

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106399.D
 Acq On : 13 Jun 2018 18:53
 Operator : JU/SJ
 Sample : J3446-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 02:21:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

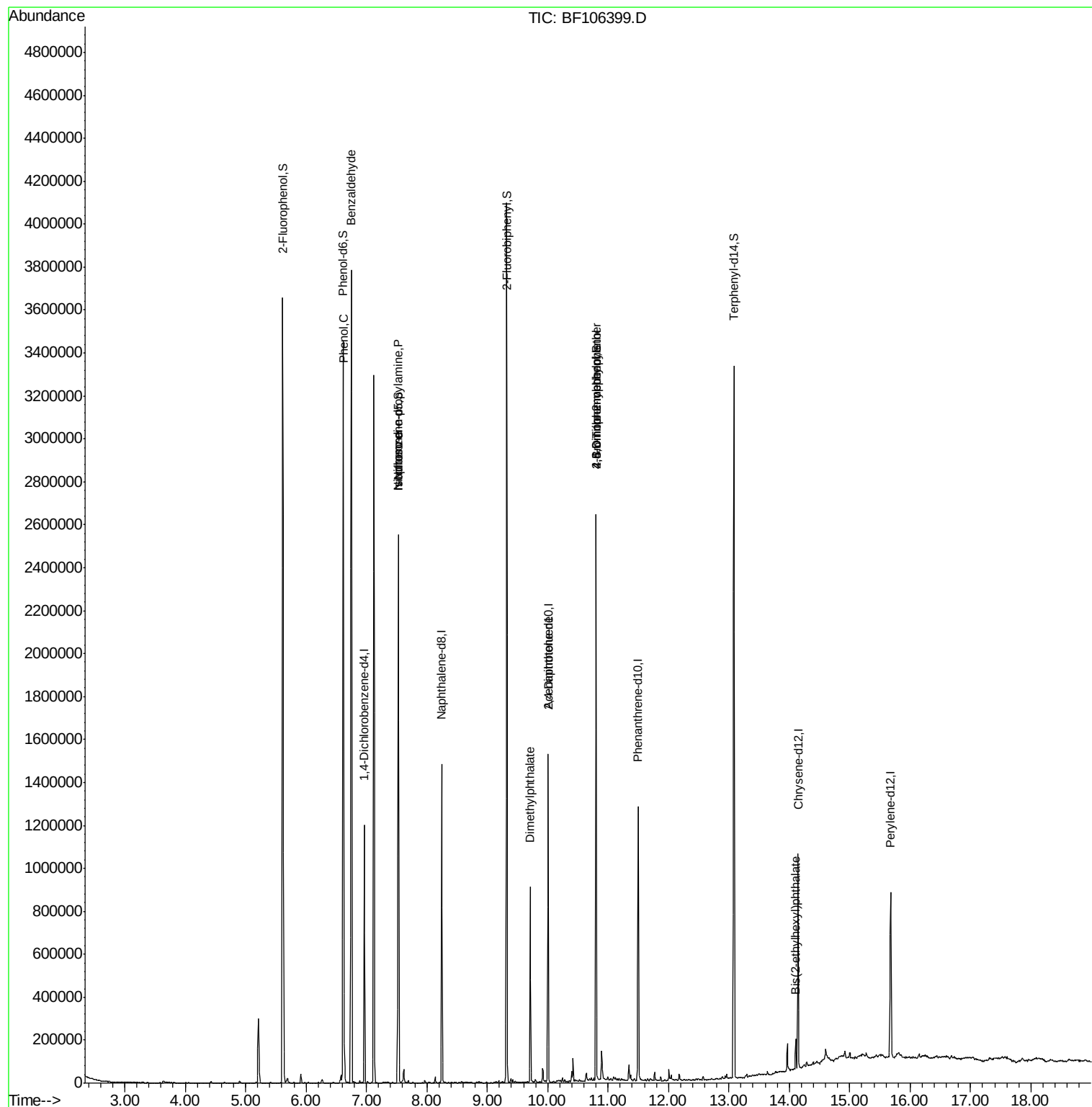
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	156935	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	578330	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	268890	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	477040	20.00	ng	0.00
75) Chrysene-d12	14.14	240	359504	20.00	ng	-0.02
86) Perylene-d12	15.68	264	363253	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1098133	118.43	ng	-0.01
7) Phenol-d6	6.61	99	1341047	114.47	ng	-0.01
23) Nitrobenzene-d5	7.53	82	928016	94.40	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	376770	145.63	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1316786	87.91	ng	0.00
78) Terphenyl-d14	13.08	244	1144631	79.08	ng	0.00
Target Compounds						
9) Benzaldehyde	6.75	77	24801	2.791	ng	83
10) Phenol	6.62	94	40925	3.200	ng	# 74
19) n-Nitroso-di-n-propylamine	7.53	70	129045	14.683	ng	# 73
25) Isophorone	7.53	82	928001	48.329	ng	# 64
49) Dimethylphthalate	9.71	163	301578	15.698	ng	99
56) 2,4-Dinitrotoluene	10.01	165	34473	6.996	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.81	198	801	6.565	ng	# 58
66) 4-Bromophenyl-phenylether	10.80	248	24856	4.581	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.11	149	33091	2.739	ng	# 99

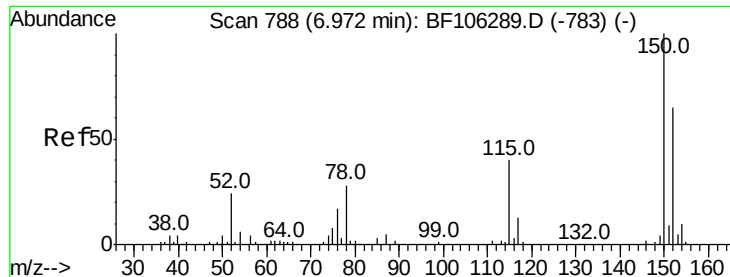
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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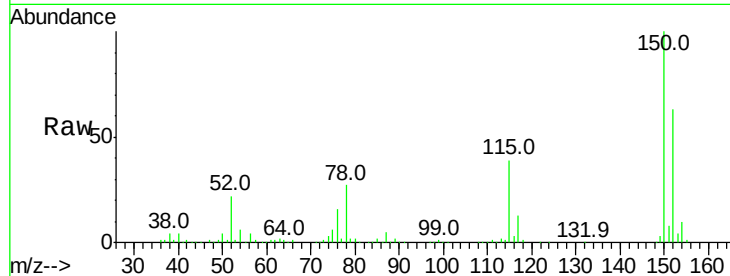


#1

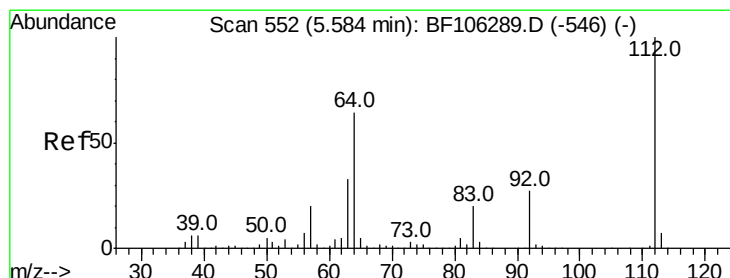
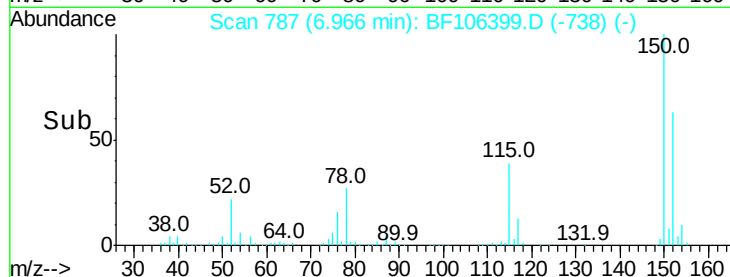
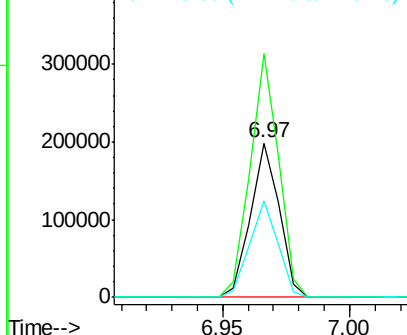
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106399.D
Acq: 13 Jun 2018 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156935
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 62.2 50.1 75.1



