

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107547.D
 Acq On : 21 Jul 2018 1:49
 Operator : JU/SJ
 Sample : J4062-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Manual Integrations
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Sohil
 7/23/2018 12:44:46 PM

Quant Time: Jul 21 05:09:17 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	6.97	152	325247	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1240303	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	476401	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	832132	20.00	ng	0.00
75) Chrysene-d12	14.16	240	752952	20.00	ng	0.00
86) Perylene-d12	15.69	264	598416	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	924489	45.70	ng	0.00
7) Phenol-d6	6.60	99	1164113	47.93	ng	-0.01
23) Nitrobenzene-d5	7.54	82	654915	35.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	234042	43.20	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1114035	32.53	ng	0.00
78) Terphenyl-d14	13.09	244	910451	30.96	ng	0.00
Target Compounds						
70) Phenanthrene	11.54	178	135154	3.333	ng	98
74) Fluoranthene	12.72	202	317384	7.294	ng	99
77) Pyrene	12.96	202	269024	5.223	ng	97
80) Benzo(a)anthracene	14.15	228	144840	3.283	ng	97
82) Chrysene	14.18	228	141221	3.332	ng	98
87) Benzo(b)fluoranthene	15.24	252	162829m	4.972	ng	
89) Benzo(a)pyrene	15.62	252	94962	3.170	ng	# 91
91) Benzo(g,h,i)perylene	17.74	276	56580	2.215	ng	# 92

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

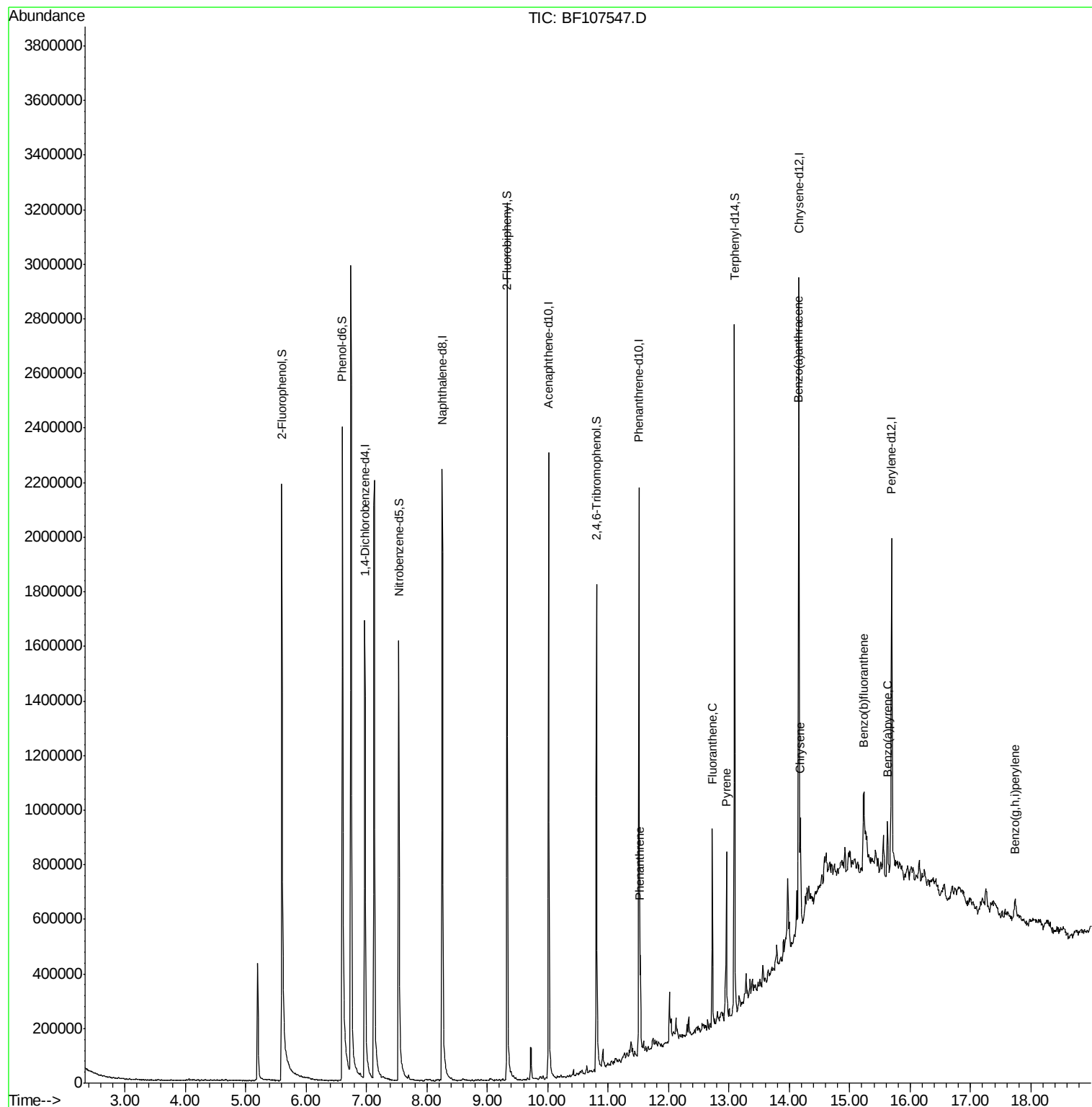
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107547.D
Acq On : 21 Jul 2018 1:49
Operator : JU/SJ
Sample : J4062-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

