

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
 Data File : BF107422.D
 Acq On : 17 Jul 2018 00:17
 Operator : JU/SJ
 Sample : J3821-05 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-071218-C

Manual Integrations
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Sohil
 7/17/2018 4:53:19 PM

Quant Time: Jul 17 02:36:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 16 17:24:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	157396	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	537183	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	243731	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	463070	20.00	ng	0.00
75) Chrysene-d12	14.17	240	420086	20.00	ng	0.00
86) Perylene-d12	15.70	264	263310	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	333852	32.21	ng	0.00
7) Phenol-d6	6.60	99	437486	32.65	ng	0.00
23) Nitrobenzene-d5	7.54	82	298114	29.59	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	64651	30.19	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	527897	28.97	ng	0.00
78) Terphenyl-d14	13.10	244	505579	29.90	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.73	163	97637	5.042	ng	Qvalue # 97
70) Phenanthrene	11.54	178	241221	10.453	ng	# 94
71) Anthracene	11.59	178	59617m	2.594	ng	
74) Fluoranthene	12.74	202	454799	17.339	ng	92
77) Pyrene	12.97	202	404902	14.174	ng	98
80) Benzo(a)anthracene	14.15	228	227604m	8.855	ng	
82) Chrysene	14.19	228	190488	7.758	ng	96
85) Indeno(1,2,3-cd)pyrene	17.27	276	54504	3.119	ng	# 80
87) Benzo(b)fluoranthene	15.24	252	197096m	12.789	ng	
88) Benzo(k)fluoranthene	15.27	252	47614m	3.166	ng	
89) Benzo(a)pyrene	15.63	252	113356	8.013	ng	97
91) Benzo(a,h,i)perylene	17.75	276	54040	4.982	ng	# 83

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

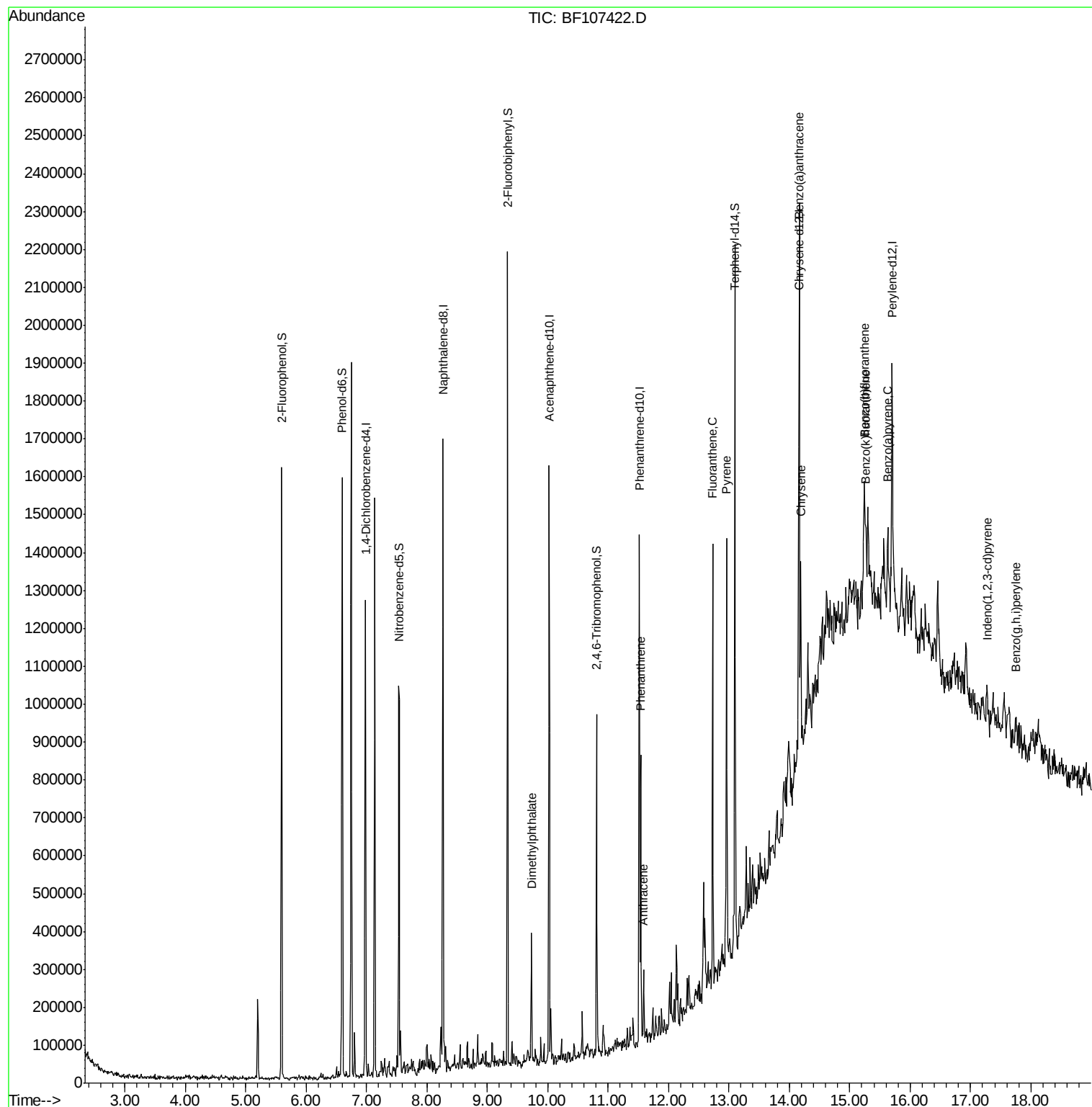
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107422.D
Acq On : 17 Jul 2018 00:17
Operator : JU/SJ
Sample : J3821-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

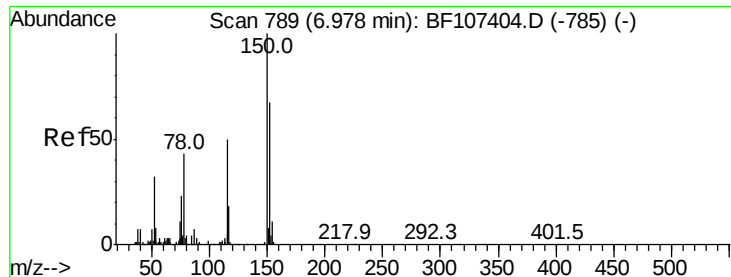
Instrument :
BNA_F
ClientSampleId :
HR-05-071218-C

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

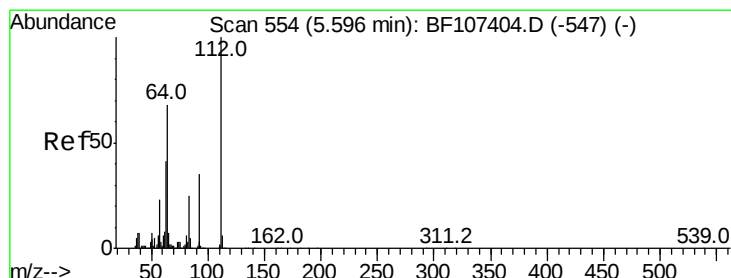
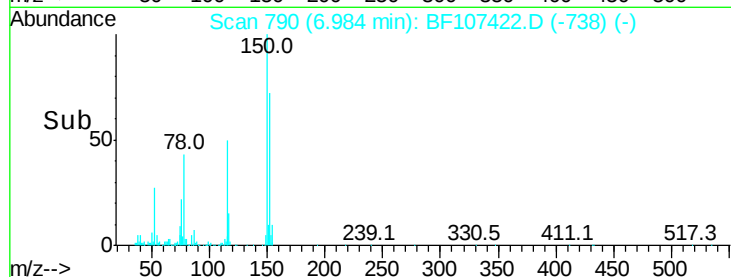
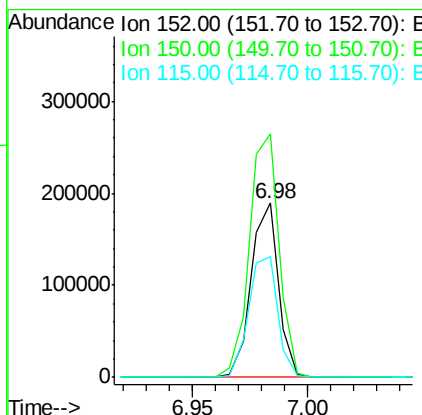
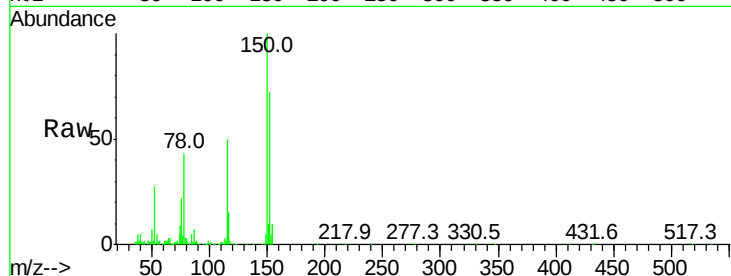
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

