

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107668.D
 Acq On : 25 Jul 2018 20:17
 Operator : JU/SJ
 Sample : J4031-03 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PLANTER-DOC-3

Manual Integrations
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Quant Time: Jul 26 03:07:24 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	193600	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	738675	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	289614	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	506803	20.00	ng	0.00
75) Chrysene-d12	14.15	240	429741	20.00	ng	-0.01
86) Perylene-d12	15.69	264	372974	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	582305	48.36	ng	-0.01
7) Phenol-d6	6.60	99	731759	50.61	ng	-0.02
23) Nitrobenzene-d5	7.53	82	434590	39.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	168544	51.18	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	824667	41.57	ng	-0.01
78) Terphenyl-d14	13.09	244	686620	40.90	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.71	163	66766	3.059	ng	Qvalue 98
70) Phenanthrene	11.53	178	133821	5.419	ng	98
74) Fluoranthene	12.72	202	312719	11.800	ng	96
77) Pyrene	12.95	202	279483	9.508	ng	98
80) Benzo(a)anthracene	14.15	228	142787m	5.670	ng	
82) Chrysene	14.18	228	146968	6.075	ng	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	77715	3.790	ng	# 87
87) Benzo(b)fluoranthene	15.23	252	186042m	9.114	ng	
88) Benzo(k)fluoranthene	15.26	252	57279m	2.864	ng	
89) Benzo(a)pyrene	15.62	252	121371	6.500	ng	# 95
91) Benzo(g,h,i)perylene	17.75	276	72766	4.570	ng	# 92

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

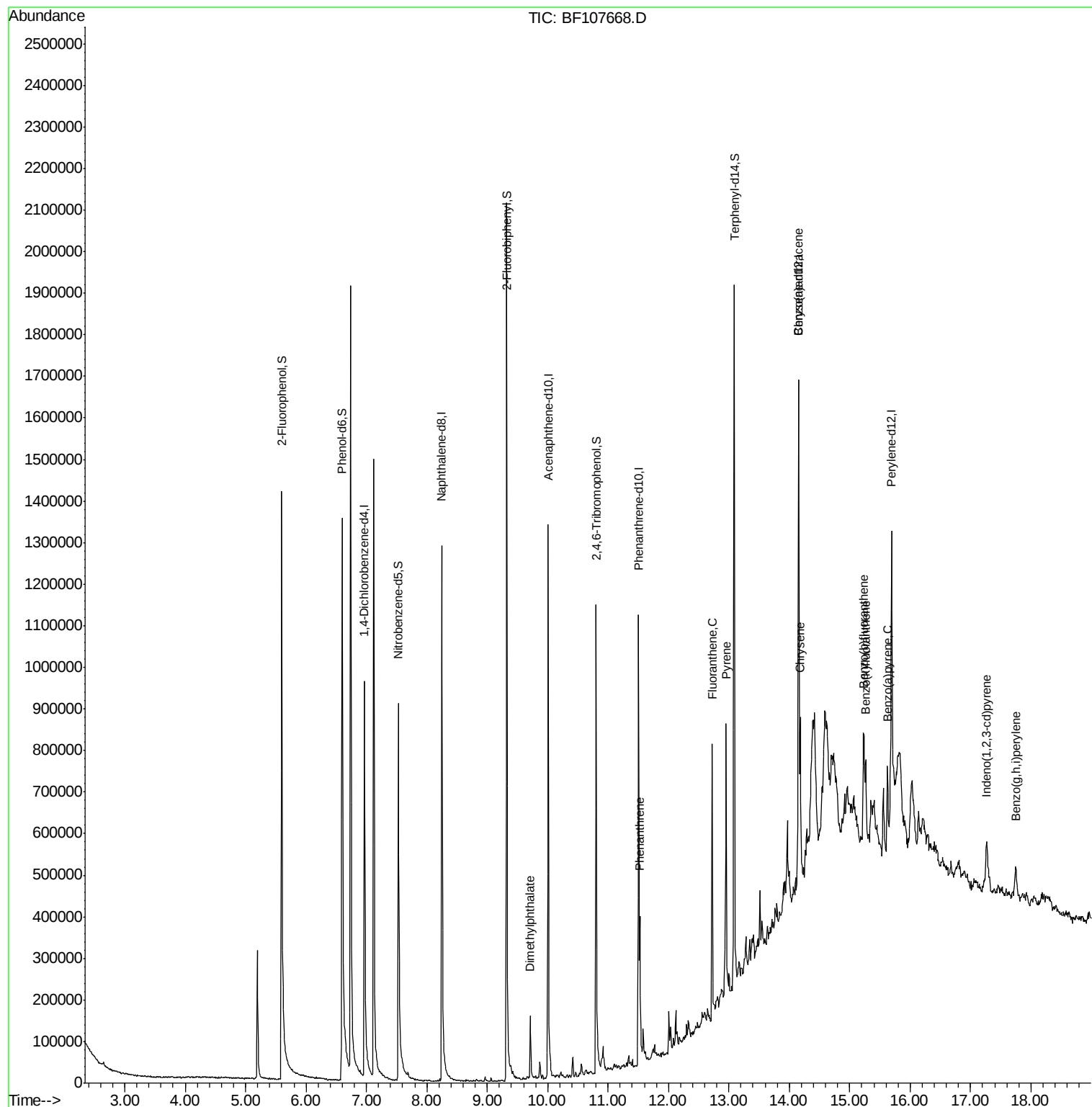
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107668.D
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ALS Vial : 21 Sample Multiplier: 1

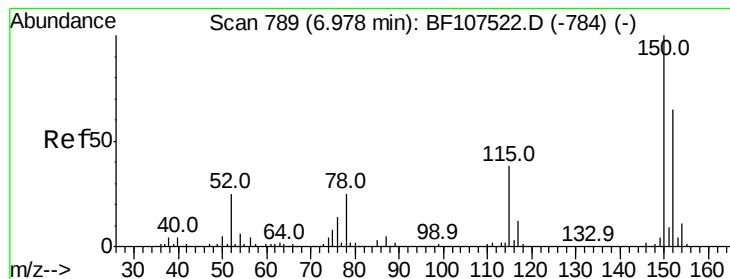
Instrument :
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PLANTER-DOC-3

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
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#1

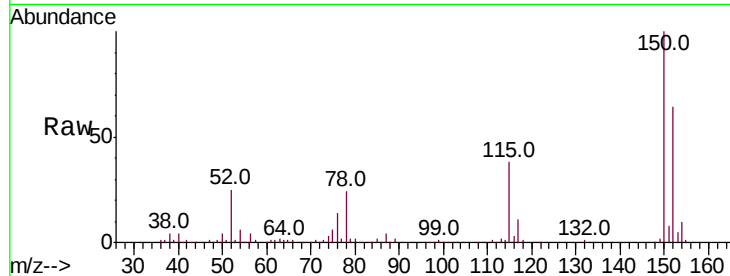
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Instrument :
BNA_F
ClientSampleId :
PLANTER-DOC-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	60.3	50.1	75.1

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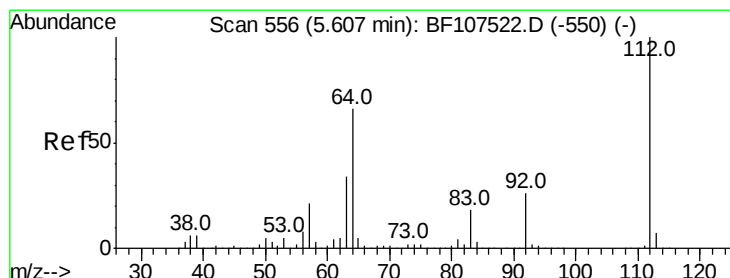
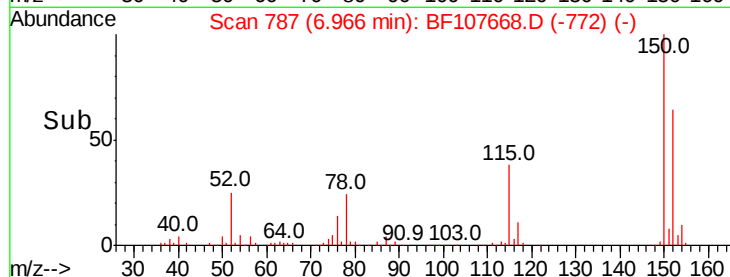
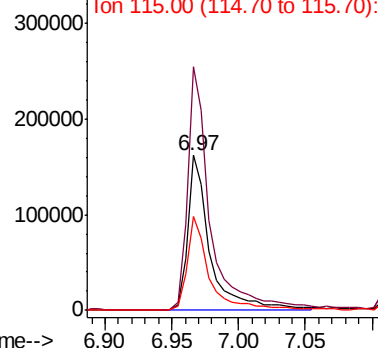


