

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107671.D
 Acq On : 25 Jul 2018 21:38
 Operator : JU/SJ
 Sample : J4031-06 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PLANTER-DOC-6

Manual Integrations
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 7/26/2018 2:02:03 PM

Quant Time: Jul 26 03:17:37 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	216727	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	830238	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	312042	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	525889	20.00	ng	0.00
75) Chrysene-d12	14.16	240	443498	20.00	ng	0.00
86) Perylene-d12	15.69	264	387521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	572056	42.44	ng	-0.01
7) Phenol-d6	6.60	99	695949	43.00	ng	-0.02
23) Nitrobenzene-d5	7.53	82	401499	32.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	150358	42.37	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	725067	32.27	ng	-0.02
78) Terphenyl-d14	13.09	244	544608	31.44	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.71	163	48103	2.045	ng	Qvalue # 99
70) Phenanthrene	11.53	178	502729	19.617	ng	99
71) Anthracene	11.58	178	182276	7.064	ng	98
72) Carbazole	11.74	167	65561	2.443	ng	97
74) Fluoranthene	12.72	202	1125683	40.935	ng	97
77) Pyrene	12.96	202	1052918	34.709	ng	98
80) Benzo(a)anthracene	14.15	228	600211	23.094	ng	96
82) Chrysene	14.18	228	537683	21.537	ng	98
85) Indeno(1,2,3-cd)pyrene	17.28	276	233239	11.023	ng	# 88
87) Benzo(b)fluoranthene	15.24	252	702577m	33.127	ng	
88) Benzo(k)fluoranthene	15.27	252	187072m	9.003	ng	
89) Benzo(a)pyrene	15.63	252	422295	21.768	ng	96
90) Dibenzo(a,h)anthracene	17.28	278	56419	3.364	ng	# 85
91) Benzo(g,h,i)perylene	17.76	276	223890	13.535	ng	92

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

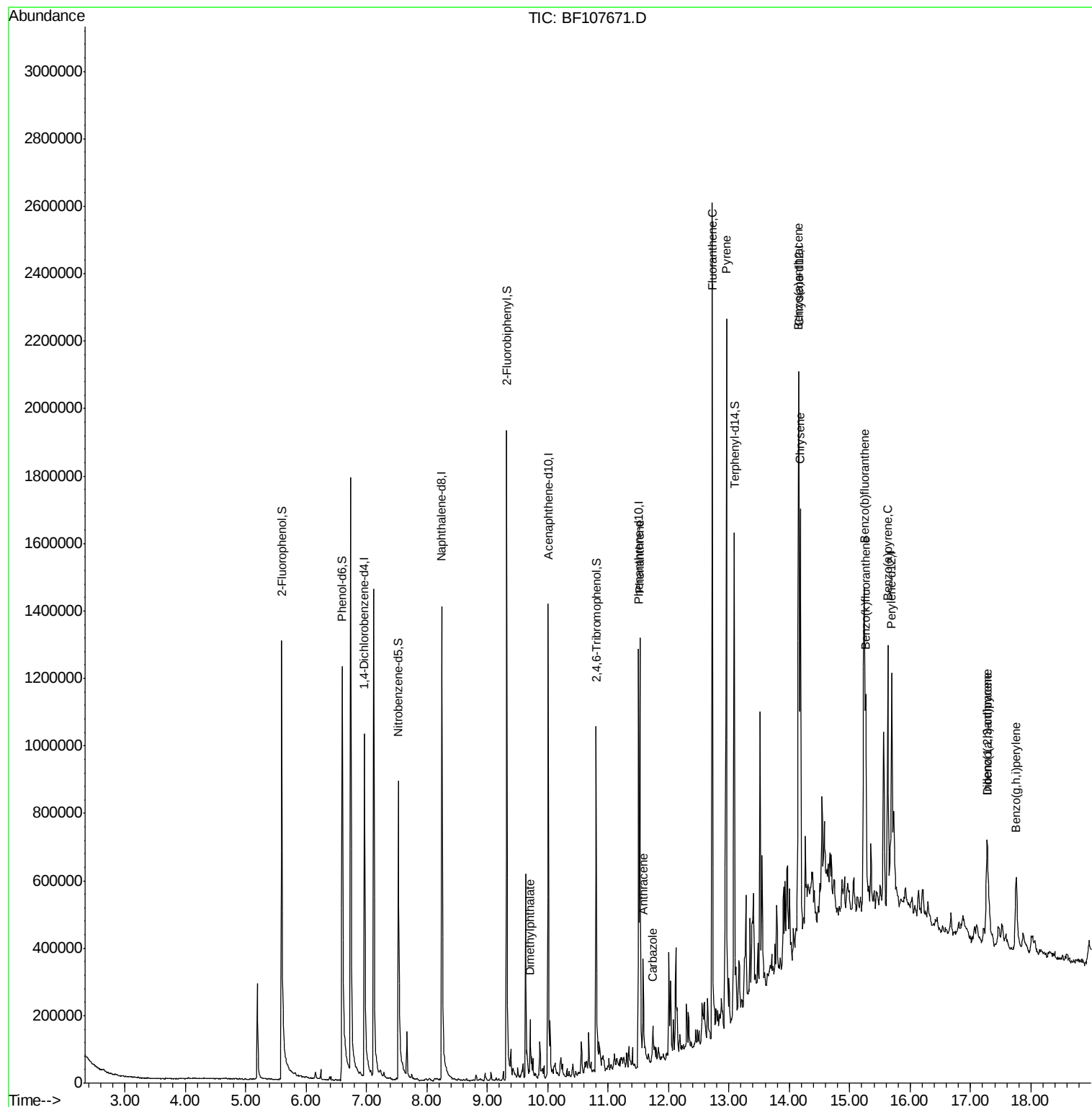
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
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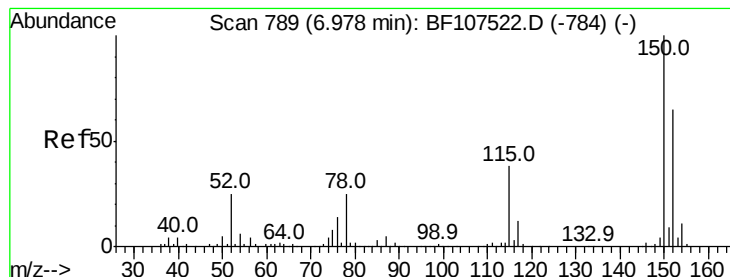
Instrument :
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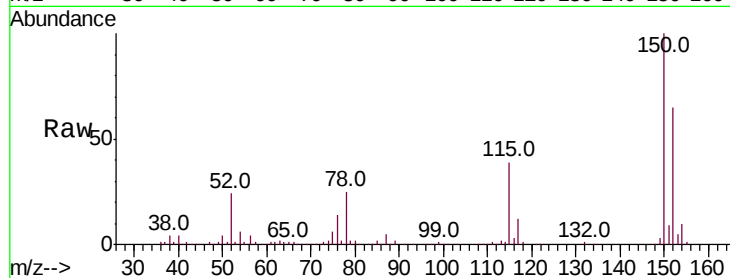
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107671.D
 Acq: 25 Jul 2018 21:38

Instrument :
 BNA_F
 ClientSampleId :
 PLANTER-DOC-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	60.6	50.1	75.1

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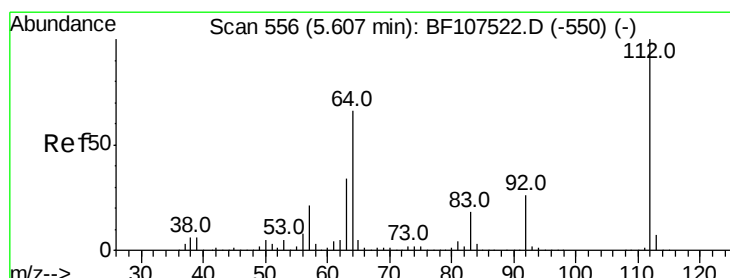
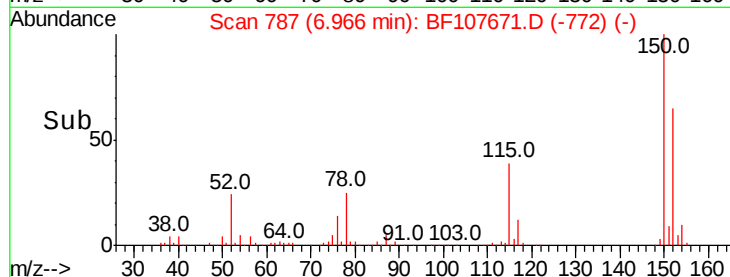
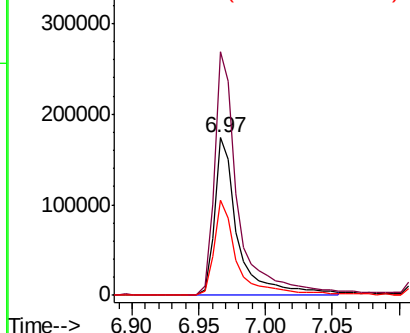


Abundance

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: 42.438 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107671.D
 Acq: 25 Jul 2018 21:38

