

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107669.D
 Acq On : 25 Jul 2018 20:44
 Operator : JU/SJ
 Sample : J4031-04 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PLANTER-DOC-4

Manual Integrations
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Quant Time: Jul 26 11:03:28 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	202379	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	798475	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	311393	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	570895	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	431608	20.00	ng	-0.01
86) Perylene-d12	15.69	264	383676	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	505847	40.19	ng	-0.01
7) Phenol-d6	6.60	99	693722	45.90	ng	-0.02
23) Nitrobenzene-d5	7.53	82	391513	33.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	163996	46.31	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	765929	34.64	ng	-0.02
78) Terphenyl-d14	13.08	244	612283	36.32	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.71	163	65208	2.779	ng	98
74) Fluoranthene	12.72	202	122258	4.095	ng	95
77) Pyrene	12.95	202	107463m	3.640	ng	
82) Chrysene	14.18	228	54116	2.227	ng	99
87) Benzo(b)fluoranthene	15.23	252	56361m	2.684	ng	

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

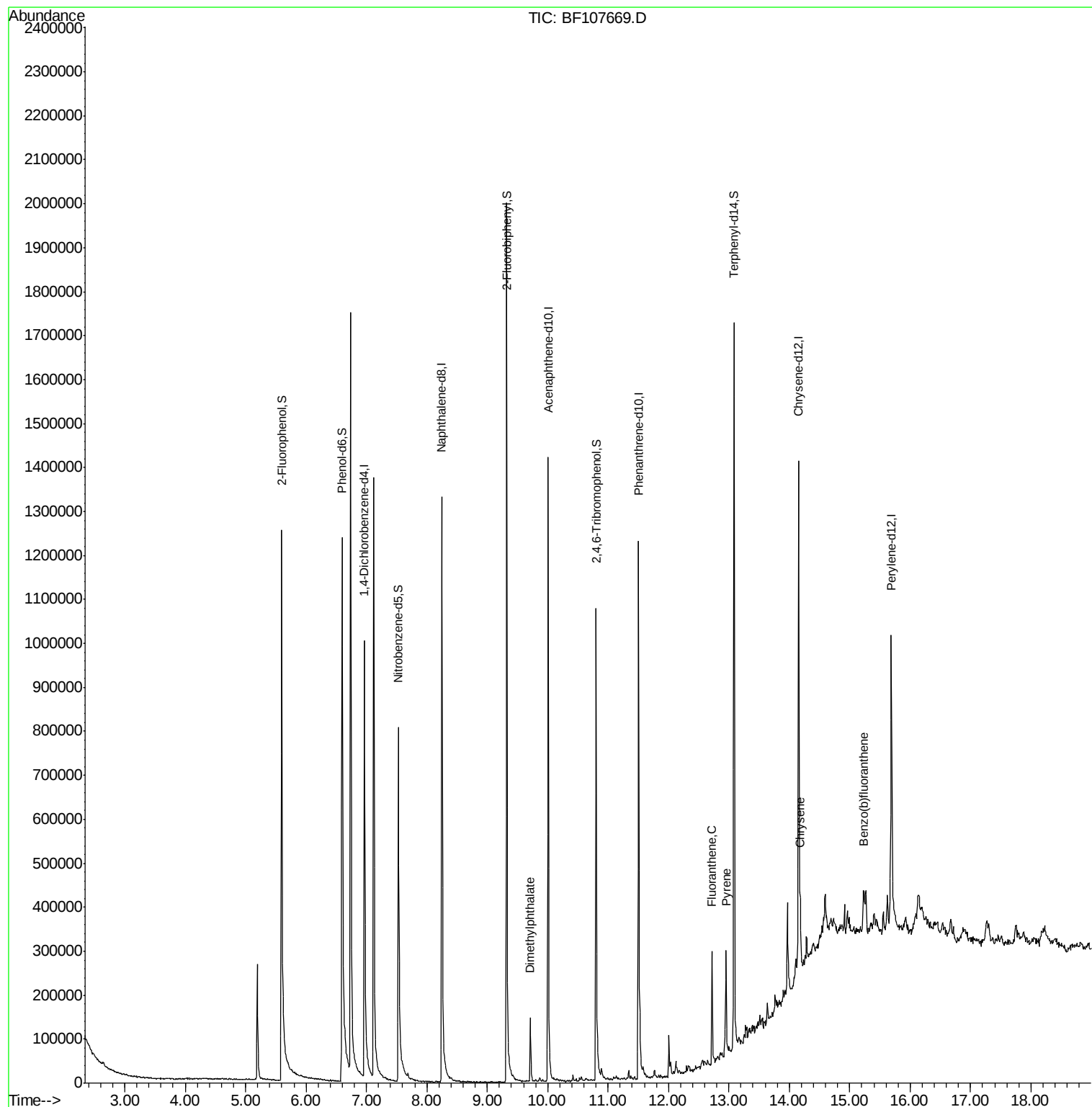
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
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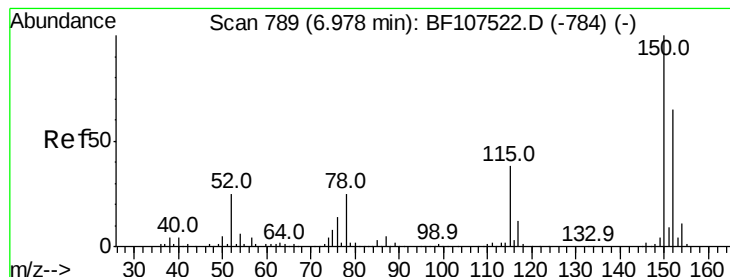
Instrument :
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#1

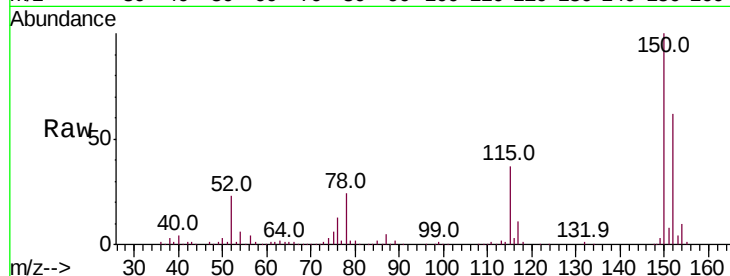
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	60.1	50.1	75.1