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

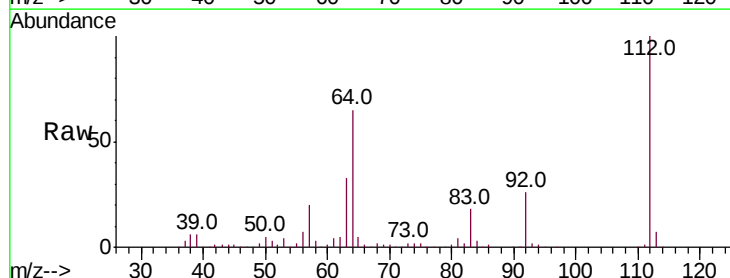
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 48.359 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	47.9	71.9
63	32.7	23.7	35.5

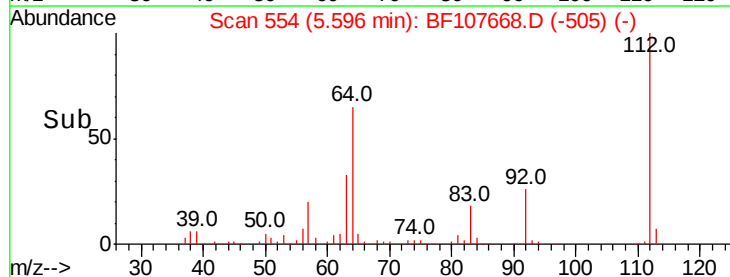
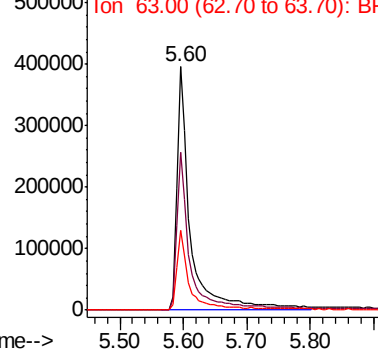


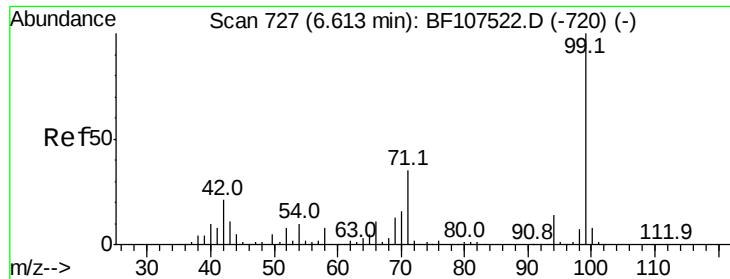
Abundance

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: 50.611 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107668.D

Acq: 25 Jul 2018 20:17

Instrument :

BNA_F

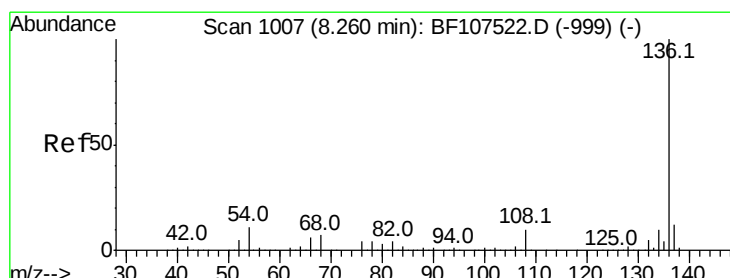
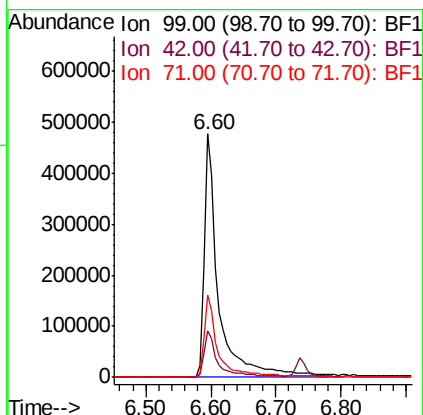
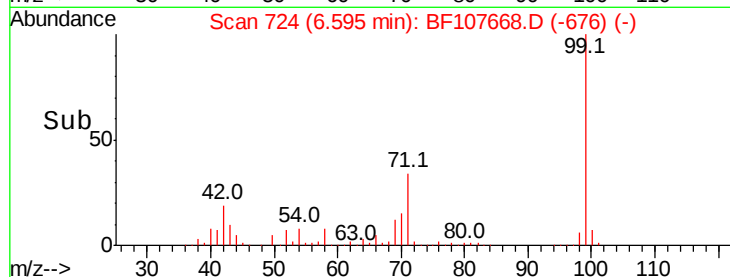
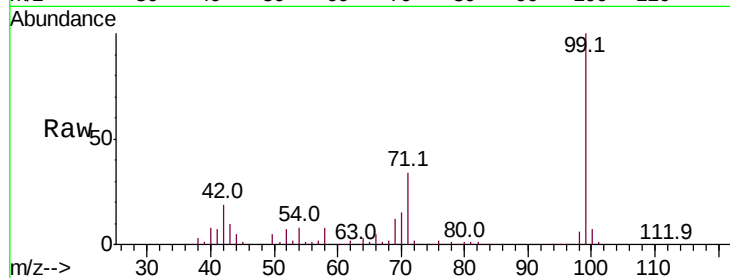
ClientSampleId :

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Tot Ion:	99	Resp:	731759
Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	33.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

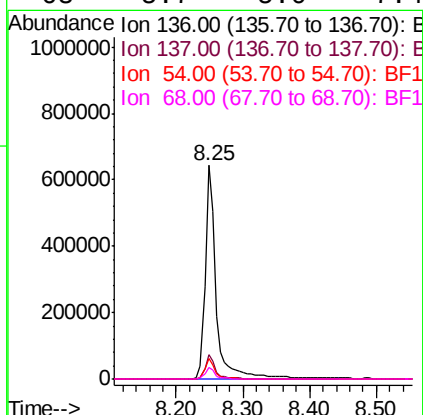
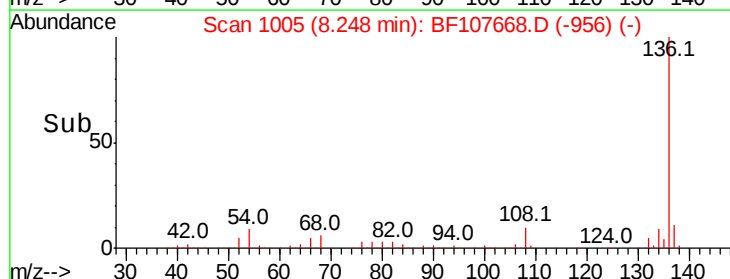
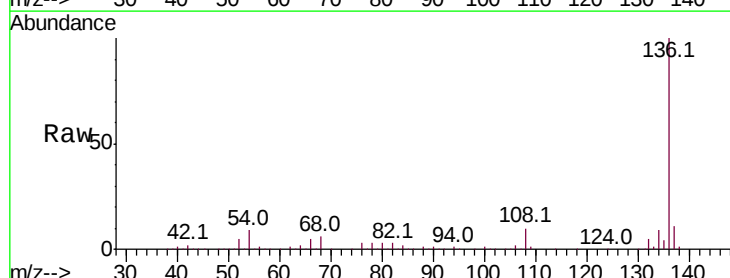
RT: 8.25 min Scan# 1005

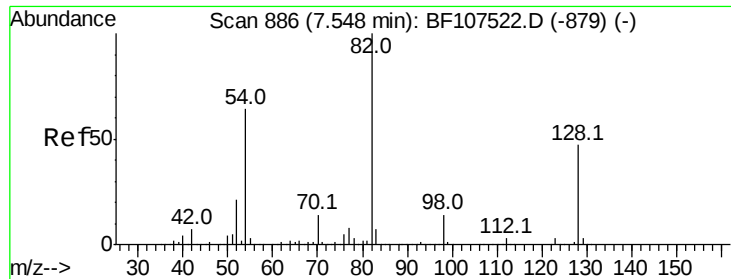
Delta R.T. -0.01 min

Lab File: BF107668.D

Acq: 25 Jul 2018 20:17

Tgt Ion:	136	Resp:	738675
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.3	6.6	9.8
68	5.7	5.0	7.4





