

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
 Data File : BF107768.D
 Acq On : 28 Jul 2018 1:19
 Operator : JU/SJ
 Sample : J4143-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(11-13)

Manual Integrations
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Sohil
 7/30/2018 2:03:27 PM

Quant Time: Jul 28 04:25:36 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	6.96	152	155710	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	630261	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	243510	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	424681	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	399402	20.00	ng	-0.01
86) Perylene-d12	15.69	264	324040	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1021496	105.48	ng	-0.01
7) Phenol-d6	6.60	99	1342584	115.45	ng	-0.01
23) Nitrobenzene-d5	7.52	82	803774	86.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	290749	105.00	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	890002	56.87	ng	-0.02
78) Terphenyl-d14	13.08	244	828038	53.08	ng	-0.02
Target Compounds						
10) Phenol	6.61	94	56911	4.161	ng	Qvalue # 50
20) 3+4-Methylphenols	7.40	107	69858	6.671	ng	86
49) Dimethylphthalate	9.71	163	93841	5.113	ng	98
74) Fluoranthene	12.74	202	162103	7.300	ng	95
77) Pyrene	12.96	202	160190m	5.864	ng	
80) Benzo(a)anthracene	14.14	228	47777	2.041	ng	# 82
82) Chrysene	14.18	228	60599	2.695	ng	# 80
87) Benzo(b)fluoranthene	15.23	252	56075m	3.162	ng	

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

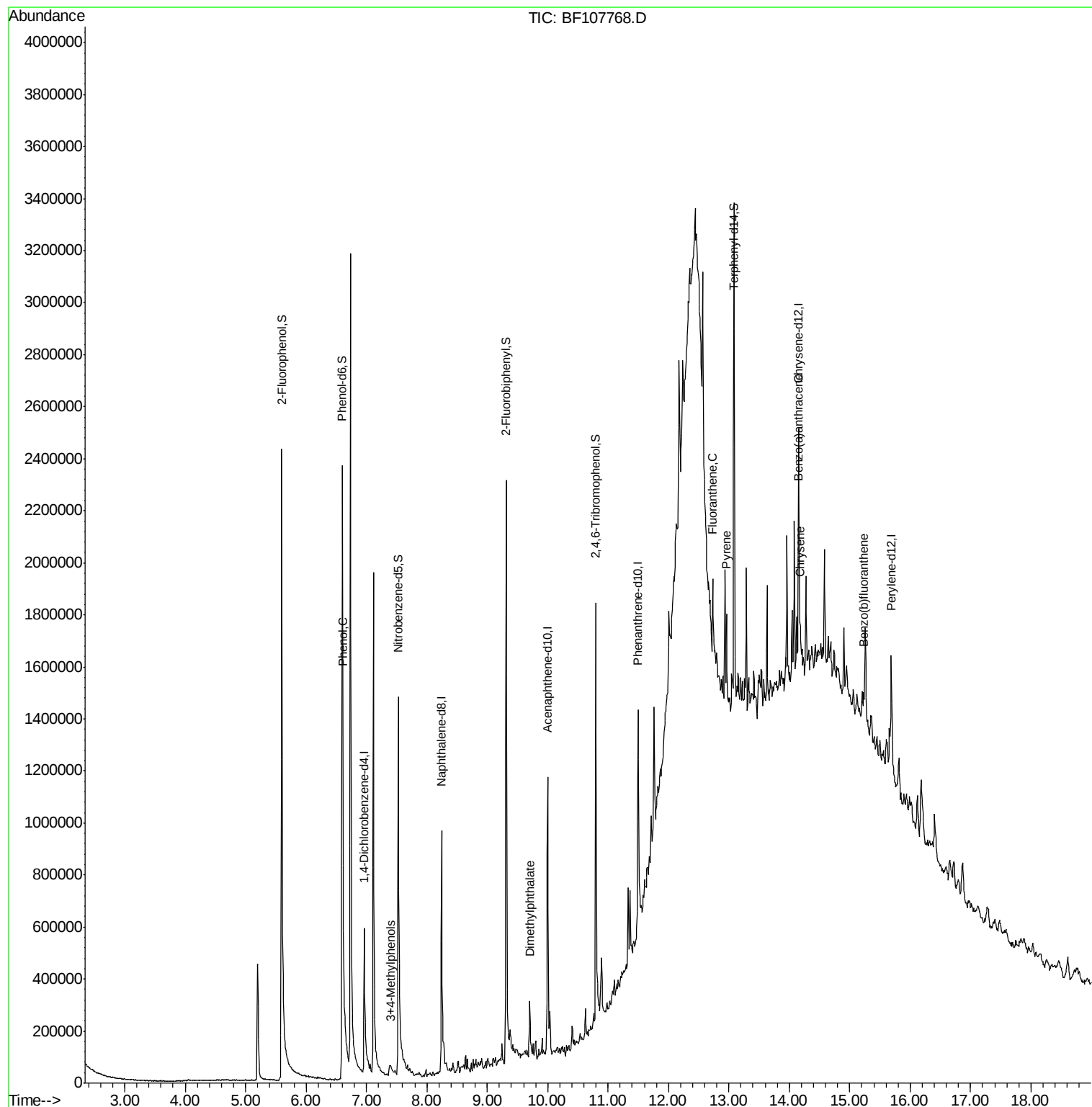
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107768.D
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Sample : J4143-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

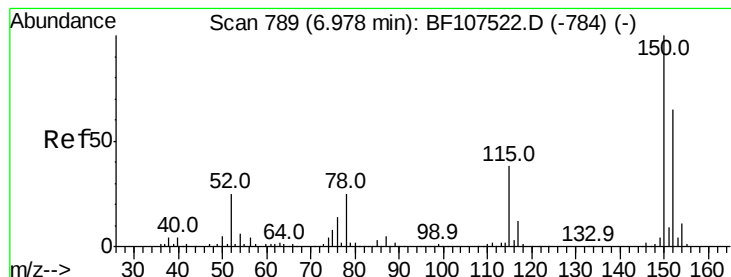
Instrument :
BNA_F
ClientSampleId :
SB-1(11-13)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
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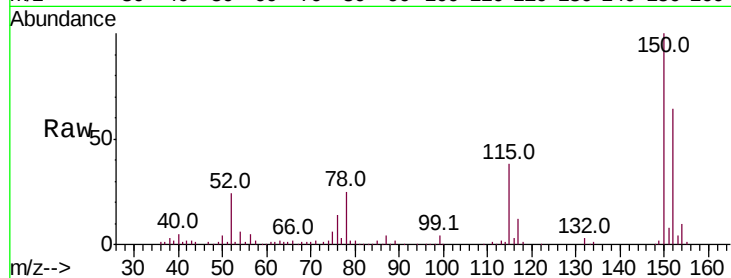
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF107768.D
 Acq: 28 Jul 2018 1:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(11-13)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	59.7	50.1	75.1