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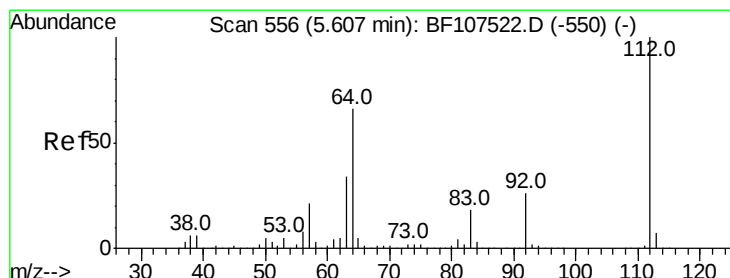
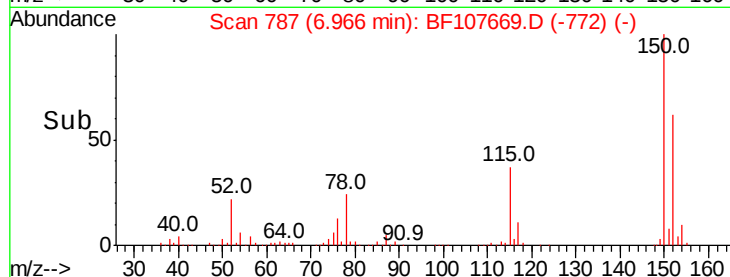
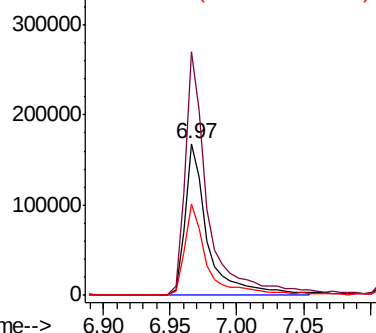


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

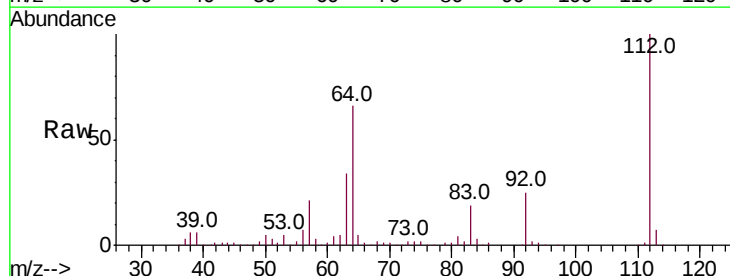
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 40.187 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	47.9	71.9
63	34.2	23.7	35.5

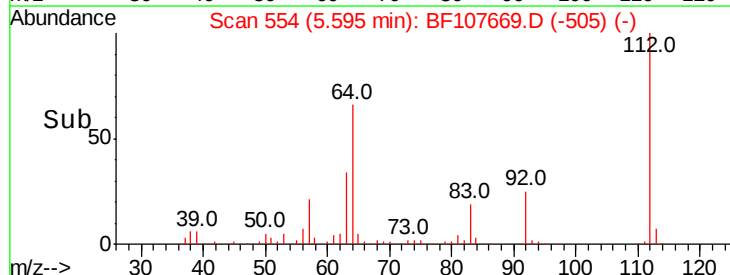
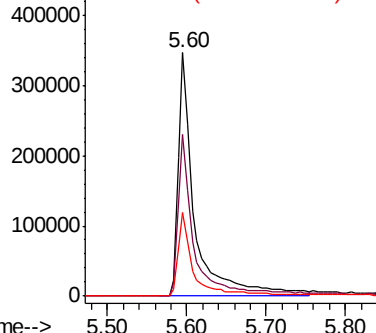


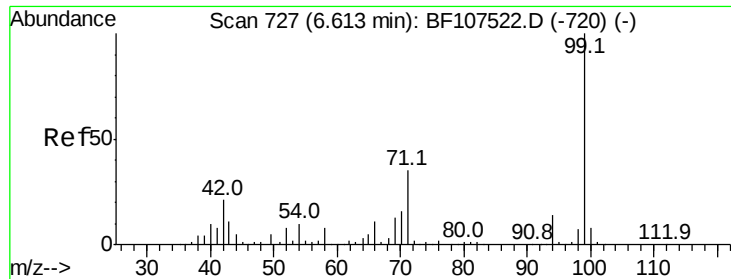
Abundance

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: 45.899 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107669.D

Acq: 25 Jul 2018 20:44

Instrument :

BNA_F

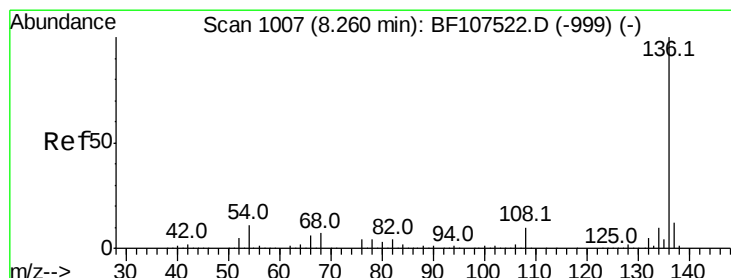
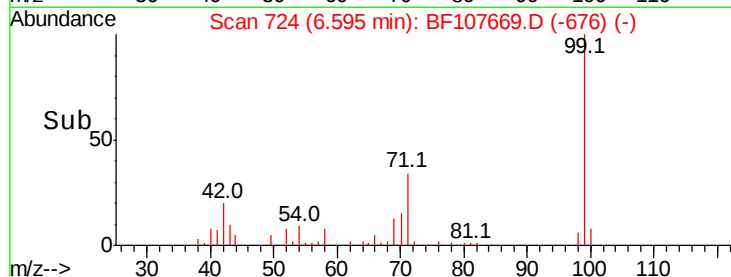
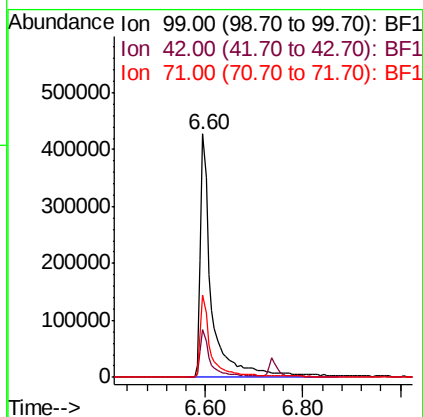
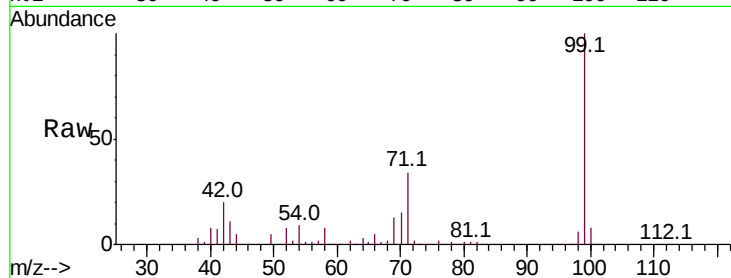
ClientSampleId :

