

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106887.D
 Acq On : 27 Jun 2018 21:59
 Operator : JU/SJ
 Sample : J3242-15 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-H

Manual Integrations
 APPROVED

Sohil
 6/28/2018 2:21:41 PM

Quant Time: Jun 28 04:38:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	21836	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	78925	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	33217	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	59649	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	62459	20.00	ng	-0.02
86) Perylene-d12	15.68	264	44297	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	141771	109.94	ng	-0.01
7) Phenol-d6	6.60	99	174250	108.20	ng	-0.02
23) Nitrobenzene-d5	7.51	82	101830	71.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	41074	106.69	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	197264	103.78	ng	-0.02
78) Terphenyl-d14	13.07	244	218406	84.70	ng	-0.01
Target Compounds						
10) Phenol	6.61	94	4571	2.487	ng	92
49) Dimethylphthalate	9.70	163	38053	15.274	ng	# 97
70) Phenanthrene	11.51	178	12182	4.234	ng	97
74) Fluoranthene	12.71	202	30690	9.678	ng	95
77) Pyrene	12.94	202	30706	7.455	ng	99
80) Benzo(a)anthracene	14.13	228	18223	4.787	ng	96
82) Chrysene	14.17	228	16119m	4.603	ng	
85) Indeno(1,2,3-cd)pyrene	17.25	276	6561	2.208	ng	# 85
87) Benzo(b)fluoranthene	15.22	252	15819m	5.749	ng	
88) Benzo(k)fluoranthene	15.25	252	6479m	2.472	ng	
89) Benzo(a)pyrene	15.61	252	12262	5.013	ng	# 90
91) Benzo(a,h,i)perylene	17.74	276	6458	3.187	ng	# 88

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

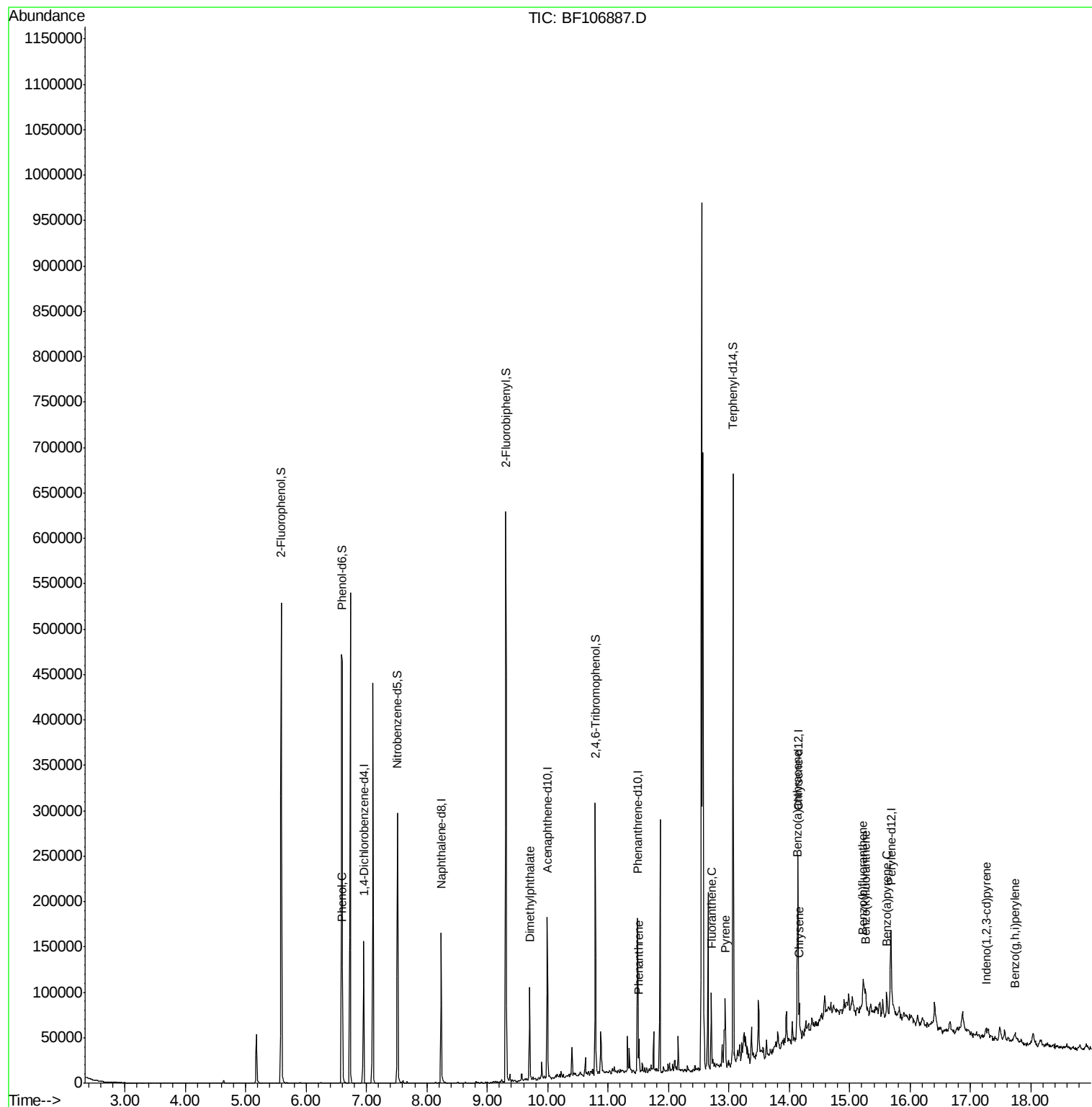
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
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#1

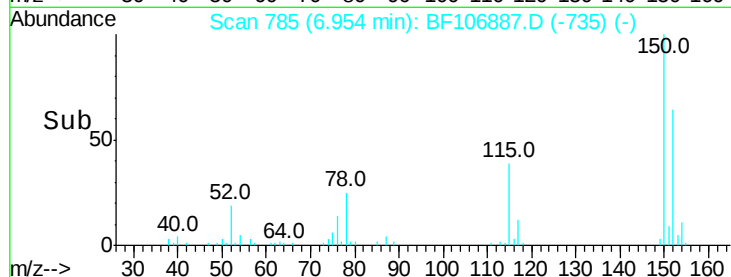
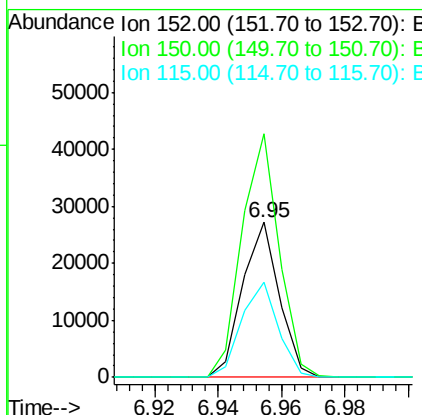
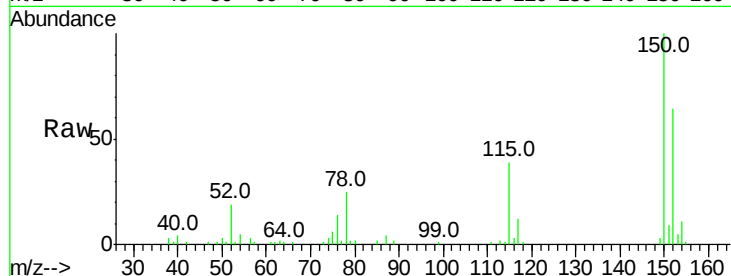
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106887.D
Acq: 27 Jun 2018 21:59

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-H

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	61.6	50.1	75.1

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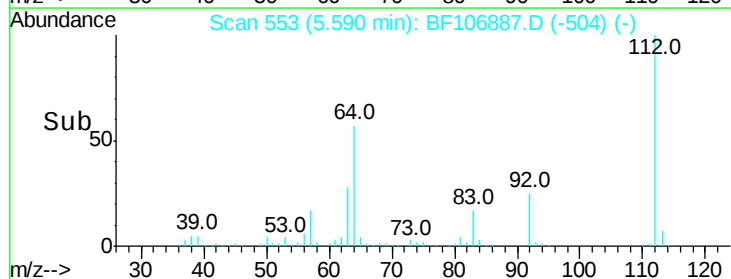
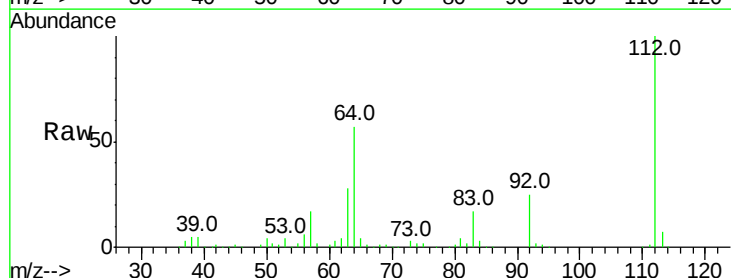
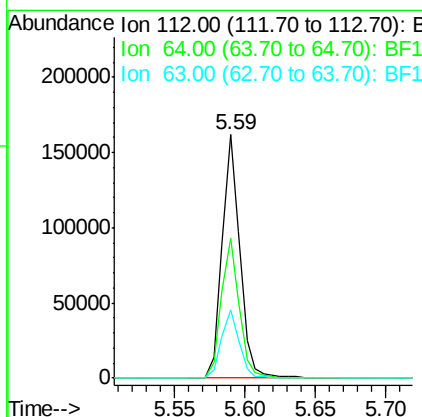
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#5

