

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
 Data File : BF107764.D
 Acq On : 27 Jul 2018 23:31
 Operator : JU/SJ
 Sample : J4176-01 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SV26835

Manual Integrations
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 7/30/2018 2:03:20 PM

Quant Time: Jul 28 03:47:17 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	131943	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	593443	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	240056	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	411952	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	408815	20.00	ng	-0.02
86) Perylene-d12	15.68	264	349263	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	17020m	2.07	ng	0.06
7) Phenol-d6	6.65	99	20797m	2.11	ng	0.04
23) Nitrobenzene-d5	7.53	82	55730	6.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	23660	8.67	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	144152	4.35	ng	-0.02
78) Terphenyl-d14	13.08	244	108670	6.81	ng	-0.02
Target Compounds						
35) Caprolactam	8.65	113	15498	5.790	ng	Qvalue # 80

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

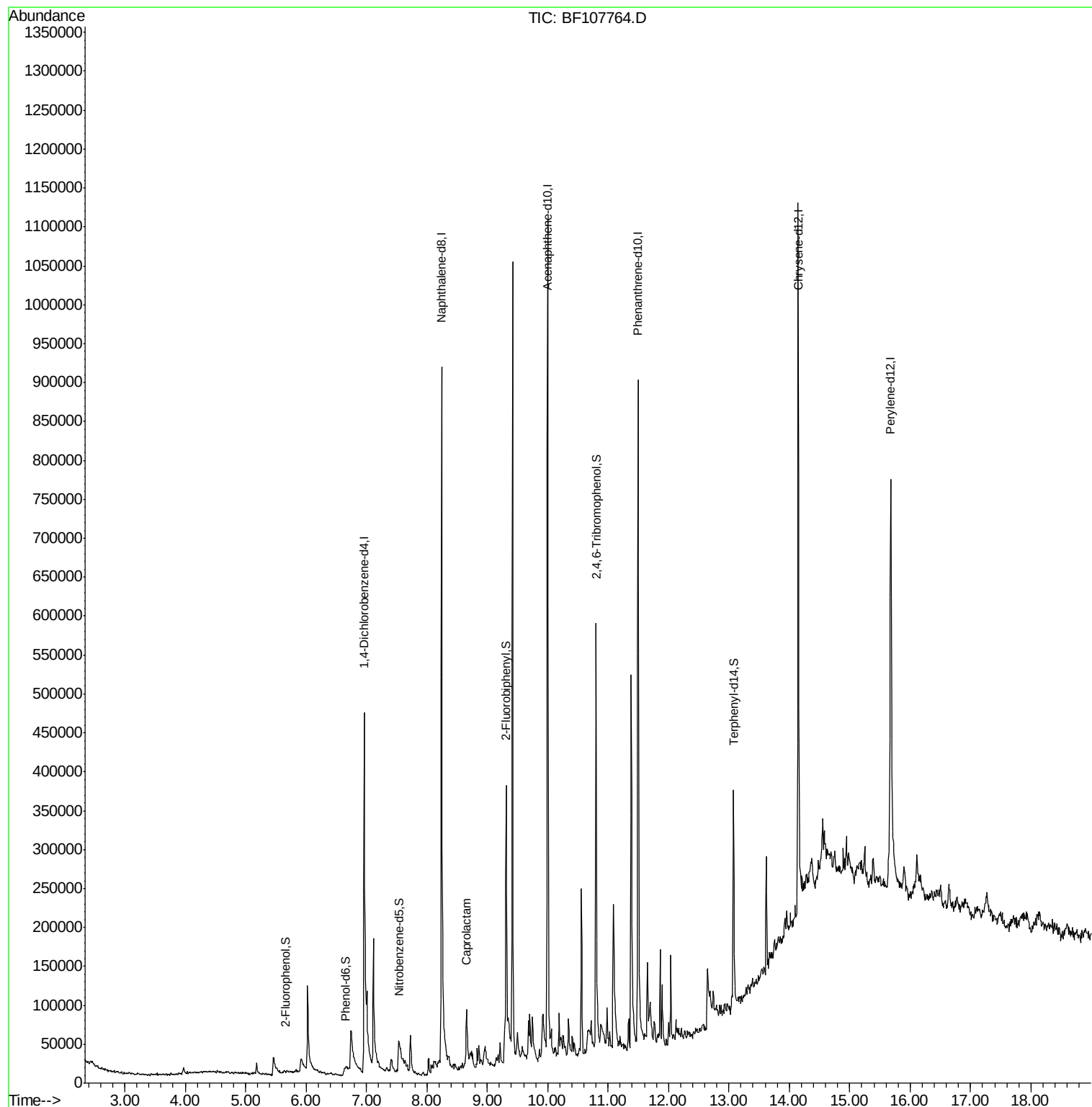
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107764.D
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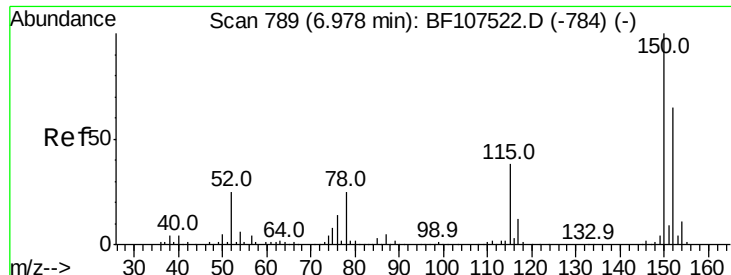
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.96 min Scan# 786

