

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
 Data File : BF107370.D
 Acq On : 13 Jul 2018 16:35
 Operator : JU/SJ
 Sample : J3825-07 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Manual Integrations
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 7/16/2018 3:22:27 PM

Quant Time: Jul 16 11:04:04 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	46628	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	167344	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	77931	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	163089	20.00	ng	0.00
75) Chrysene-d12	14.14	240	152350	20.00	ng	0.00
86) Perylene-d12	15.68	264	108046	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	143689	52.18	ng	0.00
7) Phenol-d6	6.58	99	168507	49.00	ng	0.00
23) Nitrobenzene-d5	7.50	82	96318	31.99	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	44362	49.11	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	191603	32.51	ng	0.00
78) Terphenyl-d14	13.06	244	263103	41.83	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.68	163	30398	5.201	ng	Qvalue # 98
70) Phenanthrene	11.50	178	35075	4.459	ng	97
74) Fluoranthene	12.69	202	92132	10.626	ng	96
77) Pyrene	12.93	202	96227	9.578	ng	98
80) Benzo(a)anthracene	14.12	228	40311	4.341	ng	98
82) Chrysene	14.16	228	36474	4.270	ng	95
85) Indeno(1,2,3-cd)pyrene	17.27	276	15077	2.080	ng	# 94
87) Benzo(b)fluoranthene	15.22	252	39065m	5.820	ng	
88) Benzo(k)fluoranthene	15.24	252	12815m	2.005	ng	
89) Benzo(a)pyrene	15.61	252	24514	4.109	ng	# 91
91) Benzo(g,h,i)perylene	17.76	276	14844	3.003	ng	# 92

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

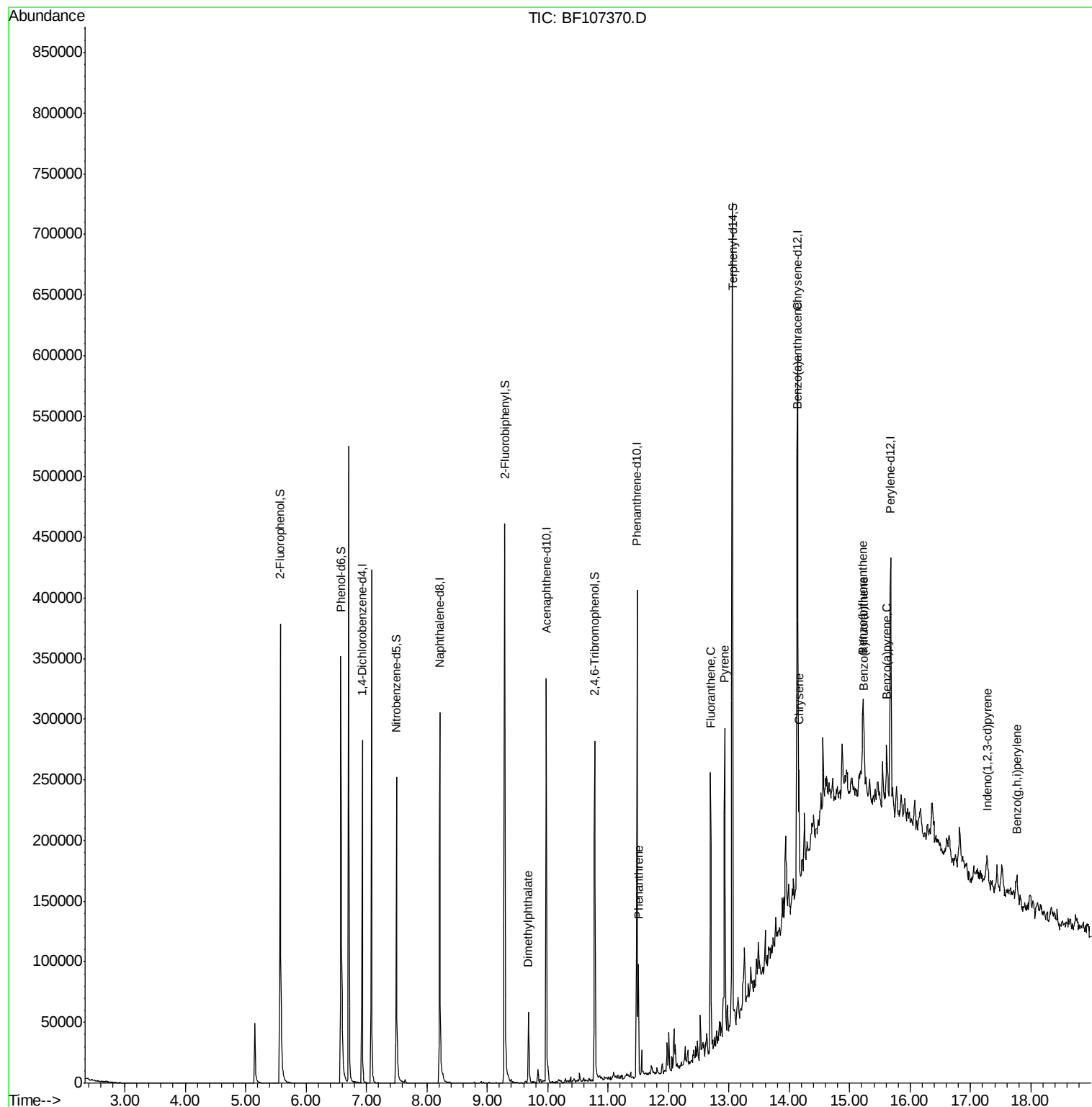
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107370.D
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Misc :
ALS Vial : 17 Sample Multiplier: 1

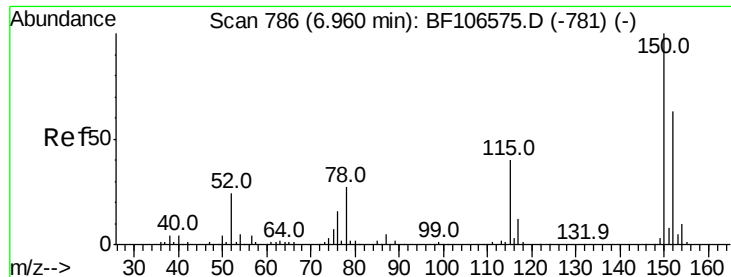
Instrument :
BNA_F
ClientSampleId :
CL-02-071118-D

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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#1

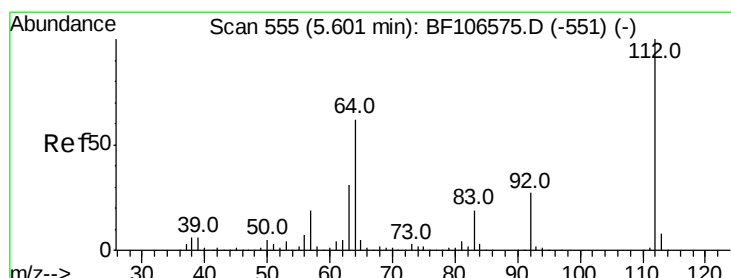
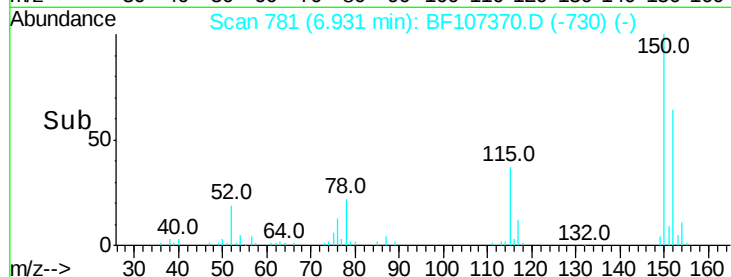
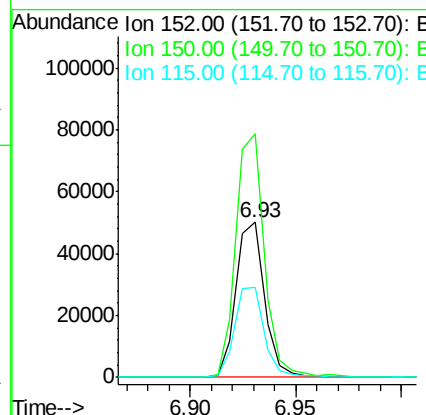
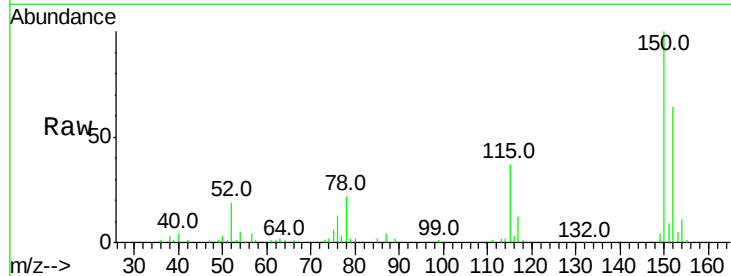
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF107370.D
Acq: 13 Jul 2018 16:35