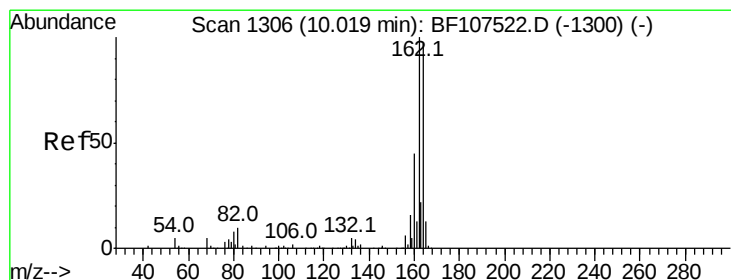
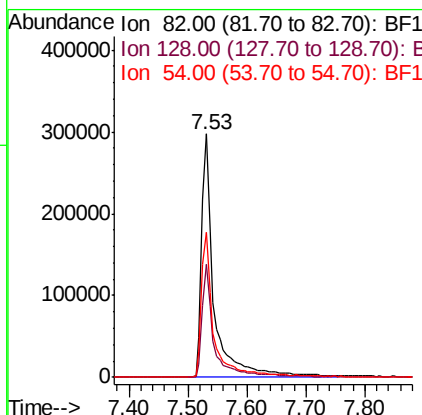
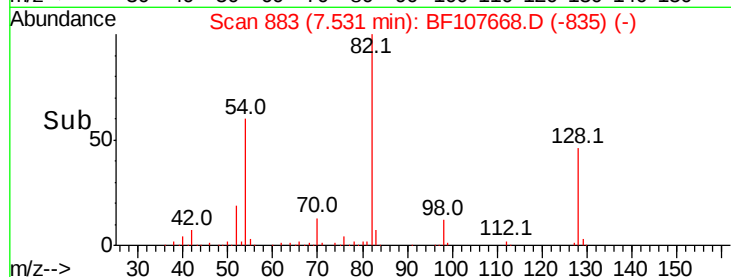
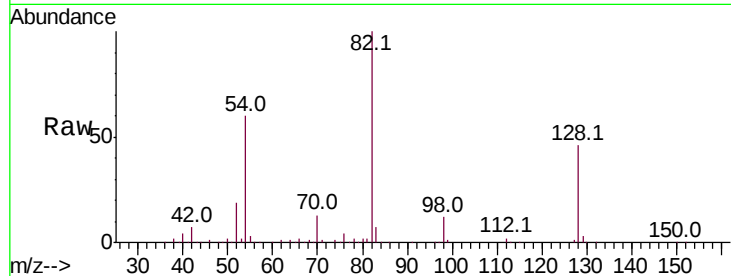
#23
Nitrobenzene-d5
Concen: 39.705 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Instrument :
BNA_F
ClientSampleId :
PLANTER-DOC-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	59.8	41.4	62.2

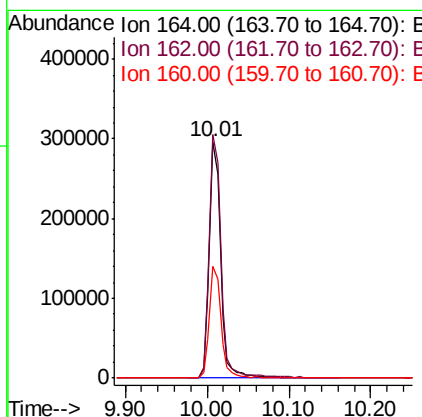
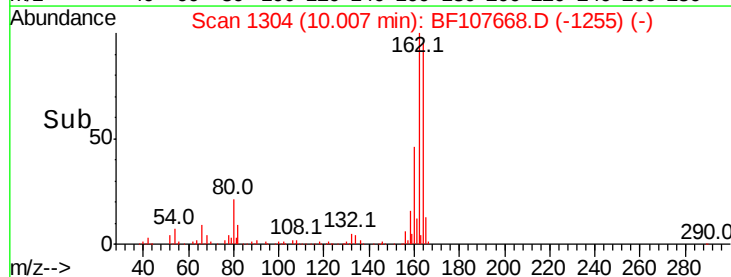
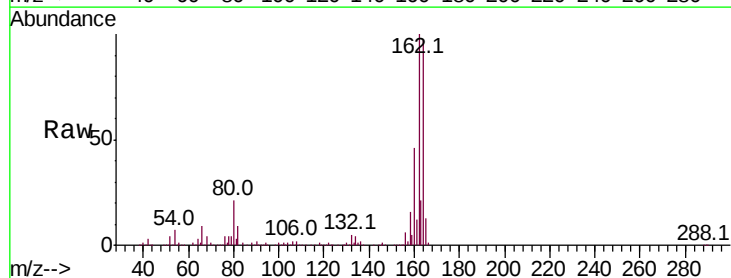
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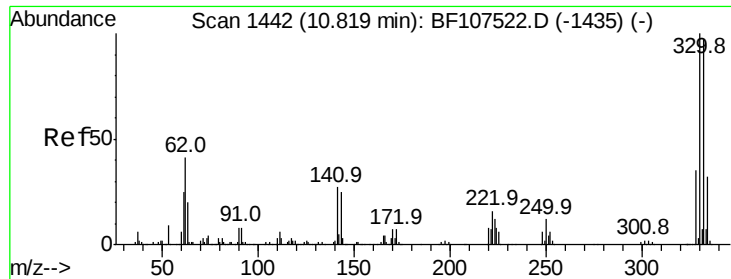
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	47.2	38.3	57.5





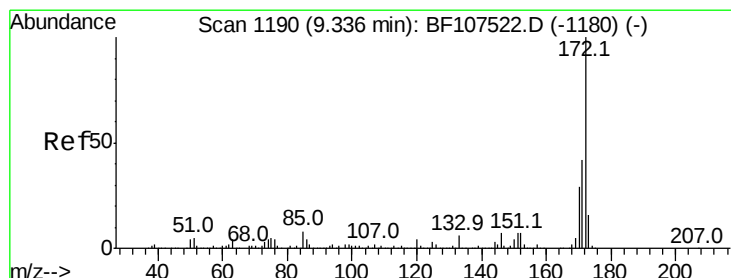
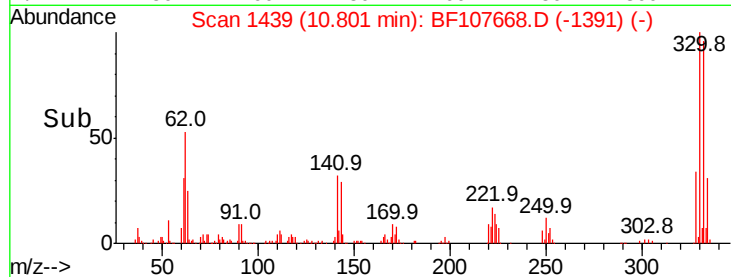
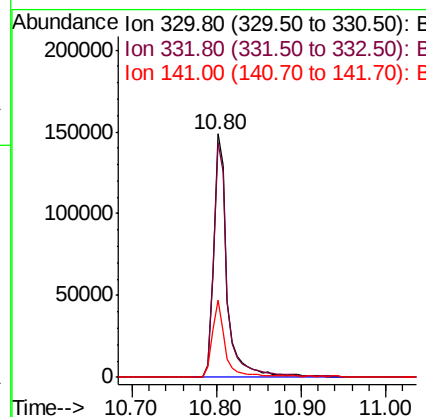
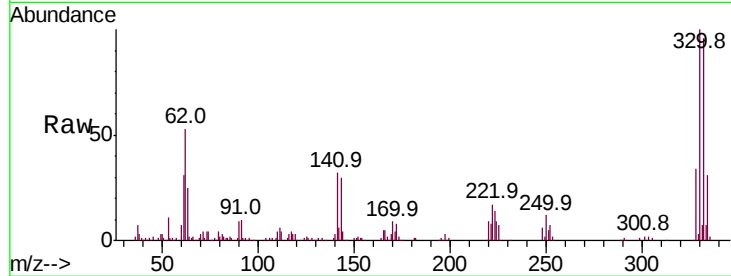
#41
 2,4,6-Tribromophenol
 Concen: 51.177 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107668.D
 Acq: 25 Jul 2018 20:17

