

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101627.D
 Acq On : 22 Dec 2017 1:47
 Operator : SJ/JU
 Sample : PB105265BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 02:46:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

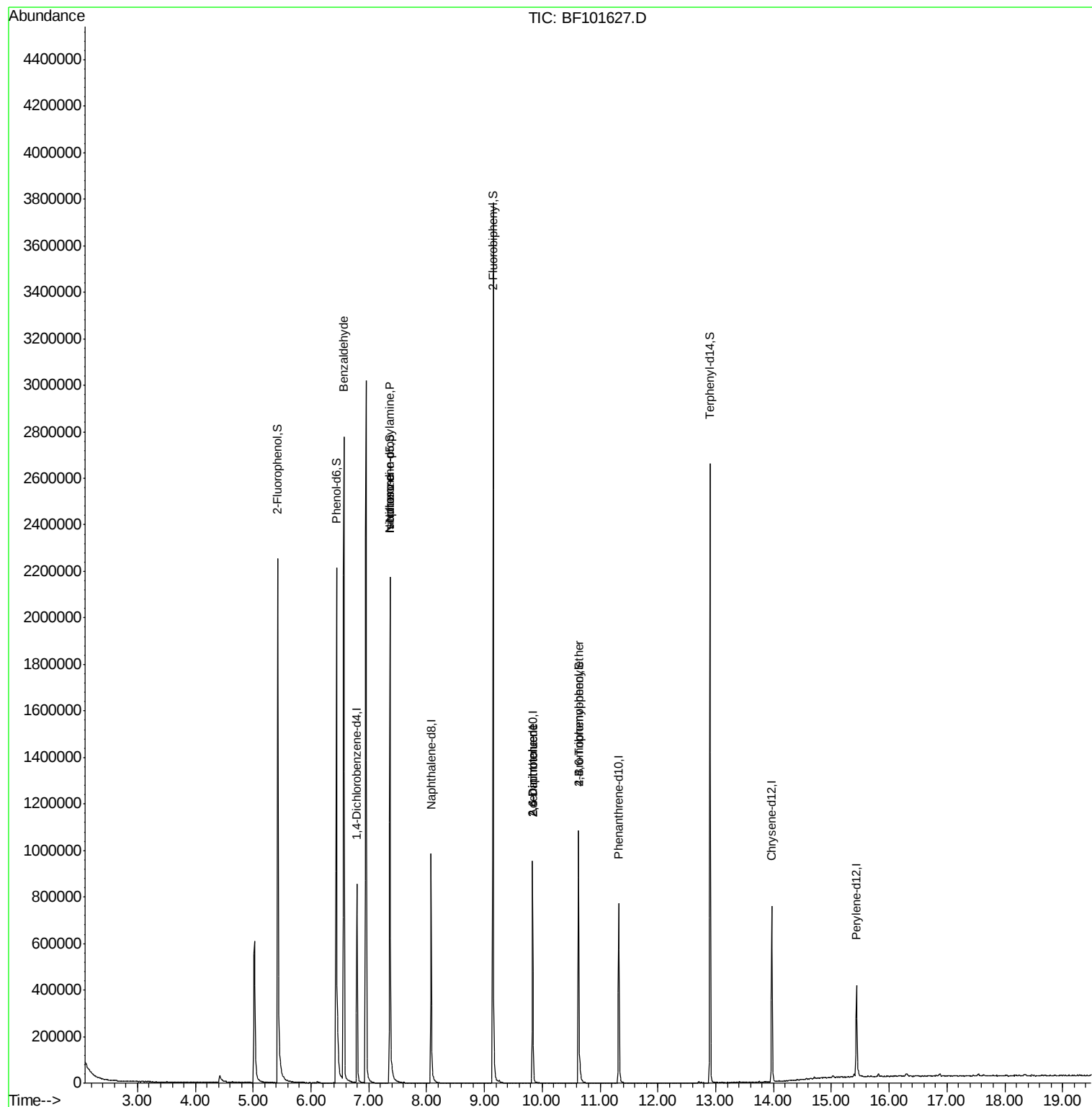
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	134474	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	525141	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	205927	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	313992	20.00	ng	0.00
75) Chrysene-d12	13.97	240	276772	20.00	ng	0.00
86) Perylene-d12	15.43	264	220297	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	812873	90.04	ng	0.01
7) Phenol-d6	6.44	99	967383	86.10	ng	0.00
23) Nitrobenzene-d5	7.37	82	850715	90.18	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	151074	76.14	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1328685	100.09	ng	0.00
78) Terphenyl-d14	12.90	244	904769	78.81	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	16633	2.005	ng	82
19) n-Nitroso-di-n-propylamine	7.37	70	114254	15.485	ng	# 81
25) Isophorone	7.37	82	850715	44.952	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	26235	7.793	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	26235	6.917	ng	# 23
66) 4-Bromophenyl-phenylether	10.63	248	9573	2.713	ng	# 1

