

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107673.D
 Acq On : 25 Jul 2018 22:32
 Operator : JU/SJ
 Sample : J4031-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PLANTER-DOC-9

Manual Integrations
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Sohil
 7/26/2018 2:02:07 PM

Quant Time: Jul 26 11:11:28 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	202859	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	777251	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	299872	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	539399	20.00	ng	0.00
75) Chrysene-d12	14.16	240	390257	20.00	ng	0.00
86) Perylene-d12	15.69	264	342045	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	963077	76.33	ng	0.00
7) Phenol-d6	6.60	99	1199359	79.17	ng	-0.01
23) Nitrobenzene-d5	7.53	82	707156	61.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	273342	80.16	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1232994	66.15	ng	-0.01
78) Terphenyl-d14	13.09	244	992125	65.08	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.71	163	79977	3.539	ng	Qvalue 100
70) Phenanthrene	11.53	178	145764	5.546	ng	99
74) Fluoranthene	12.72	202	307427	10.899	ng	96
77) Pyrene	12.95	202	291750	10.929	ng	98
80) Benzo(a)anthracene	14.15	228	142677	6.239	ng	99
82) Chrysene	14.18	228	148481m	6.759	ng	
85) Indeno(1,2,3-cd)pyrene	17.27	276	58297	3.131	ng	# 90
87) Benzo(b)fluoranthene	15.24	252	152102m	8.125	ng	
88) Benzo(k)fluoranthene	15.26	252	52210m	2.847	ng	
89) Benzo(a)pyrene	15.62	252	112264	6.556	ng	98
91) Benzo(g,h,i)perylene	17.75	276	63169	4.326	ng	92

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

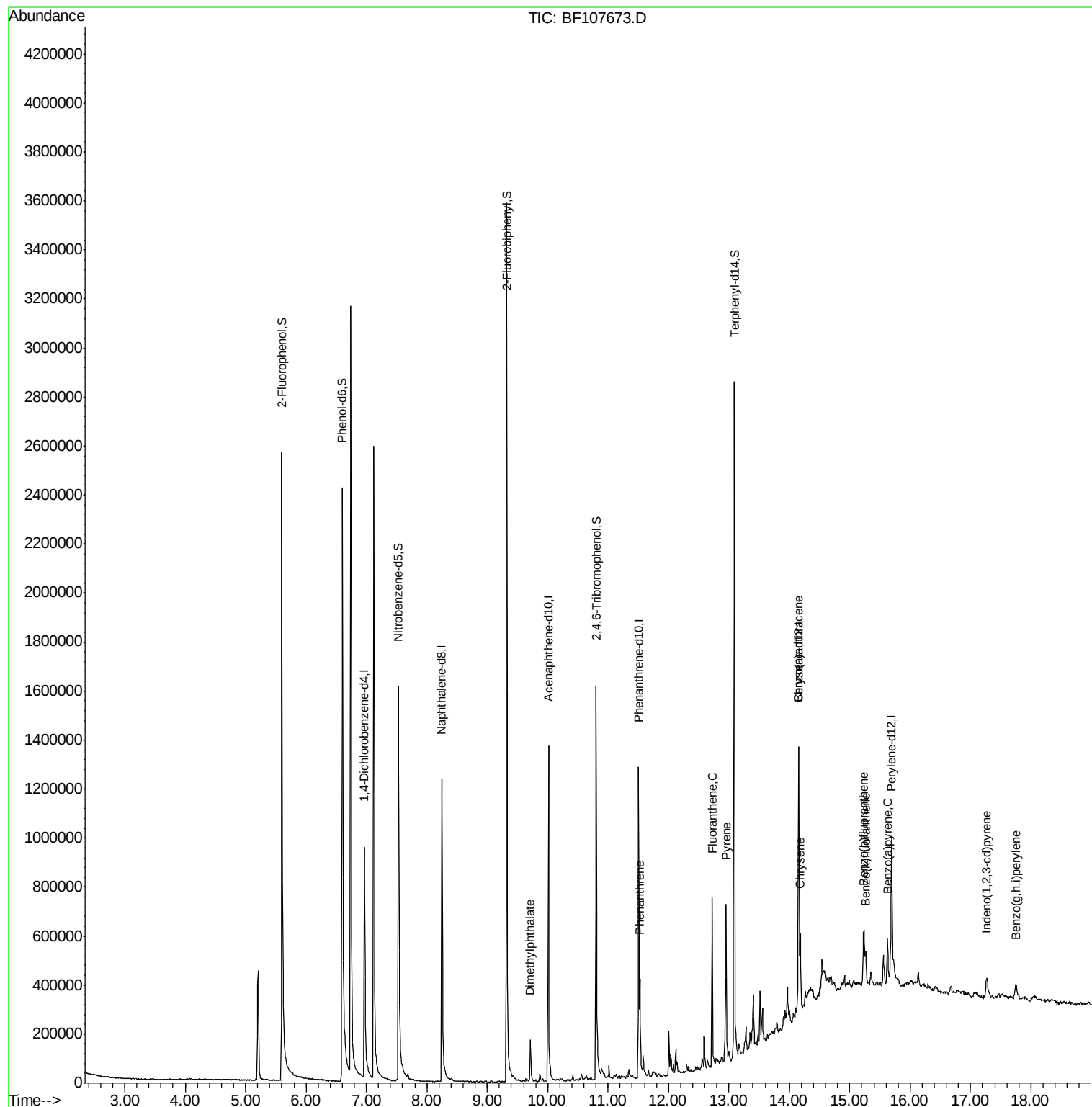
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107673.D
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ALS Vial : 26 Sample Multiplier: 1

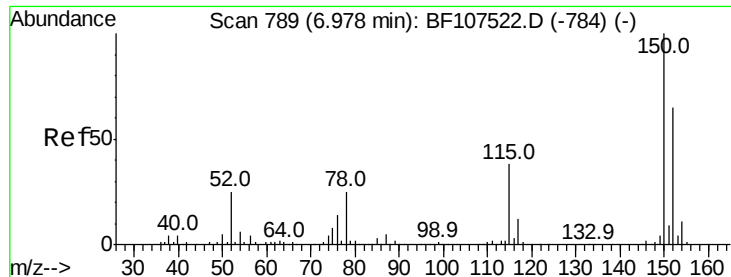
Instrument :
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#1

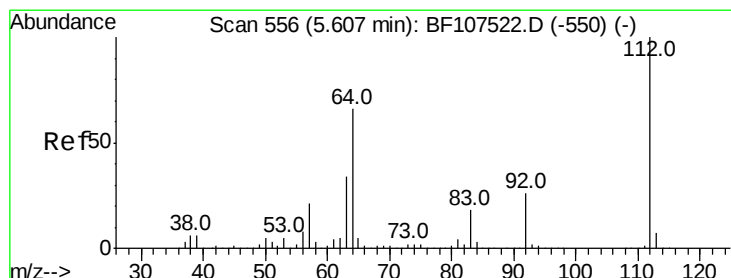
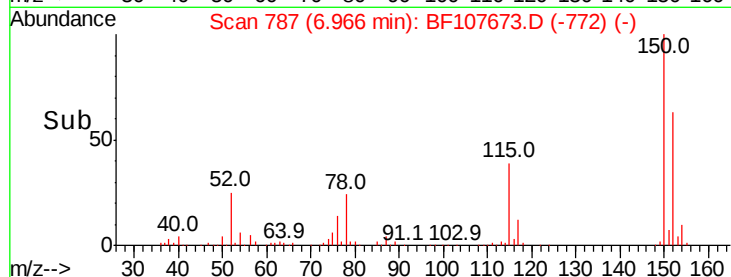
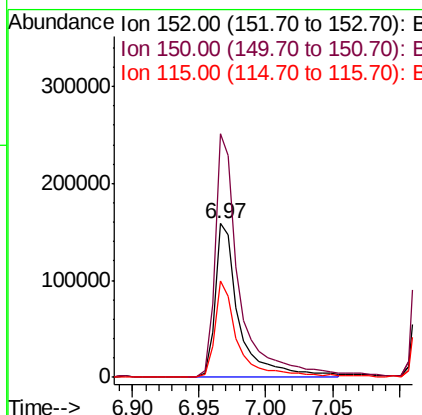
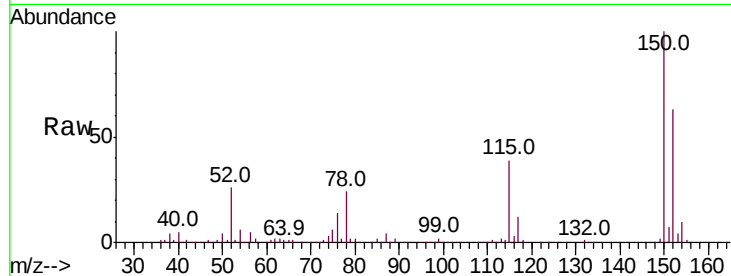
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107673.D
Acq: 25 Jul 2018 22:32

