

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
 Data File : BF107762.D
 Acq On : 27 Jul 2018 22:37
 Operator : JU/SJ
 Sample : J4136-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-SB-01-02-03-0-25

Manual Integrations
 APPROVED

Sohil
 7/30/2018 2:03:15 PM

Quant Time: Jul 28 03:34:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	140067	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	587245	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	238884	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	403243	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	383019	20.00	ng	-0.02
86) Perylene-d12	15.68	264	345090	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	529197	60.75	ng	-0.01
7) Phenol-d6	6.60	99	715674	68.42	ng	-0.02
23) Nitrobenzene-d5	7.52	82	450197	51.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	178176	65.59	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	781989	49.48	ng	-0.02
78) Terphenyl-d14	13.08	244	633831	42.37	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.71	163	206642	11.478	ng	98
70) Phenanthrene	11.52	178	179839	9.152	ng	97
71) Anthracene	11.57	178	74758	3.779	ng	99
74) Fluoranthene	12.71	202	354959	16.834	ng	97
77) Pyrene	12.95	202	289161	11.037	ng	98
80) Benzo(a)anthracene	14.14	228	156226	6.960	ng	95
82) Chrysene	14.17	228	115392	5.352	ng	99
87) Benzo(b)fluoranthene	15.22	252	123632m	6.546	ng	
88) Benzo(k)fluoranthene	15.25	252	51505m	2.784	ng	
89) Benzo(a)pyrene	15.61	252	82325	4.765	ng	96
91) Benzo(g,h,i)perylene	17.73	276	32154	2.183	ng	# 93

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

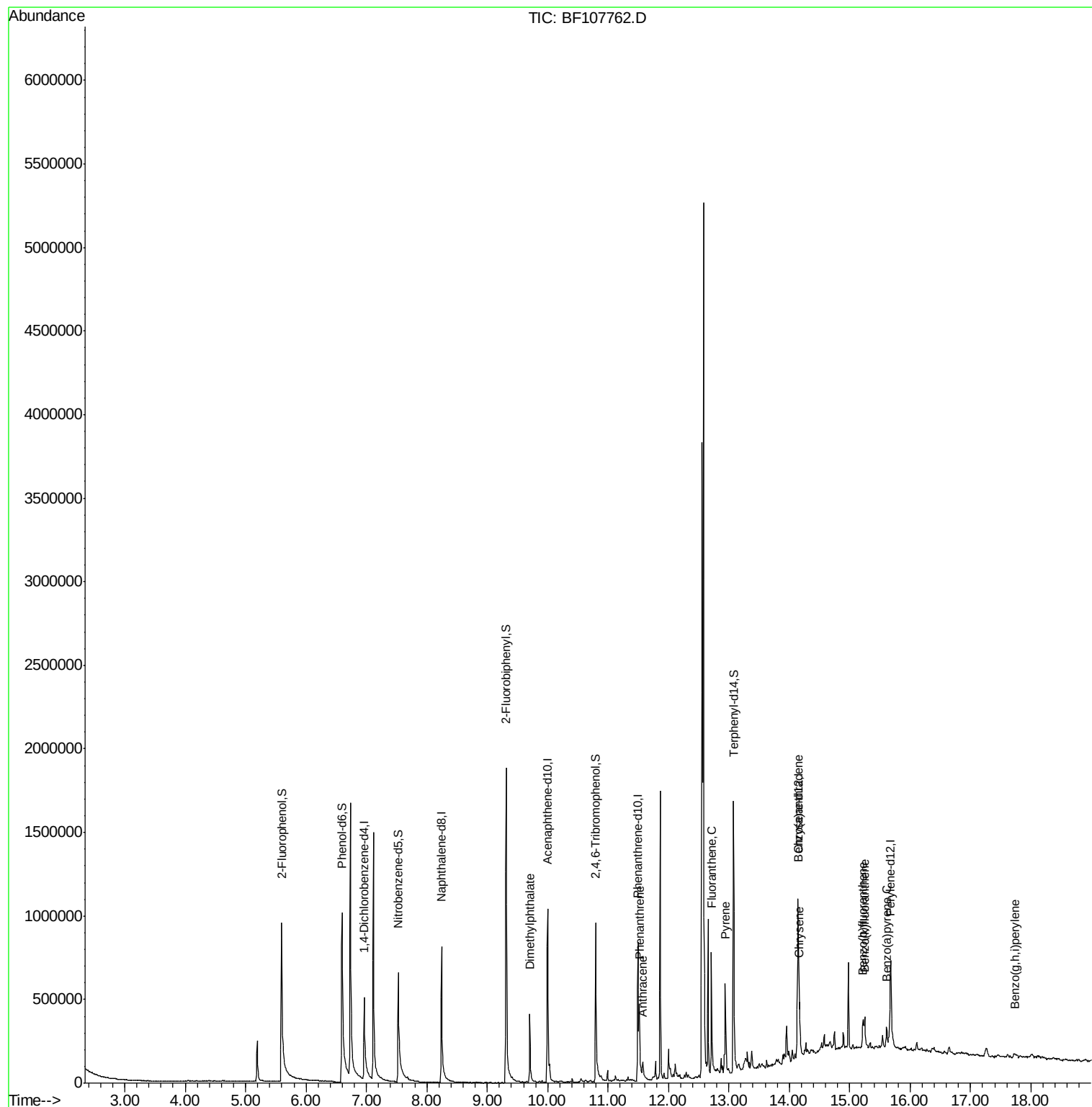
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107762.D
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Sample : J4136-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

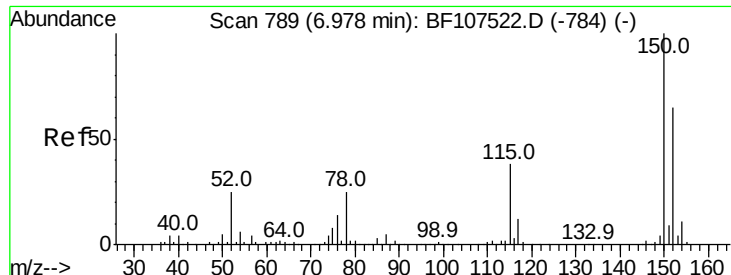
Instrument :
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#1

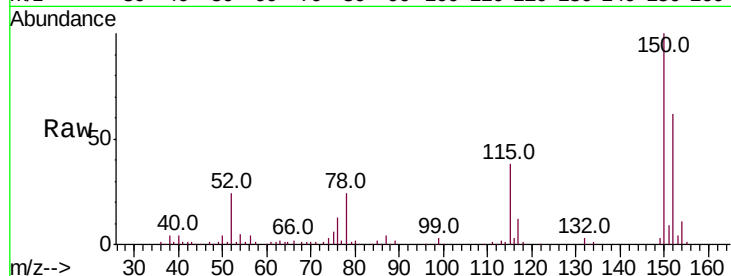
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Instrument :
BNA_F
ClientSampleId :
CON-SB-01-02-03-0-25

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.3	124.6	186.8
115	61.2	50.1	75.1

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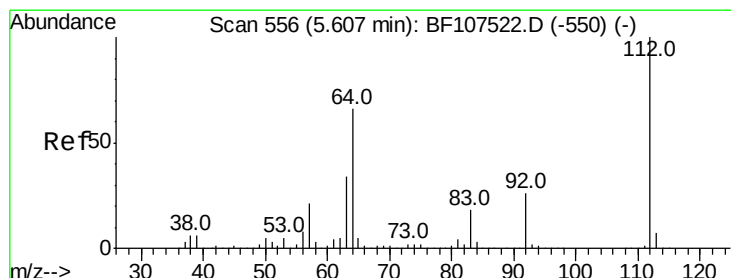
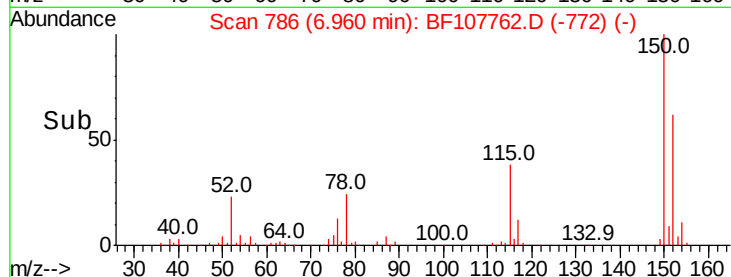
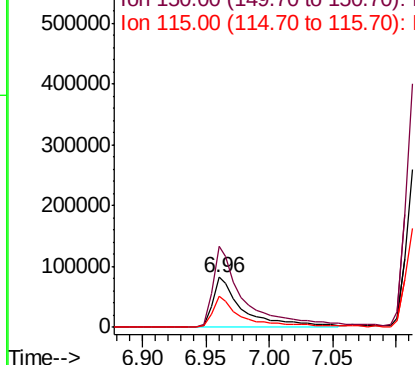