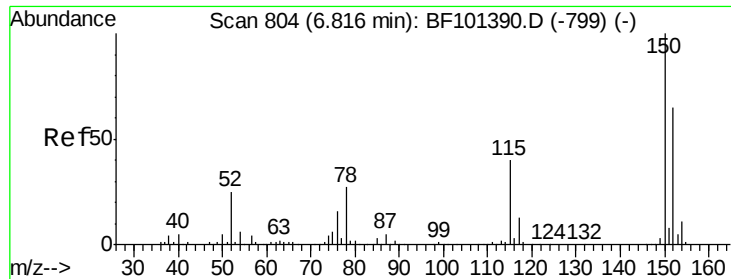
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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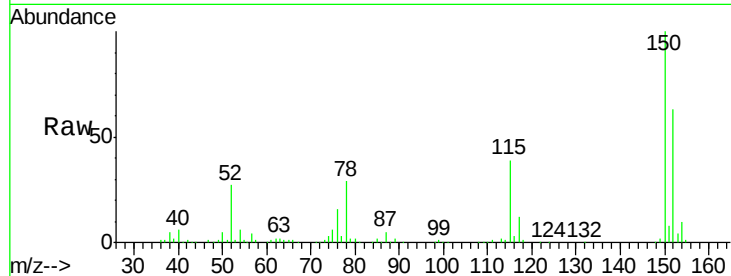


#1

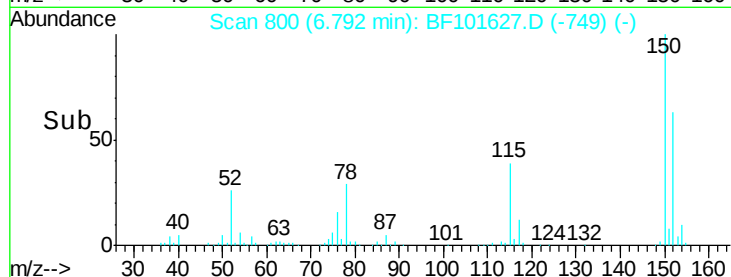
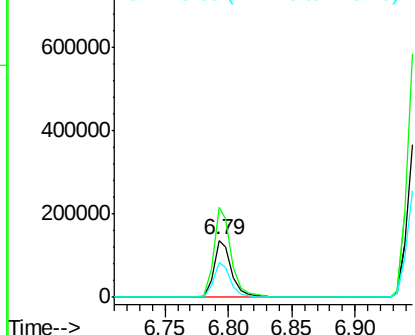
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF101627.D
Acq: 22 Dec 2017 1:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134474
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 62.2 50.1 75.1