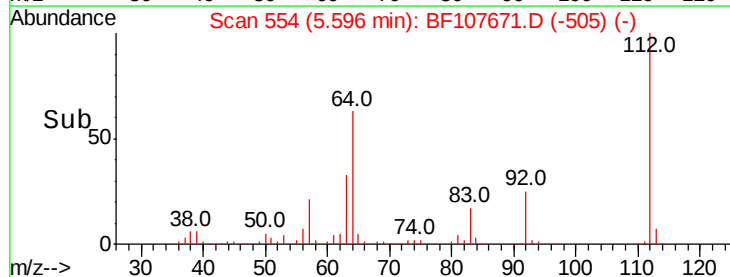
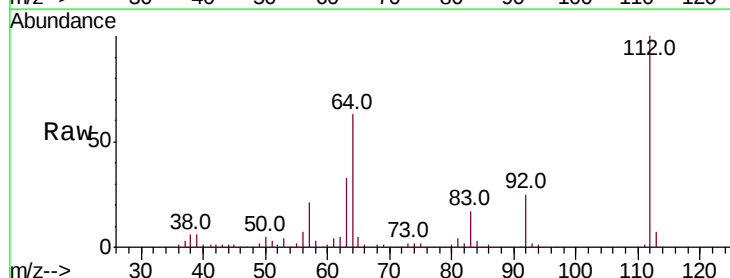
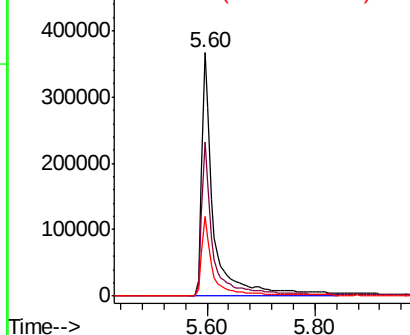
Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.5	47.9	71.9
63	32.9	23.7	35.5

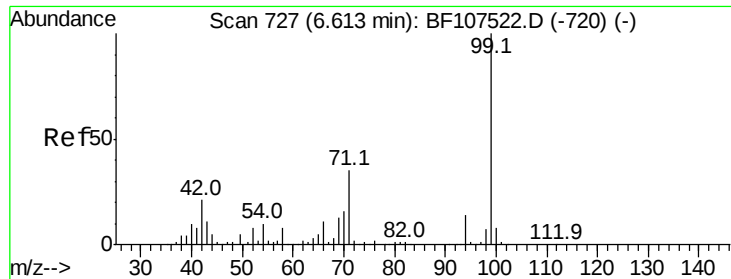
Abundance

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: 42.998 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107671.D

Acq: 25 Jul 2018 21:38

Instrument :

BNA_F

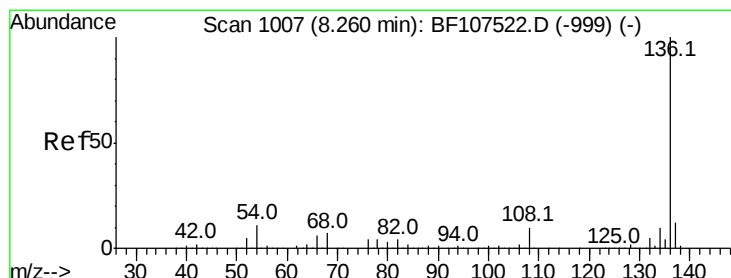
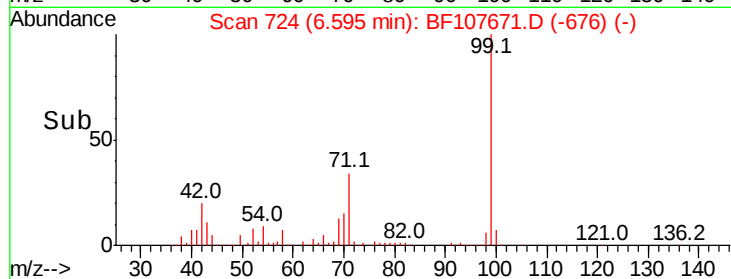
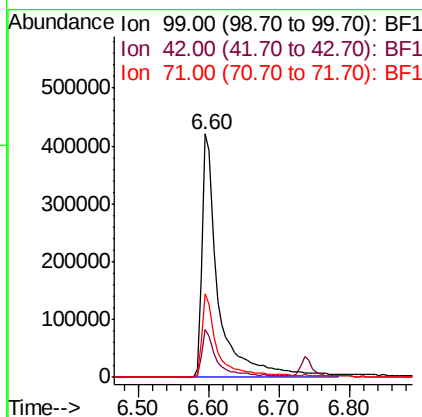
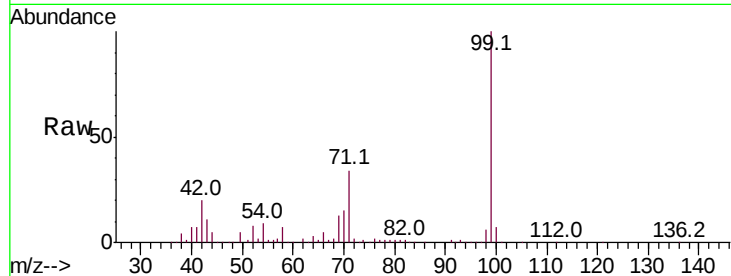
ClientSampleId :

PLANTER-DOC-6

Tot Ion:	99	Resp:	695949
Ion Ratio	Lower	Upper	
99	100		
42	19.6	14.5	21.7
71	34.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

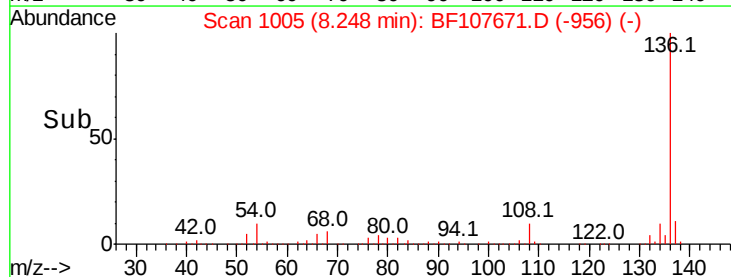
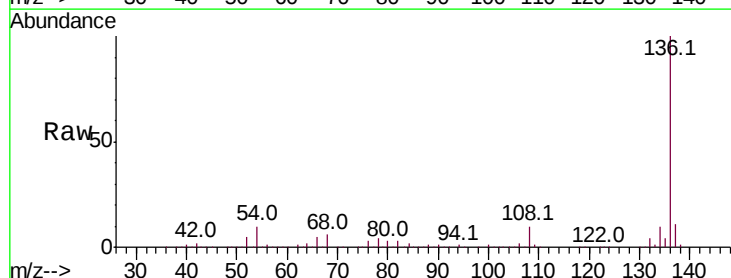
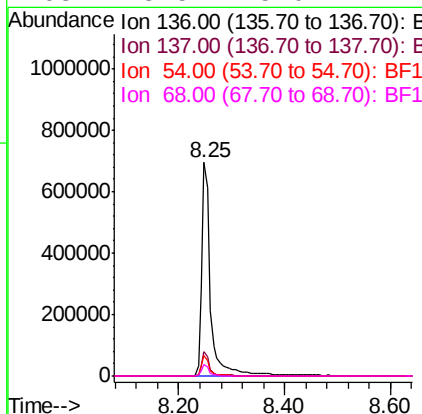
RT: 8.25 min Scan# 1005

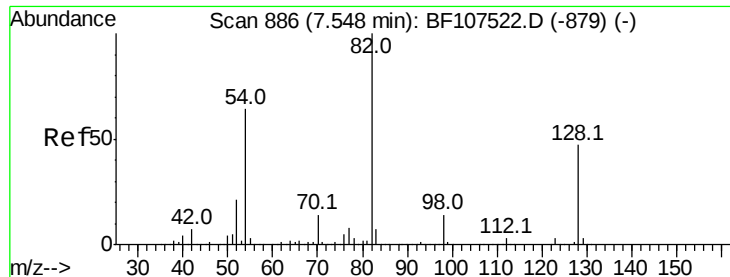
Delta R.T. -0.01 min

Lab File: BF107671.D

Acq: 25 Jul 2018 21:38

Tgt Ion:	136	Resp:	830238
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	9.7	6.6	9.8
68	5.5	5.0	7.4





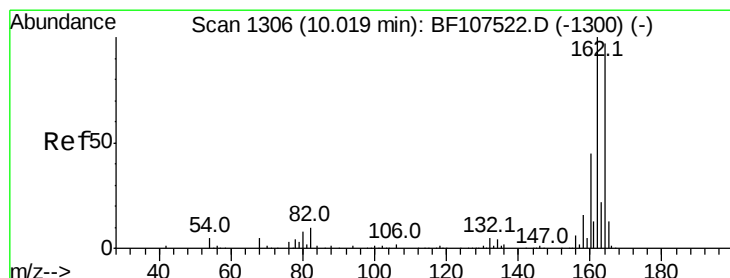
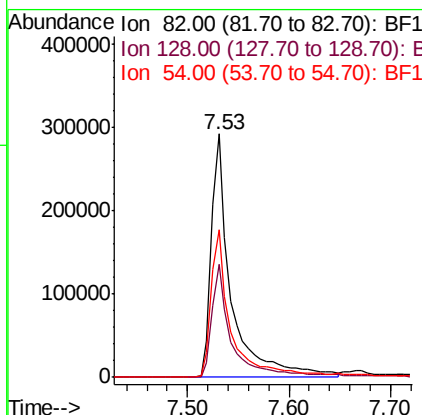
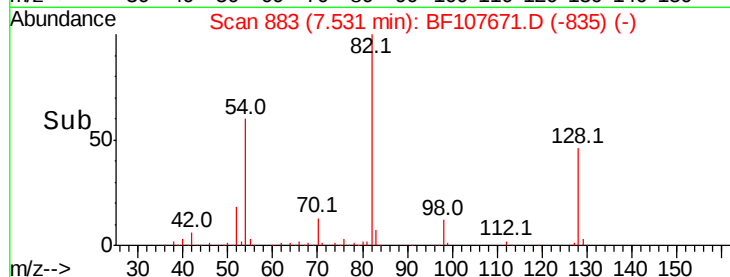
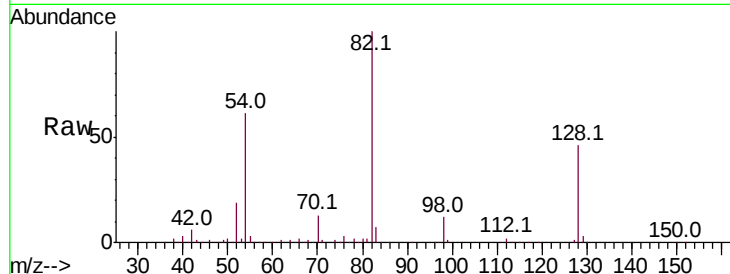
#23
Nitrobenzene-d5
Concen: 32.637 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107671.D
Acq: 25 Jul 2018 21:38

