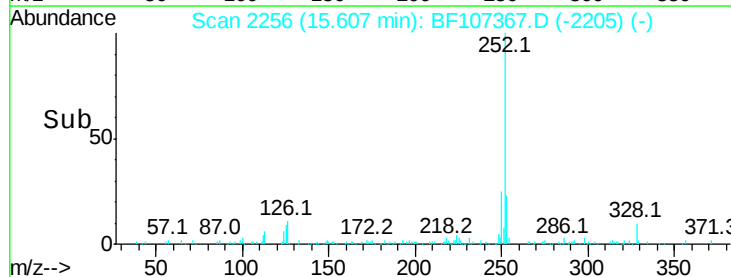
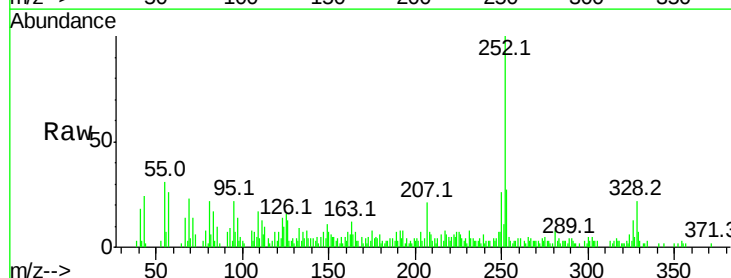
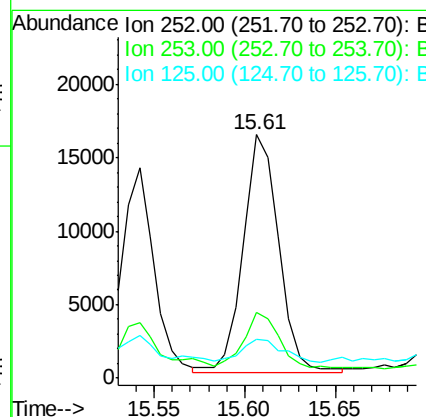
RT: 15.61 min Scan# 2256

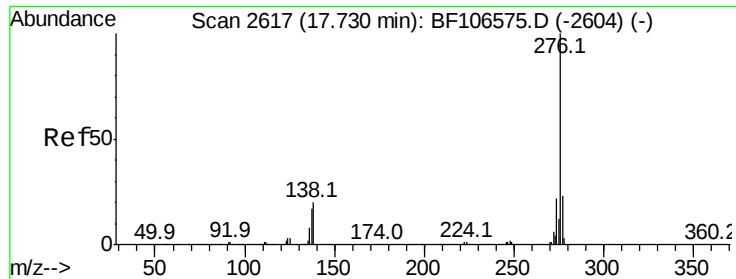
Delta R.T. 0.00 min

Lab File: BF107367.D

Acq: 13 Jul 2018 15:16

Tgt Ion:	252	Resp:	21969
Ion Ratio	Lower	Upper	
252	100		
253	26.9	17.1	25.7#
125	16.1	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 2.228 ng
 RT: 17.76 min Scan# 2622
 Delta R.T. 0.01 min
 Lab File: BF107367.D
 Acq: 13 Jul 2018 15:16

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.9	17.9	26.9#
138	20.8	21.8	32.8#

Manual Integrations
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Sohil
 7/16/2018 3:22:21 PM

