

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106886.D
 Acq On : 27 Jun 2018 21:33
 Operator : JU/SJ
 Sample : J3242-13 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Manual Integrations
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 6/28/2018 2:21:39 PM

Quant Time: Jun 28 04:28:56 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	19858	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	73953	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	33192	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	58534	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	60253	20.00	ng	-0.02
86) Perylene-d12	15.68	264	42471	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	108559	92.57	ng	-0.01
7) Phenol-d6	6.59	99	136105	92.94	ng	-0.02
23) Nitrobenzene-d5	7.51	82	80079	60.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	34433	89.51	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	165909	84.52	ng	-0.02
78) Terphenyl-d14	13.07	244	177521	71.37	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	3376	2.020	ng	Qvalue # 69
49) Dimethylphthalate	9.70	163	29875	12.001	ng	98
70) Phenanthrene	11.51	178	14762	5.229	ng	97
74) Fluoranthene	12.71	202	29790	9.573	ng	93
77) Pyrene	12.94	202	28991	7.297	ng	97
80) Benzo(a)anthracene	14.13	228	19311	5.259	ng	96
82) Chrysene	14.17	228	19381m	5.737	ng	
85) Indeno(1,2,3-cd)pyrene	17.25	276	6288	2.193	ng	# 84
87) Benzo(b)fluoranthene	15.22	252	17630m	6.682	ng	
88) Benzo(k)fluoranthene	15.25	252	5946m	2.367	ng	
89) Benzo(a)pyrene	15.61	252	12055	5.140	ng	# 92
91) Benzo(a,h,i)perylene	17.73	276	6133	3.157	ng	# 84

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

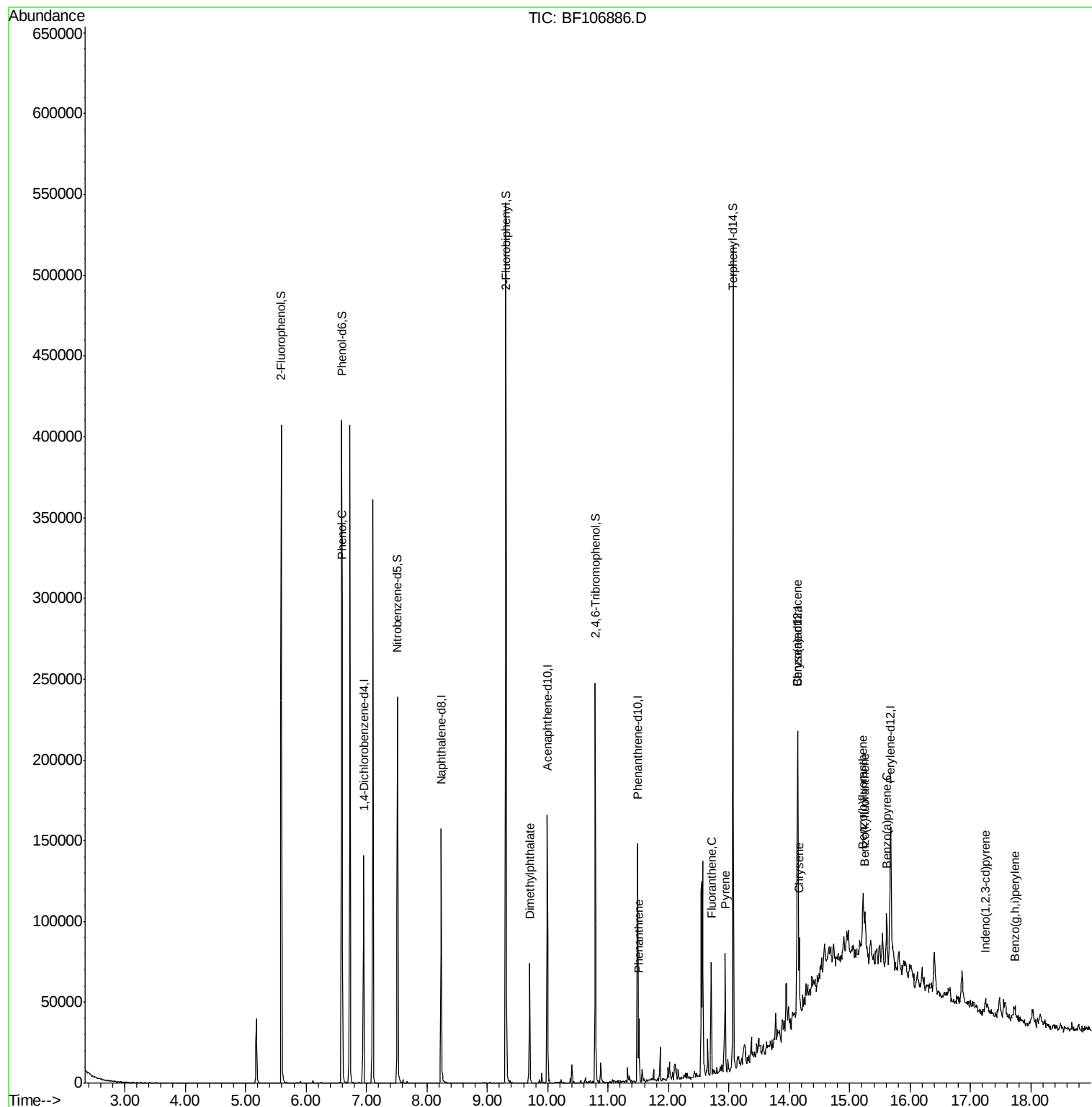
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106886.D
Acq On : 27 Jun 2018 21:33
Operator : JU/SJ
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

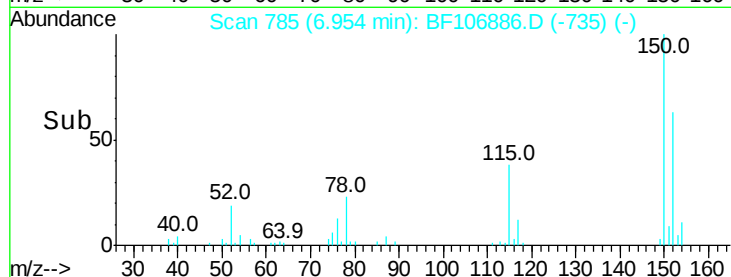
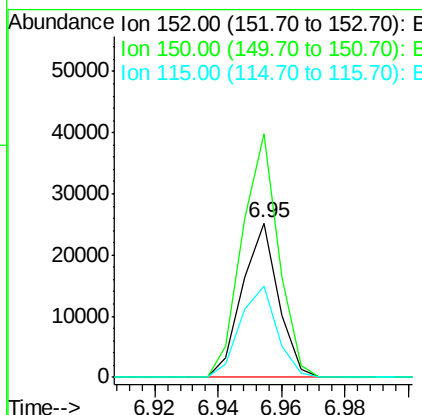
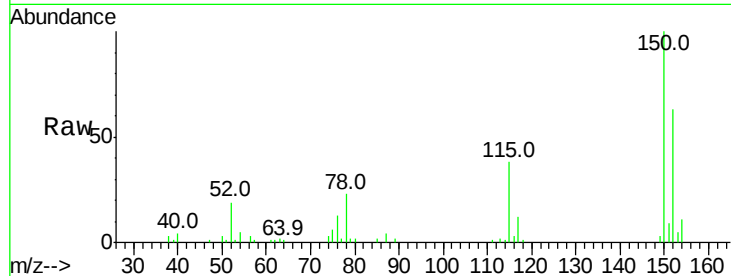
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106886.D
Acq: 27 Jun 2018 21:33