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 60.746 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

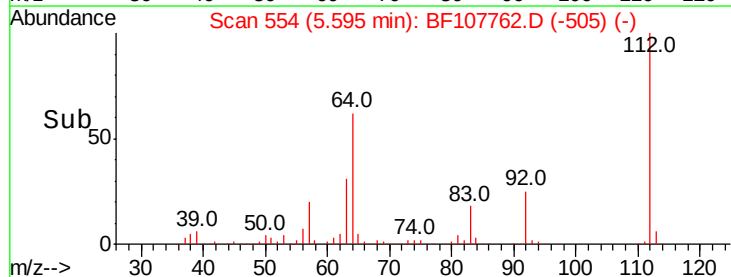
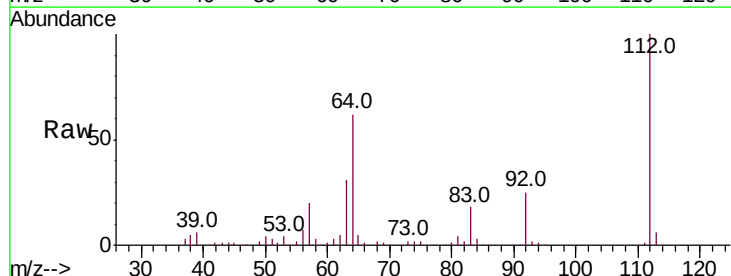
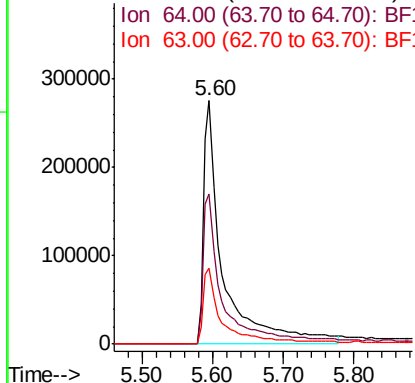
Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.9	71.9
63	31.1	23.7	35.5

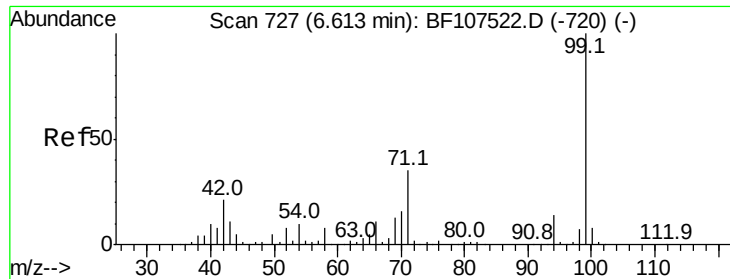
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 68.417 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107762.D

Acq: 27 Jul 2018 22:37

Instrument :

BNA_F

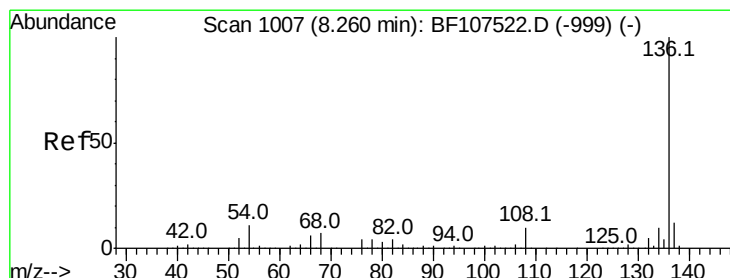
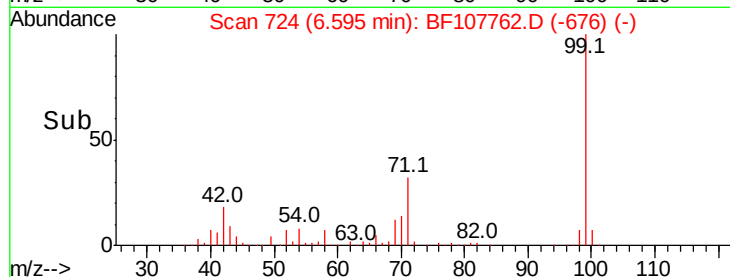
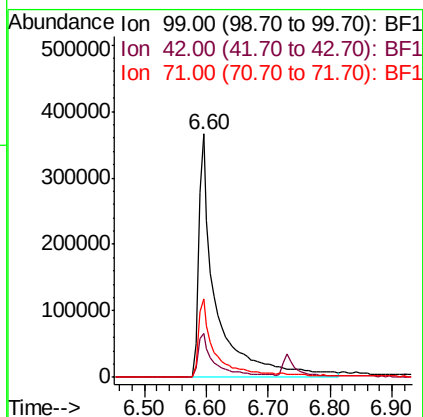
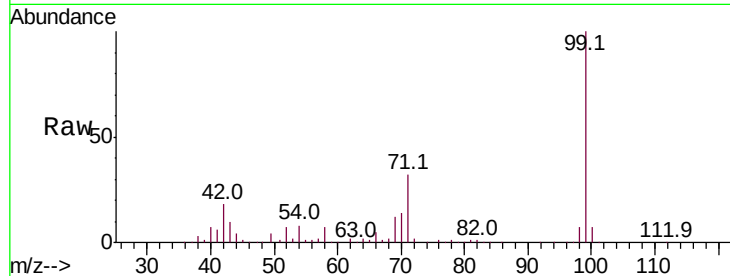
ClientSampleId :

CON-SB-01-02-03-0-25

Tot Ion:	99	Resp:	715674
Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.5	21.7
71	32.3	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

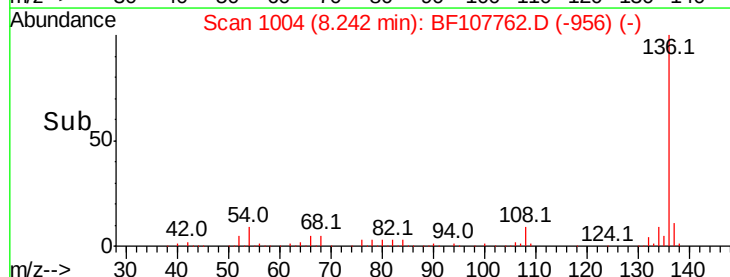
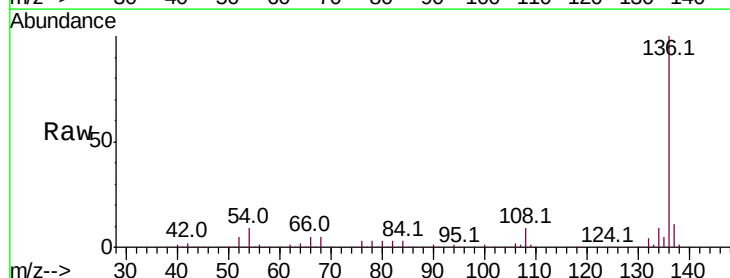
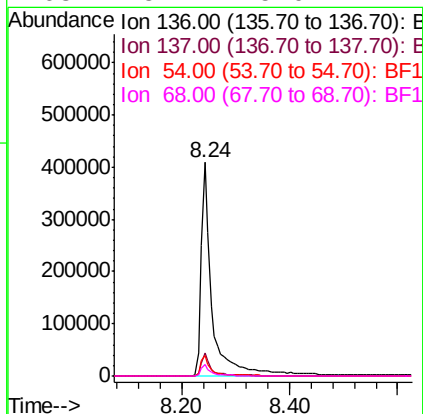
RT: 8.24 min Scan# 1004

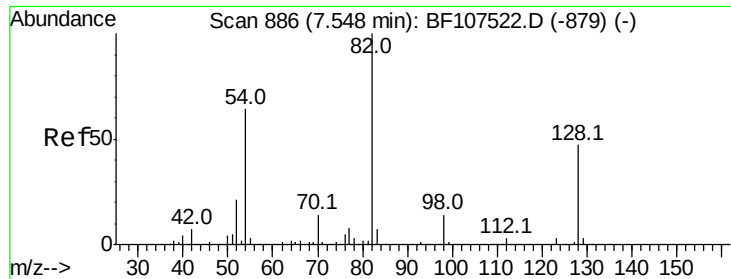
Delta R.T. -0.02 min

Lab File: BF107762.D

Acq: 27 Jul 2018 22:37

Tgt Ion:	136	Resp:	587245
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.4	6.6	9.8
68	5.4	5.0	7.4