Instrument :
 BNA_F
 ClientSampleId :
 PLANTER-DOC-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	30.0	29.9	44.9

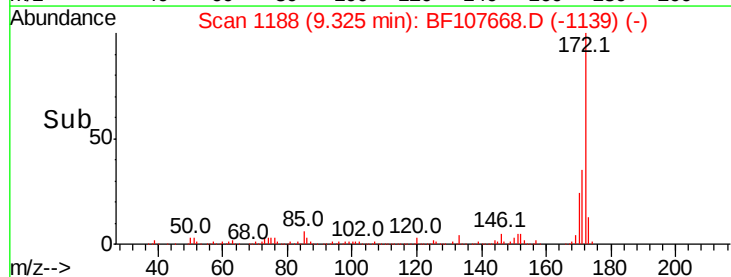
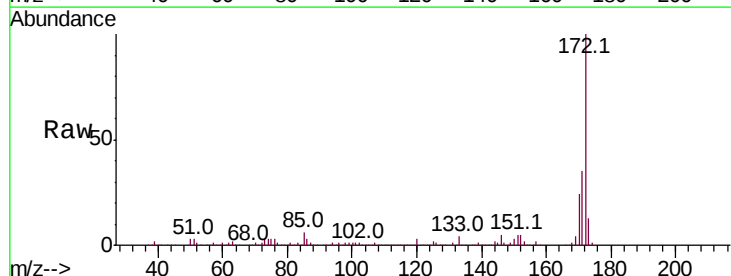
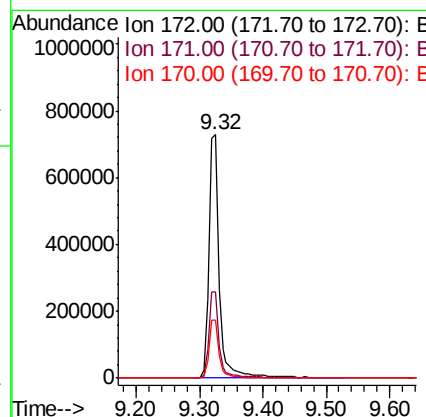
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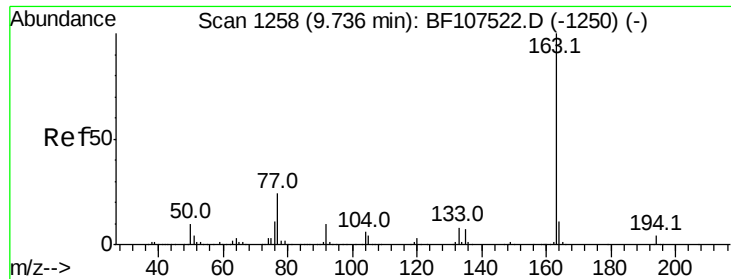
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#44
 2-Fluorobiphenyl
 Concen: 41.568 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107668.D
 Acq: 25 Jul 2018 20:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.7	19.6	29.4





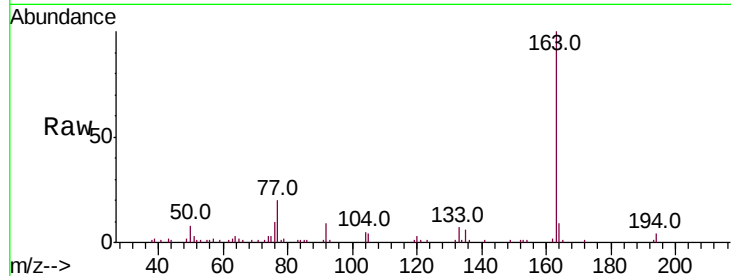
#49
Dimethylphthalate
Concen: 3.059 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Instrument :
BNA_F
ClientSampleId :
PLANTER-DOC-3

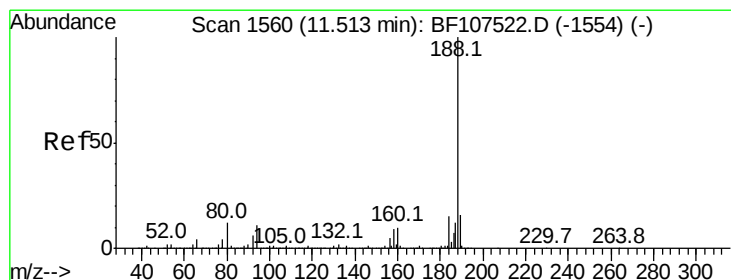
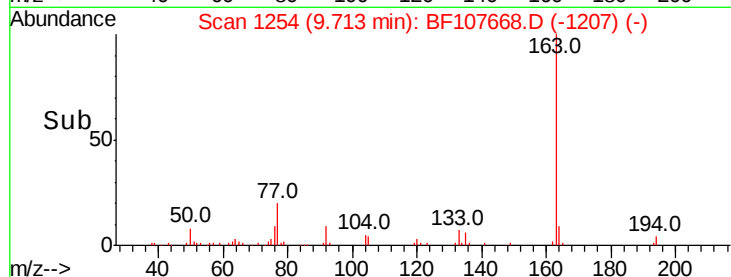
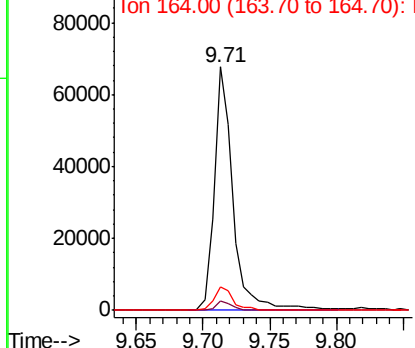
Tot Ion	Ratio	Resp	Lower	Upper
163	100	66766		
194	3.9		2.7	4.1
164	9.5		8.2	12.2

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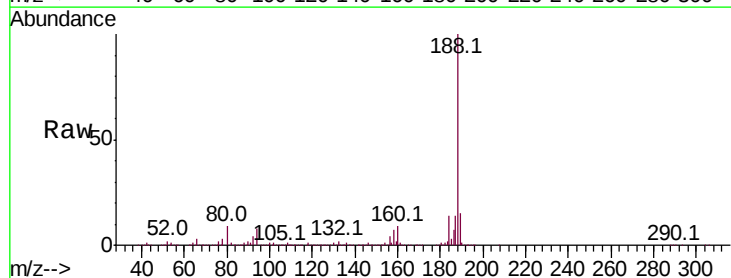


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

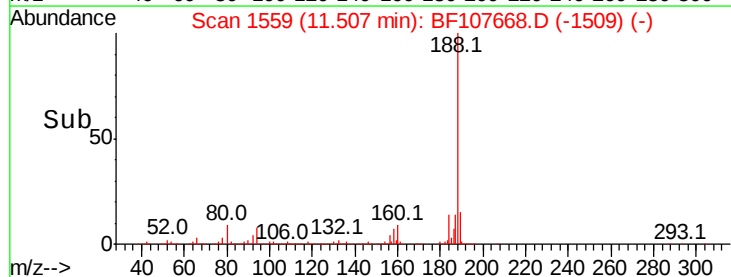
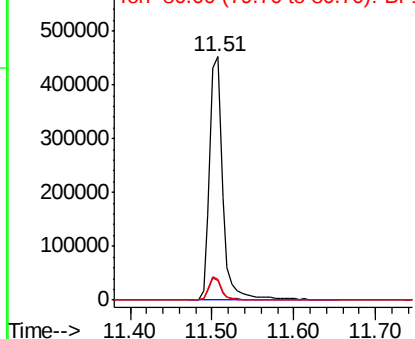


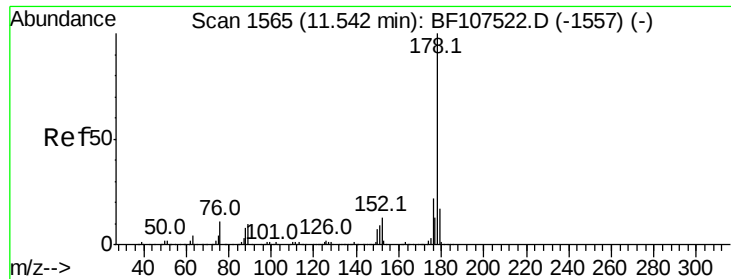
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	506803		
94	8.1		8.5	12.7#
80	8.6		9.2	13.8#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