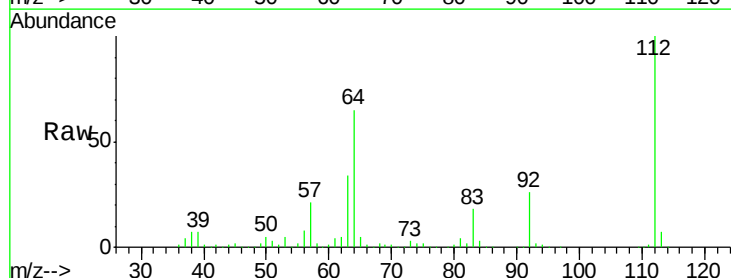
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



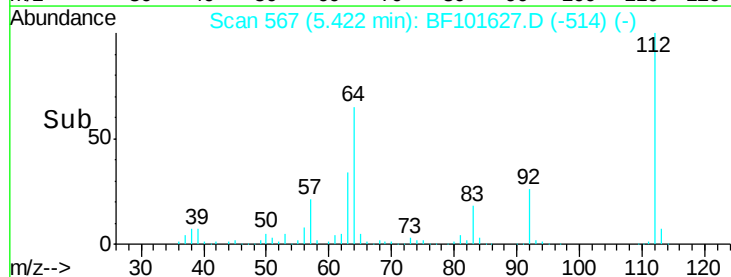
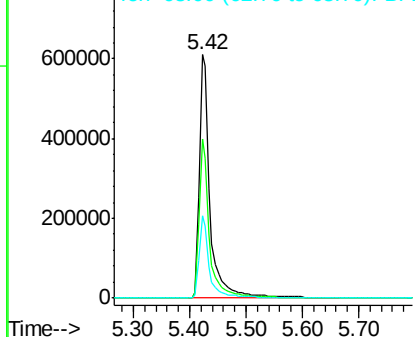
#5

2-Fluorophenol
Concen: 90.043 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF101627.D
Acq: 22 Dec 2017 1:47

Tgt Ion:112 Resp: 812873
Ion Ratio Lower Upper
112 100
64 65.5 47.9 71.9
63 33.6 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: 86.102 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101627.D

Acq: 22 Dec 2017 1:47

Instrument :

BNA_F

ClientSampled :

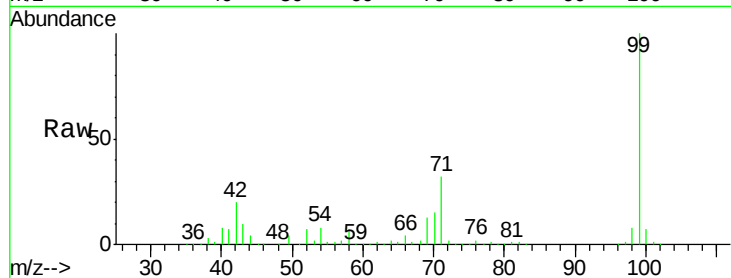
Tot Ion: 99 Resp: 967383

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

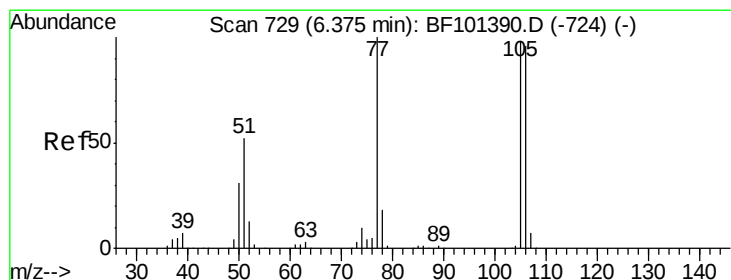
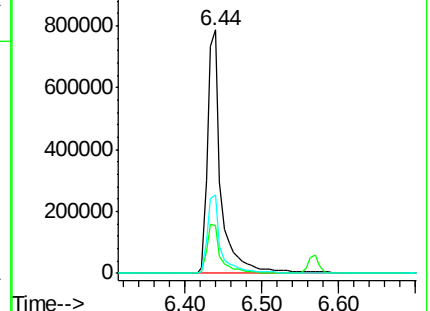
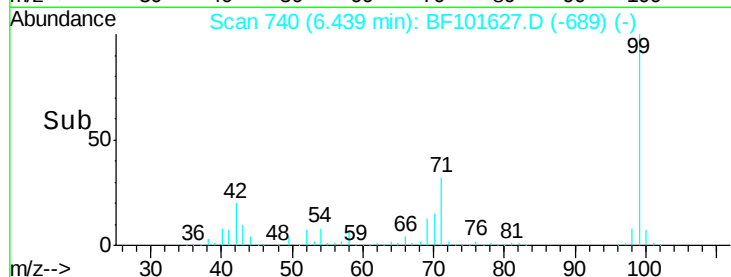
71 32.1 25.4 38.0