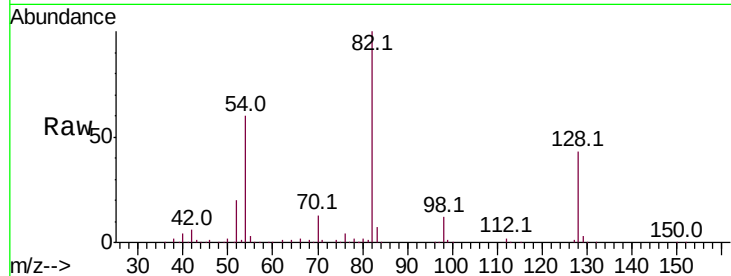
#23
Nitrobenzene-d5
Concen: 51.738 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Instrument :
BNA_F
ClientSampleId :
CON-SB-01-02-03-0-25

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	36.1	54.1
54	60.0	41.4	62.2

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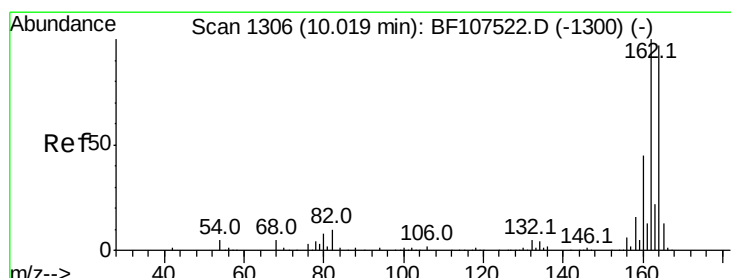
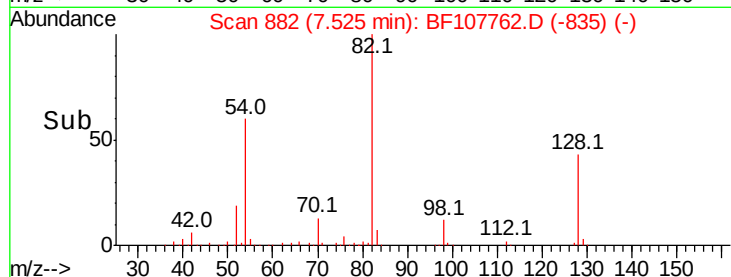
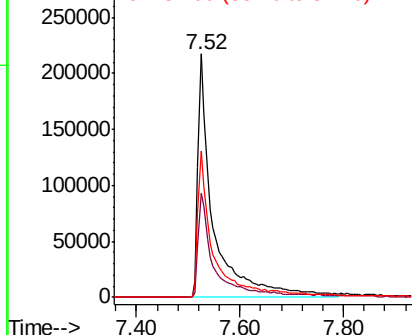


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

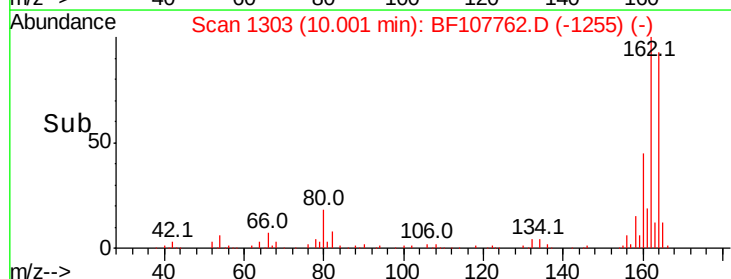
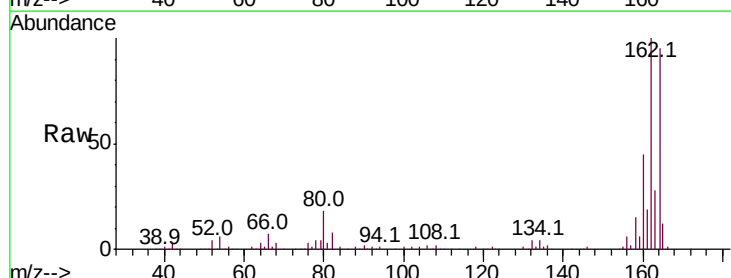
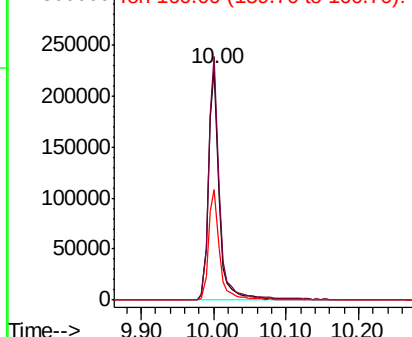
Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	47.5	38.3	57.5

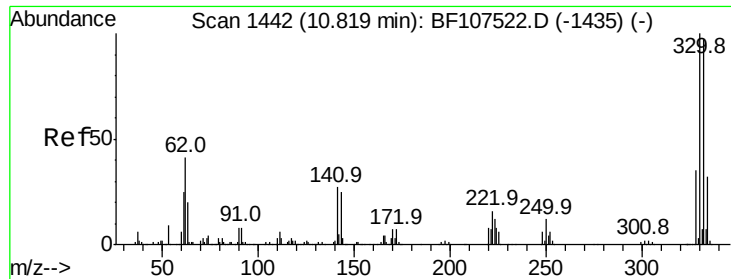
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





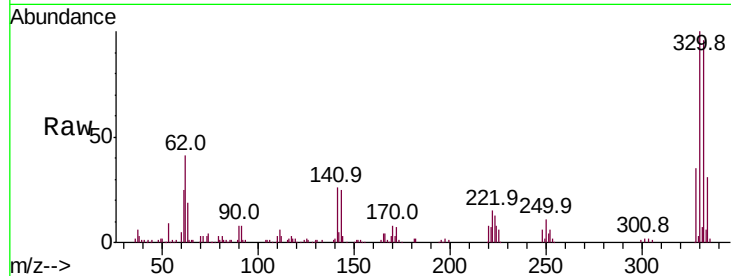
#41
 2,4,6-Tribromophenol
 Concen: 65.591 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107762.D
 Acq: 27 Jul 2018 22:37

Instrument :
 BNA_F
 ClientSampleId :
 CON-SB-01-02-03-0-25

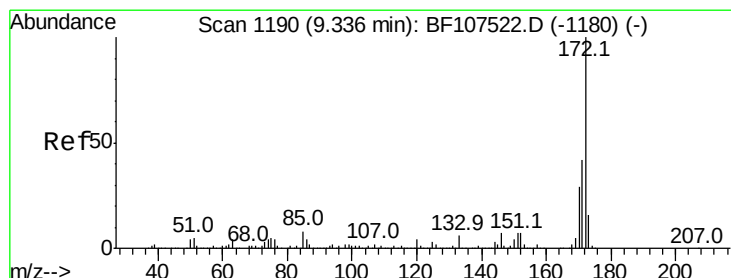
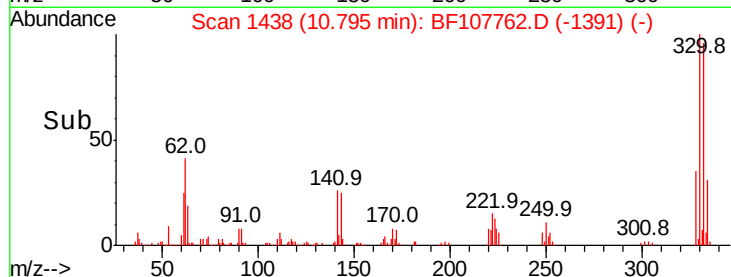
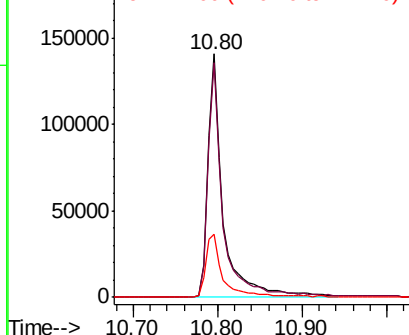
Tot Ion	Ratio	Resp	Lower	Upper
330	100	178176		
332	94.8	77.0	115.6	
141	28.2	29.9	44.9#	