Delta R.T. -0.02 min

Lab File: BF107764.D

Acq: 27 Jul 2018 23:31

Instrument :

BNA_F

ClientSampleId :

SV26835

Tot Ion:152 Resp: 131943

Ion Ratio Lower Upper

152 100

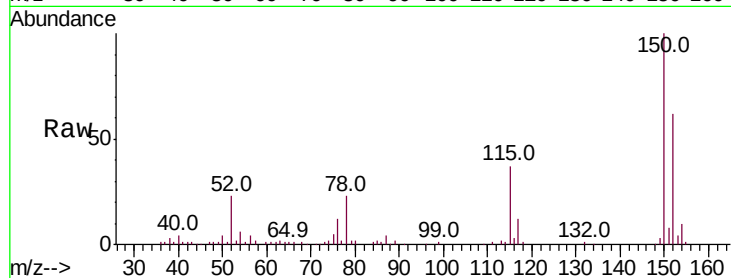
150 160.6 124.6 186.8

115 59.3 50.1 75.1

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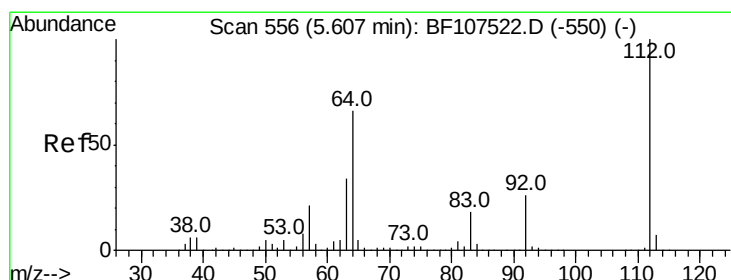
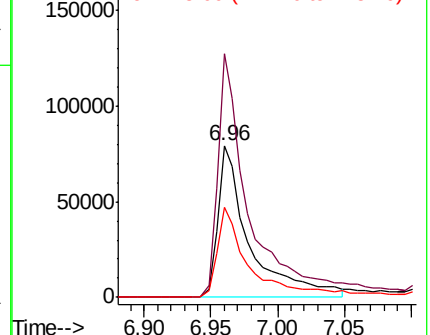
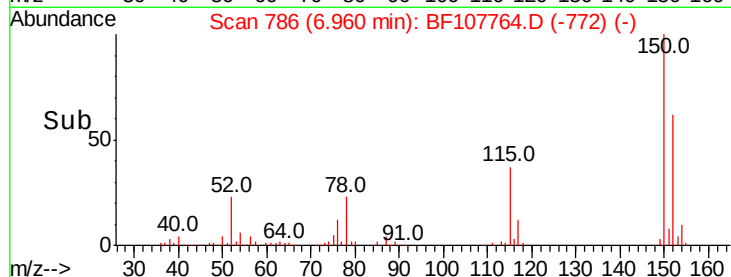
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 2.074 ng m

RT: 5.67 min Scan# 566

Delta R.T. 0.06 min

Lab File: BF107764.D

Acq: 27 Jul 2018 23:31

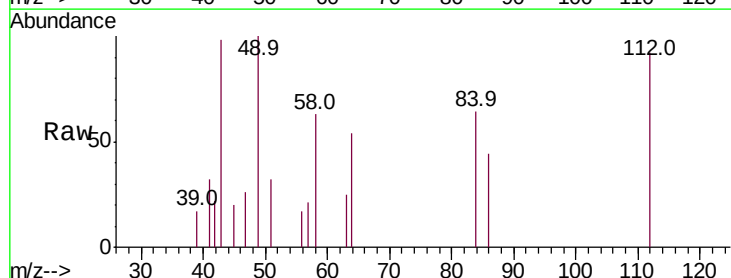
Tgt Ion:112 Resp: 17020

Ion Ratio Lower Upper

112 100

64 58.2 47.9 71.9

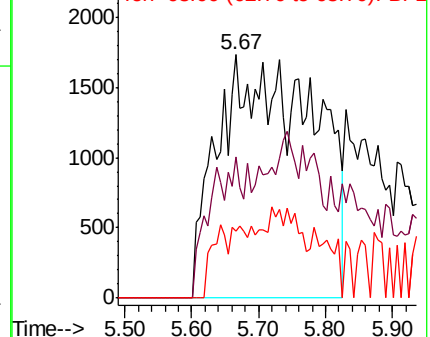
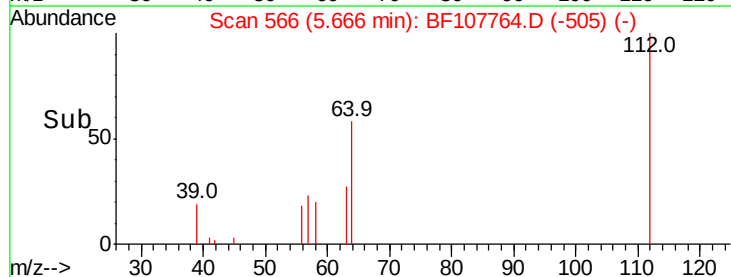
63 27.3 23.7 35.5