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	59.3	50.1	75.1

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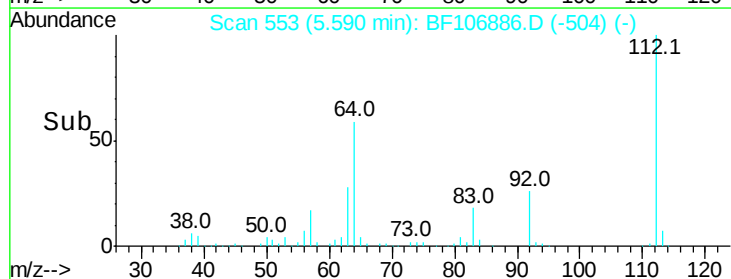
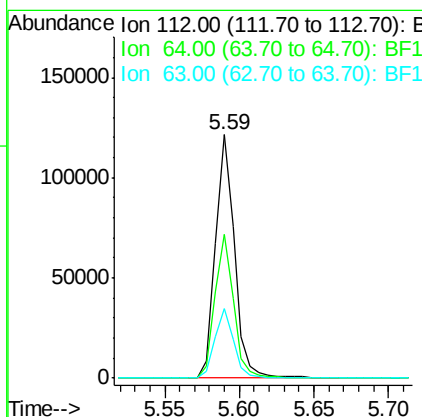
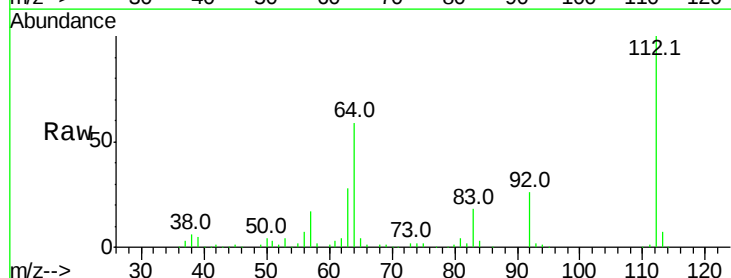
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#5

2-Fluorophenol
Concen: 92.570 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106886.D
Acq: 27 Jun 2018 21:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	28.3	23.7	35.5





#7

Phenol-d6

Concen: 92.936 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106886.D

Acq: 27 Jun 2018 21:33

Instrument :

BNA_F

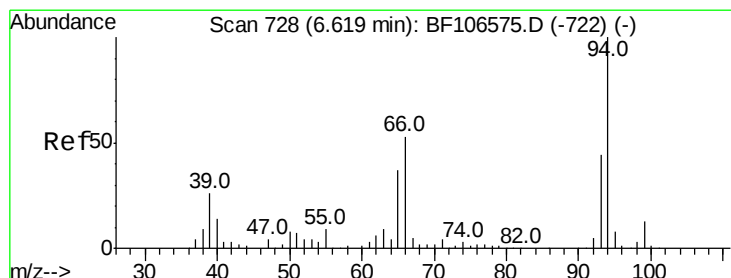
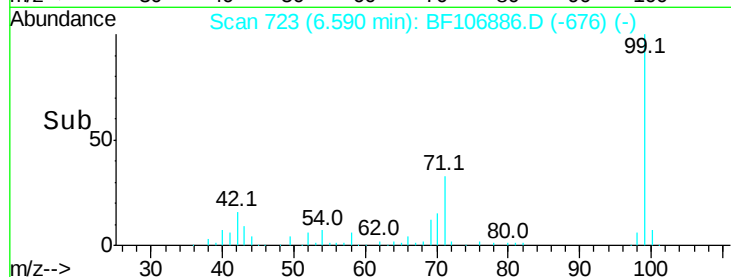
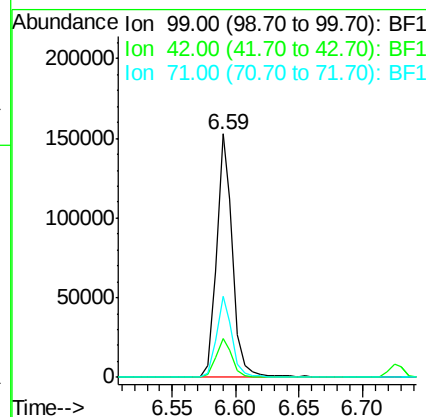
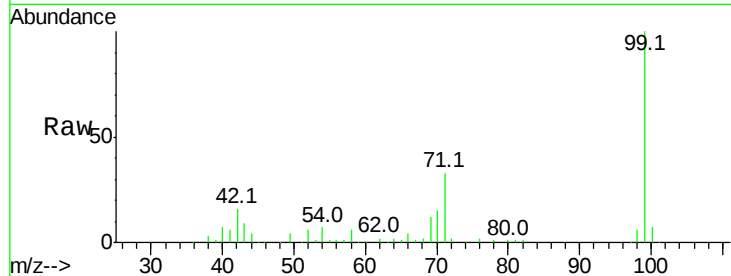
ClientSampleId :

JC-02-062618-G

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		136105		
42	16.2	14.5	21.7		
71	33.1	25.4	38.0		

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#10

Phenol

Concen: 2.020 ng

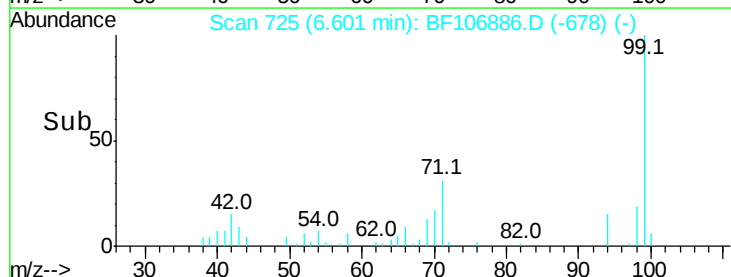
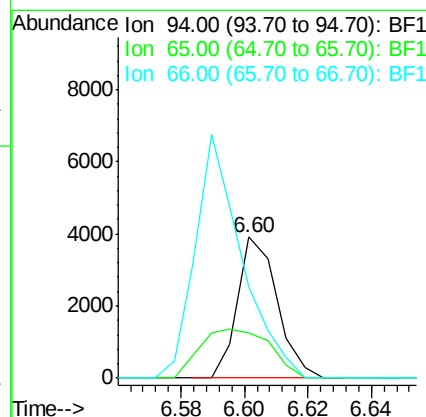
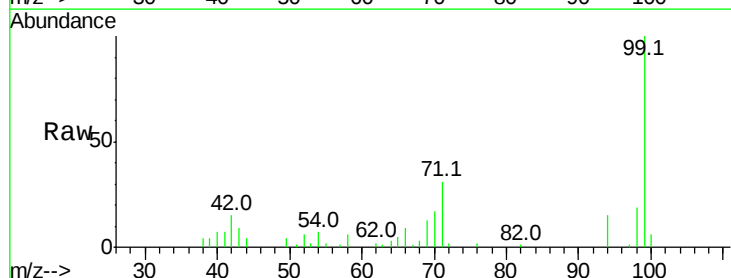
RT: 6.60 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF106886.D

Acq: 27 Jun 2018 21:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		3376		
65	32.5	7.9	47.9		
66	65.0	16.2	56.2		





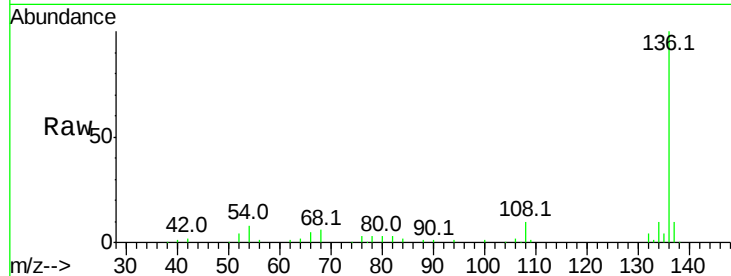
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106886.D
Acq: 27 Jun 2018 21:33

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

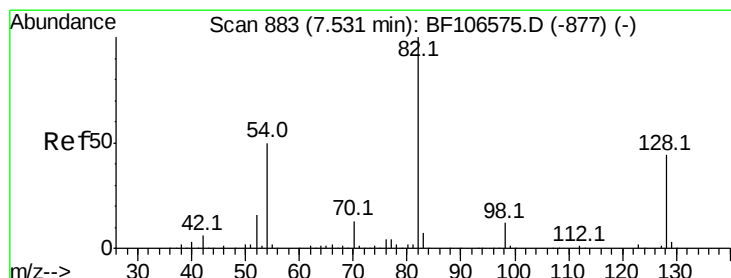
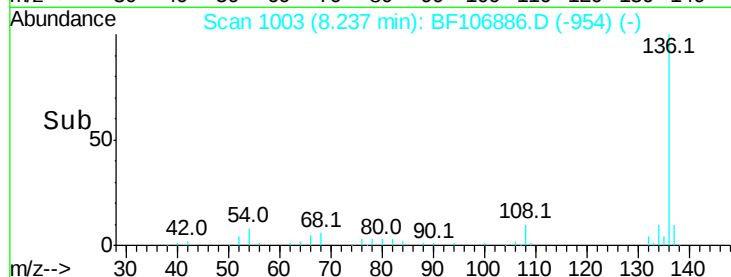
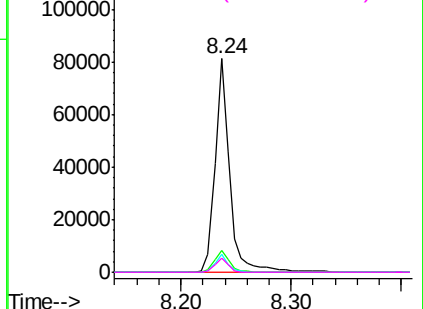
Tot Ion	136	Resp:	73953
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.9	13.3
54	8.1	6.6	9.8
68	6.4	5.0	7.4