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Tot Ion:	99	Resp:	693722
Ion Ratio	Lower	Upper	
99	100		
42	19.6	14.5	21.7
71	33.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

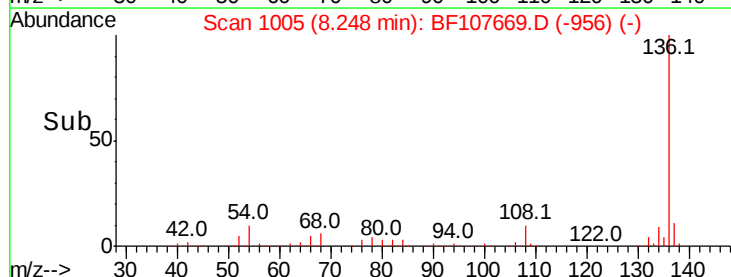
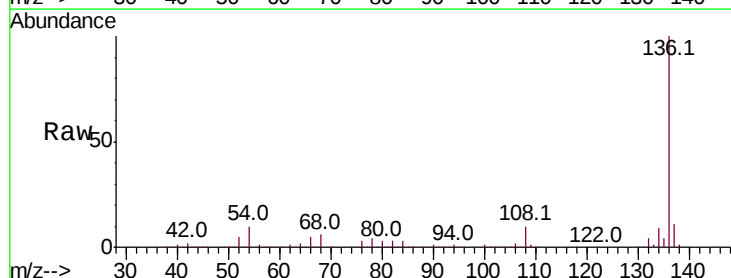
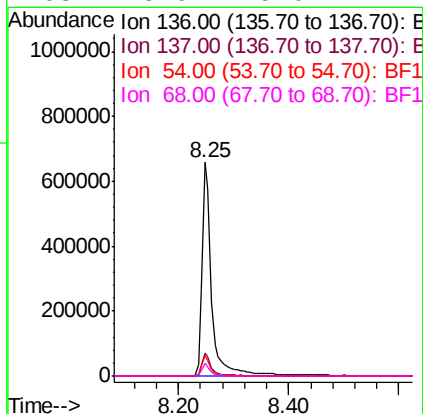
RT: 8.25 min Scan# 1005

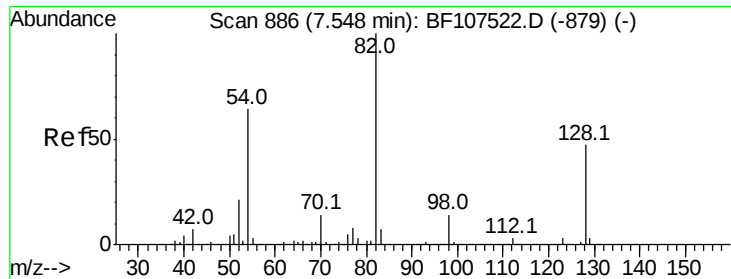
Delta R.T. -0.01 min

Lab File: BF107669.D

Acq: 25 Jul 2018 20:44

Tgt Ion:	136	Resp:	798475
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	9.9	6.6	9.8#
68	5.9	5.0	7.4





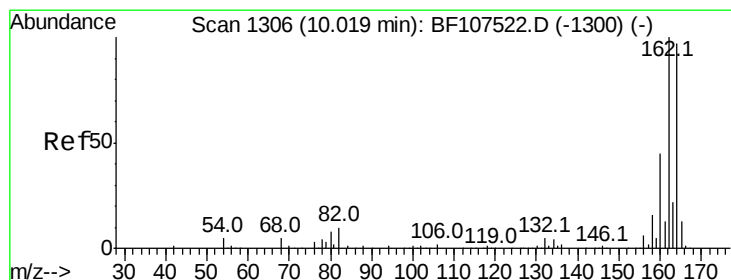
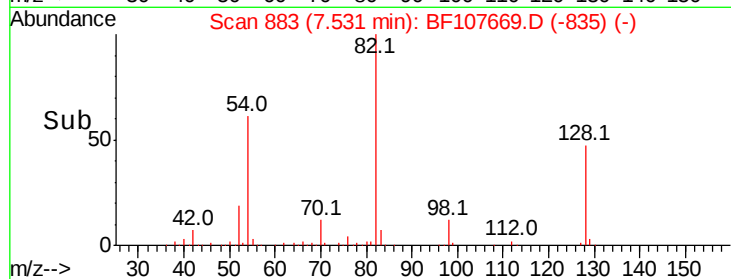
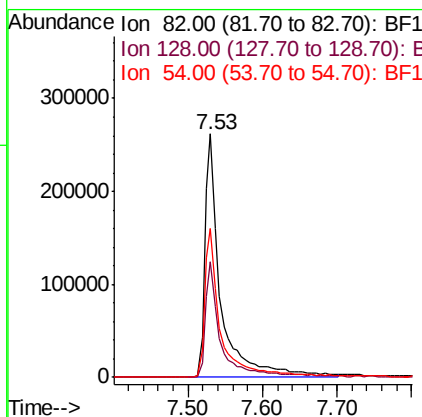
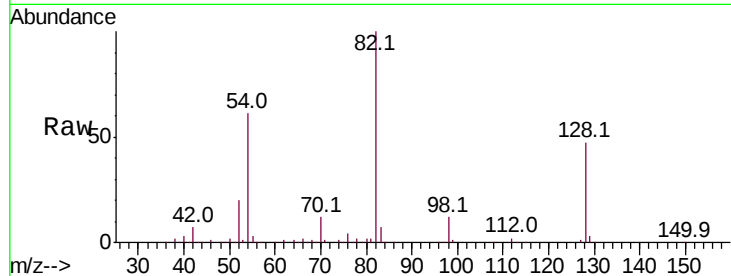
#23
Nitrobenzene-d5
Concen: 33.091 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	61.3	41.4	62.2