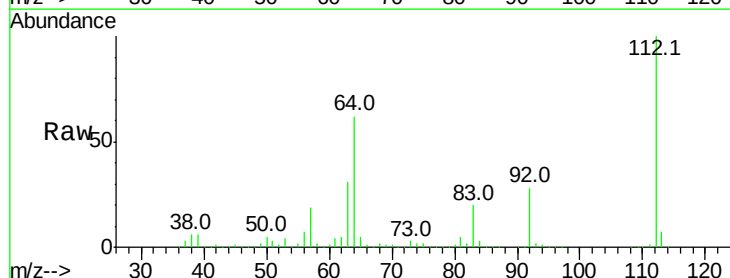
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



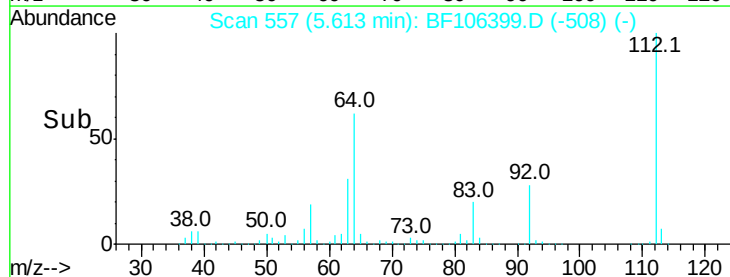
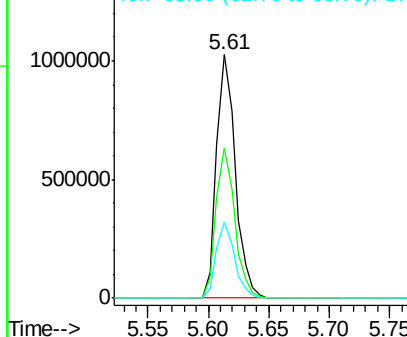
#5

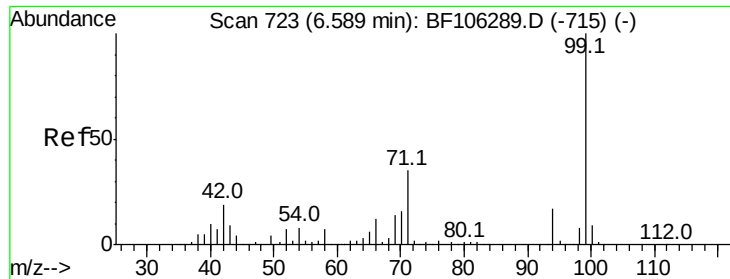
2-Fluorophenol
Concen: 118.430 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF106399.D
Acq: 13 Jun 2018 18:53

Tgt Ion:112 Resp: 1098133
Ion Ratio Lower Upper
112 100
64 61.8 47.9 71.9
63 31.3 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: 114.475 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106399.D

Acq: 13 Jun 2018 18:53

Instrument :

BNA_F

ClientSampleId :

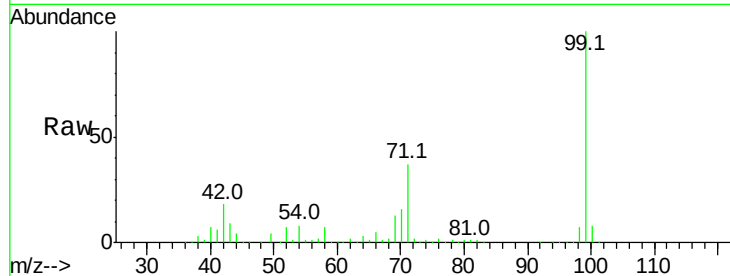
Tot Ion: 99 Resp: 1341047

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.5	21.7
71	36.8	25.4	38.0

99 100

42 18.5 14.5 21.7

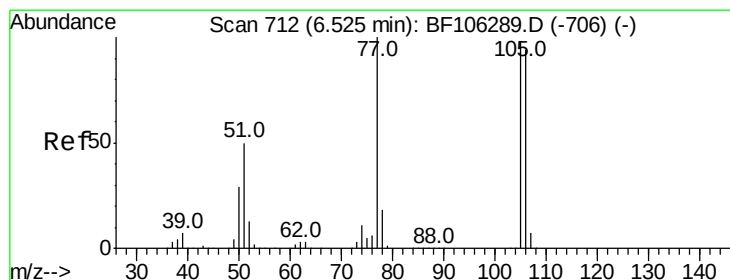
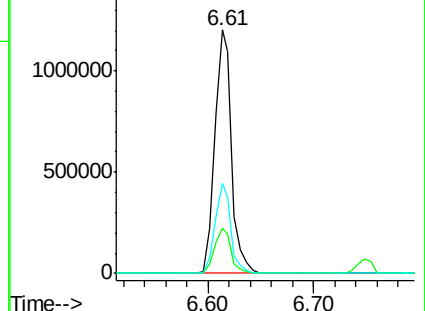
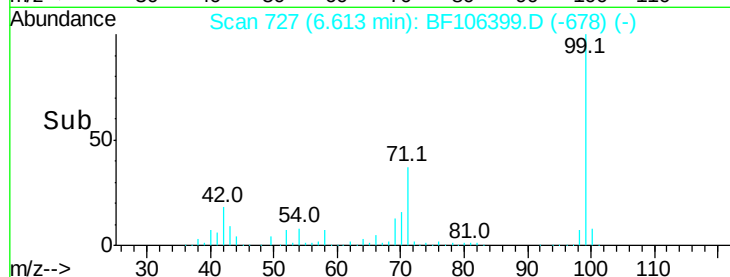
71 36.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.791 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF106399.D

Acq: 13 Jun 2018 18:53

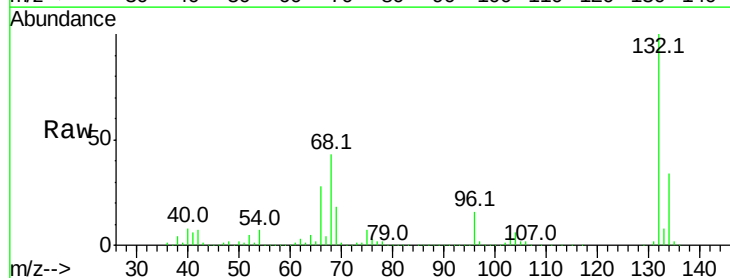
Tgt Ion: 77 Resp: 24801

Ion	Ratio	Lower	Upper
77	100		
105	83.6	81.1	121.1
106	77.5	74.5	114.5

77 100

105 83.6 81.1 121.1

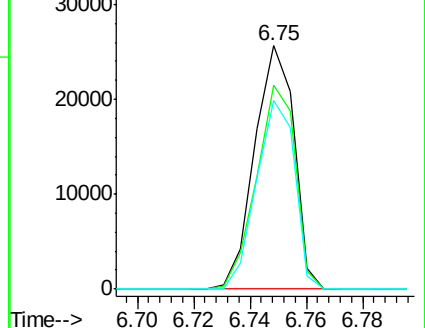
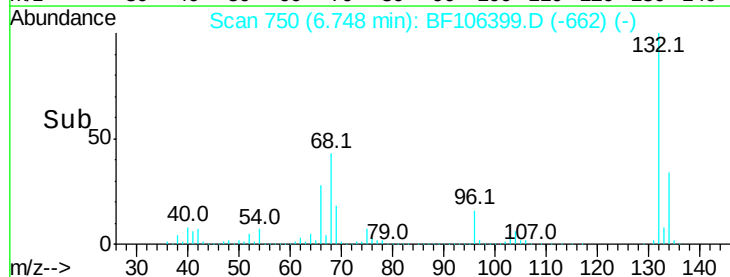
106 77.5 74.5 114.5