Instrument :
BNA_F
ClientSampleId :
PLANTER-DOC-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	62.5	50.1	75.1

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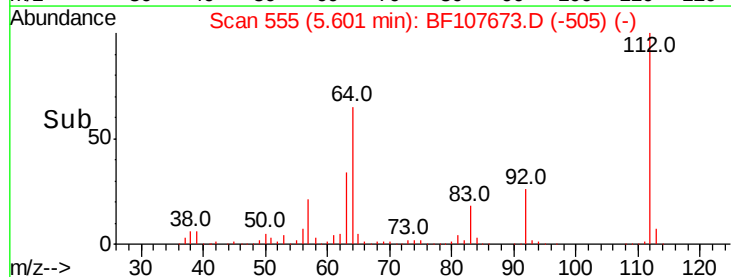
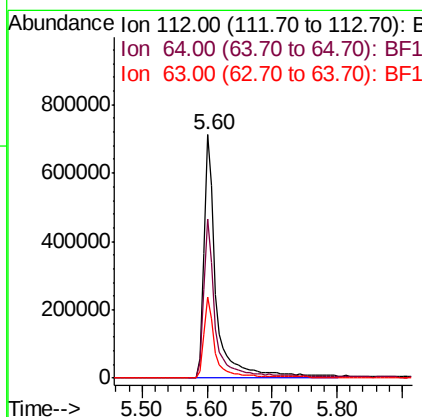
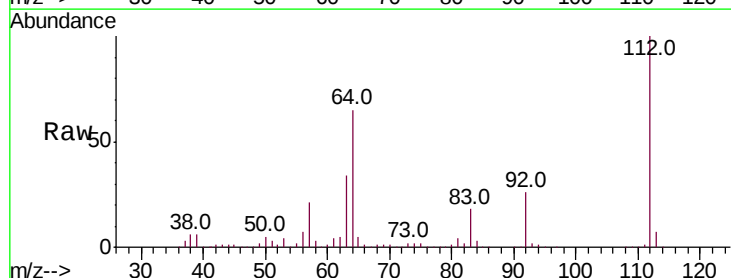
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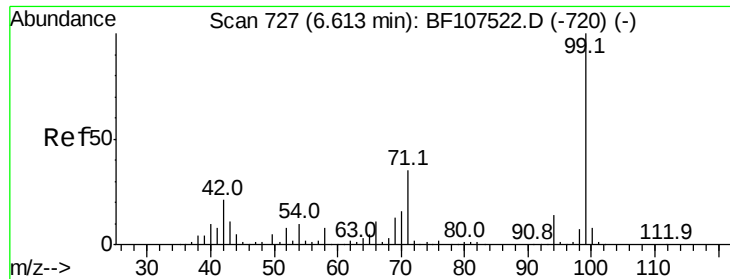


#5

2-Fluorophenol
Concen: 76.331 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107673.D
Acq: 25 Jul 2018 22:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	47.9	71.9
63	33.5	23.7	35.5





#7

Phenol-d6

Concen: 79.166 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107673.D

Acq: 25 Jul 2018 22:32

Instrument :

BNA_F

ClientSampleId :

PLANTER-DOC-9

Tot Ion: 99 Resp: 1199359

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

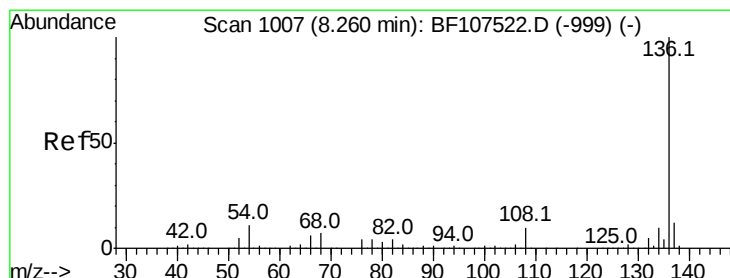
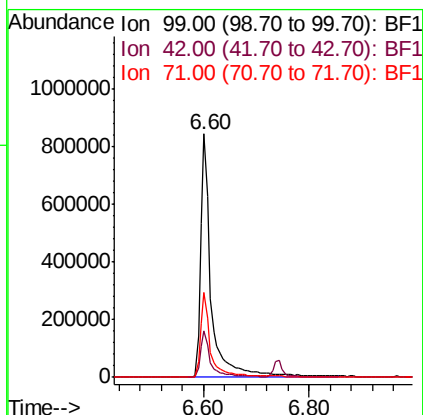
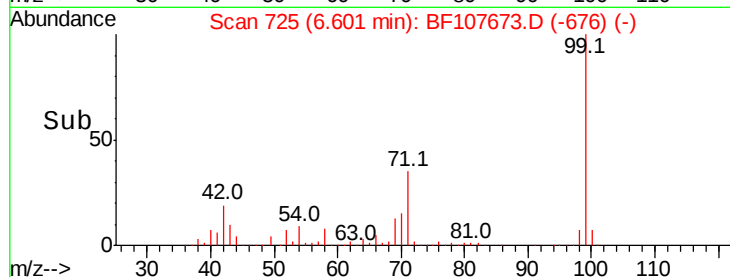
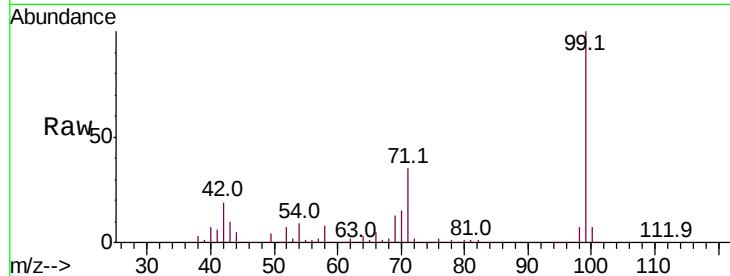
71 34.7 25.4 38.0

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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: BF107673.D

Acq: 25 Jul 2018 22:32

Tgt Ion: 136 Resp: 777251

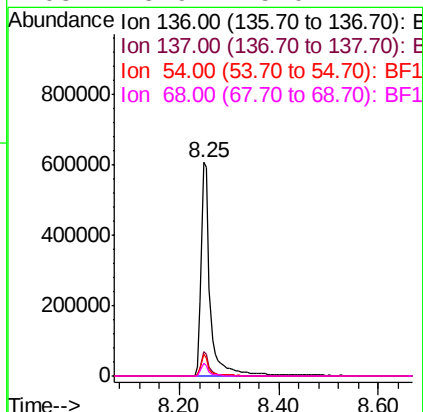
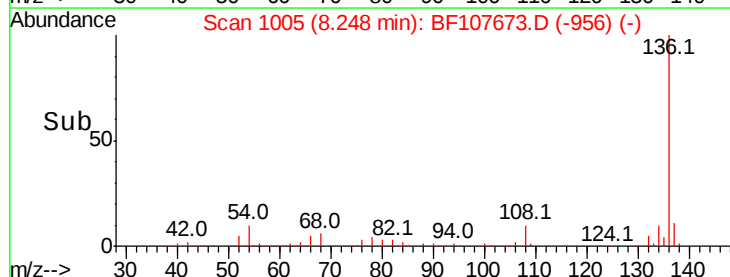
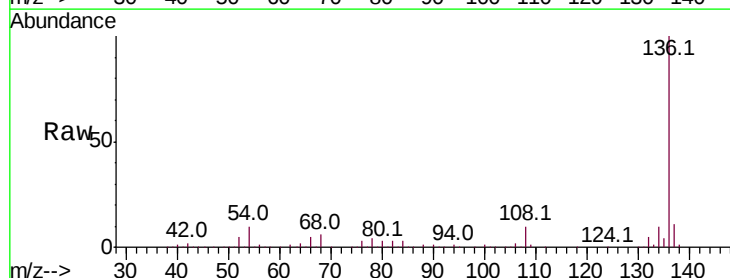
Ion Ratio Lower Upper

