

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
 Data File : BF107587.D
 Acq On : 23 Jul 2018 14:51
 Operator : JU/SJ
 Sample : J4062-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Manual Integrations
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Quant Time: Jul 24 14:27:41 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	332537	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1299284	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	554551	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	954541	20.00	ng	0.00
75) Chrysene-d12	14.16	240	740268	20.00	ng	0.00
86) Perylene-d12	15.70	264	785291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1613707	78.02	ng	0.00
7) Phenol-d6	6.61	99	1953332	78.65	ng	0.00
23) Nitrobenzene-d5	7.54	82	1265204	65.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	516175	81.85	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1938249	53.74	ng	0.00
78) Terphenyl-d14	13.09	244	1509228	52.19	ng	0.00
Target Compounds						
10) Phenol	6.62	94	62568	2.142	ng	Qvalue # 60
49) Dimethylphthalate	9.72	163	178592	4.273	ng	99
74) Fluoranthene	12.73	202	182450	3.655	ng	93
77) Pyrene	12.96	202	165681	3.272	ng	96
80) Benzo(a)anthracene	14.15	228	110077	2.537	ng	99
82) Chrysene	14.19	228	103321	2.479	ng	96
87) Benzo(b)fluoranthene	15.24	252	120963m	2.815	ng	
89) Benzo(a)pyrene	15.63	252	85469	2.174	ng	95

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

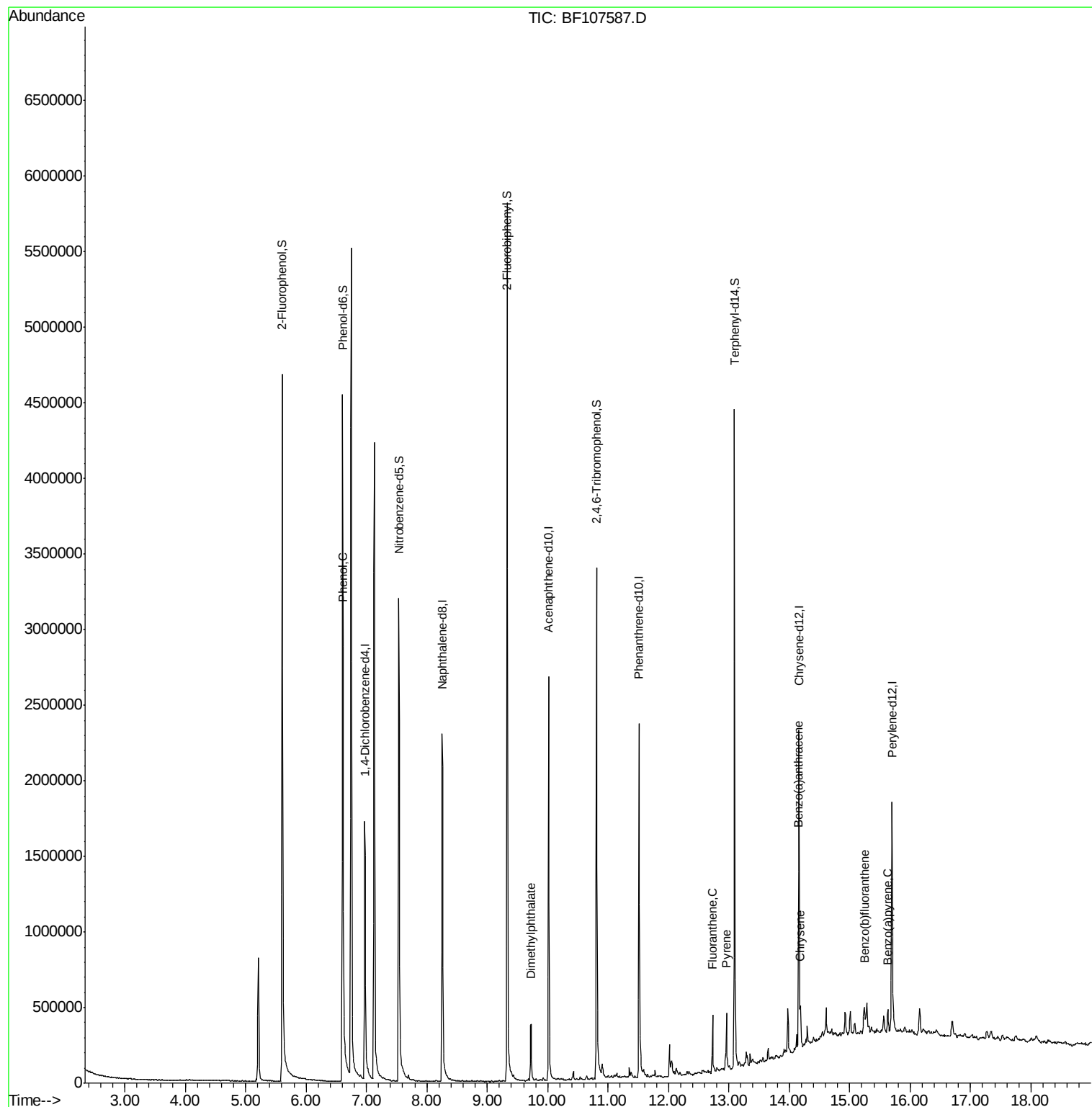
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
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ALS Vial : 9 Sample Multiplier: 1

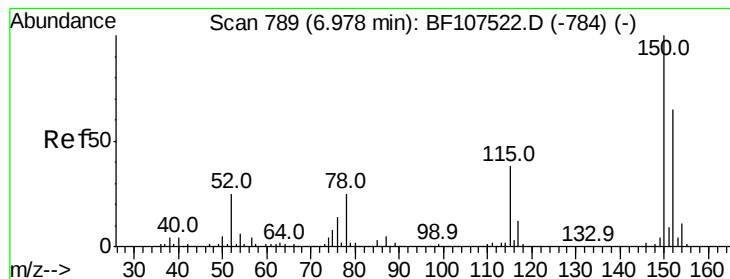
Instrument :
BNA_F
ClientSampleId :
TP-8

Quant Time: Jul 24 14:27:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
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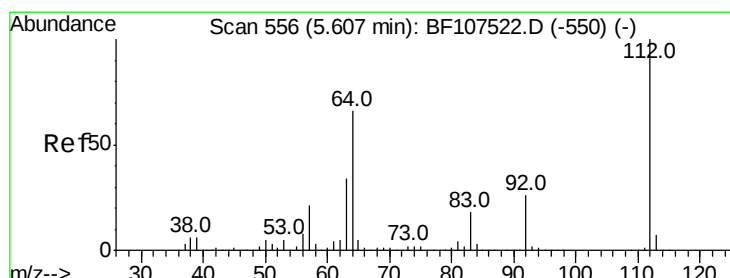
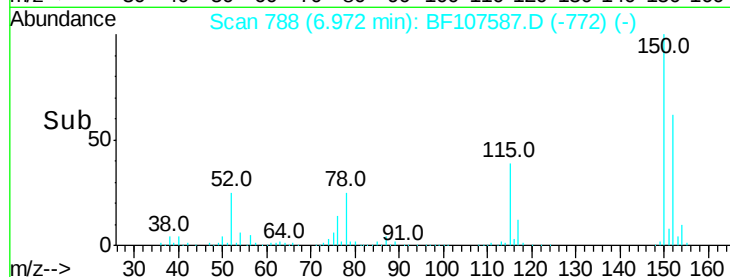
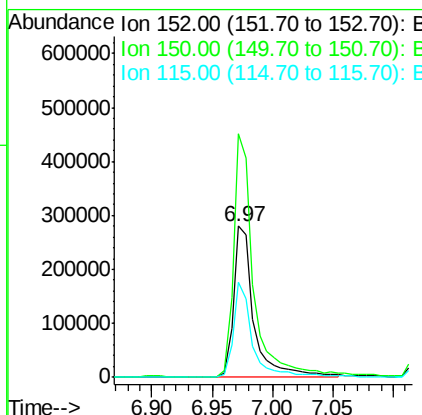
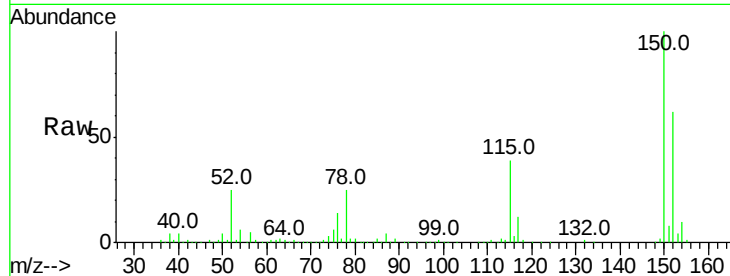
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF107587.D
 Acq: 23 Jul 2018 14:51