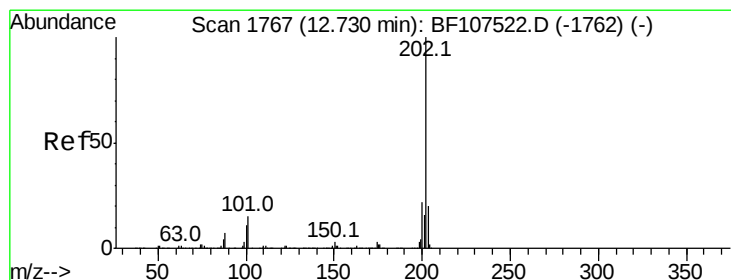
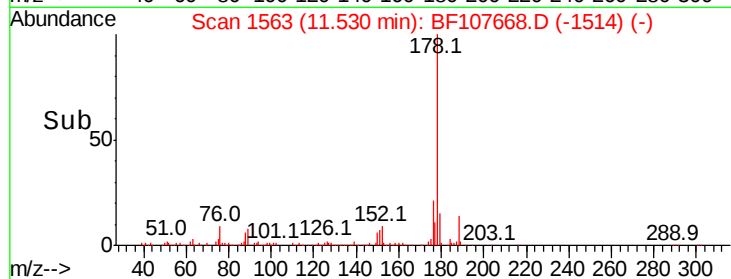
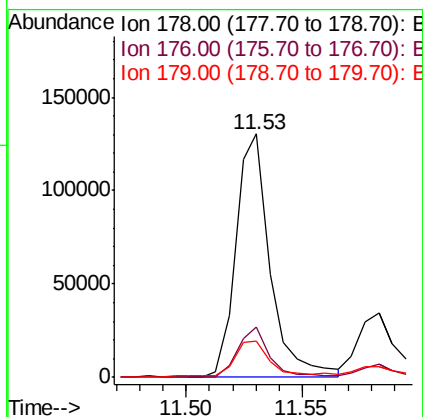
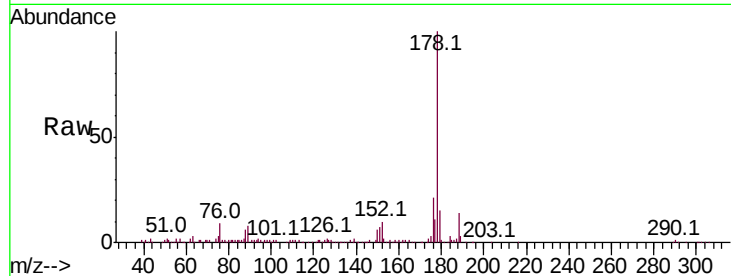
#70
Phenanthrene
Concen: 5.419 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Instrument :
BNA_F
ClientSampleId :
PLANTER-DOC-3

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.8
179	15.1	13.0	19.6

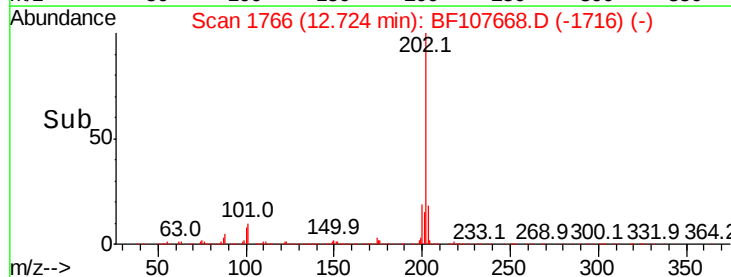
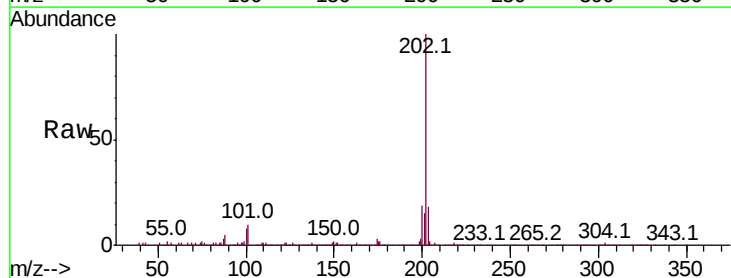
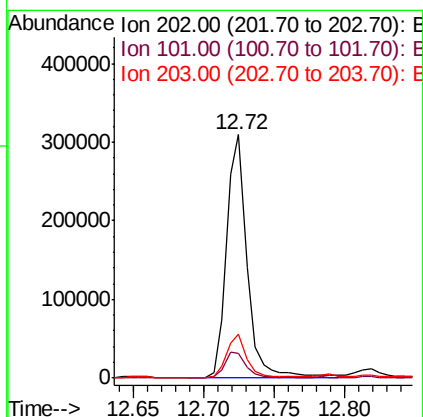
Manual Integrations
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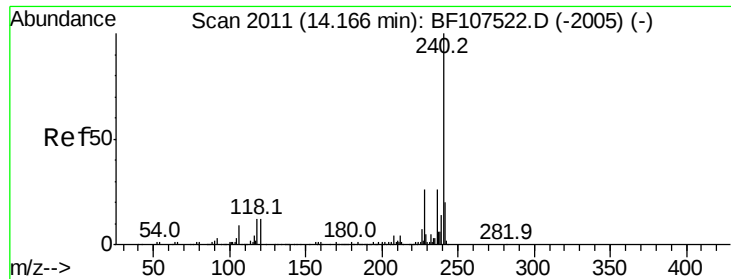
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#74
Fluoranthene
Concen: 11.800 ng
RT: 12.72 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	34.1
203	18.0	0.0	38.1





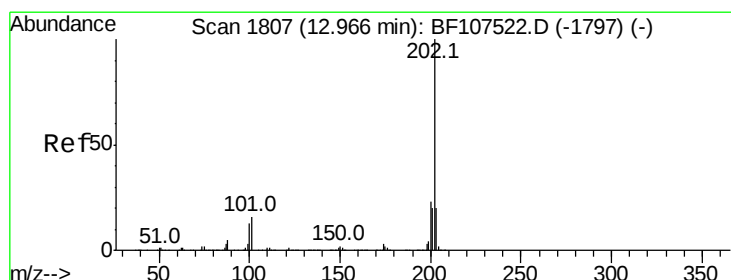
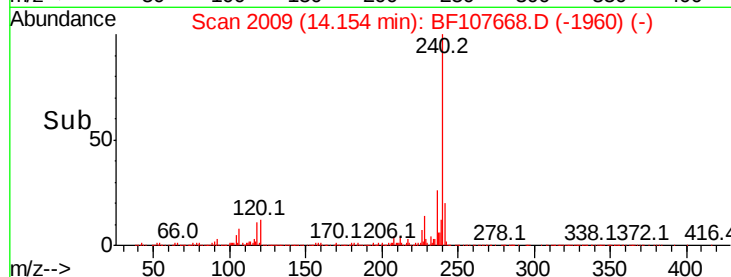
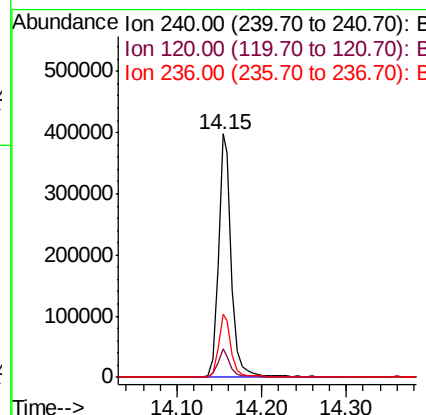
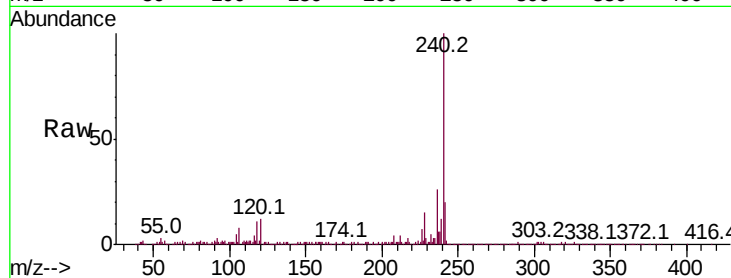
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Instrument :
BNA_F
ClientSampleId :
PLANTER-DOC-3