Instrument :
BNA_F
ClientSampled :
CL-02-071118-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	58.3	50.1	75.1

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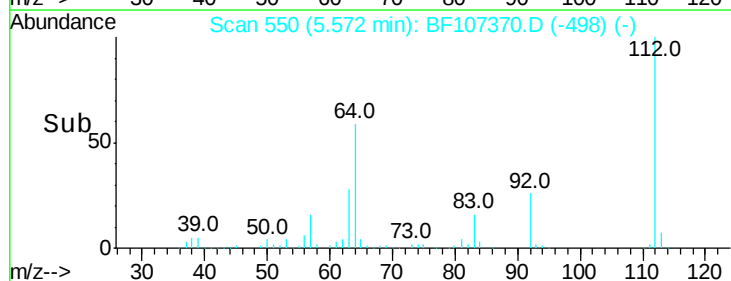
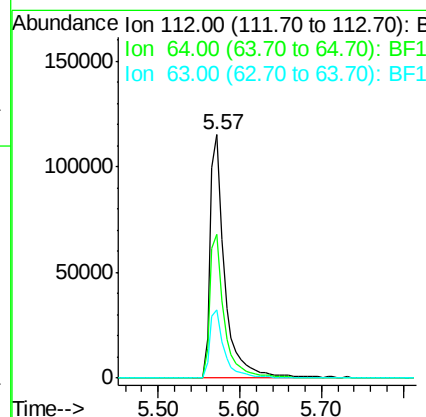
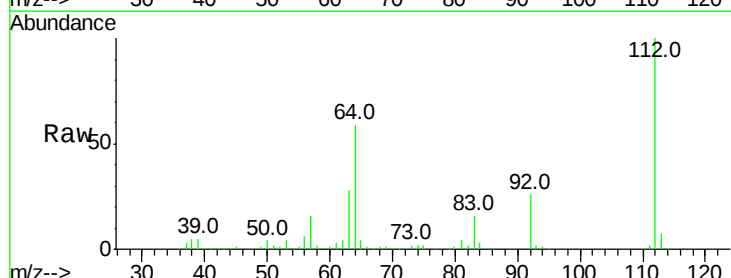
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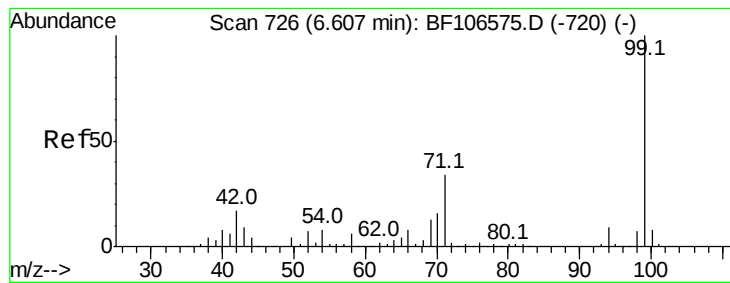


#5

2-Fluorophenol
Concen: 52.181 ng
RT: 5.57 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF107370.D
Acq: 13 Jul 2018 16:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.9	71.9
63	27.8	23.7	35.5





#7

Phenol-d6

Concen: 49.002 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF107370.D

Acq: 13 Jul 2018 16:35

Instrument :

BNA_F

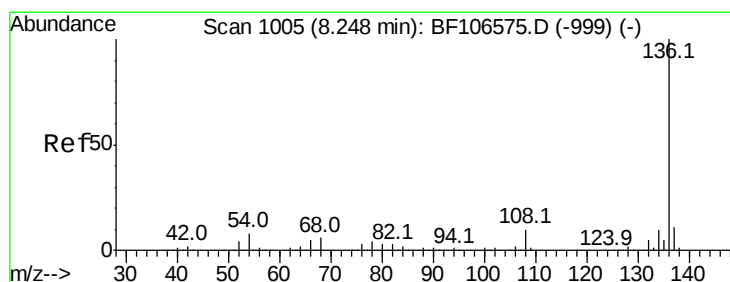
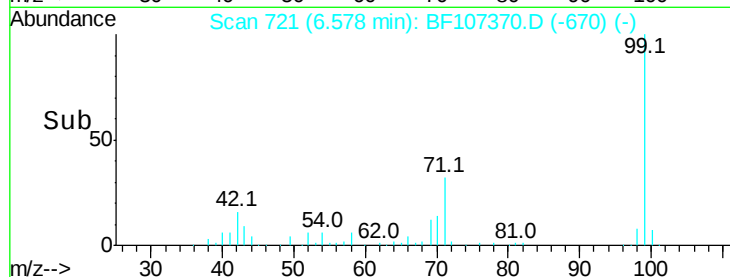
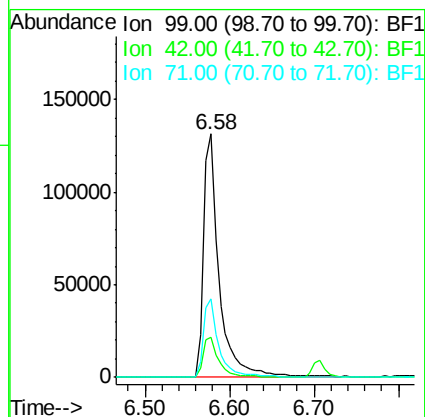
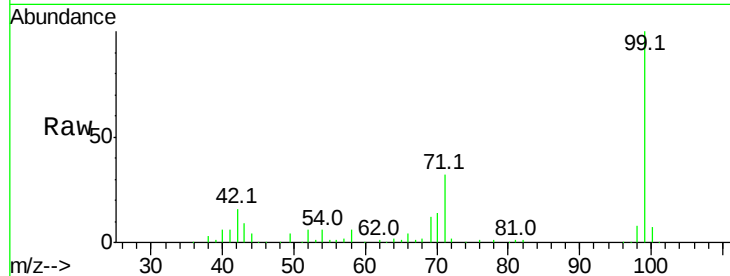
ClientSampled :

CL-02-071118-D

Tot Ion:	99	Resp:	168507
Ion Ratio	Lower	Upper	
99	100		
42	16.3	14.5	21.7
71	32.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

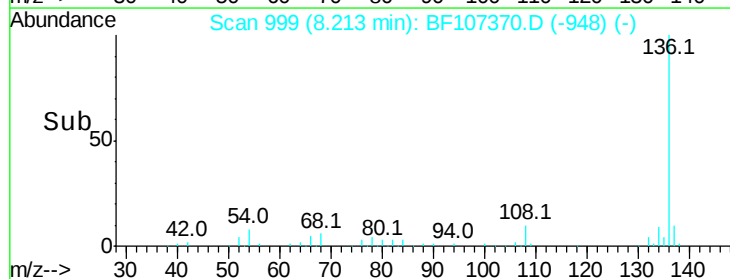
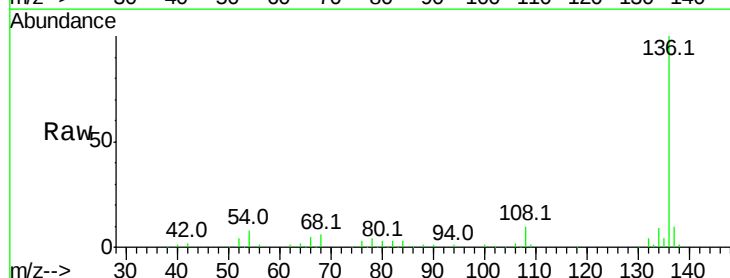
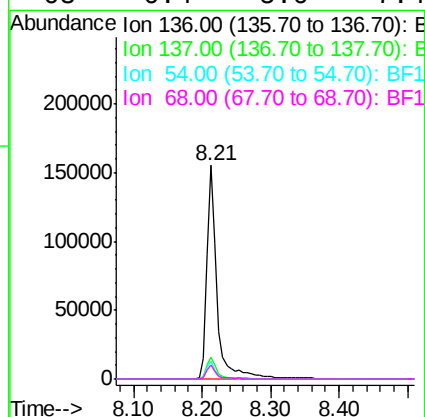
RT: 8.21 min Scan# 999