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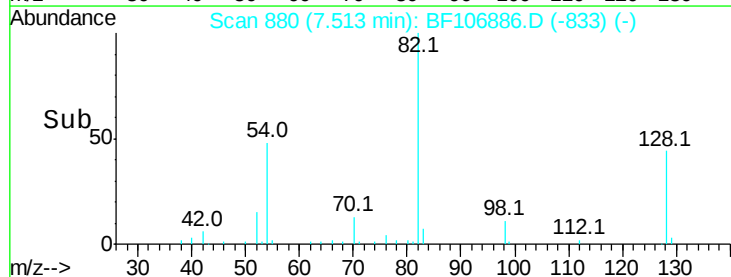
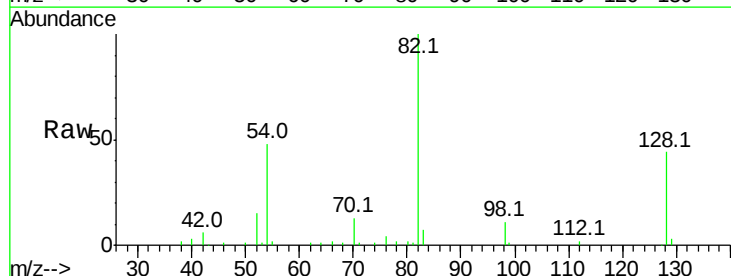
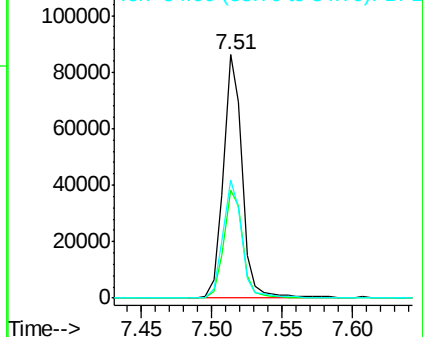
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

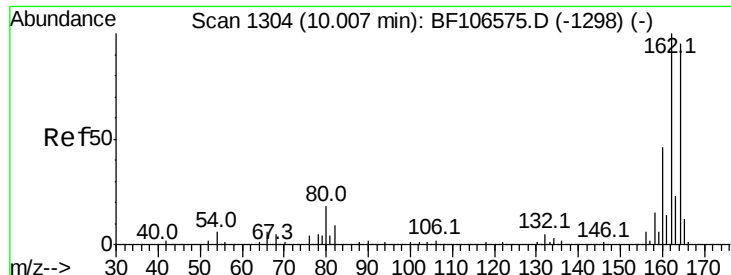


#23
Nitrobenzene-d5
Concen: 60.177 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF106886.D
Acq: 27 Jun 2018 21:33

Tgt Ion	82	Resp:	80079
Ion Ratio	Lower	Upper	
82	100		
128	44.2	36.1	54.1
54	48.4	41.4	62.2

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





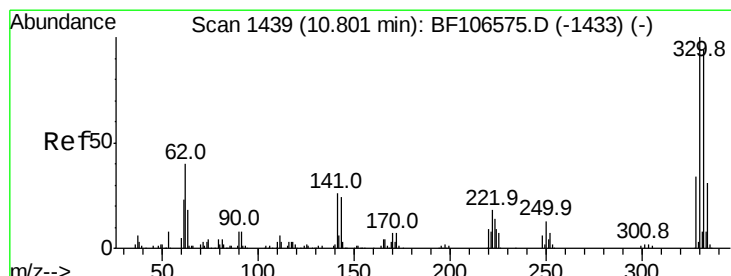
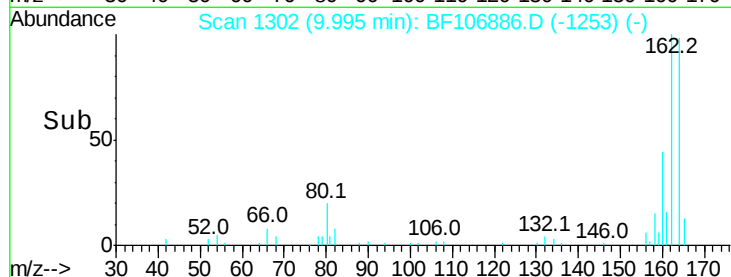
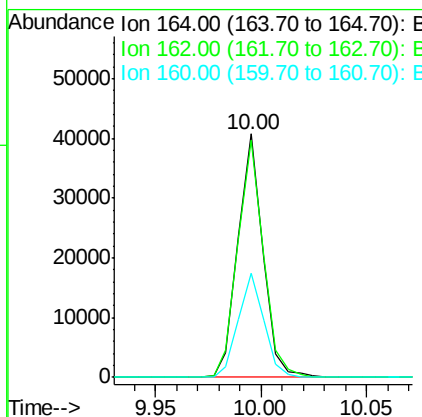
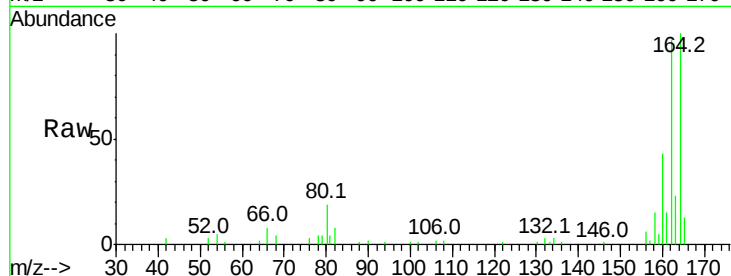
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106886.D
Acq: 27 Jun 2018 21:33

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.4	86.1	129.1
160	42.9	38.3	57.5

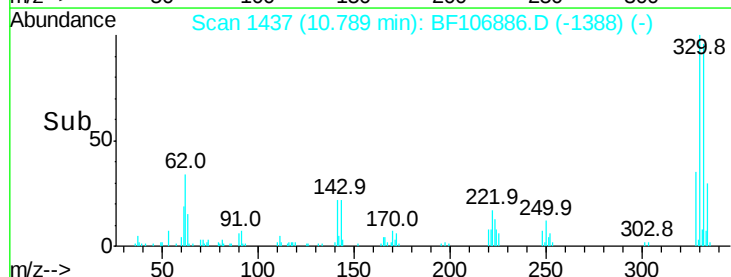
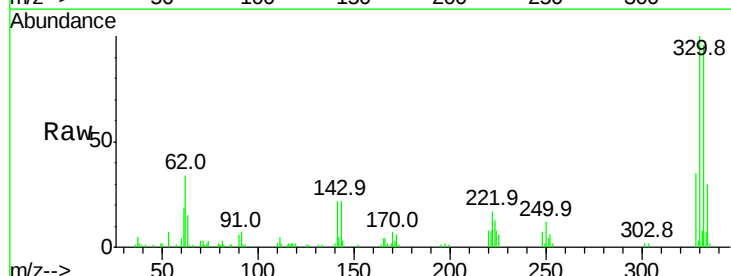
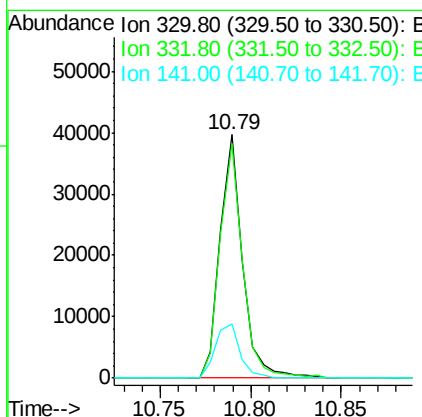
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#41
2,4,6-Tribromophenol
Concen: 89.505 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106886.D
Acq: 27 Jun 2018 21:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	24.1	29.9	44.9#