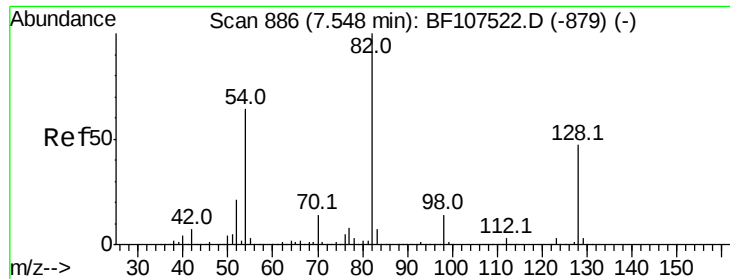
136 100

137 11.1 8.9 13.3

54 10.2 6.6 9.8#

68 5.9 5.0 7.4





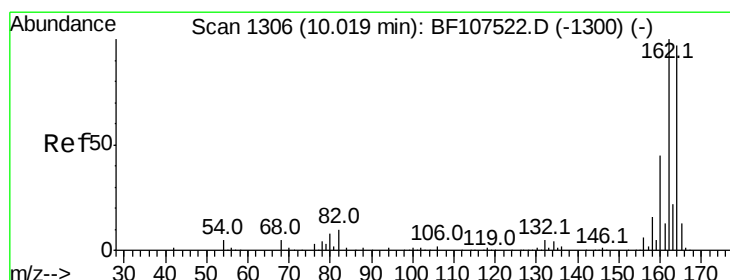
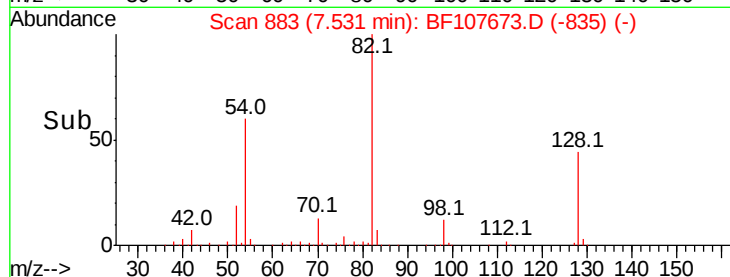
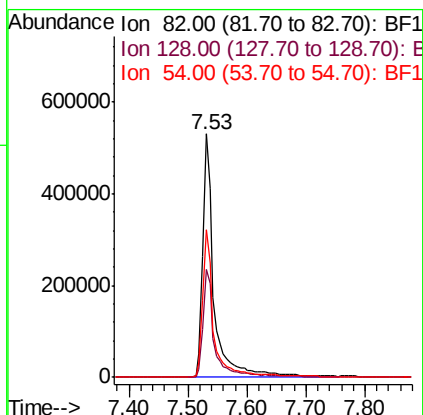
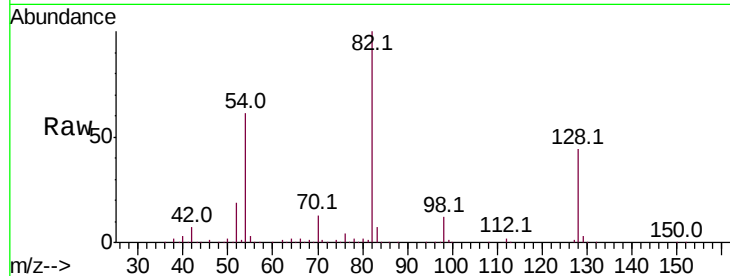
#23
Nitrobenzene-d5
Concen: 61.401 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107673.D
Acq: 25 Jul 2018 22:32

Instrument :
BNA_F
ClientSampleId :
PLANTER-DOC-9

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	60.5	41.4	62.2

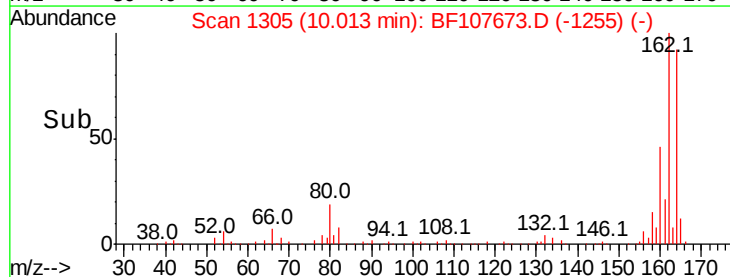
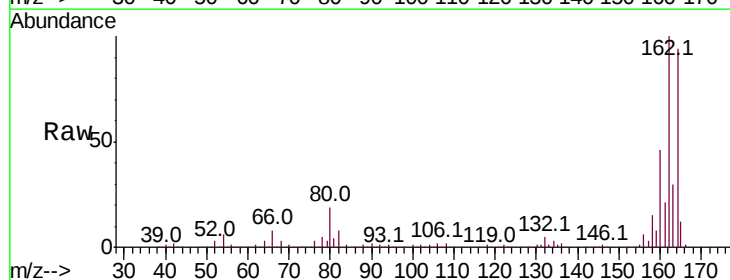
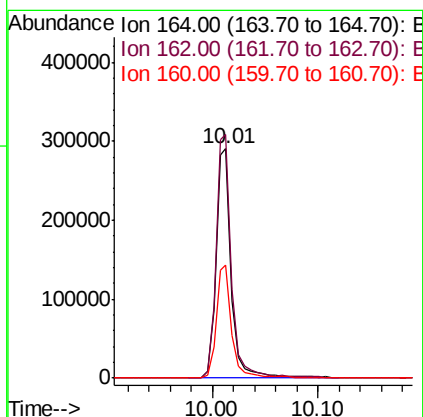
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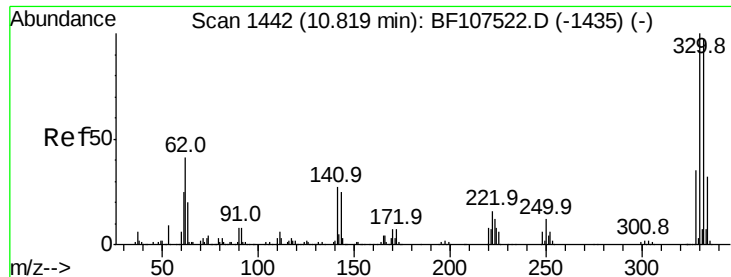
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF107673.D
Acq: 25 Jul 2018 22:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	86.1	129.1
160	49.1	38.3	57.5





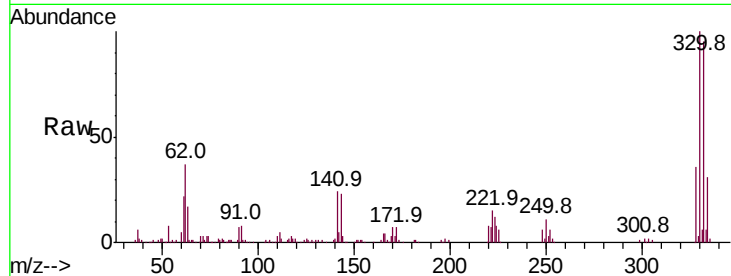
#41
 2,4,6-Tribromophenol
 Concen: 80.159 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107673.D
 Acq: 25 Jul 2018 22:32

Instrument :
 BNA_F
 ClientSampleId :
 PLANTER-DOC-9

Tot Ion	Ratio	Resp	Lower	Upper
330	100	273342		
332	95.7	77.0	115.6	
141	29.0	29.9	44.9#	

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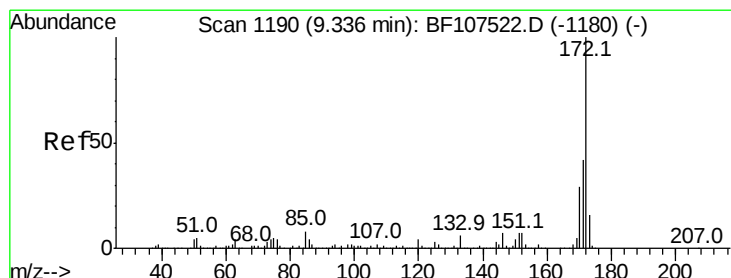
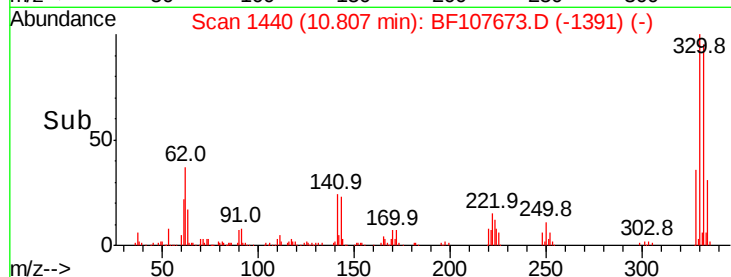
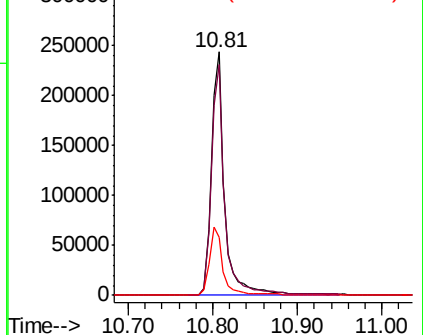