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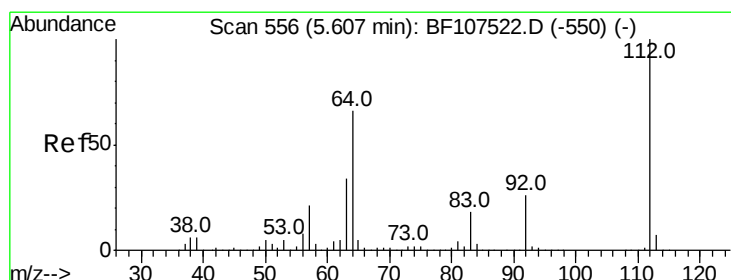
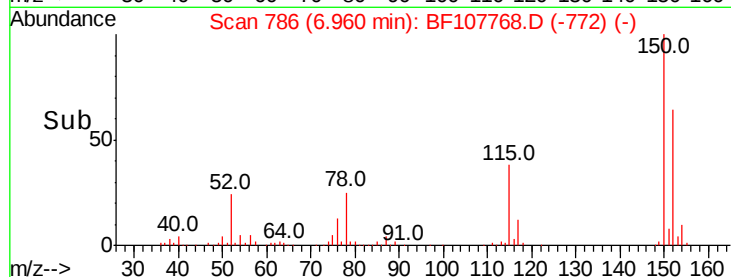
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

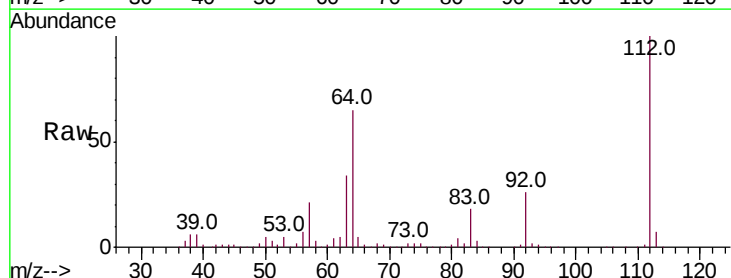
Ion 115.00 (114.70 to 115.70): E

Time-->



#5
 2-Fluorophenol
 Concen: 105.476 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107768.D
 Acq: 28 Jul 2018 1:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	47.9	71.9
63	33.8	23.7	35.5



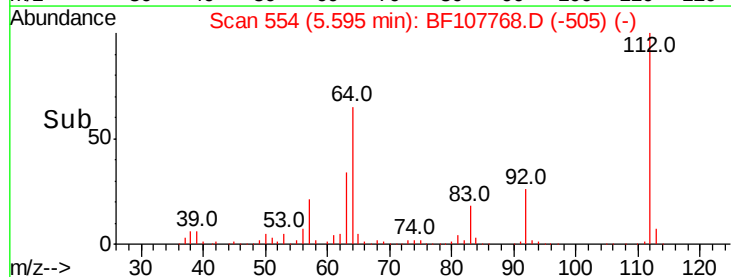
Abundance

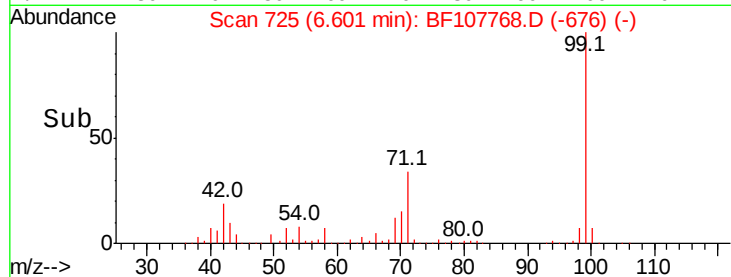
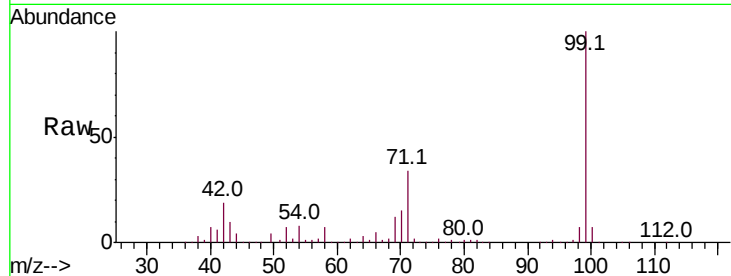
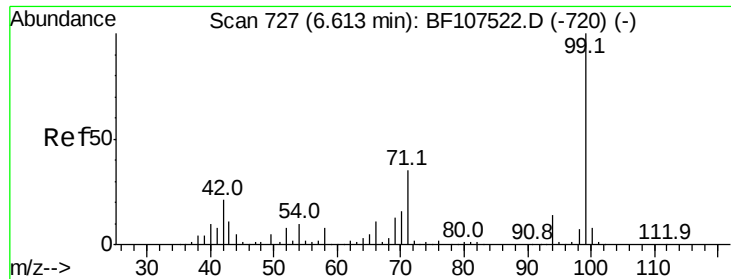
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 115.455 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107768.D

Acq: 28 Jul 2018 1:19

Tot Ion: 99 Resp: 1342584

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

71 33.9 25.4 38.0

Instrument :

BNA_F

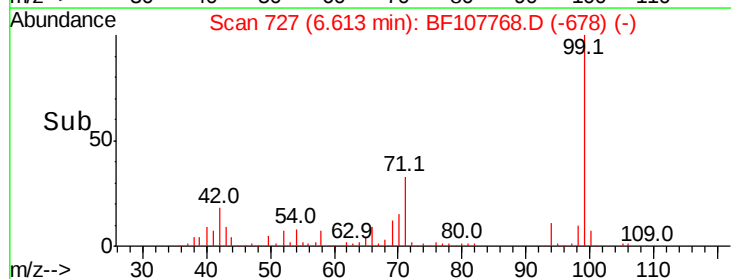
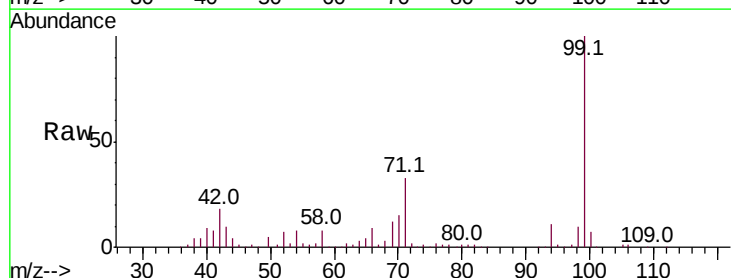
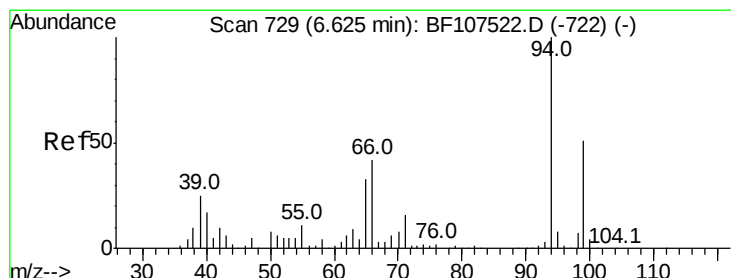
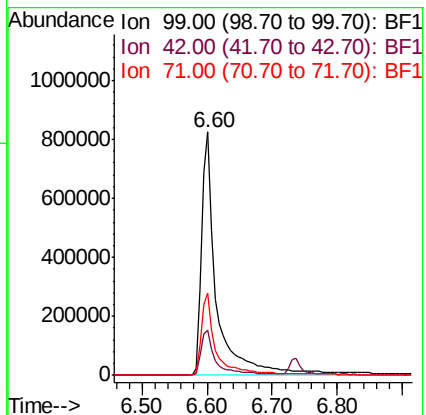
ClientSampled :