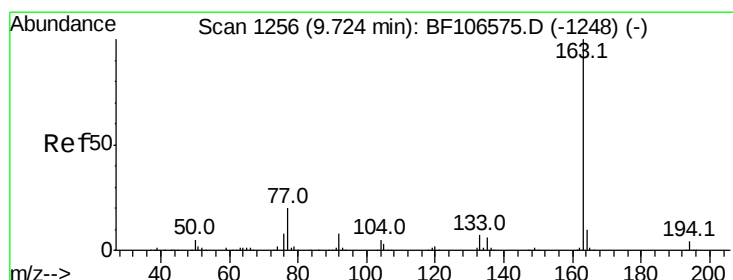
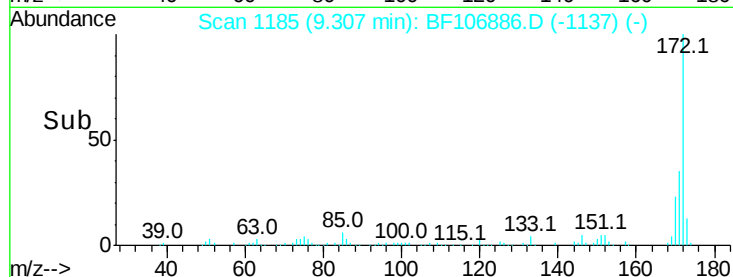
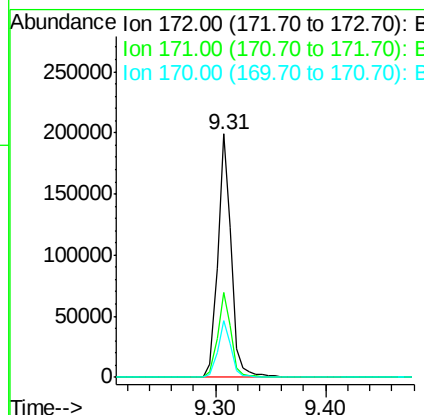
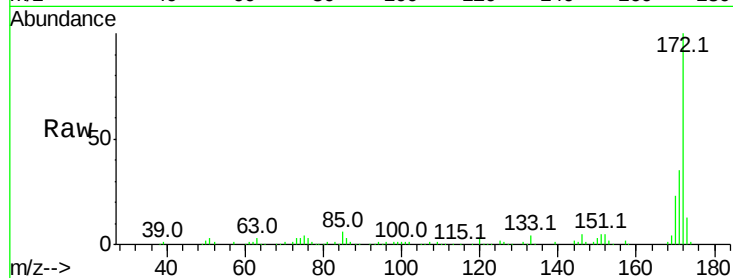
#44
2-Fluorobiphenyl
Concen: 84.522 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF106886.D
Acq: 27 Jun 2018 21:33

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

Tot Ion	Ratio	Resp	Lower	Upper
172	100	165909		
171	35.1		29.7	44.5
170	23.2		19.6	29.4

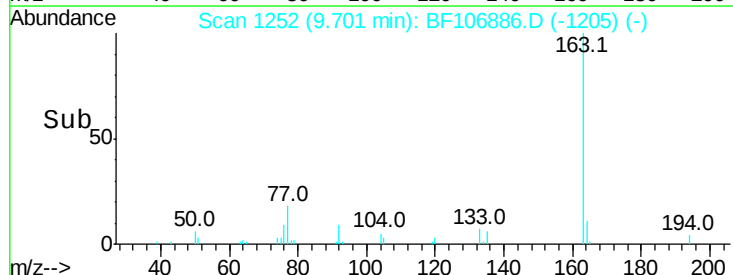
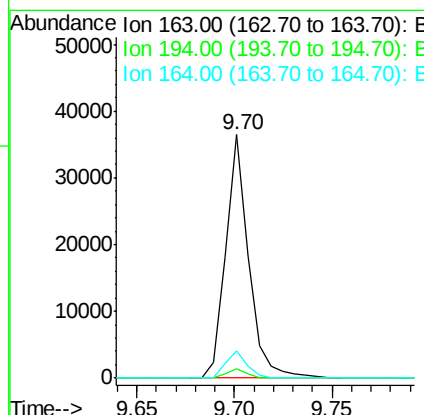
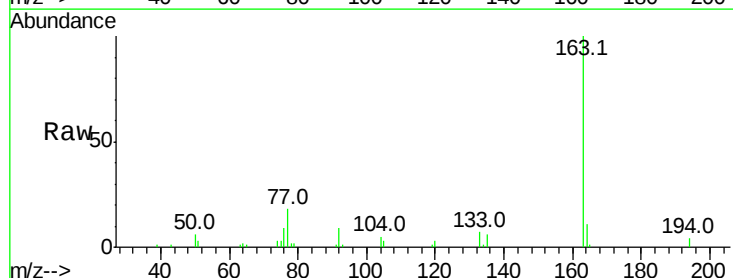
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#49
Dimethylphthalate
Concen: 12.001 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106886.D
Acq: 27 Jun 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	29875		
194	3.6		2.7	4.1
164	11.0		8.2	12.2





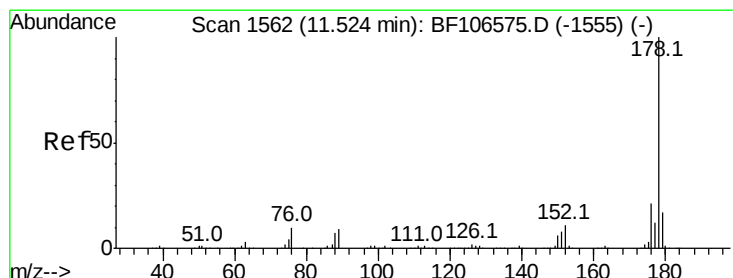
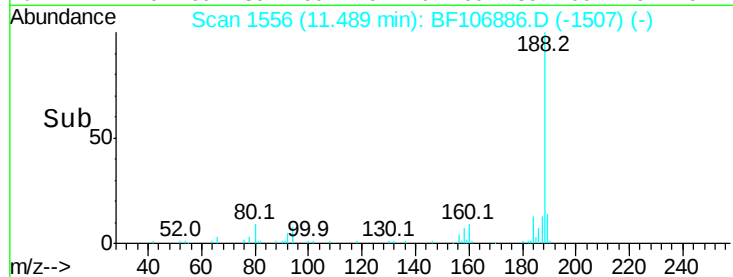
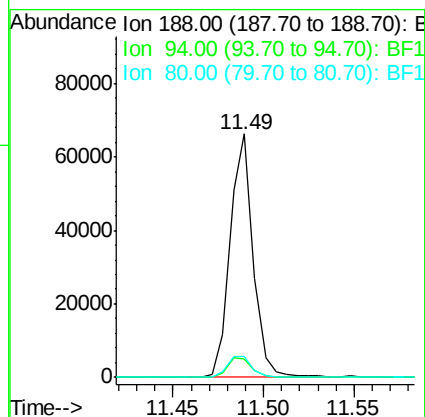
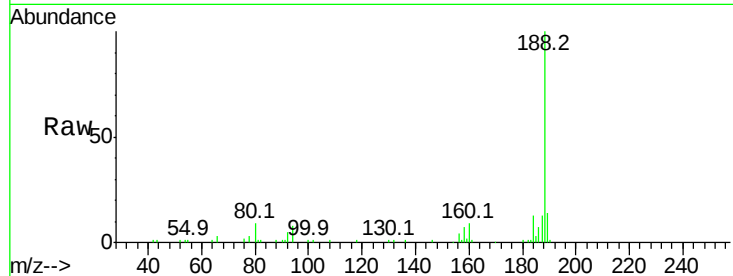
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106886.D
Acq: 27 Jun 2018 21:33