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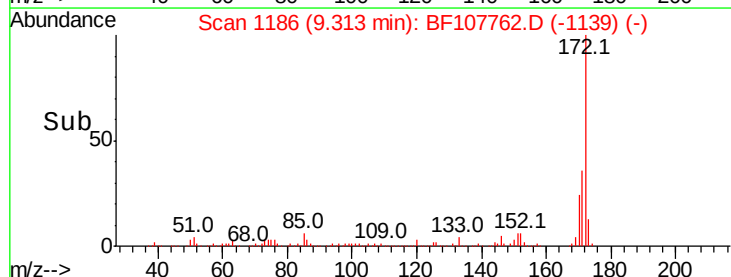
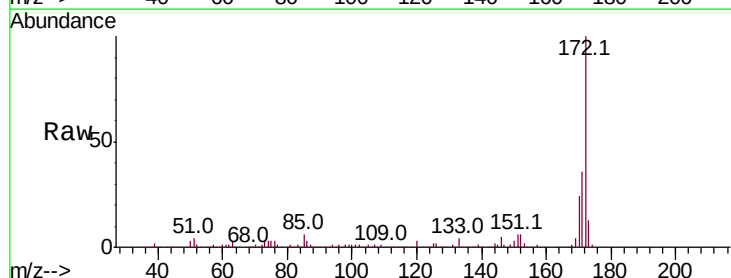
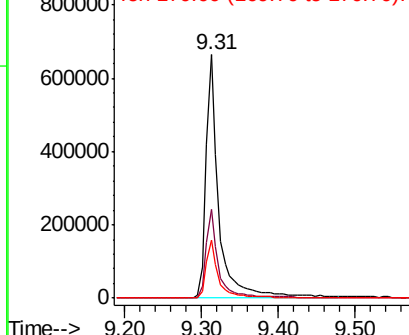
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

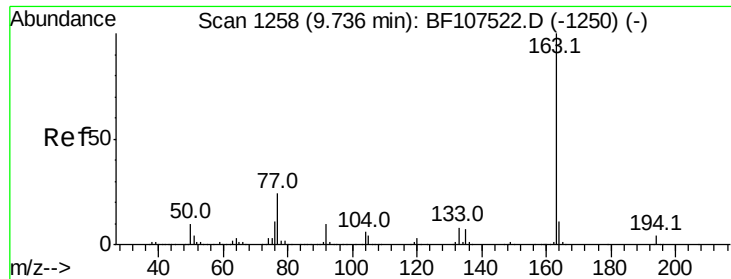


#44
 2-Fluorobiphenyl
 Concen: 49.480 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107762.D
 Acq: 27 Jul 2018 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	781989		
171	36.4	29.7	44.5	
170	23.7	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





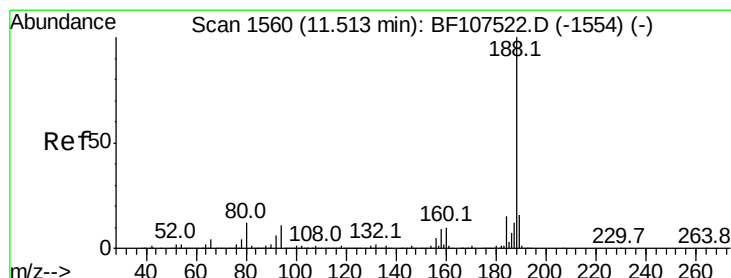
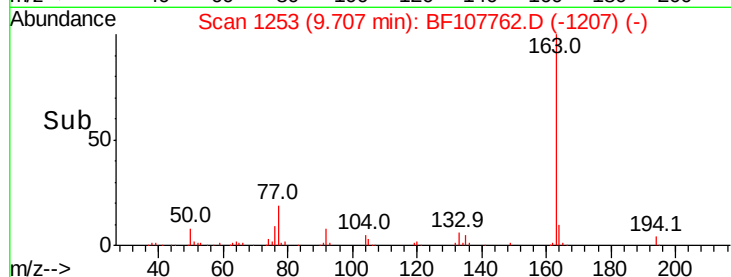
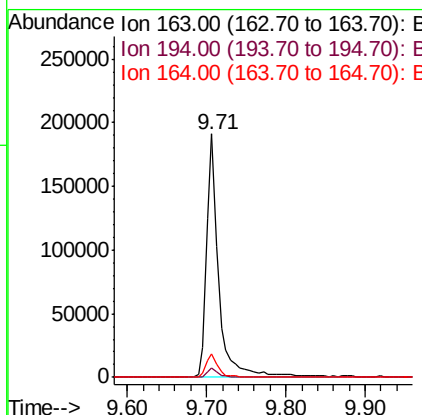
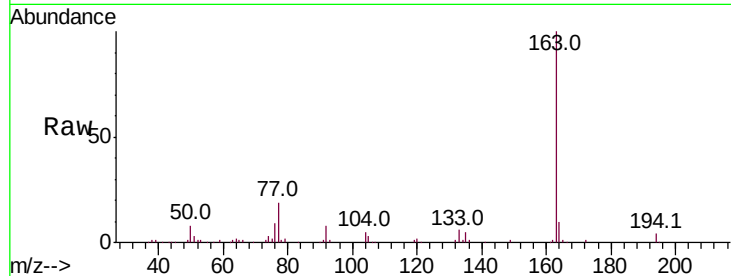
#49
Dimethylphthalate
Concen: 11.478 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Instrument :
BNA_F
ClientSampleId :
CON-SB-01-02-03-0-25

Tot Ion	Ratio	Resp	Lower	Upper
163	100	206642		
194	3.9		2.7	4.1
164	9.6		8.2	12.2

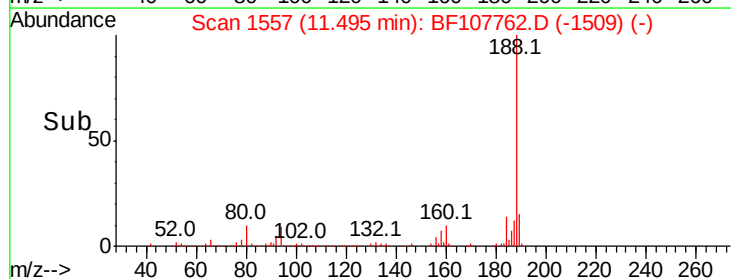
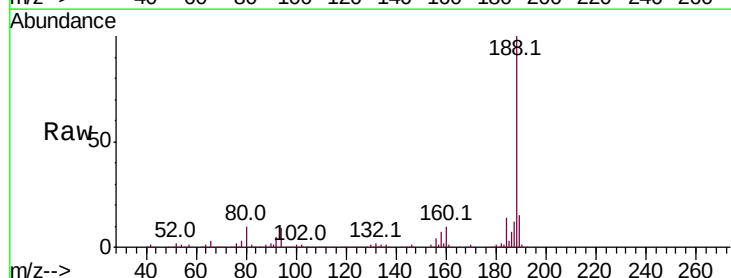
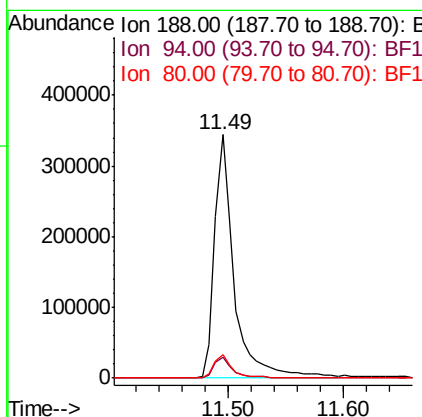
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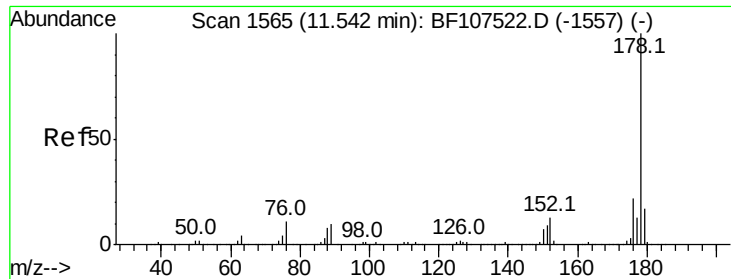
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	403243		
94	8.7		8.5	12.7
80	9.7		9.2	13.8