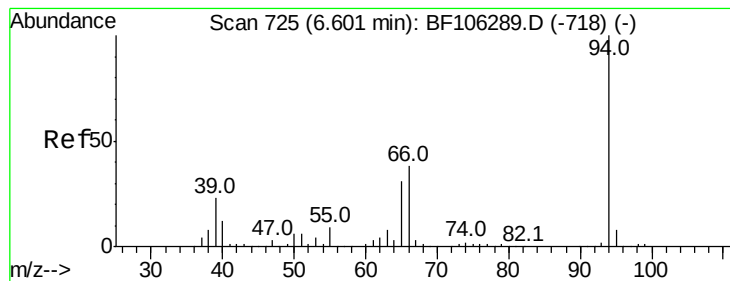


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 3.200 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF106399.D

Acq: 13 Jun 2018 18:53

Instrument :

BNA_F

ClientSampleId :

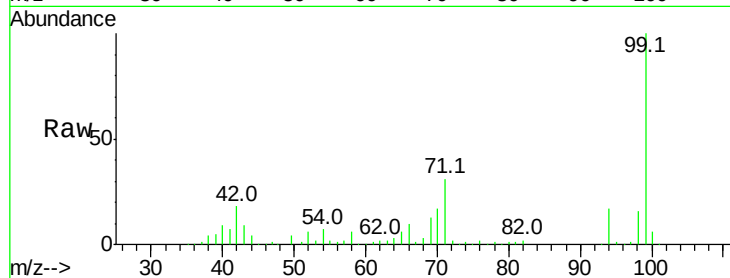
Tot Ion: 94 Resp: 40925

Ion Ratio Lower Upper

94 100

65 33.6 7.9 47.9

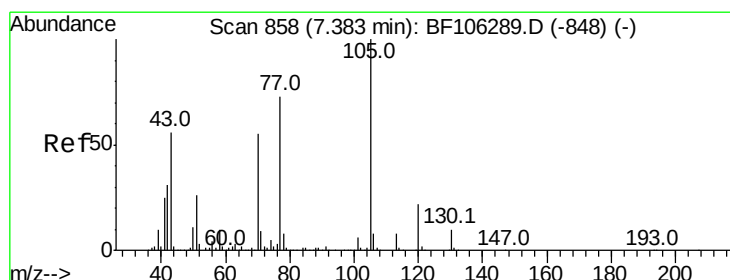
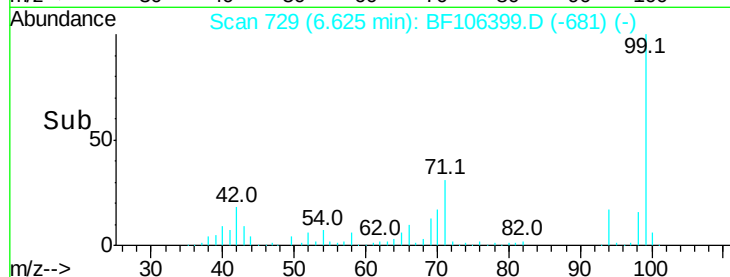
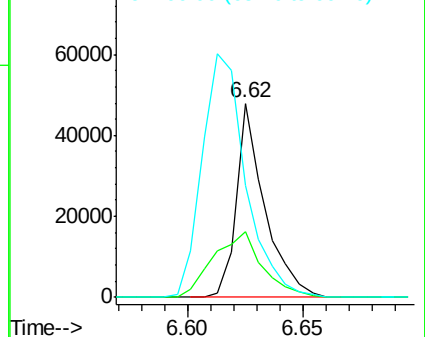
66 57.9 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 14.683 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF106399.D

Acq: 13 Jun 2018 18:53

Tgt Ion: 70 Resp: 129045

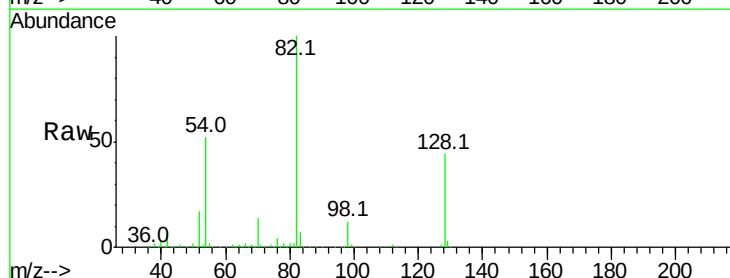
Ion Ratio Lower Upper

70 100

42 42.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

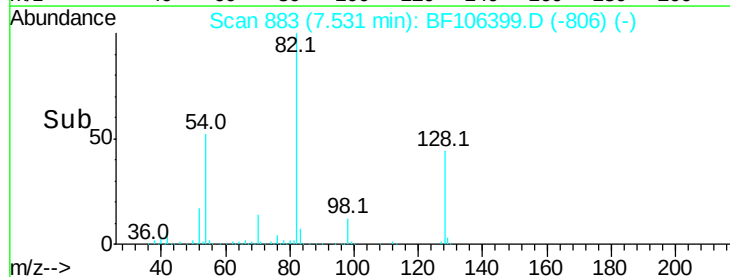
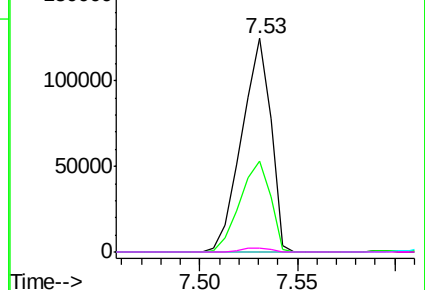


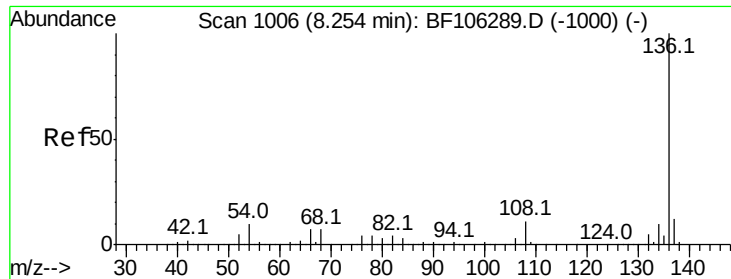
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