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

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	8.7	9.2	13.8#

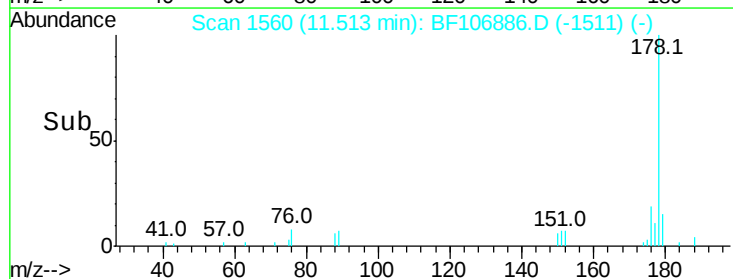
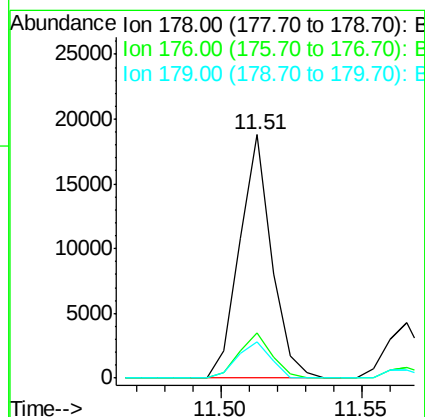
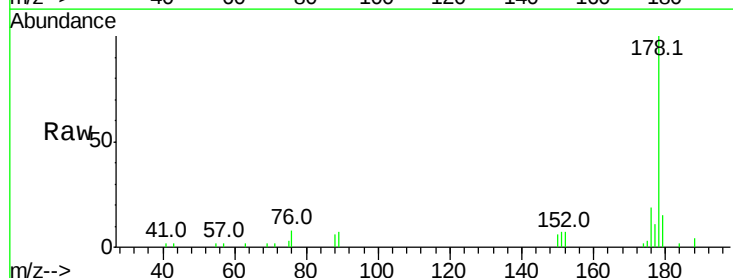
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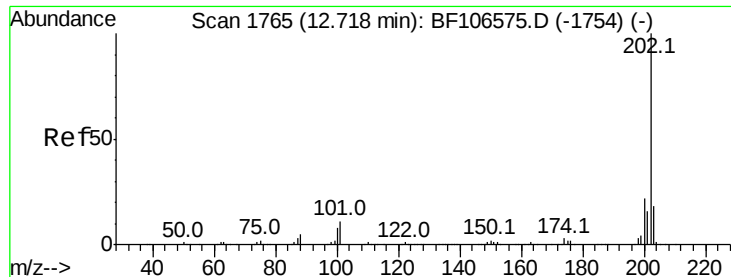
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#70
Phenanthrene
Concen: 5.229 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF106886.D
Acq: 27 Jun 2018 21:33

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.8	15.8	23.8
179	14.7	13.0	19.6





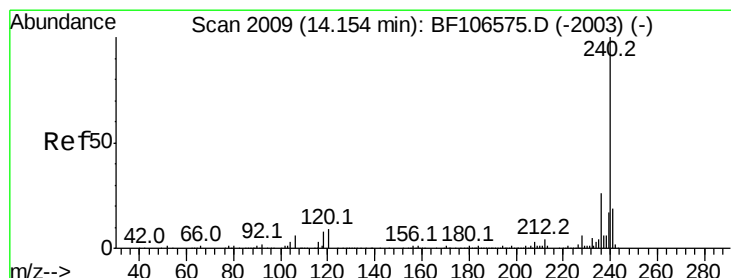
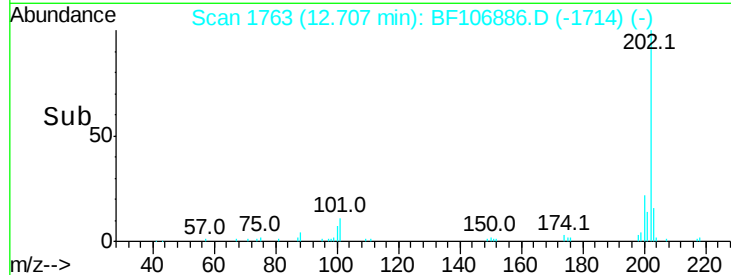
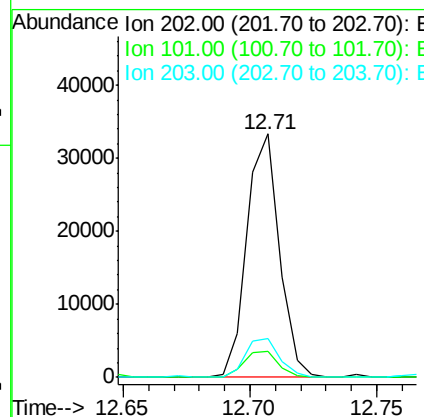
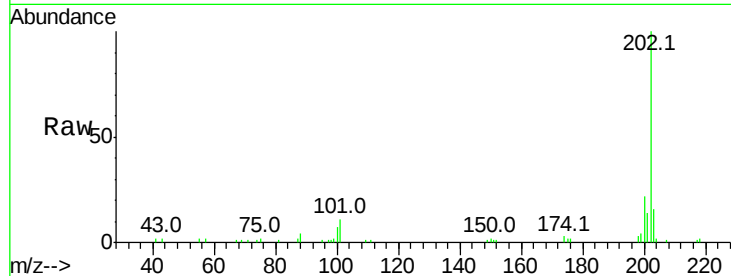
#74
 Fluoranthene
 Concen: 9.573 ng
 RT: 12.71 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BF106886.D
 Acq: 27 Jun 2018 21:33

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

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.6	0.0	34.1
203	15.8	0.0	38.1

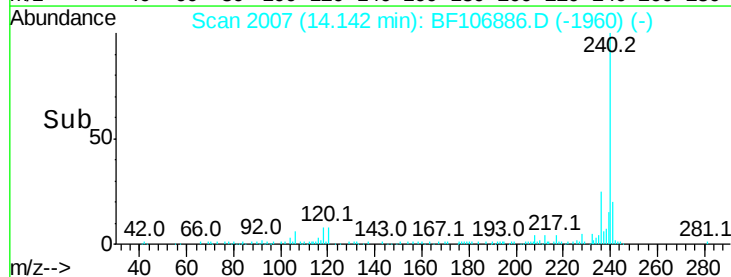
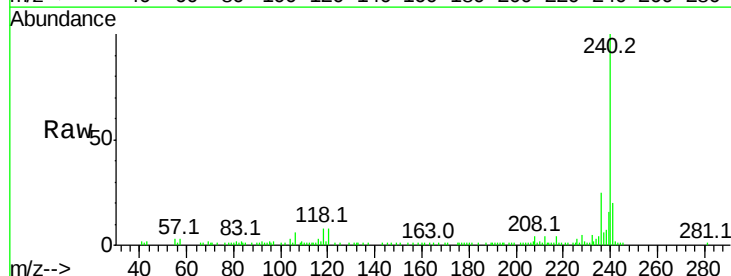
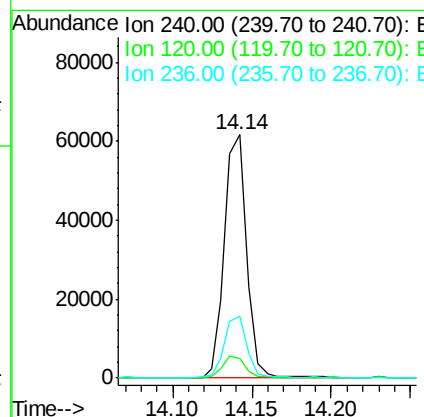
Manual Integrations
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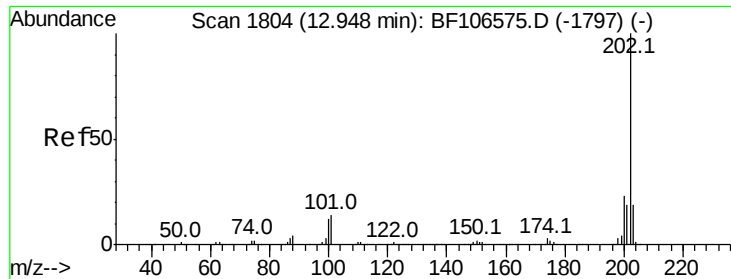
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF106886.D
 Acq: 27 Jun 2018 21:33

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.1	9.5	14.3#
236	25.2	20.7	31.1