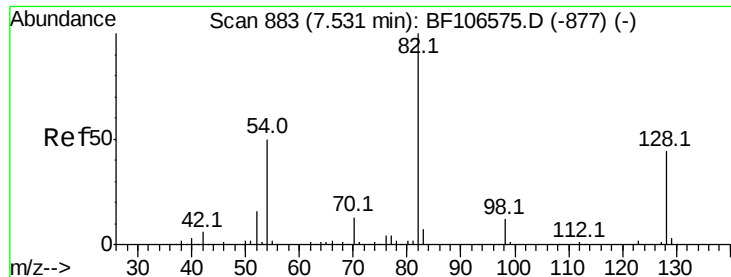
Delta R.T. 0.00 min

Lab File: BF107370.D

Acq: 13 Jul 2018 16:35

Tgt Ion:	136	Resp:	167344
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.9	13.3
54	8.3	6.6	9.8
68	6.4	5.0	7.4





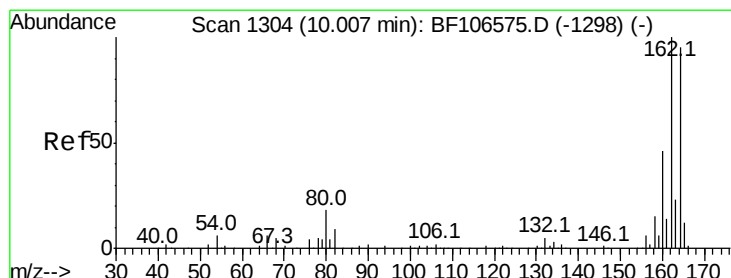
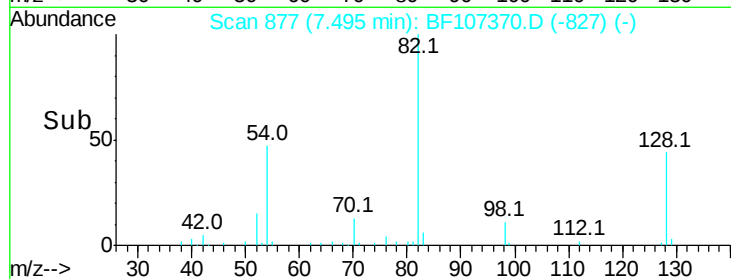
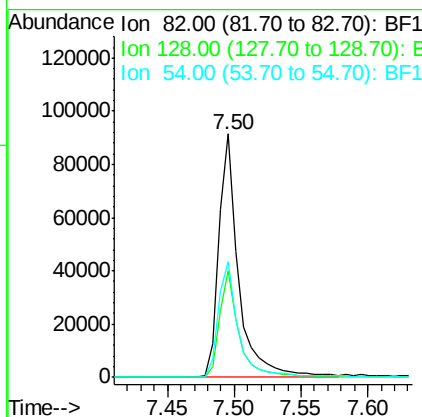
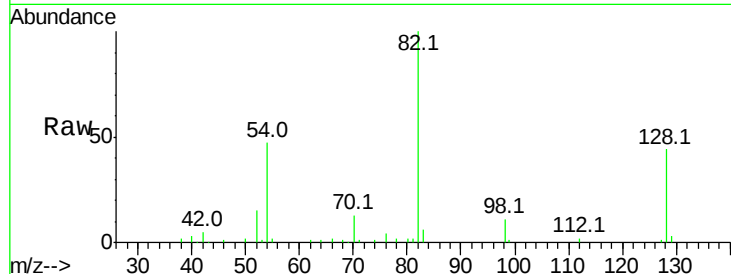
#23
 Nitrobenzene-d5
 Concen: 31.986 ng
 RT: 7.50 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF107370.D
 Acq: 13 Jul 2018 16:35

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

Tot Ion:	82	Resp:	96318
Ion Ratio	Lower	Upper	
82	100		
128	43.6	36.1	54.1
54	47.3	41.4	62.2

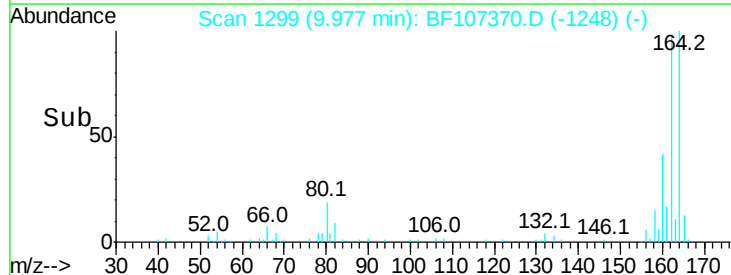
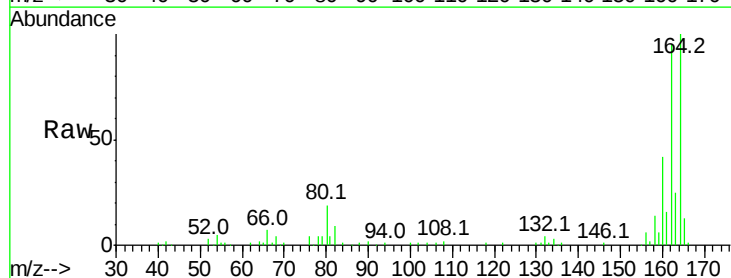
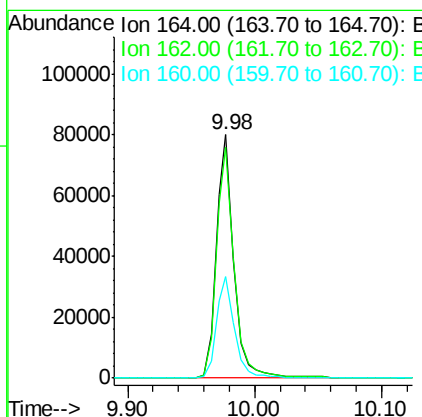
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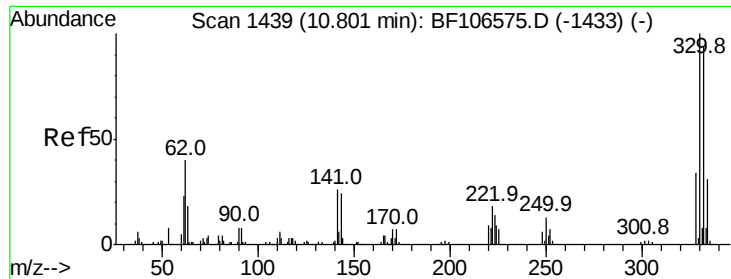
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF107370.D
 Acq: 13 Jul 2018 16:35

Tgt Ion:	164	Resp:	77931
Ion Ratio	Lower	Upper	
164	100		
162	95.0	86.1	129.1
160	41.7	38.3	57.5





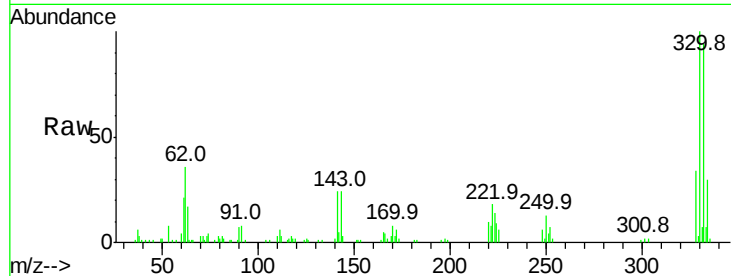
#41
 2,4,6-Tribromophenol
 Concen: 49.114 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF107370.D
 Acq: 13 Jul 2018 16:35

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

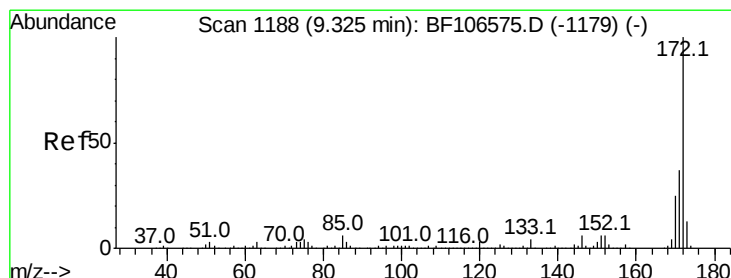
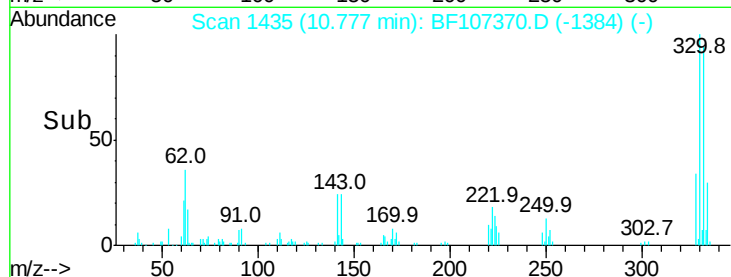
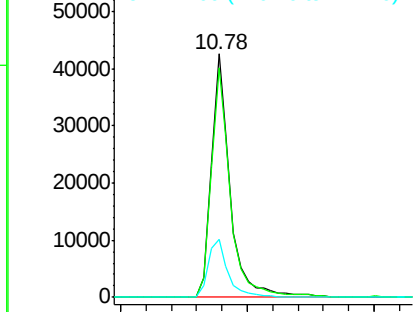
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	24.9	29.9	44.9#