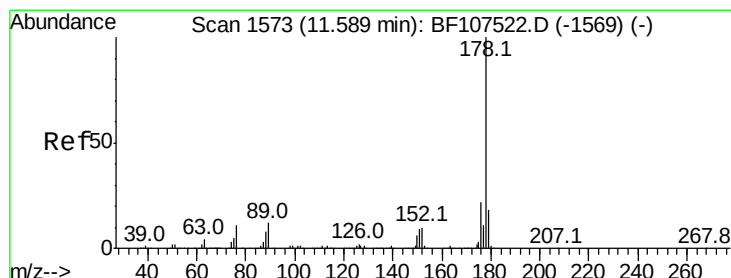
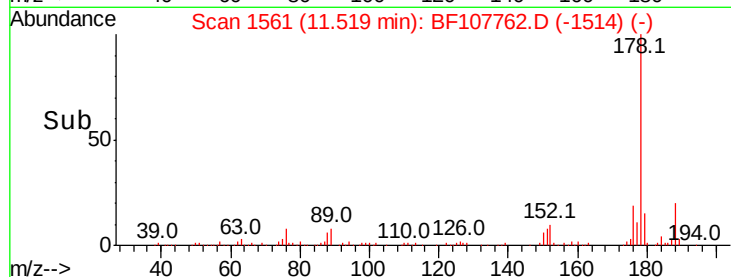
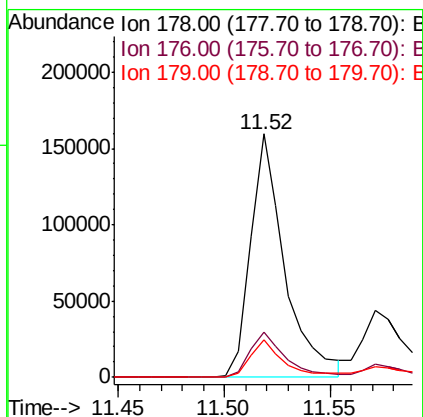
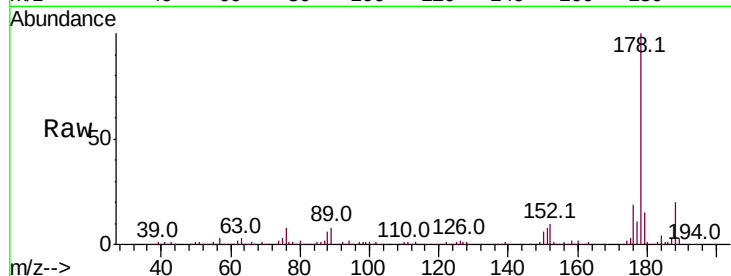
#70
Phenanthrene
Concen: 9.152 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Instrument :
BNA_F
ClientSampleId :
CON-SB-01-02-03-0-25

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.2	13.0	19.6

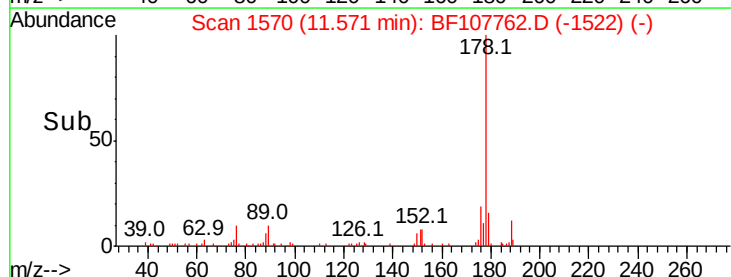
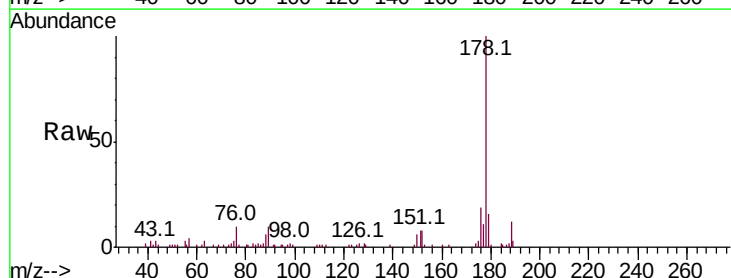
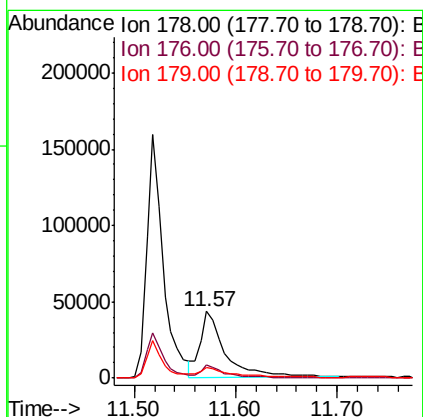
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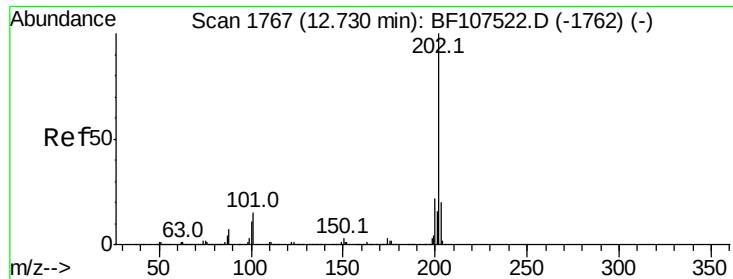
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#71
Anthracene
Concen: 3.779 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	16.5	12.6	19.0





#74

Fluoranthene

Concen: 16.834 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF107762.D

Acq: 27 Jul 2018 22:37

Instrument :

BNA_F

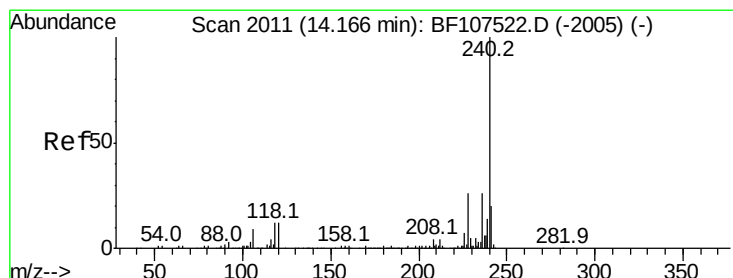
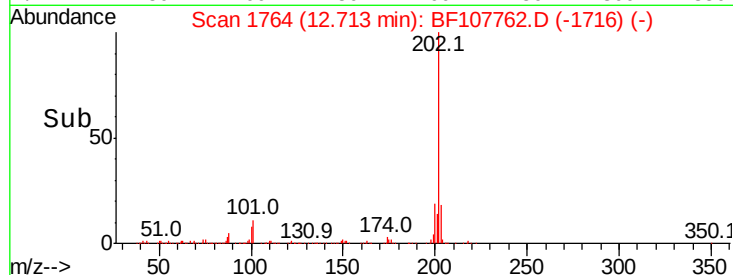
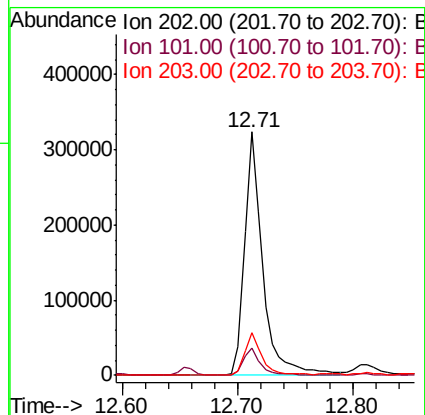
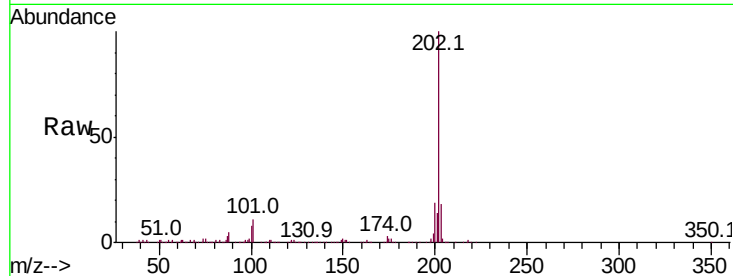
ClientSampleId :

CON-SB-01-02-03-0-25

Tot Ion:	202	Resp:	354959
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	34.1
203	17.6	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