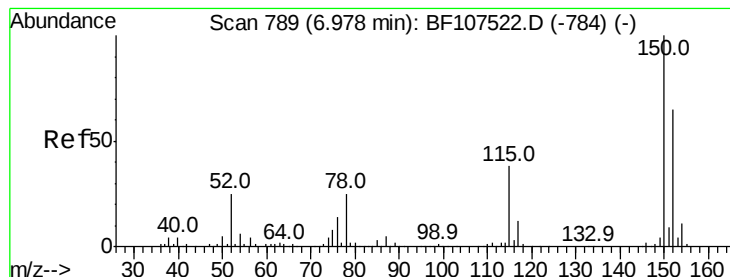
Instrument :
BNA_F
ClientSampled :
TP-3

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7/23/2018 12:44:46 PM

Quant Time: Jul 21 05:09:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

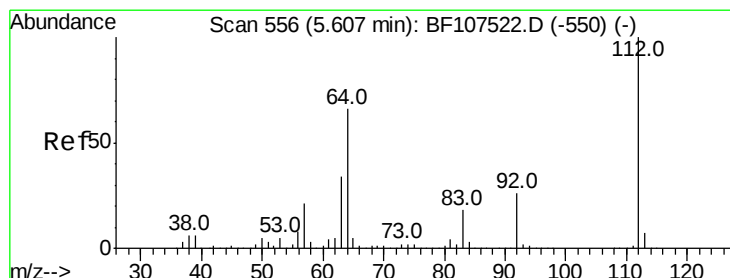
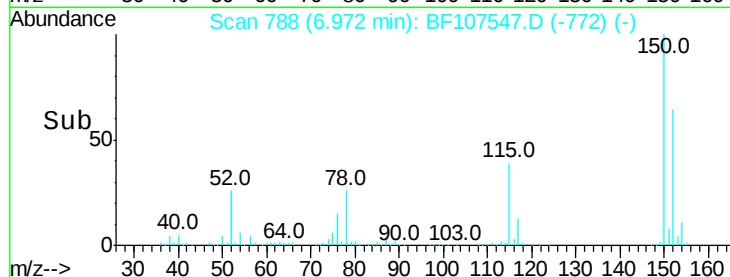
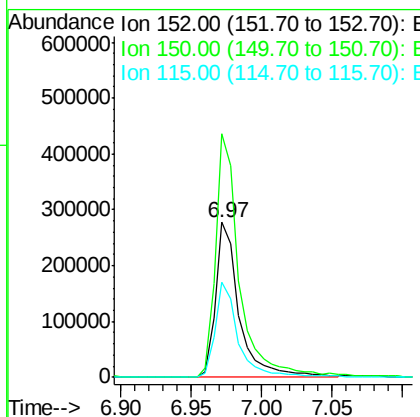
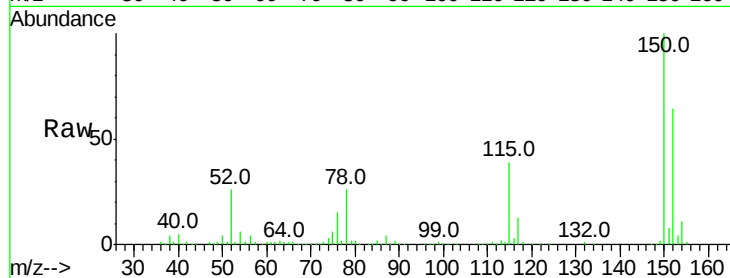
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107547.D
Acq: 21 Jul 2018 1:49

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	61.0	50.1	75.1

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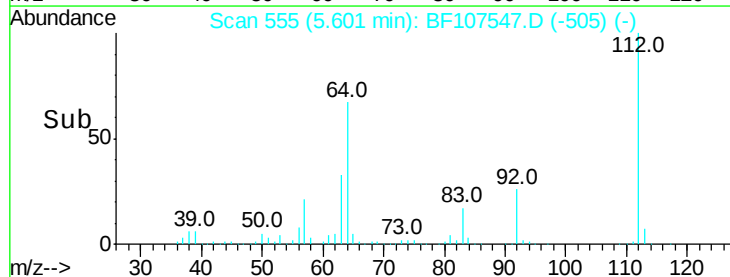
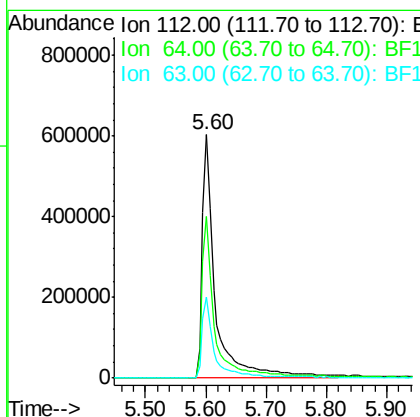
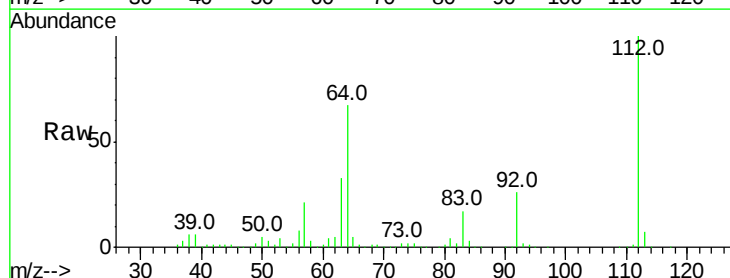
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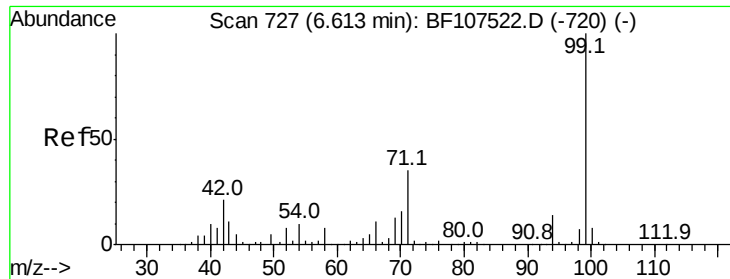


#5

2-Fluorophenol
Concen: 45.701 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107547.D
Acq: 21 Jul 2018 1:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	47.9	71.9
63	33.2	23.7	35.5





#7

Phenol-d6

Concen: 47.926 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107547.D

Acq: 21 Jul 2018 1:49

Instrument :

BNA_F

ClientSampled :

TP-3

Tot Ion: 99 Resp: 1164113

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

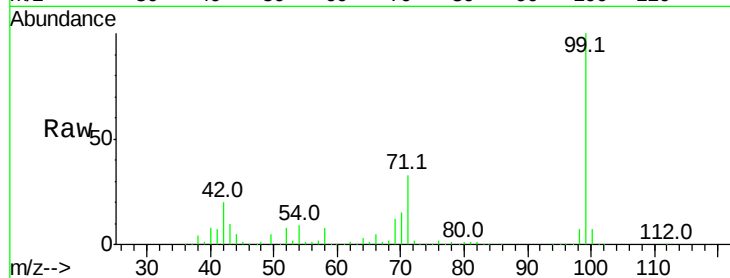
71 33.4 25.4 38.0

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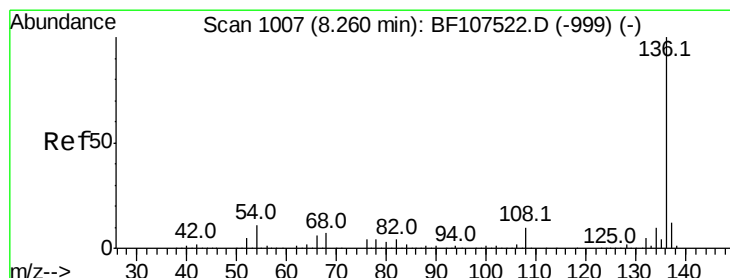
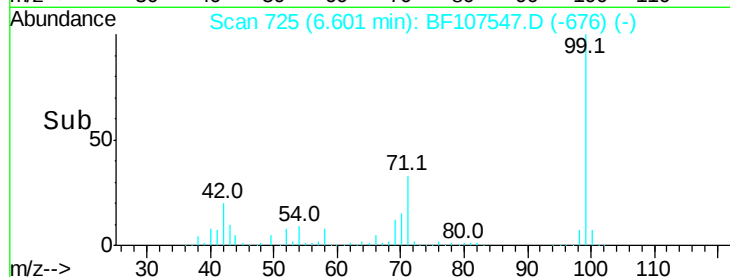
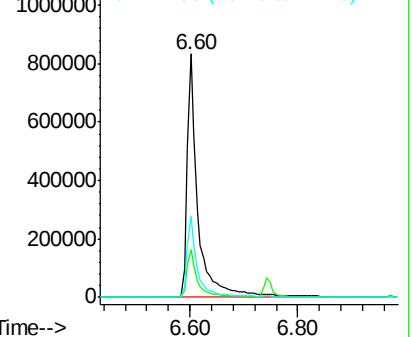
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF107547.D