SB-1(11-13)

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#10

Phenol

Concen: 4.161 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF107768.D

Acq: 28 Jul 2018 1:19

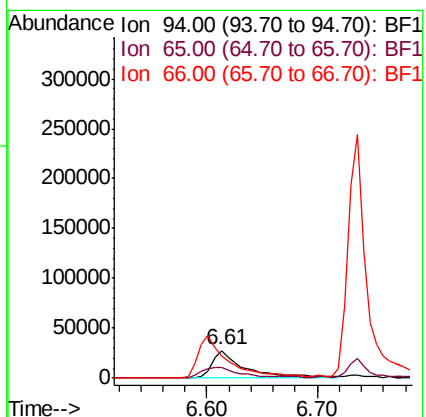
Tgt Ion: 94 Resp: 56911

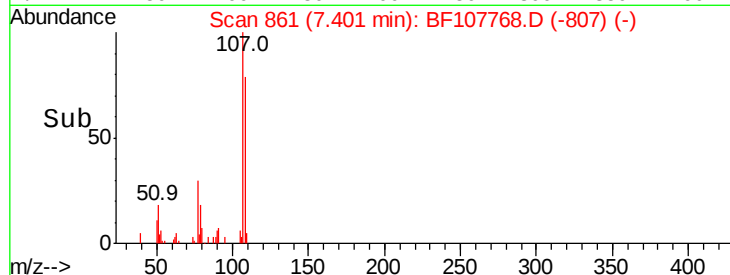
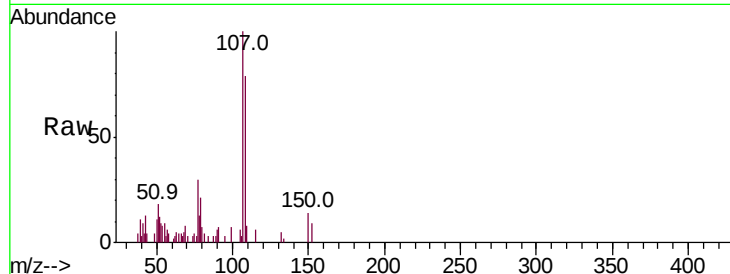
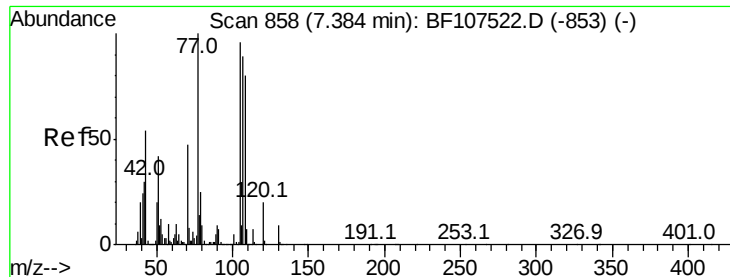
Ion Ratio Lower Upper

94 100

65 38.0 7.9 47.9

66 79.8 16.2 56.2#





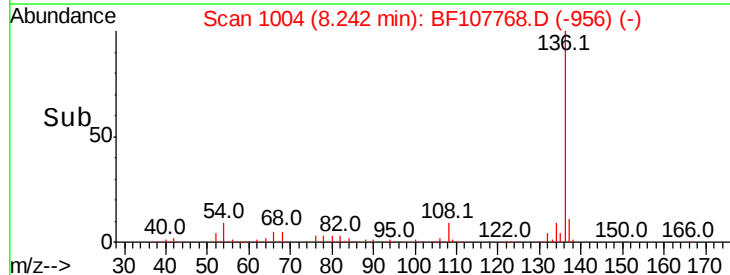
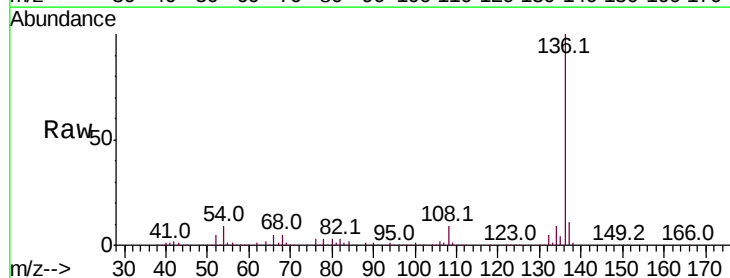
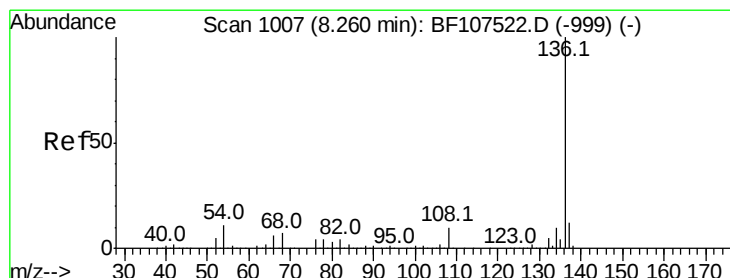
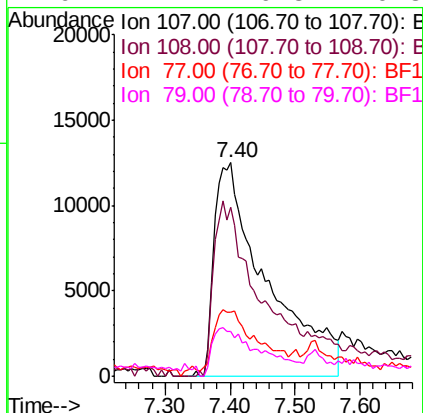
#20
3+4-Methylphenols
Concen: 6.671 ng
RT: 7.40 min Scan# 861
Delta R.T. 0.02 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Tot Ion	Ratio	Resp	Lower	Upper
107	100	69858		
108	79.2	68.2	108.2	
77	30.1	26.7	66.7	
79	21.2	6.3	46.3	

Instrument :
BNA_F
ClientSampleId :
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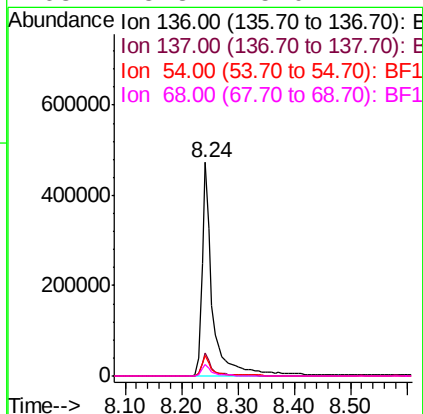
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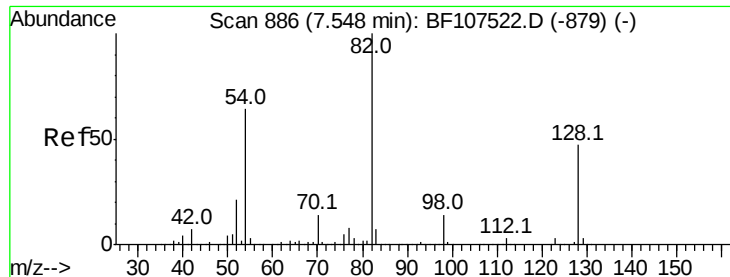
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	630261		
137	10.8	8.9	13.3	
54	9.3	6.6	9.8	
68	5.3	5.0	7.4	