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.6	186.8
115	62.9	50.1	75.1

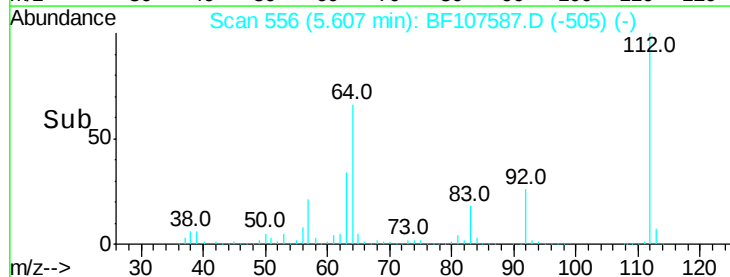
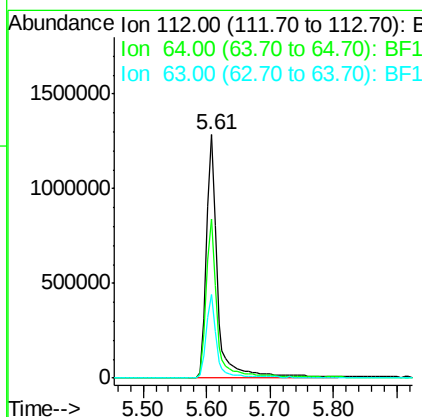
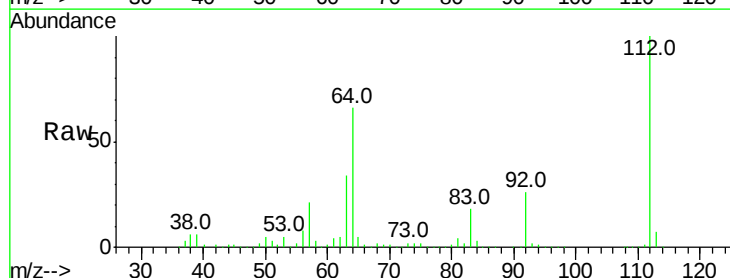
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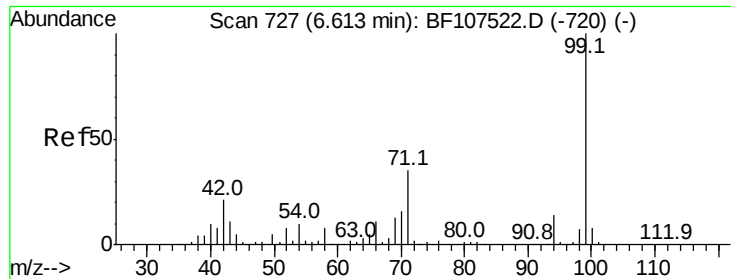
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#5
 2-Fluorophenol
 Concen: 78.022 ng
 RT: 5.61 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF107587.D
 Acq: 23 Jul 2018 14:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	47.9	71.9
63	34.4	23.7	35.5





#7

Phenol-d6

Concen: 78.654 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107587.D

Acq: 23 Jul 2018 14:51

Instrument :

BNA_F

ClientSampled :

TP-8

Tot Ion: 99 Resp: 1953332

Ion Ratio Lower Upper

99 100

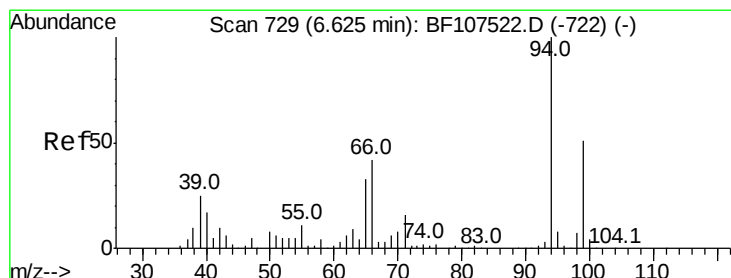
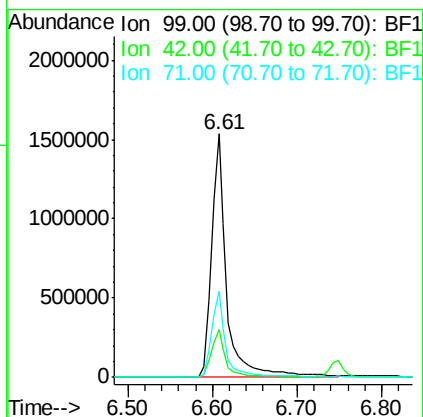
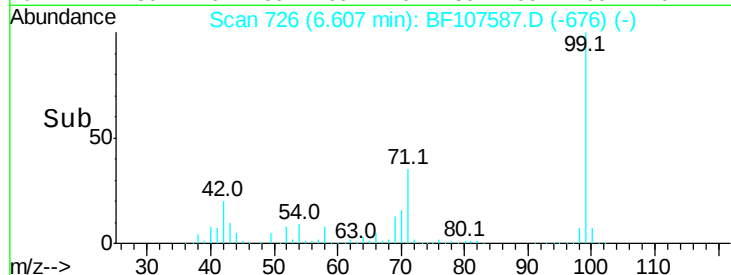
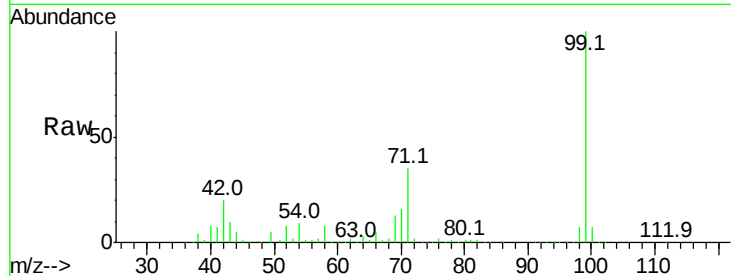
42 19.8 14.5 21.7