Acq: 21 Jul 2018 1:49

Tgt Ion: 136 Resp: 1240303

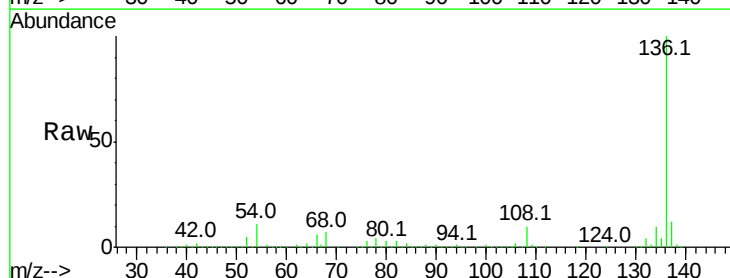
Ion Ratio Lower Upper

136 100

137 11.9 8.9 13.3

54 10.7 6.6 9.8#

68 6.8 5.0 7.4

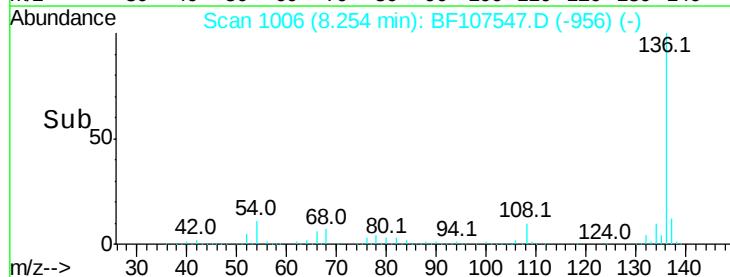
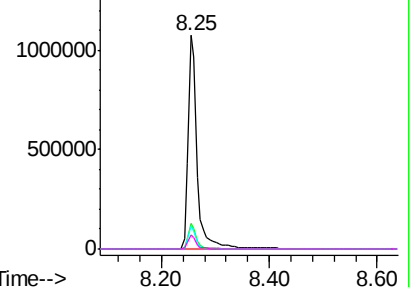


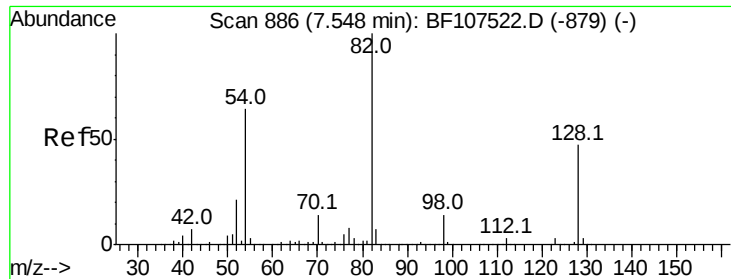
Abundance Ion 136.00 (135.70 to 136.70): E

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





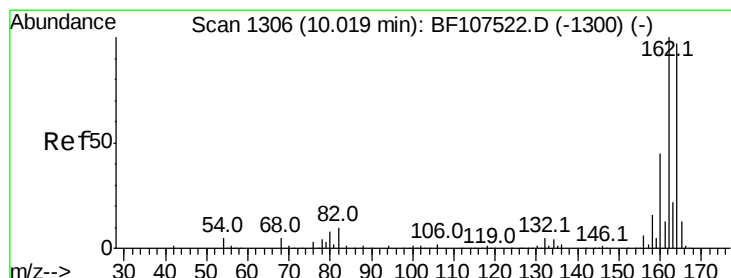
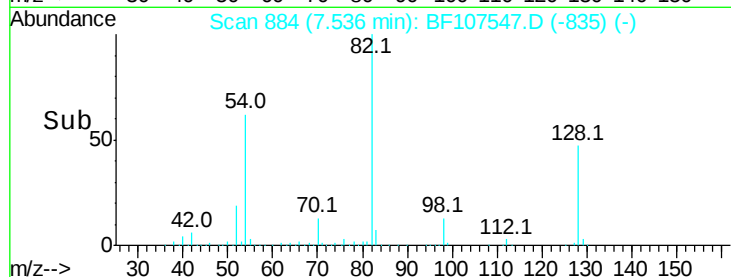
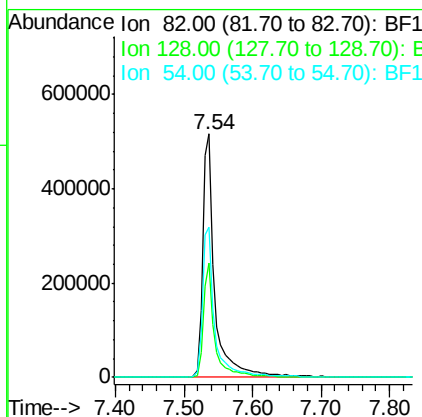
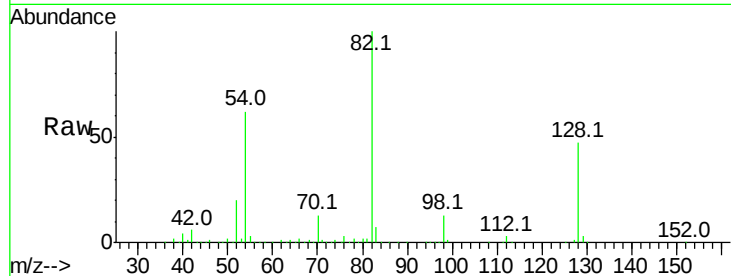
#23
Nitrobenzene-d5
Concen: 35.635 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107547.D
Acq: 21 Jul 2018 1:49

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	61.7	41.4	62.2

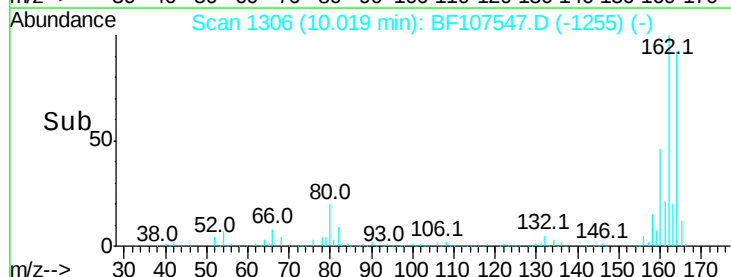
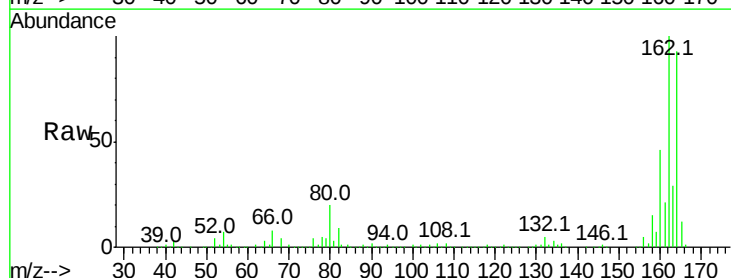
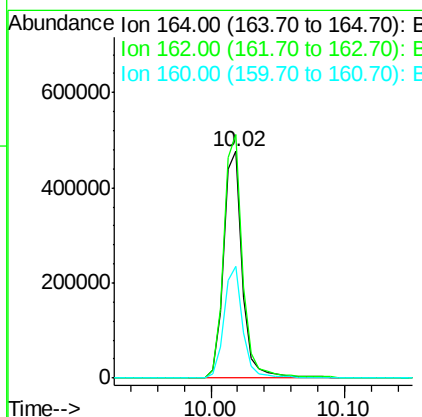
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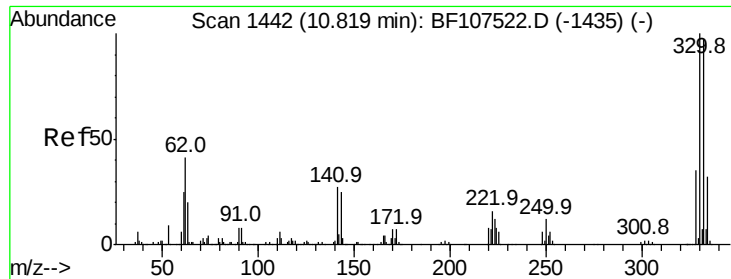
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF107547.D
Acq: 21 Jul 2018 1:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.3	86.1	129.1
160	49.5	38.3	57.5