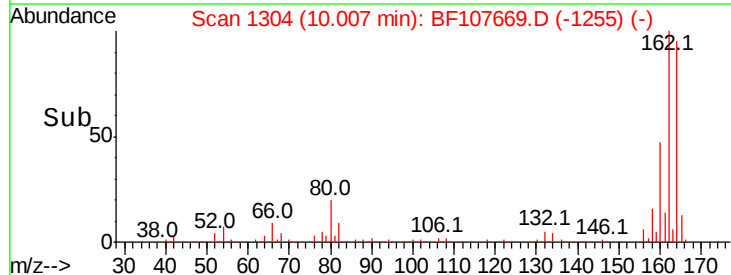
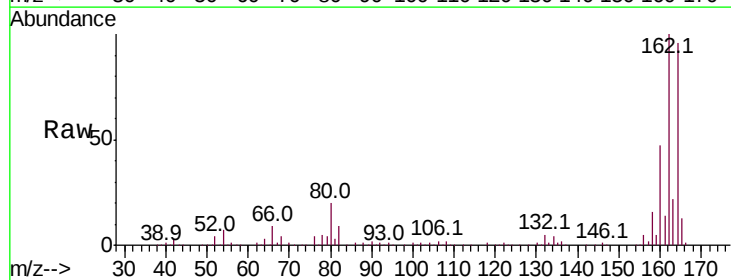
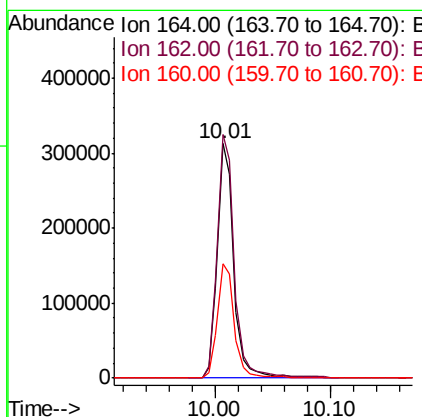
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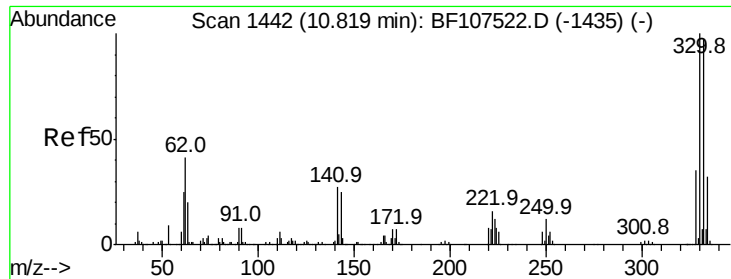
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	48.6	38.3	57.5





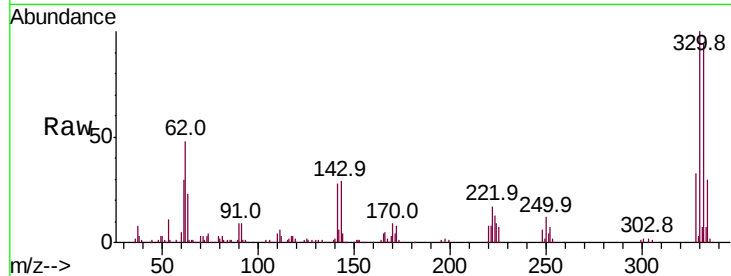
#41
 2,4,6-Tribromophenol
 Concen: 46.313 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107669.D
 Acq: 25 Jul 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 PLANTER-DOC-4

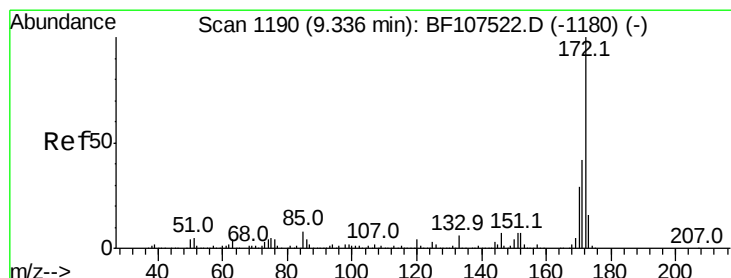
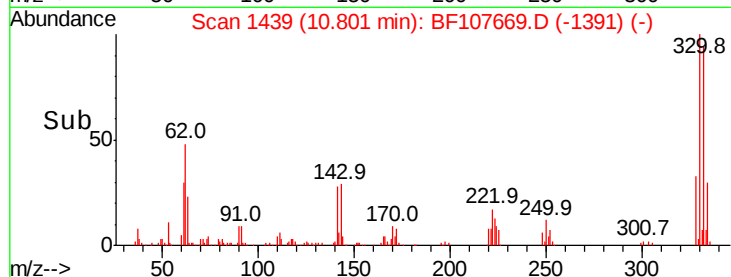
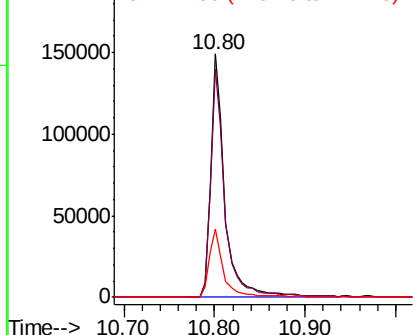
Tot Ion	Ratio	Resp	Lower	Upper
330	100	163996		
332	95.7	77.0	115.6	
141	28.3	29.9	44.9#	

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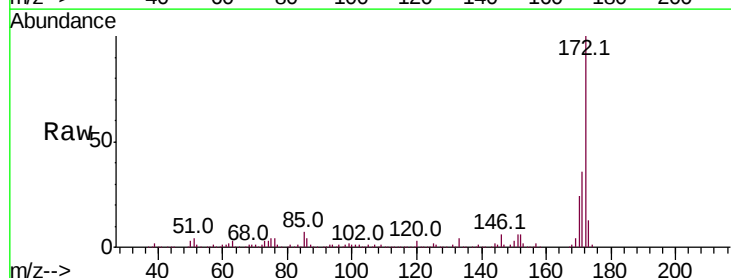