Instrument :
BNA_F
ClientSampleId :
PLANTER-DOC-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	60.6	41.4	62.2

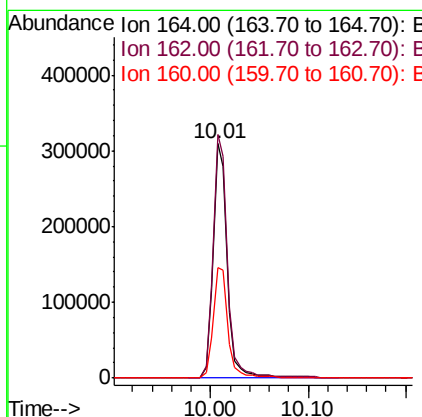
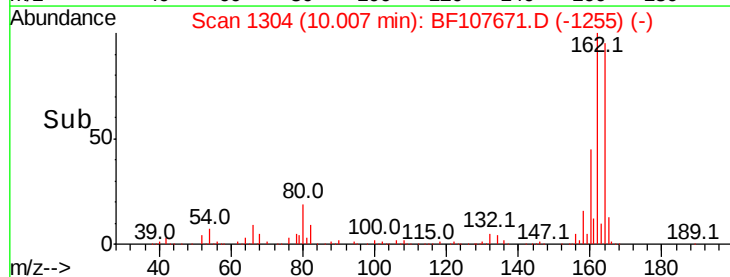
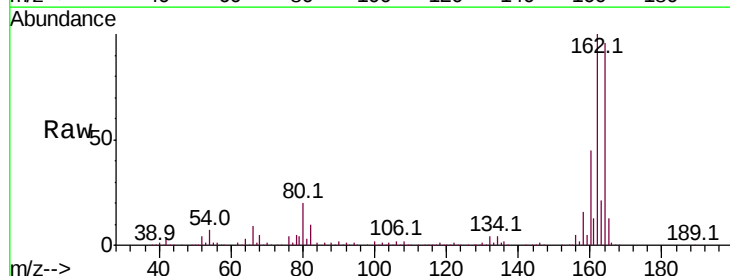
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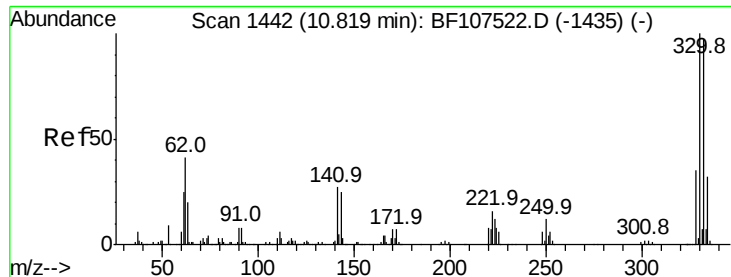
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107671.D
Acq: 25 Jul 2018 21:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	47.0	38.3	57.5





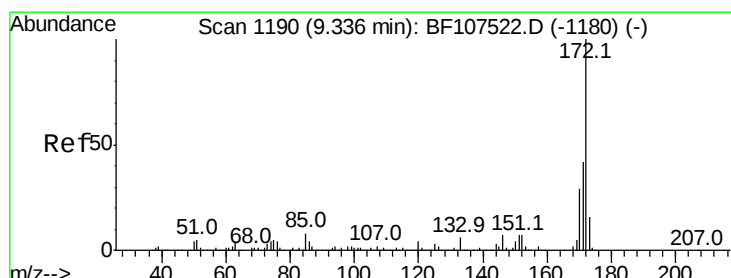
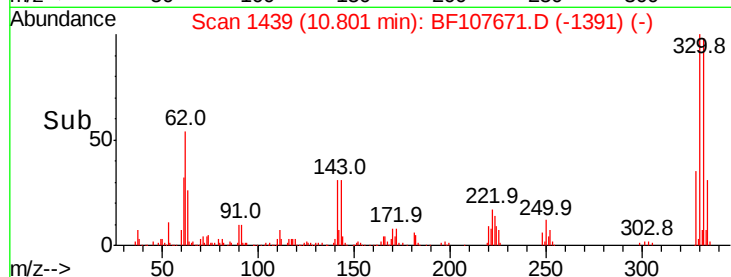
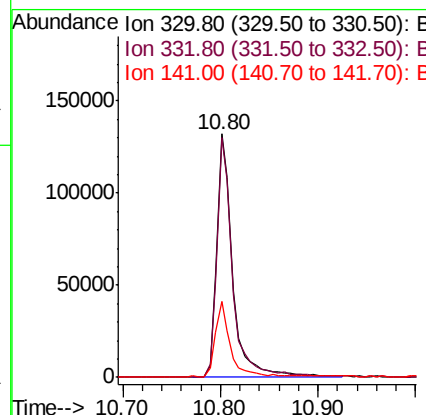
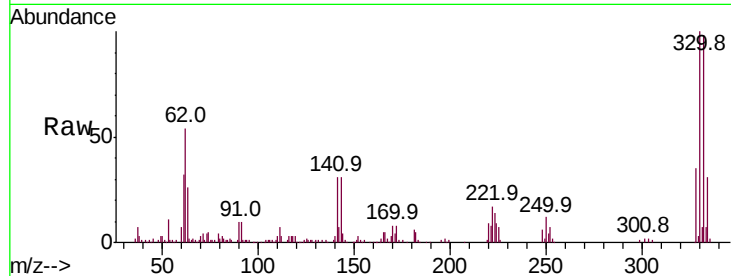
#41
 2,4,6-Tribromophenol
 Concen: 42.373 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107671.D
 Acq: 25 Jul 2018 21:38

Instrument :
 BNA_F
 ClientSampleId :
 PLANTER-DOC-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.1	77.0	115.6	
141	30.5	29.9	44.9	

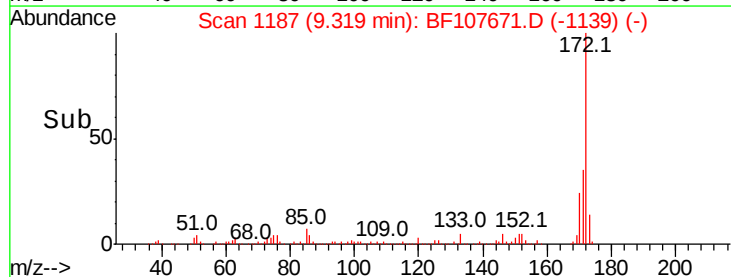
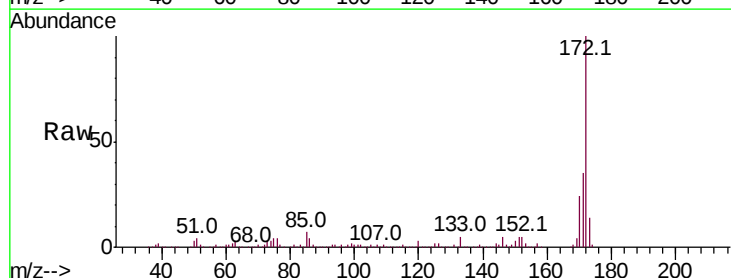
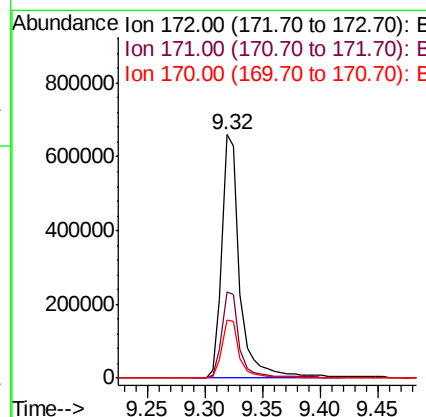
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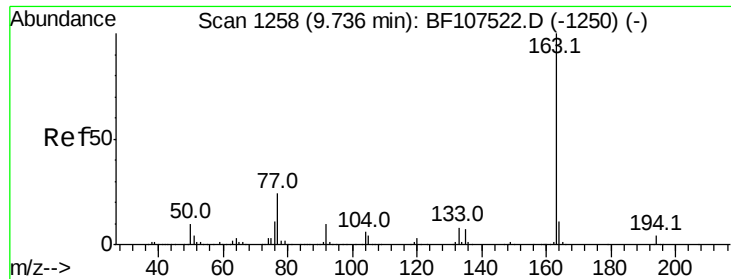
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#44
 2-Fluorobiphenyl
 Concen: 32.268 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107671.D
 Acq: 25 Jul 2018 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.5	29.7	44.5	
170	23.7	19.6	29.4	