71 35.5 25.4 38.0

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#10

Phenol

Concen: 2.142 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107587.D

Acq: 23 Jul 2018 14:51

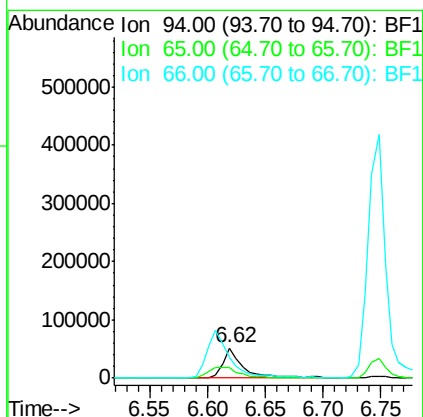
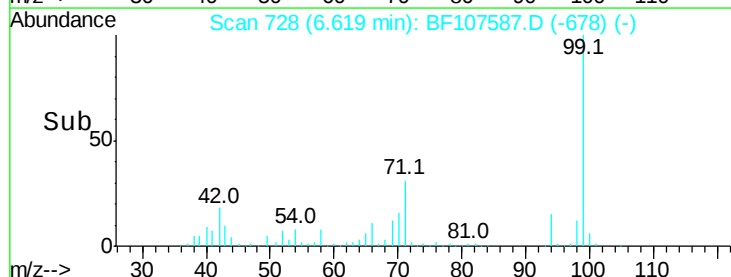
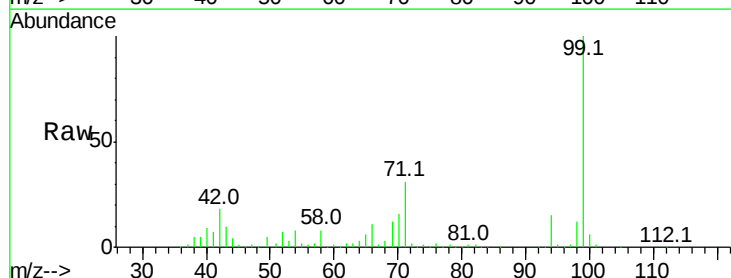
Tgt Ion: 94 Resp: 62568

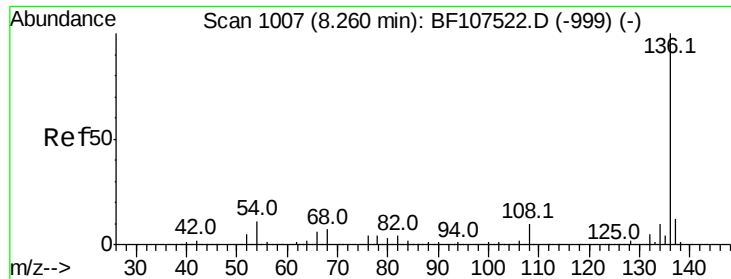
Ion Ratio Lower Upper

94 100

65 37.1 7.9 47.9

66 69.7 16.2 56.2#





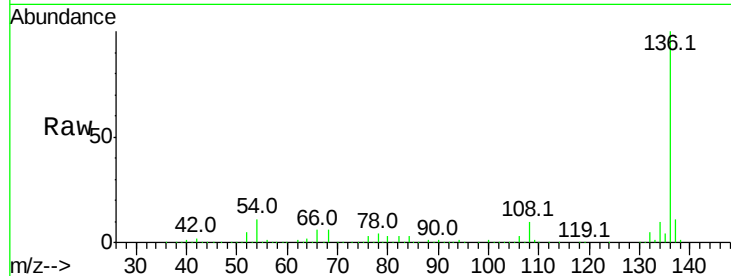
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107587.D
Acq: 23 Jul 2018 14:51

Instrument :
BNA_F
ClientSampleId :
TP-8

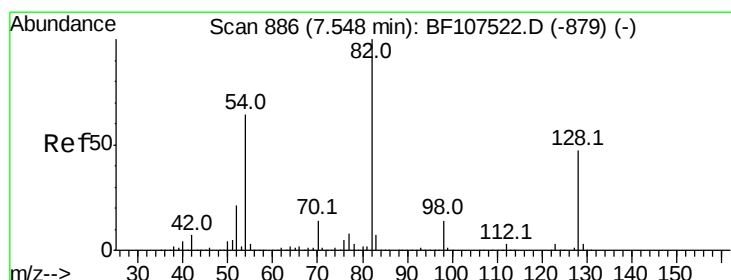
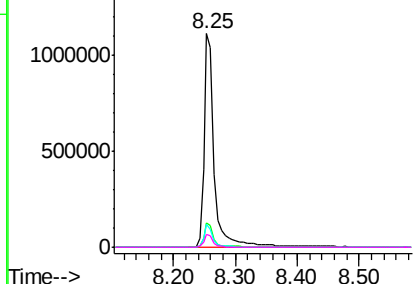
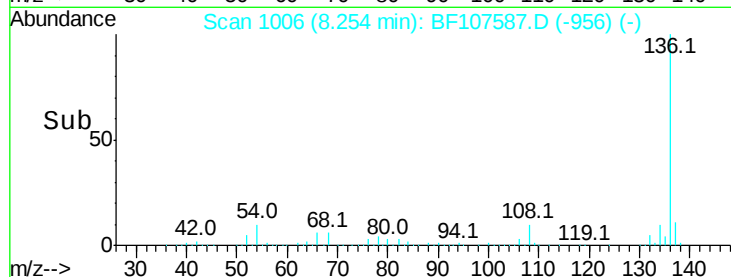
Tot Ion	136	Resp	1299284
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	10.5	6.6	9.8#
68	6.3	5.0	7.4

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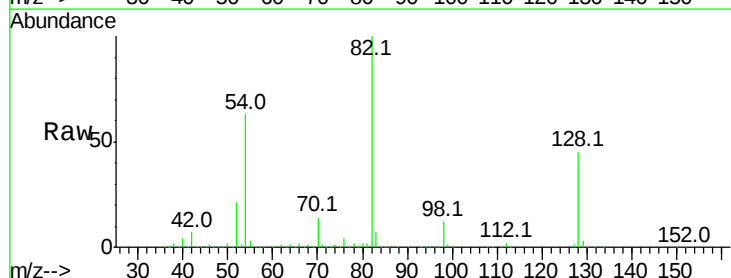


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

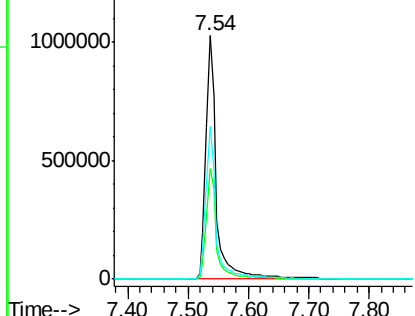
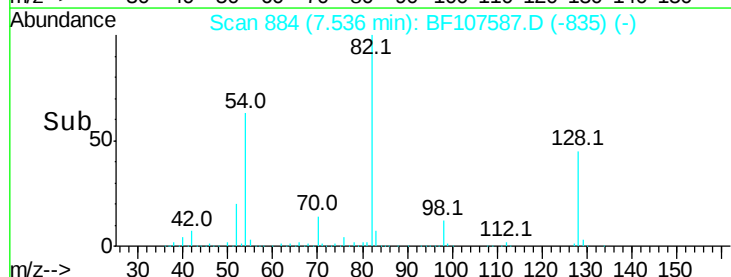


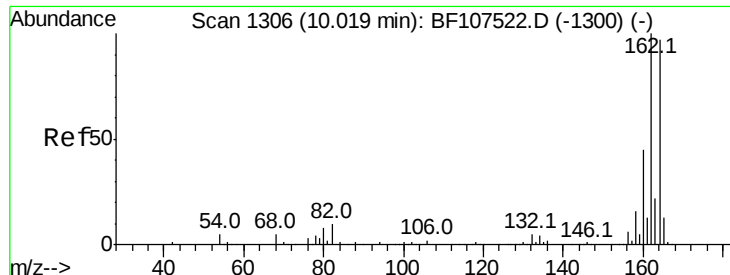
#23
Nitrobenzene-d5
Concen: 65.717 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107587.D
Acq: 23 Jul 2018 14:51