2-Fluorophenol
Concen: 109.939 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106887.D
Acq: 27 Jun 2018 21:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.9	71.9
63	27.8	23.7	35.5





#7

Phenol-d6

Concen: 108.204 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106887.D

Acq: 27 Jun 2018 21:59

Instrument :

BNA_F

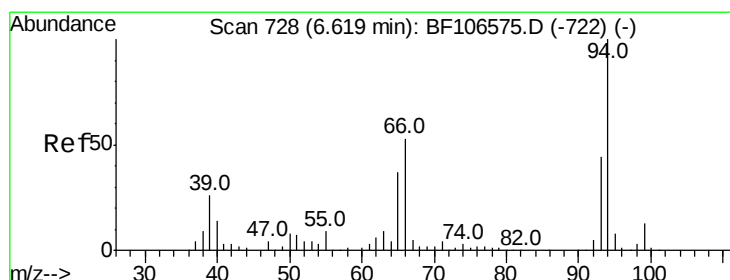
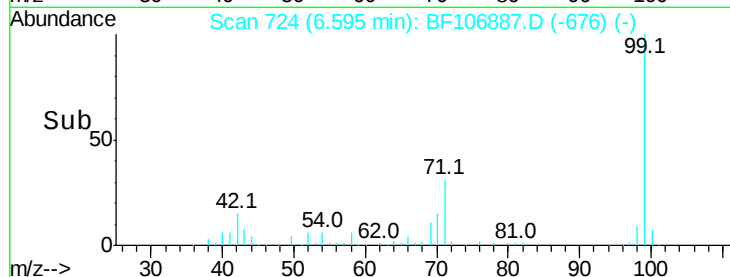
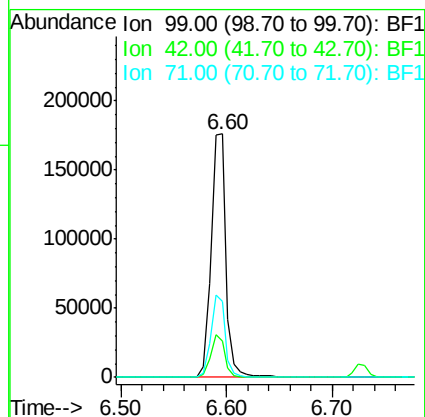
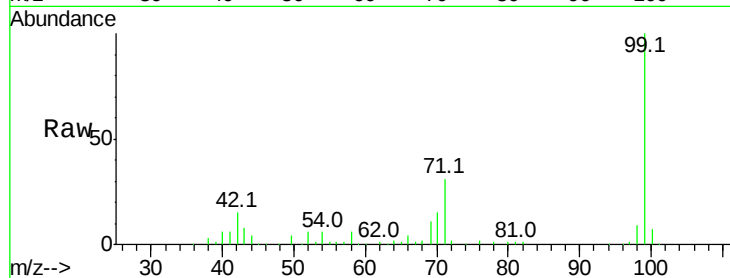
ClientSampleId :

JC-02-062618-H

Tot Ion:	99	Resp:	174250
Ion Ratio	Lower	Upper	
99	100		
42	15.0	14.5	21.7
71	31.3	25.4	38.0

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#10

Phenol

Concen: 2.487 ng

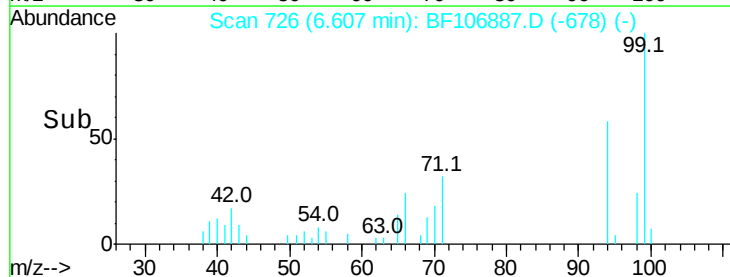
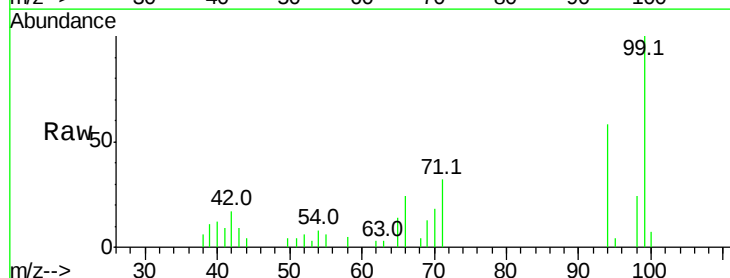
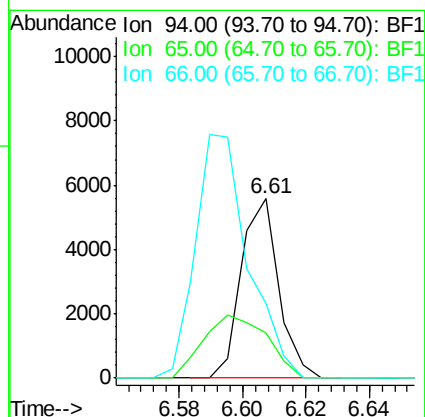
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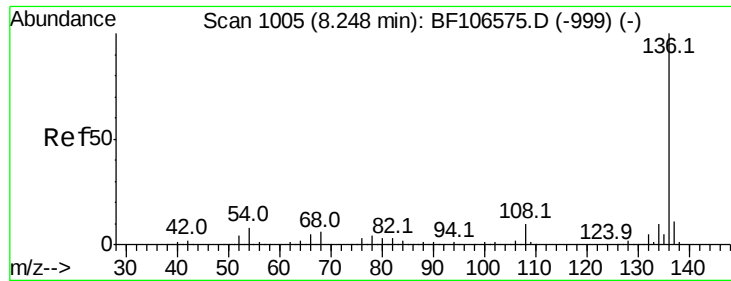
Delta R.T. -0.02 min

Lab File: BF106887.D

Acq: 27 Jun 2018 21:59

Tgt Ion:	94	Resp:	4571
Ion Ratio	Lower	Upper	
94	100		
65	24.9	7.9	47.9
66	41.5	16.2	56.2





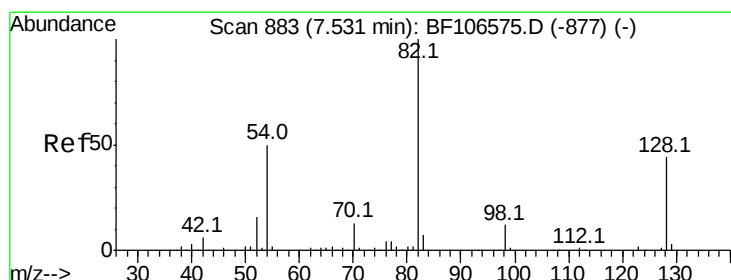
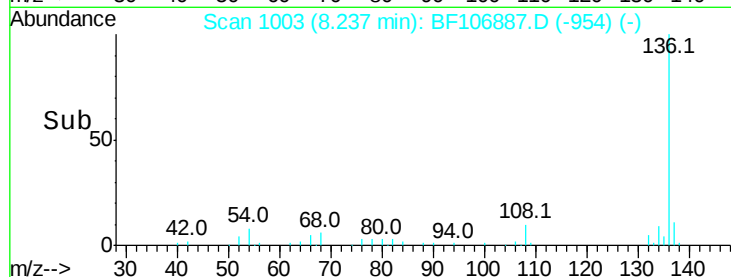
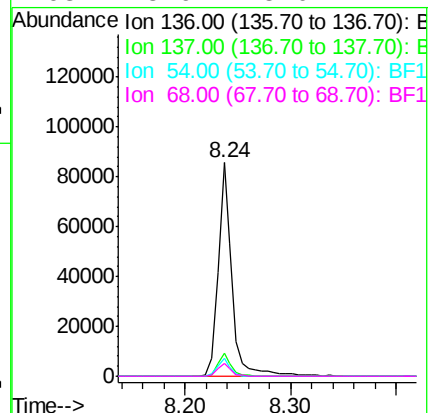
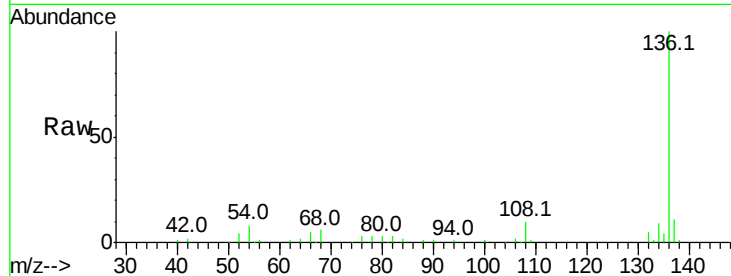
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106887.D
Acq: 27 Jun 2018 21:59