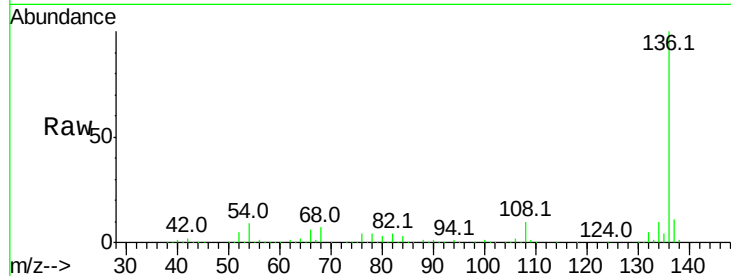




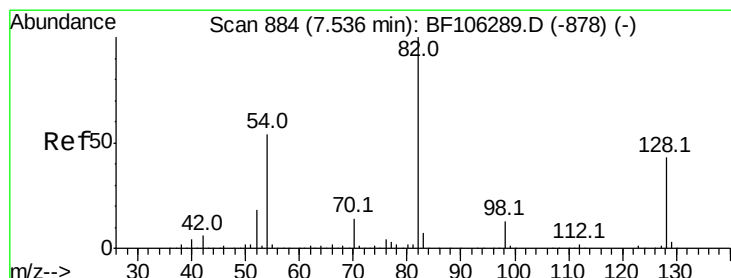
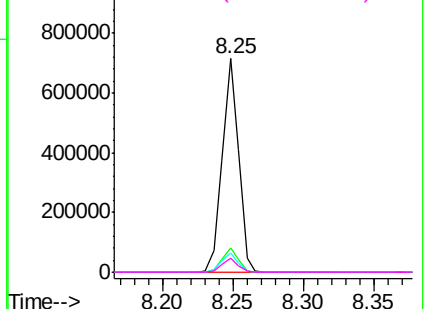
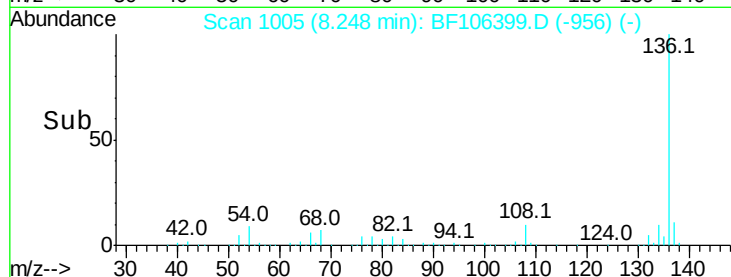
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106399.D
Acq: 13 Jun 2018 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	578330
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.2	6.6	9.8
68	6.7	5.0	7.4

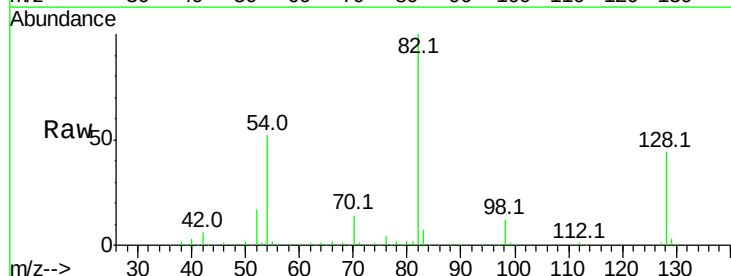


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

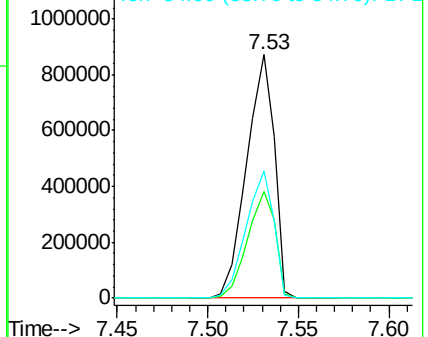
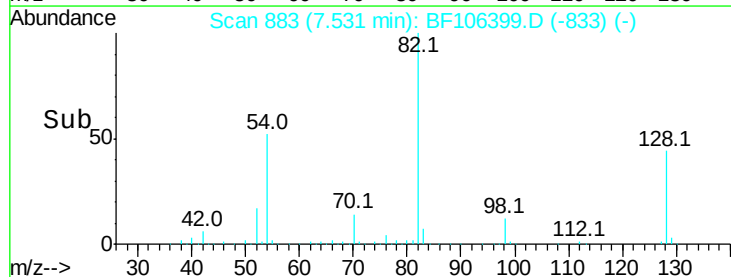


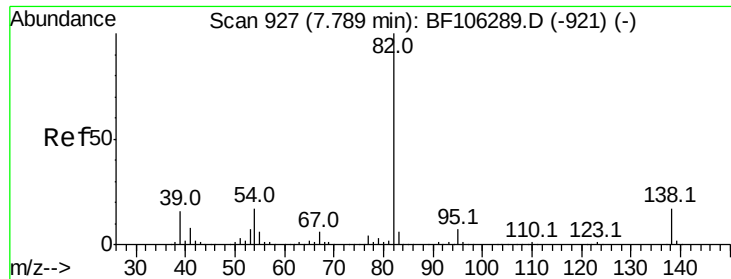
#23
Nitrobenzene-d5
Concen: 94.399 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106399.D
Acq: 13 Jun 2018 18:53

Tgt Ion:	82	Resp:	928016
Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	52.0	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





#25

Isophorone

Concen: 48.329 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF106399.D

Acq: 13 Jun 2018 18:53

Instrument :

BNA_F

ClientSampled :

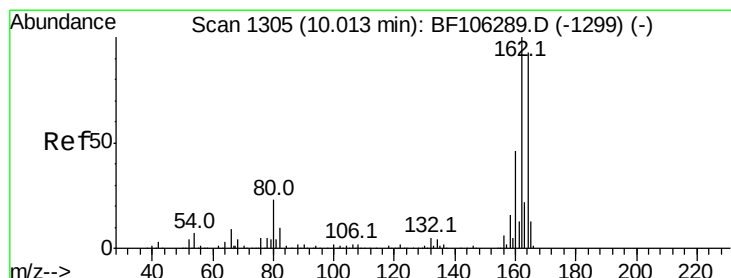
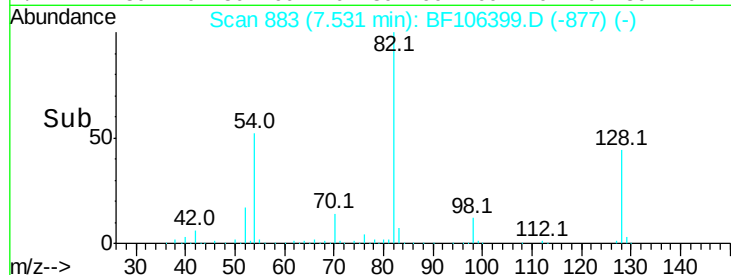
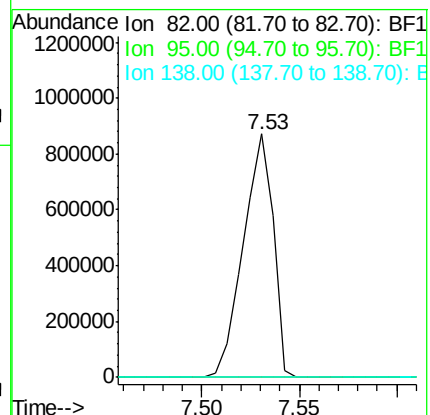
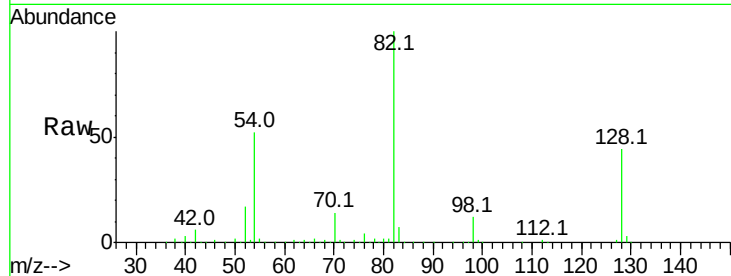
Tot Ion: 82 Resp: 928001