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

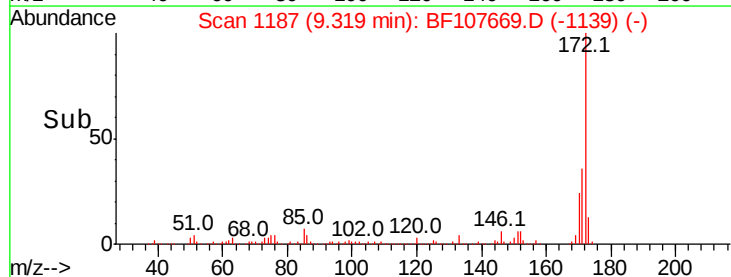
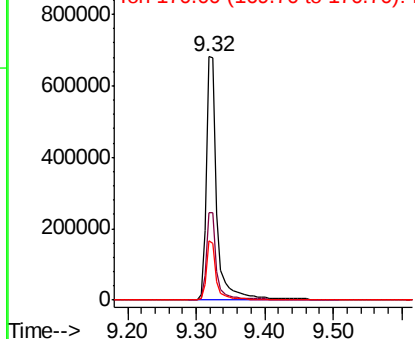


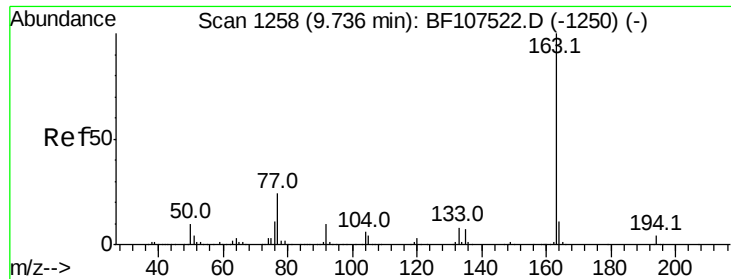
#44
 2-Fluorobiphenyl
 Concen: 34.642 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107669.D
 Acq: 25 Jul 2018 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	765929		
171	36.0	29.7	44.5	
170	24.2	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





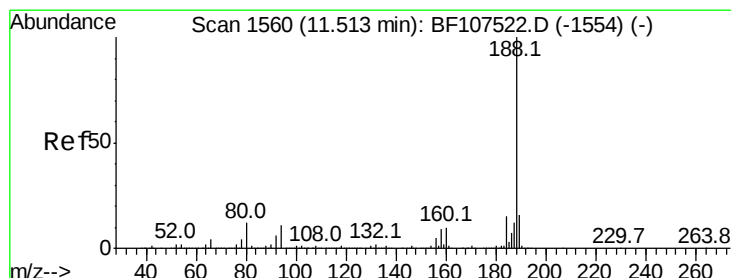
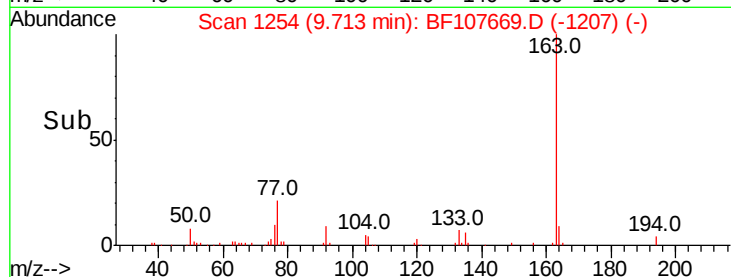
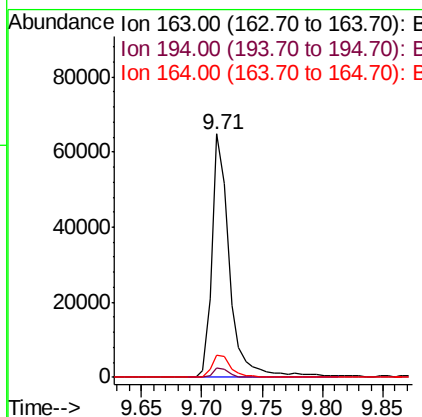
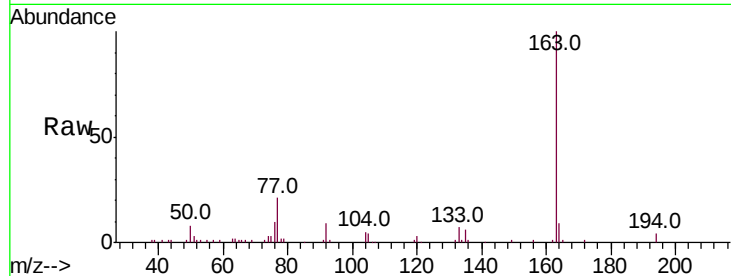
#49
 Dimethylphthalate
 Concen: 2.779 ng
 RT: 9.71 min Scan# 1254
 Delta R.T. -0.02 min
 Lab File: BF107669.D
 Acq: 25 Jul 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:	163	Resp:	65208
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.7	4.1
164	9.2	8.2	12.2