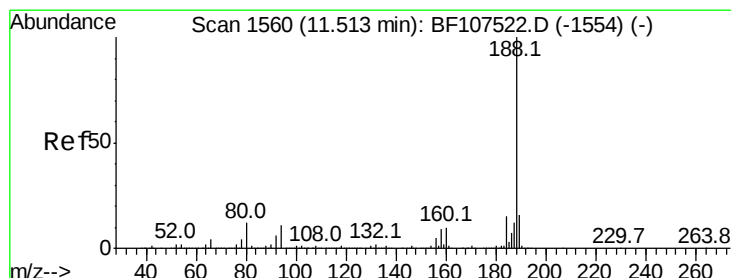
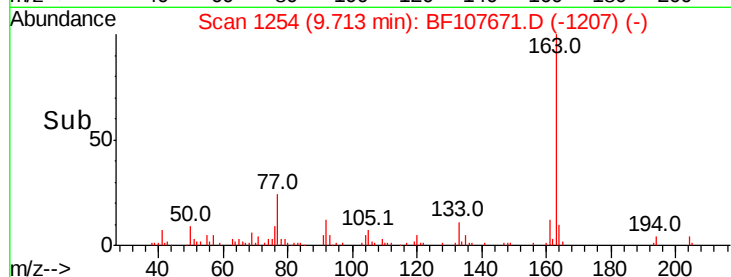
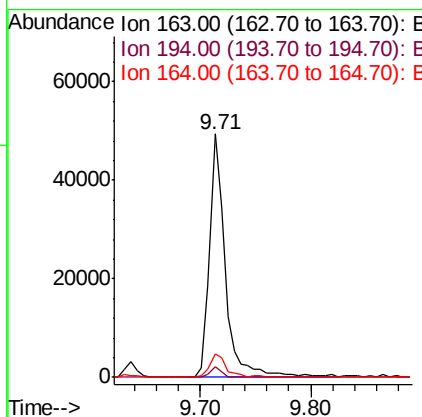
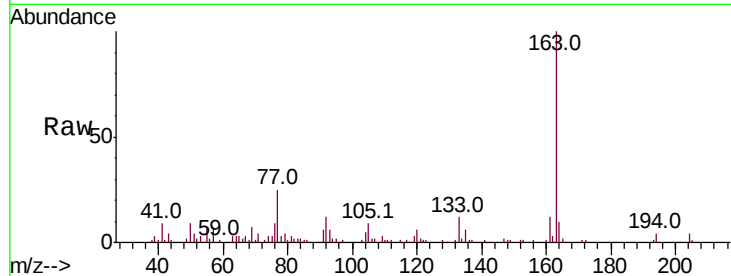
#49
Dimethylphthalate
Concen: 2.045 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107671.D
Acq: 25 Jul 2018 21:38

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
163	100	48103		
194	4.3	2.7	4.1#	
164	9.8	8.2	12.2	

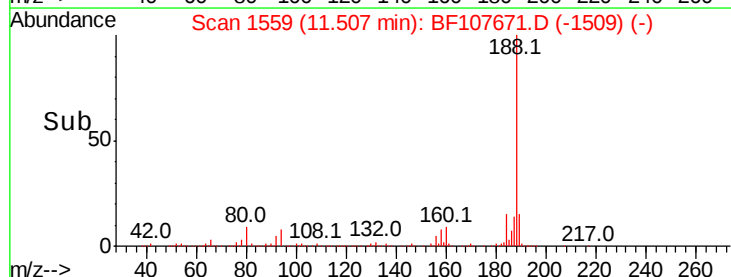
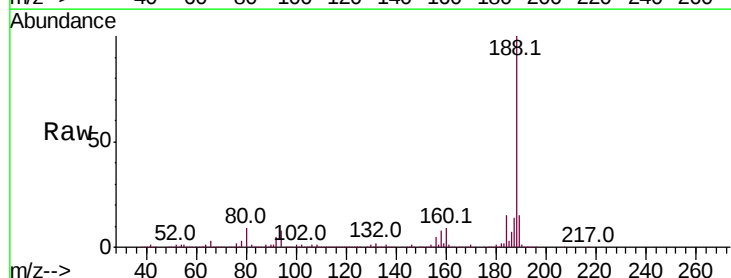
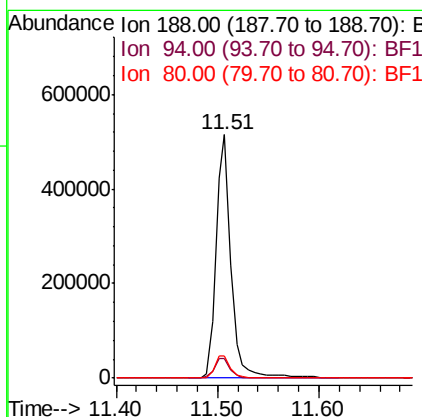
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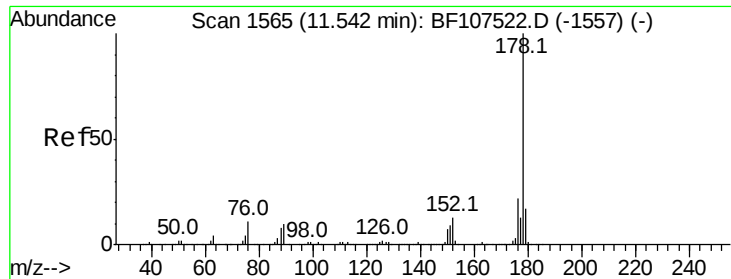
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107671.D
Acq: 25 Jul 2018 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	525889		
94	8.2	8.5	12.7#	
80	9.0	9.2	13.8#	





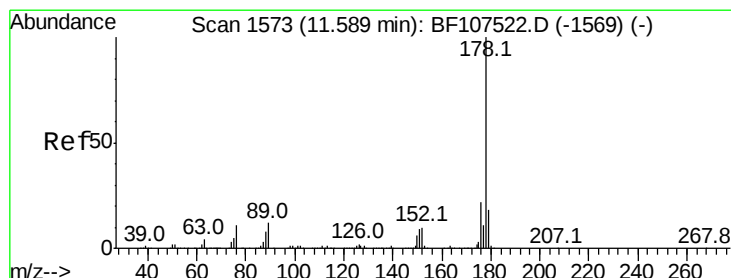
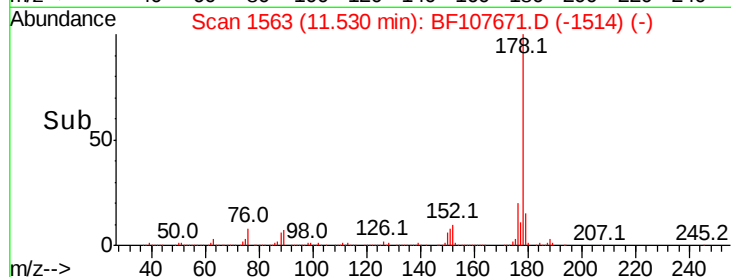
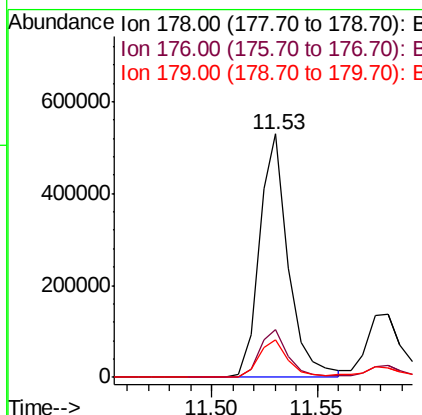
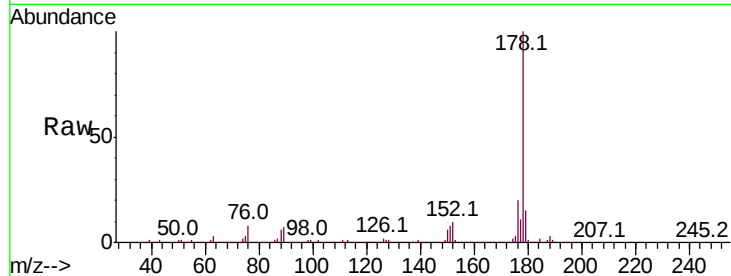
#70
Phenanthrene
Concen: 19.617 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF107671.D
Acq: 25 Jul 2018 21:38

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.3	13.0	19.6

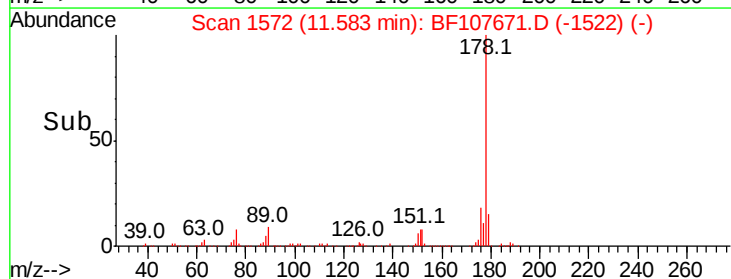
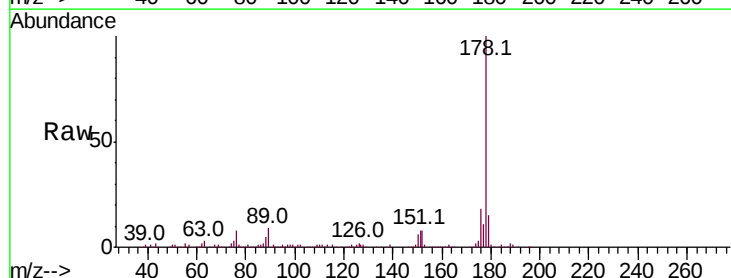
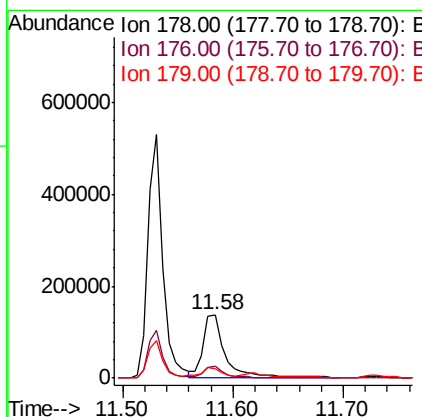
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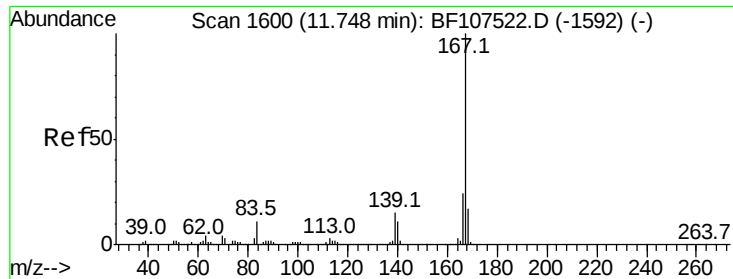
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#71
Anthracene
Concen: 7.064 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF107671.D
Acq: 25 Jul 2018 21:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.3	12.6	19.0