Instrument :
BNA_F
ClientSampleId :
HR-05-071218-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.6	124.6	186.8
115	69.4	50.1	75.1

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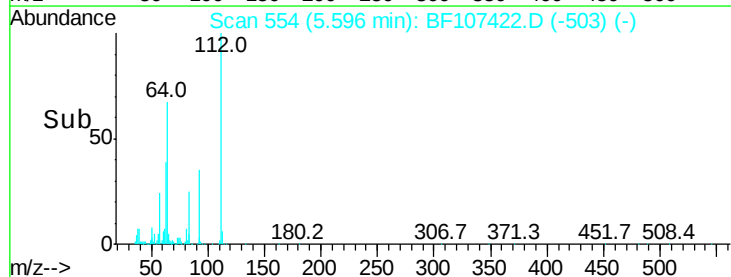
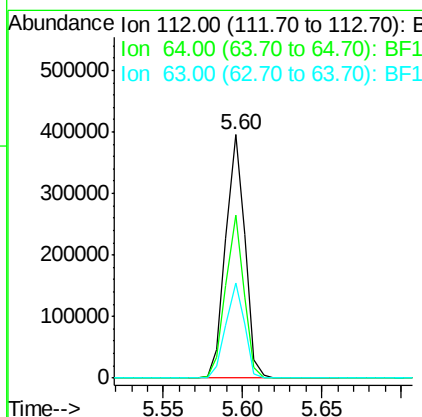
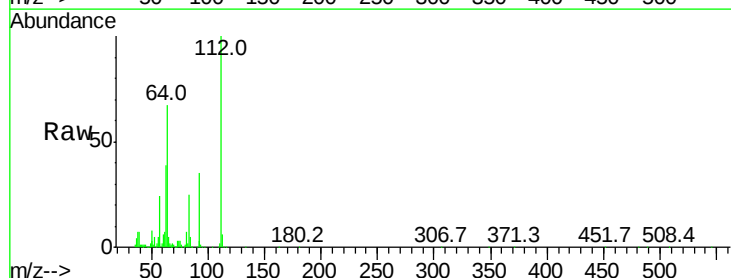
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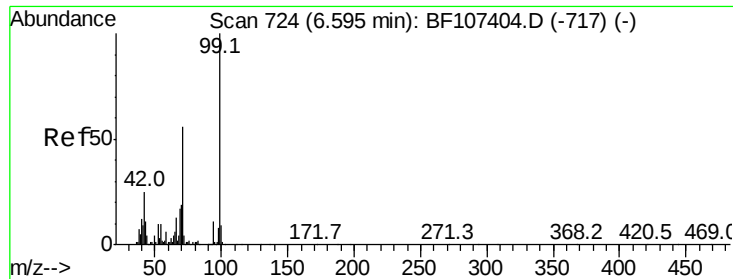


#5

2-Fluorophenol
Concen: 32.214 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	47.9	71.9
63	39.0	23.7	35.5





#7

Phenol-d6

Concen: 32.651 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

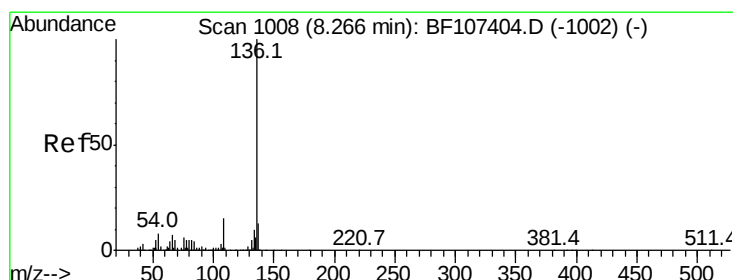
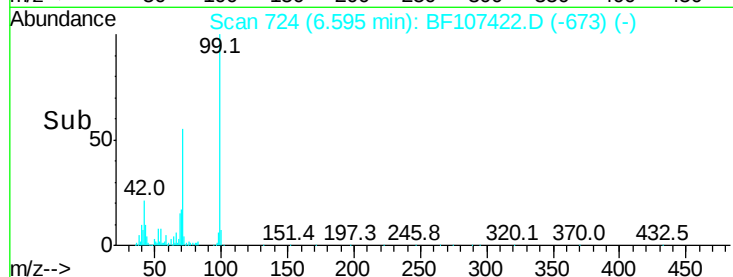
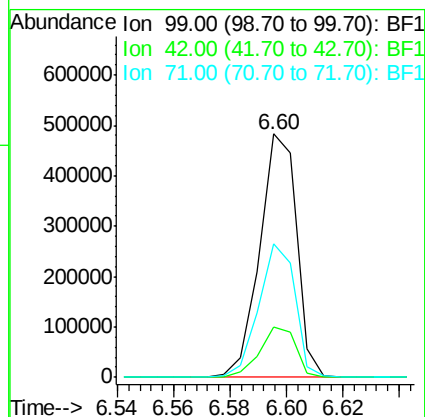
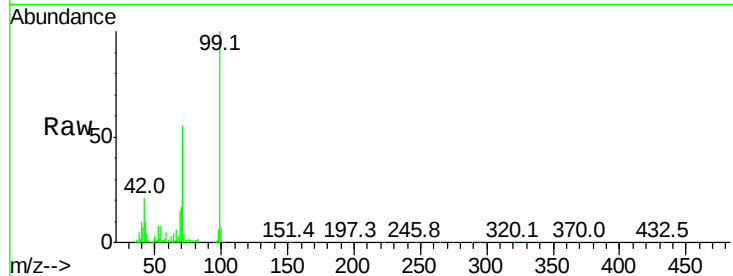
ClientSampleId :

HR-05-071218-C

Tot Ion	99	Resp	437486
Ion Ratio	Lower	Upper	
99	100		
42	20.7	14.5	21.7
71	54.8	25.4	38.0#

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#21

Naphthalene-d8

Concen: 20.000 ng

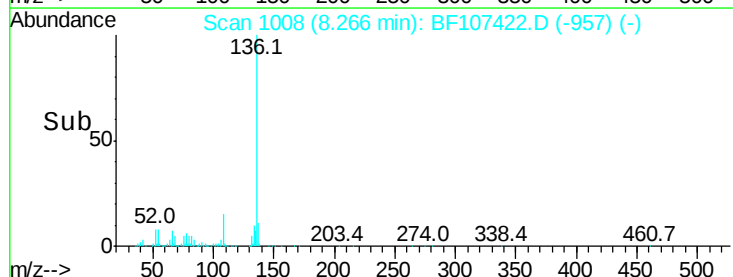
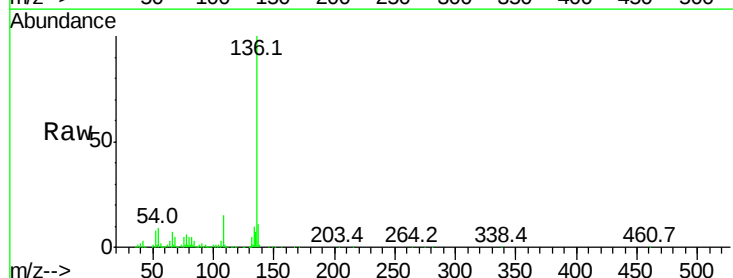
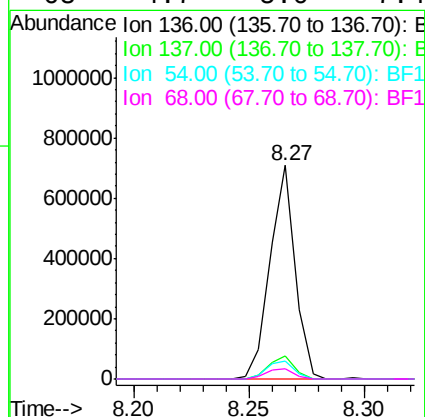
RT: 8.27 min Scan# 1008

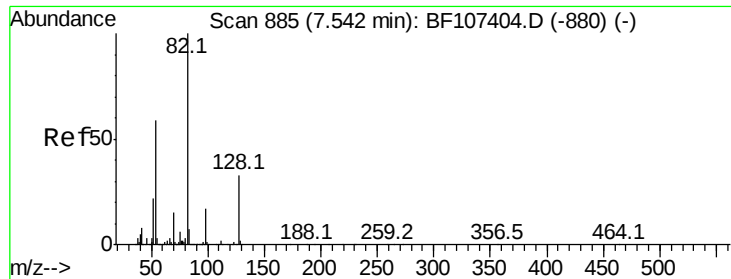
Delta R.T. -0.00 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Tgt Ion	136	Resp	537183
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	8.6	6.6	9.8
68	4.7	5.0	7.4#