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF106399.D

Acq: 13 Jun 2018 18:53

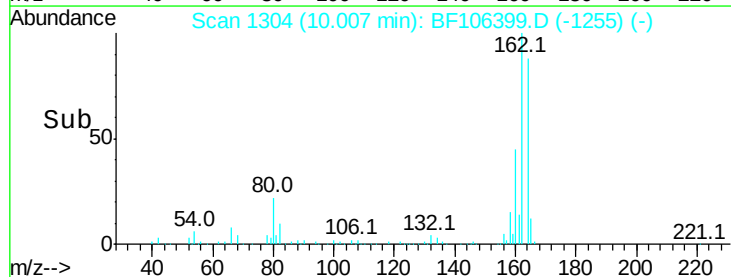
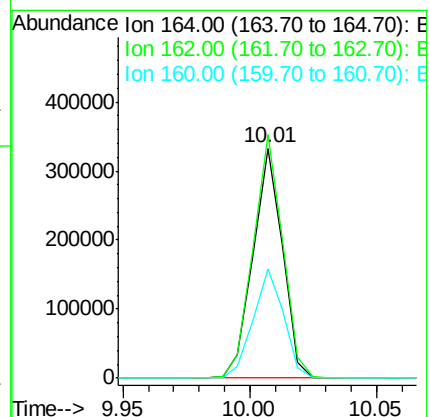
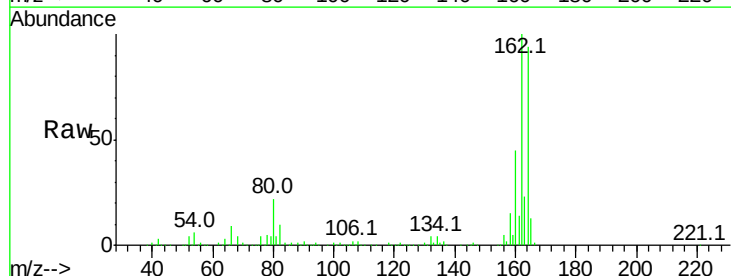
Tgt Ion:164 Resp: 268890

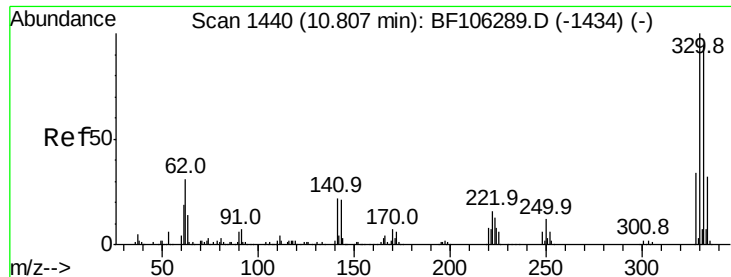
Ion Ratio Lower Upper

164 100

162 106.0 86.1 129.1

160 47.7 38.3 57.5

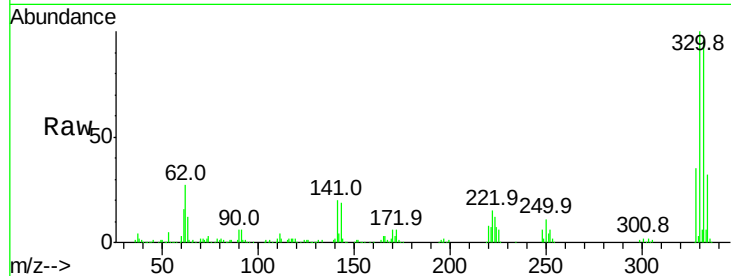




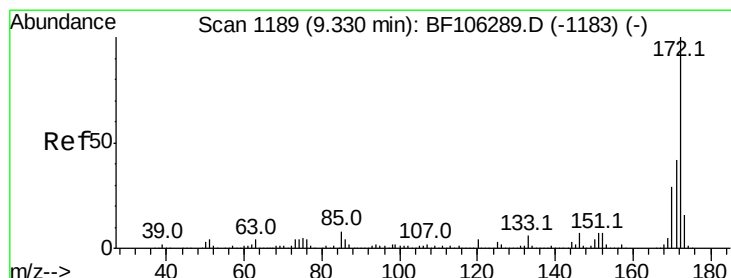
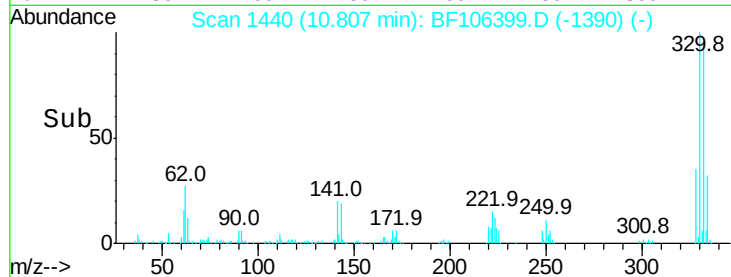
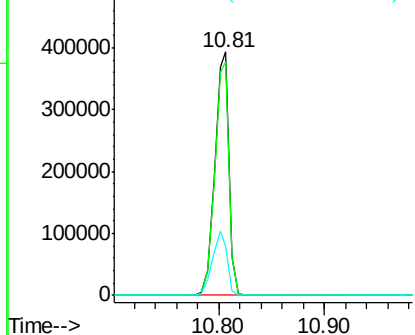
#41
 2,4,6-Tribromophenol
 Concen: 145.629 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF106399.D
 Acq: 13 Jun 2018 18:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 376770
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 27.4 29.9 44.9#

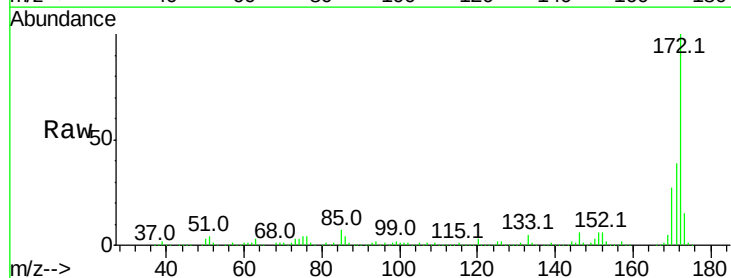


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

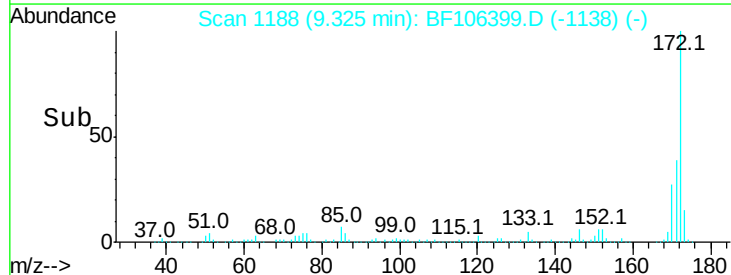
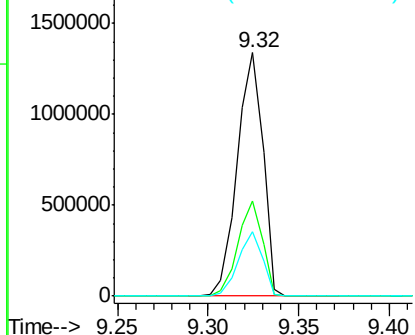


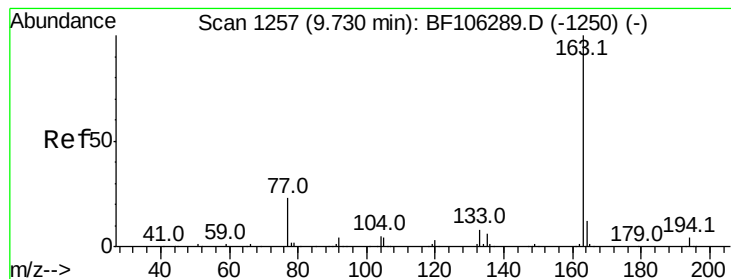
#44
 2-Fluorobiphenyl
 Concen: 87.907 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106399.D
 Acq: 13 Jun 2018 18:53