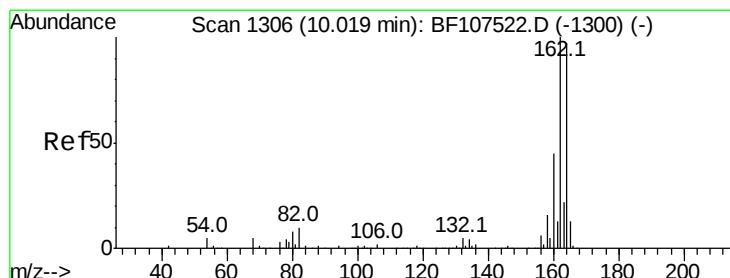
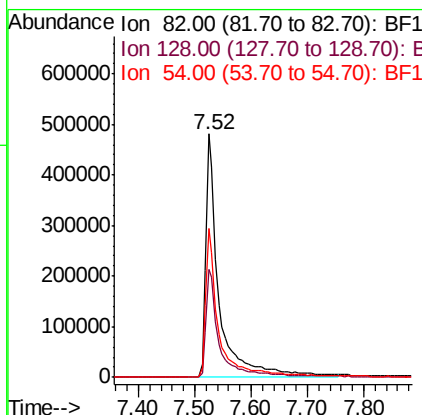
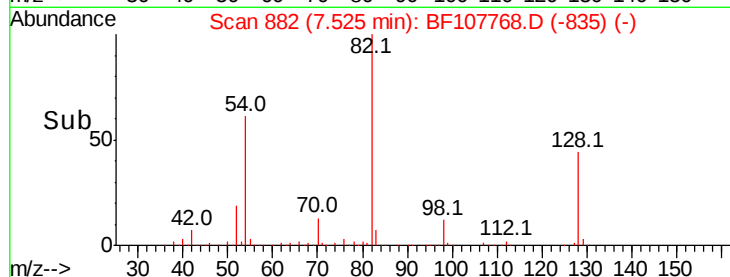
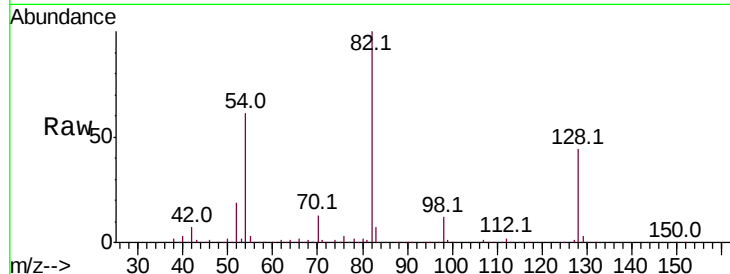
#23
Nitrobenzene-d5
Concen: 86.067 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Instrument :
BNA_F
ClientSampleId :
SB-1(11-13)

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	61.4	41.4	62.2

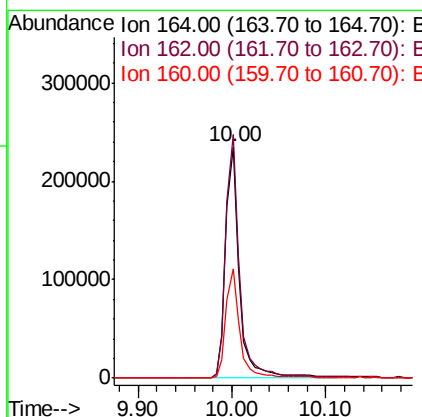
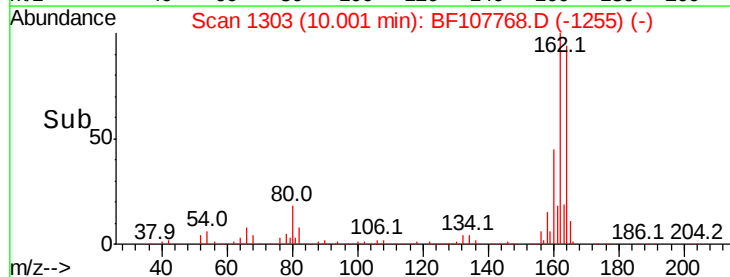
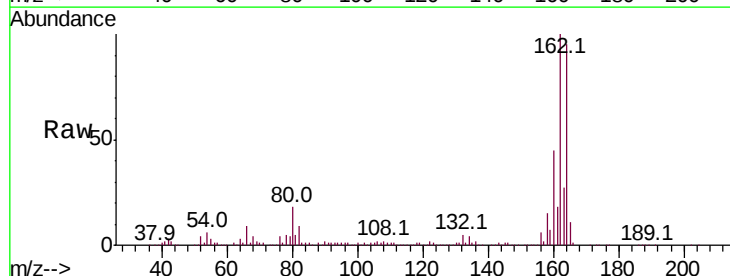
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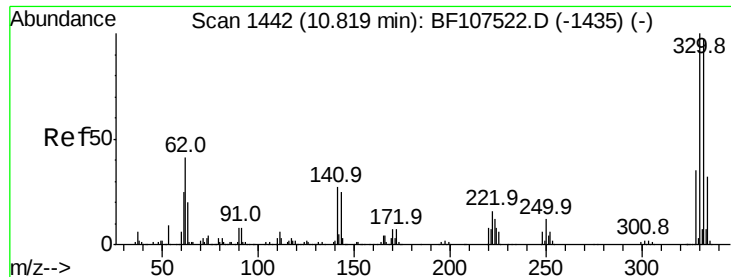
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	47.3	38.3	57.5





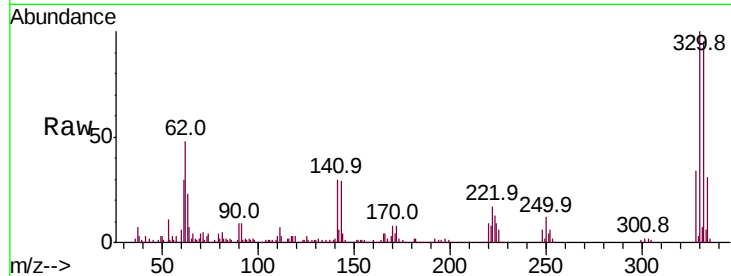
#41
 2,4,6-Tribromophenol
 Concen: 104.998 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107768.D
 Acq: 28 Jul 2018 1:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(11-13)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	290749		
332	97.1	77.0	115.6	
141	27.8	29.9	44.9#	