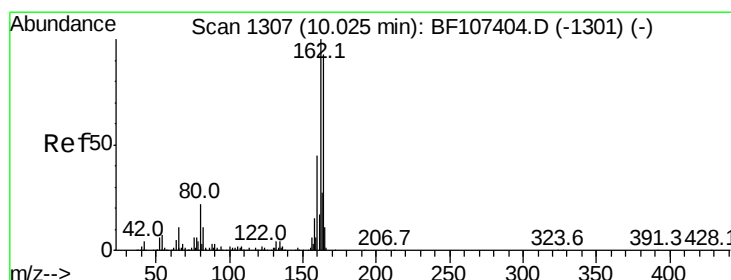
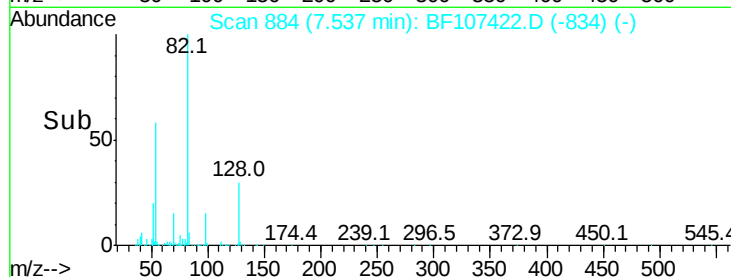
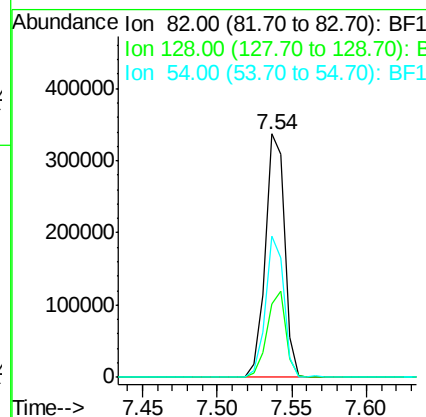
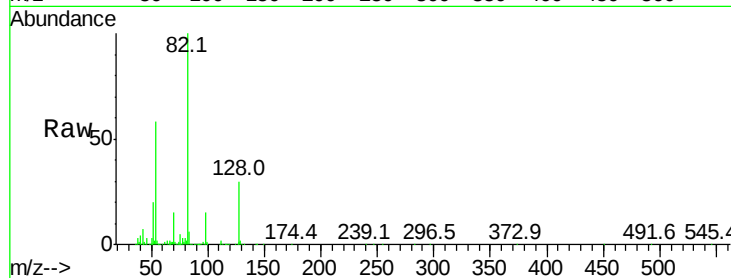
#23
Nitrobenzene-d5
Concen: 29.593 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

Instrument :
BNA_F
ClientSampleId :
HR-05-071218-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	30.4	36.1	54.1#
54	57.9	41.4	62.2

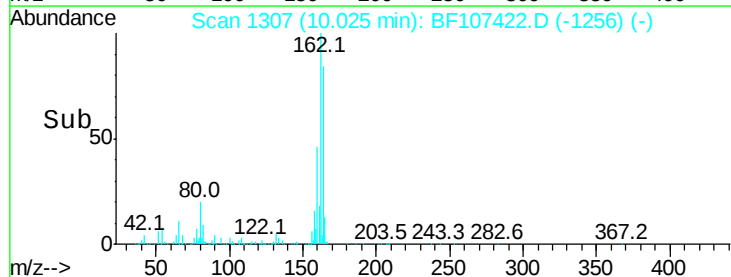
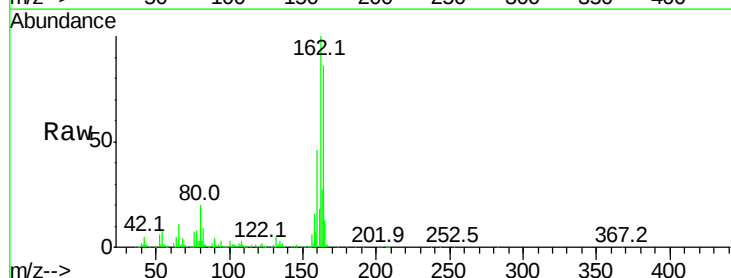
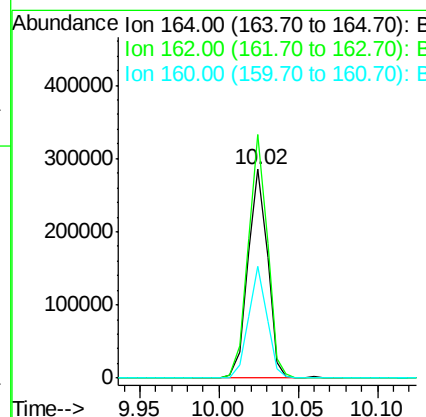
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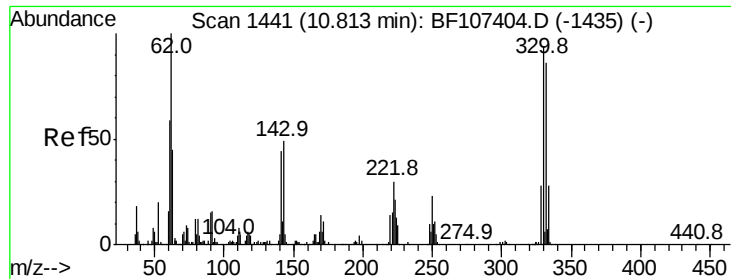
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	116.8	86.1	129.1
160	53.7	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 30.190 ng

RT: 10.81 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

ClientSampled :

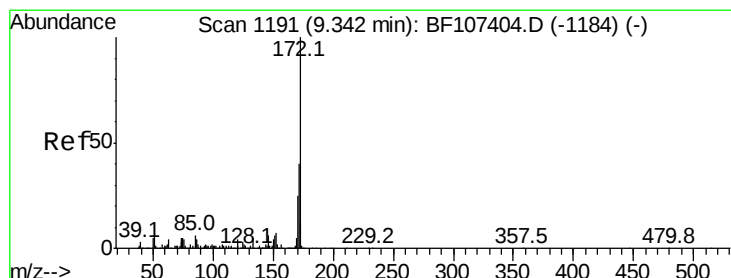
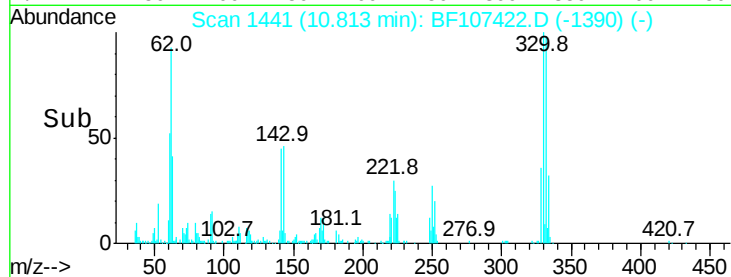
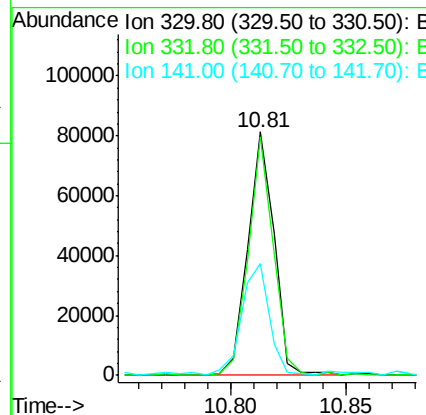
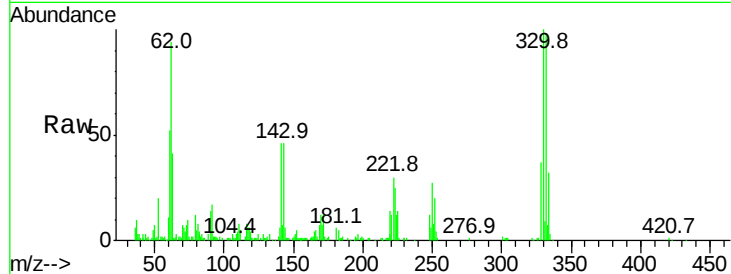
HR-05-071218-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	48.2	29.9	44.9