Tgt Ion:172 Resp: 1316786
 Ion Ratio Lower Upper
 172 100
 171 39.1 29.7 44.5
 170 26.7 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: 15.698 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF106399.D

Acq: 13 Jun 2018 18:53

Instrument :

BNA_F

ClientSampled :

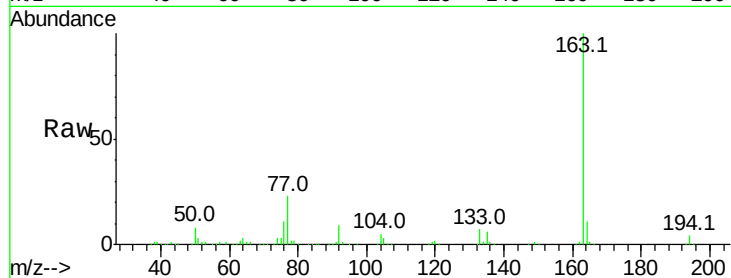
Tot Ion:163 Resp: 301578

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

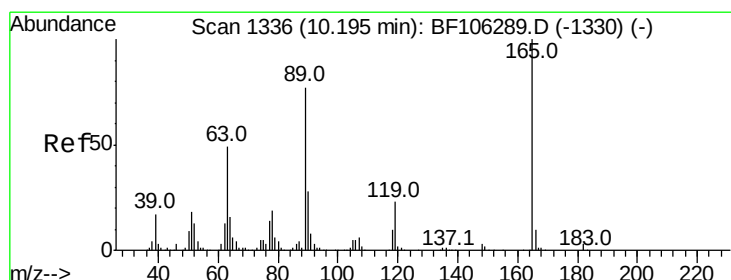
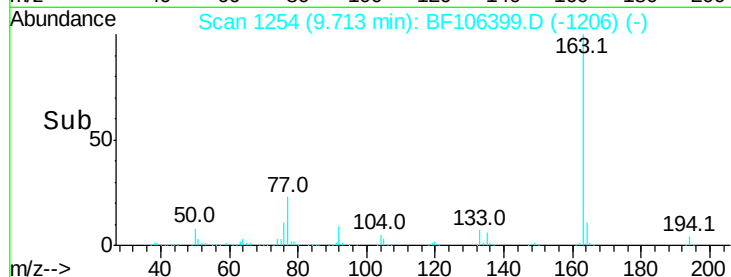
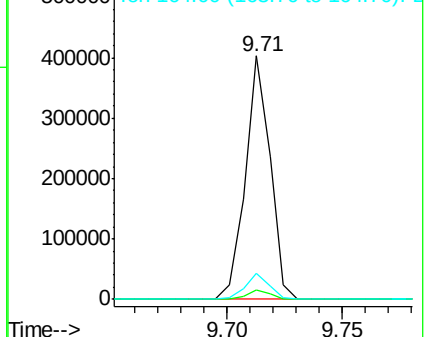
164 10.7 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.996 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.19 min

Lab File: BF106399.D

Acq: 13 Jun 2018 18:53

Tgt Ion:165 Resp: 34473

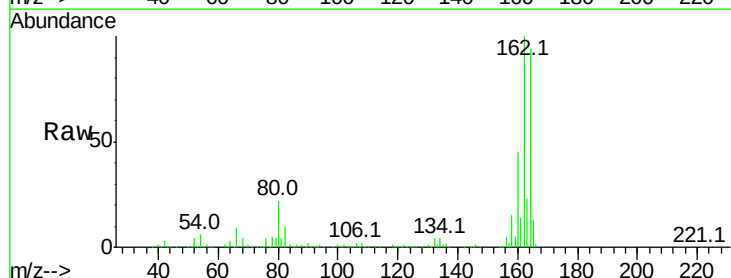
Ion Ratio Lower Upper

165 100

63 1.0 36.4 54.6#

89 1.8 57.8 86.6#

182 0.0 1.6 2.4#

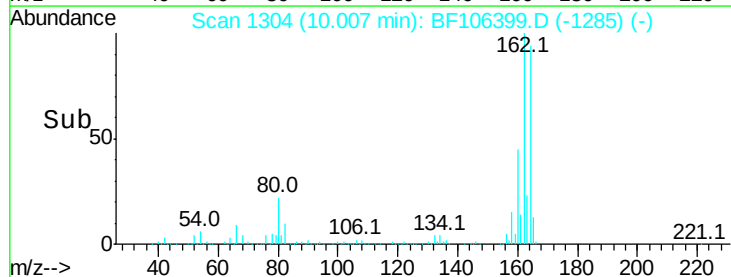
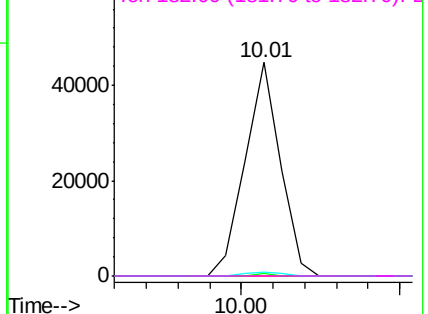


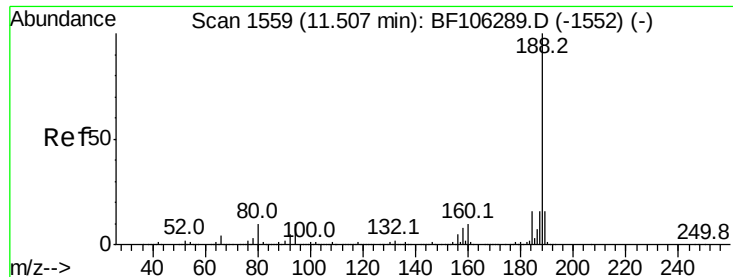
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

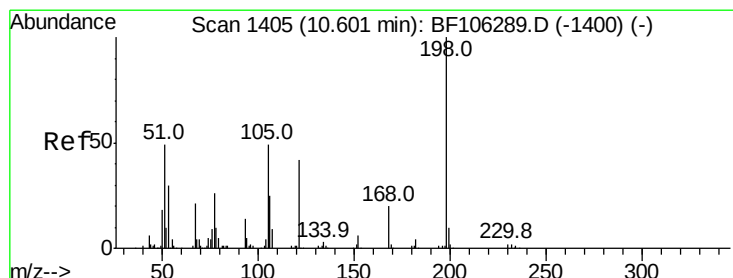
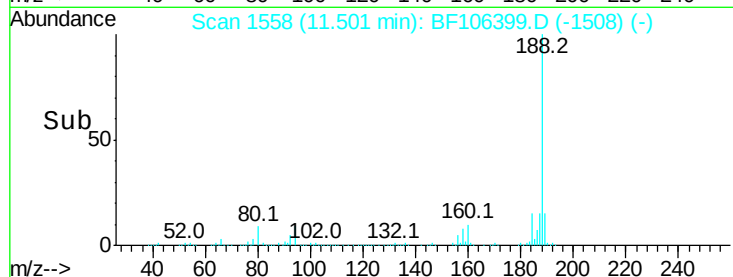
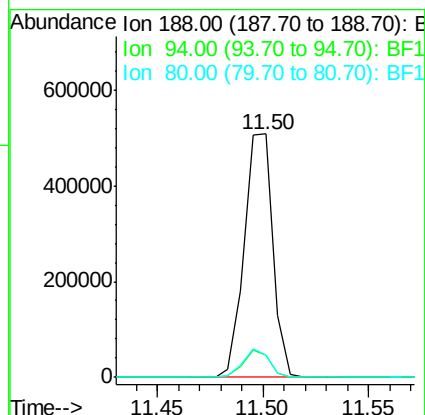
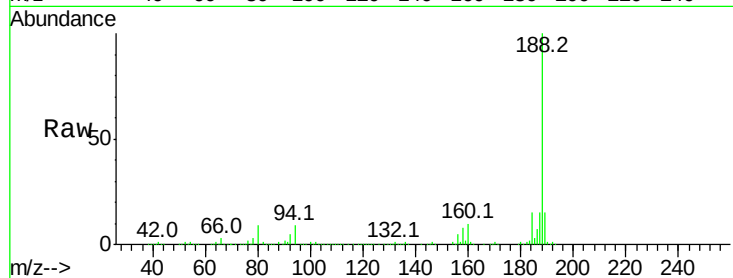