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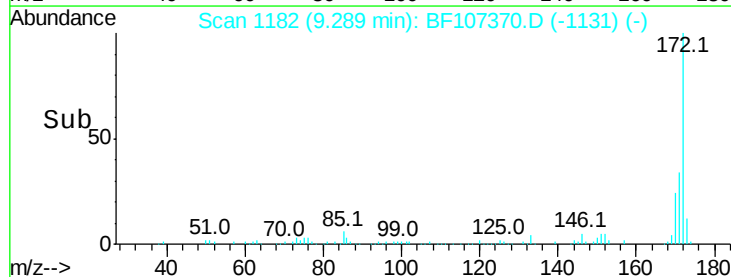
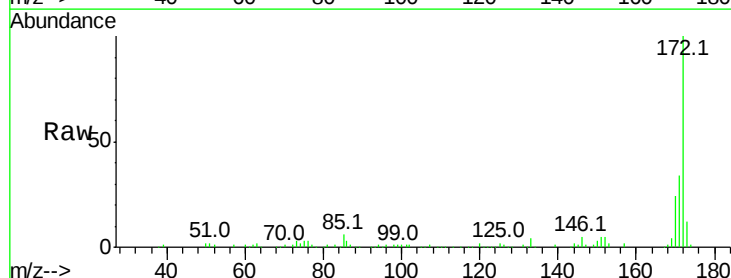
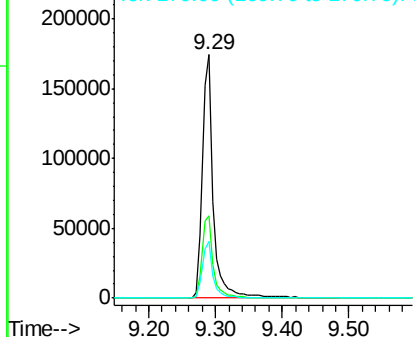
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

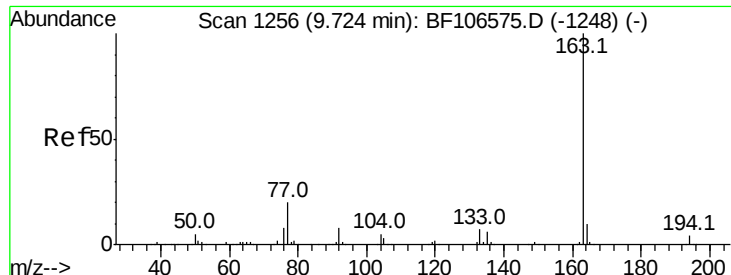


#44
 2-Fluorobiphenyl
 Concen: 32.505 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF107370.D
 Acq: 13 Jul 2018 16:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.7	44.5
170	23.6	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





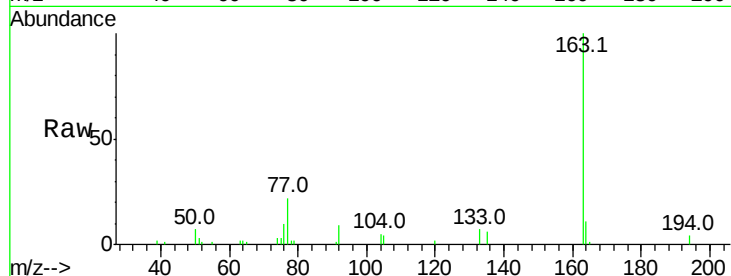
#49
Dimethylphthalate
Concen: 5.201 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF107370.D
Acq: 13 Jul 2018 16:35

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

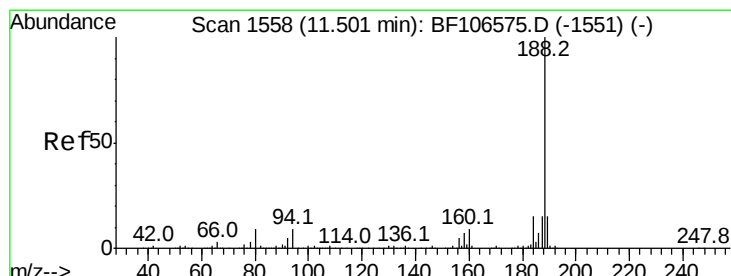
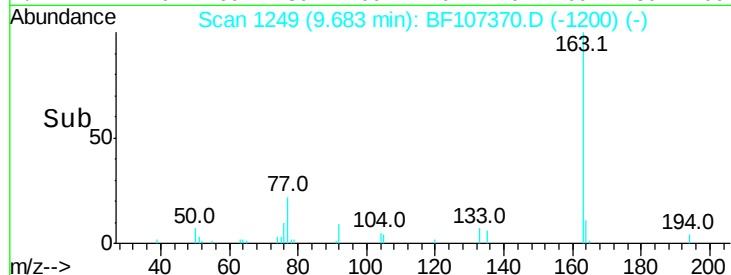
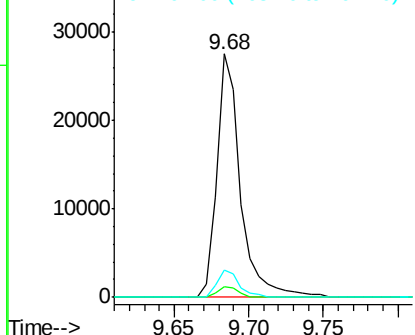
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.3	2.7	4.1#	
164	11.0	8.2	12.2	

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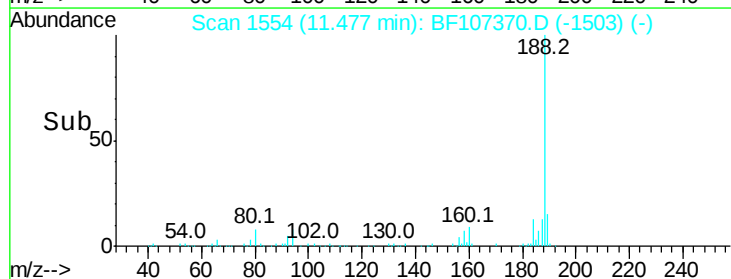
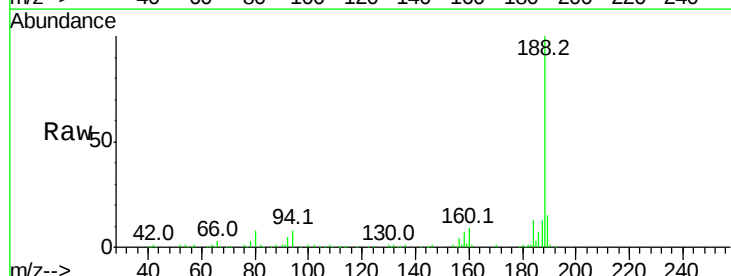
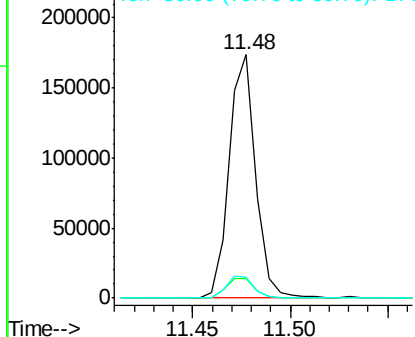
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

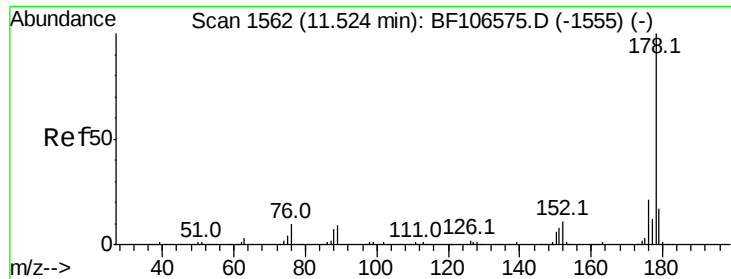


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BF107370.D
Acq: 13 Jul 2018 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.1	8.5	12.7#	
80	8.5	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