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#44

2-Fluorobiphenyl

Concen: 28.967 ng

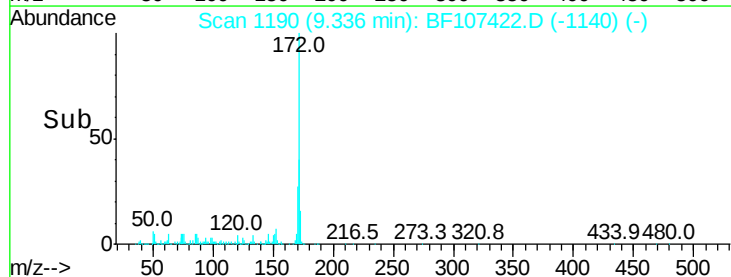
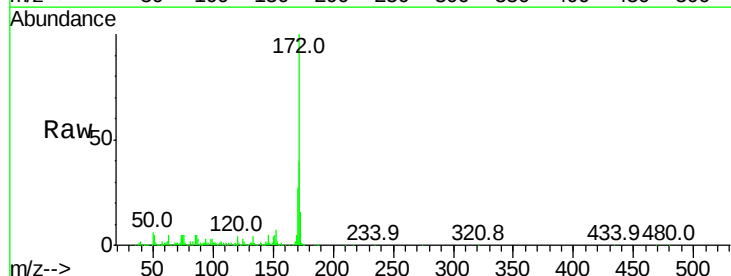
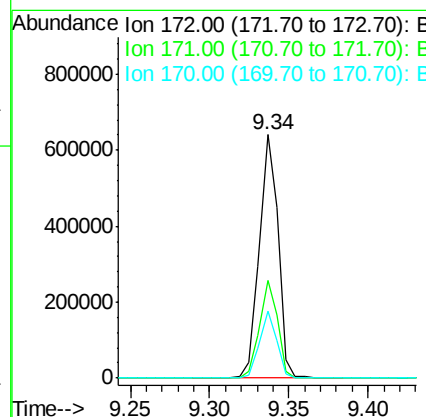
RT: 9.34 min Scan# 1190

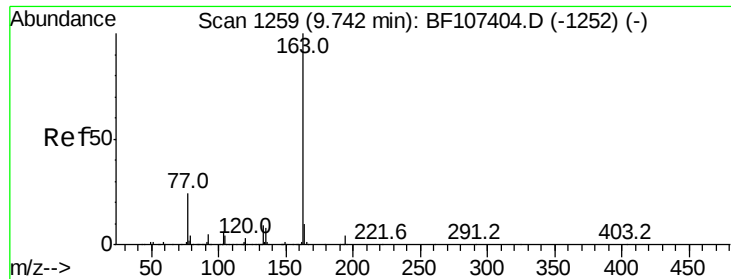
Delta R.T. -0.01 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.1	29.7	44.5
170	27.3	19.6	29.4





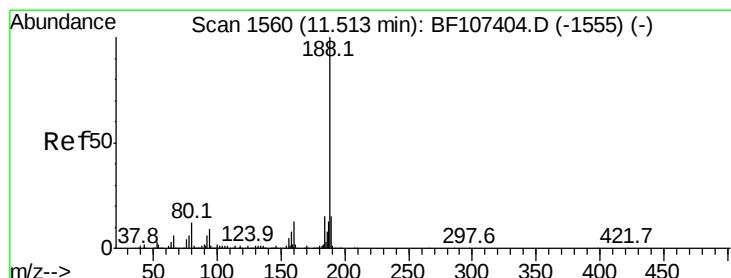
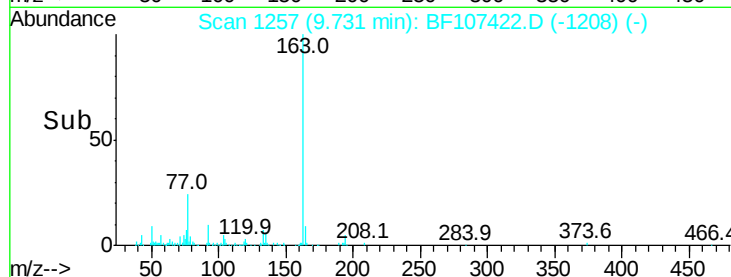
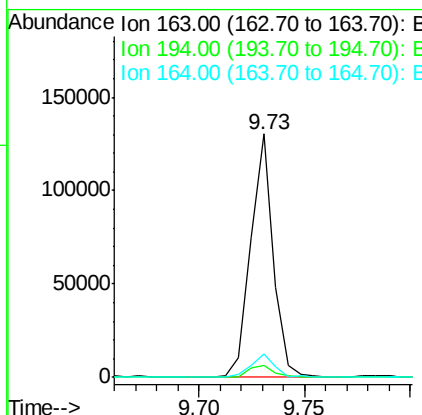
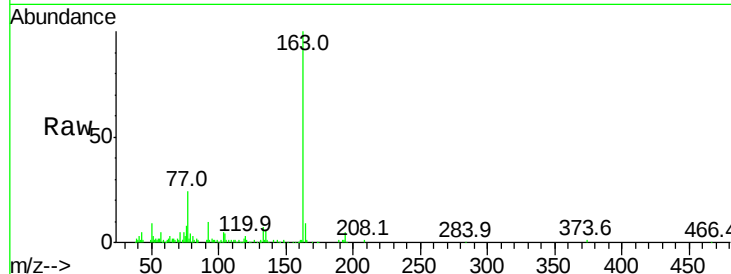
#49
Dimethylphthalate
Concen: 5.042 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

Instrument :
BNA_F
ClientSampleId :
HR-05-071218-C

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	2.7	4.1#
164	9.4	8.2	12.2

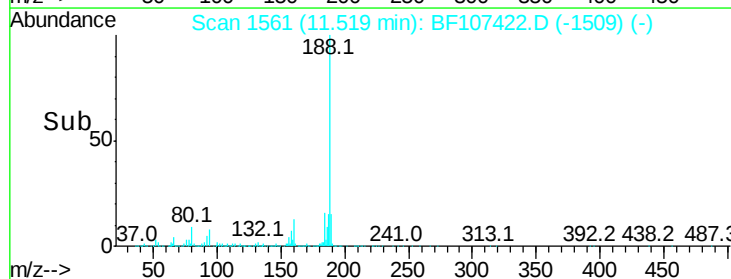
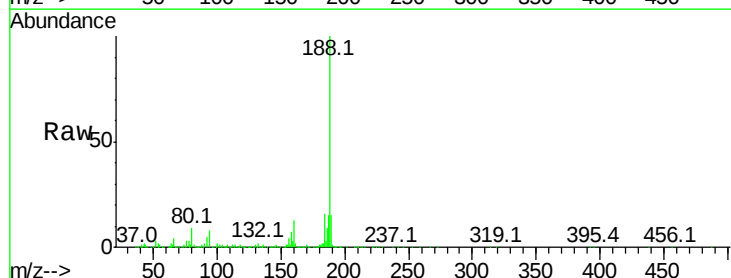
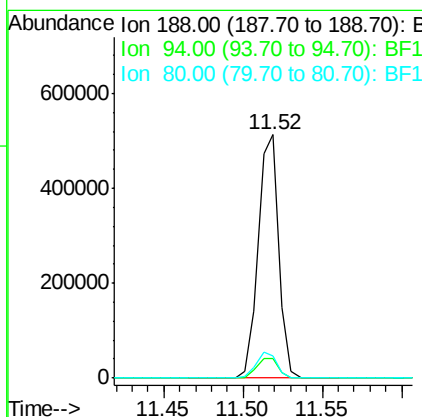
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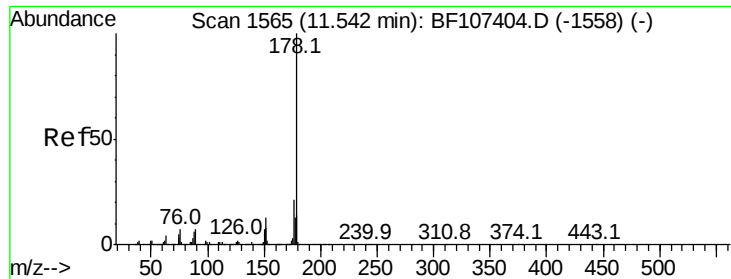
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	8.9	9.2	13.8#





#70

Phenanthrene

Concen: 10.453 ng

RT: 11.54 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

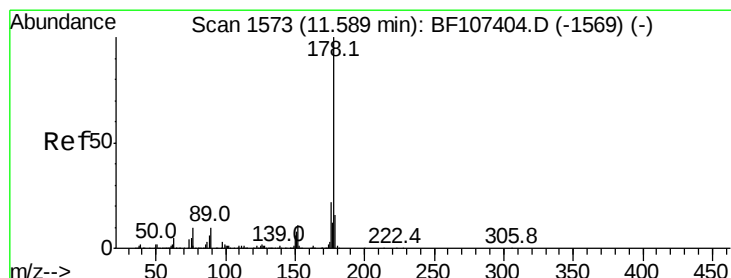
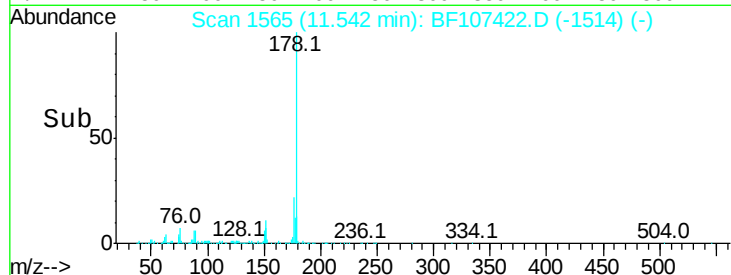
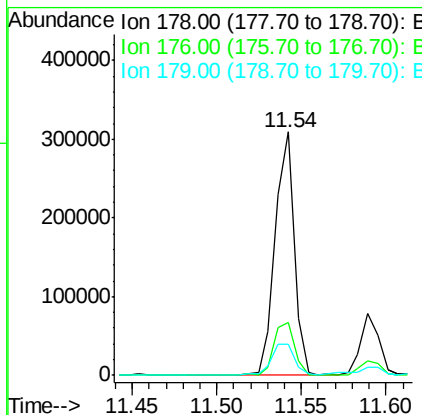
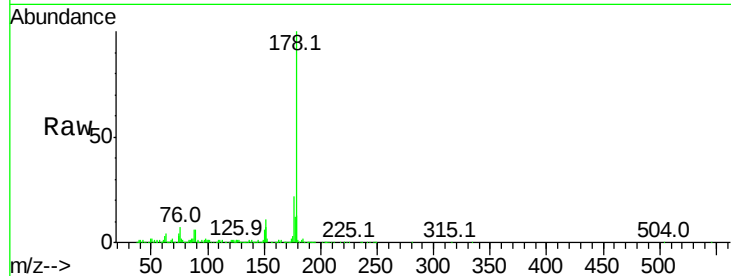
ClientSampleId :