#72

Carbazole

Concen: 2.443 ng

RT: 11.74 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF107671.D

Acq: 25 Jul 2018 21:38

Instrument :

BNA_F

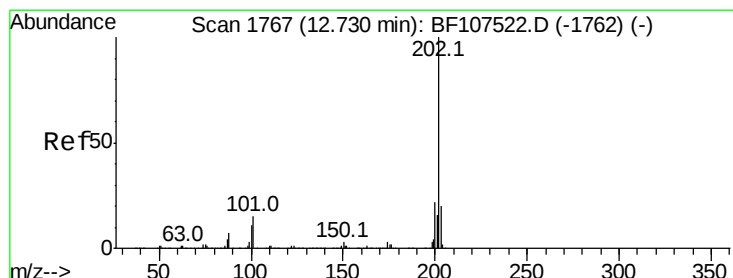
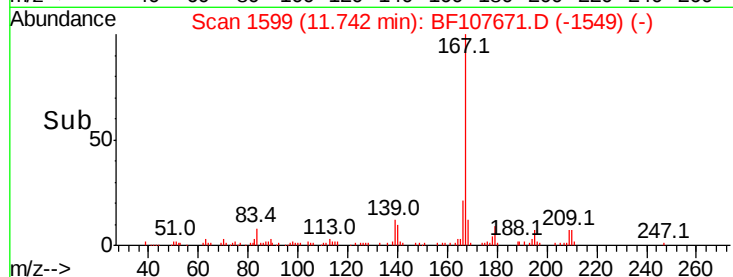
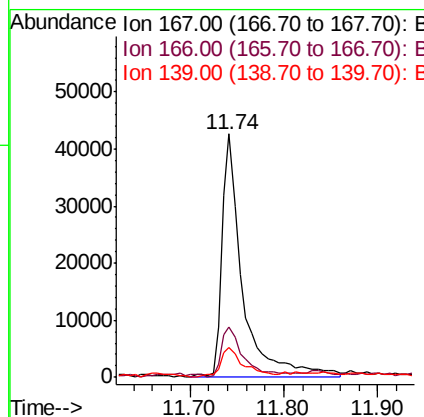
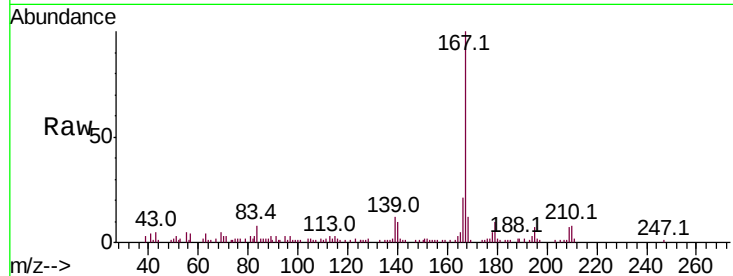
ClientSampleId :

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Tot Ion:	167	Resp:	65561
Ion Ratio	Lower	Upper	
167	100		
166	20.8	17.6	26.4
139	12.2	10.9	16.3

Manual Integrations
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#74

Fluoranthene

Concen: 40.935 ng

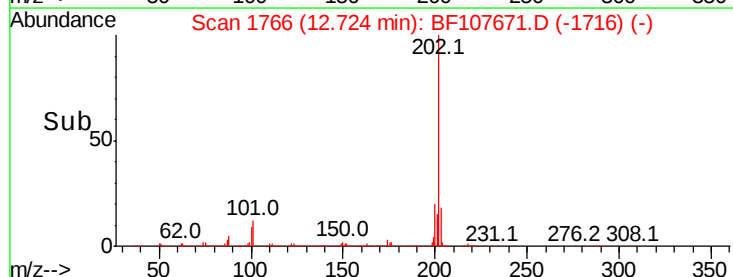
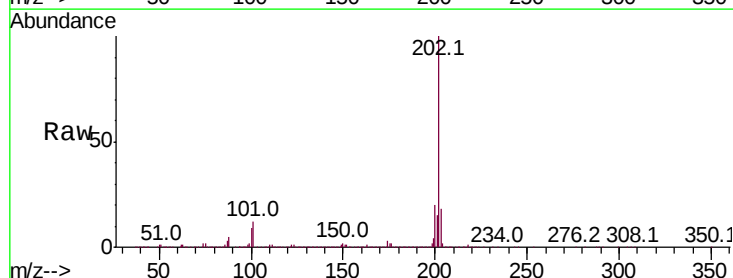
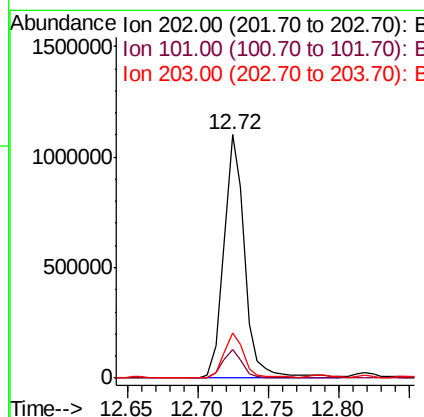
RT: 12.72 min Scan# 1766

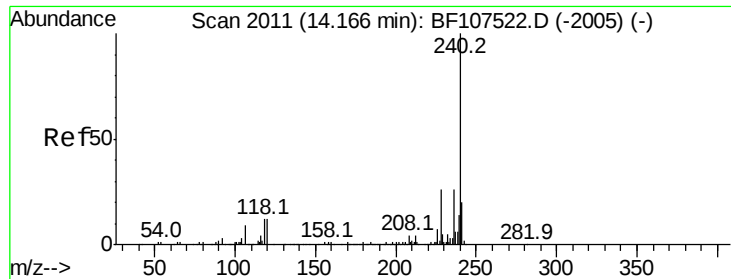
Delta R.T. -0.01 min

Lab File: BF107671.D

Acq: 25 Jul 2018 21:38

Tgt Ion:	202	Resp:	1125683
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	34.1
203	18.4	0.0	38.1





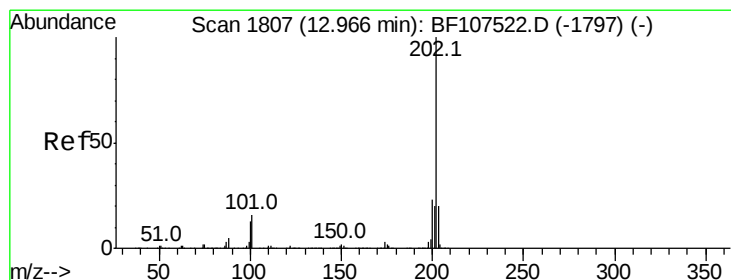
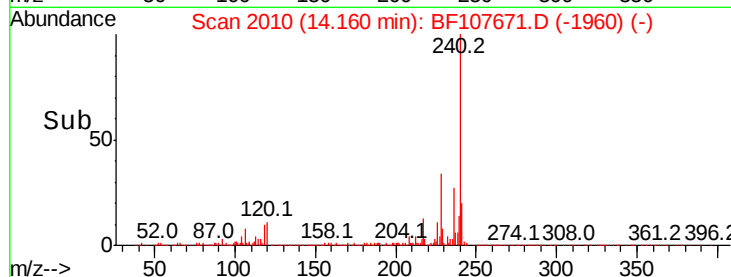
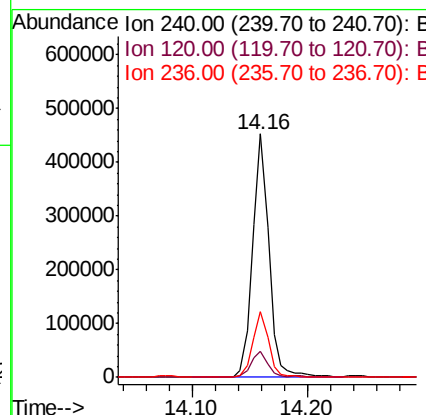
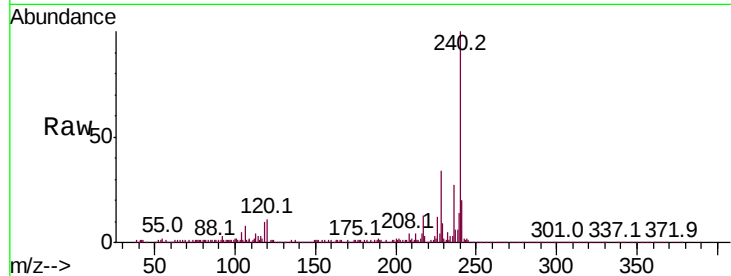
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107671.D
Acq: 25 Jul 2018 21:38