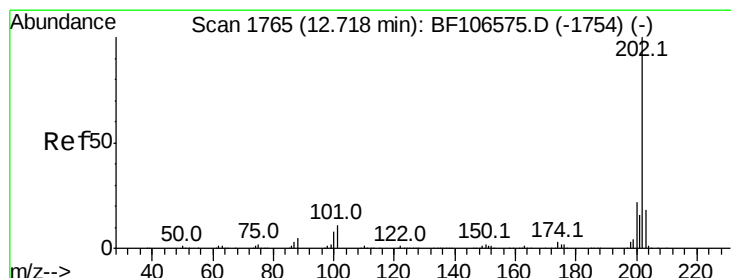
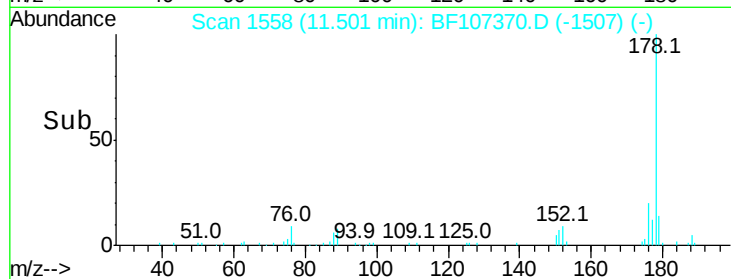
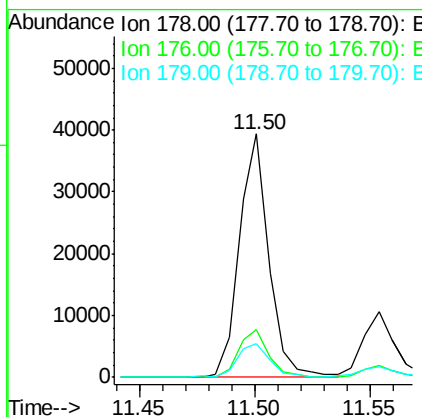
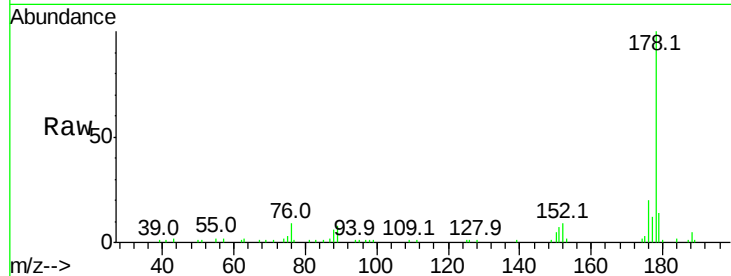
#70
Phenanthrene
Concen: 4.459 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107370.D
Acq: 13 Jul 2018 16:35

Instrument :
BNA_F
ClientSampled :
CL-02-071118-D

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	14.0	13.0	19.6

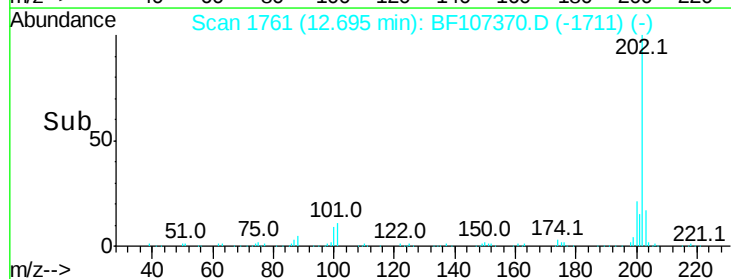
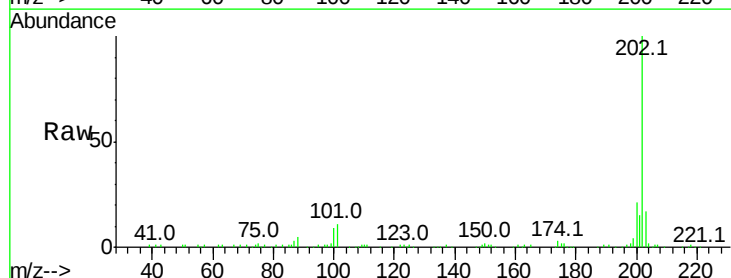
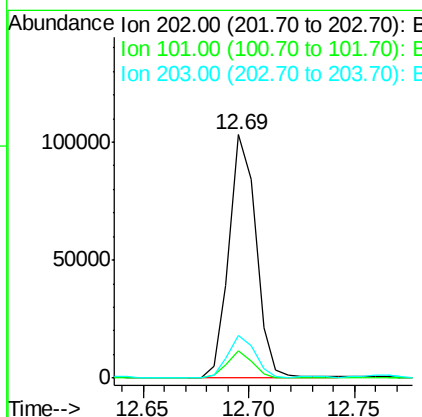
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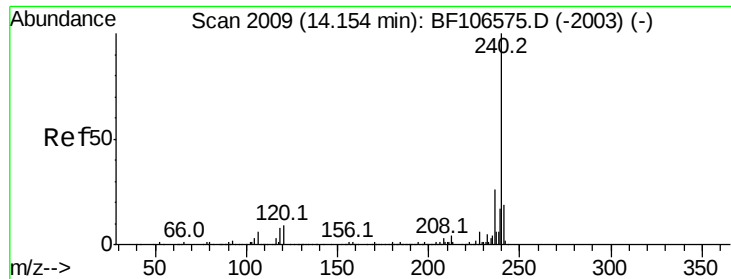
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#74
Fluoranthene
Concen: 10.626 ng
RT: 12.69 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF107370.D
Acq: 13 Jul 2018 16:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	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: BF107370.D

Acq: 13 Jul 2018 16:35

Instrument :

BNA_F

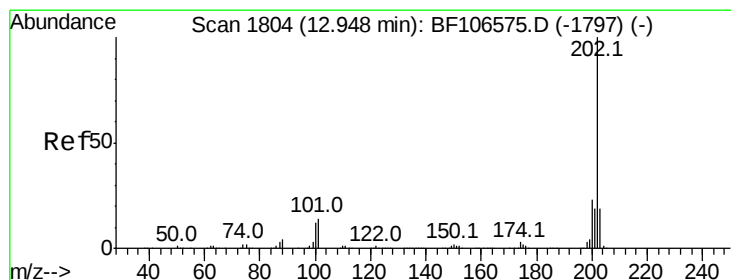
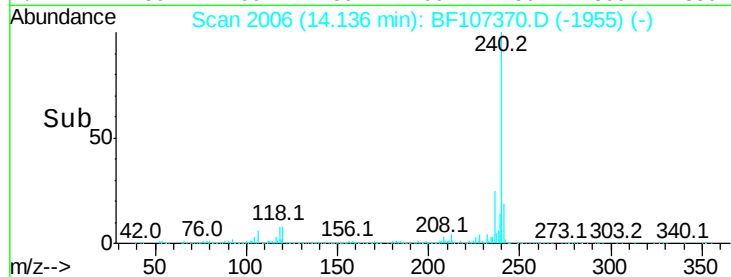
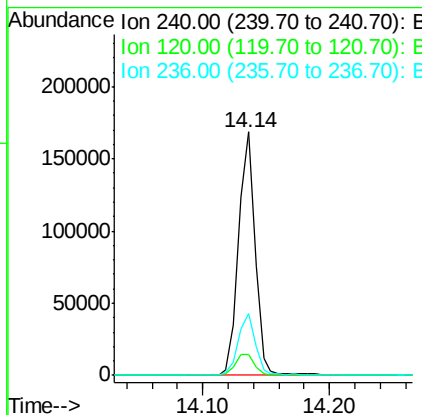
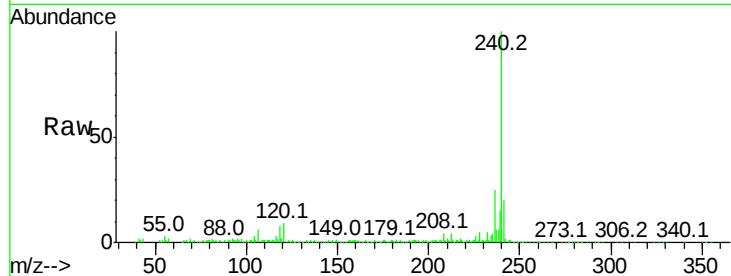
ClientSampleId :

CL-02-071118-D

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.5	9.5	14.3#
236	25.3	20.7	31.1