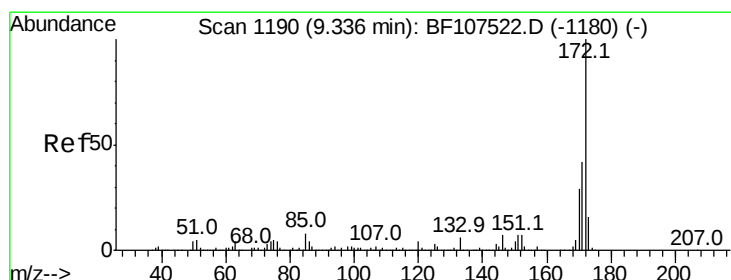
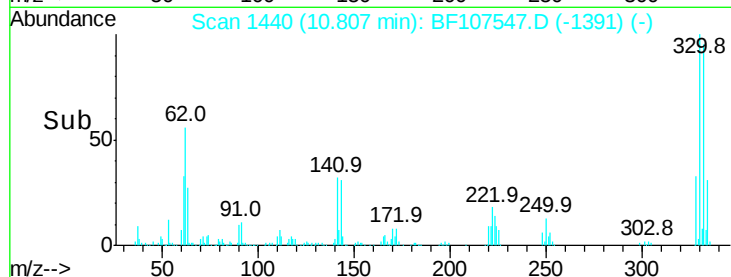
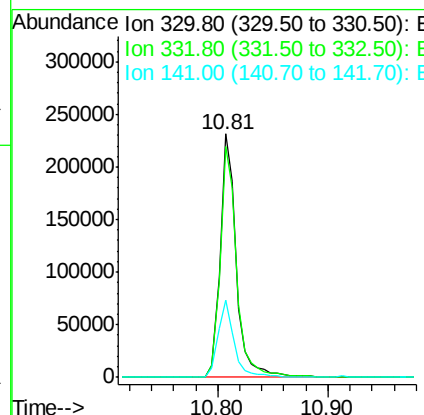
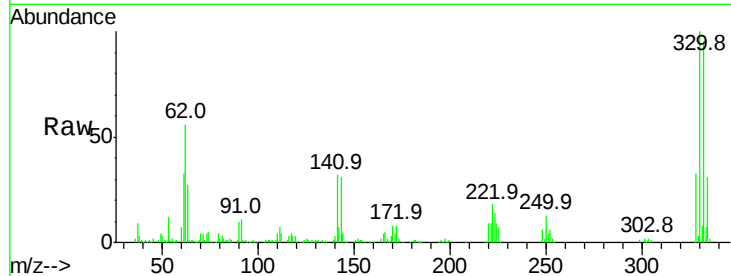
#41
 2,4,6-Tribromophenol
 Concen: 43.202 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107547.D
 Acq: 21 Jul 2018 1:49

Instrument :
 BNA_F
 ClientSampled :
 TP-3

Tot Ion	Ratio	Resp	Lower	Upper
330	100	234042		
332	97.4	77.0	115.6	
141	31.8	29.9	44.9	

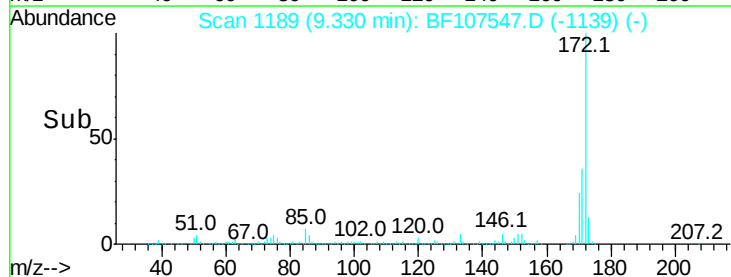
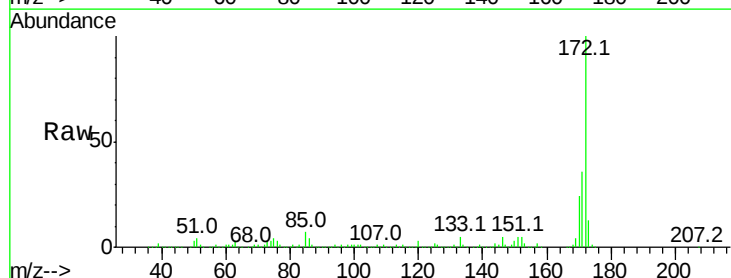
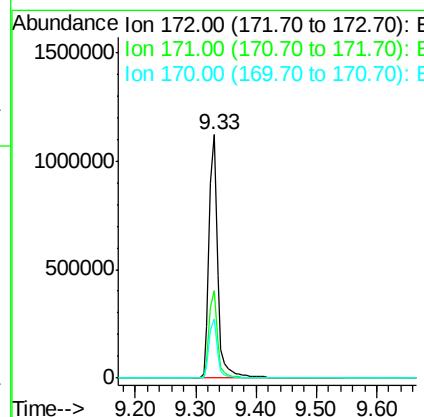
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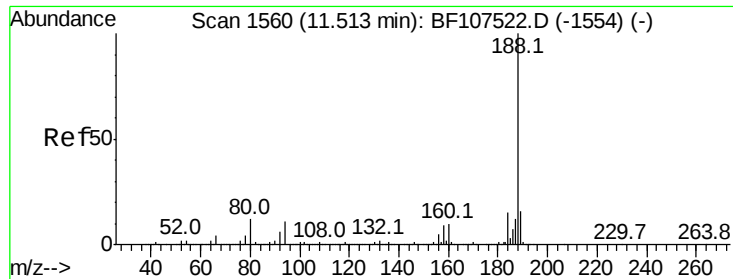
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#44
 2-Fluorobiphenyl
 Concen: 32.525 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107547.D
 Acq: 21 Jul 2018 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1114035		
171	36.0	29.7	44.5	
170	24.1	19.6	29.4	





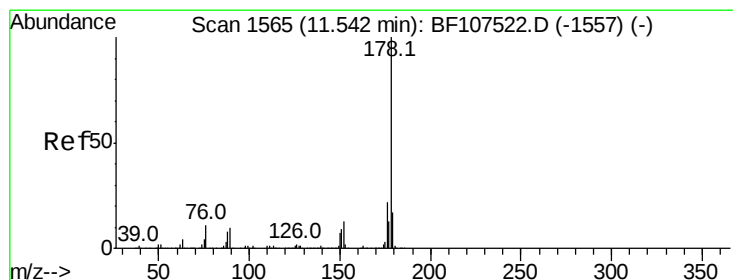
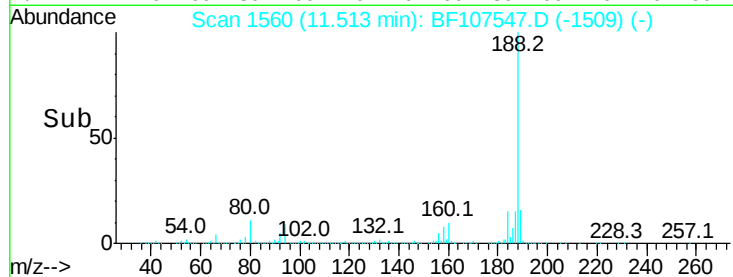
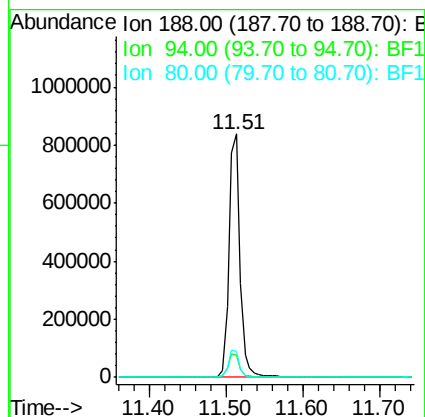
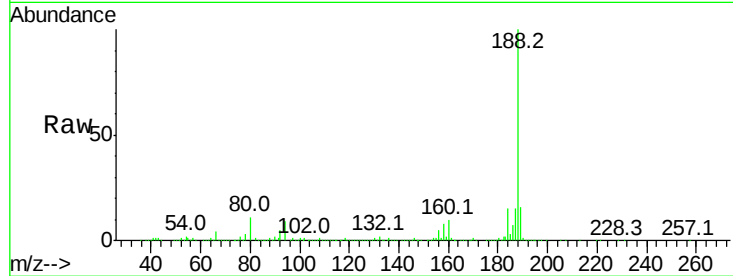
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF107547.D
Acq: 21 Jul 2018 1:49