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-H

Tot Ion	136	Resp:	78925
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	8.3	6.6	9.8
68	5.9	5.0	7.4

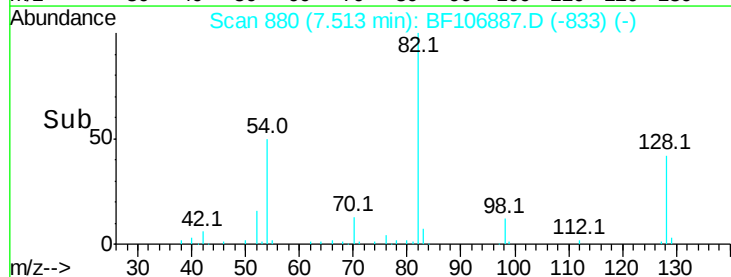
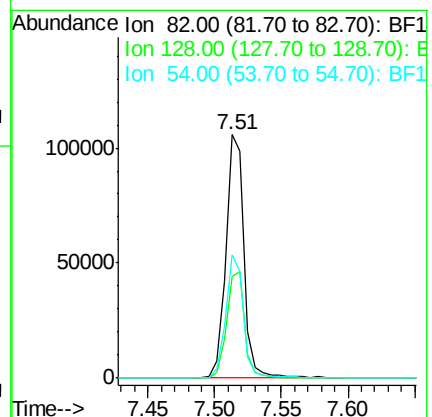
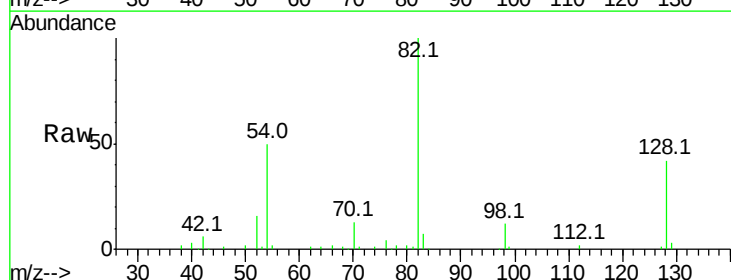
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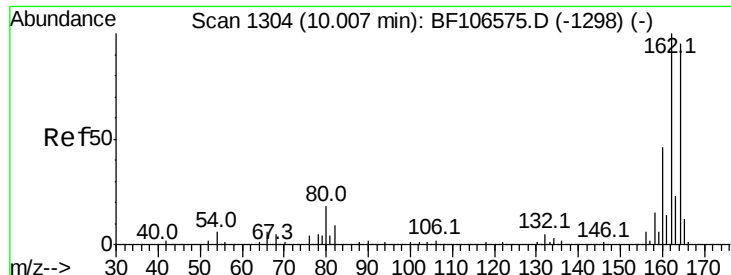
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#23
Nitrobenzene-d5
Concen: 71.702 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF106887.D
Acq: 27 Jun 2018 21:59

Tgt Ion	82	Resp:	101830
Ion Ratio	Lower	Upper	
82	100		
128	41.7	36.1	54.1
54	50.5	41.4	62.2





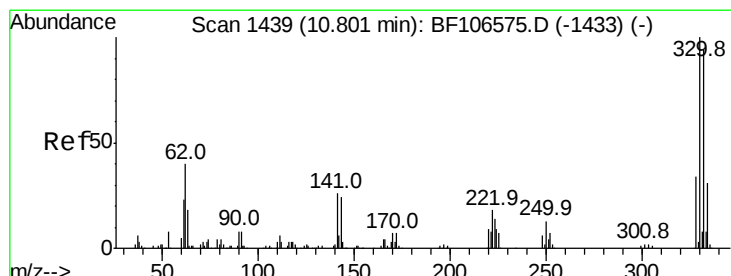
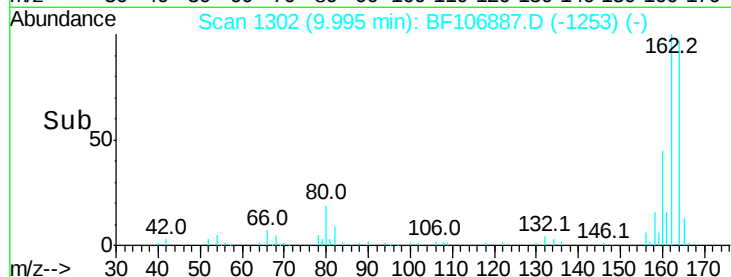
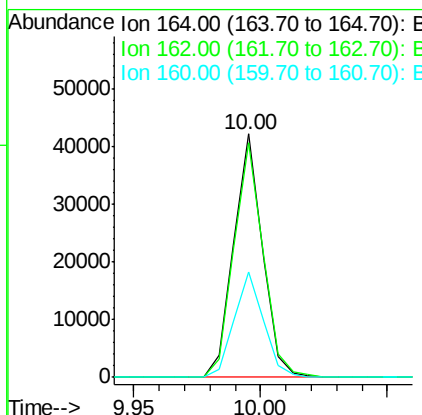
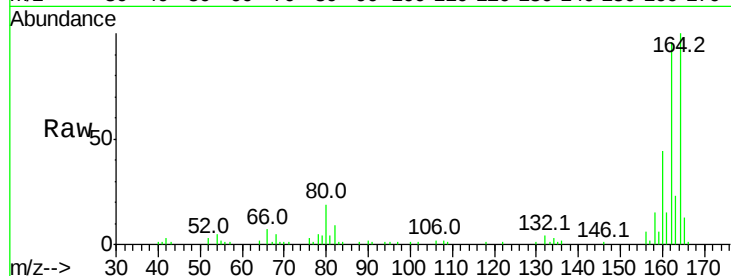
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106887.D
Acq: 27 Jun 2018 21:59

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-H

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.3	86.1	129.1
160	43.5	38.3	57.5

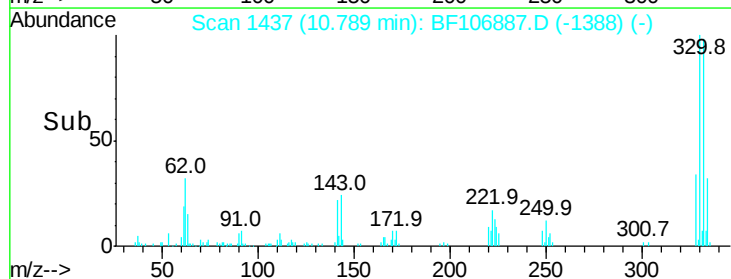
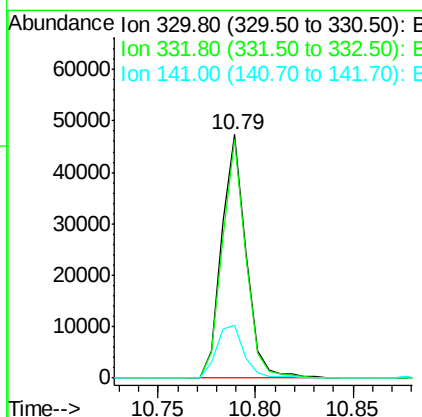
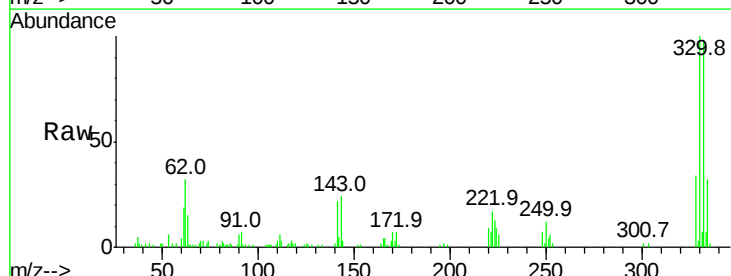
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#41
2,4,6-Tribromophenol
Concen: 106.687 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106887.D
Acq: 27 Jun 2018 21:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	24.9	29.9	44.9#