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106399.D
Acq: 13 Jun 2018 18:53

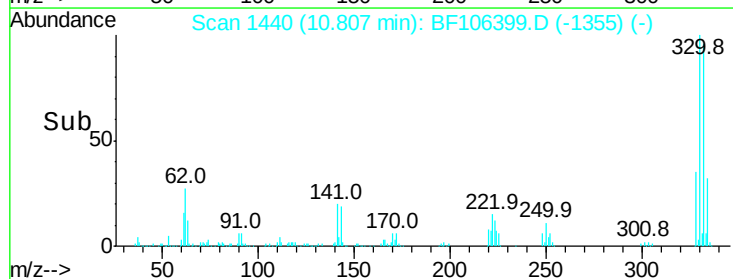
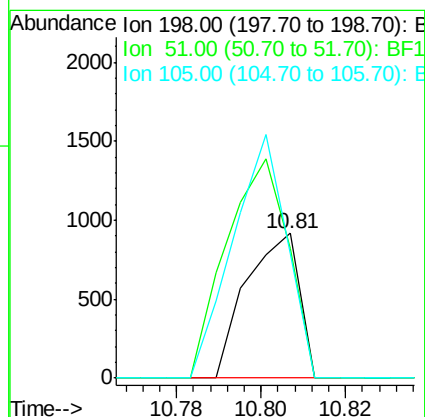
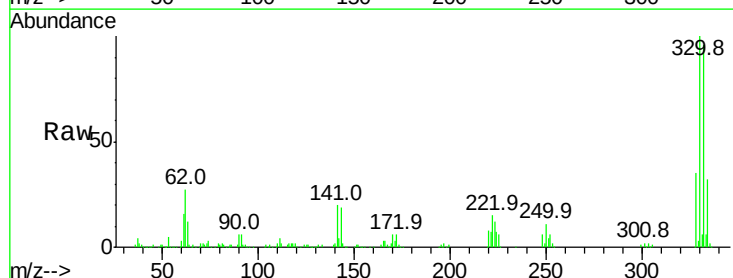
Instrument :
BNA_F
ClientSampleId :

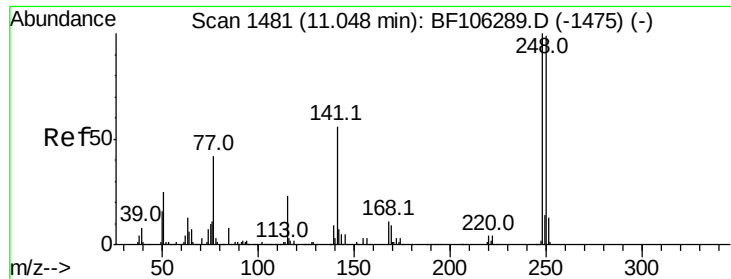
Tot Ion:188 Resp: 477040
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 9.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.565 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.20 min
Lab File: BF106399.D
Acq: 13 Jun 2018 18:53

Tgt Ion:198 Resp: 801
Ion Ratio Lower Upper
198 100
51 89.2 37.7 77.7#
105 86.4 36.3 76.3#

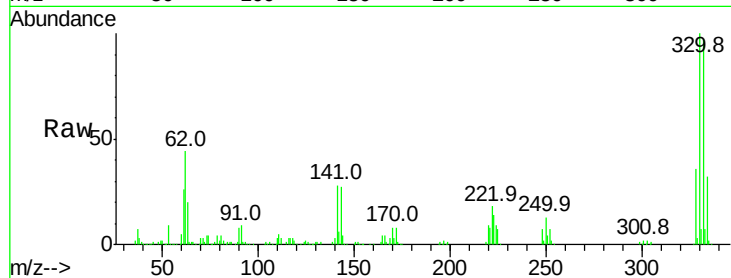




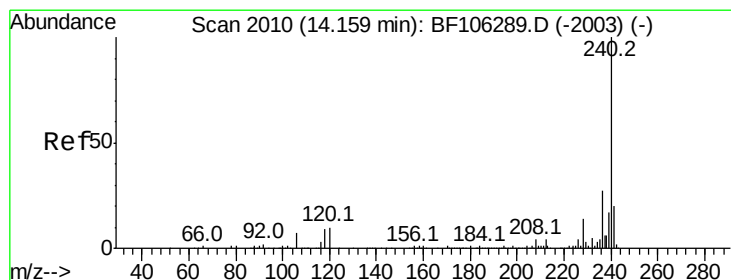
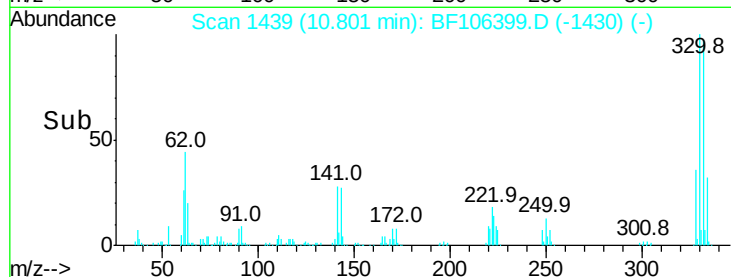
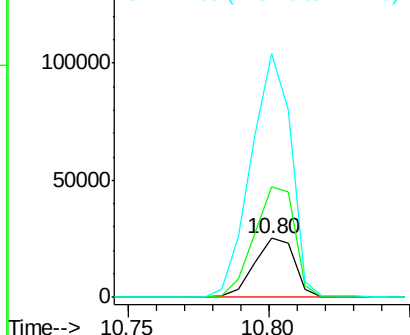
#66
4-Bromophenyl-phenylether
Concen: 4.581 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF106399.D
Acq: 13 Jun 2018 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 24856
Ion Ratio Lower Upper
248 100
250 187.9 76.9 115.3#
141 413.5 74.4 111.6#

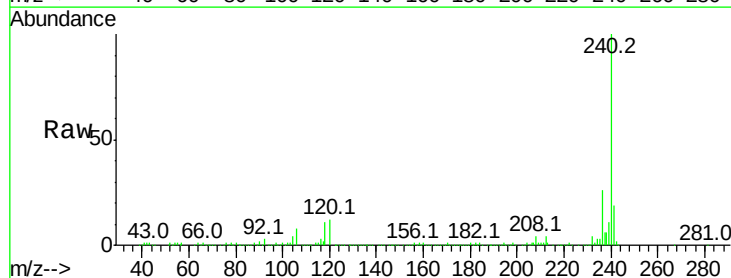


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

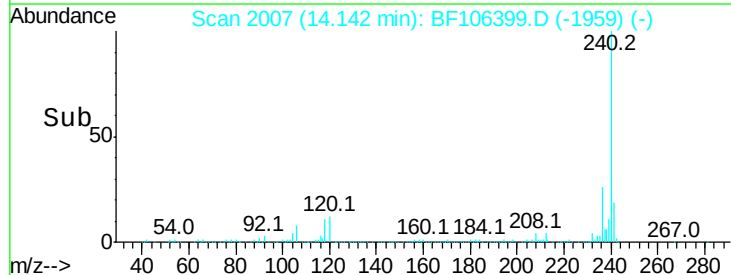
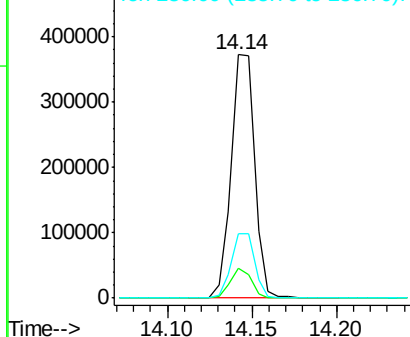