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#77

Pyrene

Concen: 9.578 ng

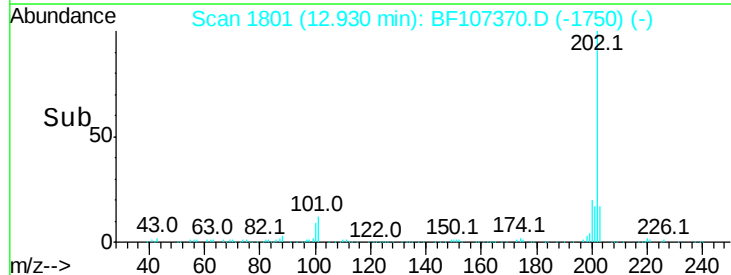
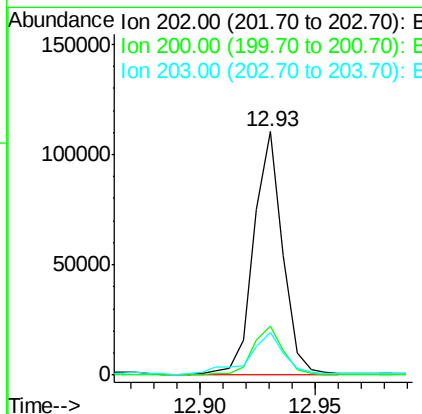
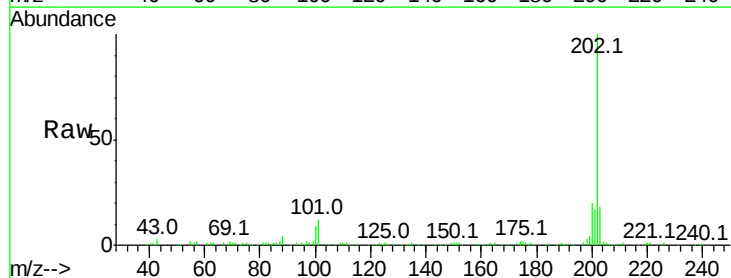
RT: 12.93 min Scan# 1801

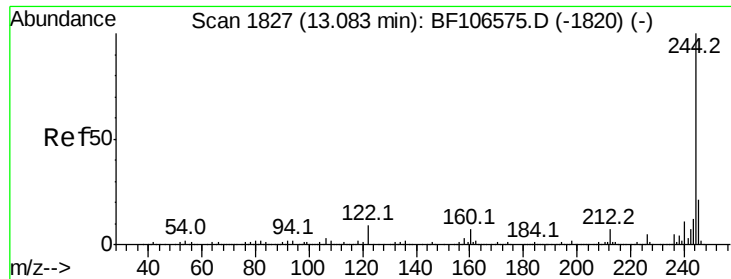
Delta R.T. 0.00 min

Lab File: BF107370.D

Acq: 13 Jul 2018 16:35

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	17.8	14.3	21.5





#78

Terphenyl-d14

Concen: 41.832 ng

RT: 13.06 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BF107370.D

Acq: 13 Jul 2018 16:35

Instrument :

BNA_F

ClientSampleId :

CL-02-071118-D

Tot Ion:244 Resp: 263103

Ion Ratio Lower Upper

244 100

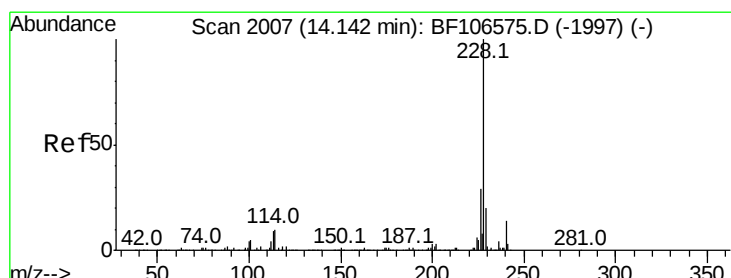
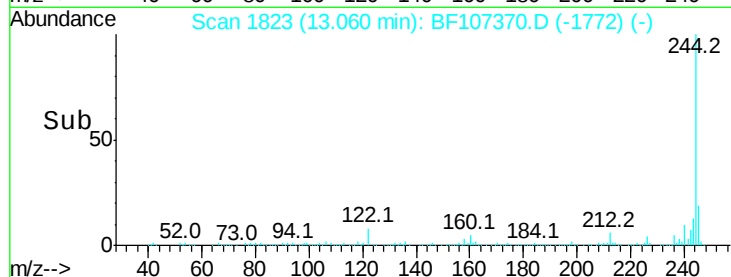
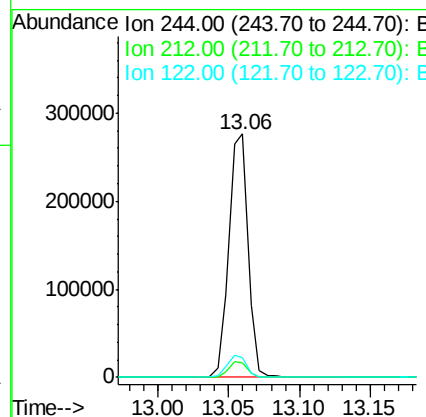
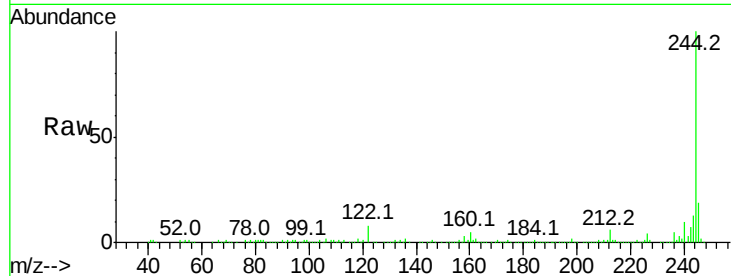
212 6.1 5.4 8.0

122 8.0 11.0 16.4#

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#80

Benzo(a)anthracene

Concen: 4.341 ng

RT: 14.12 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF107370.D

Acq: 13 Jul 2018 16:35

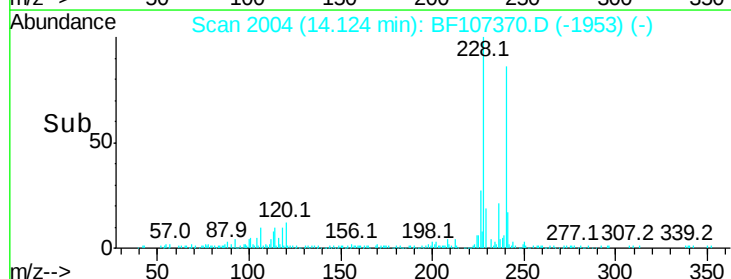
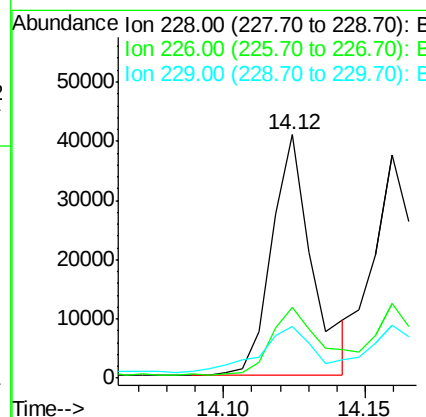
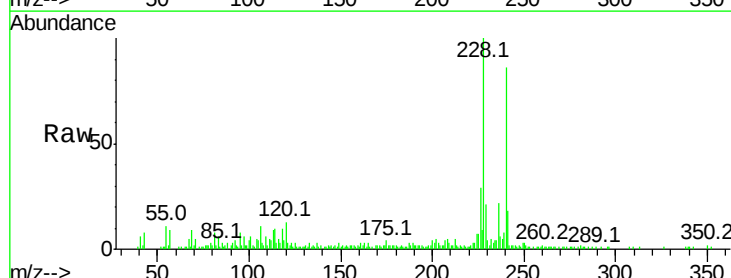
Tgt Ion:228 Resp: 40311