HR-05-071218-C

Tot Ion:	178	Resp:	241221
Ion Ratio	Lower	Upper	
178	100		
176	21.6	15.8	23.8
179	12.9	13.0	19.6

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#71

Anthracene

Concen: 2.594 ng m

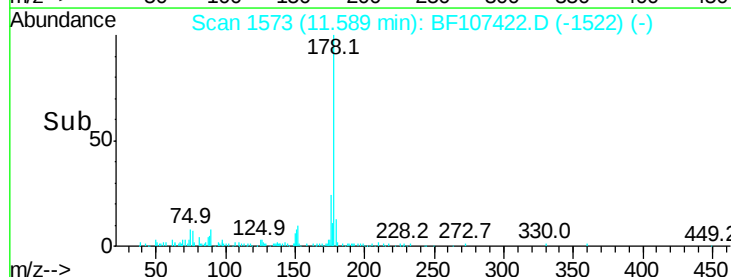
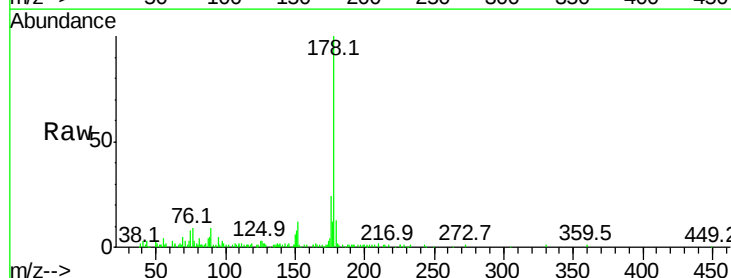
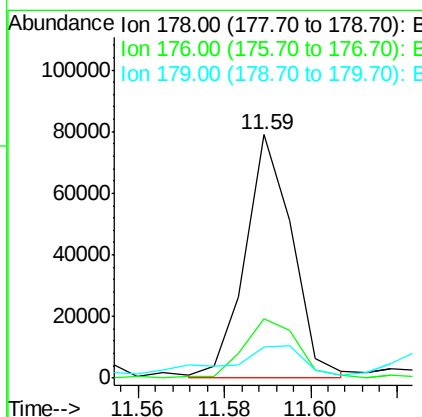
RT: 11.59 min Scan# 1573

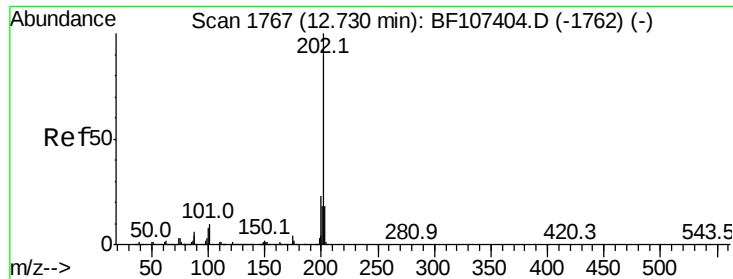
Delta R.T. -0.00 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Tgt Ion:	178	Resp:	59617
Ion Ratio	Lower	Upper	
178	100		
176	24.2	15.4	23.2
179	12.8	12.6	19.0





#74

Fluoranthene

Concen: 17.339 ng

RT: 12.74 min Scan# 1768

Delta R.T. 0.01 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

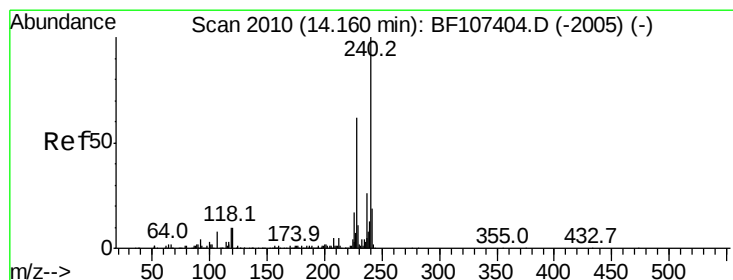
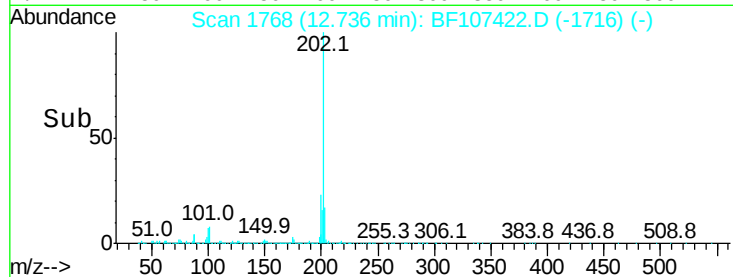
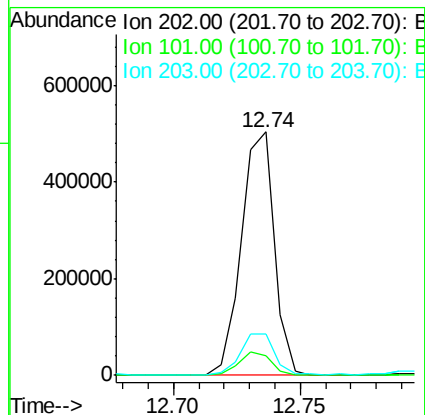
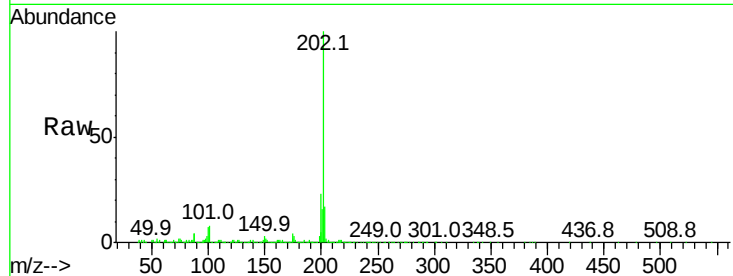
ClientSampleId :

HR-05-071218-C

Tot Ion:	202	Resp:	454799
Ion Ratio	Lower	Upper	
202	100		
101	7.8	0.0	34.1
203	16.9	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

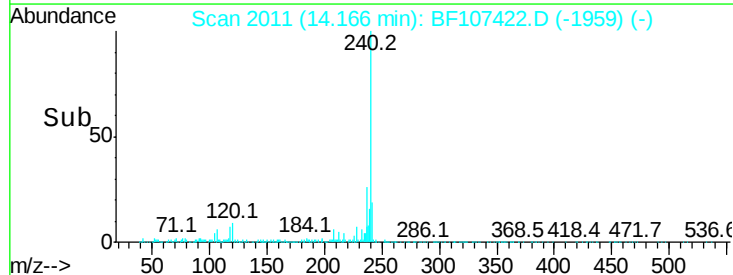
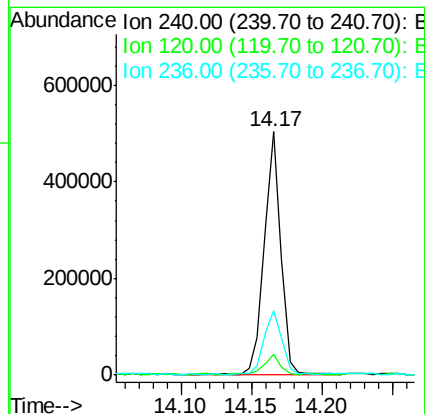
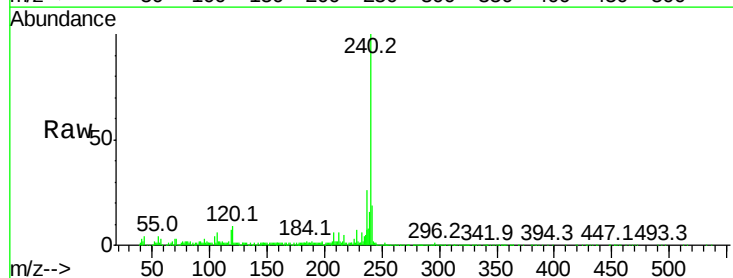
RT: 14.17 min Scan# 2011