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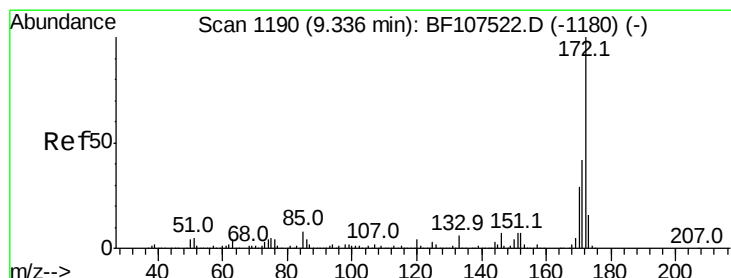
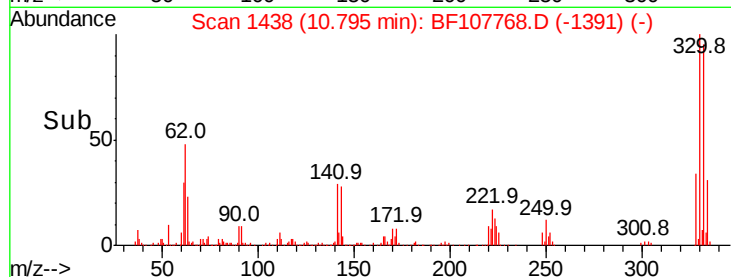
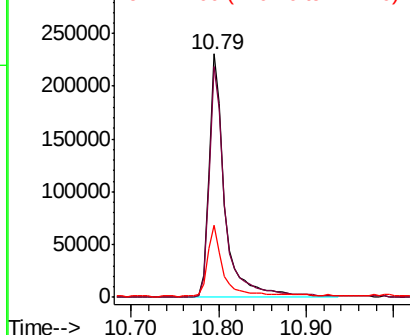


Abundance

Ion 329.80 (329.50 to 330.50): E

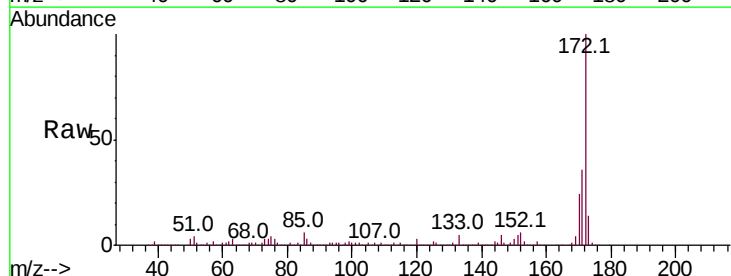
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 56.866 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107768.D
 Acq: 28 Jul 2018 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	890002		
171	35.7	29.7	44.5	
170	23.7	19.6	29.4	

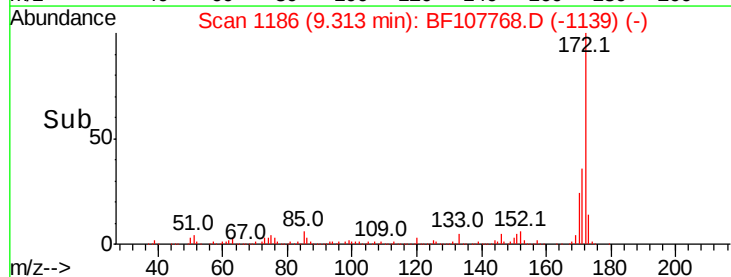
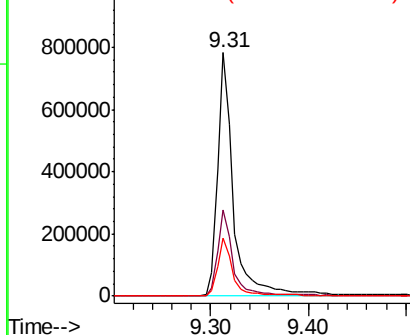


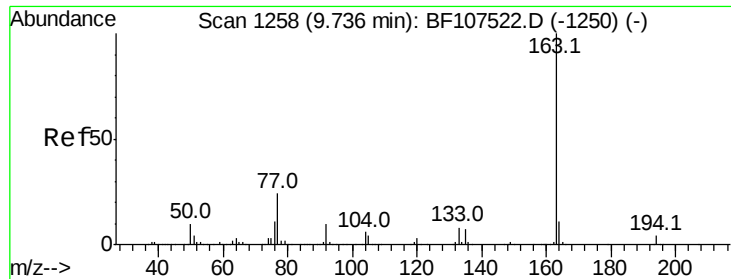
Abundance

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





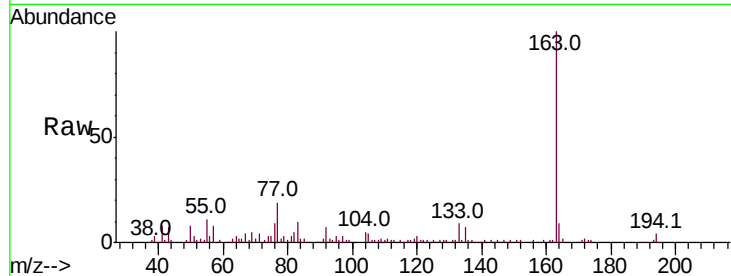
#49
Dimethylphthalate
Concen: 5.113 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Instrument :
BNA_F
ClientSampleId :
SB-1(11-13)

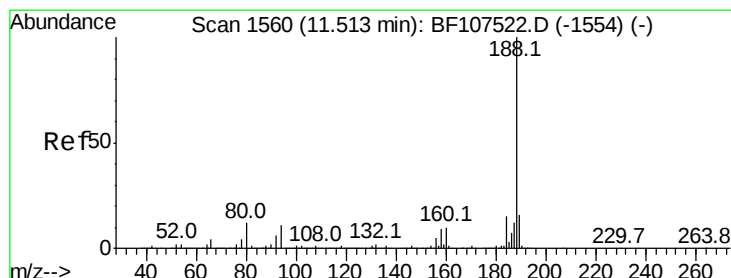
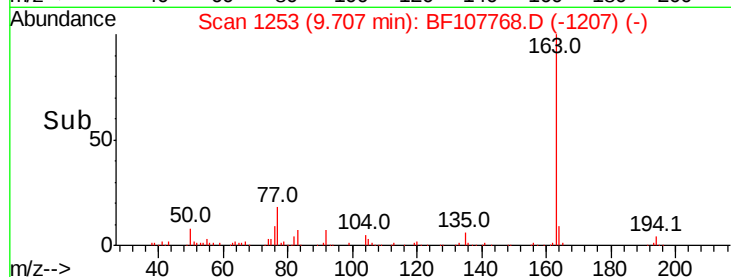
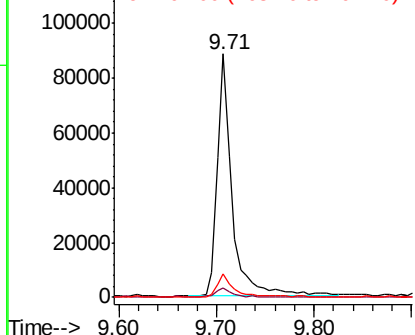
Tot Ion:	163	Resp:	93841
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.7	4.1
164	9.4	8.2	12.2

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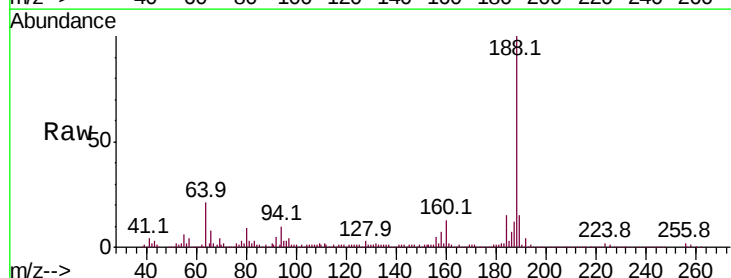