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: 2.005 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.21 min

Lab File: BF101627.D

Acq: 22 Dec 2017 1:47

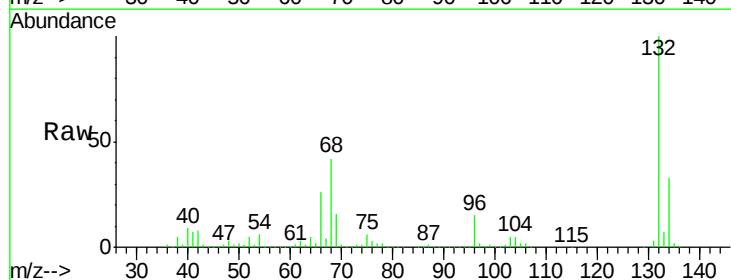
Tgt Ion: 77 Resp: 16633

Ion Ratio Lower Upper

77 100

105 85.3 81.1 121.1

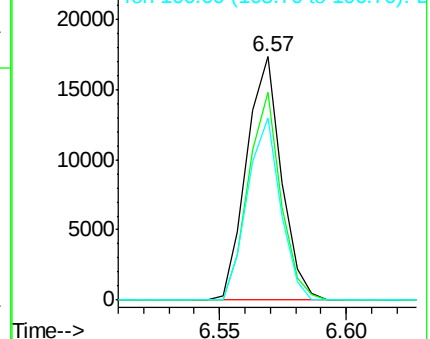
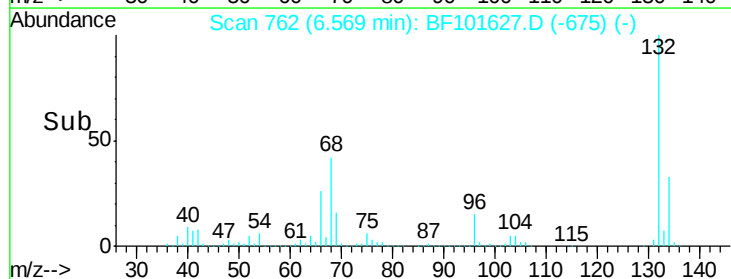
106 74.6 74.5 114.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 15.485 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.16 min