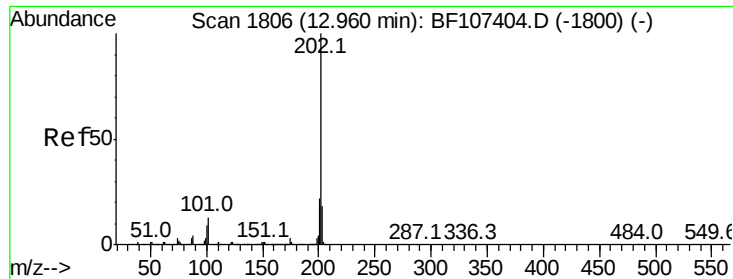
Delta R.T. 0.01 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Tgt Ion:	240	Resp:	420086
Ion Ratio	Lower	Upper	
240	100		
120	8.8	9.5	14.3#
236	26.2	20.7	31.1





#77

Pvrene

Concen: 14.174 ng

RT: 12.97 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

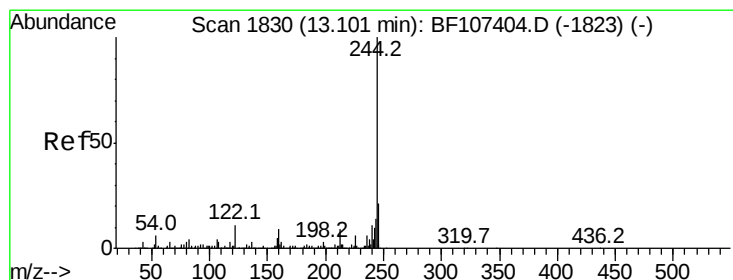
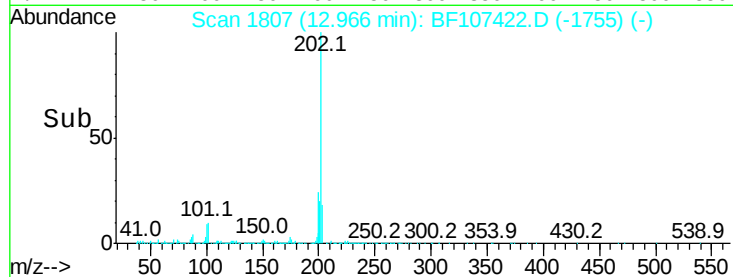
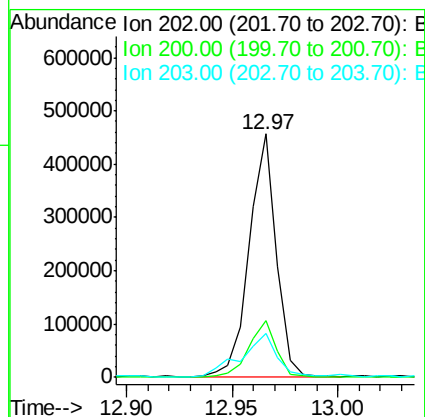
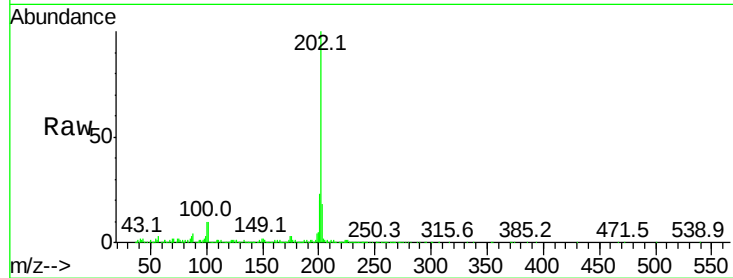
ClientSampleId :

HR-05-071218-C

Tot Ion:	202	Resp:	404902
Ion Ratio	Lower	Upper	
202	100		
200	23.5	17.4	26.2
203	17.8	14.3	21.5

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#78

Terphenyl-d14

Concen: 29.902 ng

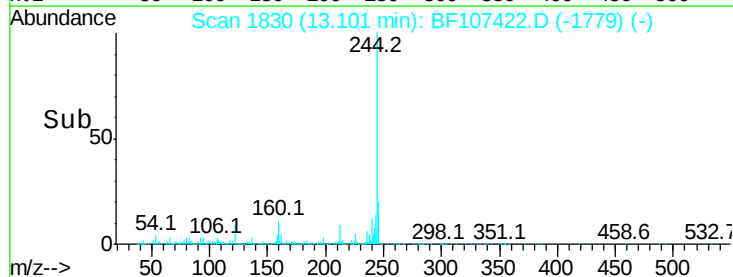
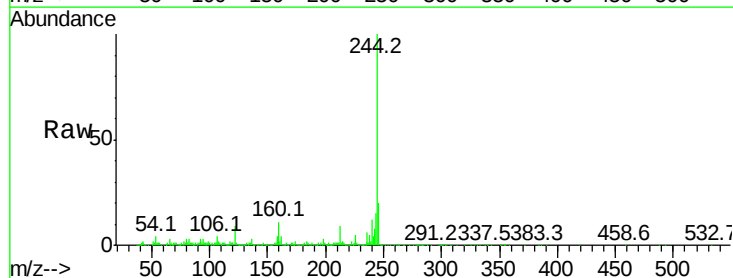
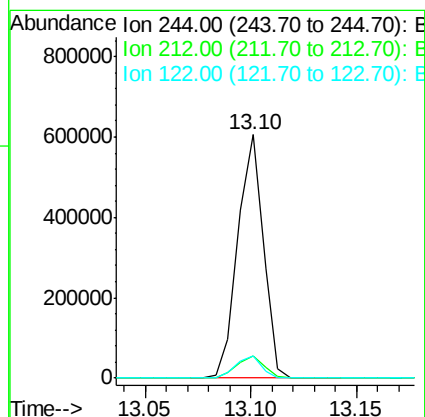
RT: 13.10 min Scan# 1830

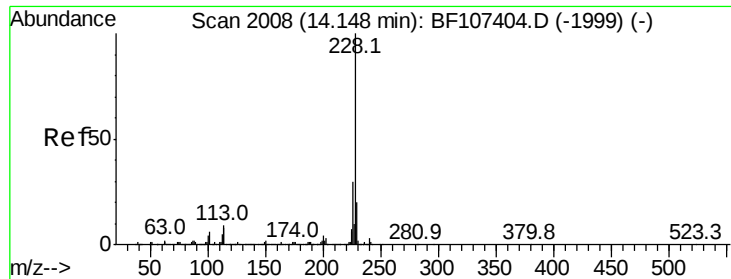
Delta R.T. -0.00 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Tgt Ion:	244	Resp:	505579
Ion Ratio	Lower	Upper	
244	100		
212	9.3	5.4	8.0#
122	9.0	11.0	16.4#





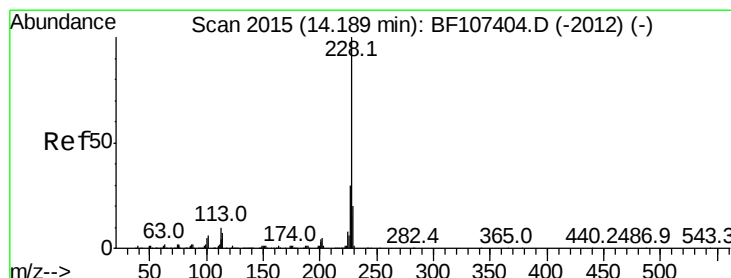
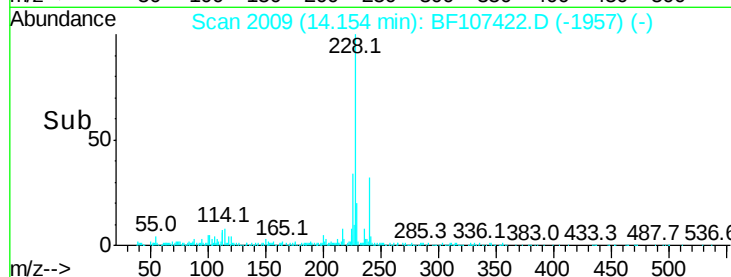
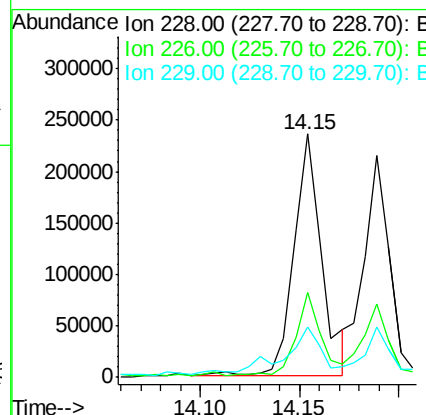
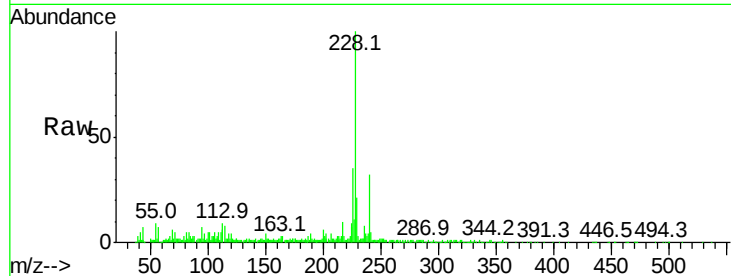
#80
Benzo(a)anthracene
Concen: 8.855 ng m
RT: 14.15 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