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

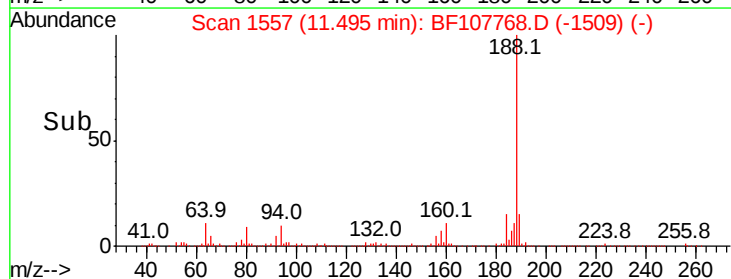
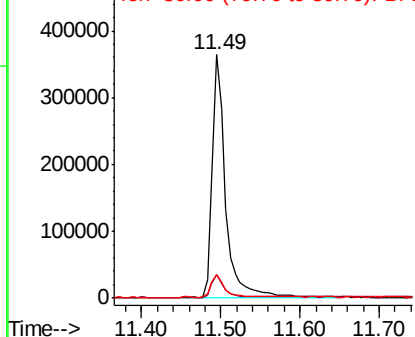


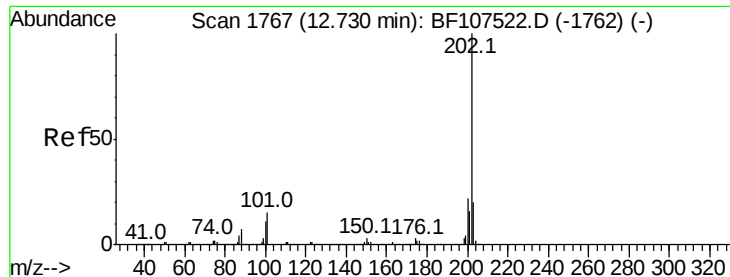
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Tgt Ion:	188	Resp:	424681
Ion Ratio	Lower	Upper	
188	100		
94	9.9	8.5	12.7
80	9.5	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





#74

Fluoranthene

Concen: 7.300 ng

RT: 12.74 min Scan# 1768

Delta R.T. 0.01 min

Lab File: BF107768.D

Acq: 28 Jul 2018 1:19

Instrument :

BNA_F

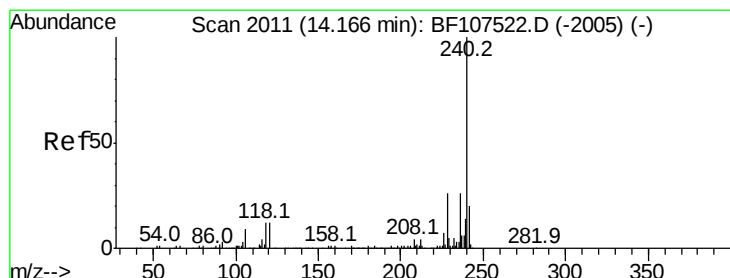
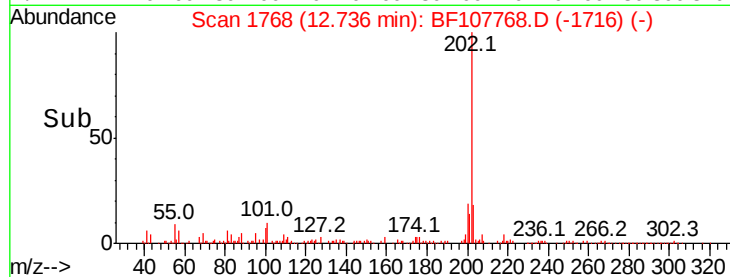
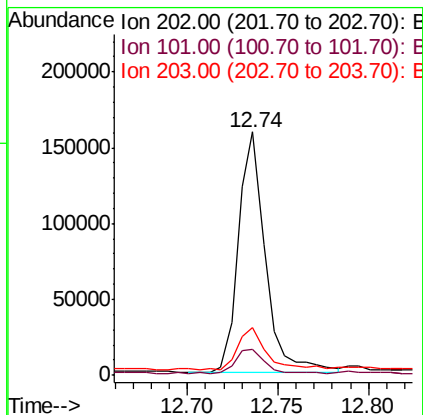
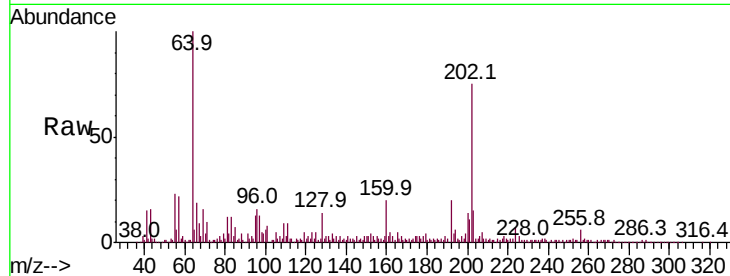
ClientSampleId :

SB-1(11-13)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	0.0	34.1
203	19.6	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

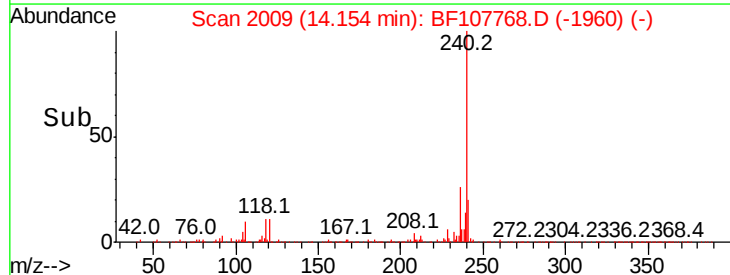
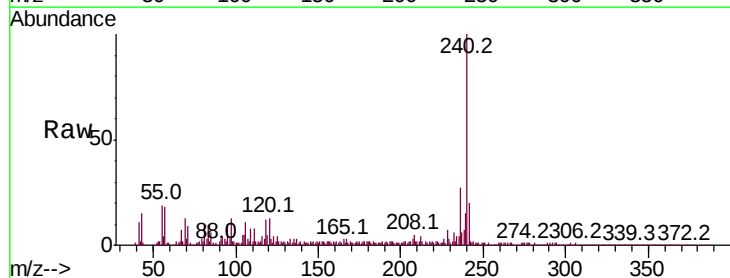
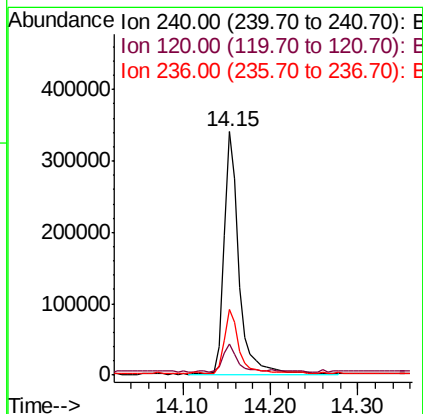
RT: 14.15 min Scan# 2009