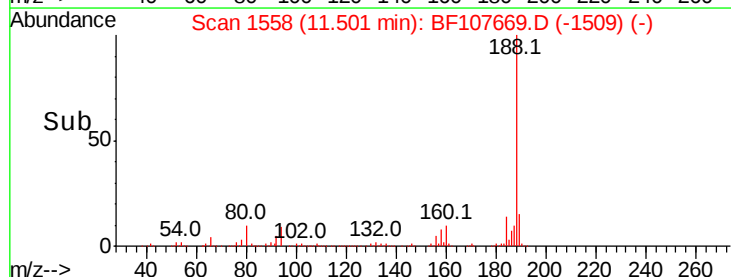
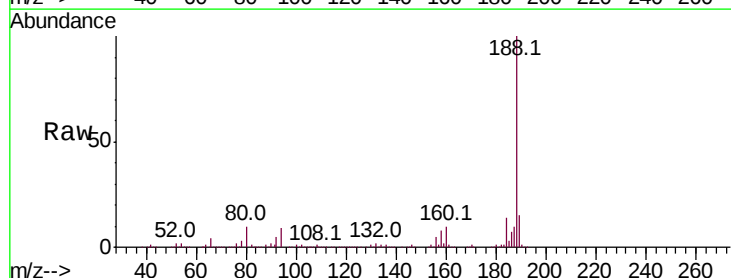
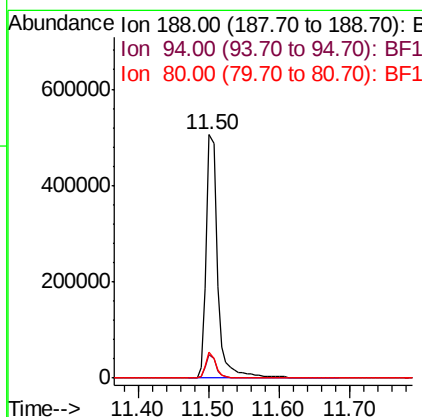
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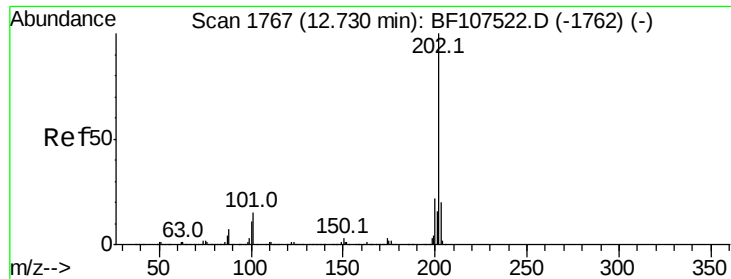
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF107669.D
 Acq: 25 Jul 2018 20:44

Tgt Ion:	188	Resp:	570895
Ion Ratio	Lower	Upper	
188	100		
94	9.4	8.5	12.7
80	10.5	9.2	13.8





#74

Fluoranthene

Concen: 4.095 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF107669.D

Acq: 25 Jul 2018 20:44

Instrument :

BNA_F

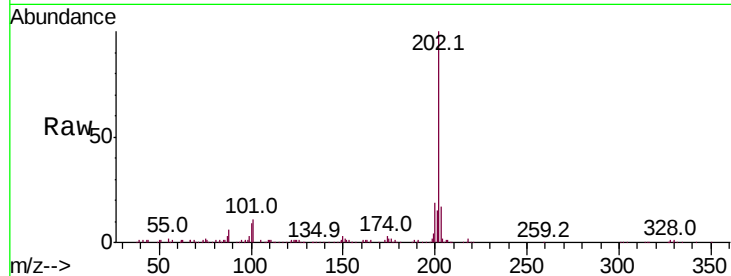
ClientSampleId :

PLANTER-DOC-4

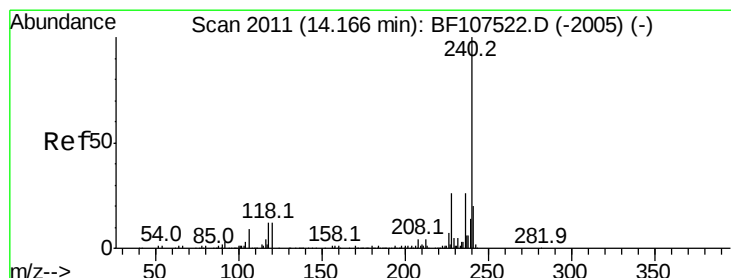
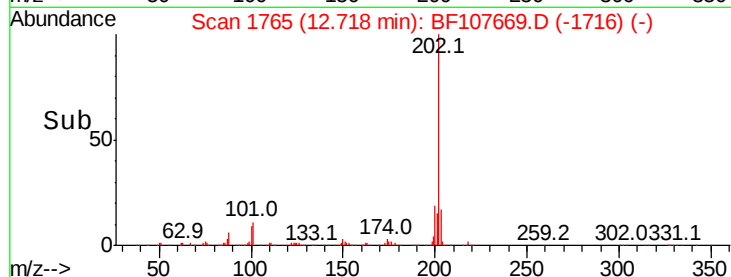
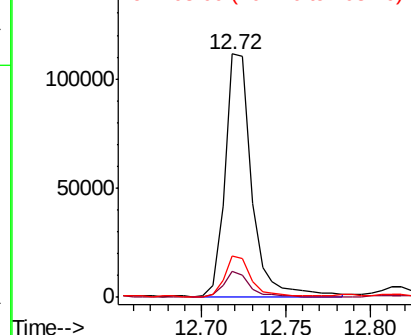
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	0.0	34.1
203	16.9	0.0	38.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

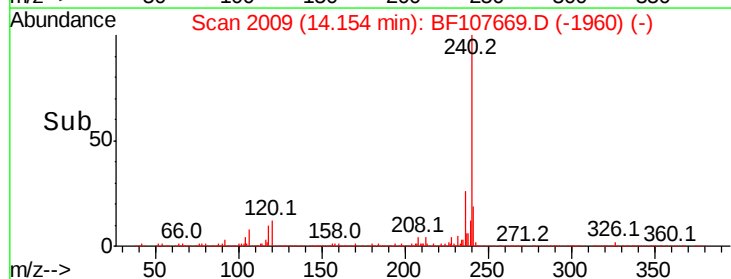
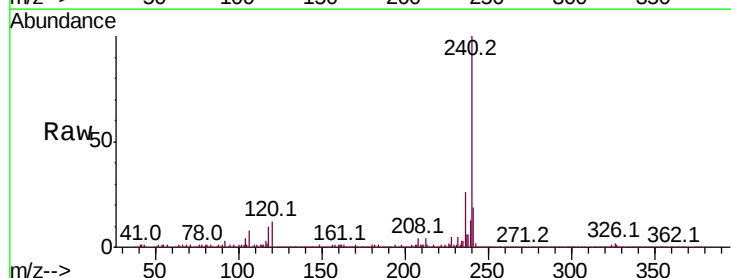
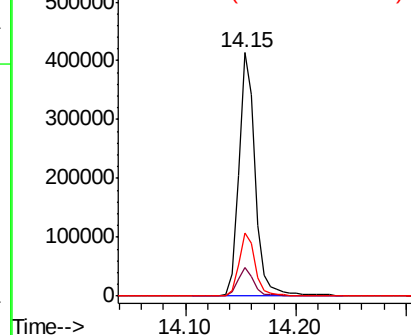
Delta R.T. -0.01 min