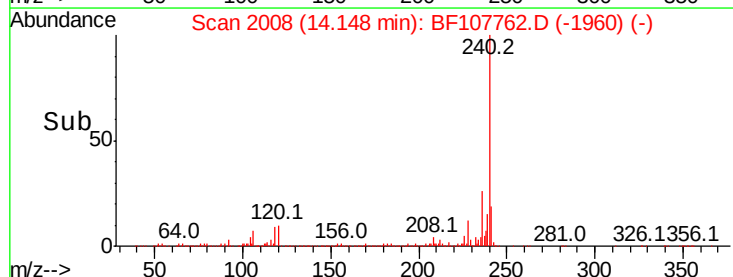
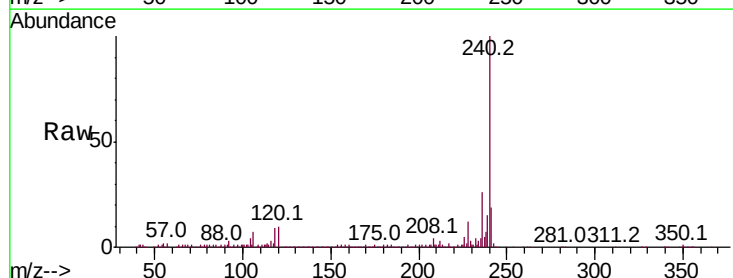
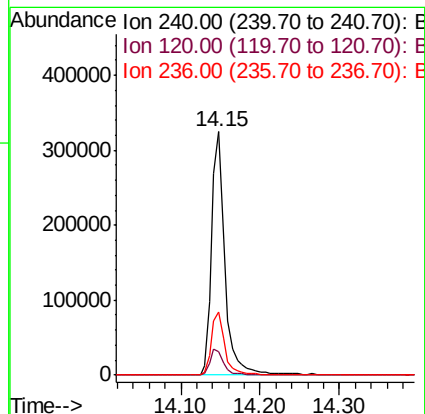
RT: 14.15 min Scan# 2008

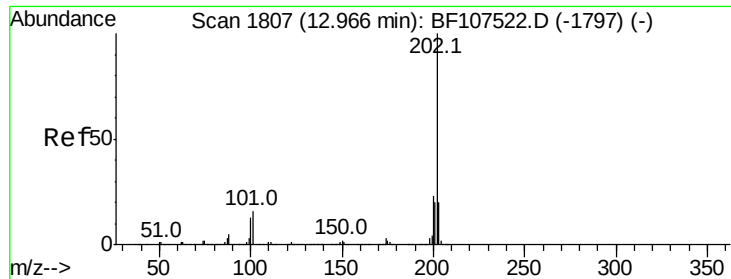
Delta R.T. -0.02 min

Lab File: BF107762.D

Acq: 27 Jul 2018 22:37

Tgt Ion:	240	Resp:	383019
Ion Ratio	Lower	Upper	
240	100		
120	9.7	9.5	14.3
236	25.9	20.7	31.1





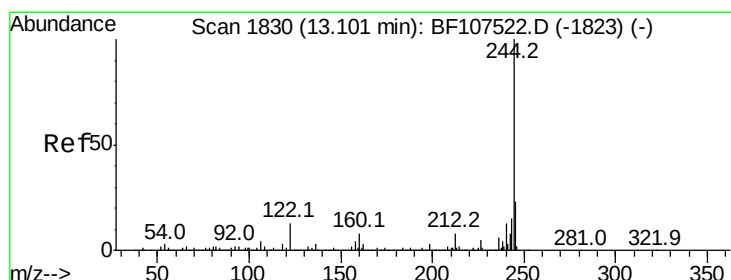
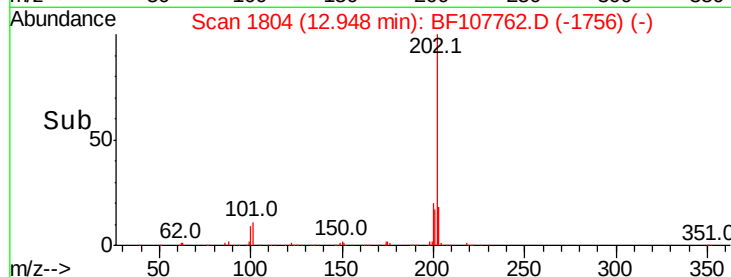
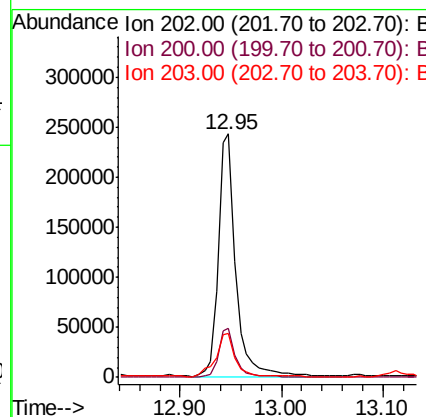
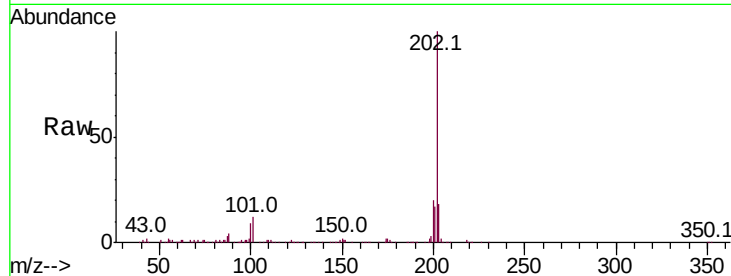
#77
Pvrene
Concen: 11.037 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Instrument :
BNA_F
ClientSampleId :
CON-SB-01-02-03-0-25

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.3	17.4	26.2
203	17.9	14.3	21.5

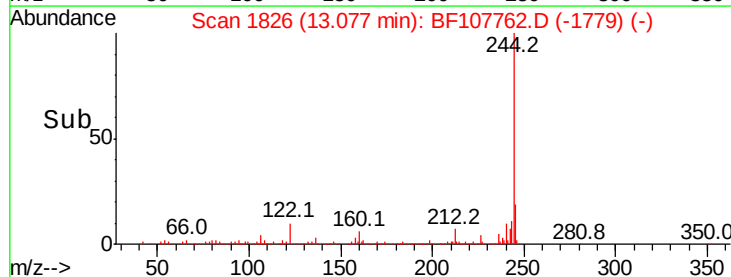
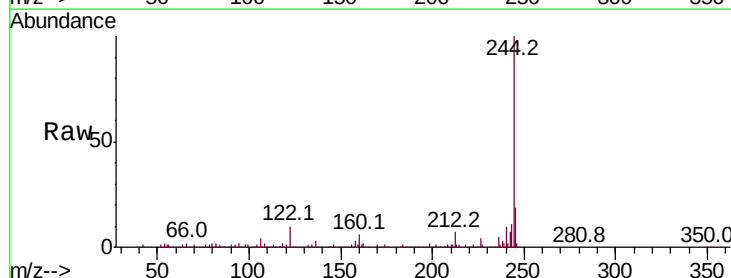
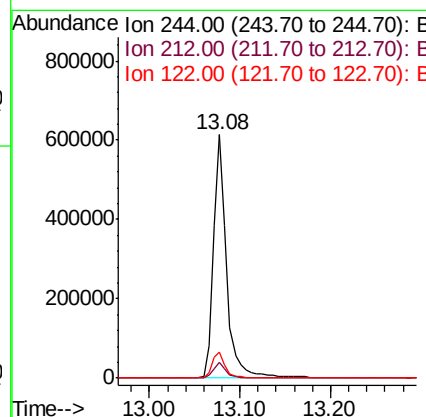
Manual Integrations
APPROVED

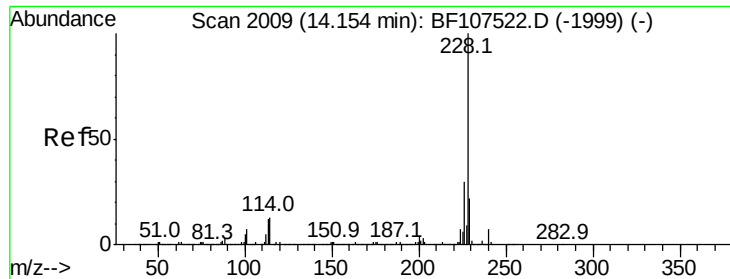
Sohil
7/30/2018 2:03:15 PM



#78
Terphenyl-d14
Concen: 42.365 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.5	11.0	16.4