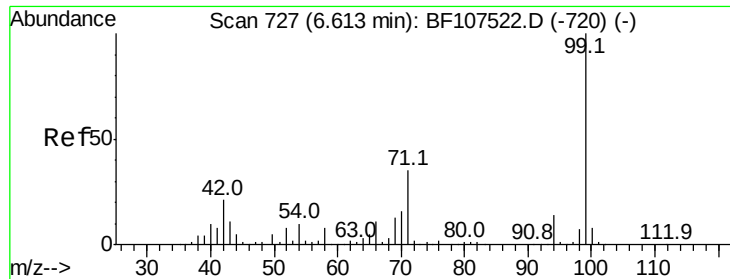


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

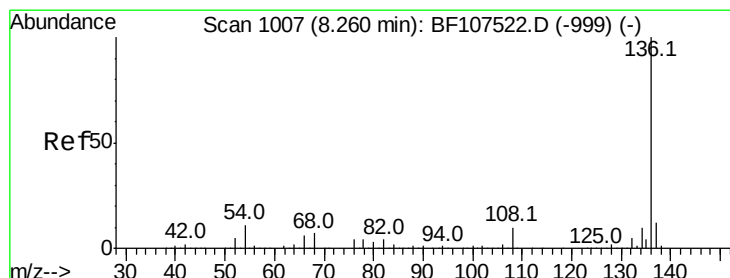
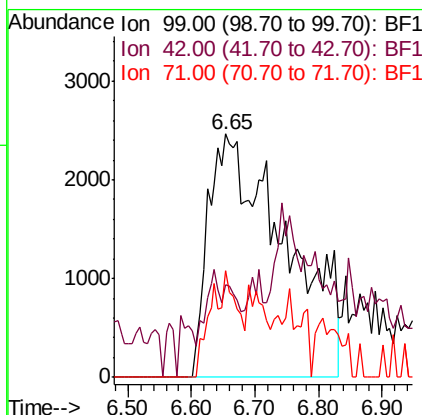
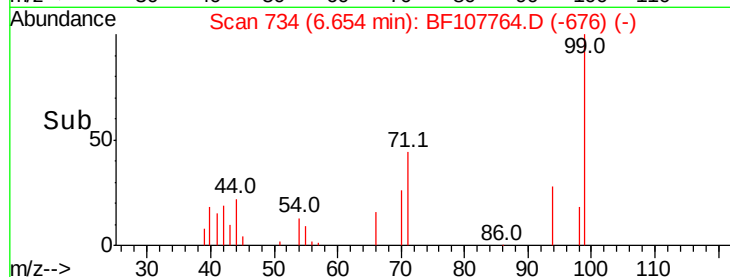
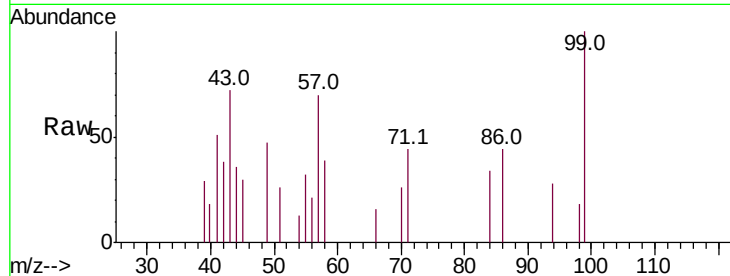
Concen: 2.111 ng/ml
 RT: 6.65 min Scan# 734
 Delta R.T. 0.04 min
 Lab File: BF107764.D
 Acq: 27 Jul 2018 23:31