Instrument :
BNA_F
ClientSampleId :
PLANTER-DOC-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	27.0	20.7	31.1

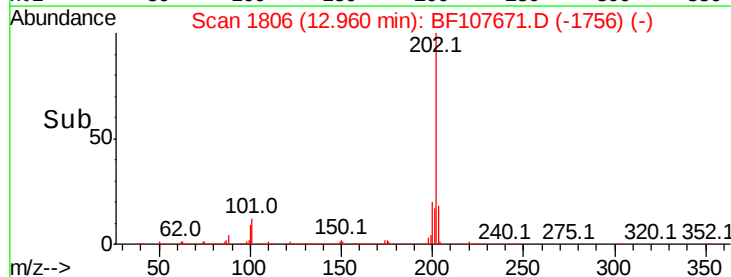
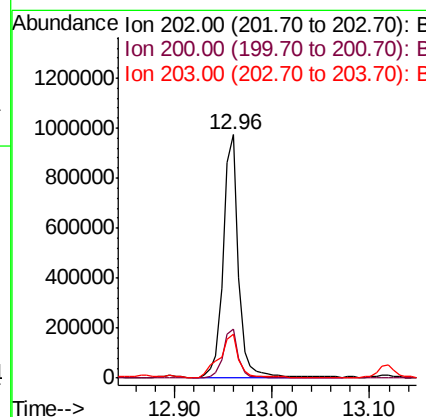
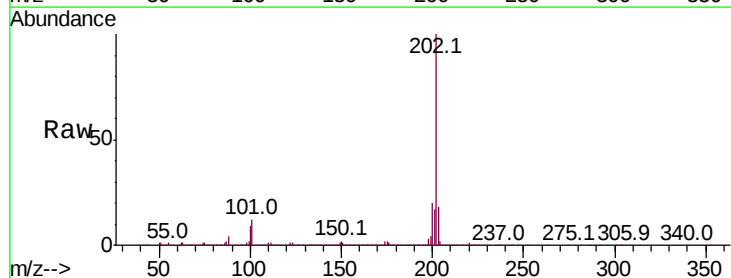
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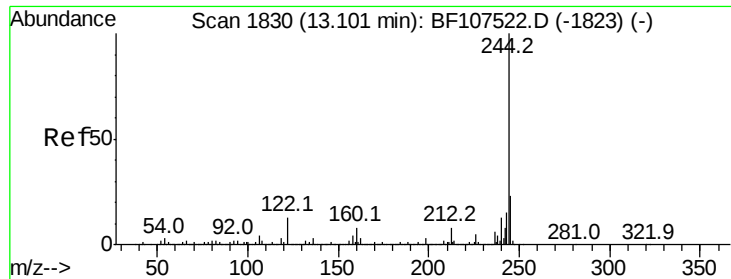
Sohil
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#77
Pyrene
Concen: 34.709 ng
RT: 12.96 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF107671.D
Acq: 25 Jul 2018 21:38

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	18.0	14.3	21.5





#78

Terphenyl-d14

Concen: 31.437 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107671.D

Acq: 25 Jul 2018 21:38

Instrument :

BNA_F

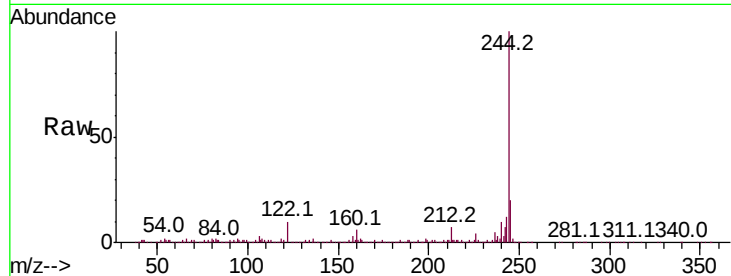
ClientSampleId :

PLANTER-DOC-6

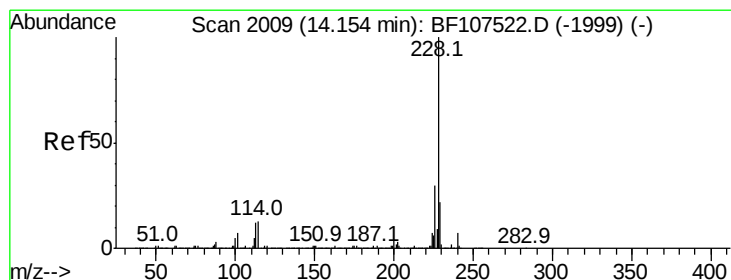
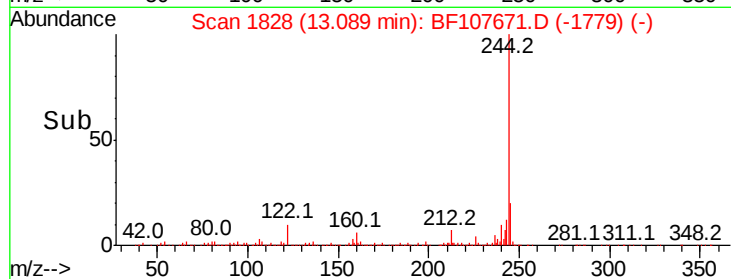
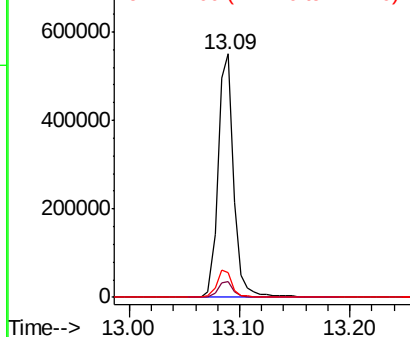
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.0	11.0	16.4

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 23.094 ng

RT: 14.15 min Scan# 2008

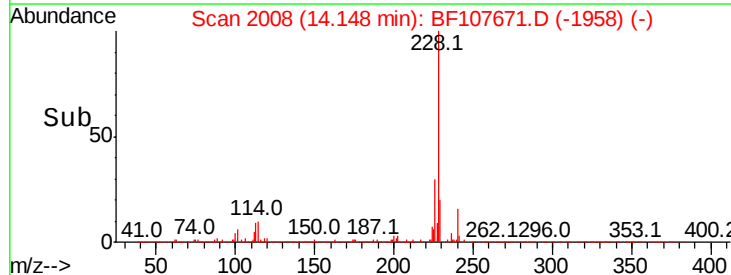
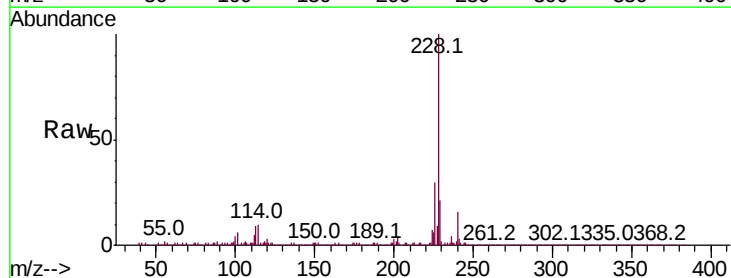
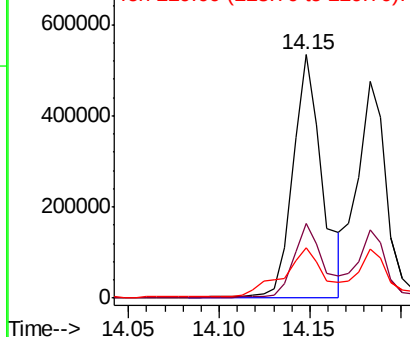
Delta R.T. -0.01 min

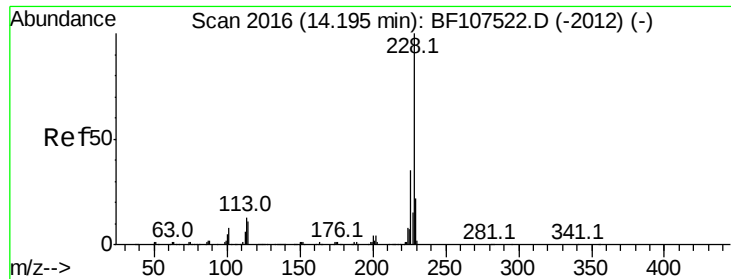
Lab File: BF107671.D

Acq: 25 Jul 2018 21:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.6	33.8
229	20.9	15.8	23.6