Tgt Ion	82	Resp	1265204
Ion Ratio	Lower	Upper	
82	100		
128	45.5	36.1	54.1
54	62.9	41.4	62.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





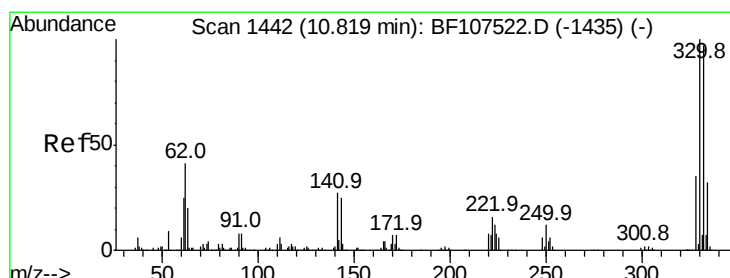
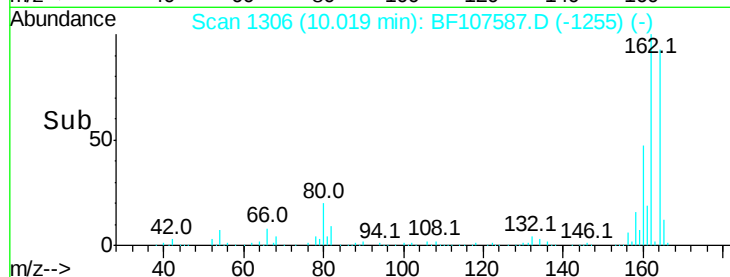
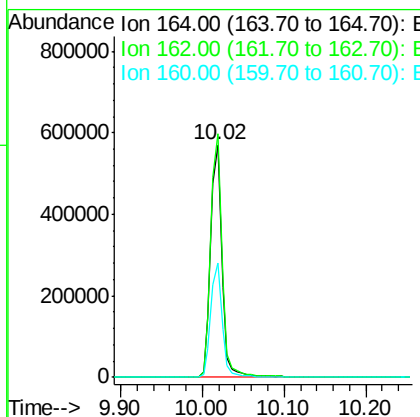
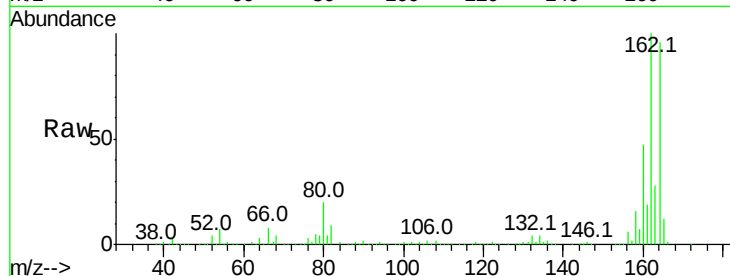
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF107587.D
Acq: 23 Jul 2018 14:51

Instrument :
BNA_F
ClientSampleId :
TP-8

Tot Ion	Ratio	Resp	Lower	Upper
164	100	554551		
162	104.7	86.1	129.1	
160	48.9	38.3	57.5	

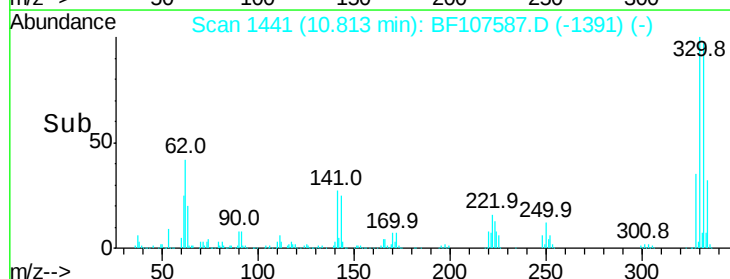
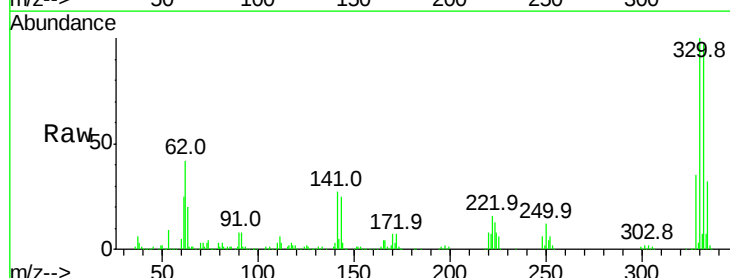
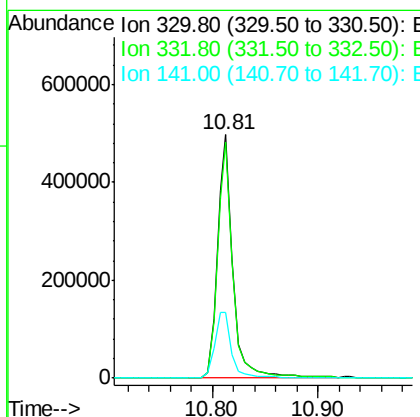
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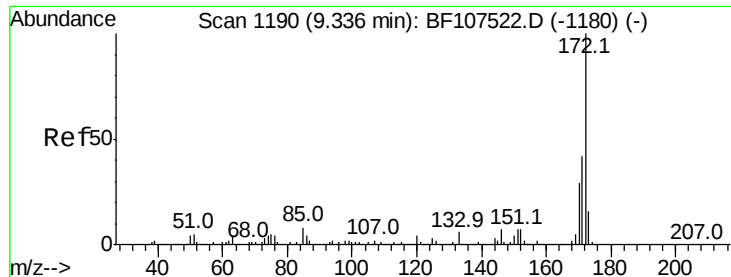
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#41
2,4,6-Tribromophenol
Concen: 81.853 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF107587.D
Acq: 23 Jul 2018 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	516175		
332	97.3	77.0	115.6	
141	30.2	29.9	44.9	