Instrument :
BNA_F
ClientSampleId :
HR-05-071218-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.8	22.6	33.8#
229	20.6	15.8	23.6

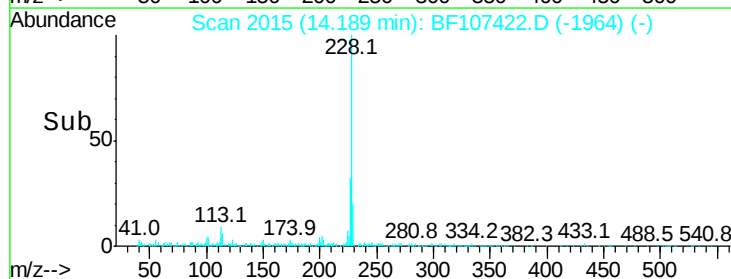
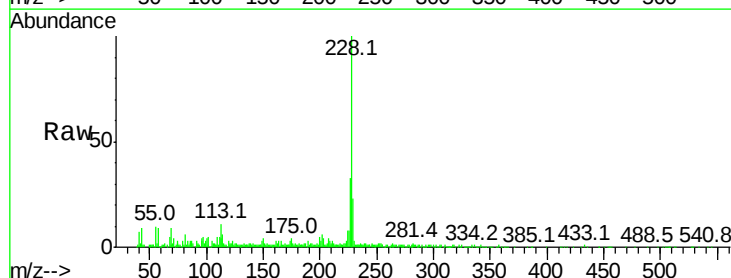
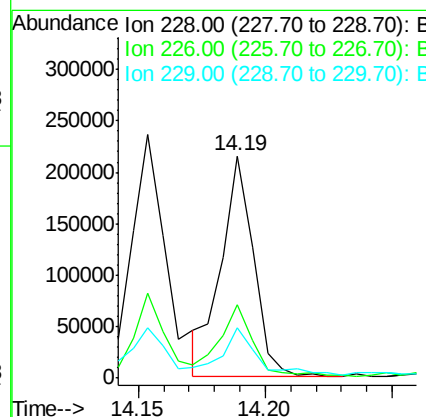
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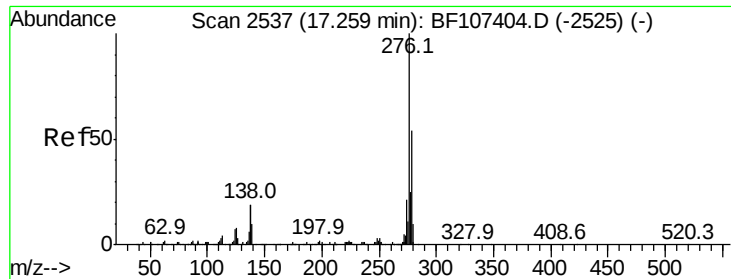
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#82
Chrysene
Concen: 7.758 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.0	37.6
229	22.9	16.2	24.4





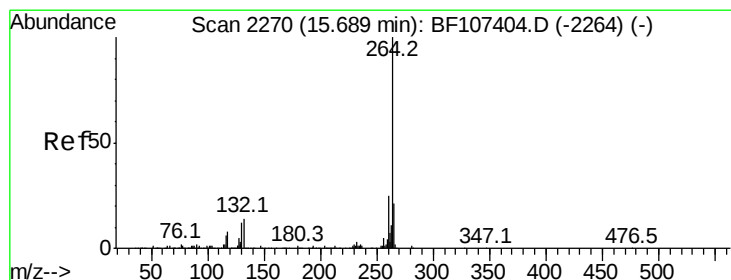
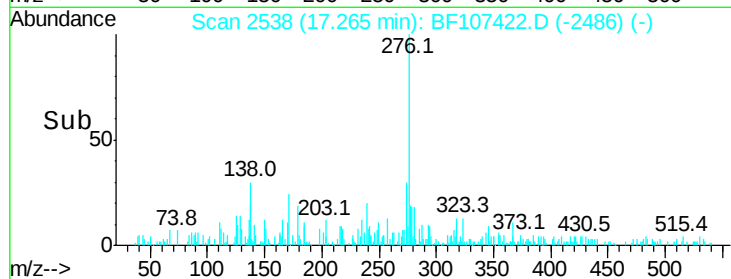
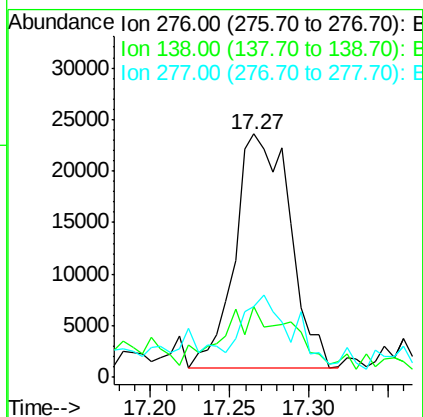
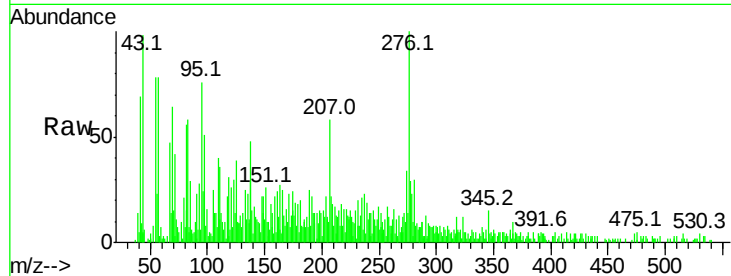
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.119 ng
RT: 17.27 min Scan# 2538
Delta R.T. 0.01 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

Instrument :
BNA_F
ClientSampleId :
HR-05-071218-C

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.8	25.0	37.6#
277	24.8	20.1	30.1

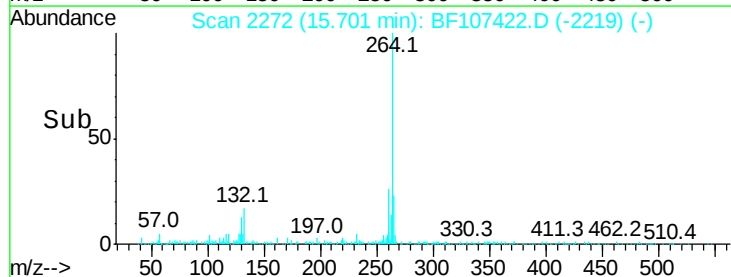
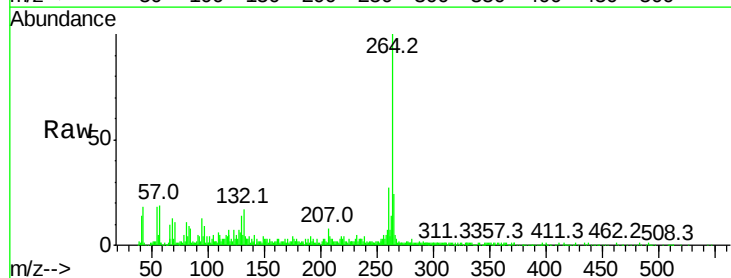
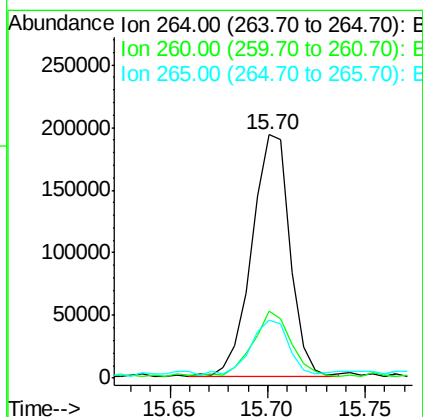
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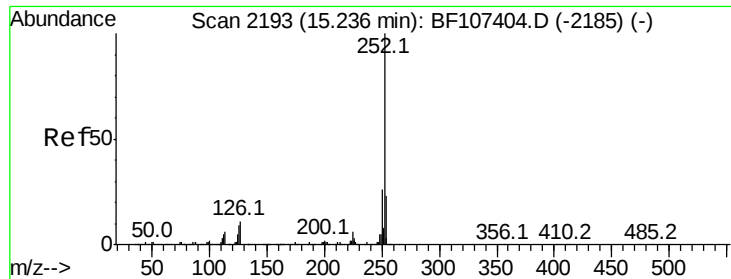
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.4	19.2	28.8
265	23.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 12.789 ng m