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	26.0	20.7	31.1

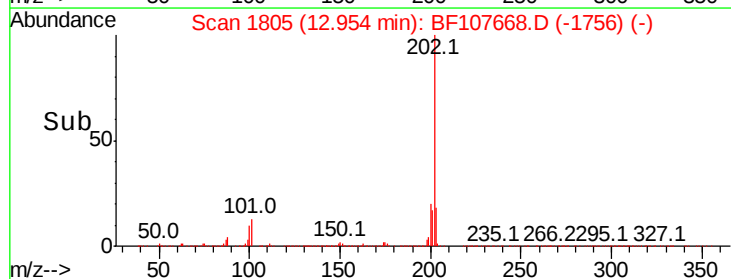
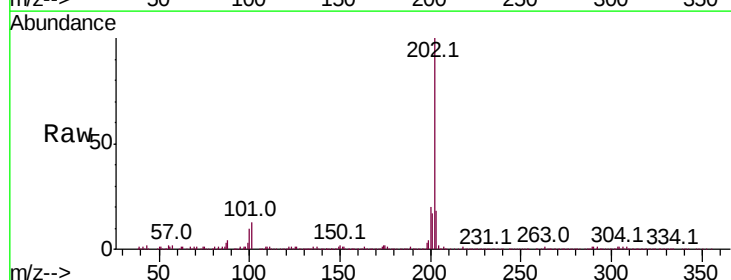
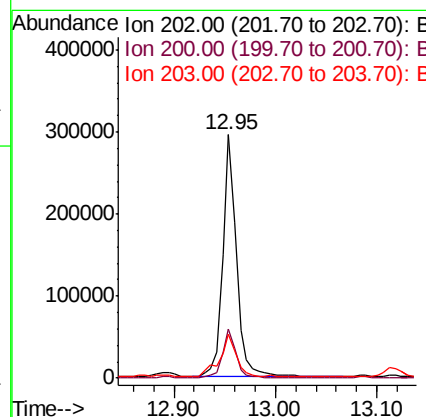
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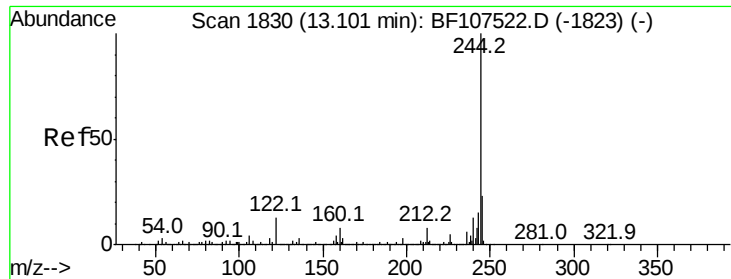
Sohil
7/26/2018 2:01:54 PM



#77
Pyrene
Concen: 9.508 ng
RT: 12.95 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

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





#78

Terphenyl-d14

Concen: 40.904 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107668.D

Acq: 25 Jul 2018 20:17

Instrument :

BNA_F

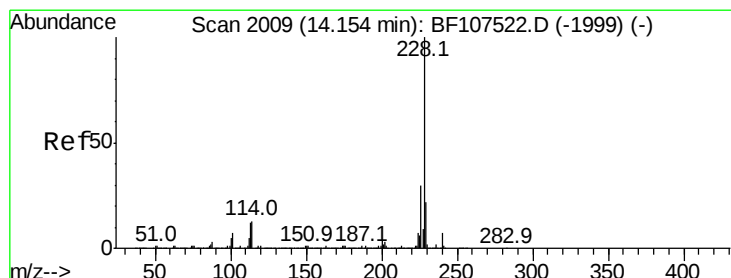
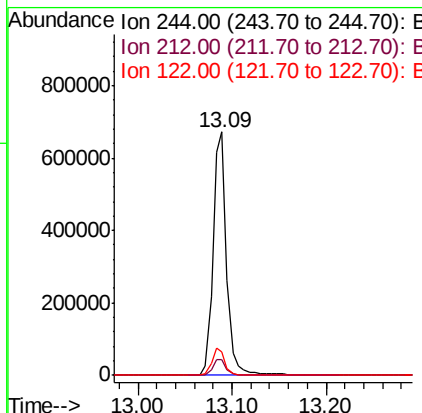
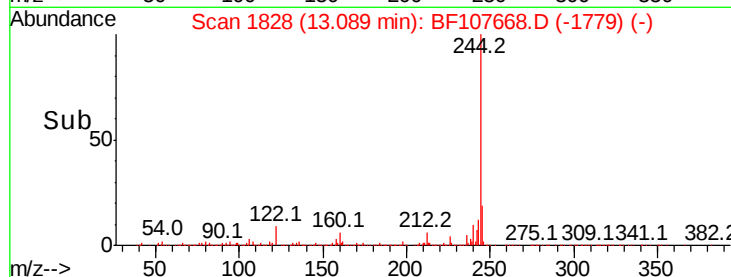
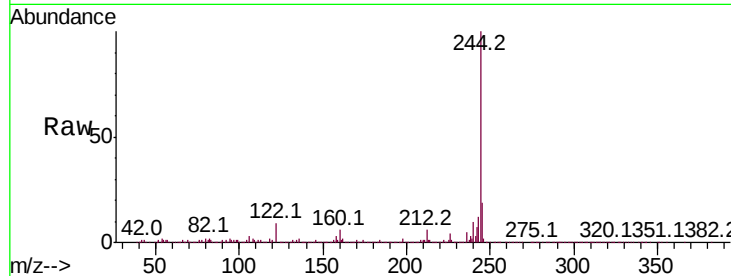
ClientSampleId :

PLANTER-DOC-3

Tot Ion:	244	Resp:	686620
Ion Ratio	Lower	Upper	
244	100		
212	6.2	5.4	8.0
122	9.4	11.0	16.4#

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#80

Benzo(a)anthracene

Concen: 5.670 ng m

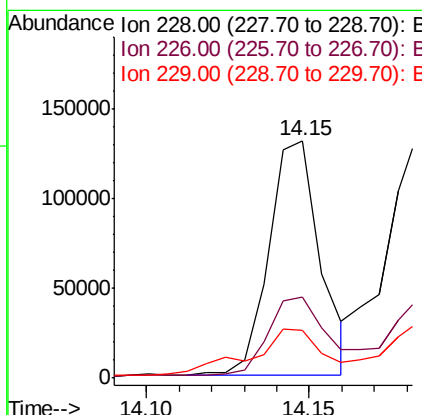
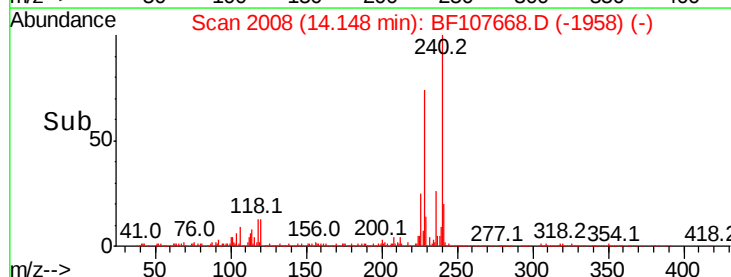
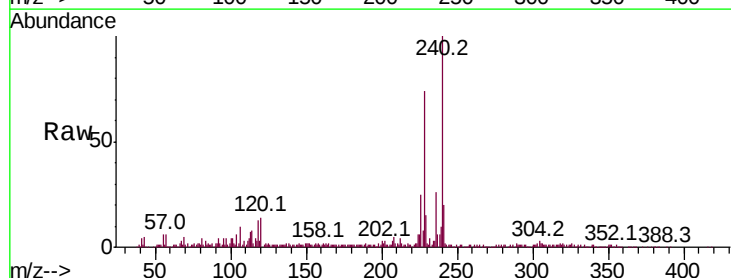
RT: 14.15 min Scan# 2008

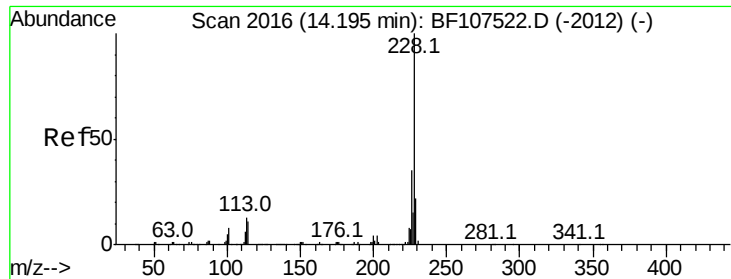
Delta R.T. -0.01 min

Lab File: BF107668.D

Acq: 25 Jul 2018 20:17

Tgt Ion:	228	Resp:	142787
Ion Ratio	Lower	Upper	
228	100		
226	34.0	22.6	33.8#
229	20.4	15.8	23.6