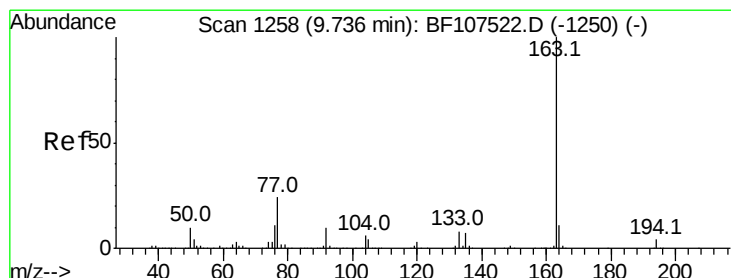
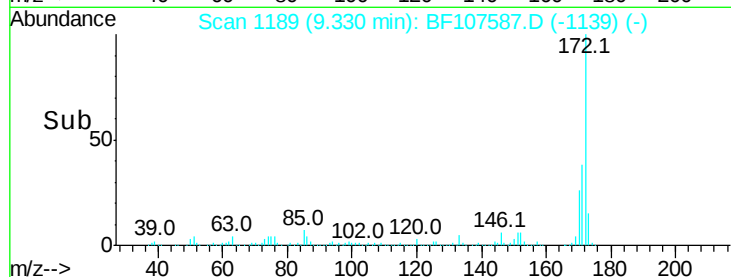
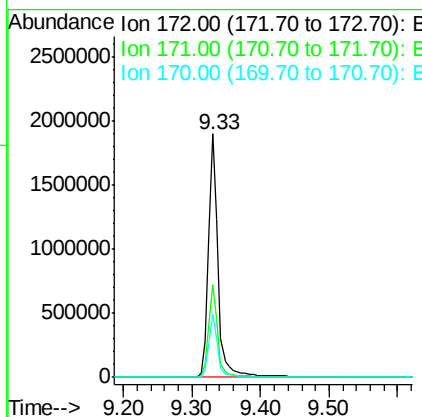
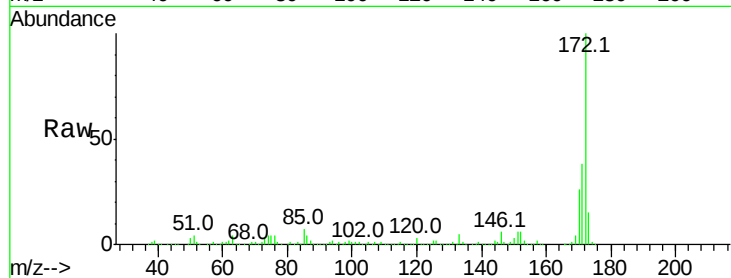
#44
2-Fluorobiphenyl
Concen: 53.735 ng
RT: 9.33 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF107587.D
Acq: 23 Jul 2018 14:51

Instrument :
BNA_F
ClientSampled :
TP-8

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.7	44.5
170	25.8	19.6	29.4

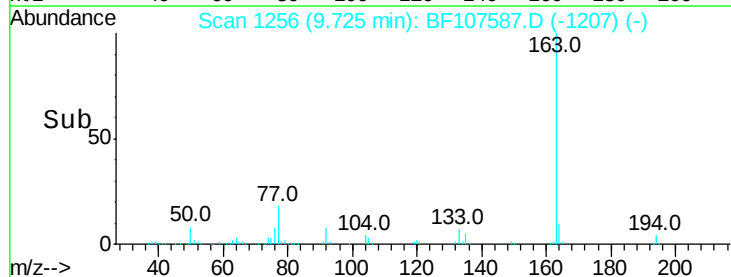
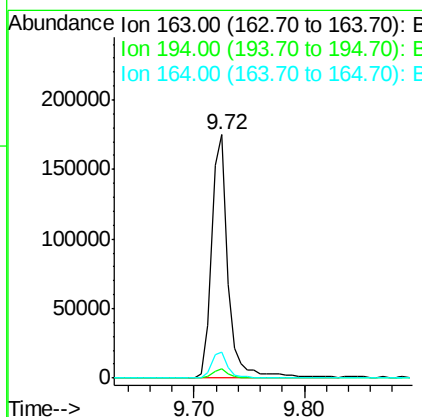
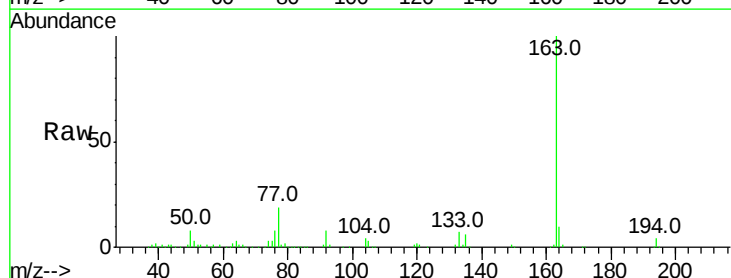
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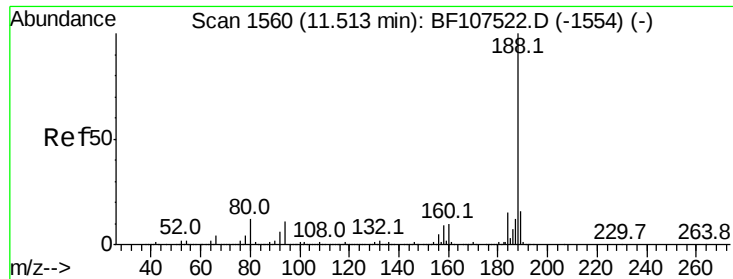
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#49
Dimethylphthalate
Concen: 4.273 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF107587.D
Acq: 23 Jul 2018 14:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.4	8.2	12.2





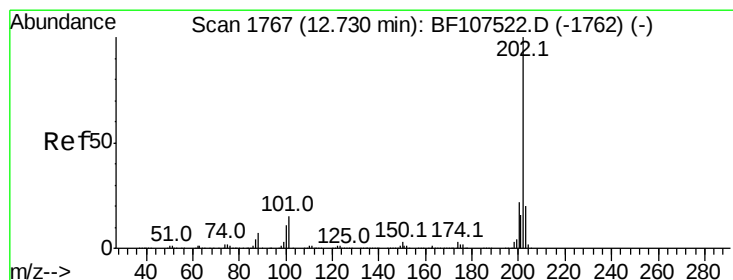
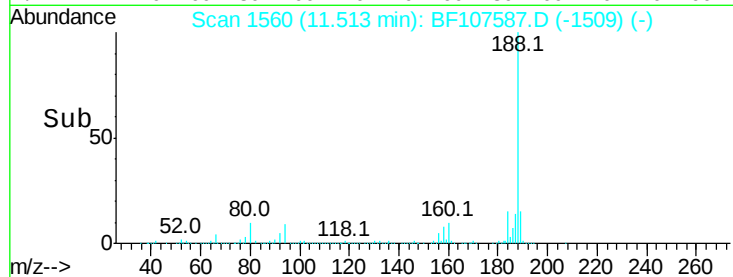
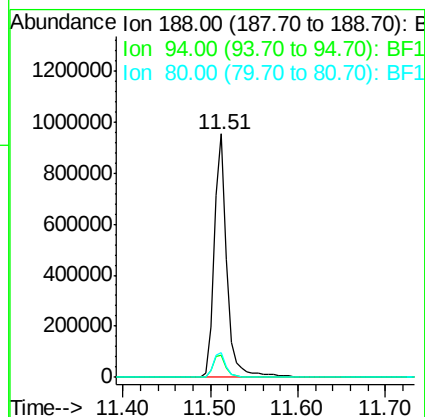
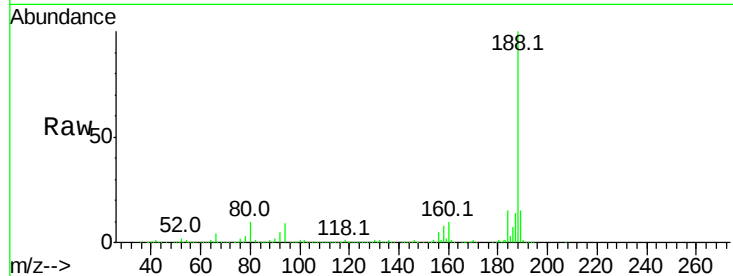
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF107587.D
Acq: 23 Jul 2018 14:51

Instrument :
BNA_F
ClientSampleId :
TP-8

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.2	8.5	12.7
80	10.1	9.2	13.8