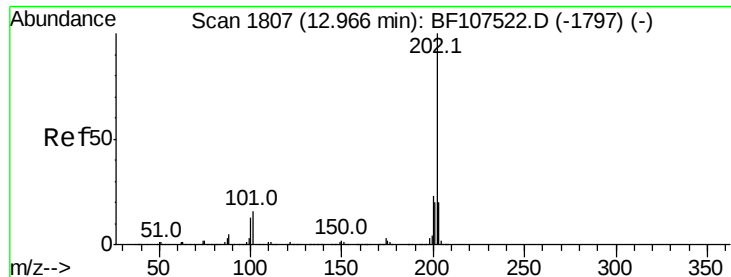
Lab File: BF107669.D

Acq: 25 Jul 2018 20:44

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.6	9.5	14.3
236	26.0	20.7	31.1

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

Pvrene

Concen: 3.640 ng/mL

RT: 12.95 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF107669.D

Acq: 25 Jul 2018 20:44

Instrument :

BNA_F

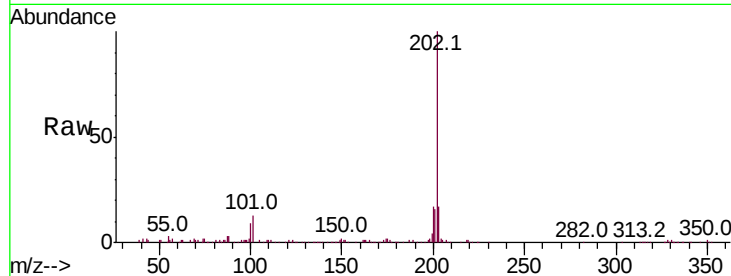
ClientSampleId :

PLANTER-DOC-4

Tot Ion:	202	Resp:	107463
Ion Ratio	Lower	Upper	
202	100		
200	17.3	17.4	26.2#
203	17.2	14.3	21.5

Manual Integrations
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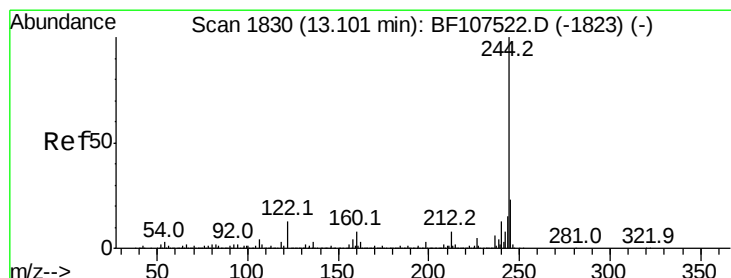
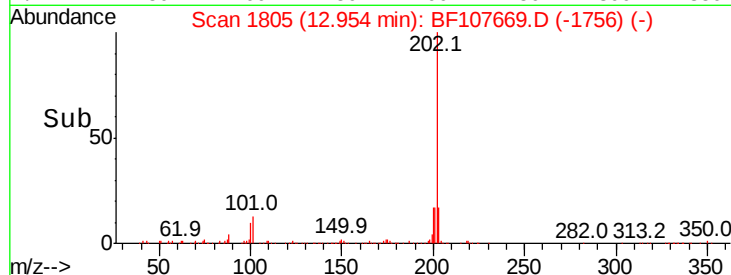
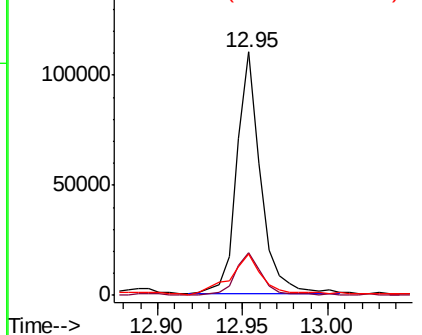
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 36.318 ng/mL

RT: 13.08 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF107669.D

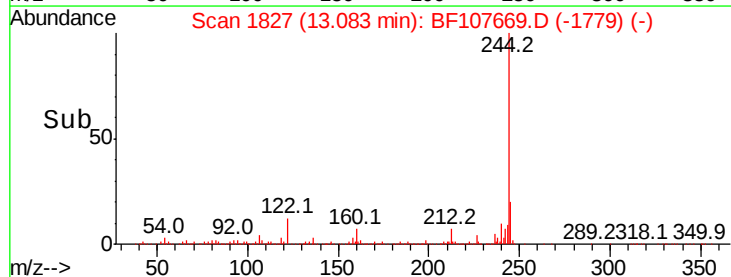
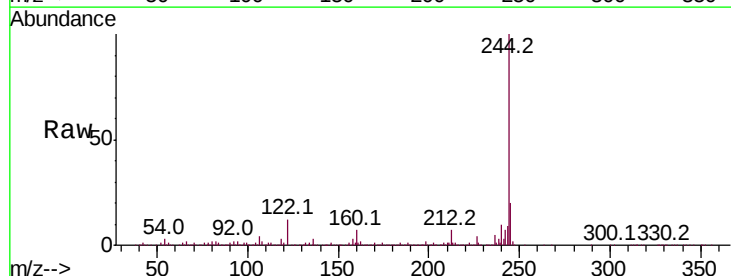
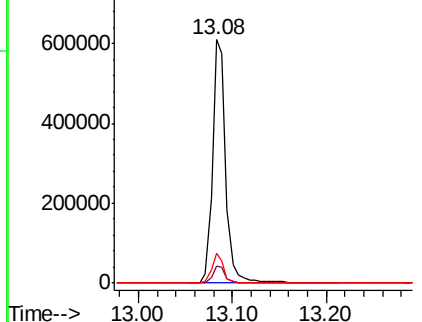
Acq: 25 Jul 2018 20:44