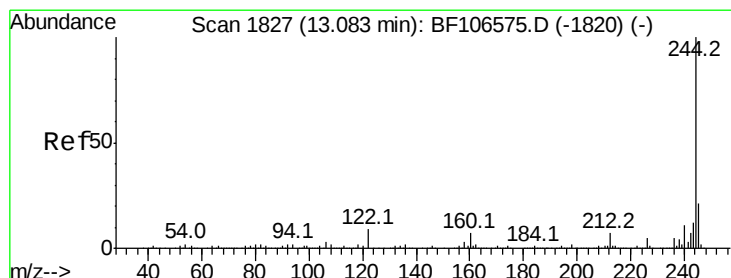
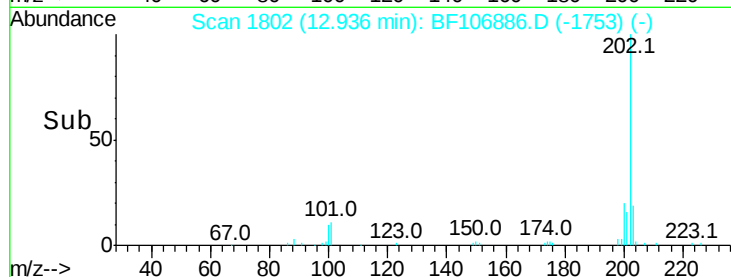
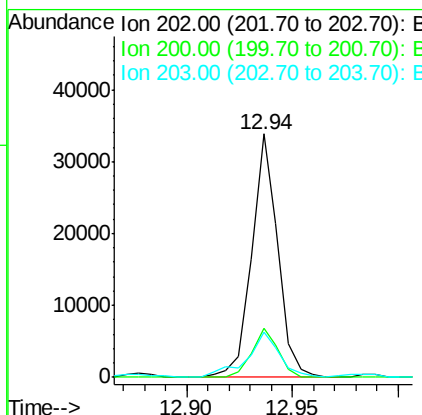
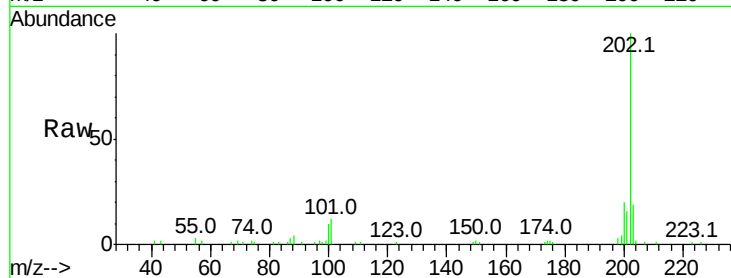
#77
Pvrene
Concen: 7.297 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF106886.D
Acq: 27 Jun 2018 21:33

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.4	26.2
203	18.7	14.3	21.5

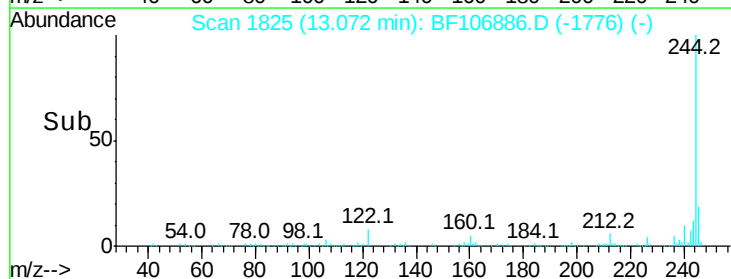
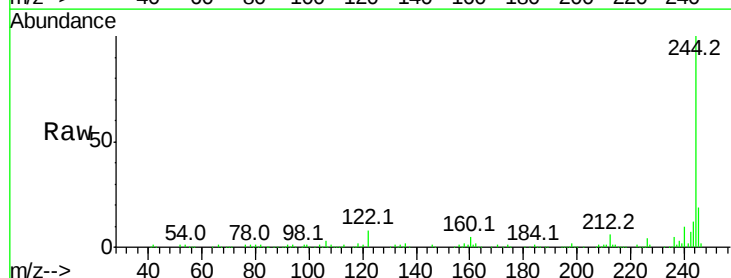
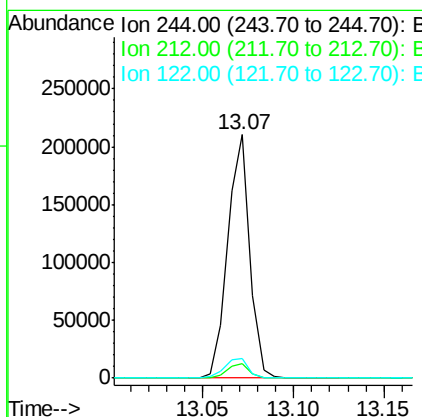
Manual Integrations
APPROVED

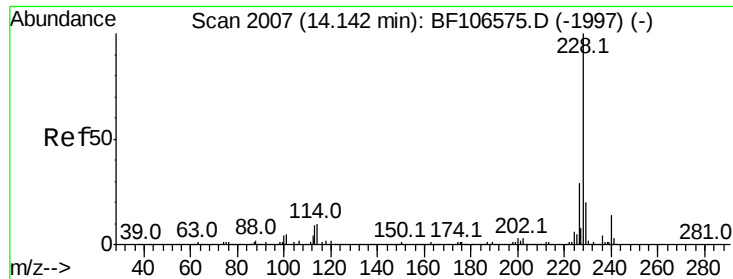
Sohil
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#78
Terphenyl-d14
Concen: 71.367 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF106886.D
Acq: 27 Jun 2018 21:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	8.2	11.0	16.4#





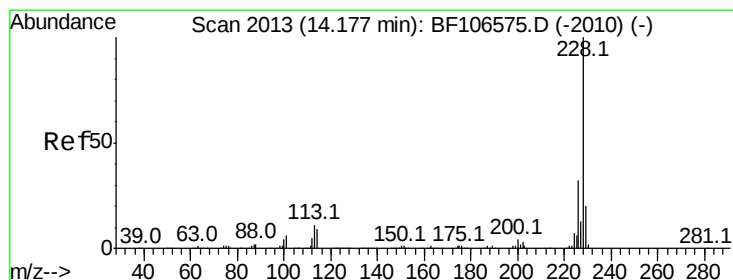
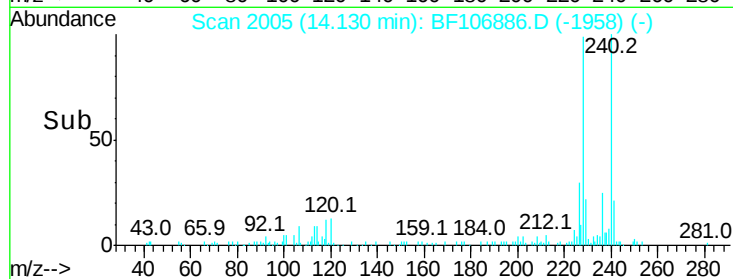
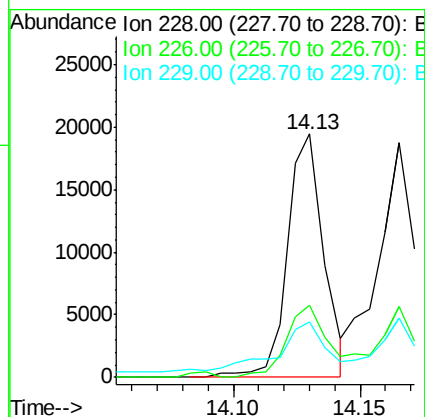
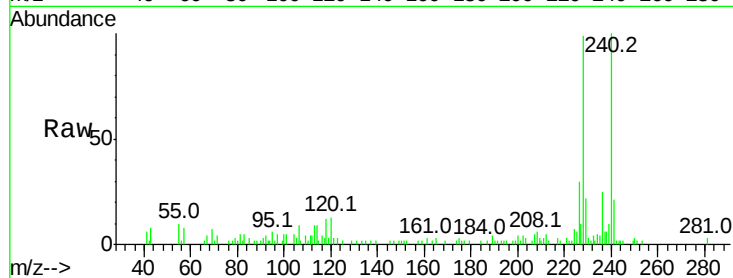
#80
Benzo(a)anthracene
Concen: 5.259 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF106886.D
Acq: 27 Jun 2018 21:33

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

Tot Ion	Ratio	Resp	Lower	Upper
228	100	19311		
226	29.7	22.6	33.8	
229	22.6	15.8	23.6	