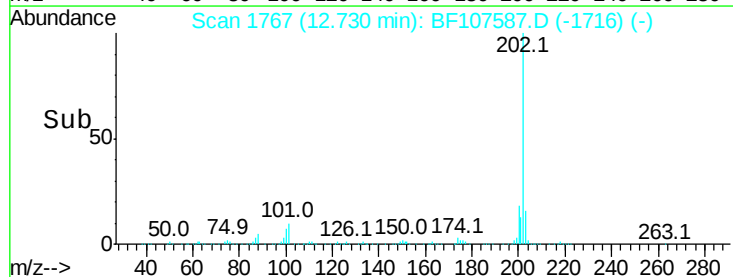
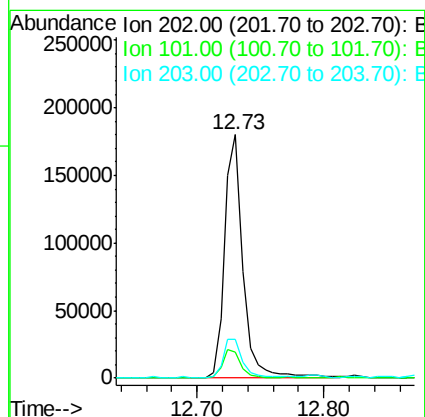
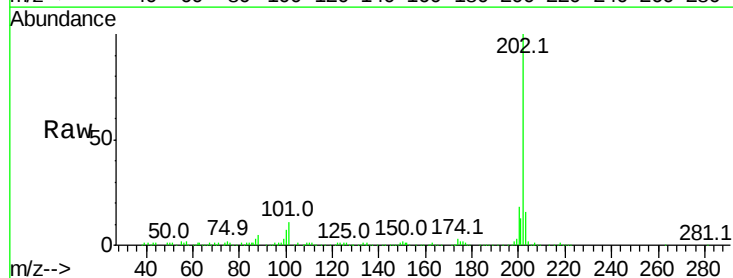
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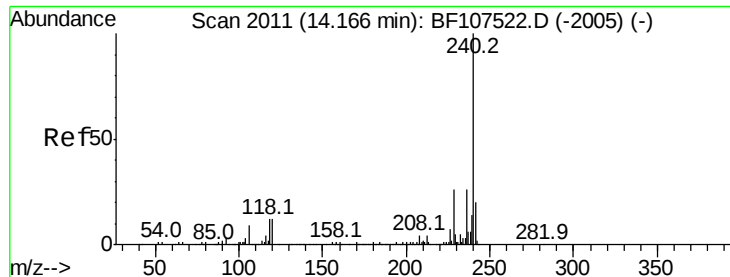
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#74
Fluoranthene
Concen: 3.655 ng
RT: 12.73 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BF107587.D
Acq: 23 Jul 2018 14:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.6	0.0	34.1
203	15.7	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: BF107587.D

Acq: 23 Jul 2018 14:51

Instrument :

BNA_F

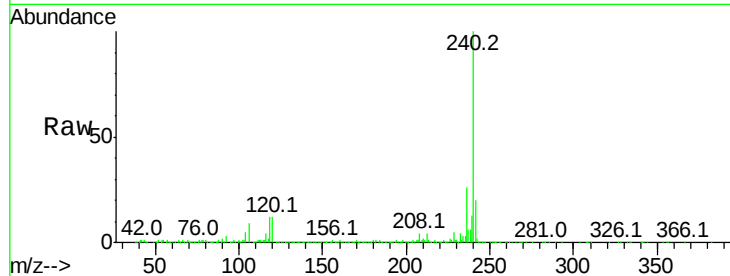
ClientSampled :

TP-8

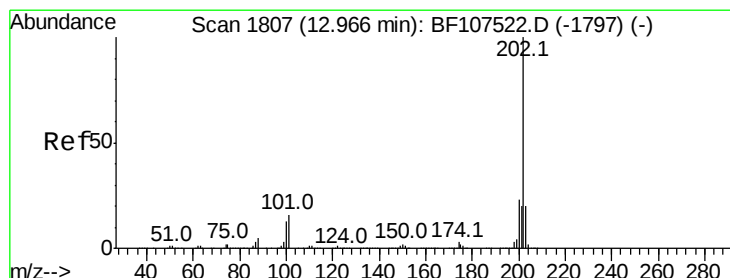
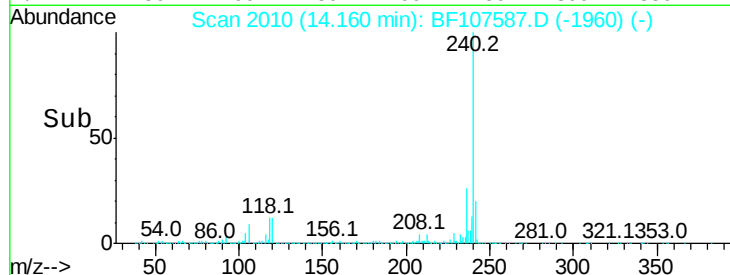
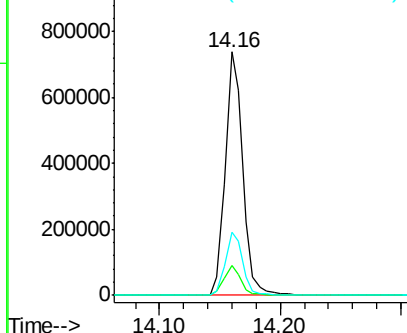
Tot Ion:	240	Resp:	740268
Ion Ratio	Lower	Upper	
240	100		
120	12.3	9.5	14.3
236	26.1	20.7	31.1

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: 3.272 ng

RT: 12.96 min Scan# 1806

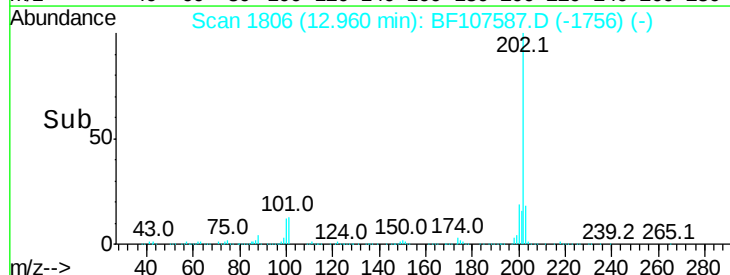
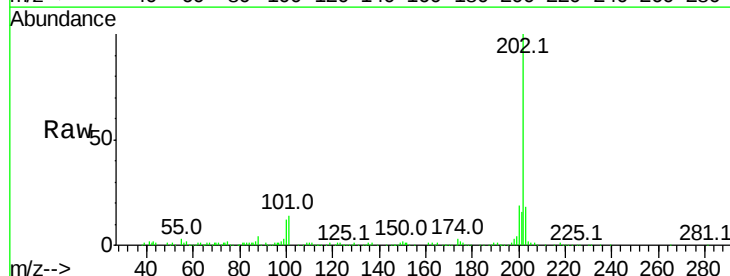
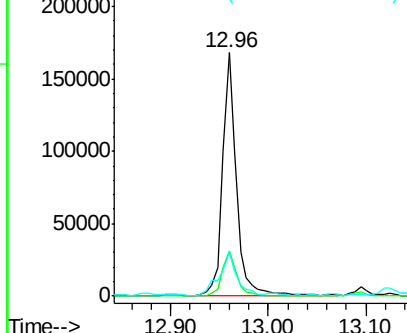
Delta R.T. -0.01 min