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





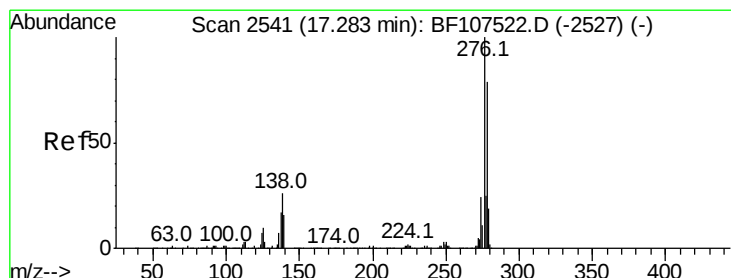
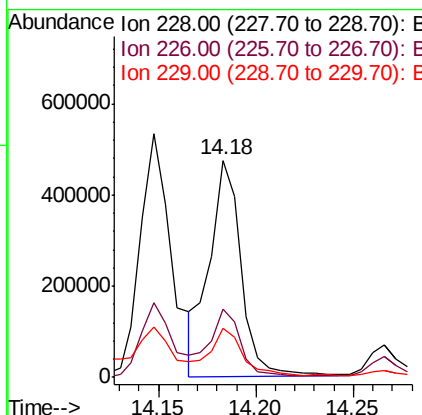
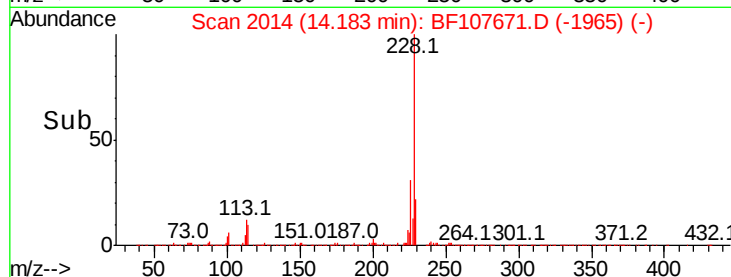
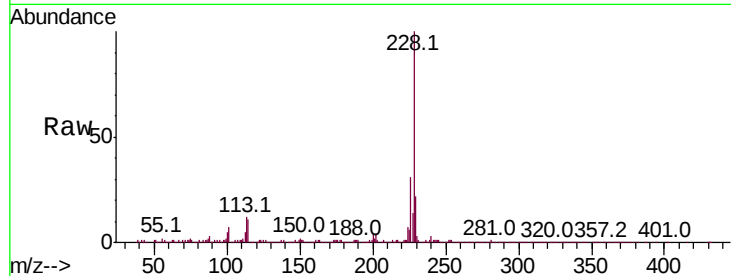
#82
Chrysene
Concen: 21.537 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF107671.D
Acq: 25 Jul 2018 21:38

Instrument :
BNA_F
ClientSampleId :
PLANTER-DOC-6

Tot Ion:	228	Resp:	537683
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.0	37.6
229	22.4	16.2	24.4

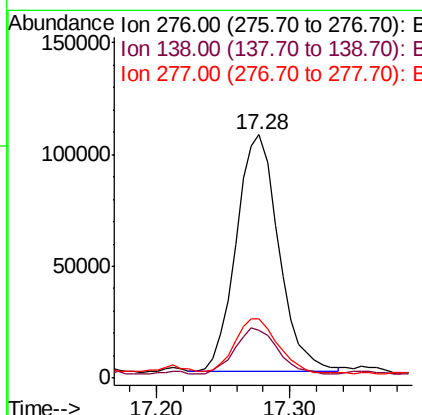
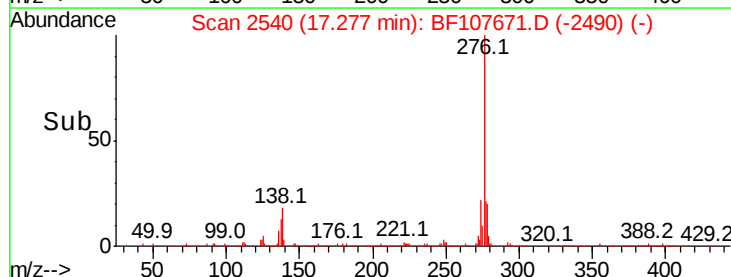
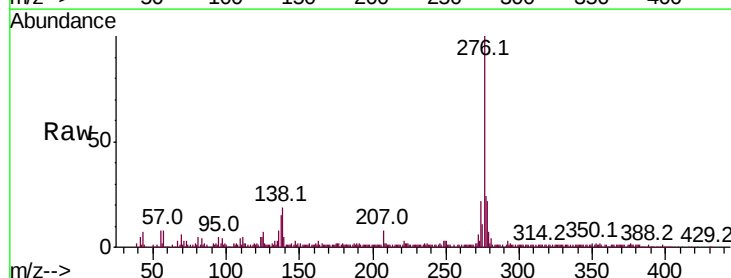
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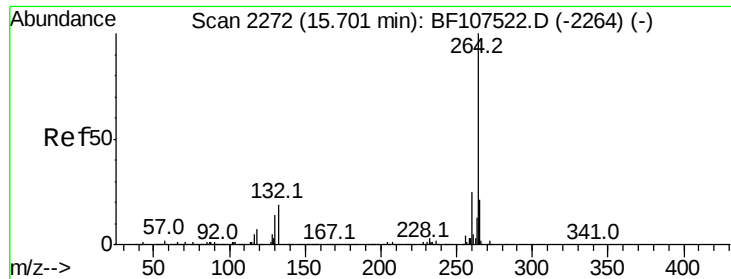
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 11.023 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BF107671.D
Acq: 25 Jul 2018 21:38

Tgt Ion:	276	Resp:	233239
Ion Ratio	Lower	Upper	
276	100		
138	19.9	25.0	37.6#
277	24.6	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: BF107671.D

Acq: 25 Jul 2018 21:38

Instrument :

BNA_F

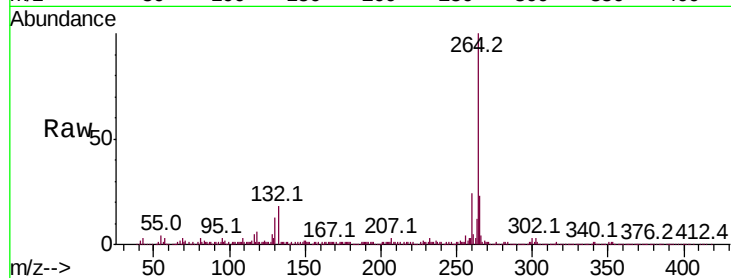
ClientSampleId :

PLANTER-DOC-6

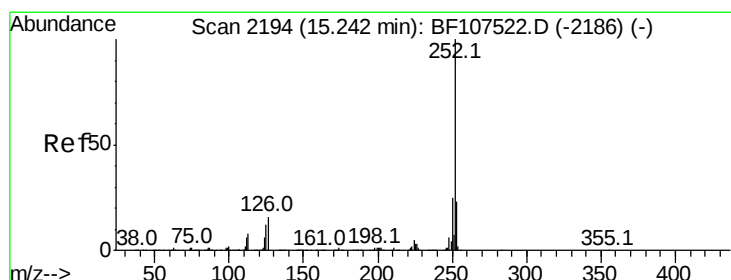
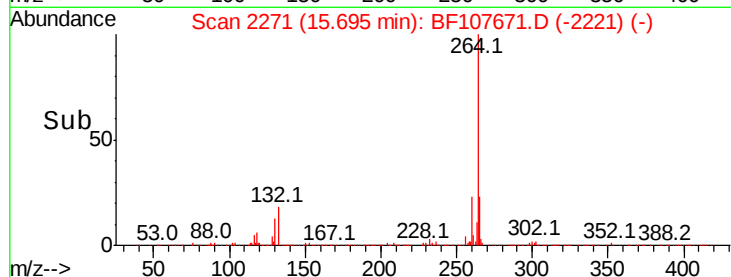
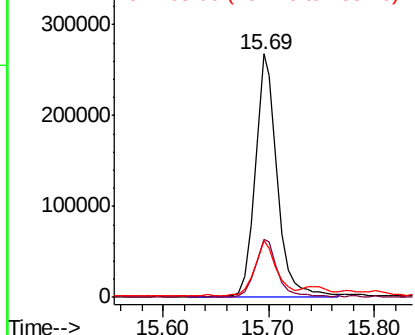
Tot Ion:	264	Resp:	387521
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	23.1	17.5	26.3

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 33.127 ng m

RT: 15.24 min Scan# 2194

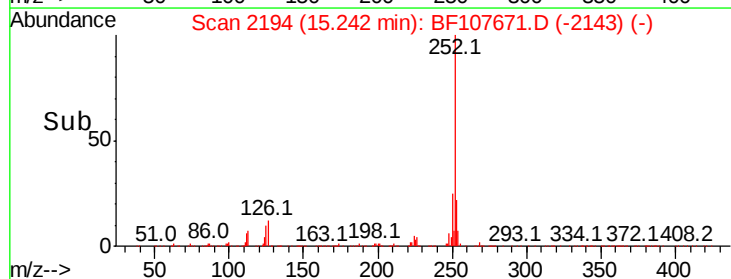
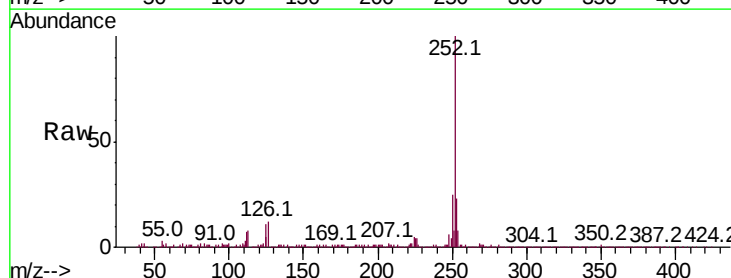
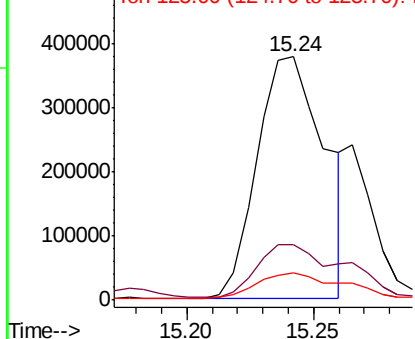
Delta R.T. 0.00 min