RT: 15.24 min Scan# 2194

Delta R.T. 0.01 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Instrument :

BNA_F

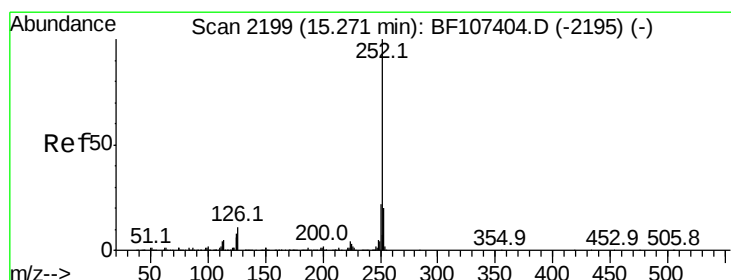
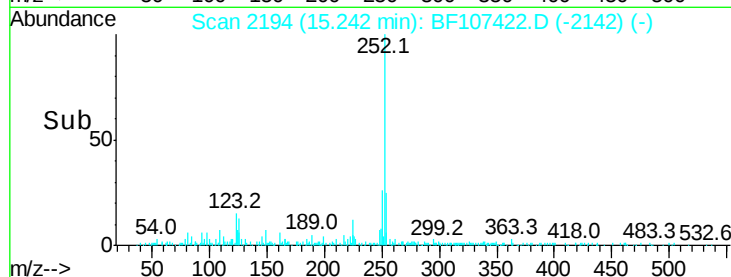
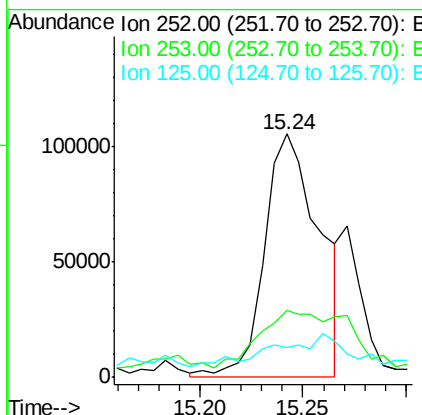
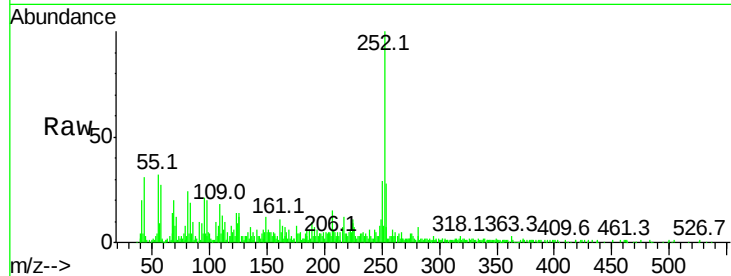
ClientSampleId :

HR-05-071218-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.0	25.6#
125	12.4	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 3.166 ng m

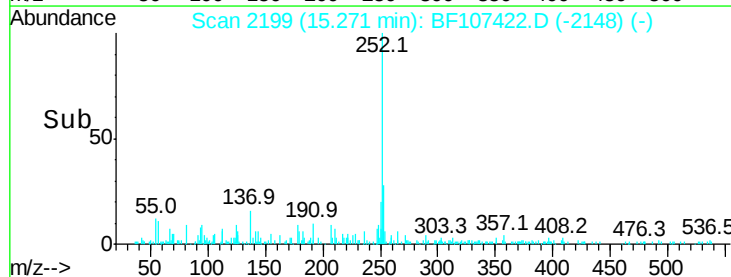
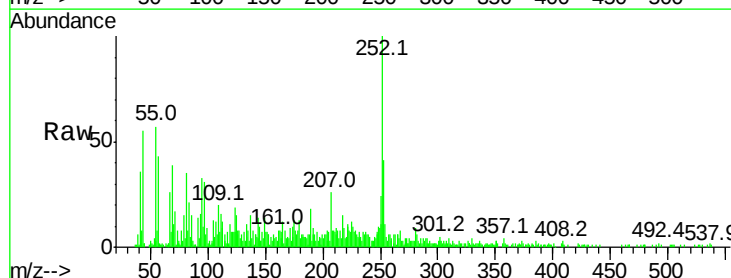
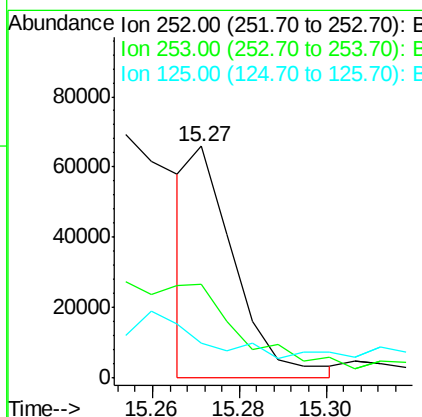
RT: 15.27 min Scan# 2199

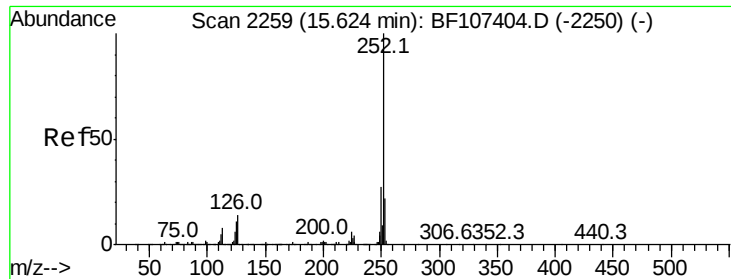
Delta R.T. -0.00 min

Lab File: BF107422.D

Acq: 17 Jul 2018 00:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	40.7	17.9	26.9#
125	15.2	10.2	15.2





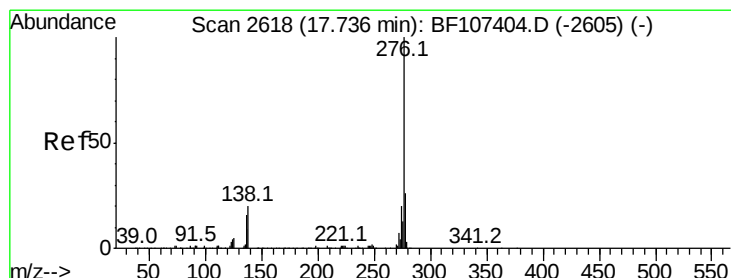
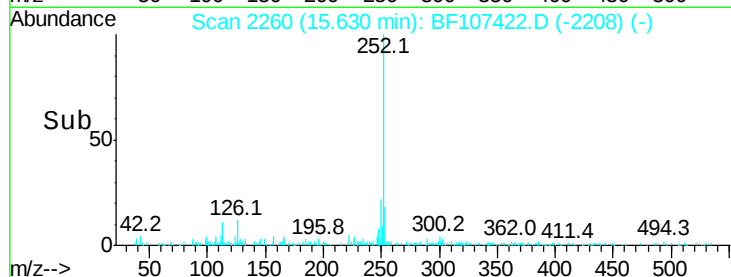
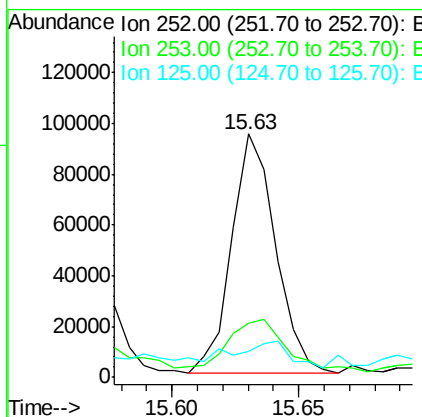
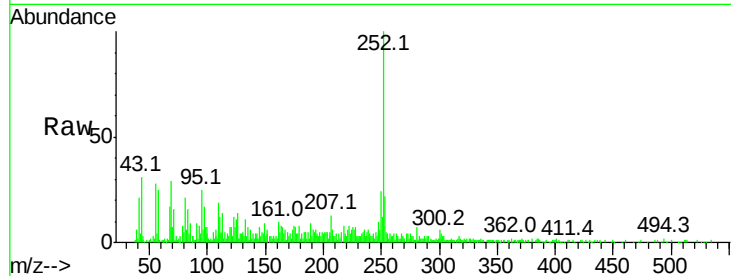
#89
Benzo(a)pyrene
Concen: 8.013 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

Instrument :
BNA_F
ClientSampleId :
HR-05-071218-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	10.5	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.982 ng
RT: 17.75 min Scan# 2621
Delta R.T. 0.02 min
Lab File: BF107422.D
Acq: 17 Jul 2018 00:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	17.0	17.9	26.9#
138	16.3	21.8	32.8#