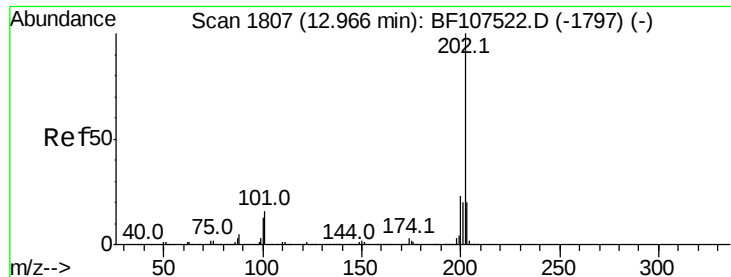
Delta R.T. -0.01 min

Lab File: BF107768.D

Acq: 28 Jul 2018 1:19

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.0	9.5	14.3
236	27.0	20.7	31.1





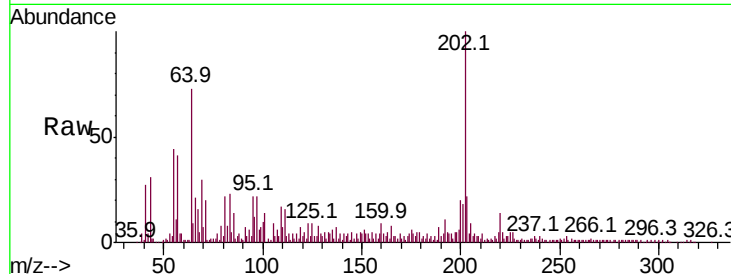
#77
Pvrene
Concen: 5.864 ng/mL
RT: 12.96 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Instrument :
BNA_F
ClientSampled :
SB-1(11-13)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.9	17.4	26.2
203	21.6	14.3	21.5#

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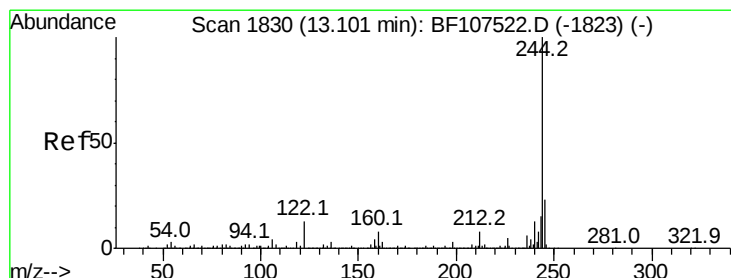
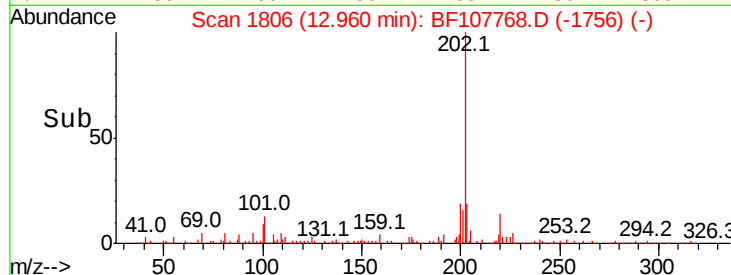
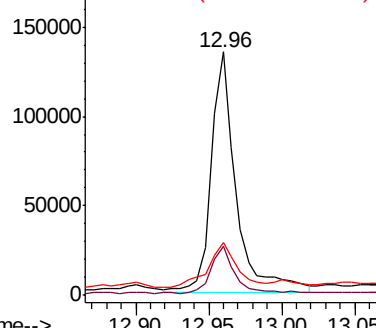


Abundance

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: 53.076 ng/mL
RT: 13.08 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

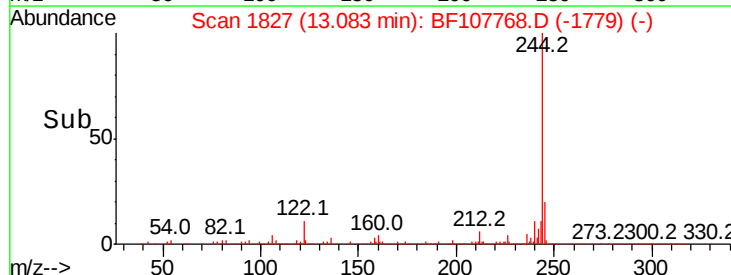
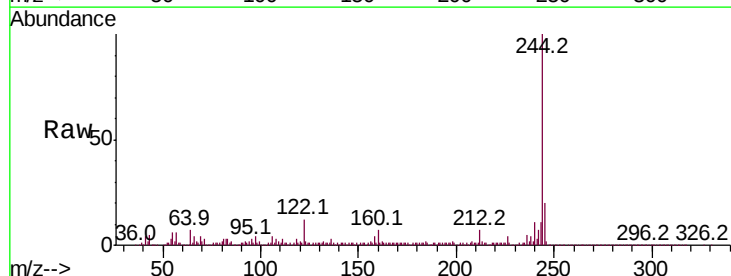
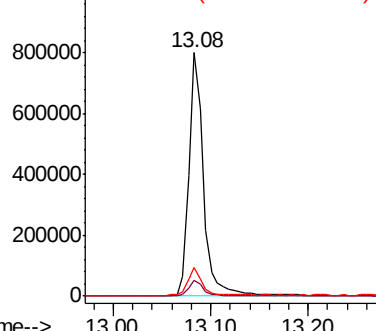
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.6	11.0	16.4

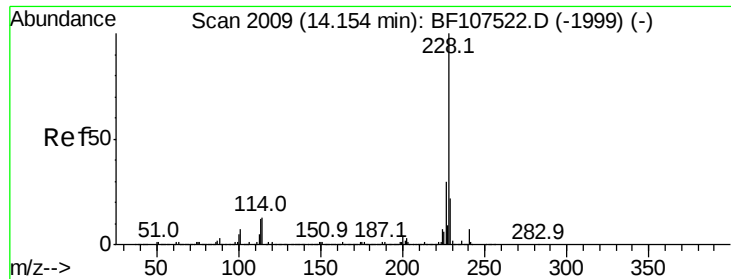
Abundance

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





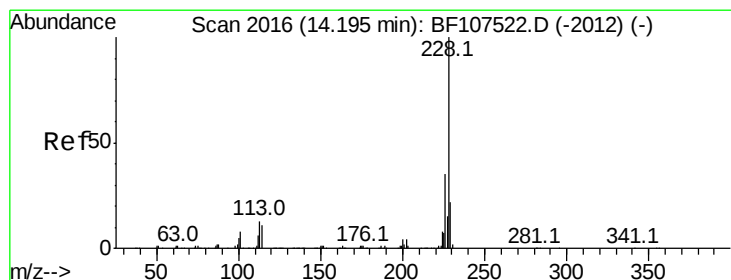
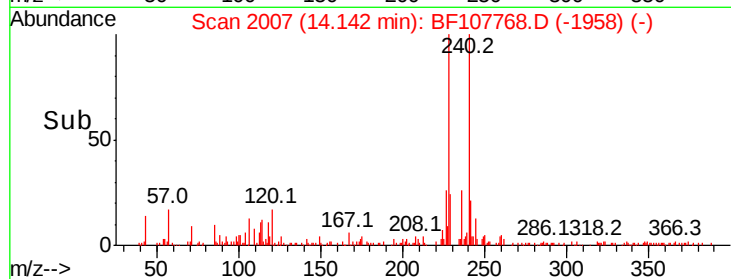
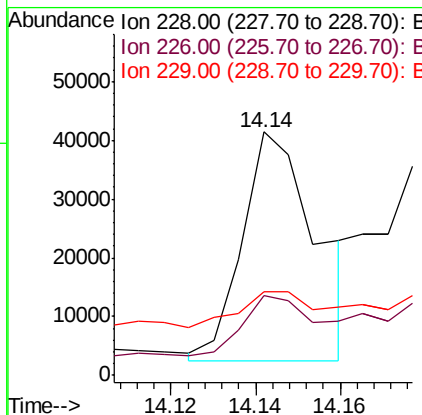
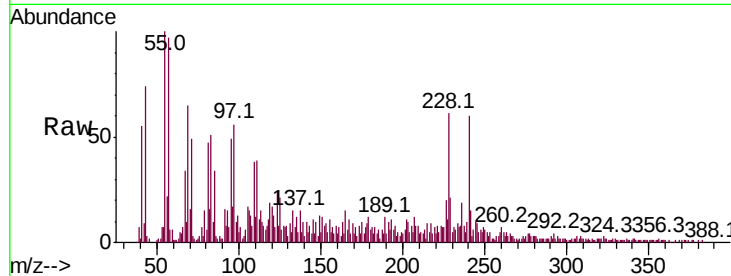
#80
Benzo(a)anthracene
Concen: 2.041 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Instrument :
BNA_F
ClientSampleId :
SB-1(11-13)