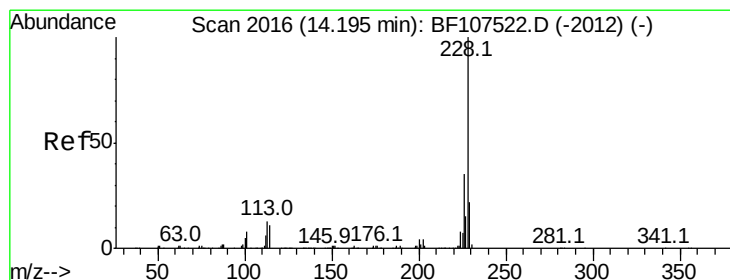
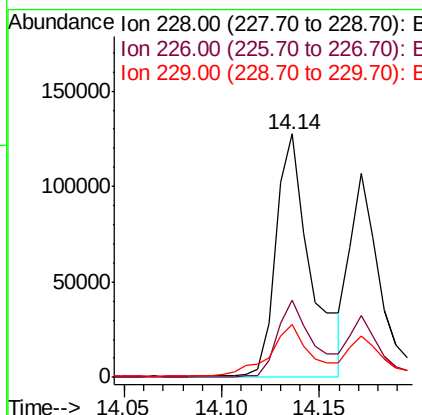
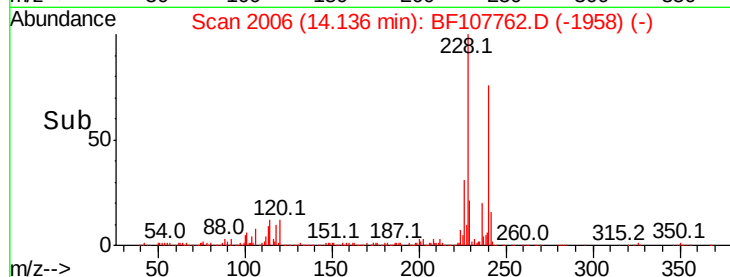
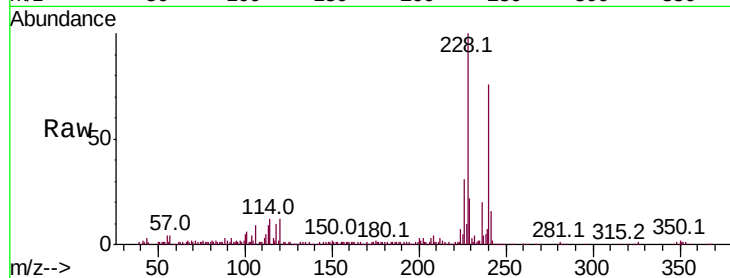
#80
Benzo(a)anthracene
Concen: 6.960 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Instrument :
BNA_F
ClientSampleId :
CON-SB-01-02-03-0-25

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.6	33.8
229	21.6	15.8	23.6

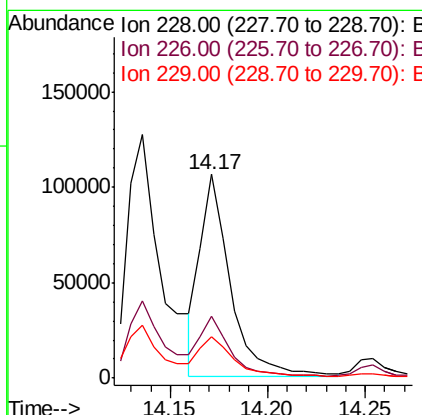
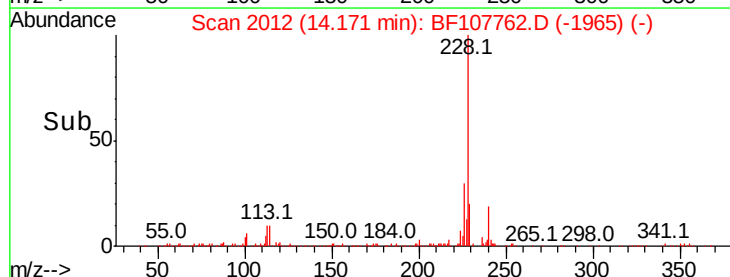
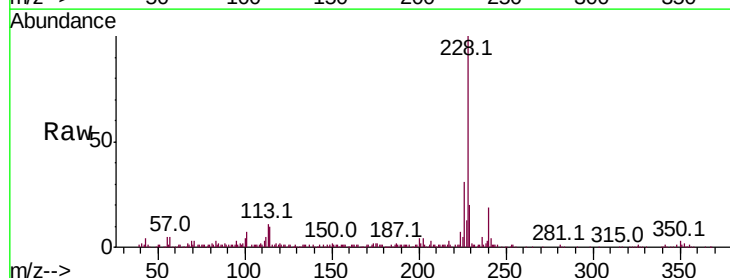
Manual Integrations
APPROVED

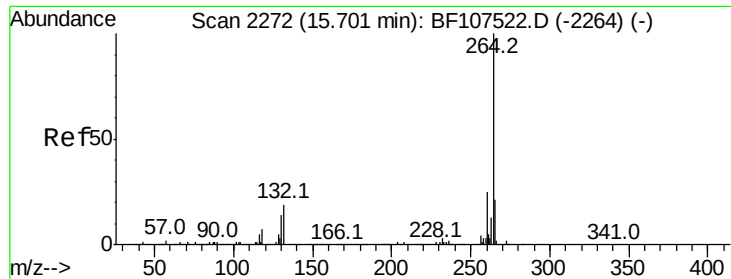
Sohil
7/30/2018 2:03:15 PM



#82
Chrysene
Concen: 5.352 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.4	16.2	24.4





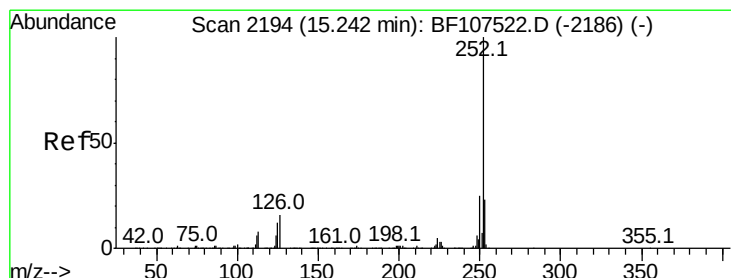
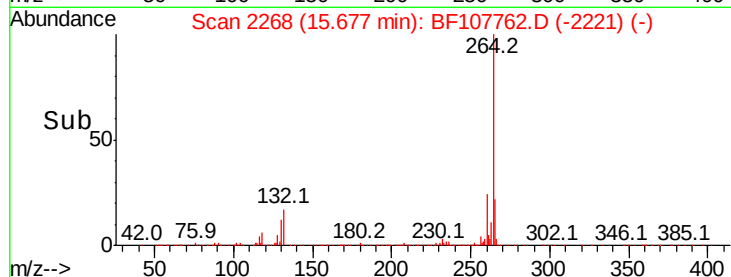
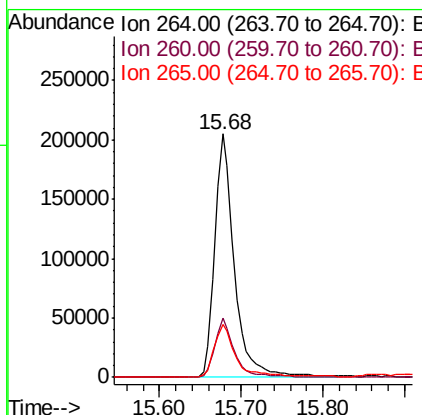
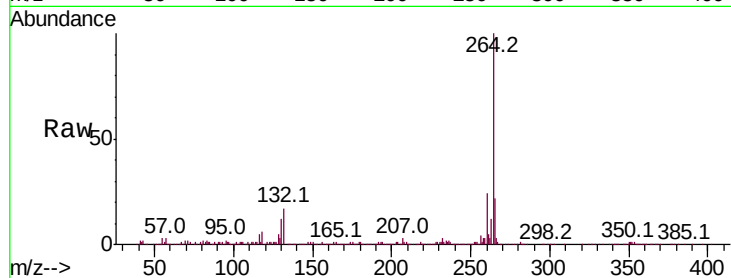
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Instrument :
BNA_F
ClientSampleId :
CON-SB-01-02-03-0-25