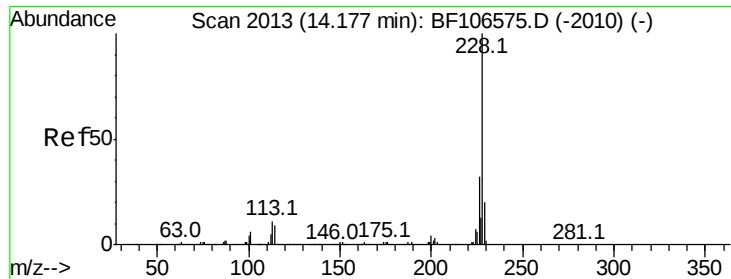
Ion Ratio Lower Upper

228 100

226 28.9 22.6 33.8

229 21.1 15.8 23.6





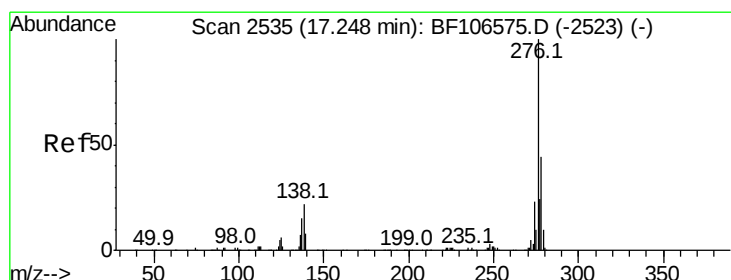
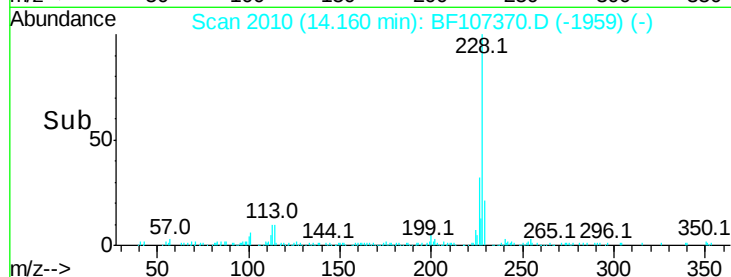
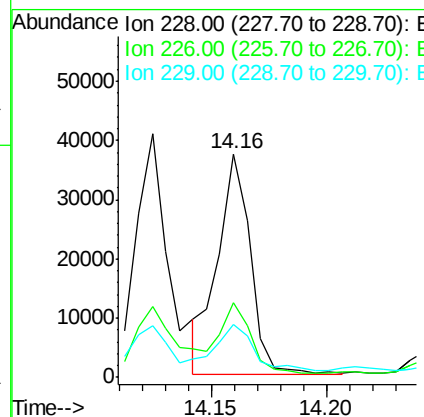
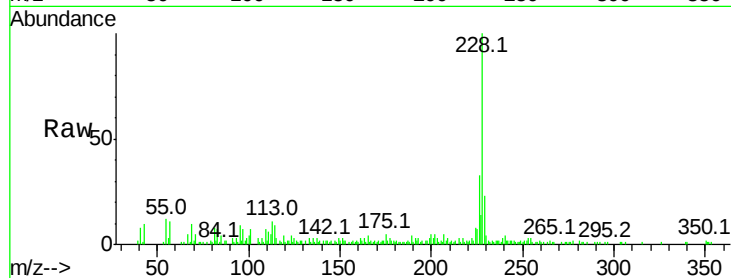
#82
Chrysene
Concen: 4.270 ng
RT: 14.16 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF107370.D
Acq: 13 Jul 2018 16:35

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

Tot Ion:	228	Resp:	36474
Ion Ratio	Lower	Upper	
228	100		
226	33.4	25.0	37.6
229	23.4	16.2	24.4

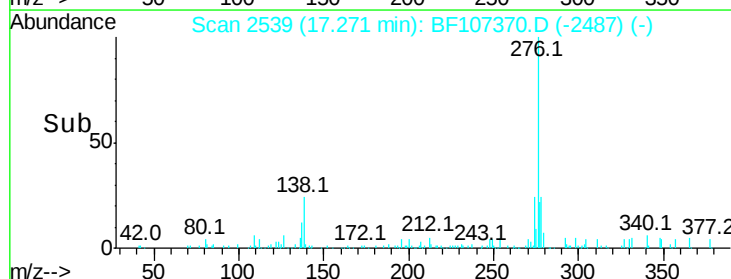
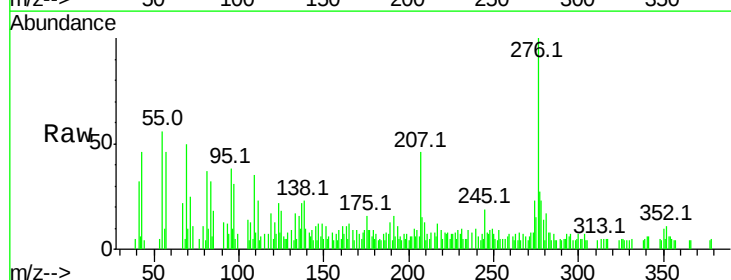
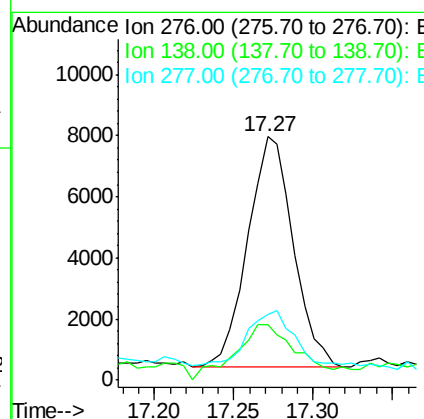
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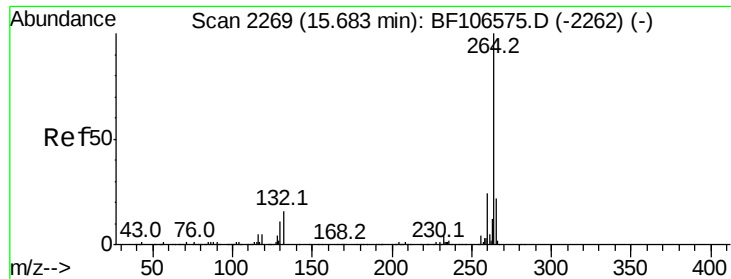
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.080 ng
RT: 17.27 min Scan# 2539
Delta R.T. 0.01 min
Lab File: BF107370.D
Acq: 13 Jul 2018 16:35

Tgt Ion:	276	Resp:	15077
Ion Ratio	Lower	Upper	
276	100		
138	32.7	25.0	37.6
277	30.4	20.1	30.1#





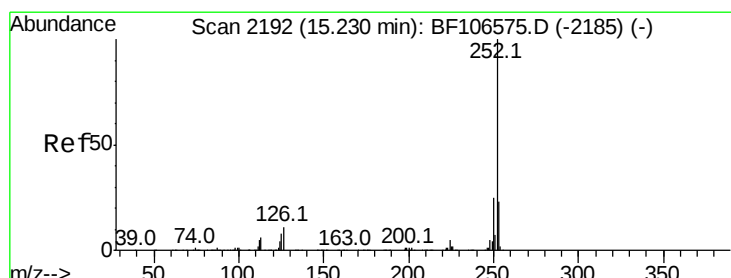
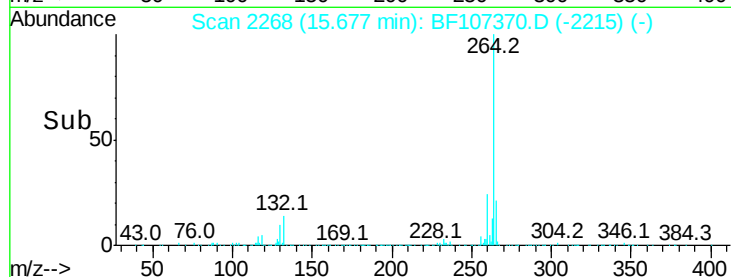
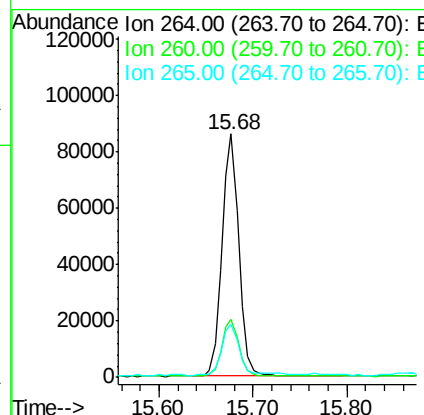
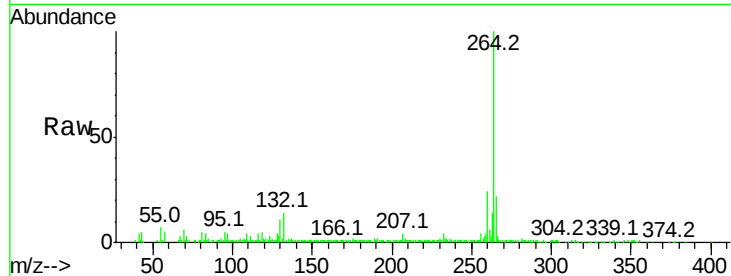
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF107370.D
Acq: 13 Jul 2018 16:35