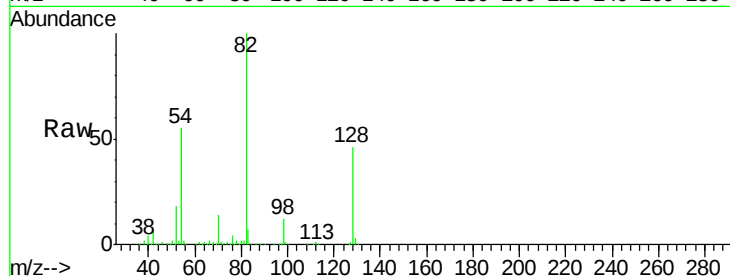
Lab File: BF101627.D

Acq: 22 Dec 2017 1:47

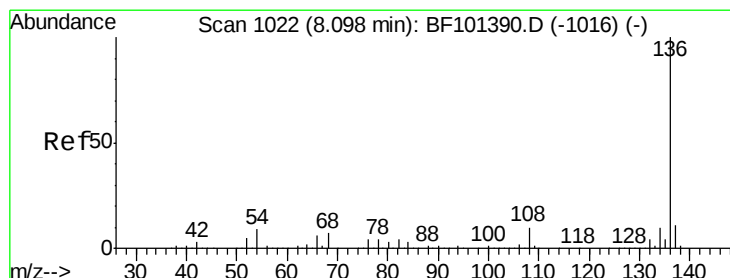
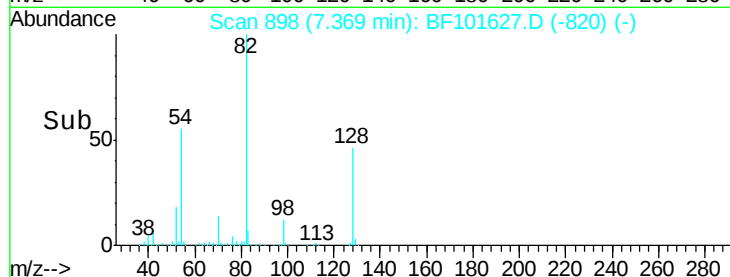
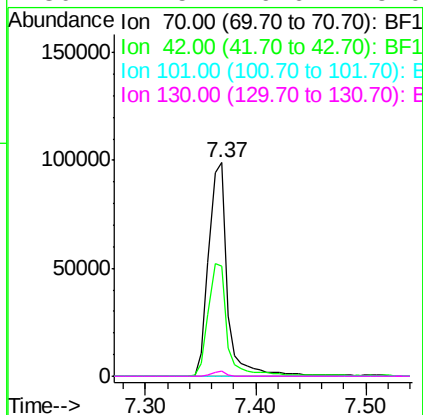
Instrument :

BNA_F

ClientSampleId :



Tot Ion:	70	Resp:	114254
Ion	Ratio	Lower	Upper
70	100		
42	51.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

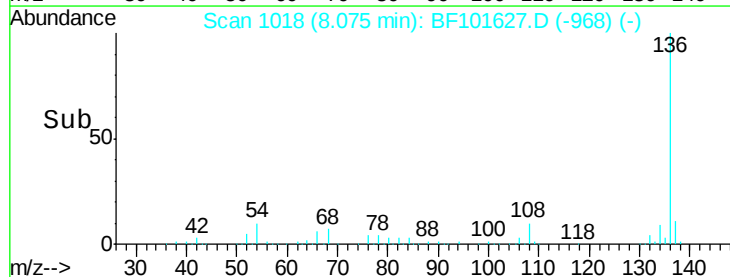
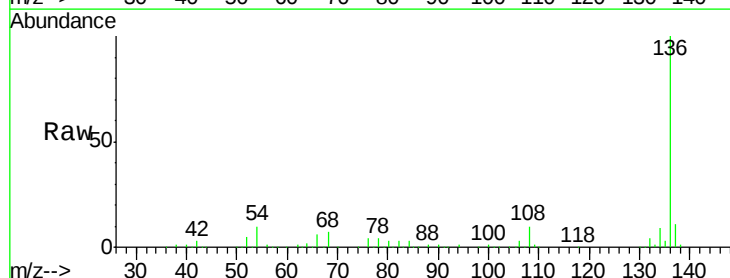
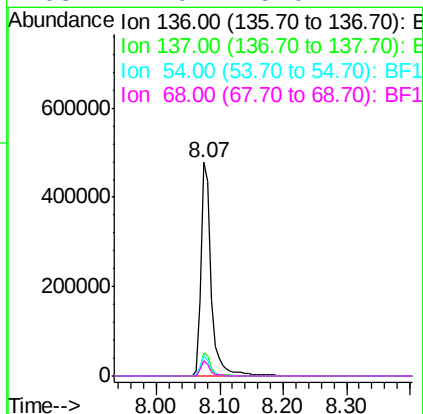
RT: 8.07 min Scan# 1018