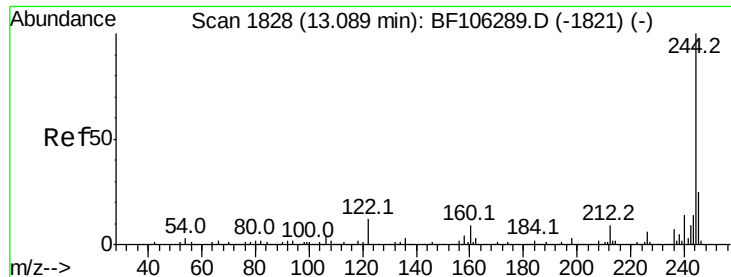
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106399.D
Acq: 13 Jun 2018 18:53

Tgt Ion:240 Resp: 359504
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 26.4 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

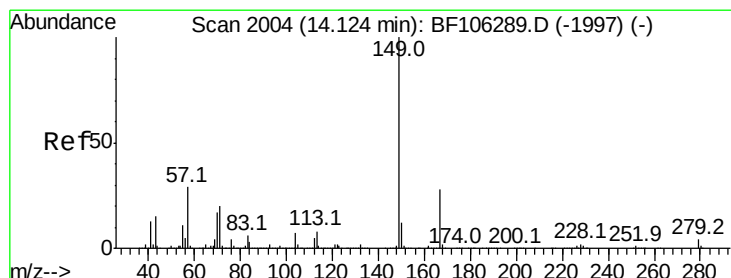
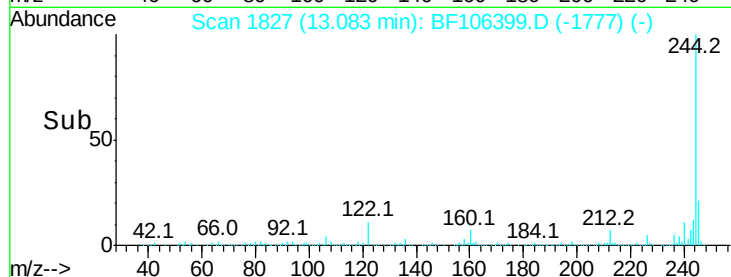
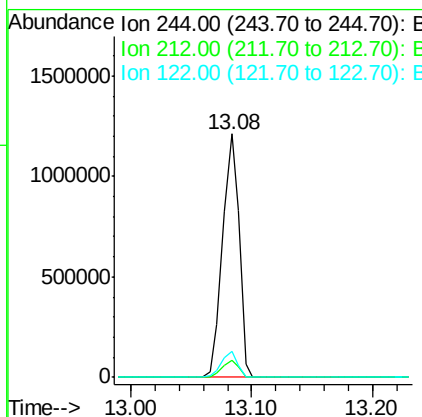
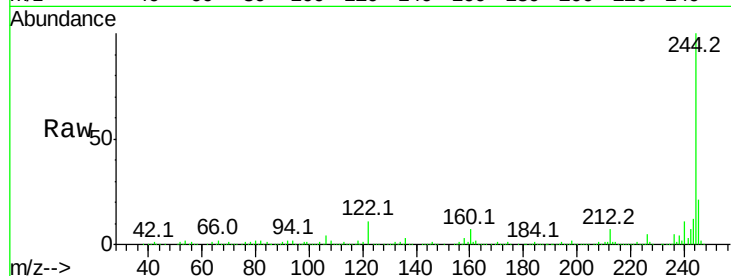




#78
 Terphenyl-d14
 Concen: 79.082 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BF106399.D
 Acq: 13 Jun 2018 18:53

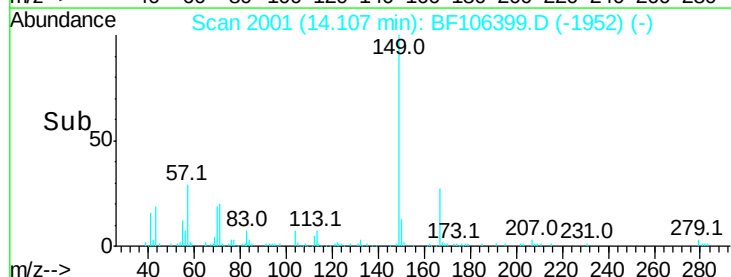
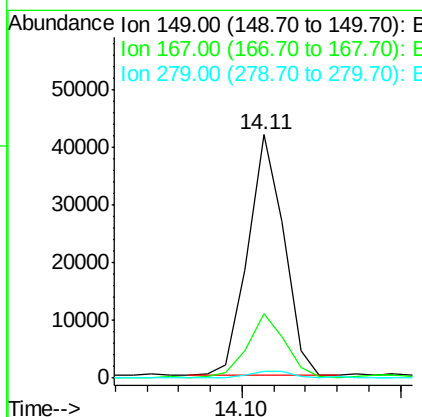
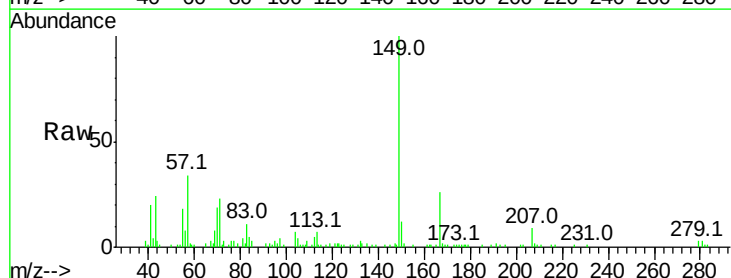
Instrument :
 BNA_F
 ClientSampleId :

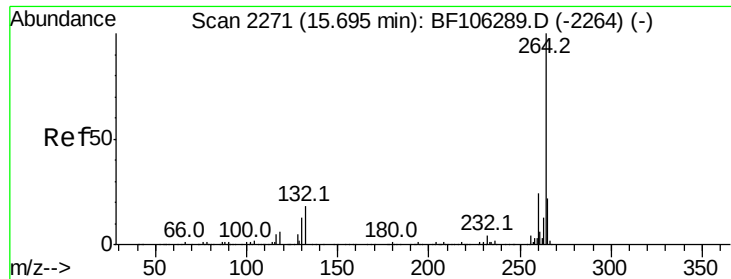
Tot Ion:244 Resp: 1144631
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 10.8 11.0 16.4#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.739 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF106399.D
 Acq: 13 Jun 2018 18:53

Tgt Ion:149 Resp: 33091
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.3 31.9
 279 2.9 3.0 4.4#

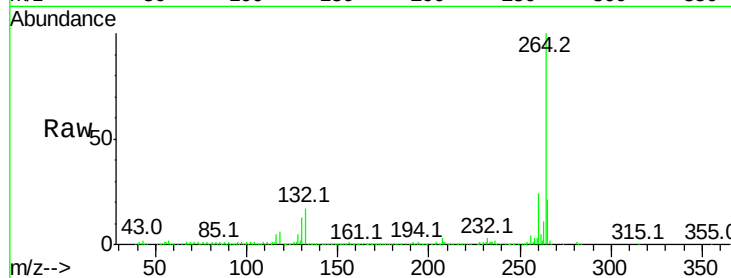




#86
 Pervlone-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF106399.D
 Acq: 13 Jun 2018 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.4	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