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.6	9.2	13.8

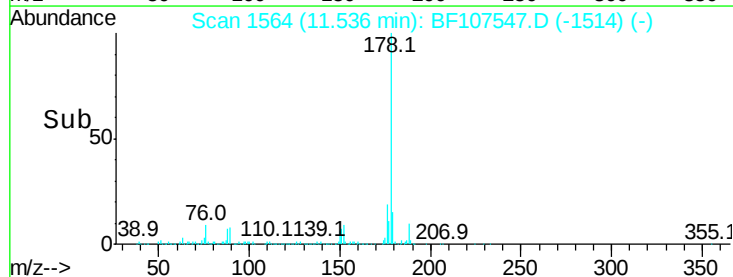
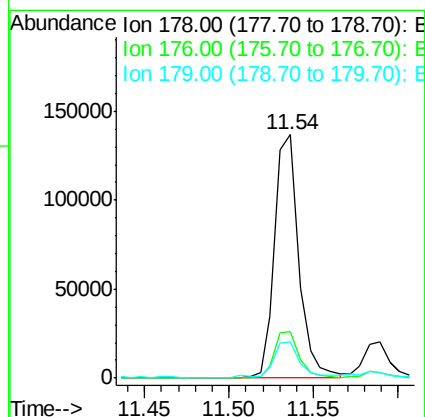
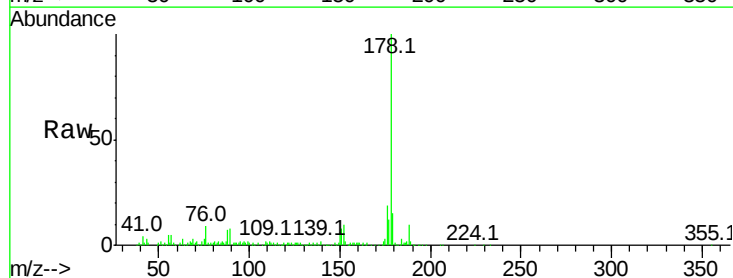
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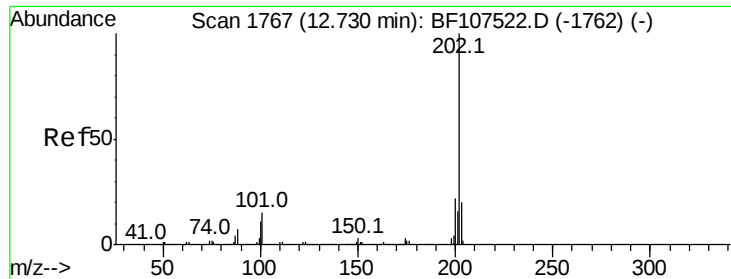
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#70
Phenanthrene
Concen: 3.333 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF107547.D
Acq: 21 Jul 2018 1:49

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.0	13.0	19.6





#74

Fluoranthene

Concen: 7.294 ng

RT: 12.72 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF107547.D

Acq: 21 Jul 2018 1:49

Instrument :

BNA_F

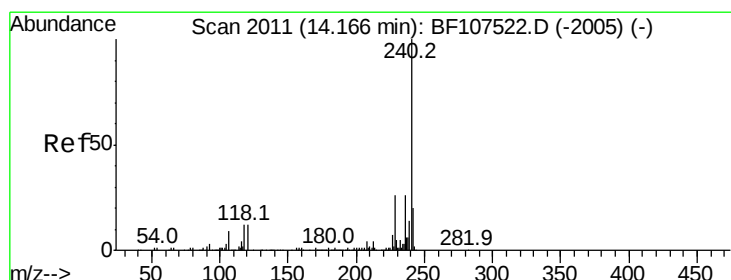
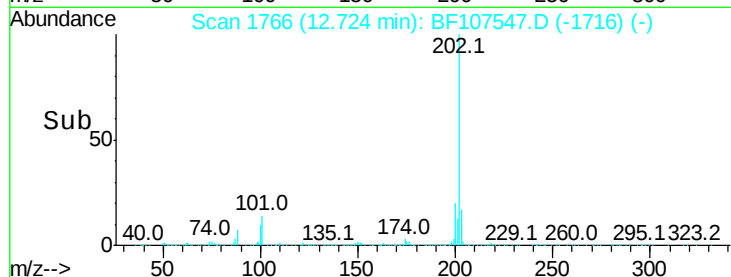
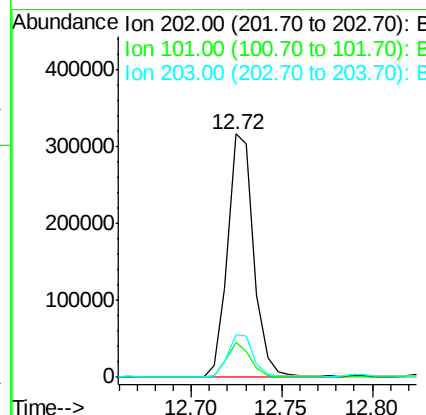
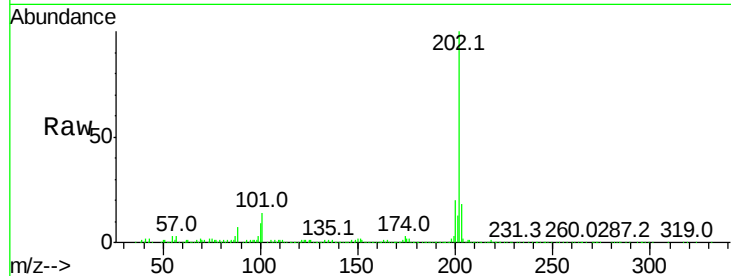
ClientSampleId :

TP-3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.4	0.0	34.1
203	17.6	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