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.6	33.8
229	34.2	15.8	23.6

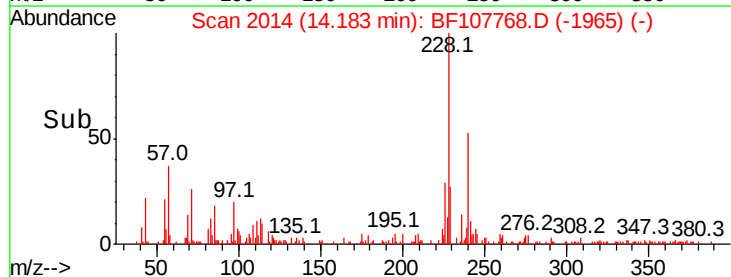
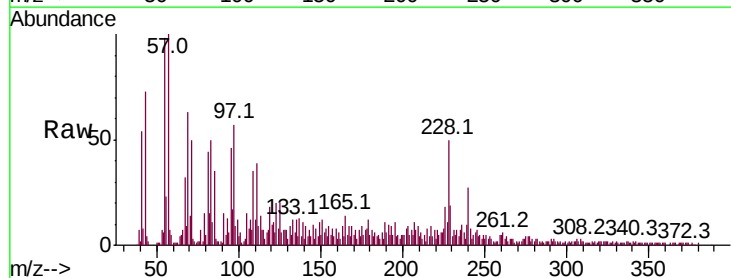
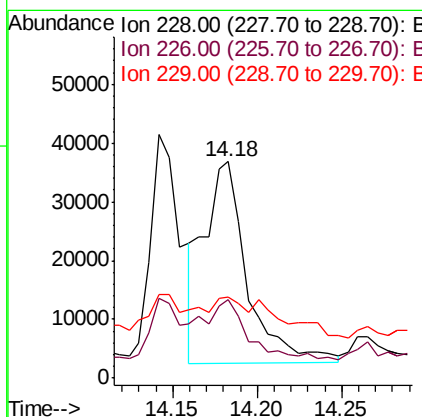
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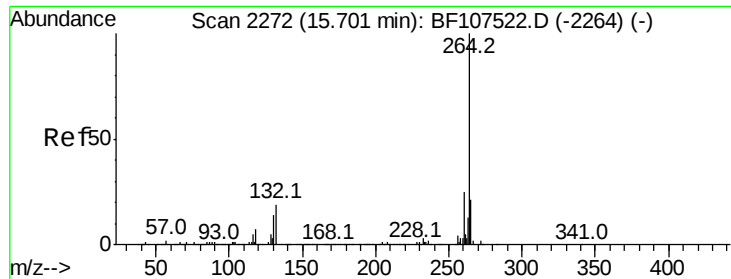
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#82
Chrysene
Concen: 2.695 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.0	25.0	37.6
229	37.6	16.2	24.4





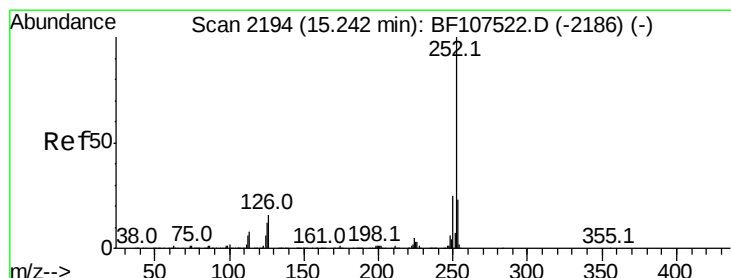
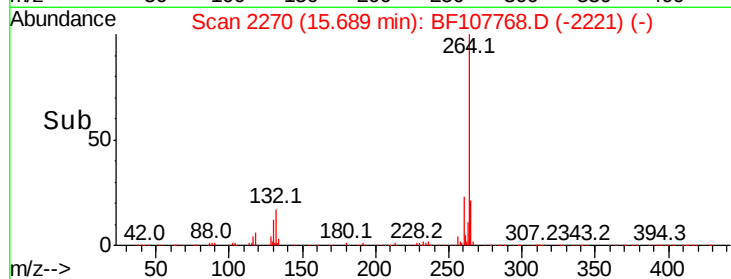
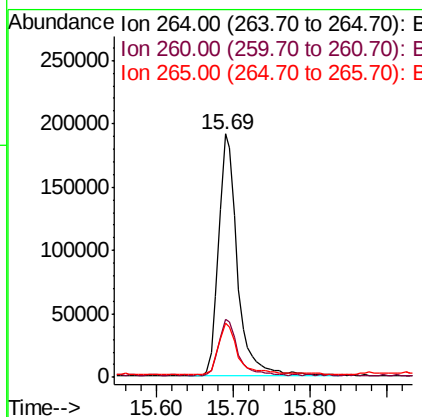
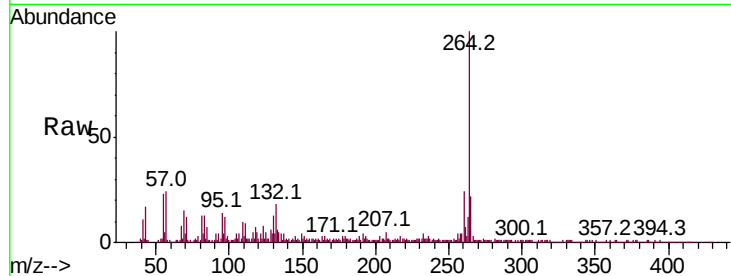
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Instrument :
BNA_F
ClientSampled :
SB-1(11-13)

Tot Ion:	264	Resp:	324040
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	22.3	17.5	26.3

Manual Integrations
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#87
Benzo(b)fluoranthene
Concen: 3.162 ng m
RT: 15.23 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Tgt Ion:	252	Resp:	56075
Ion Ratio	Lower	Upper	
252	100		
253	44.7	17.0	25.6#
125	52.6	9.0	13.6#