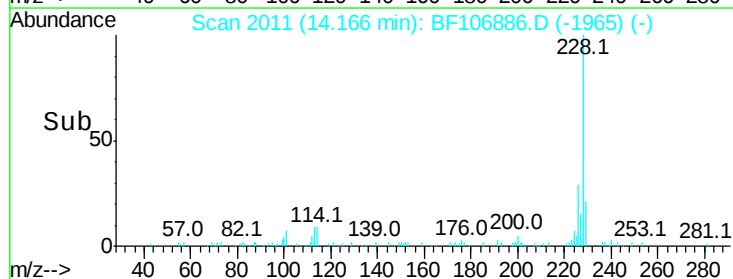
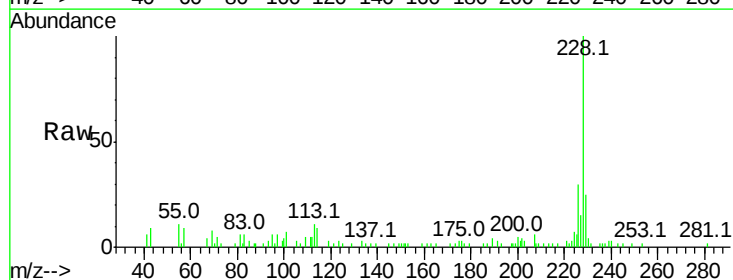
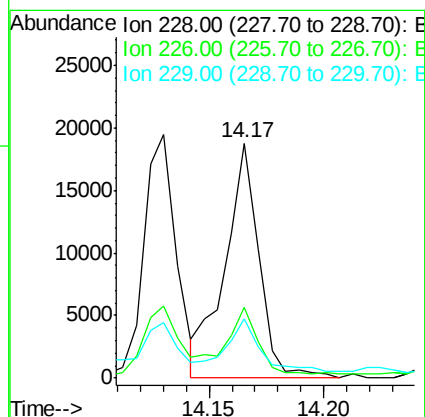
Manual Integrations
APPROVED

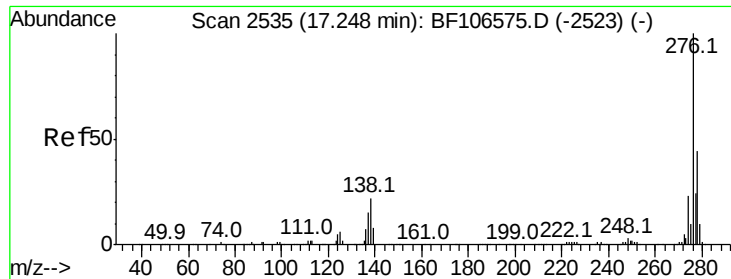
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#82
Chrysene
Concen: 5.737 ng m
RT: 14.17 min Scan# 2011
Delta R.T. -0.03 min
Lab File: BF106886.D
Acq: 27 Jun 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	19381		
226	30.0	25.0	37.6	
229	25.1	16.2	24.4	





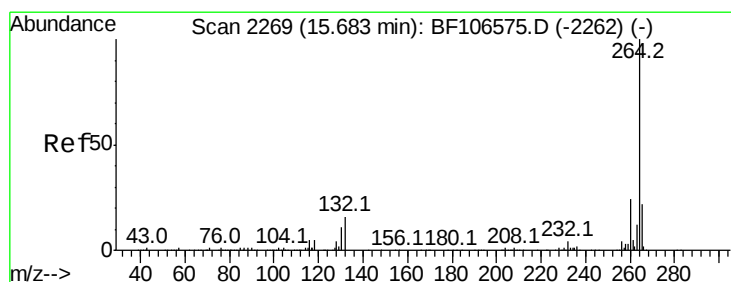
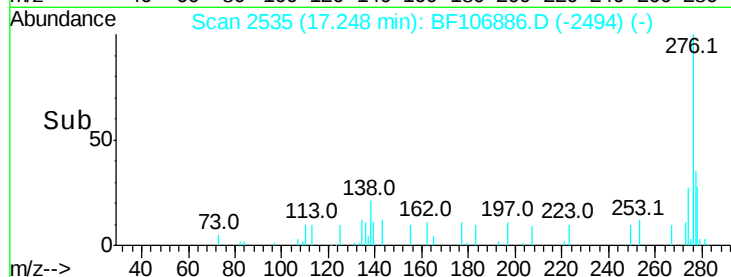
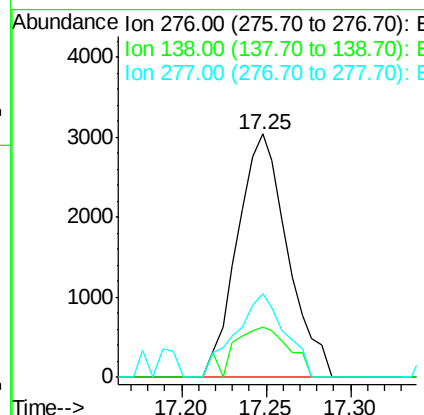
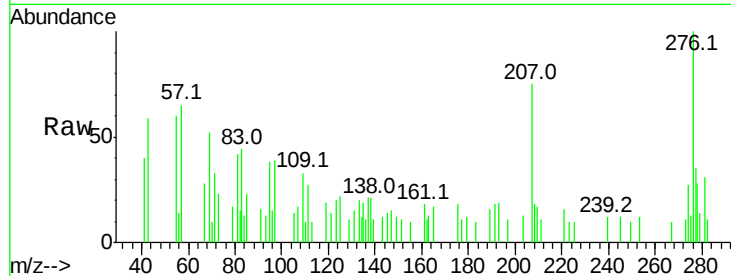
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.193 ng
RT: 17.25 min Scan# 2535
Delta R.T. -0.06 min
Lab File: BF106886.D
Acq: 27 Jun 2018 21:33

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.1	25.0	37.6#
277	34.0	20.1	30.1#

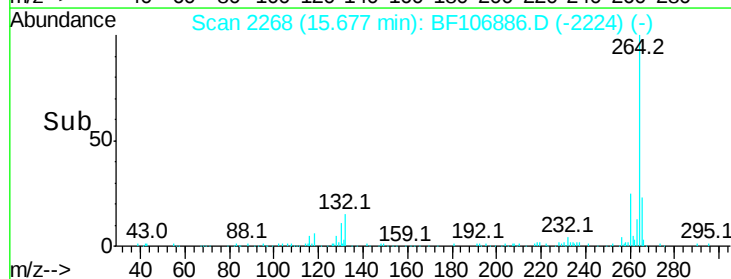
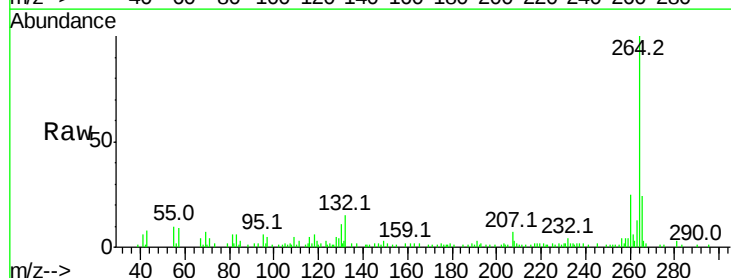
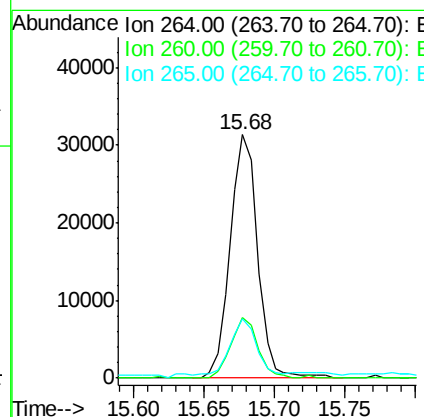
Manual Integrations
APPROVED

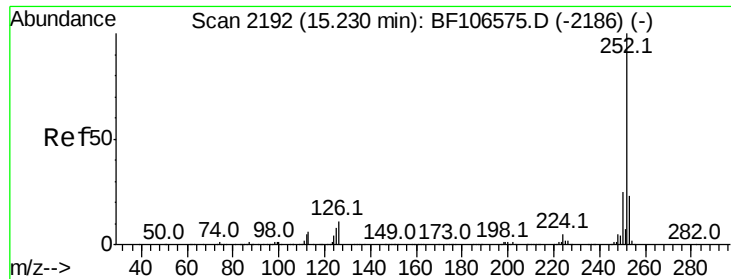
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF106886.D
Acq: 27 Jun 2018 21:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	24.4	17.5	26.3