Instrument :
 BNA_F
 ClientSampleId :
 SV26835

Tot Ion	Ratio	Lower	Upper
99	100		
42	38.2	14.5	21.7#
71	44.0	25.4	38.0#

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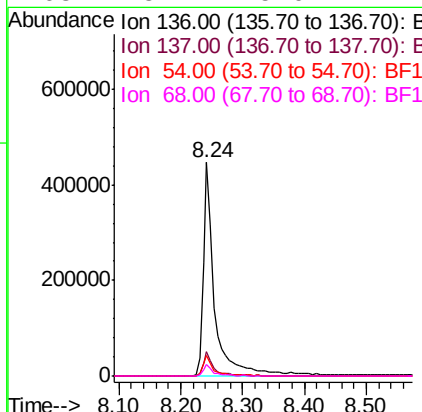
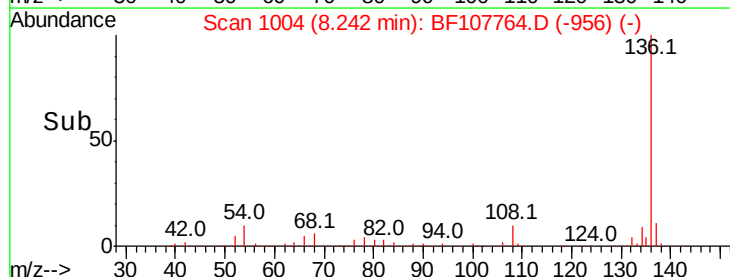
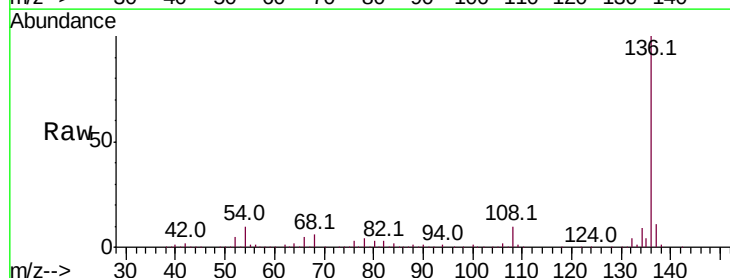


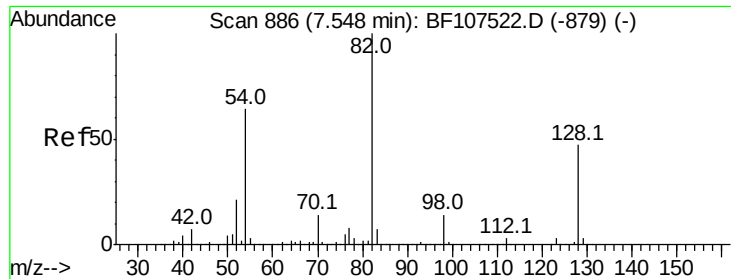
#21

Naphthalene-d8

Concen: 20.000 ng
 RT: 8.24 min Scan# 1004
 Delta R.T. -0.02 min
 Lab File: BF107764.D
 Acq: 27 Jul 2018 23:31

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	9.7	6.6	9.8
68	5.7	5.0	7.4





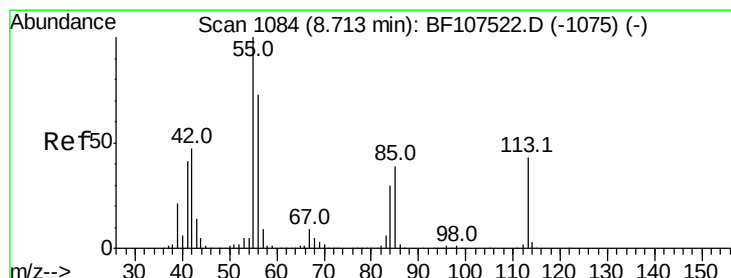
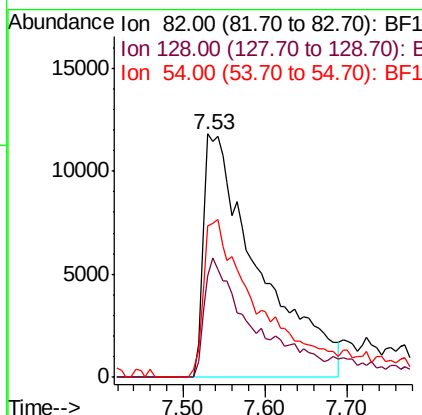
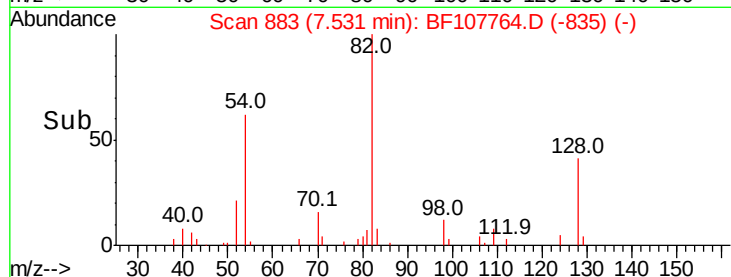
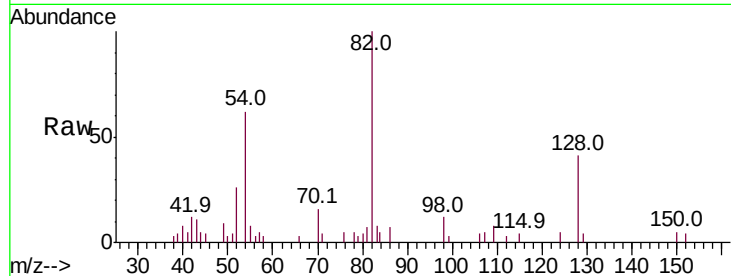
#23
 Nitrobenzene-d5
 Concen: 6.338 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107764.D
 Acq: 27 Jul 2018 23:31