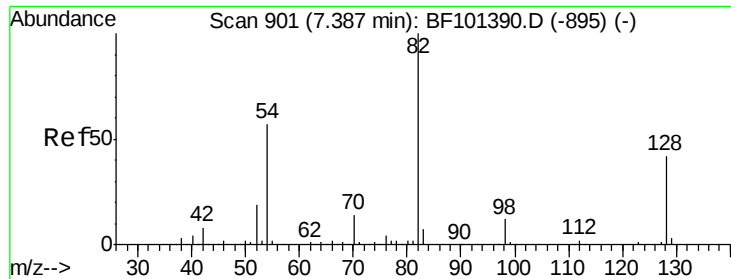
Delta R.T. -0.01 min

Lab File: BF101627.D

Acq: 22 Dec 2017 1:47

Tgt Ion:	136	Resp:	525141
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.7	6.6	9.8
68	7.0	5.0	7.4

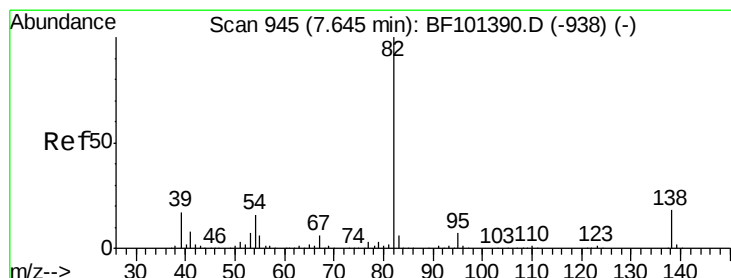
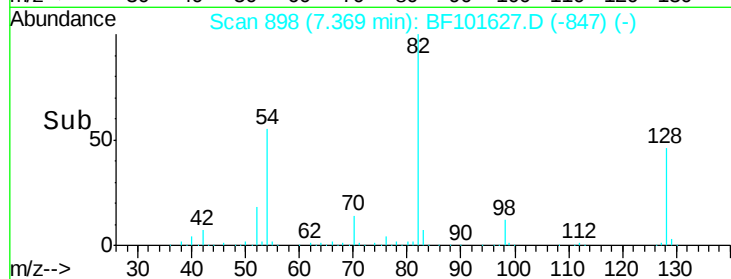
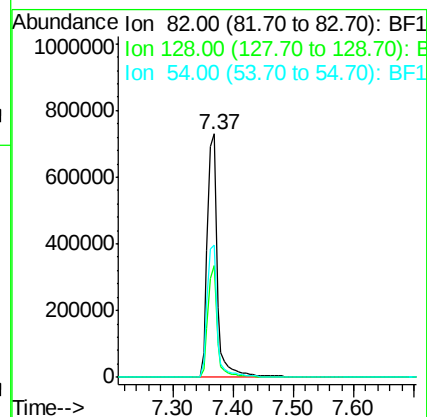
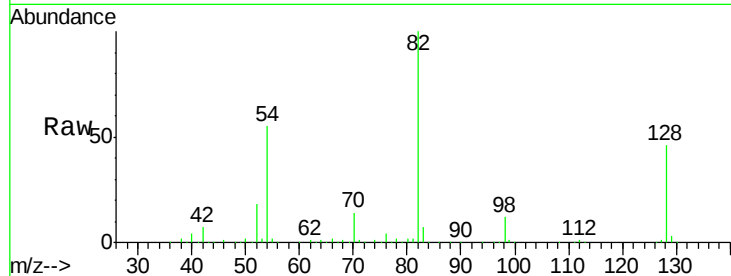




#23
Nitrobenzene-d5
Concen: 90.177 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF101627.D
Acq: 22 Dec 2017 1:47