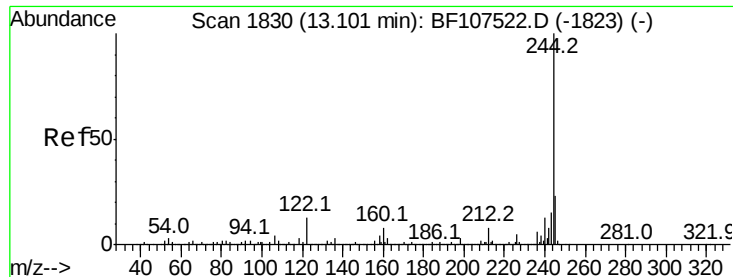
Lab File: BF107587.D

Acq: 23 Jul 2018 14:51

Tgt Ion:	202	Resp:	165681
Ion Ratio	Lower	Upper	
202	100		
200	18.5	17.4	26.2
203	18.0	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: 52.194 ng

RT: 13.09 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF107587.D

Acq: 23 Jul 2018 14:51

Instrument :

BNA_F

ClientSampled :

TP-8

Tot Ion:244 Resp: 1509228

Ion Ratio Lower Upper

244 100

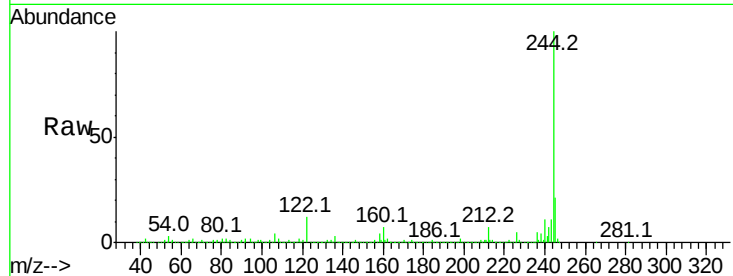
212 7.2 5.4 8.0

122 12.3 11.0 16.4

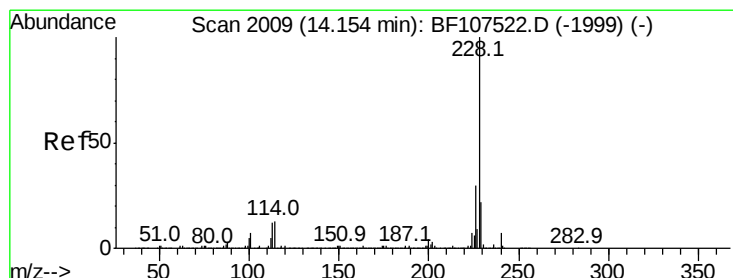
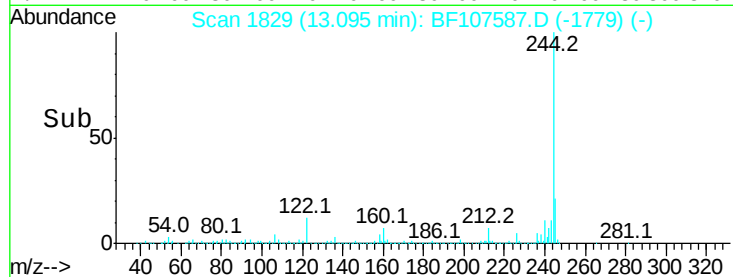
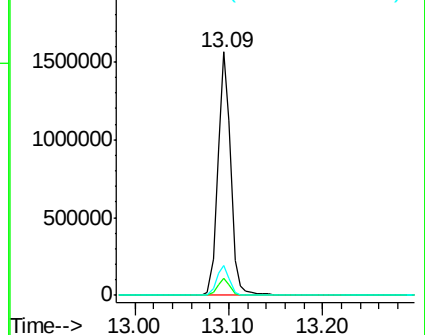
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 2.537 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF107587.D

Acq: 23 Jul 2018 14:51

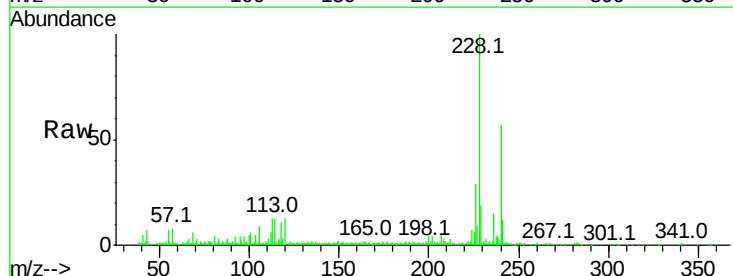
Tgt Ion:228 Resp: 110077

Ion Ratio Lower Upper

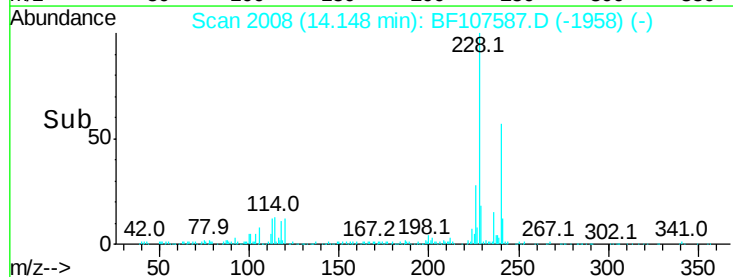
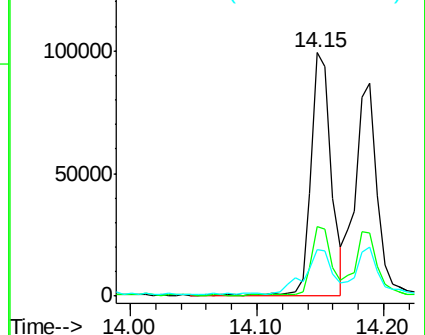
228 100