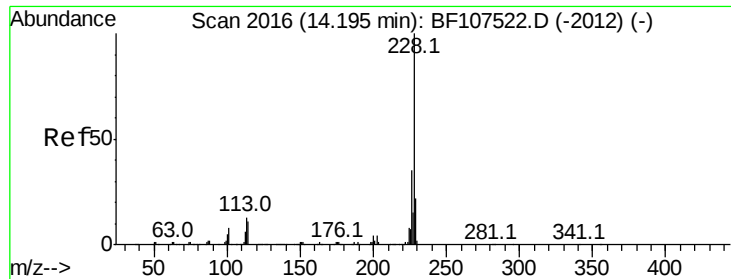
Tgt Ion:	244	Resp:	612283
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	12.2	11.0	16.4

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





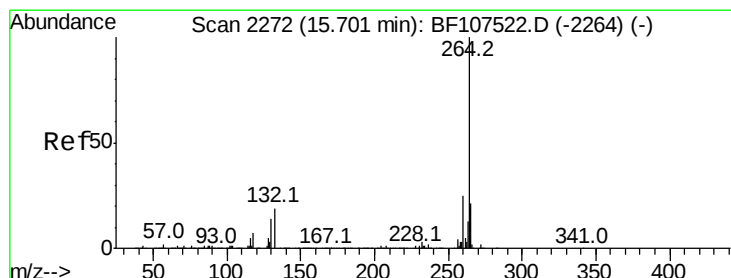
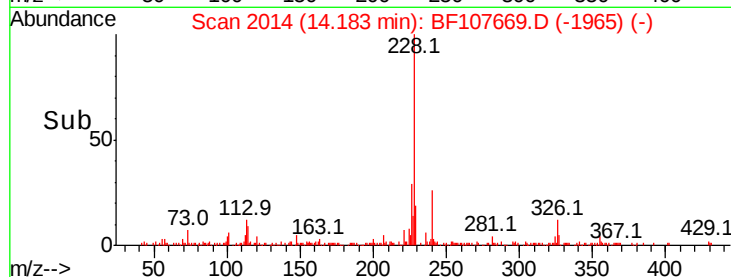
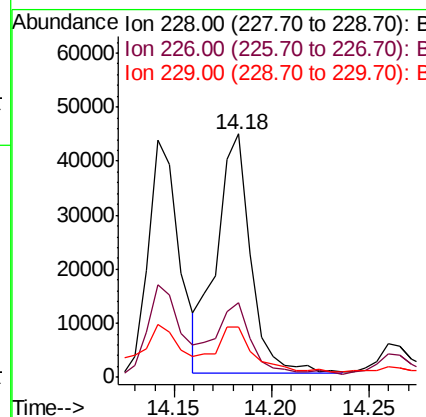
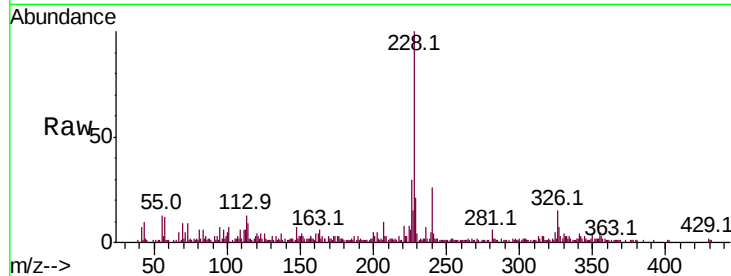
#82
Chrysene
Concen: 2.227 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Instrument :
BNA_F
ClientSampleId :
PLANTER-DOC-4

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.9	16.2	24.4

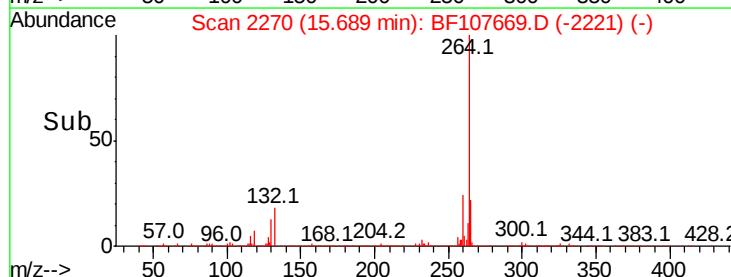
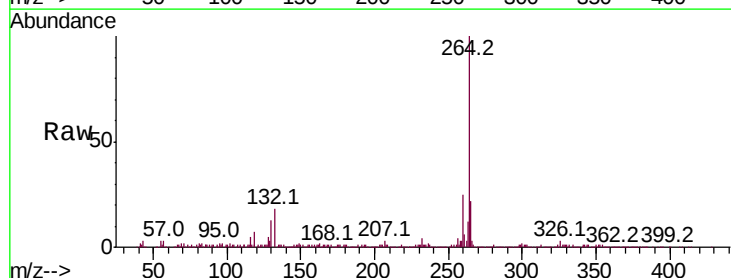
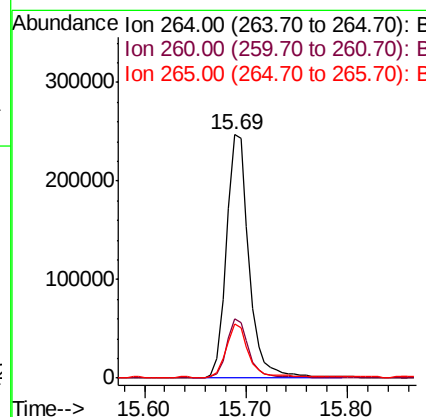
Manual Integrations
APPROVED

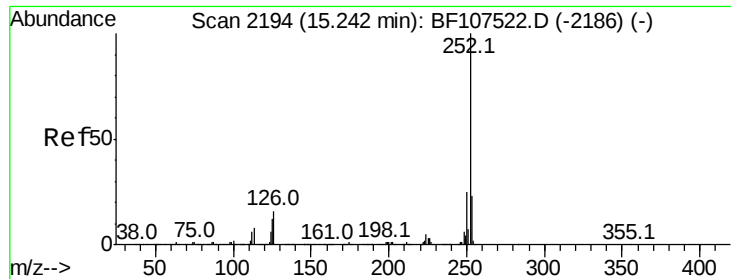
Sohil
7/26/2018 2:01:58 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF107669.D
Acq: 25 Jul 2018 20:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.0	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.684 ng m
 RT: 15.23 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BF107669.D
 Acq: 25 Jul 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 PLANTER-DOC-4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	18.1	9.0	13.6

Manual Integrations
 APPROVED

Sohil
 7/26/2018 2:01:58 PM