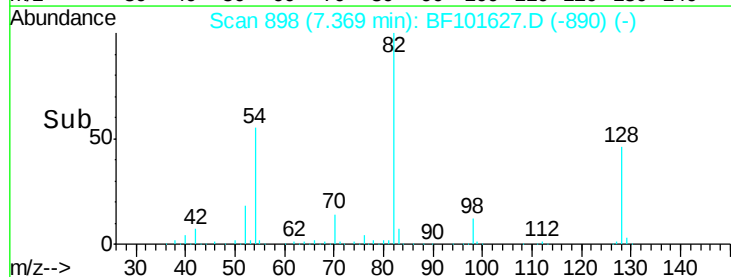
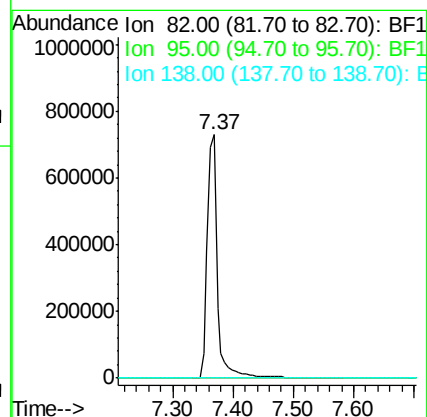
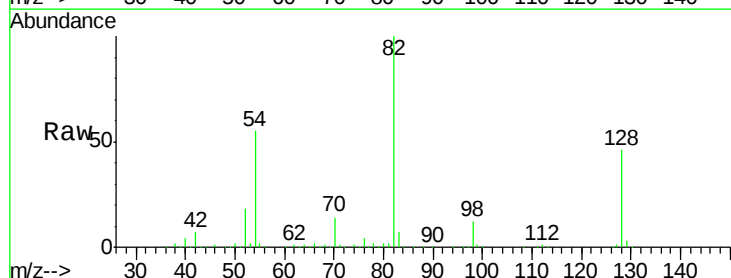
Instrument :
BNA_F
ClientSampleId :

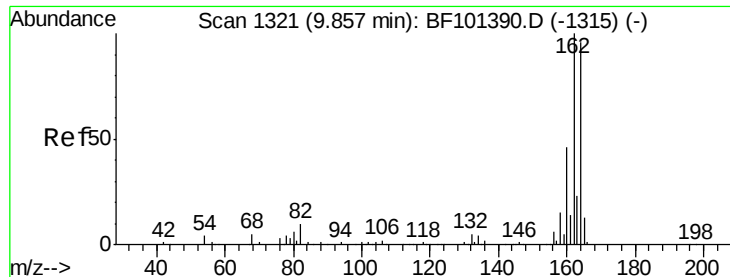
Tot Ion	82	Resp	850715
Ion Ratio	100	Lower	Upper
128	46.1	36.1	54.1
54	54.5	41.4	62.2



#25
Isophorone
Concen: 44.952 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.25 min
Lab File: BF101627.D
Acq: 22 Dec 2017 1:47