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	17.5	26.3

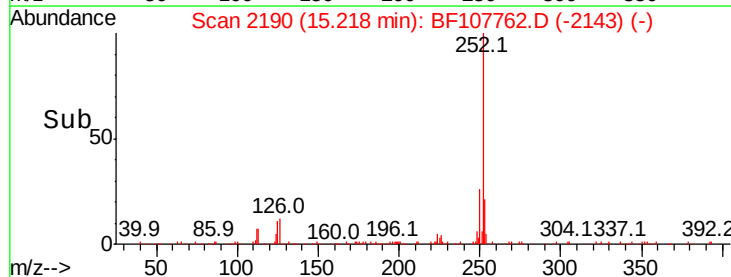
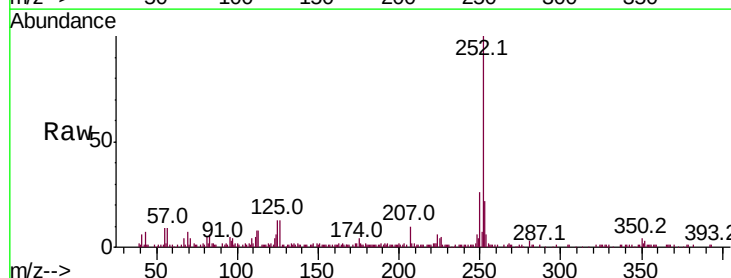
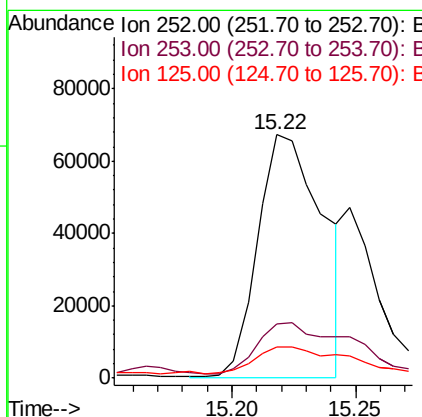
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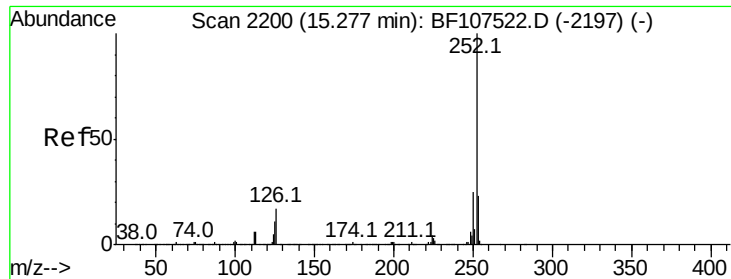
Sohil
7/30/2018 2:03:15 PM



#87
Benzo(b)fluoranthene
Concen: 6.546 ng m
RT: 15.22 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	12.8	9.0	13.6





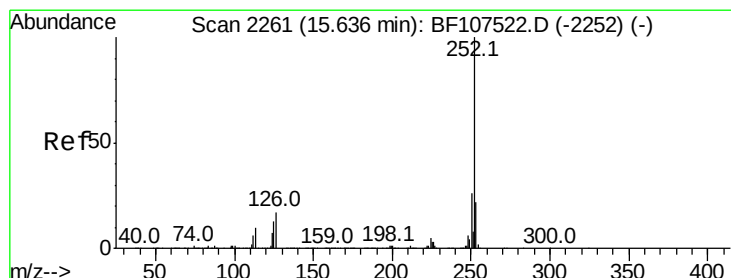
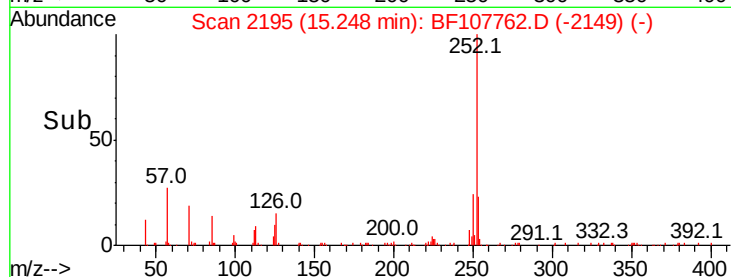
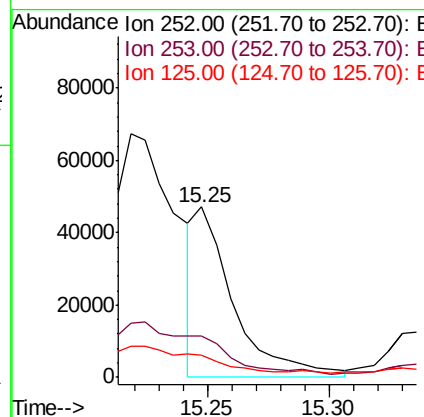
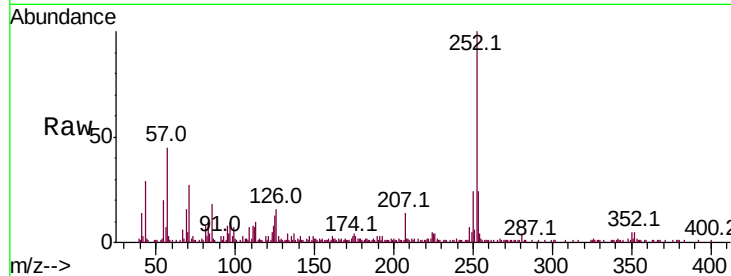
#88
Benzo(k)fluoranthene
Concen: 2.784 ng m
RT: 15.25 min Scan# 2195
Delta R.T. -0.03 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Instrument :
BNA_F
ClientSampleId :
CON-SB-01-02-03-0-25

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.9	26.9
125	12.8	10.2	15.2

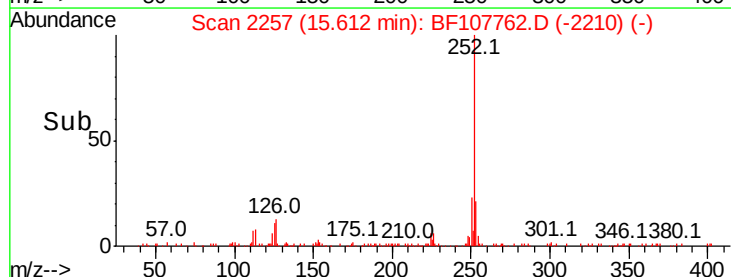
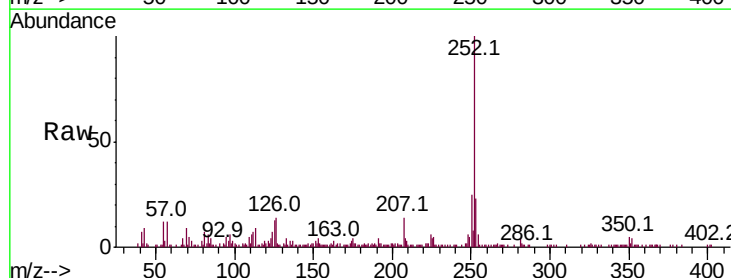
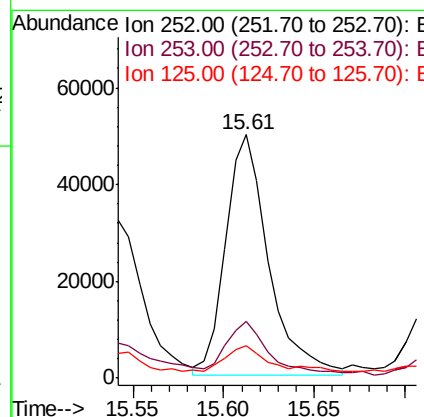
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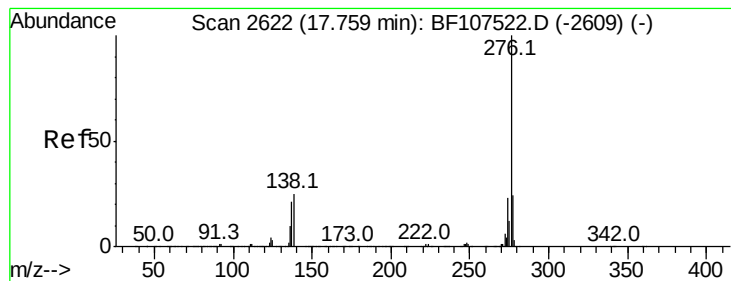
Sohil
7/30/2018 2:03:15 PM



#89
Benzo(a)pyrene
Concen: 4.765 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	13.2	9.8	14.6





#91

Benzo(a,h,i)perylene

Concen: 2.183 ng

RT: 17.73 min Scan# 2617

Delta R.T. -0.03 min

Lab File: BF107762.D

Acq: 27 Jul 2018 22:37

Instrument :

BNA_F

ClientSampleId :

CON-SB-01-02-03-0-25

Tot Ion:	276	Resp:	32154
Ion Ratio	Lower	Upper	
276	100		
277	27.3	17.9	26.9#
138	30.0	21.8	32.8

Manual Integrations
APPROVED

Sohil

7/30/2018 2:03:15 PM