Instrument :
 BNA_F
 ClientSampleId :
 SV26835

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.1	54.1
54	62.4	41.4	62.2#

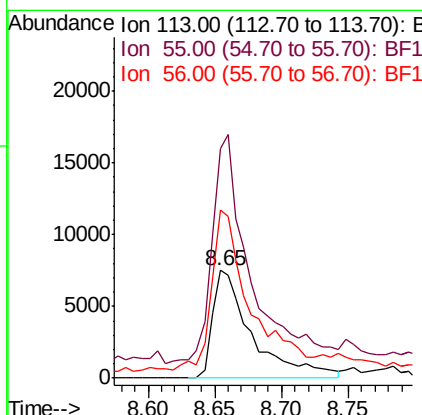
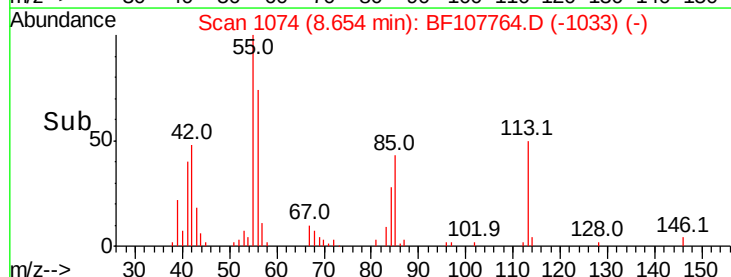
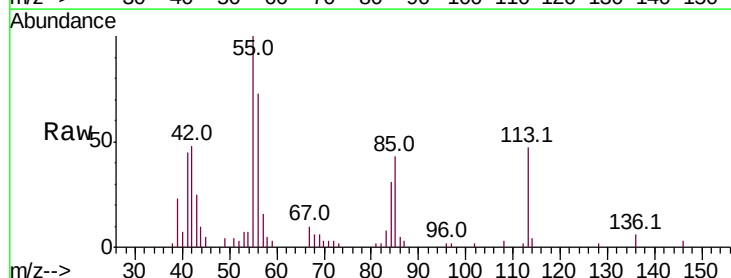
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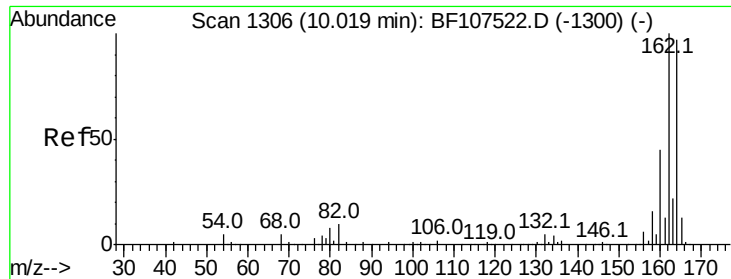
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#35
 Caprolactam
 Concen: 5.790 ng
 RT: 8.65 min Scan# 1074
 Delta R.T. -0.06 min
 Lab File: BF107764.D
 Acq: 27 Jul 2018 23:31

Tgt Ion	Ratio	Lower	Upper
113	100		
55	214.1	163.3	203.3#
56	156.8	115.7	155.7#





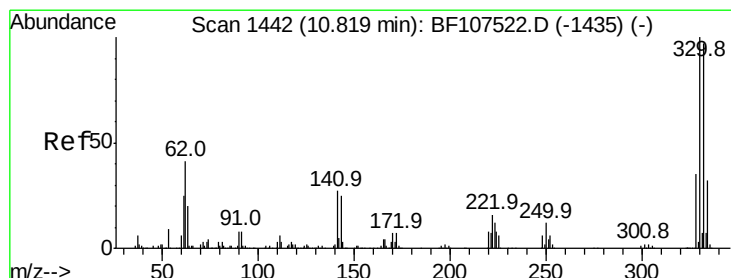
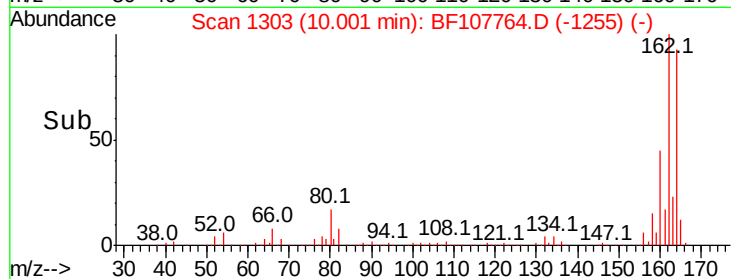
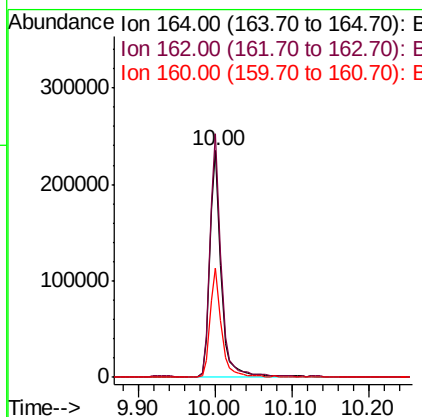
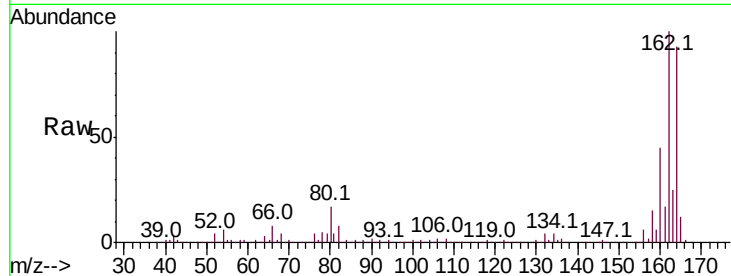
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107764.D
 Acq: 27 Jul 2018 23:31