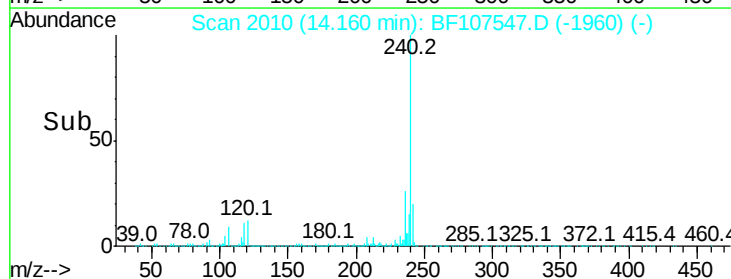
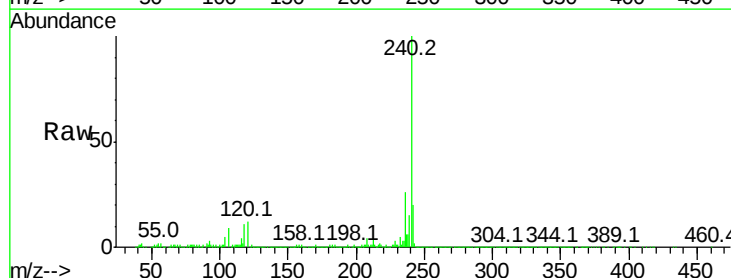
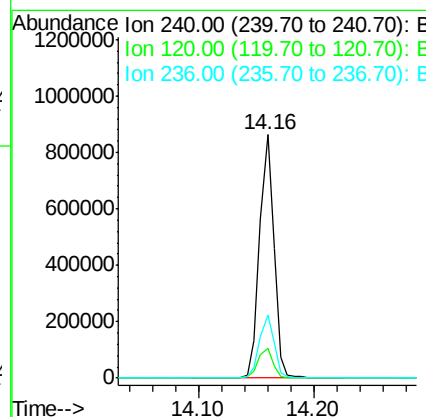
RT: 14.16 min Scan# 2010

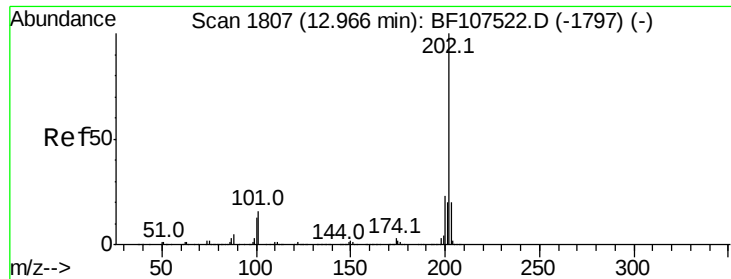
Delta R.T. -0.01 min

Lab File: BF107547.D

Acq: 21 Jul 2018 1:49

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.3	9.5	14.3
236	26.2	20.7	31.1





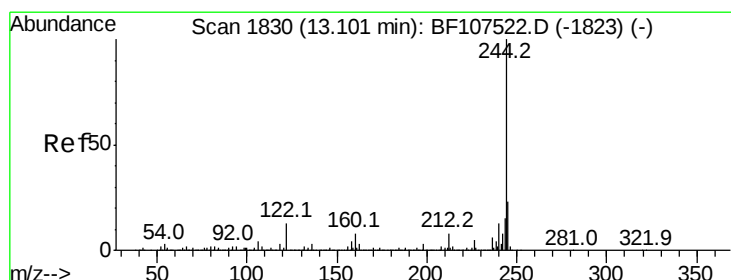
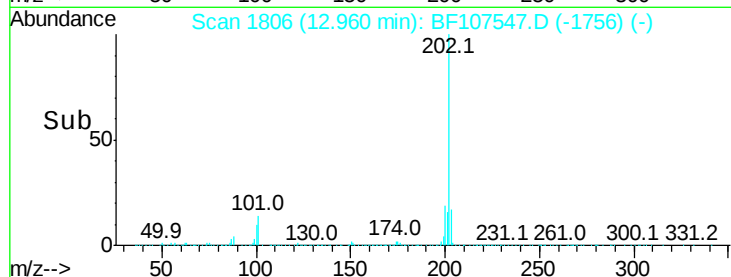
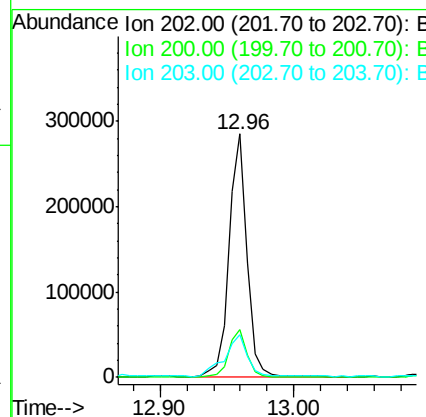
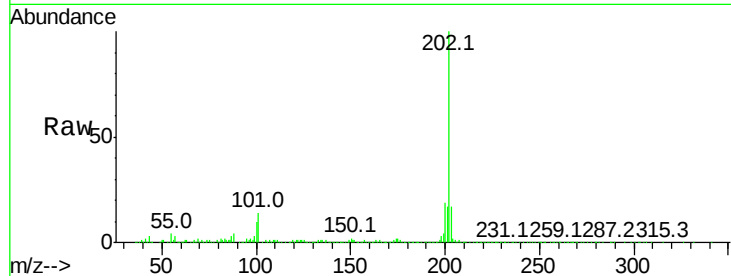
#77
Pvrene
Concen: 5.223 ng
RT: 12.96 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF107547.D
Acq: 21 Jul 2018 1:49

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.4	17.4	26.2
203	17.3	14.3	21.5

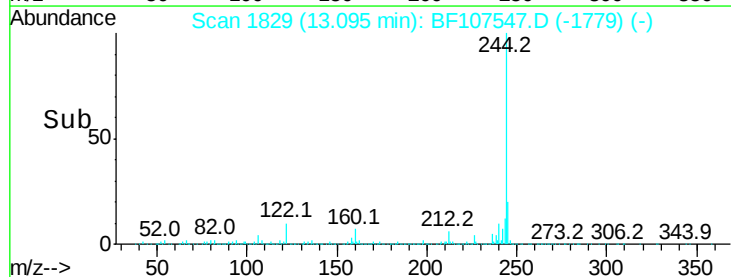
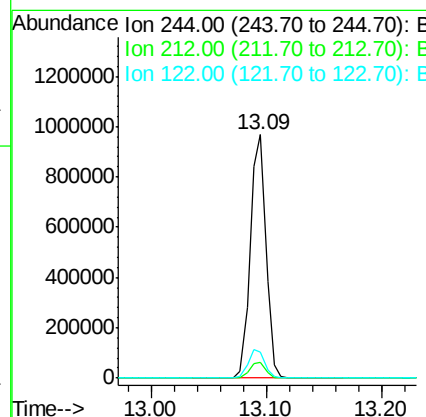
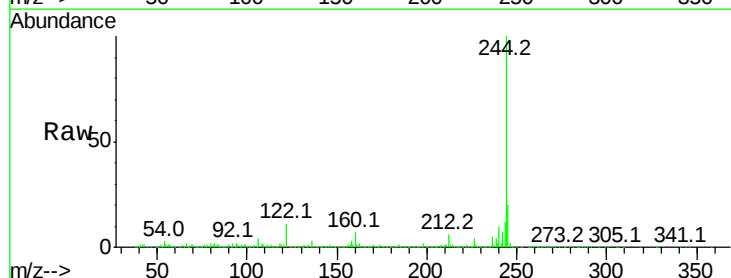
Manual Integrations
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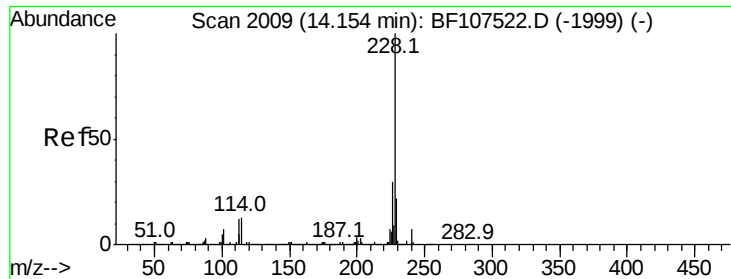
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#78
Terphenyl-d14
Concen: 30.956 ng
RT: 13.09 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF107547.D
Acq: 21 Jul 2018 1:49