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.6	17.5	26.3

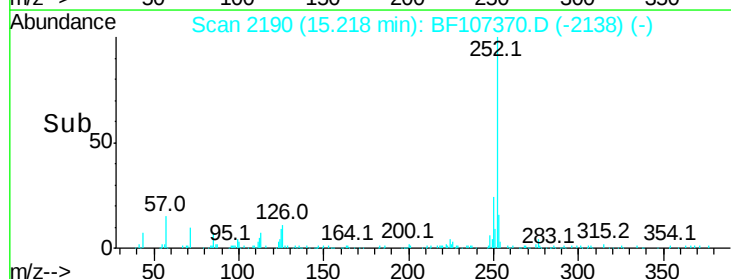
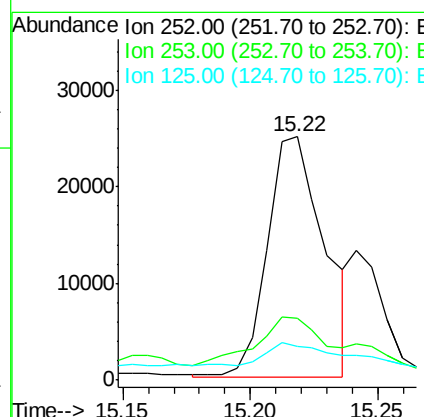
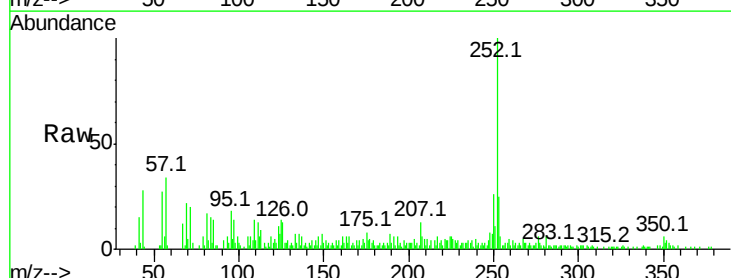
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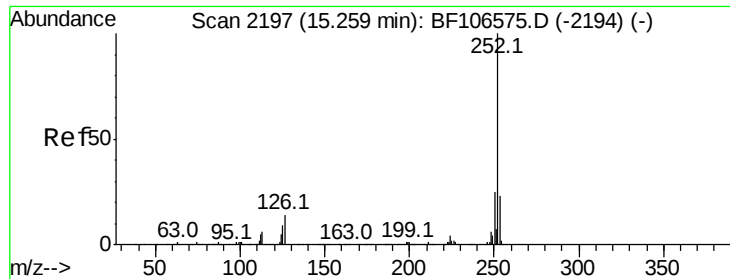
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#87
Benzo(b)fluoranthene
Concen: 5.820 ng m
RT: 15.22 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BF107370.D
Acq: 13 Jul 2018 16:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.0	25.6
125	14.0	9.0	13.6





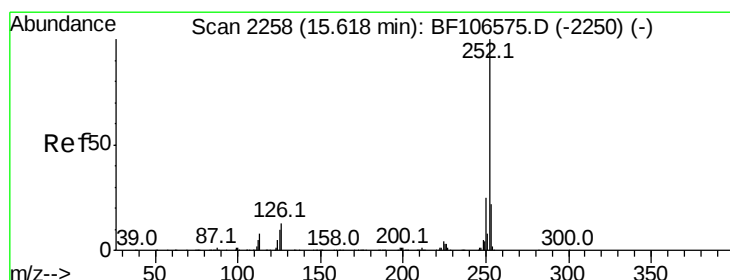
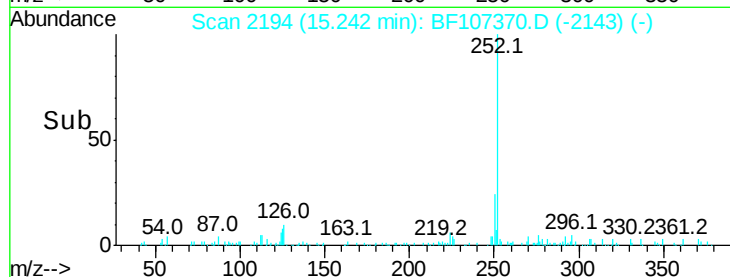
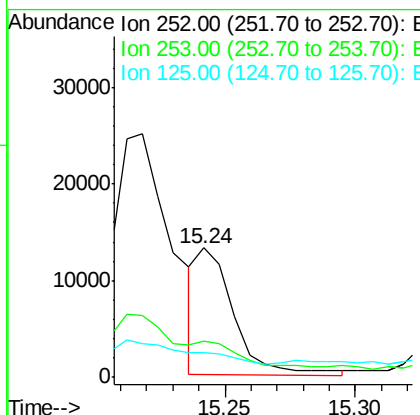
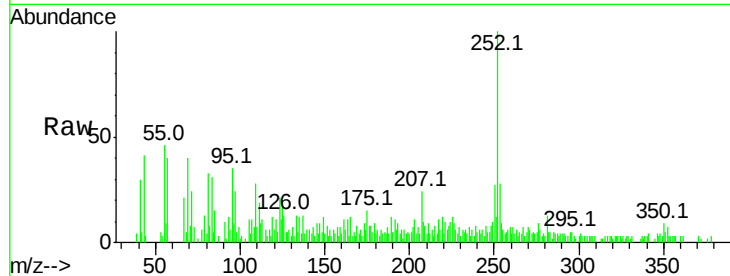
#88
Benzo(k)fluoranthene
Concen: 2.005 ng/mL
RT: 15.24 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BF107370.D
Acq: 13 Jul 2018 16:35

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.9	26.9#
125	19.5	10.2	15.2#

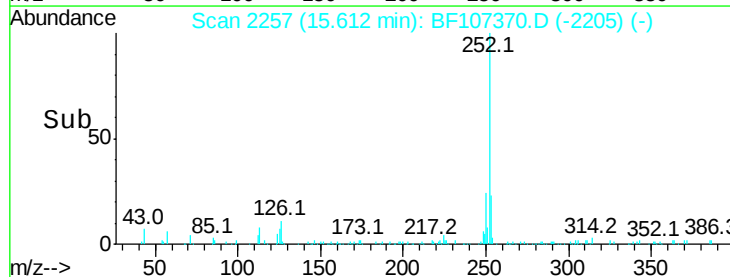
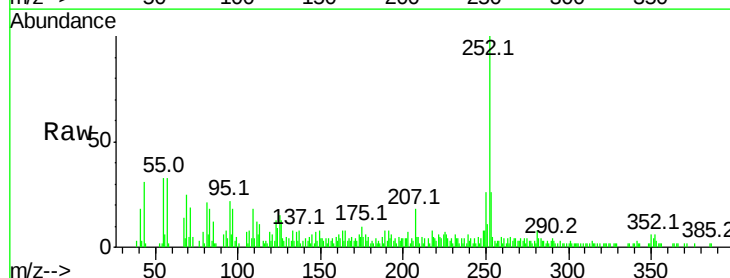
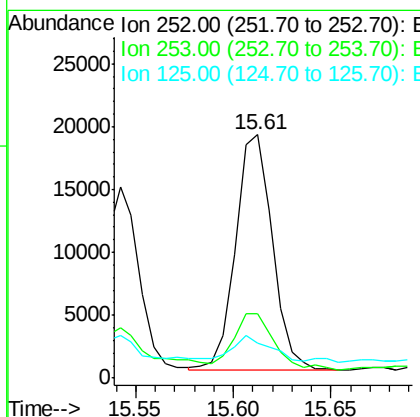
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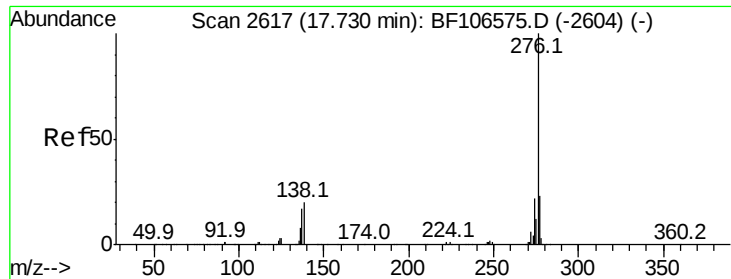
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#89
Benzo(a)pyrene
Concen: 4.109 ng/mL
RT: 15.61 min Scan# 2257
Delta R.T. 0.01 min
Lab File: BF107370.D
Acq: 13 Jul 2018 16:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.1	25.7#
125	14.6	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 3.003 ng
 RT: 17.76 min Scan# 2622
 Delta R.T. 0.01 min
 Lab File: BF107370.D
 Acq: 13 Jul 2018 16:35

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.7	17.9	26.9#
138	24.2	21.8	32.8

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