Abundance

Ion 329.80 (329.50 to 330.50): E

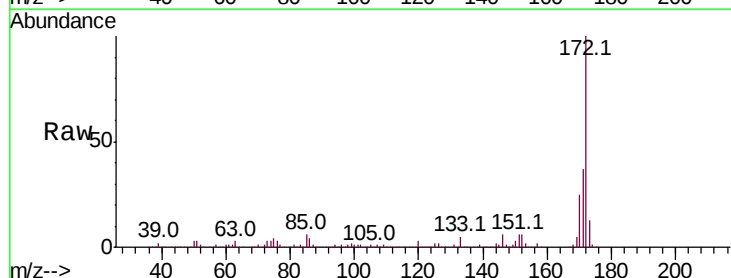
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 66.147 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107673.D
 Acq: 25 Jul 2018 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1232994		
171	37.2	29.7	44.5	
170	24.6	19.6	29.4	

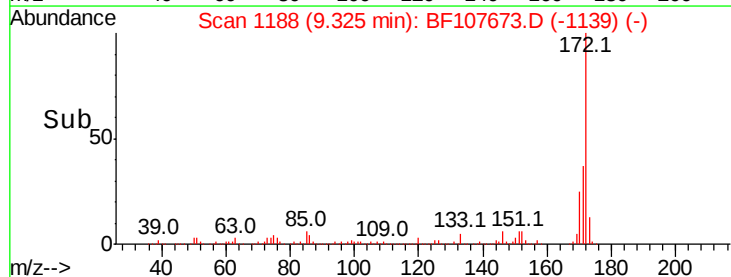
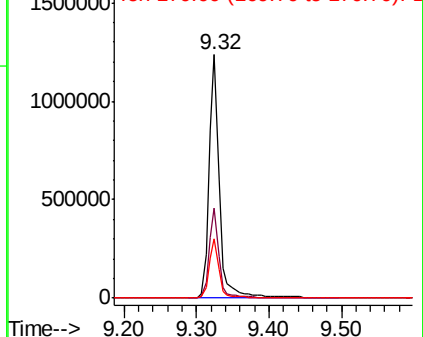


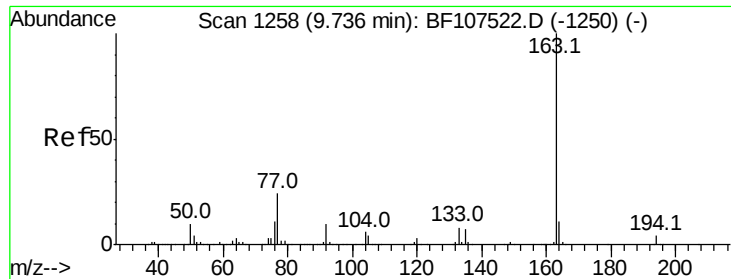
Abundance

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





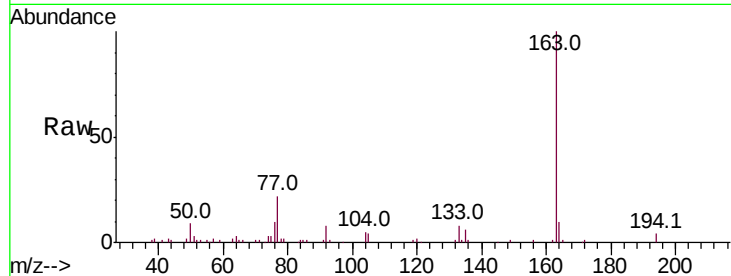
#49
Dimethylphthalate
Concen: 3.539 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107673.D
Acq: 25 Jul 2018 22:32

Instrument :
BNA_F
ClientSampleId :
PLANTER-DOC-9

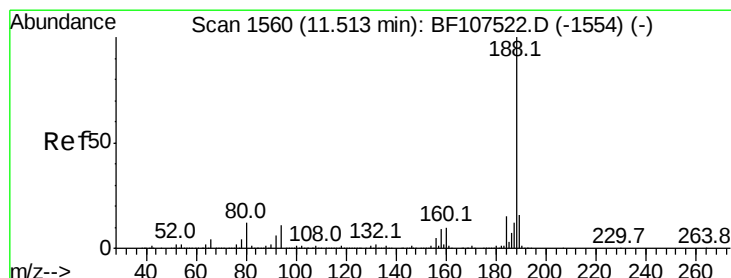
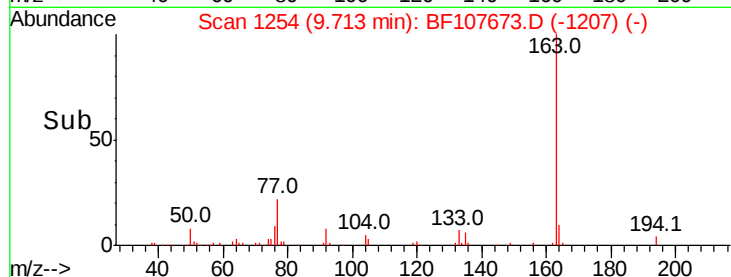
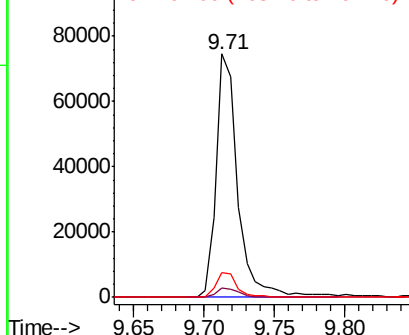
Tot Ion	Ratio	Resp	Lower	Upper
163	100	79977		
194	3.6		2.7	4.1
164	10.1		8.2	12.2

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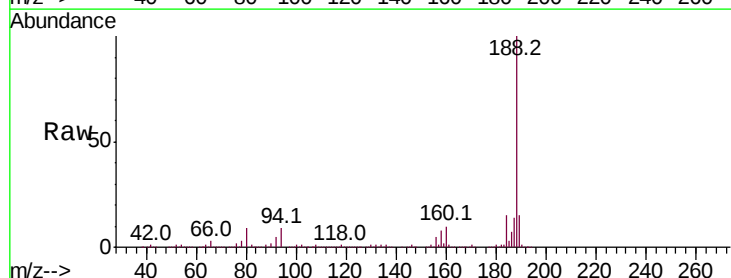


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

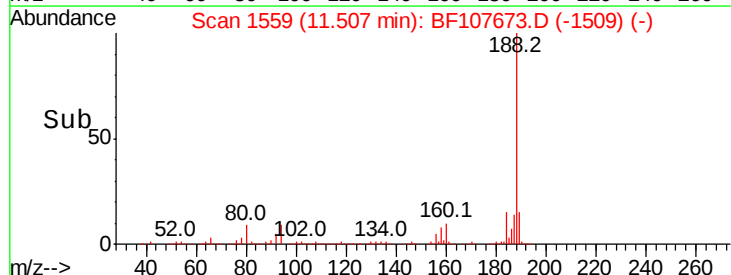
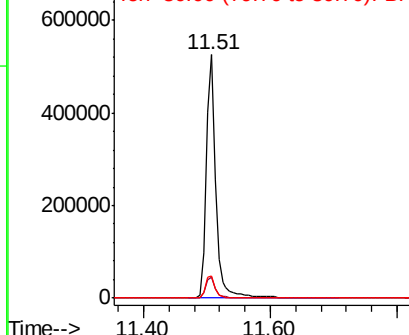


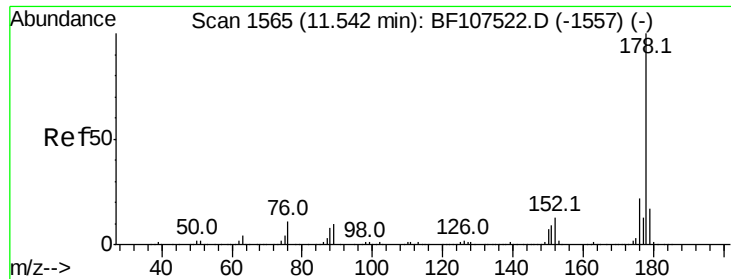
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107673.D
Acq: 25 Jul 2018 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	539399		
94	8.6		8.5	12.7
80	8.9		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