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





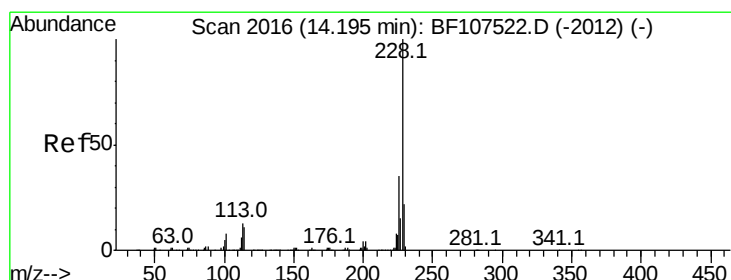
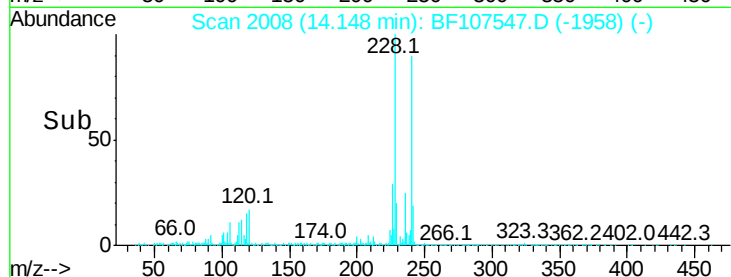
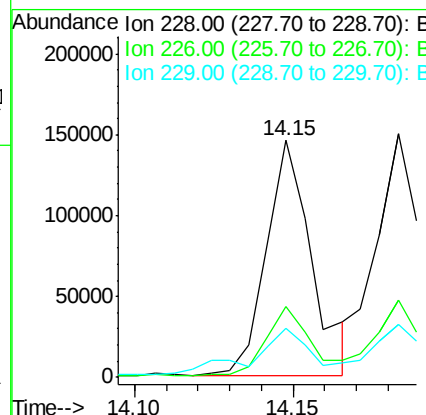
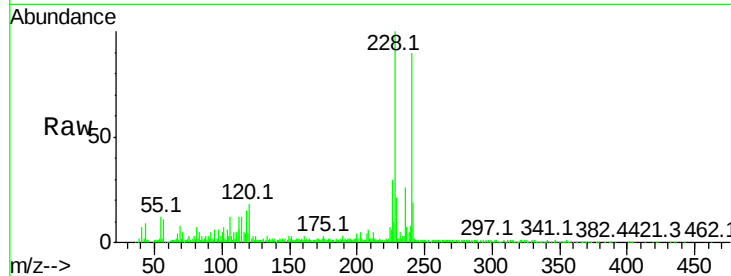
#80
Benzo(a)anthracene
Concen: 3.283 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107547.D
Acq: 21 Jul 2018 1:49

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	20.6	15.8	23.6

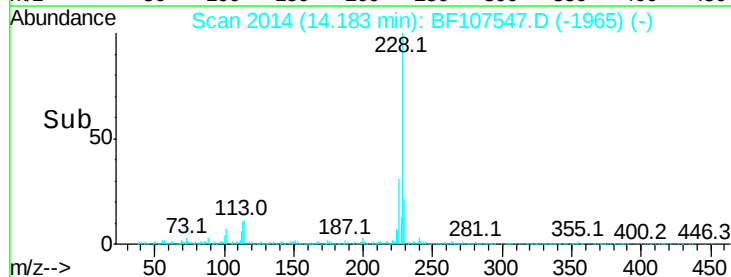
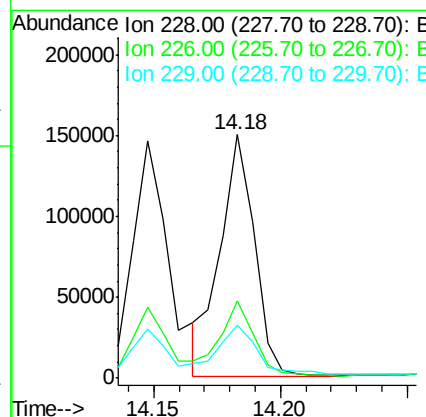
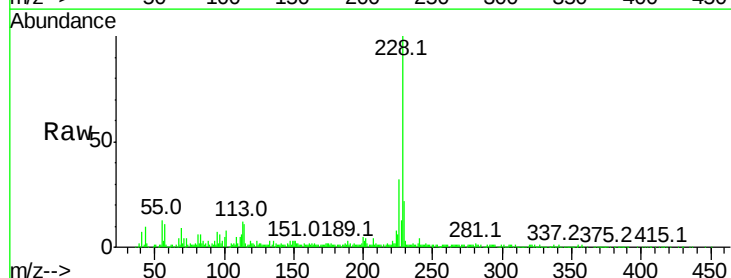
Manual Integrations
APPROVED

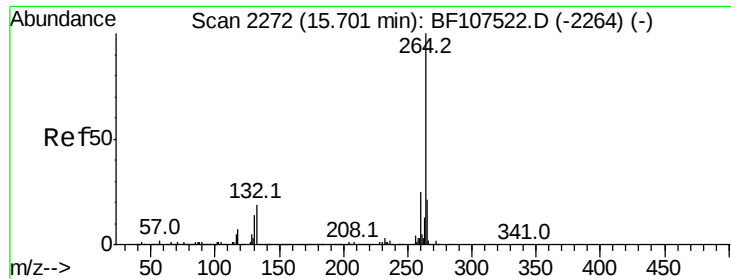
Sohil
7/23/2018 12:44:46 PM



#82
Chrysene
Concen: 3.332 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF107547.D
Acq: 21 Jul 2018 1:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	22.0	16.2	24.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF107547.D

Acq: 21 Jul 2018 1:49

Instrument :