Instrument :
 BNA_F
 ClientSampleId :
 SV26835

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.3	86.1	129.1
160	47.9	38.3	57.5

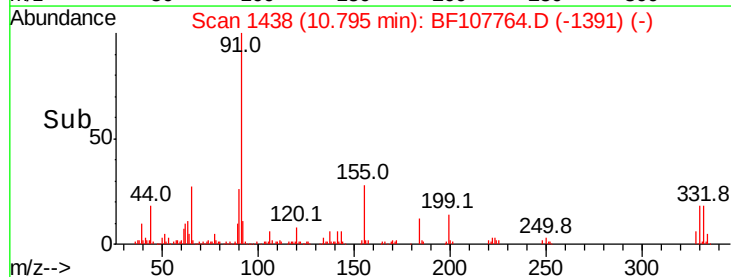
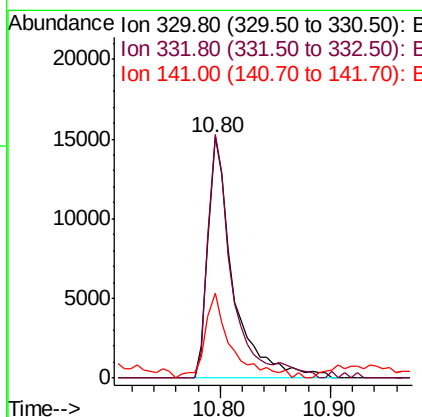
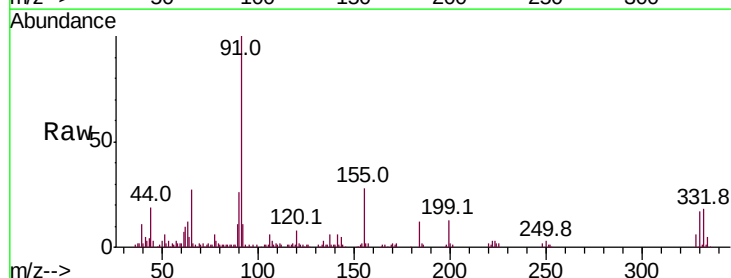
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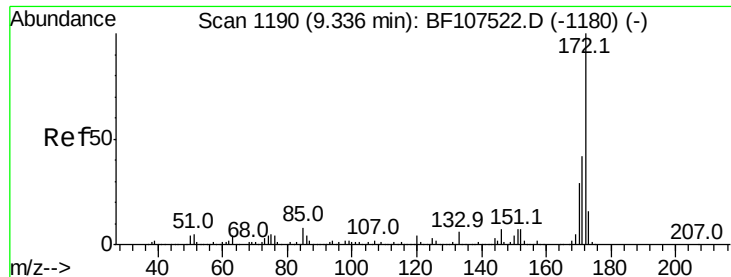
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#41
 2,4,6-Tribromophenol
 Concen: 8.667 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107764.D
 Acq: 27 Jul 2018 23:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	36.8	29.9	44.9





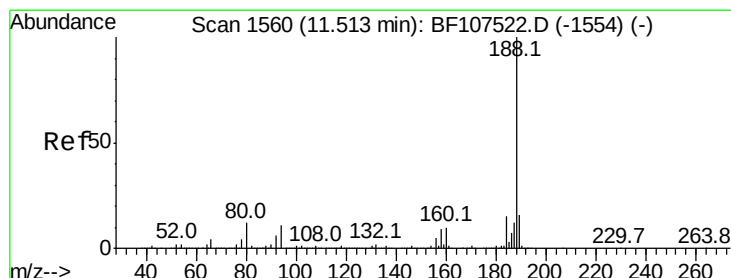
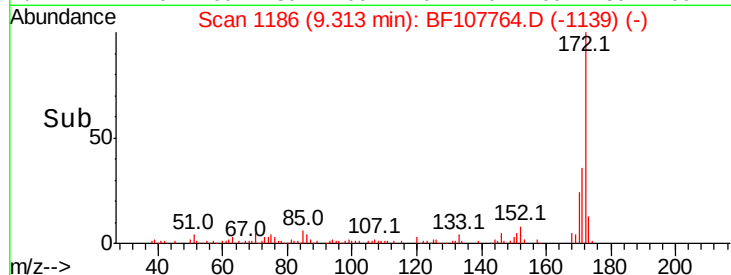
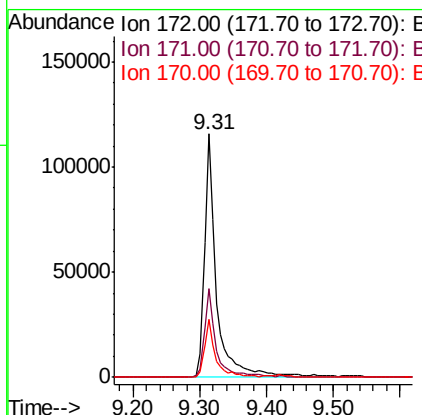
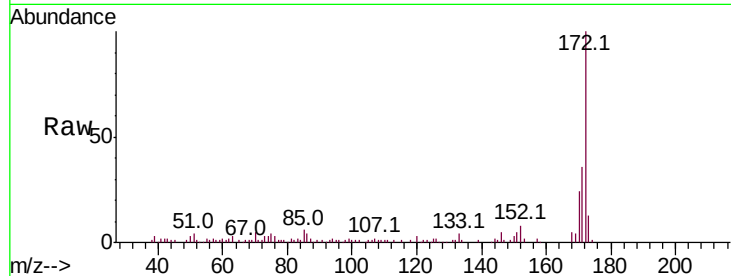
#44
2-Fluorobiphenyl
Concen: 4.346 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF107764.D
Acq: 27 Jul 2018 23:31