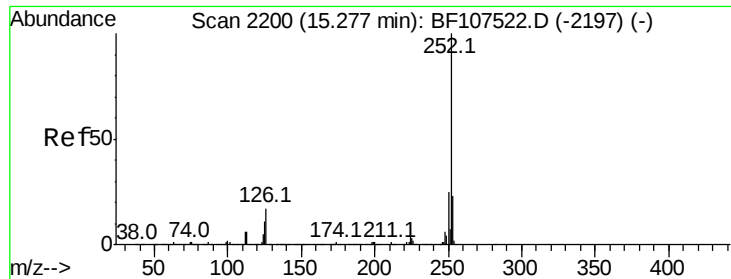
Lab File: BF107671.D

Acq: 25 Jul 2018 21:38

Tgt Ion:	252	Resp:	702577
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.0	25.6
125	11.2	9.0	13.6

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





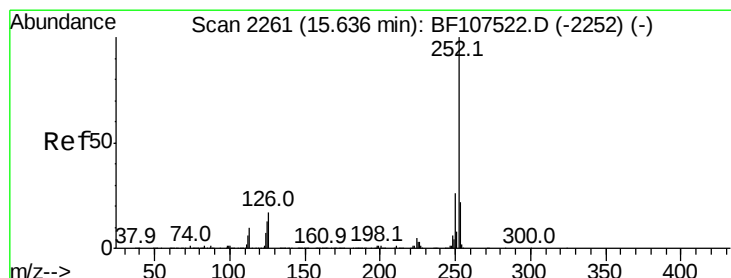
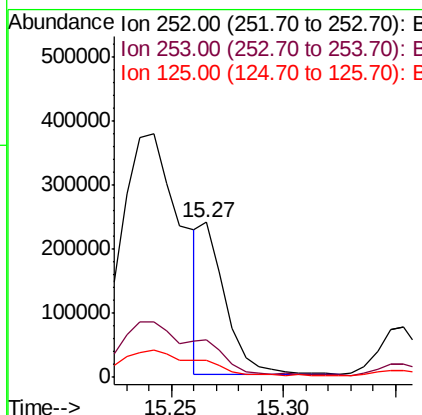
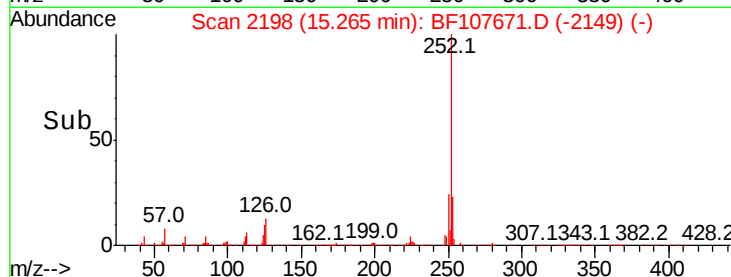
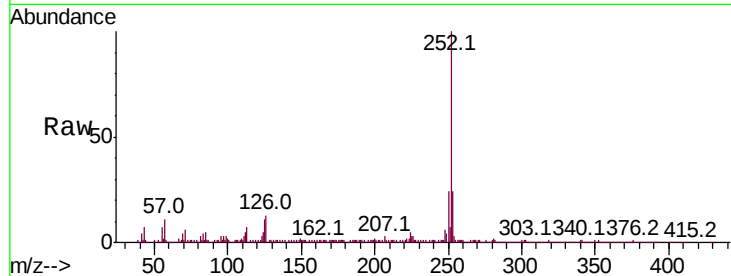
#88
Benzo(k)fluoranthene
Concen: 9.003 ng m
RT: 15.27 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF107671.D
Acq: 25 Jul 2018 21:38

Instrument :
BNA_F
ClientSampleId :
PLANTER-DOC-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	11.1	10.2	15.2

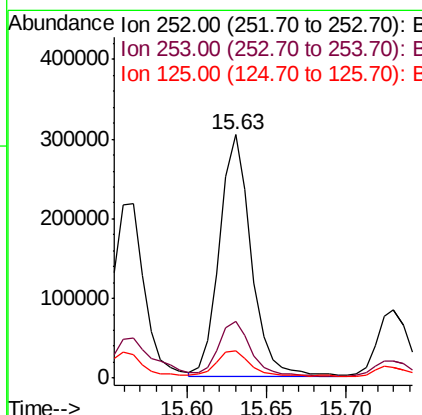
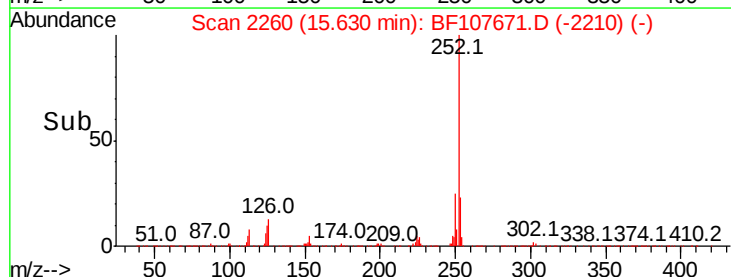
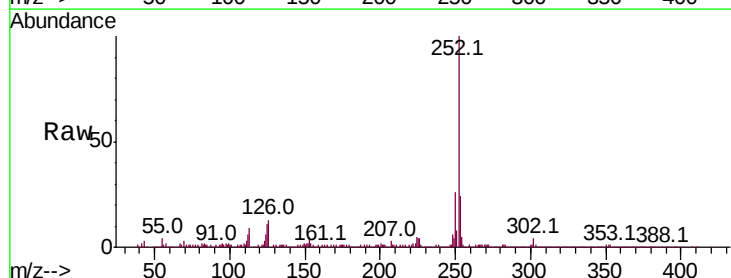
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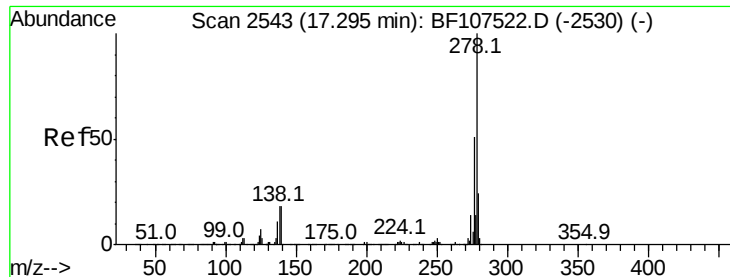
Sohil
7/26/2018 2:02:03 PM



#89
Benzo(a)pyrene
Concen: 21.768 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF107671.D
Acq: 25 Jul 2018 21:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	11.2	9.8	14.6





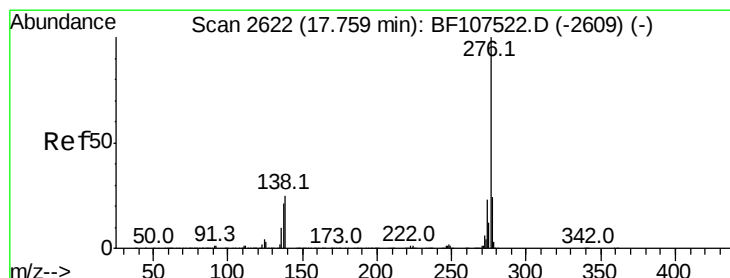
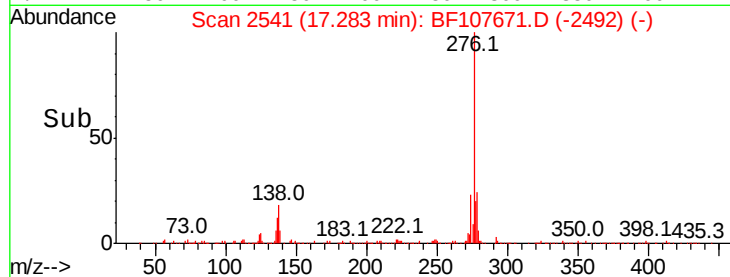
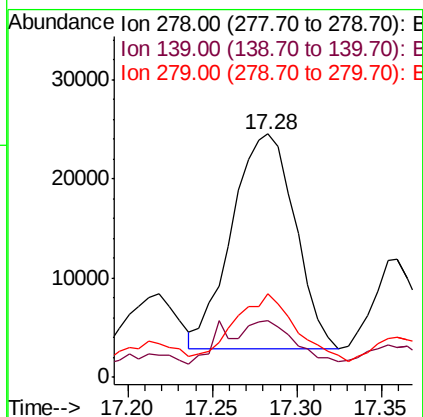
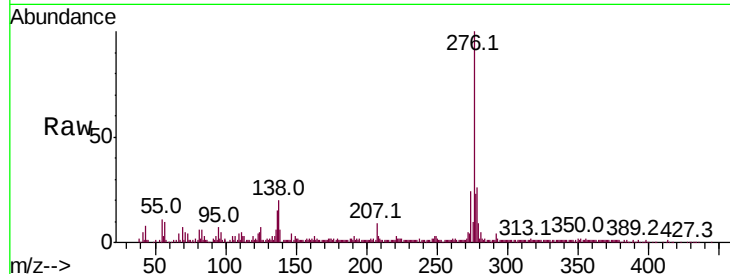
#90
Dibenzo(a,h)anthracene
Concen: 3.364 ng
RT: 17.28 min Scan# 2541
Delta R.T. -0.01 min
Lab File: BF107671.D
Acq: 25 Jul 2018 21:38

Instrument :
BNA_F
ClientSampleId :
PLANTER-DOC-6

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.4	15.9	23.9
279	34.2	19.0	28.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 13.535 ng
RT: 17.76 min Scan# 2622
Delta R.T. 0.00 min
Lab File: BF107671.D
Acq: 25 Jul 2018 21:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	17.9	26.9
138	22.4	21.8	32.8