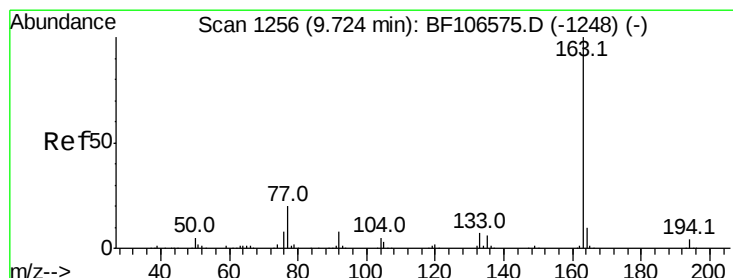
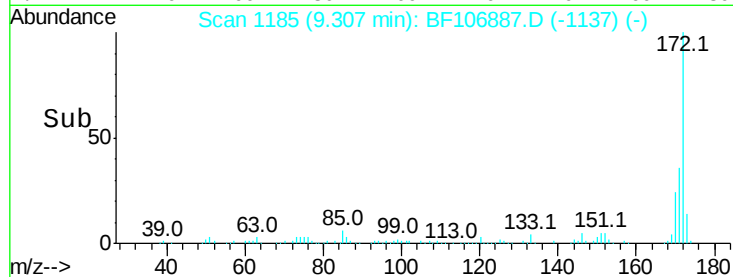
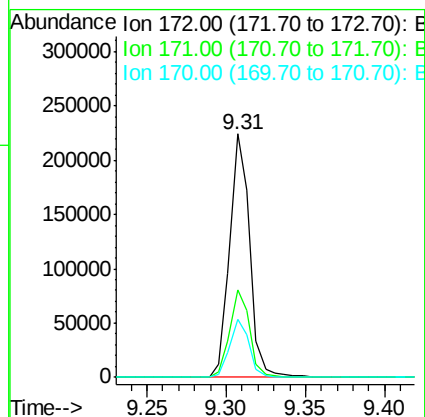
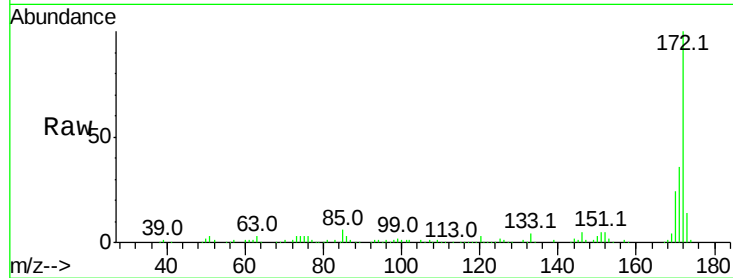
#44
 2-Fluorobiphenyl
 Concen: 103.778 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106887.D
 Acq: 27 Jun 2018 21:59

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-H

Tot Ion	Ratio	Resp	Lower	Upper
172	100	197264		
171	36.1		29.7	44.5
170	23.9		19.6	29.4

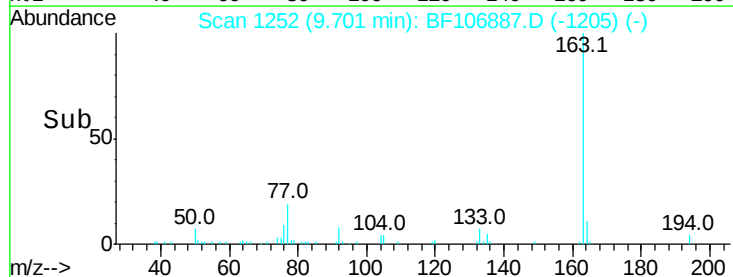
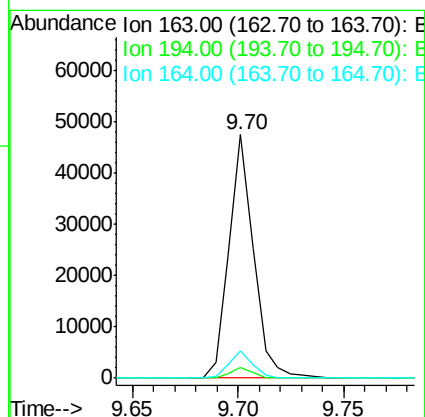
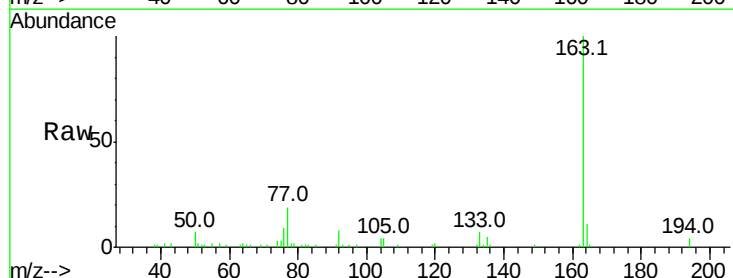
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#49
 Dimethylphthalate
 Concen: 15.274 ng
 RT: 9.70 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF106887.D
 Acq: 27 Jun 2018 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	38053		
194	4.2		2.7	4.1#
164	11.1		8.2	12.2





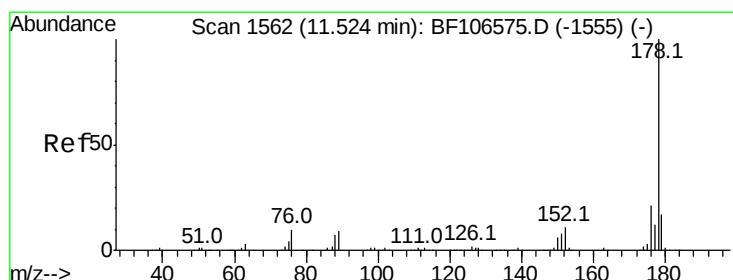
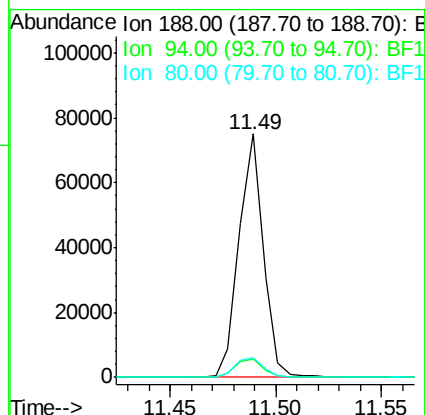
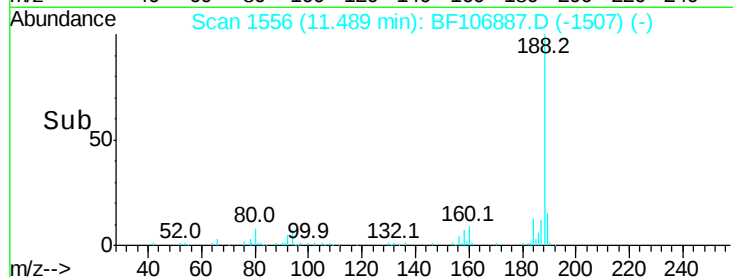
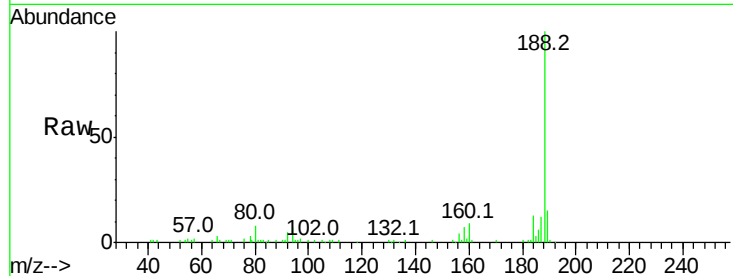
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106887.D
Acq: 27 Jun 2018 21:59

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-H

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.5	8.5	12.7#
80	8.1	9.2	13.8#