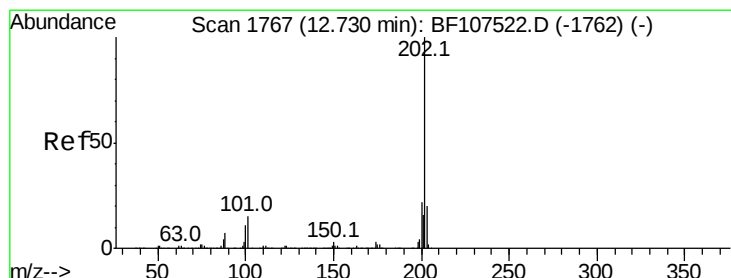
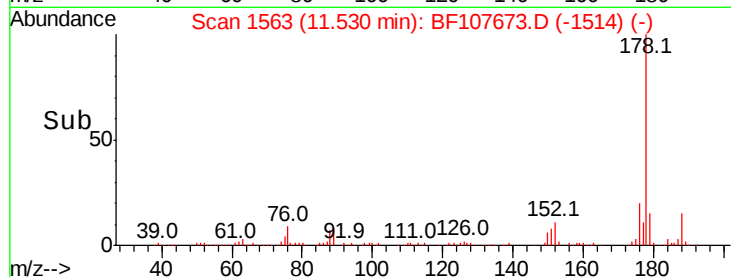
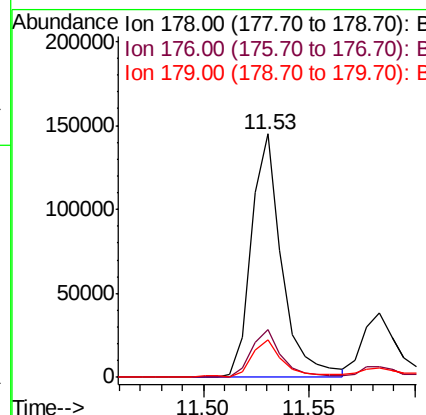
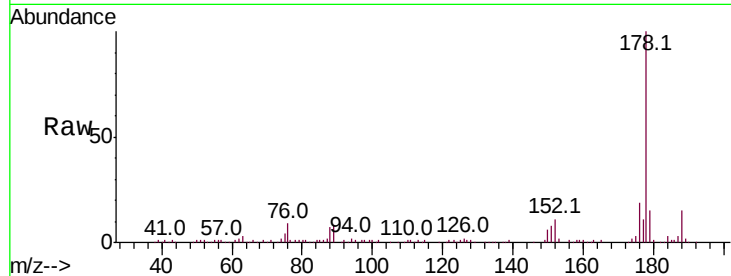
#70
Phenanthrene
Concen: 5.546 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF107673.D
Acq: 25 Jul 2018 22:32

Instrument :
BNA_F
ClientSampleId :
PLANTER-DOC-9

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.4	13.0	19.6

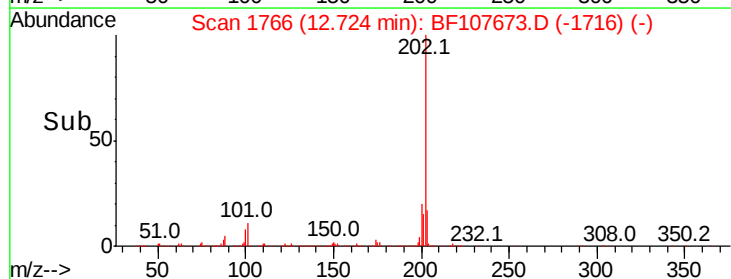
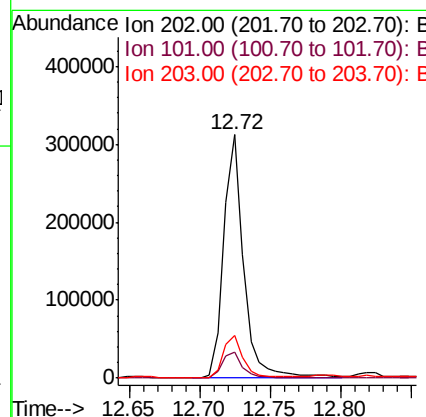
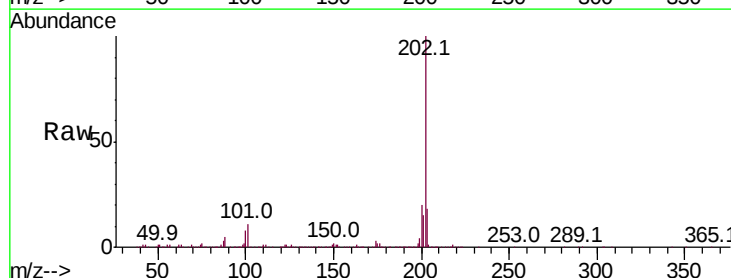
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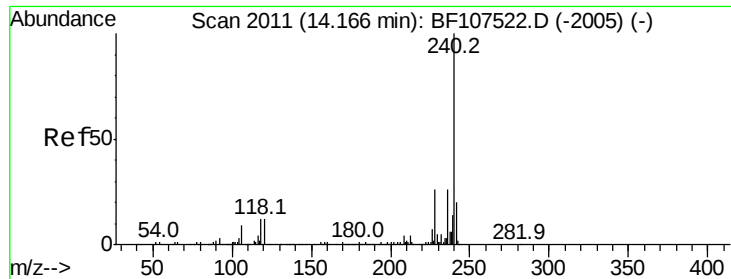
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#74
Fluoranthene
Concen: 10.899 ng
RT: 12.72 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BF107673.D
Acq: 25 Jul 2018 22:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	34.1
203	17.6	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: BF107673.D

Acq: 25 Jul 2018 22:32

Instrument :

BNA_F

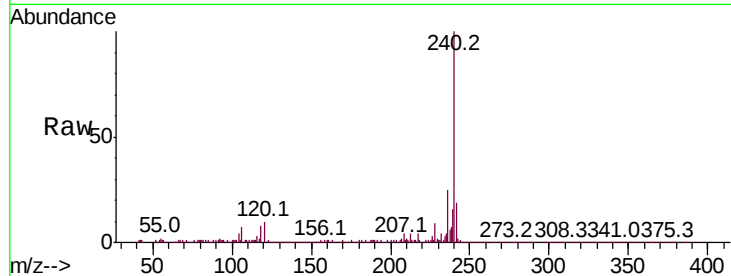
ClientSampleId :

PLANTER-DOC-9

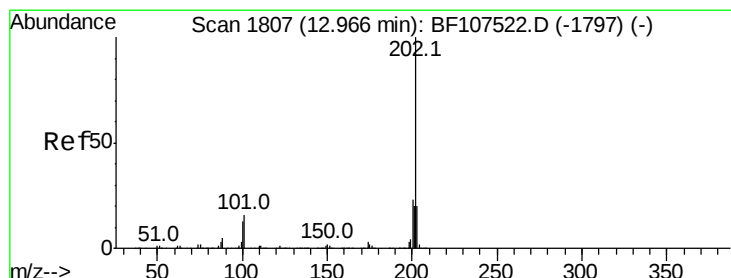
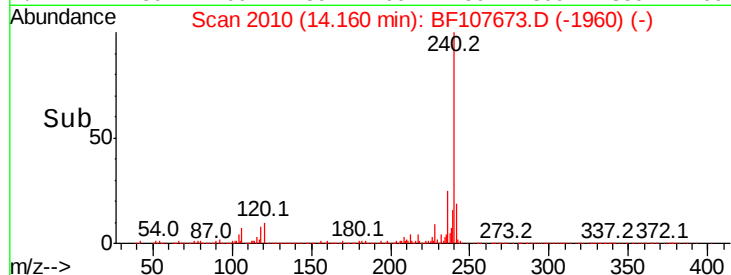
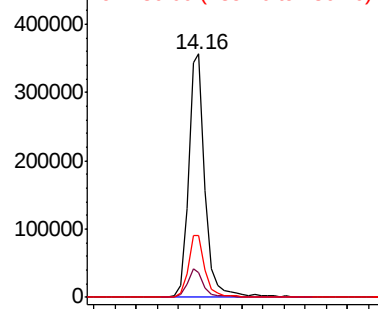
Tot Ion:	240	Resp:	390257
Ion Ratio	Lower	Upper	
240	100		
120	10.0	9.5	14.3
236	25.4	20.7	31.1