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.6	19.6	29.4

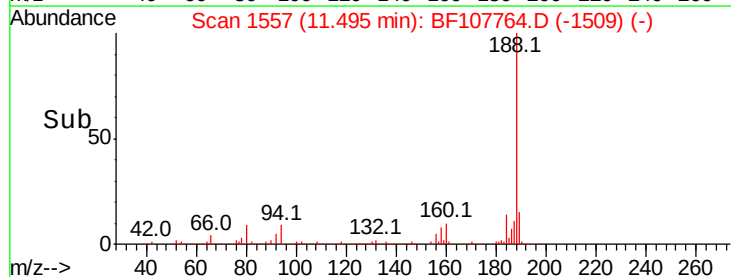
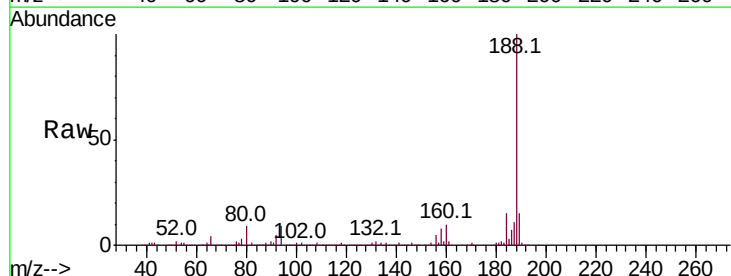
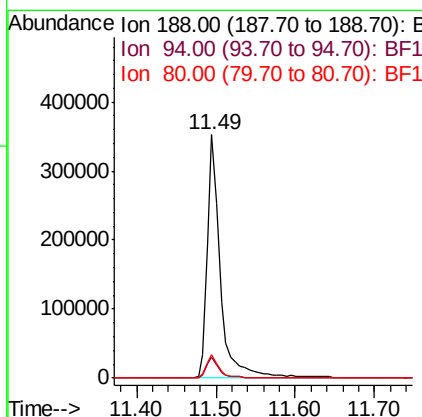
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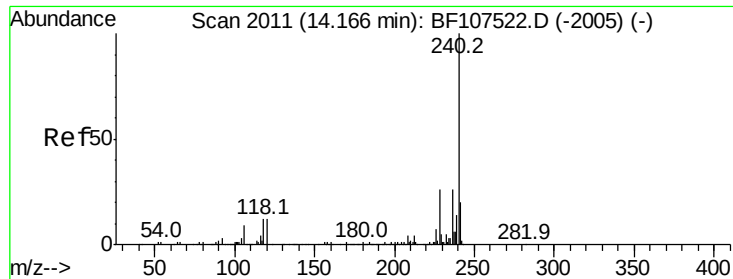
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107764.D
Acq: 27 Jul 2018 23:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.5	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107764.D

Acq: 27 Jul 2018 23:31

Instrument :