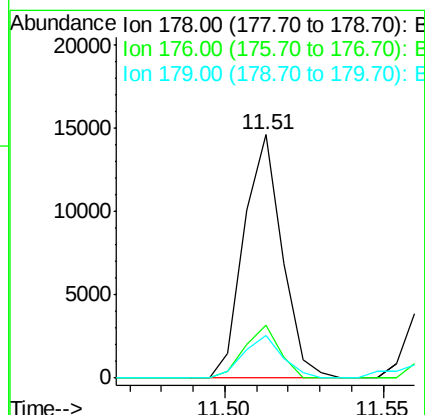
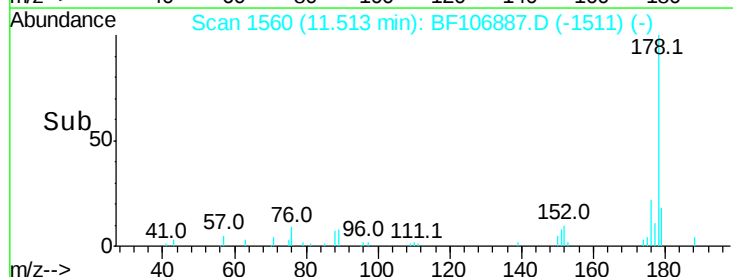
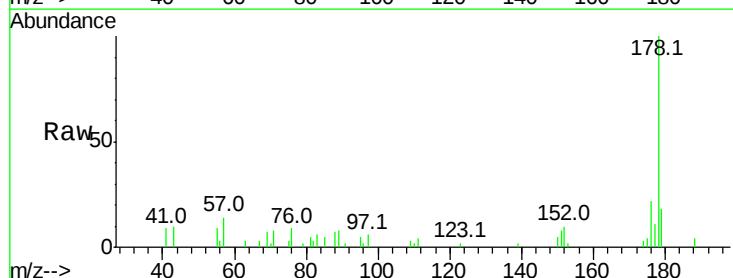
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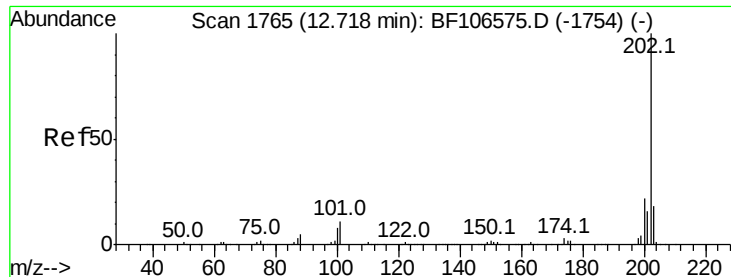
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#70
Phenanthrene
Concen: 4.234 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF106887.D
Acq: 27 Jun 2018 21:59

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	21.5	15.8	23.8
179	17.6	13.0	19.6





#74

Fluoranthene

Concen: 9.678 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF106887.D

Acq: 27 Jun 2018 21:59

Instrument :

BNA_F

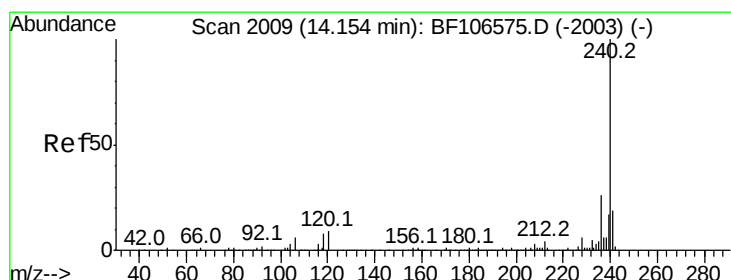
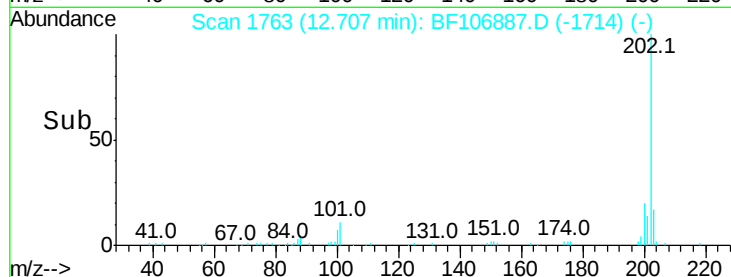
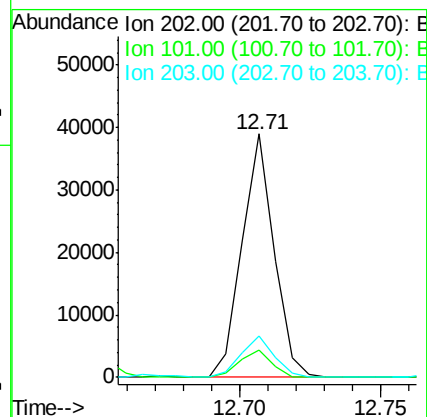
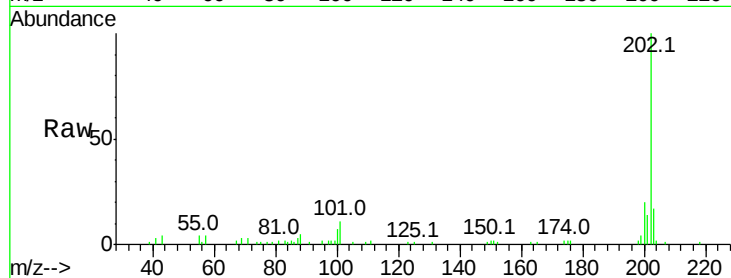
ClientSampleId :

JC-02-062618-H

Tot Ion:	202	Resp:	30690
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	34.1
203	17.0	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

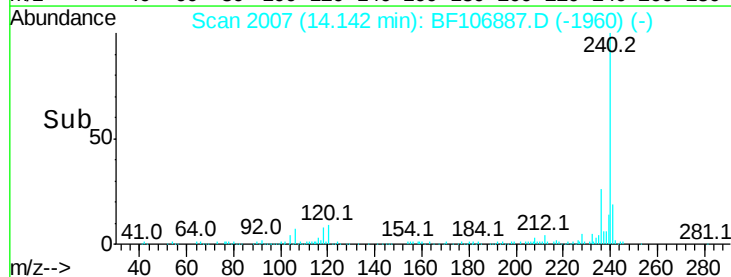
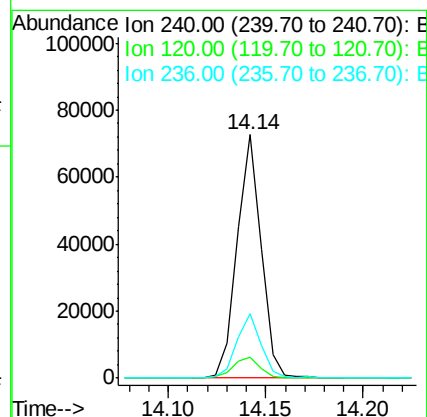
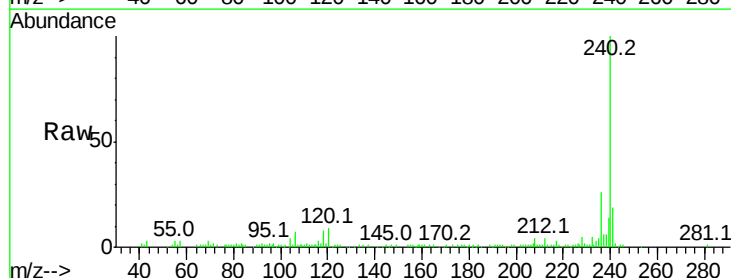
RT: 14.14 min Scan# 2007

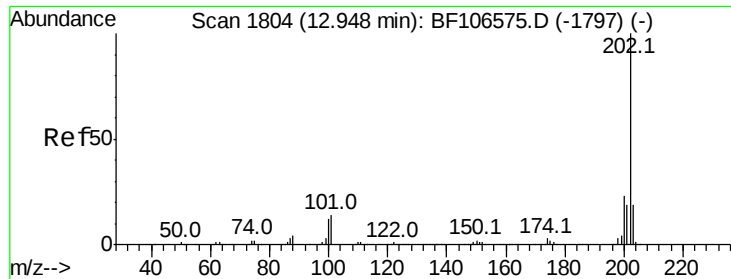
Delta R.T. -0.02 min

Lab File: BF106887.D

Acq: 27 Jun 2018 21:59

Tgt Ion:	240	Resp:	62459
Ion Ratio	Lower	Upper	
240	100		
120	8.7	9.5	14.3#
236	26.2	20.7	31.1