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 10.929 ng

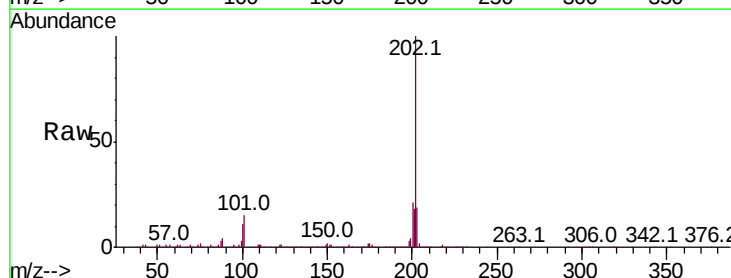
RT: 12.95 min Scan# 1805

Delta R.T. -0.01 min

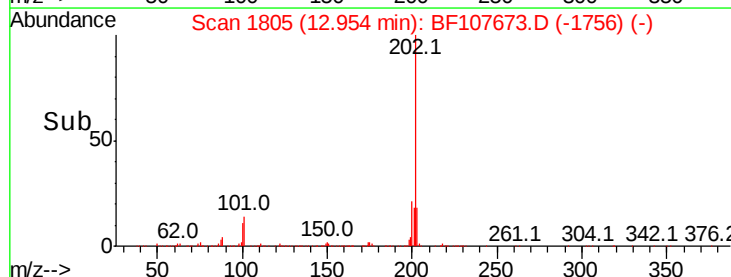
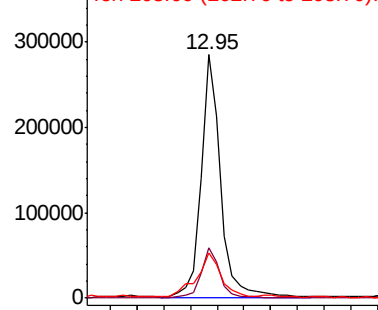
Lab File: BF107673.D

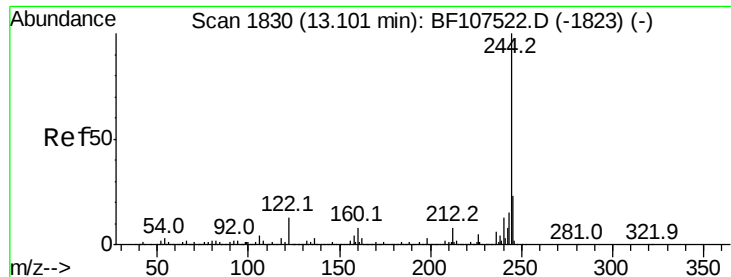
Acq: 25 Jul 2018 22:32

Tgt Ion:	202	Resp:	291750
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.4	26.2
203	18.5	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 65.084 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107673.D

Acq: 25 Jul 2018 22:32

Instrument :

BNA_F

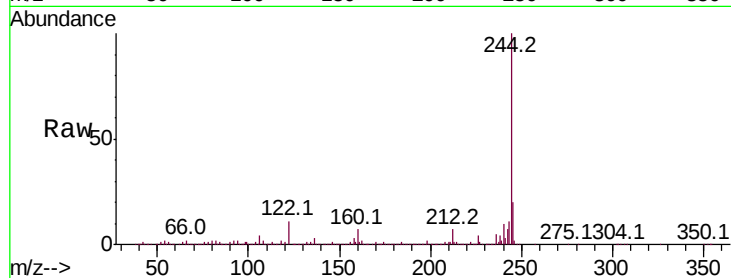
ClientSampleId :

PLANTER-DOC-9

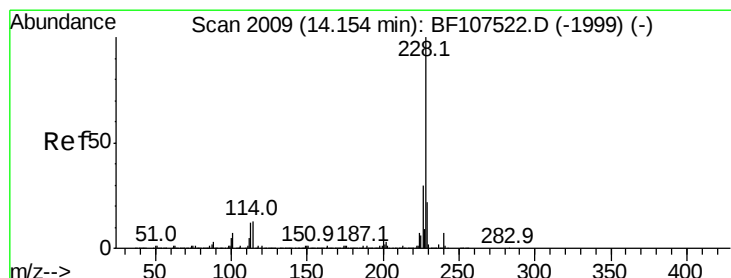
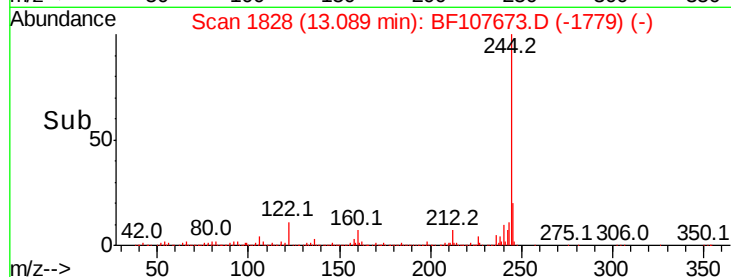
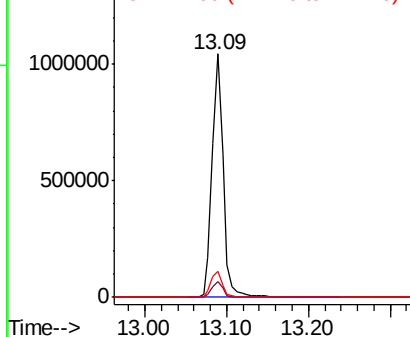
Tot Ion:	244	Resp:	992125
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.0
122	10.8	11.0	16.4

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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: 6.239 ng

RT: 14.15 min Scan# 2008

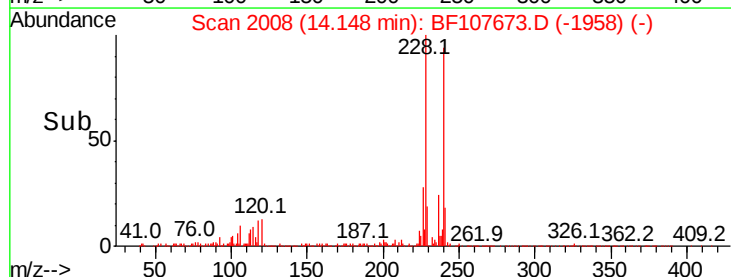
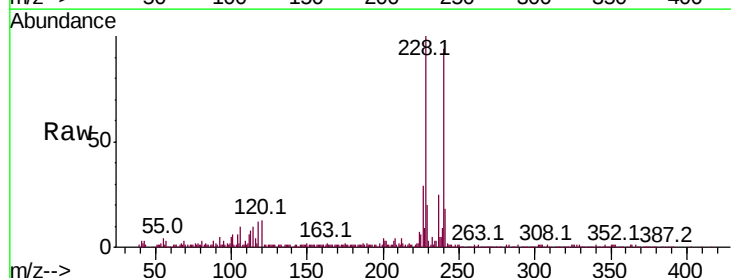
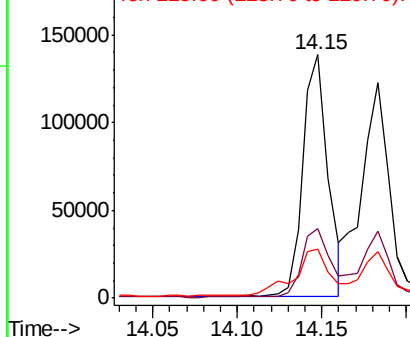
Delta R.T. -0.01 min

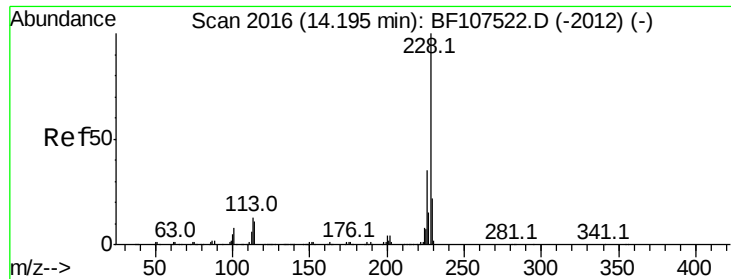
Lab File: BF107673.D

Acq: 25 Jul 2018 22:32

Tgt Ion:	228	Resp:	142677
Ion Ratio	Lower	Upper	
228	100		
226	28.7	22.6	33.8
229	19.9	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