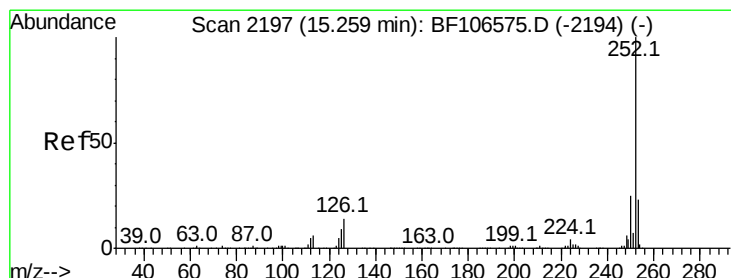
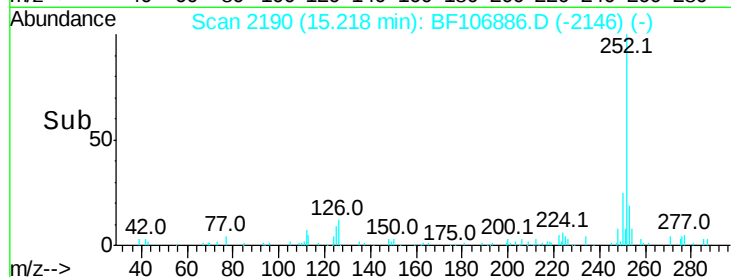
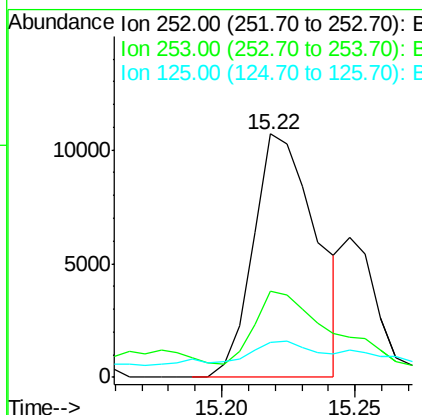
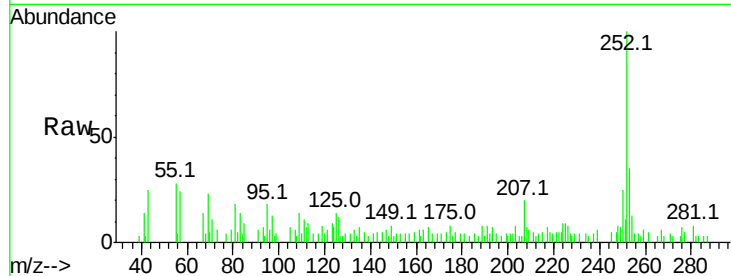
#87
Benzo(b)fluoranthene
Concen: 6.682 ng m
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF106886.D
Acq: 27 Jun 2018 21:33

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	35.4	17.0	25.6#
125	14.2	9.0	13.6#

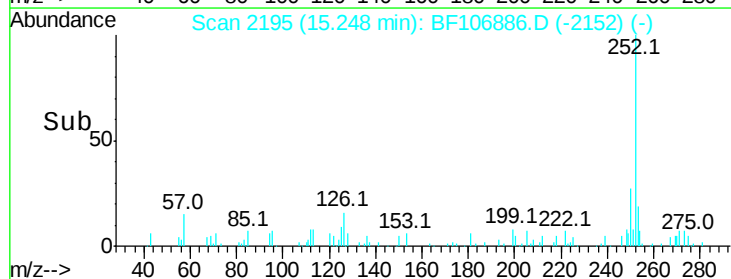
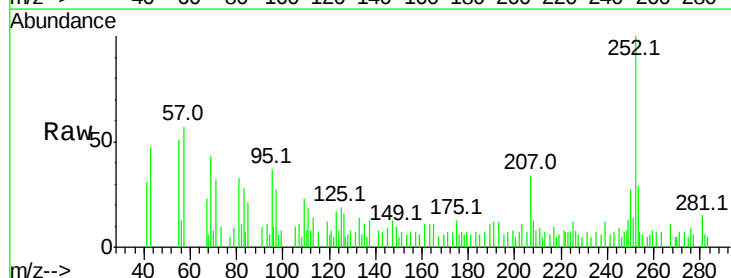
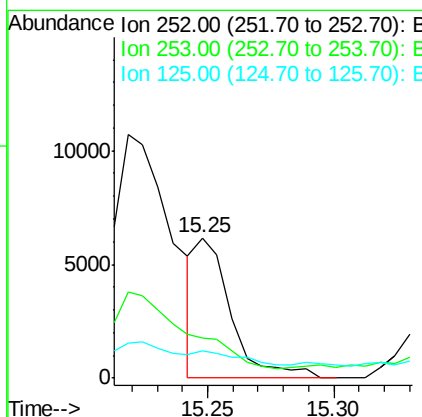
Manual Integrations
APPROVED

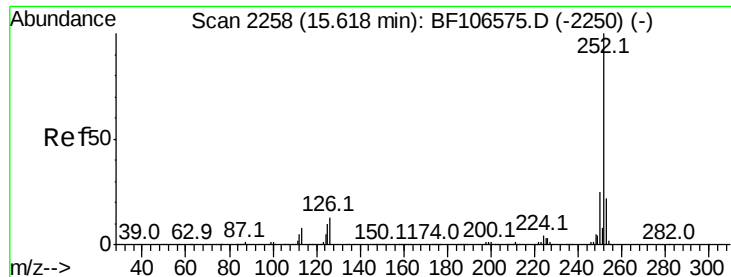
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#88
Benzo(k)fluoranthene
Concen: 2.367 ng m
RT: 15.25 min Scan# 2195
Delta R.T. -0.05 min
Lab File: BF106886.D
Acq: 27 Jun 2018 21:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.9	26.9#
125	19.4	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 5.140 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.04 min

Lab File: BF106886.D

Acq: 27 Jun 2018 21:33

Instrument :

BNA_F

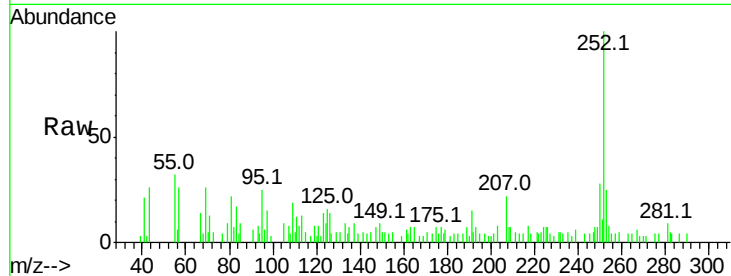
ClientSampleId :

JC-02-062618-G

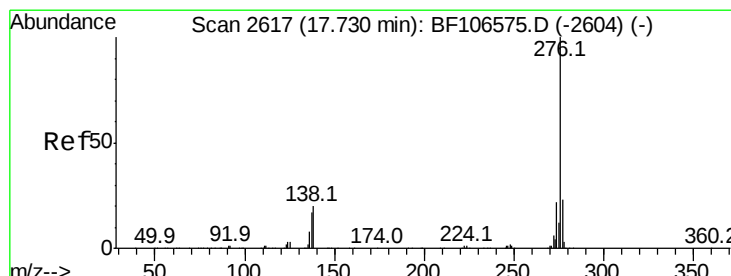
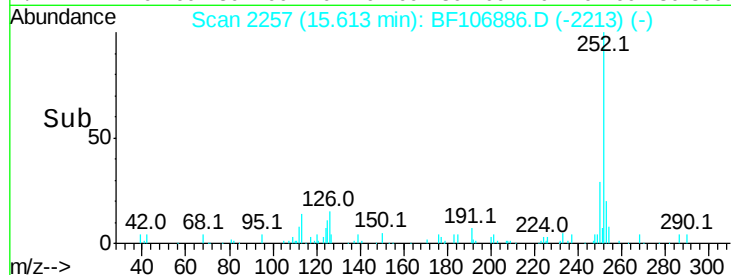
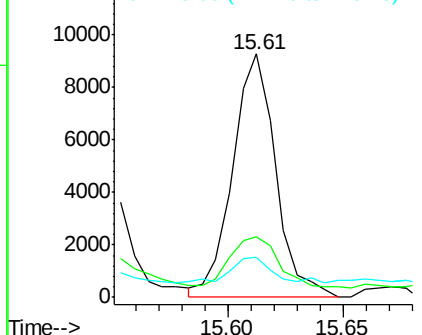
Tot Ion:	252	Resp:	12055
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.1	25.7
125	16.2	9.8	14.6

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 3.157 ng

RT: 17.73 min Scan# 2617

Delta R.T. -0.06 min

Lab File: BF106886.D

Acq: 27 Jun 2018 21:33

Tgt Ion:	276	Resp:	6133
Ion Ratio	Lower	Upper	
276	100		
277	34.1	17.9	26.9
138	22.9	21.8	32.8

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