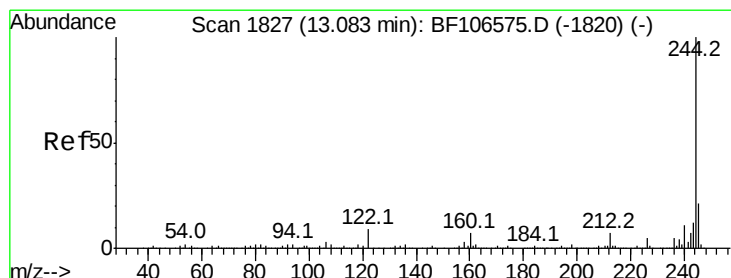
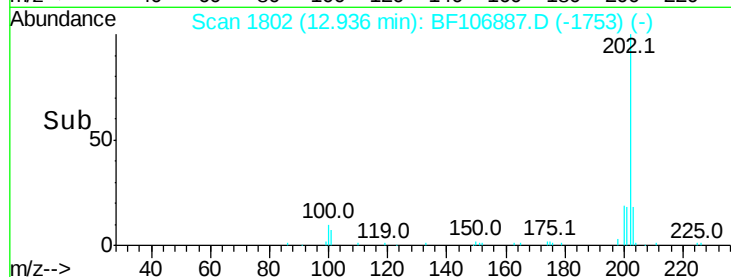
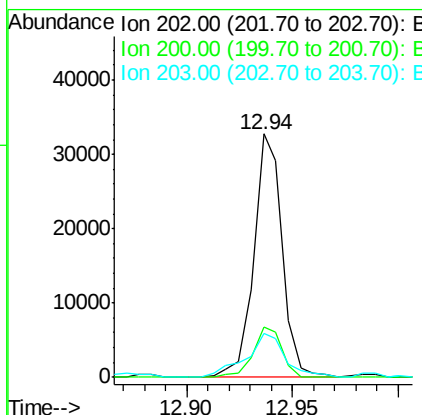
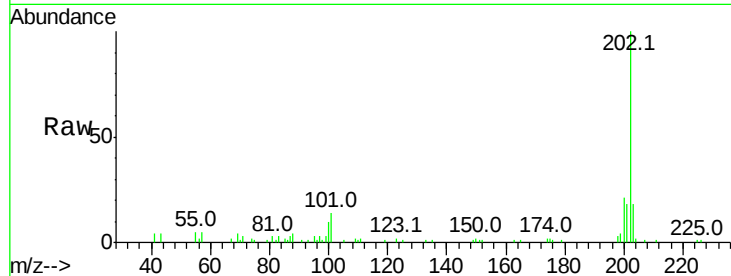
#77
Pvrene
Concen: 7.455 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF106887.D
Acq: 27 Jun 2018 21:59

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-H

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	18.1	14.3	21.5

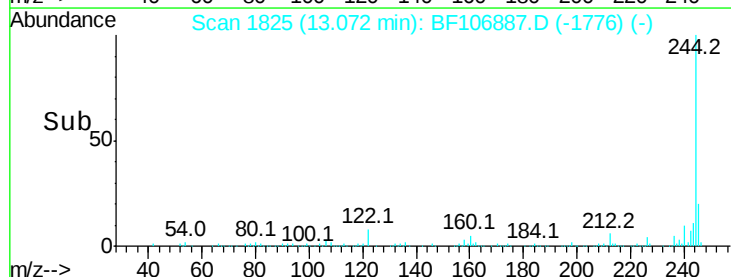
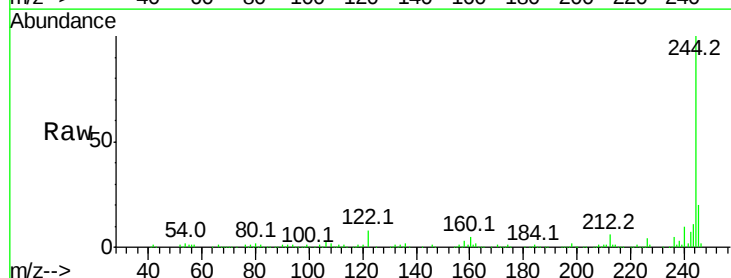
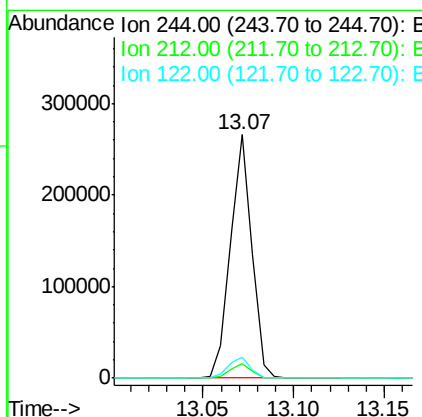
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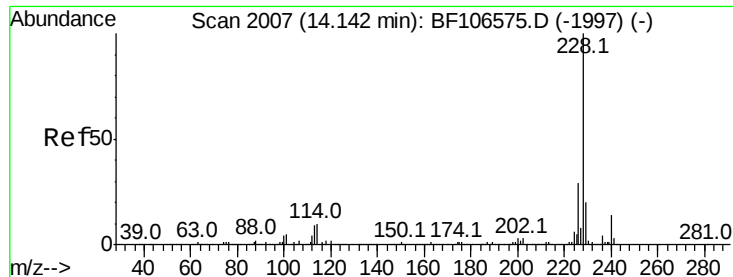
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#78
Terphenyl-d14
Concen: 84.703 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF106887.D
Acq: 27 Jun 2018 21:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	8.5	11.0	16.4#





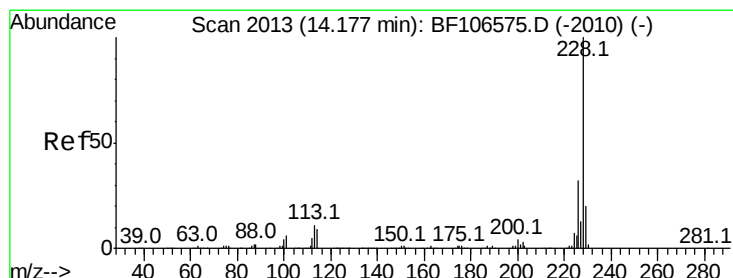
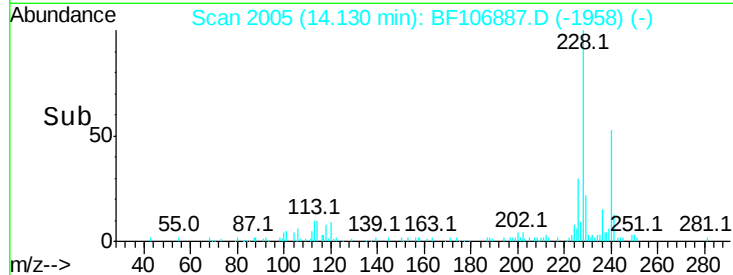
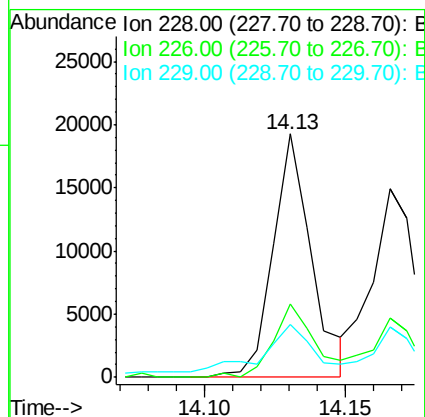
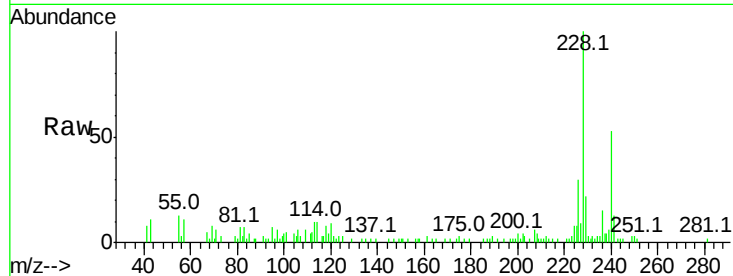
#80
Benzo(a)anthracene
Concen: 4.787 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF106887.D
Acq: 27 Jun 2018 21:59

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-H

Tot Ion:	228	Resp:	18223
Ion Ratio		Lower	Upper
228	100		
226	30.2	22.6	33.8
229	21.6	15.8	23.6