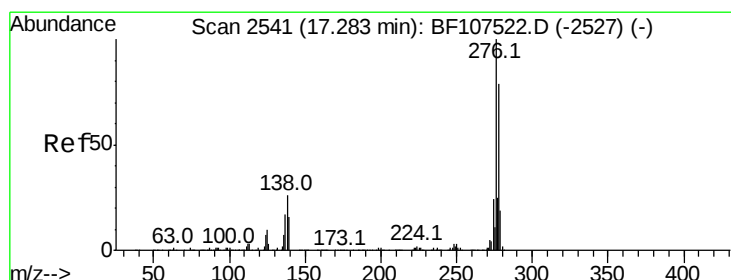
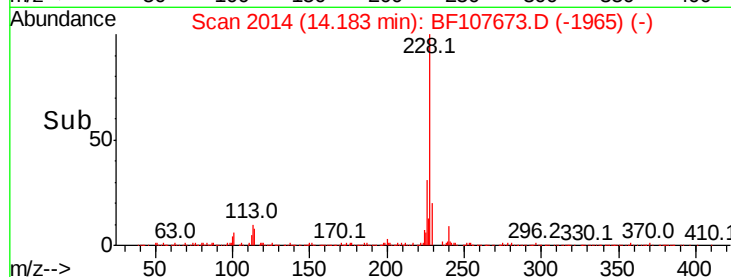
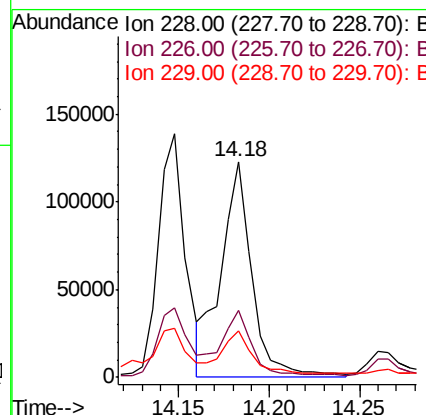
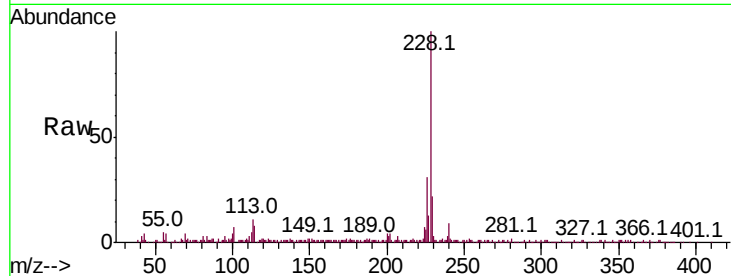
#82
Chrysene
Concen: 6.759 ng/ml
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF107673.D
Acq: 25 Jul 2018 22:32

Instrument :
BNA_F
ClientSampleId :
PLANTER-DOC-9

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	21.6	16.2	24.4

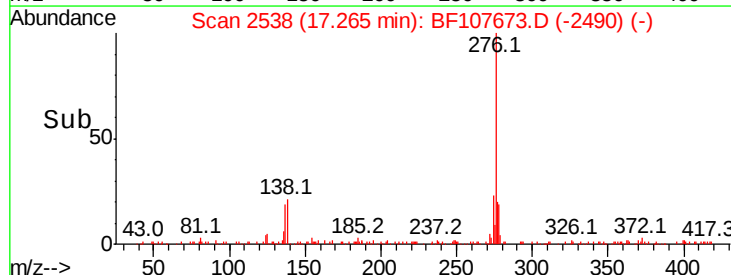
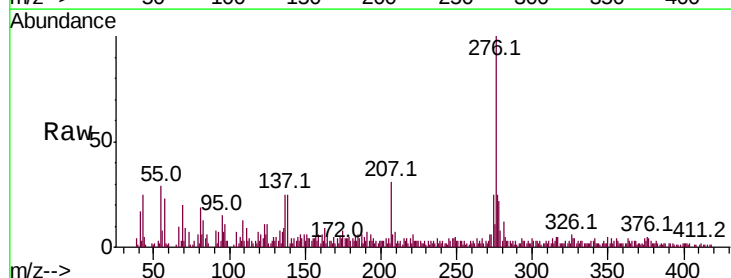
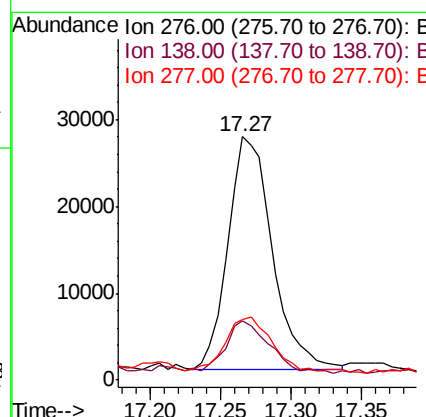
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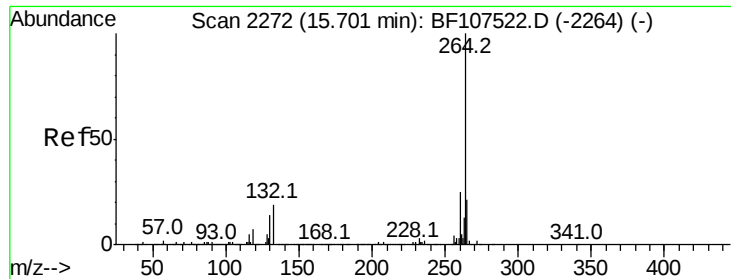
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.131 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BF107673.D
Acq: 25 Jul 2018 22:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	25.0	37.6#
277	26.9	20.1	30.1





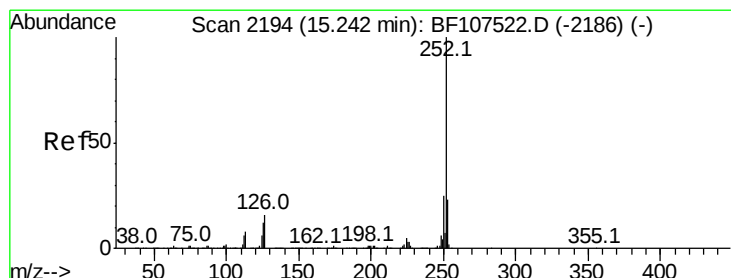
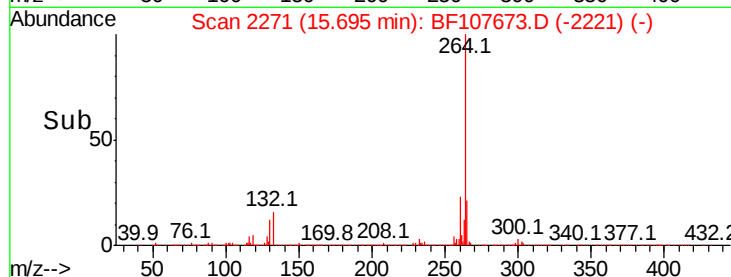
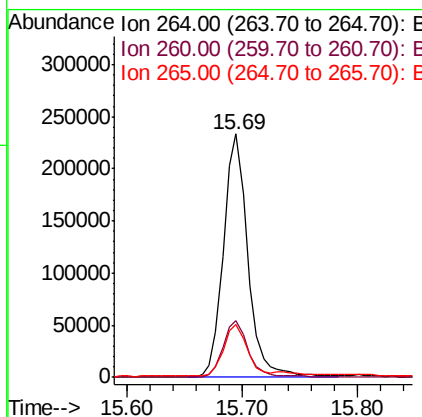
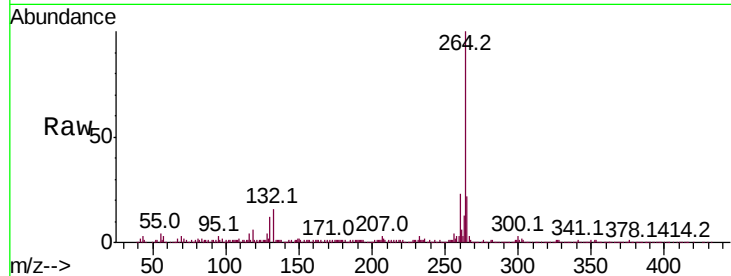
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107673.D
Acq: 25 Jul 2018 22:32

Instrument :
BNA_F
ClientSampleId :
PLANTER-DOC-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.7	17.5	26.3