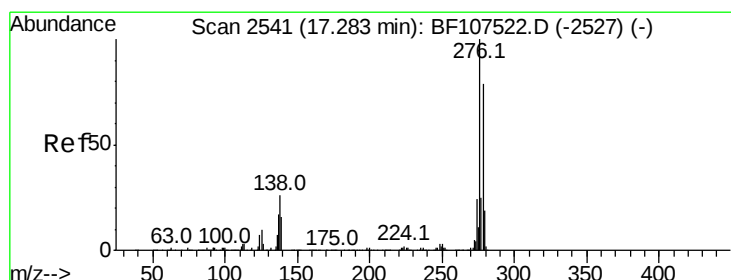
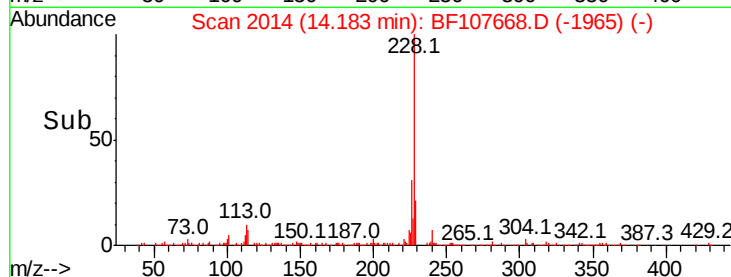
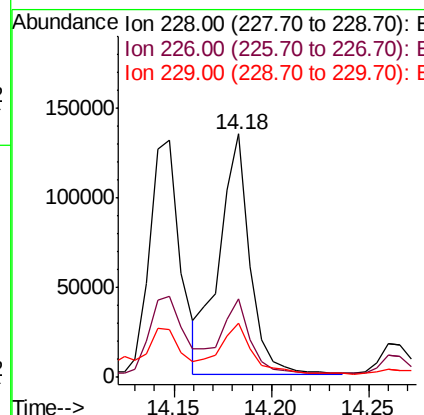
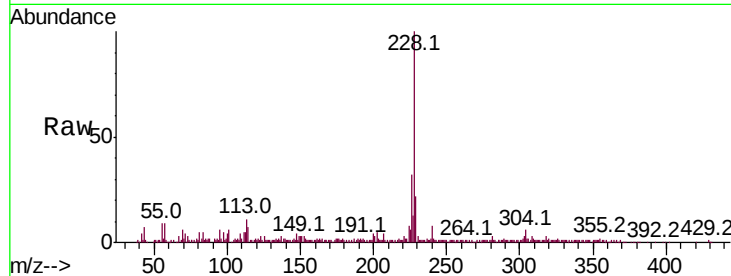
#82
Chrysene
Concen: 6.075 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Instrument :
BNA_F
ClientSampleId :
PLANTER-DOC-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.0	37.6
229	22.3	16.2	24.4

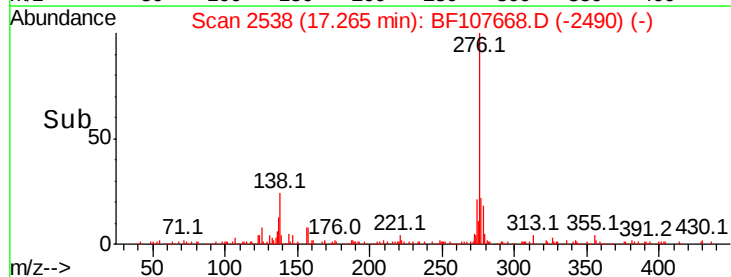
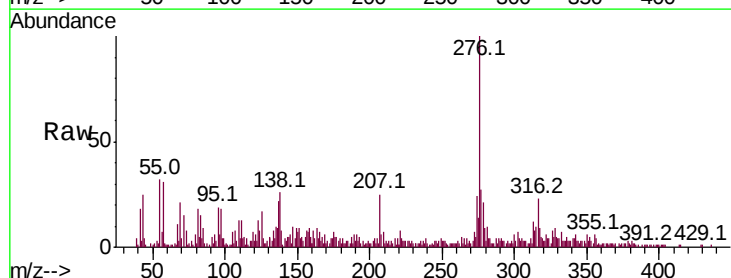
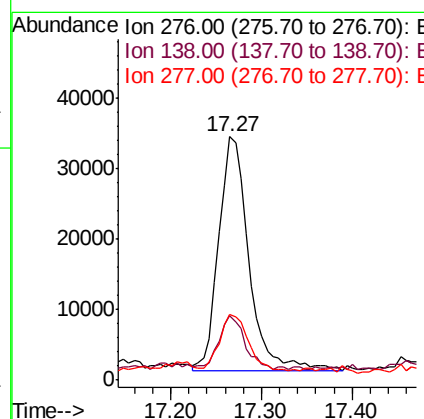
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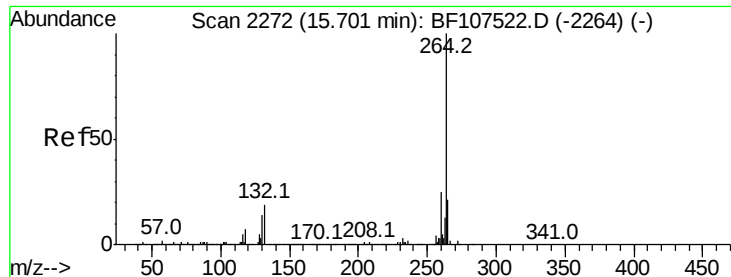
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.790 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.3	25.0	37.6#
277	23.1	20.1	30.1





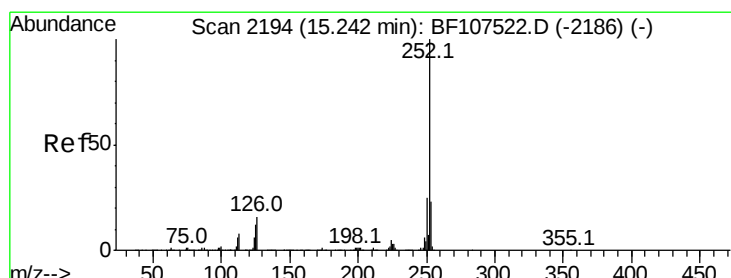
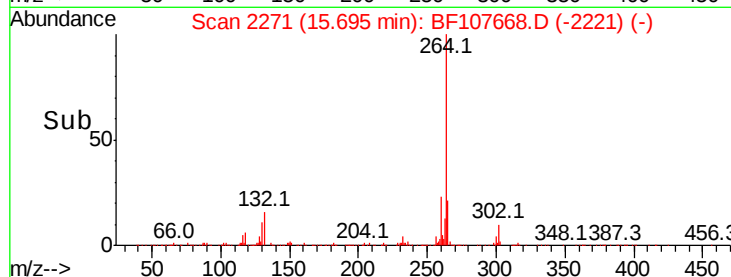
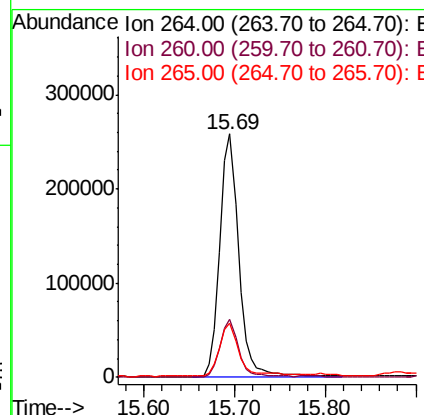
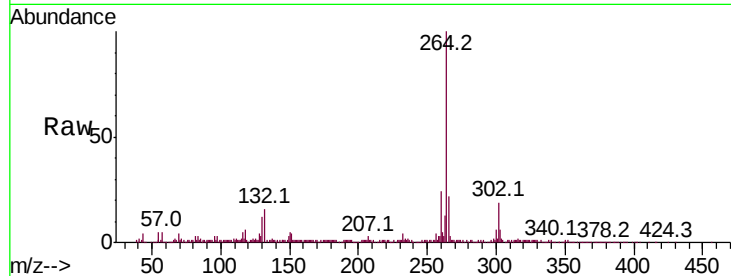
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Instrument :
BNA_F
ClientSampleId :
PLANTER-DOC-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.0	17.5	26.3