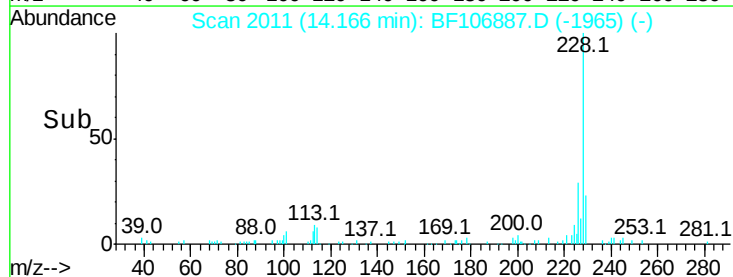
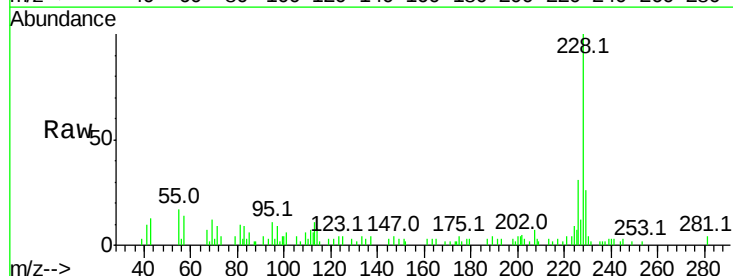
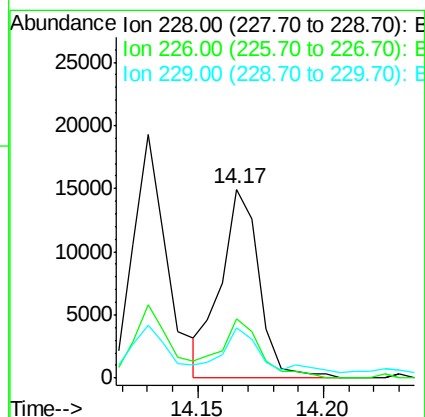
Manual Integrations
APPROVED

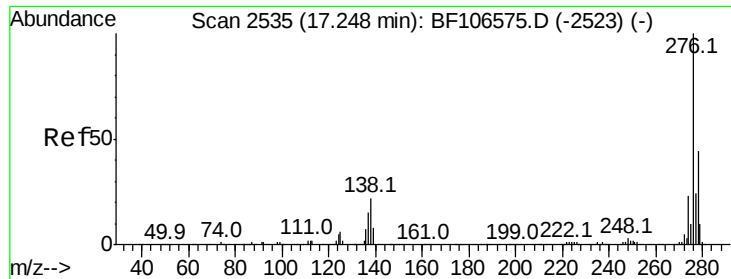
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#82
Chrysene
Concen: 4.603 ng m
RT: 14.17 min Scan# 2011
Delta R.T. -0.03 min
Lab File: BF106887.D
Acq: 27 Jun 2018 21:59

Tgt Ion:	228	Resp:	16119
Ion Ratio		Lower	Upper
228	100		
226	31.3	25.0	37.6
229	26.5	16.2	24.4#





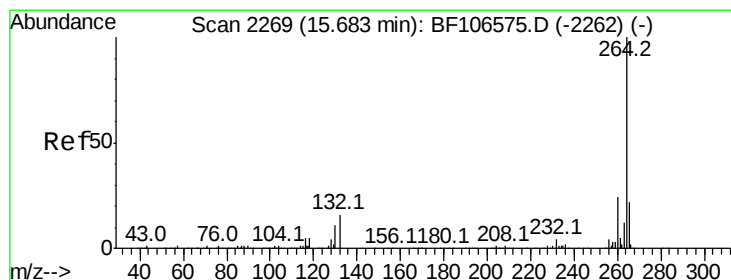
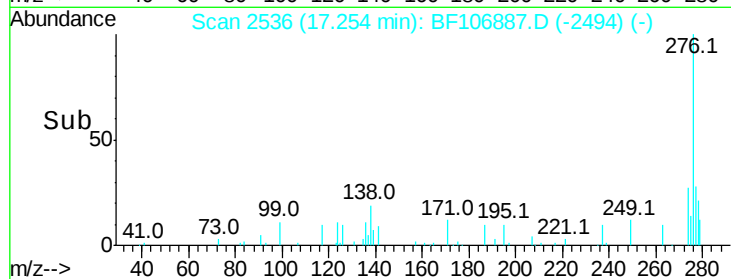
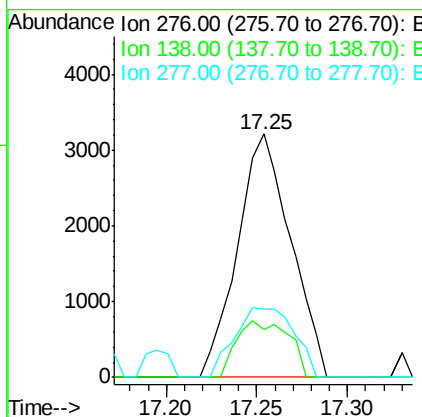
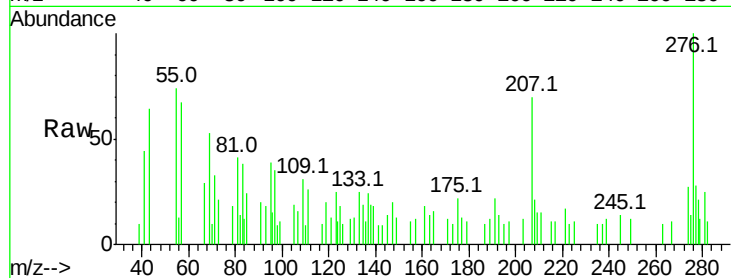
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.208 ng
RT: 17.25 min Scan# 2536
Delta R.T. -0.05 min
Lab File: BF106887.D
Acq: 27 Jun 2018 21:59

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-H

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.5	25.0	37.6#
277	31.9	20.1	30.1#

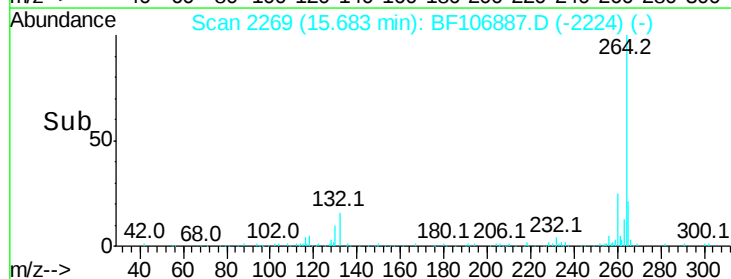
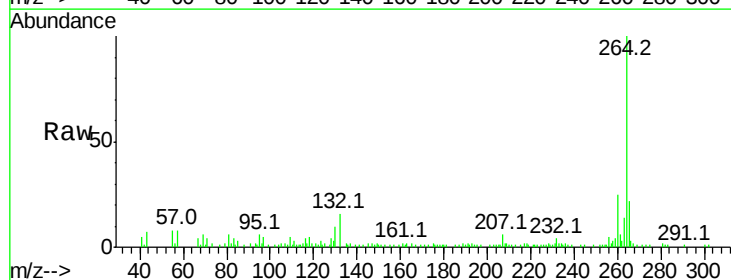
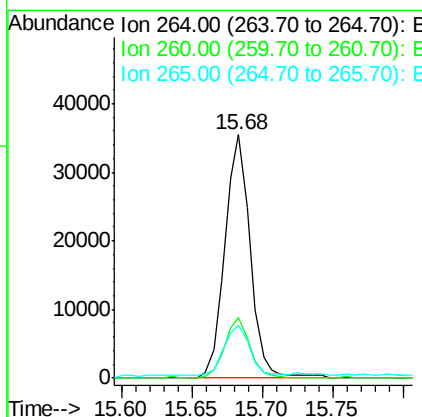
Manual Integrations
APPROVED

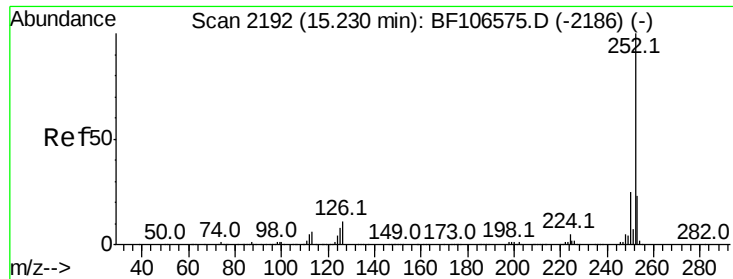
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF106887.D
Acq: 27 Jun 2018 21:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.7	17.5	26.3