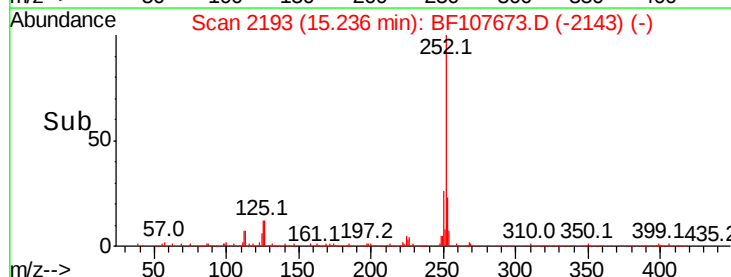
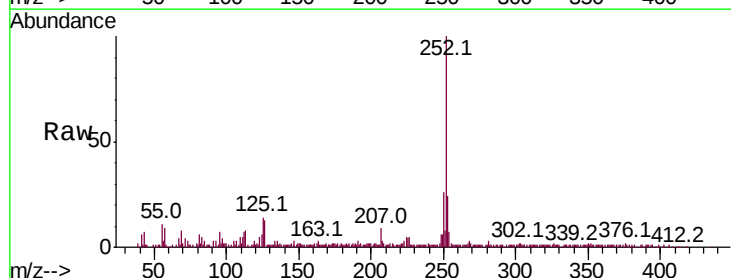
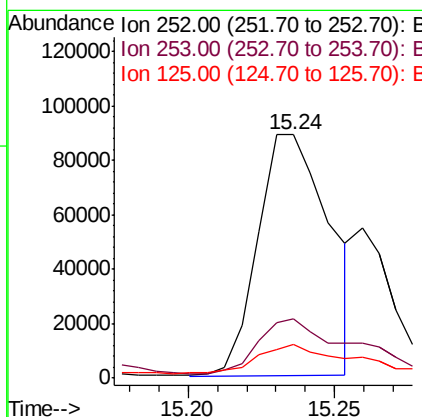
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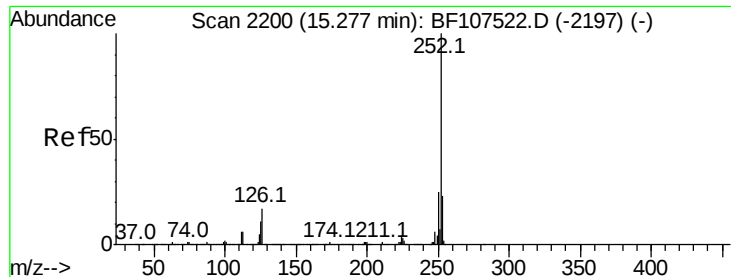
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#87
Benzo(b)fluoranthene
Concen: 8.125 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF107673.D
Acq: 25 Jul 2018 22:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.6
125	14.0	9.0	13.6





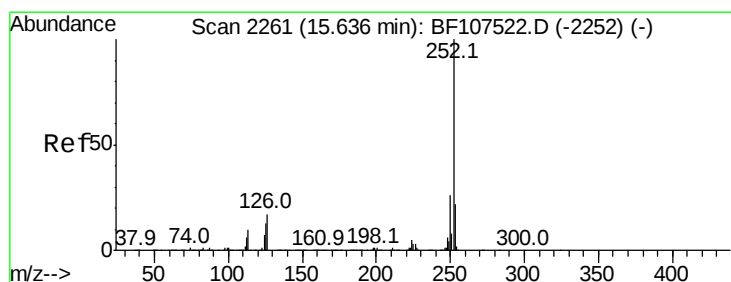
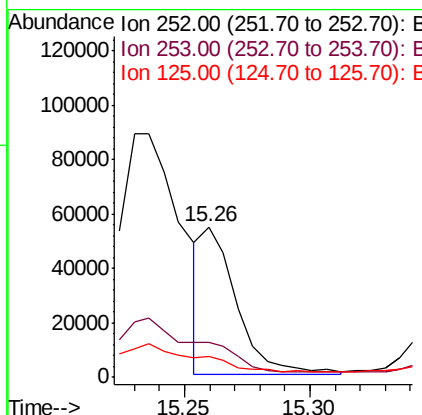
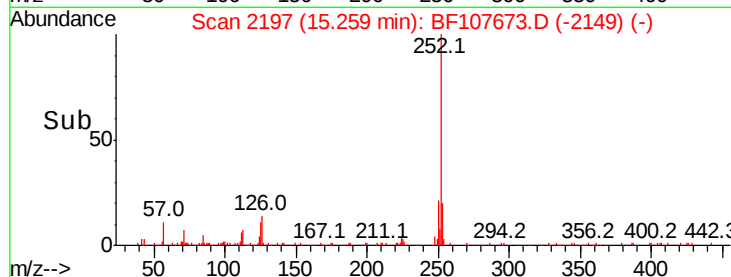
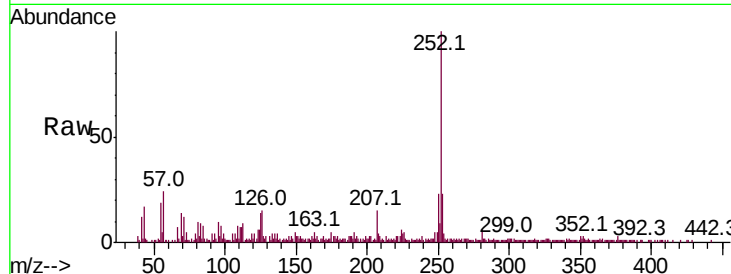
#88
Benzo(k)fluoranthene
Concen: 2.847 ng m
RT: 15.26 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF107673.D
Acq: 25 Jul 2018 22:32

Instrument :
BNA_F
ClientSampleId :
PLANTER-DOC-9

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	14.1	10.2	15.2

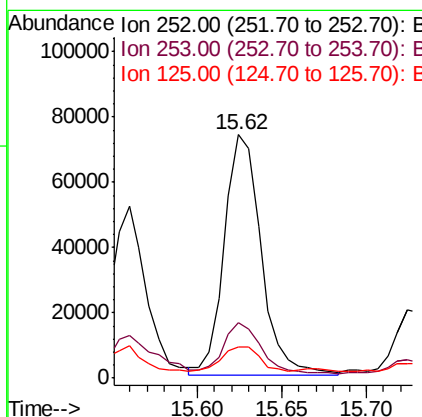
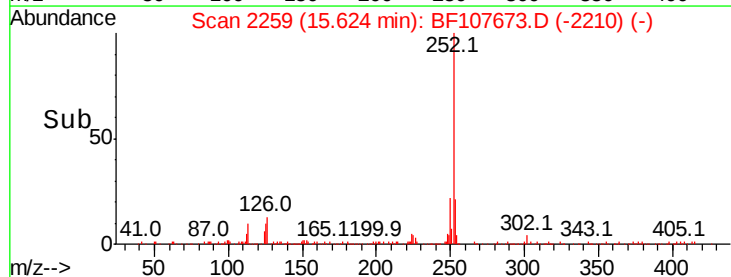
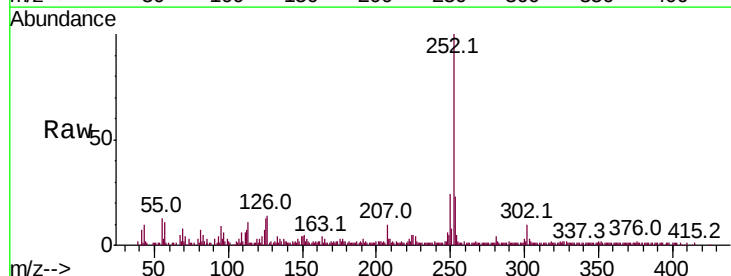
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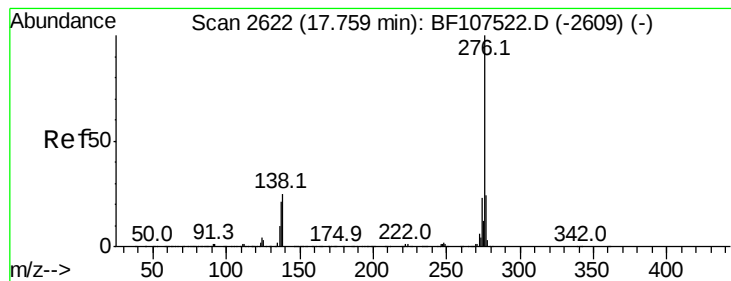
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#89
Benzo(a)pyrene
Concen: 6.556 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF107673.D
Acq: 25 Jul 2018 22:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	13.0	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 4.326 ng
 RT: 17.75 min Scan# 2620
 Delta R.T. -0.01 min
 Lab File: BF107673.D
 Acq: 25 Jul 2018 22:32

Instrument :
 BNA_F
 ClientSampleId :
 PLANTER-DOC-9

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.8	17.9	26.9
138	22.9	21.8	32.8

Manual Integrations
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