BNA_F

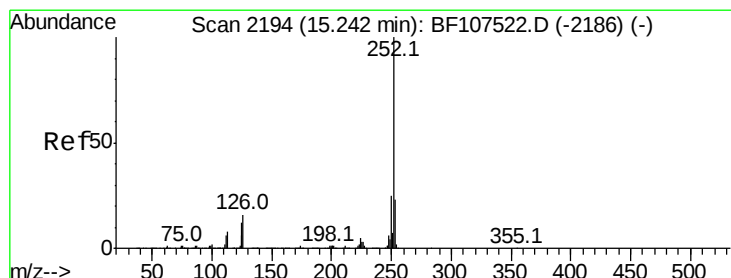
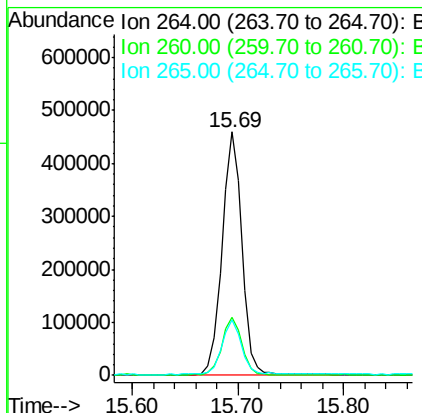
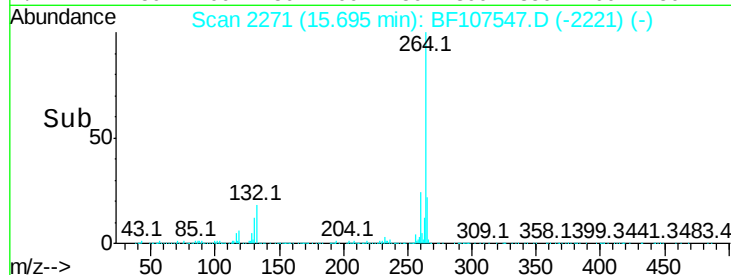
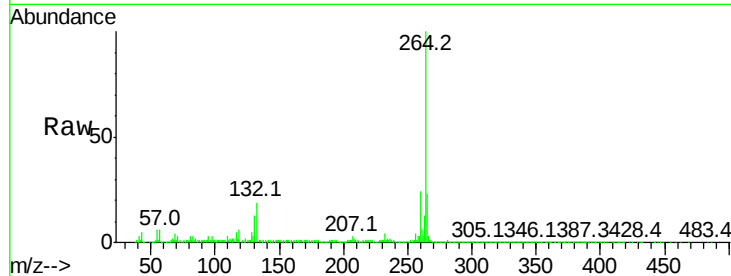
ClientSampleId :

TP-3

Tot Ion:	264	Resp:	598416
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	22.6	17.5	26.3

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 4.972 ng m

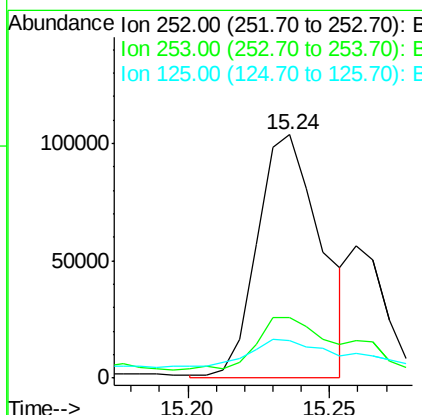
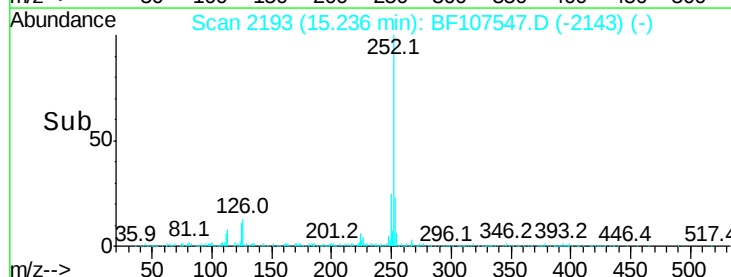
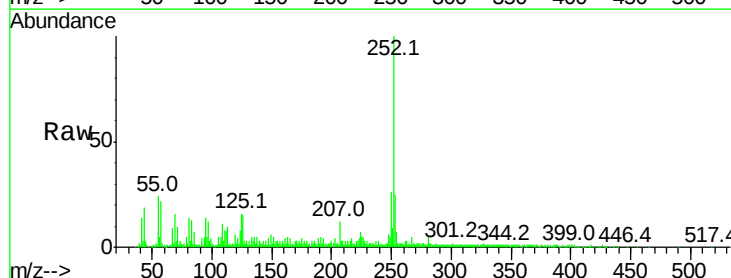
RT: 15.24 min Scan# 2193

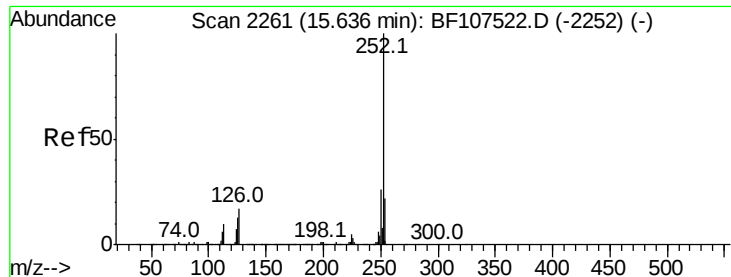
Delta R.T. -0.01 min

Lab File: BF107547.D

Acq: 21 Jul 2018 1:49

Tgt Ion:	252	Resp:	162829
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.0	25.6
125	15.6	9.0	13.6#





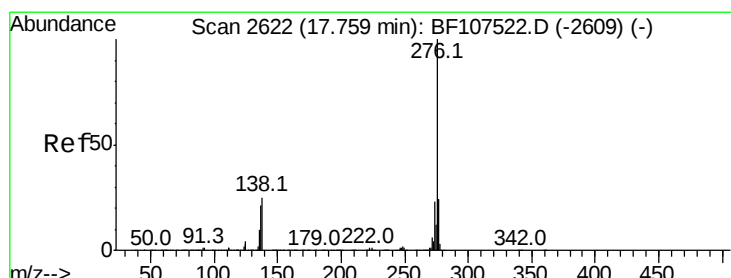
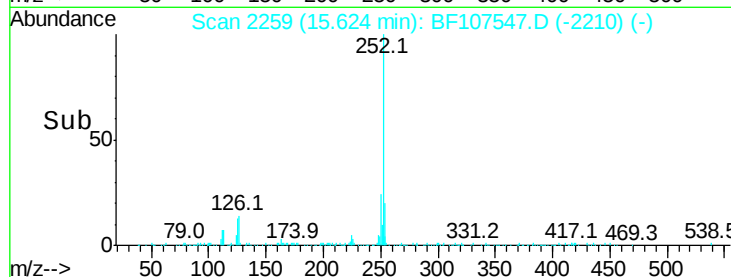
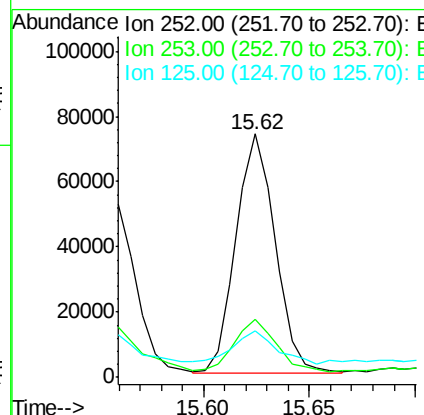
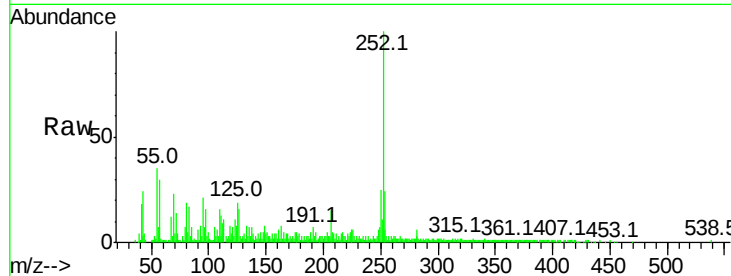
#89
Benzo(a)pyrene
Concen: 3.170 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF107547.D
Acq: 21 Jul 2018 1:49

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	18.9	9.8	14.6

Manual Integrations
APPROVED

Sohil
7/23/2018 12:44:46 PM



#91
Benzo(g,h,i)perylene
Concen: 2.215 ng
RT: 17.74 min Scan# 2619
Delta R.T. -0.02 min
Lab File: BF107547.D
Acq: 21 Jul 2018 1:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.9	17.9	26.9
138	28.6	21.8	32.8