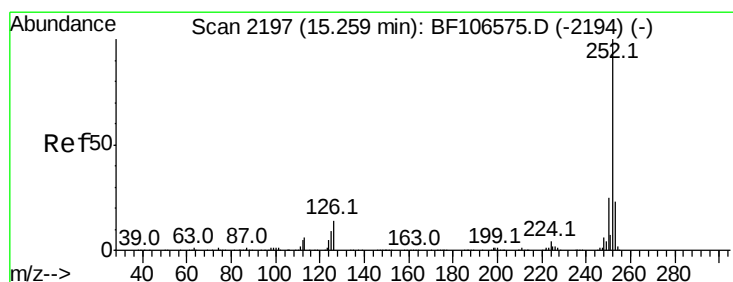
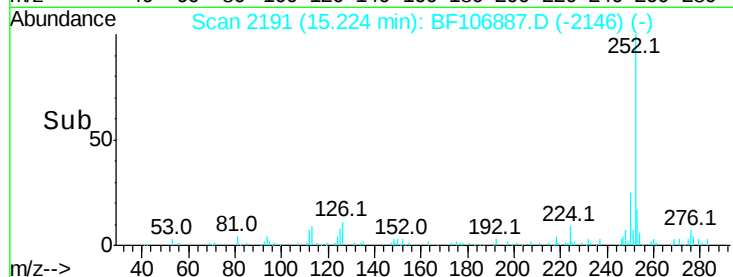
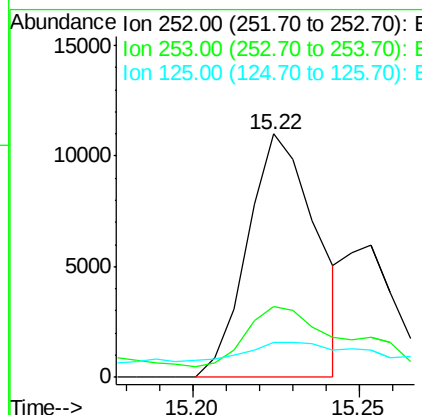
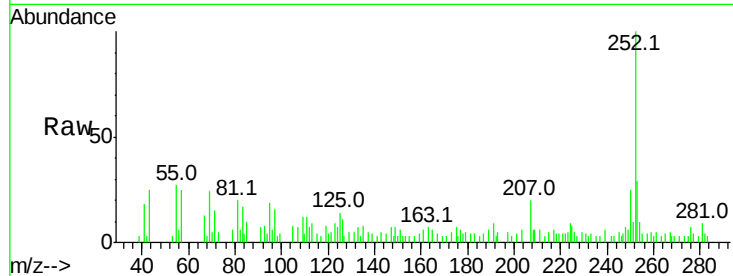
#87
Benzo(b)fluoranthene
Concen: 5.749 ng m
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF106887.D
Acq: 27 Jun 2018 21:59

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-H

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.2	17.0	25.6#
125	14.5	9.0	13.6#

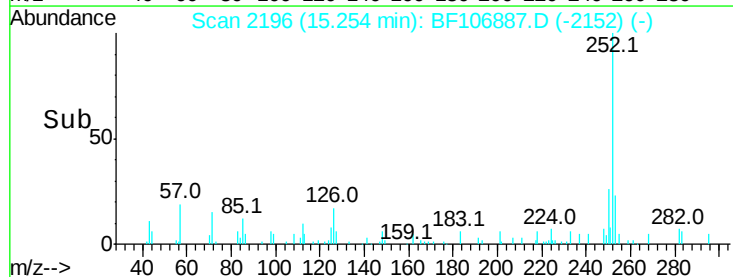
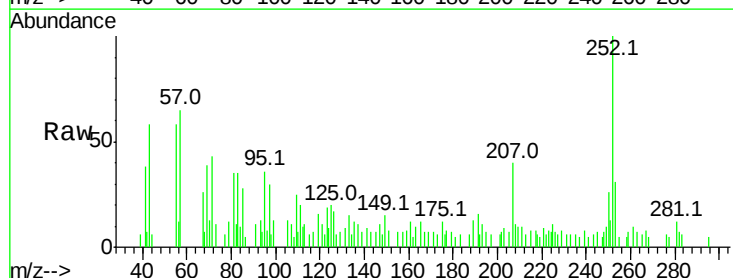
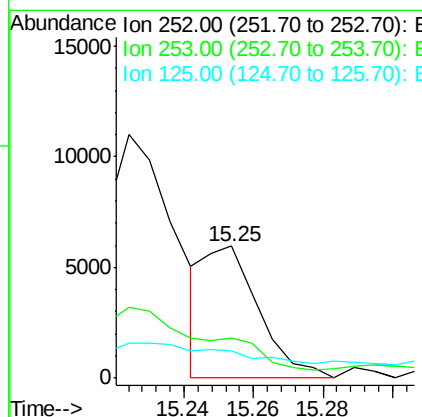
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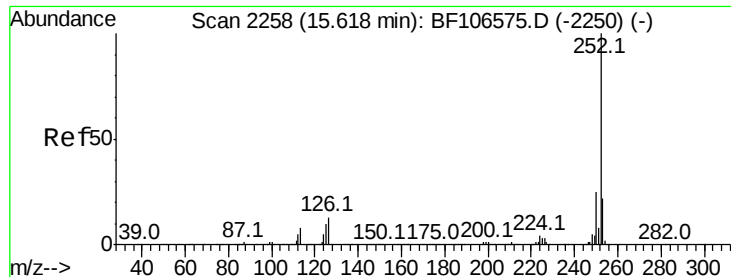
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#88
Benzo(k)fluoranthene
Concen: 2.472 ng m
RT: 15.25 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF106887.D
Acq: 27 Jun 2018 21:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.6	17.9	26.9#
125	20.4	10.2	15.2#





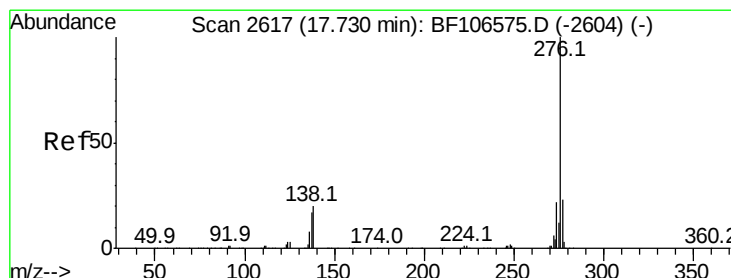
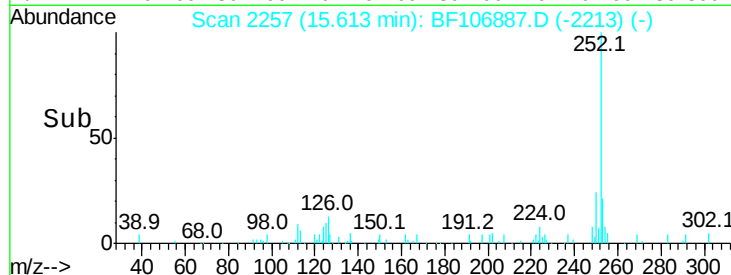
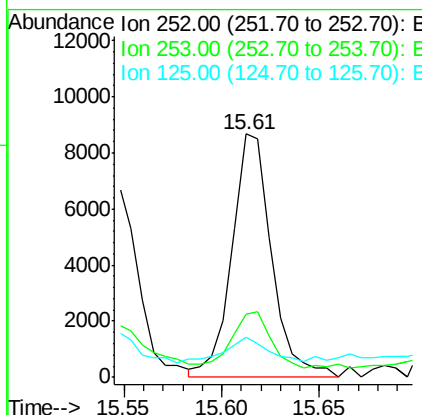
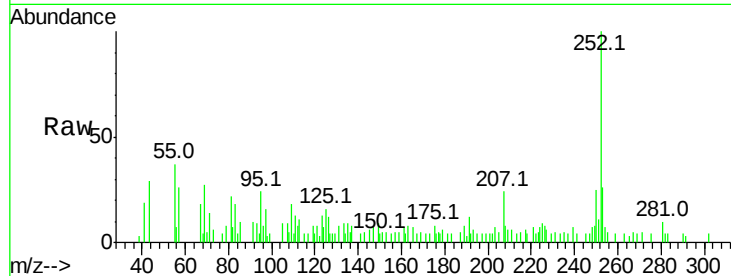
#89
Benzo(a)pyrene
Concen: 5.013 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.04 min
Lab File: BF106887.D
Acq: 27 Jun 2018 21:59

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-H

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.1	25.7#
125	16.3	9.8	14.6#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.187 ng
RT: 17.74 min Scan# 2618
Delta R.T. -0.05 min
Lab File: BF106887.D
Acq: 27 Jun 2018 21:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.8	17.9	26.9#
138	20.7	21.8	32.8#