BNA_F

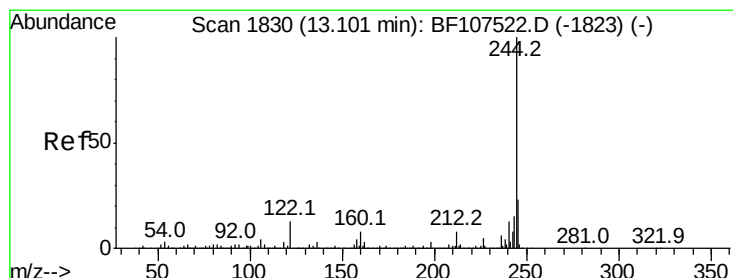
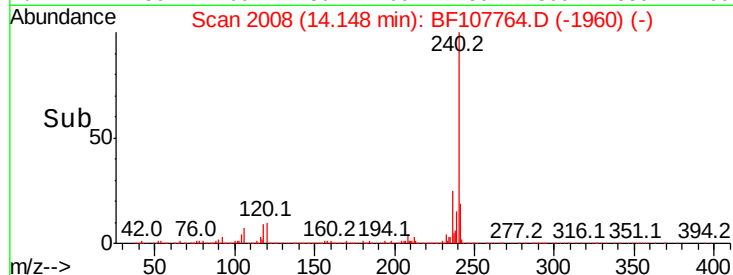
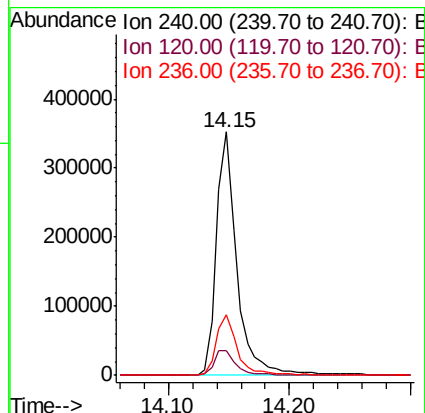
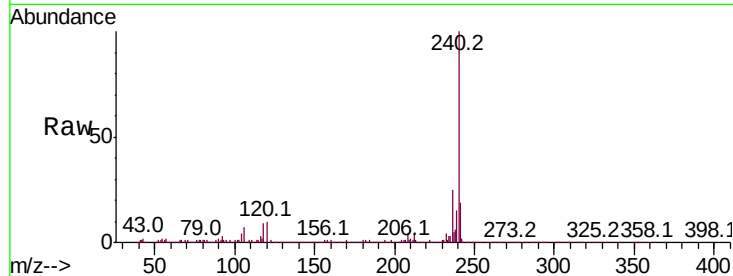
ClientSampleId :

SV26835

Tot Ion:	240	Resp:	408815
Ion Ratio	Lower	Upper	
240	100		
120	10.2	9.5	14.3
236	25.0	20.7	31.1

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#78

Terphenyl-d14

Concen: 6.805 ng

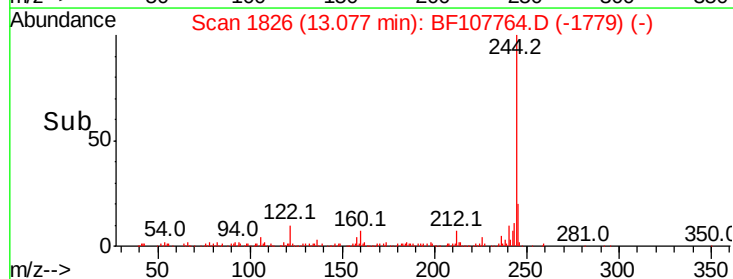
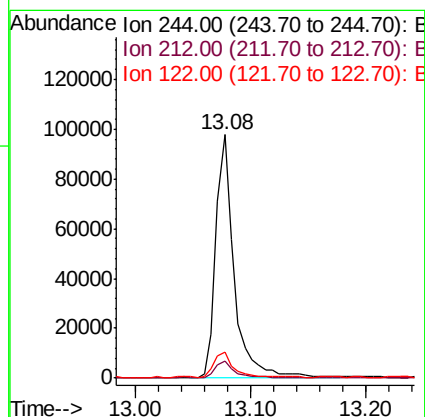
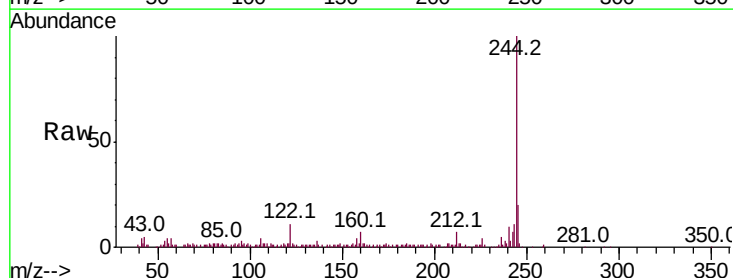
RT: 13.08 min Scan# 1826

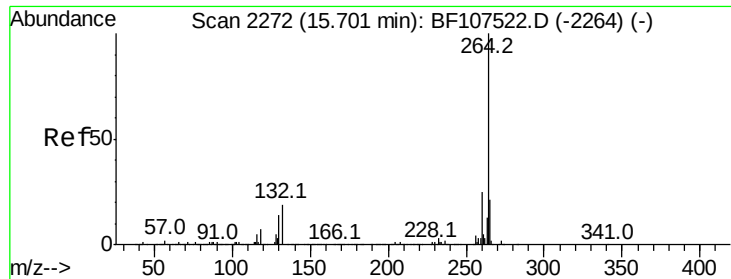
Delta R.T. -0.02 min

Lab File: BF107764.D

Acq: 27 Jul 2018 23:31

Tgt Ion:	244	Resp:	108670
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	10.8	11.0	16.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF107764.D
Acq: 27 Jul 2018 23:31

Instrument :
BNA_F
ClientSampleId :
SV26835

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	17.5	26.3

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