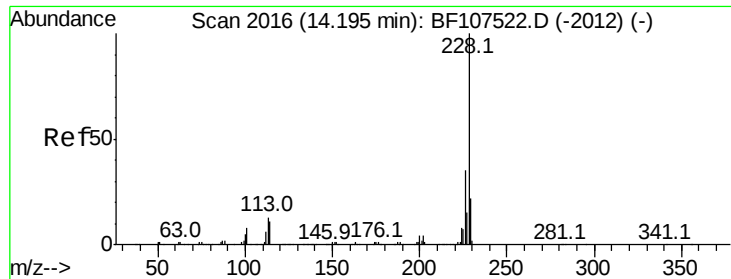
226 28.8 22.6 33.8

229 19.2 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





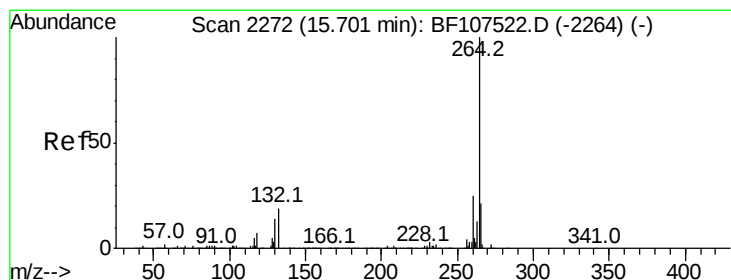
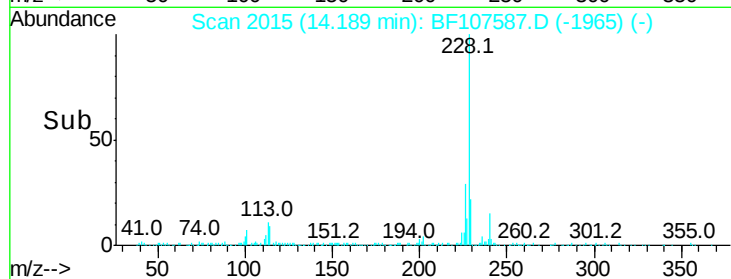
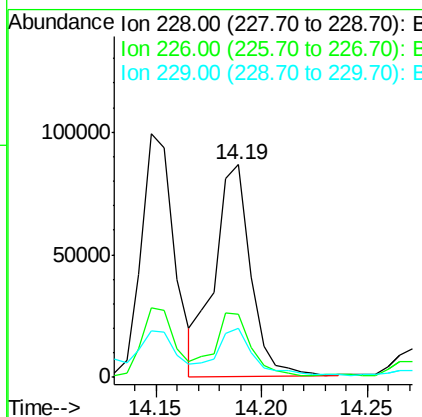
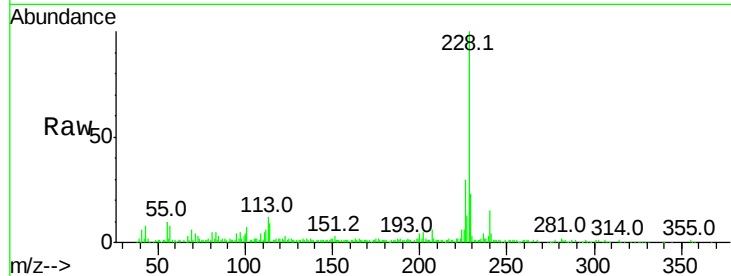
#82
Chrysene
Concen: 2.479 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF107587.D
Acq: 23 Jul 2018 14:51

Instrument :
BNA_F
ClientSampled :
TP-8

Tot Ion:	228	Resp:	103321
Ion Ratio	Lower	Upper	
228	100		
226	29.7	25.0	37.6
229	23.1	16.2	24.4

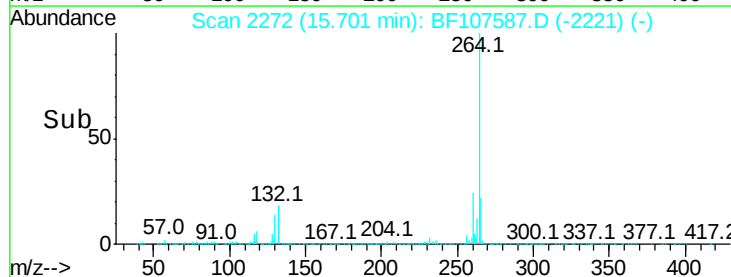
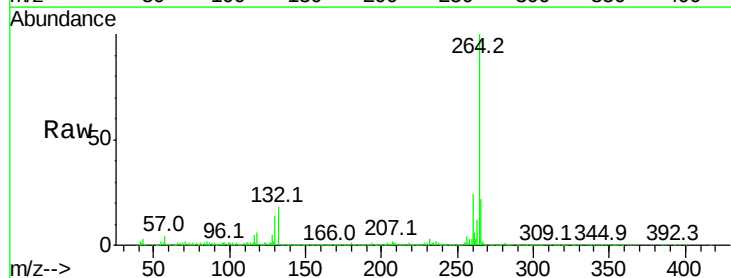
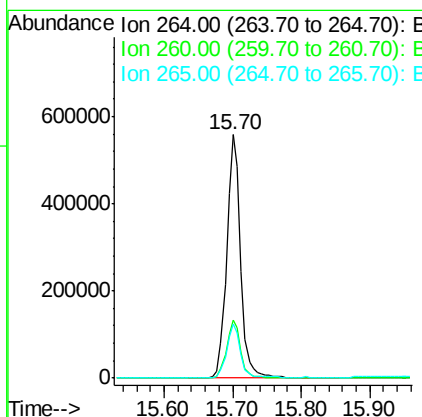
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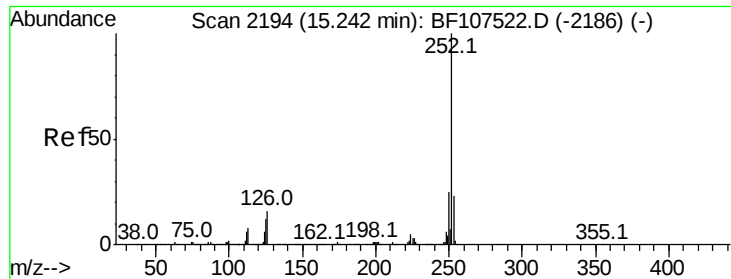
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF107587.D
Acq: 23 Jul 2018 14:51

Tgt Ion:	264	Resp:	785291
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	22.1	17.5	26.3





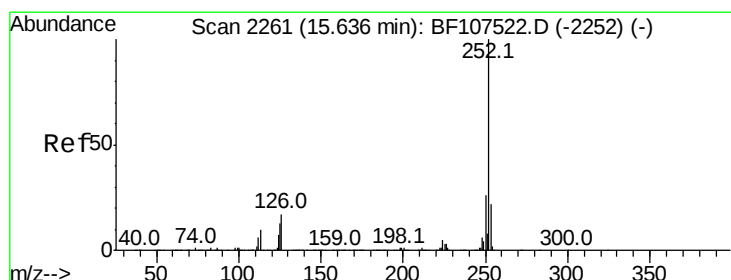
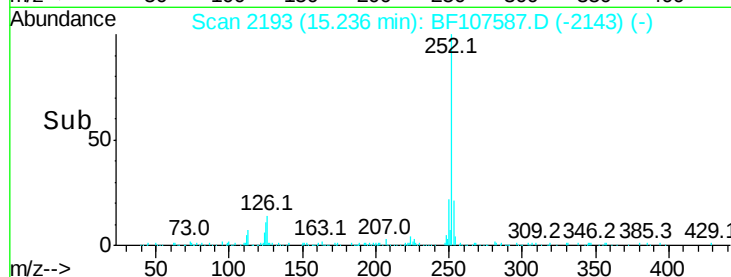
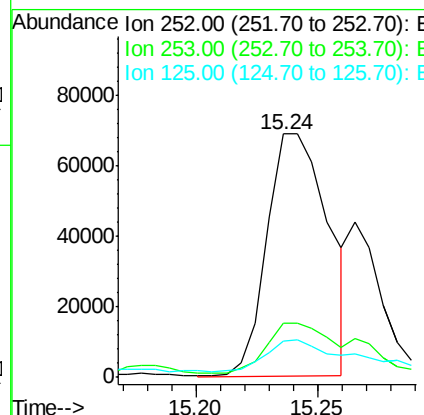
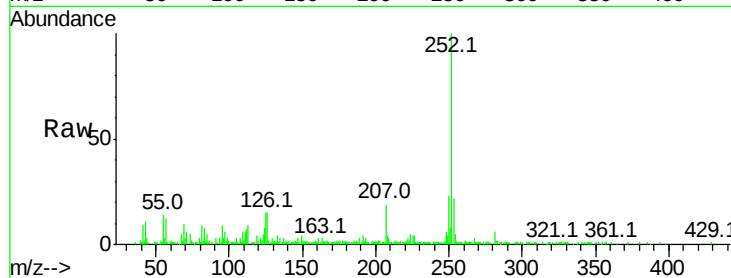
#87
Benzo(b)fluoranthene
Concen: 2.815 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF107587.D
Acq: 23 Jul 2018 14:51

Instrument :
BNA_F
ClientSampleId :
TP-8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	15.0	9.0	13.6

Manual Integrations
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#89
Benzo(a)pyrene
Concen: 2.174 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF107587.D
Acq: 23 Jul 2018 14:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	14.3	9.8	14.6