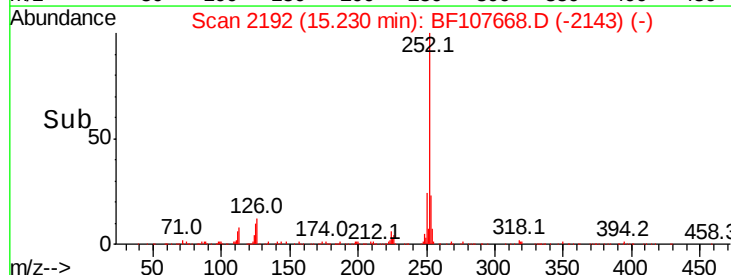
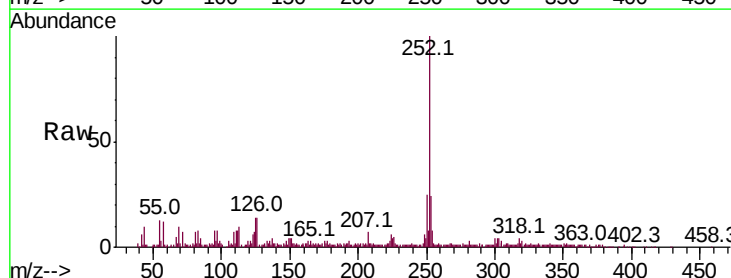
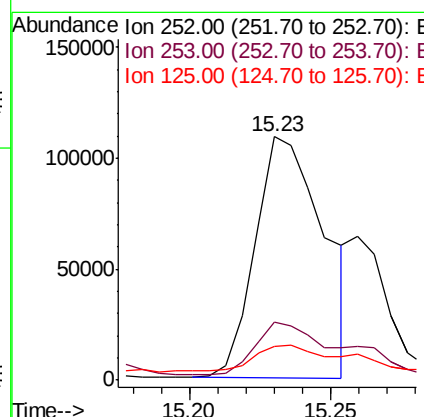
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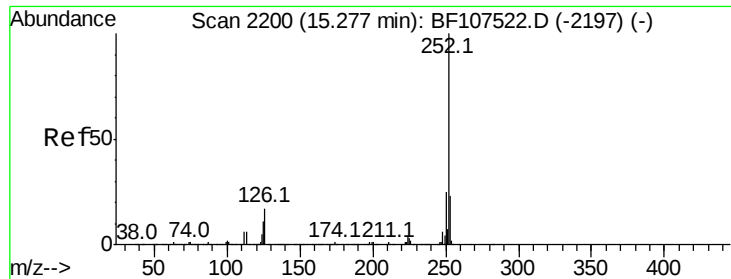
Sohil
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#87
Benzo(b)fluoranthene
Concen: 9.114 ng m
RT: 15.23 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	14.0	9.0	13.6





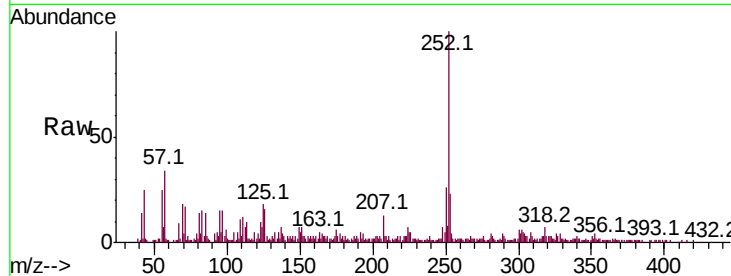
#88
Benzo(k)fluoranthene
Concen: 2.864 ng m
RT: 15.26 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Instrument :
BNA_F
ClientSampleId :
PLANTER-DOC-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	18.1	10.2	15.2

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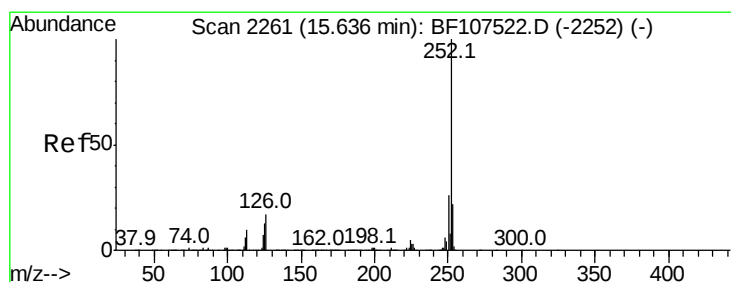
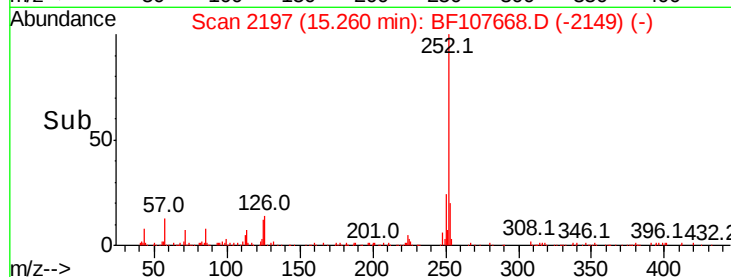
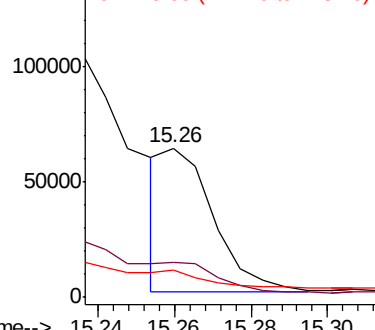


Abundance

Ion 252.00 (251.70 to 252.70): E

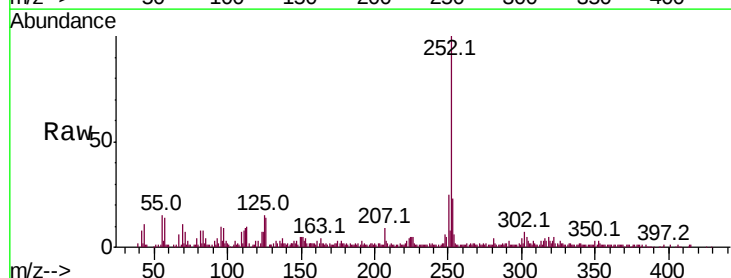
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 6.500 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF107668.D
Acq: 25 Jul 2018 20:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	15.0	9.8	14.6

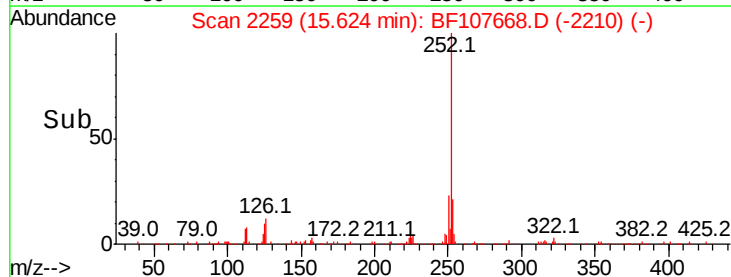
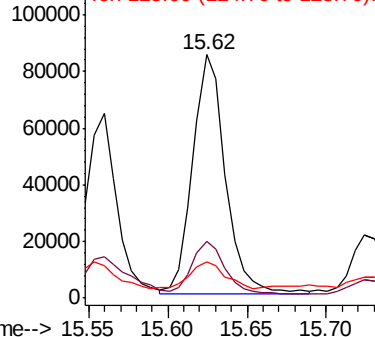


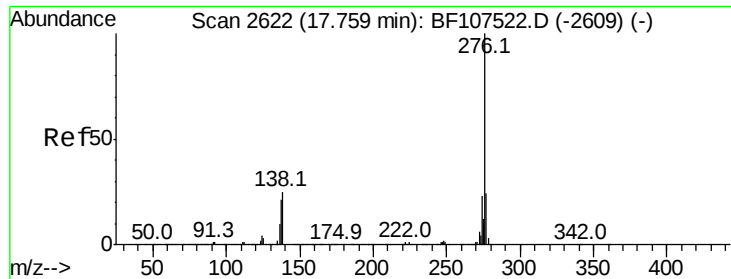
Abundance

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(a,h,i)perylene
 Concen: 4.570 ng
 RT: 17.75 min Scan# 2620
 Delta R.T. -0.01 min
 Lab File: BF107668.D
 Acq: 25 Jul 2018 20:17

Instrument :
 BNA_F
 ClientSampleId :
 PLANTER-DOC-3

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.2	17.9	26.9#
138	25.2	21.8	32.8

Manual Integrations
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