Tgt Ion	82	Resp	850715
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

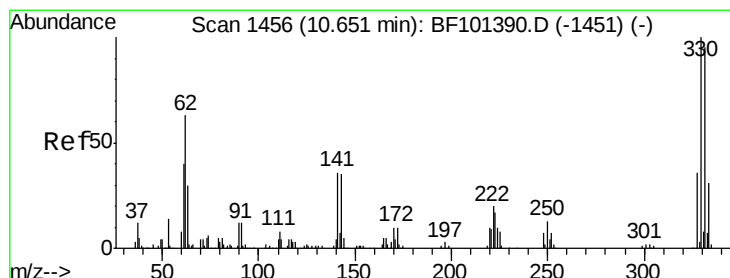
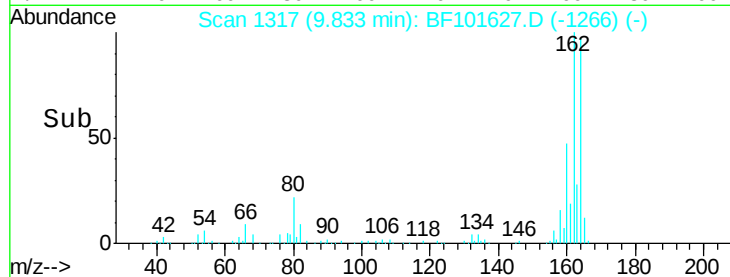
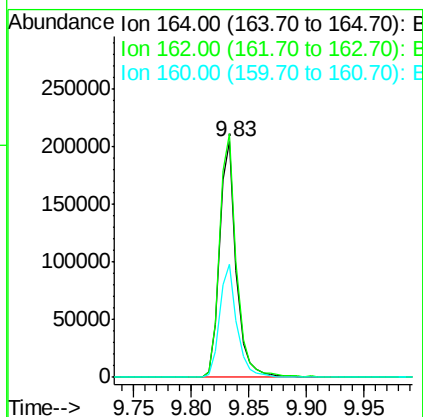
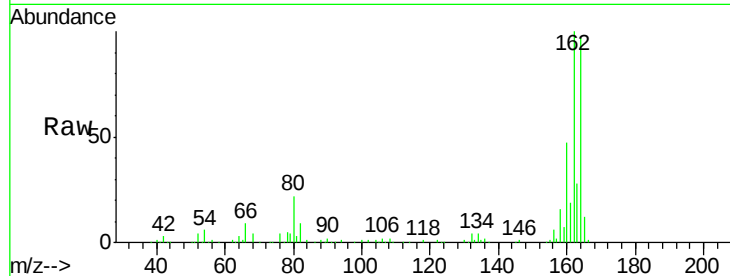




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF101627.D
 Acq: 22 Dec 2017 1:47

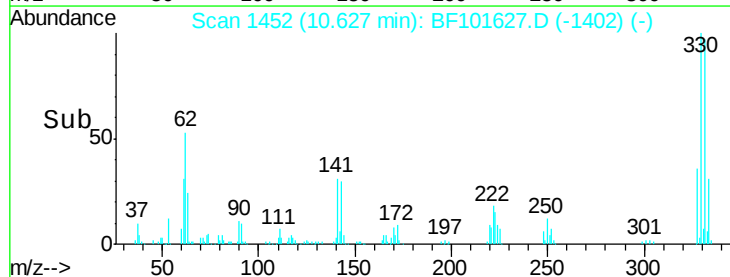
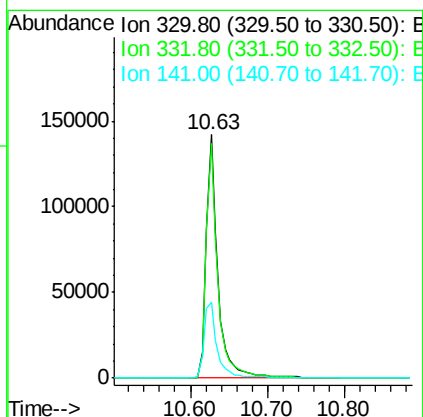
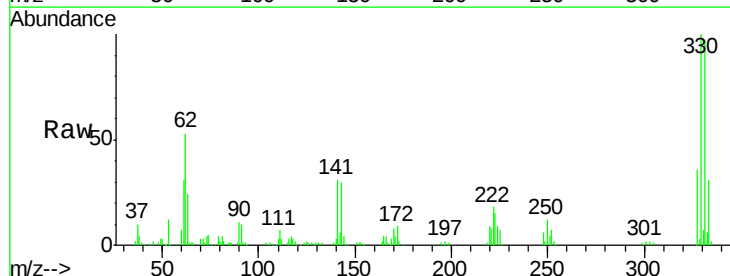
Instrument :
 BNA_F
 ClientSampleId :

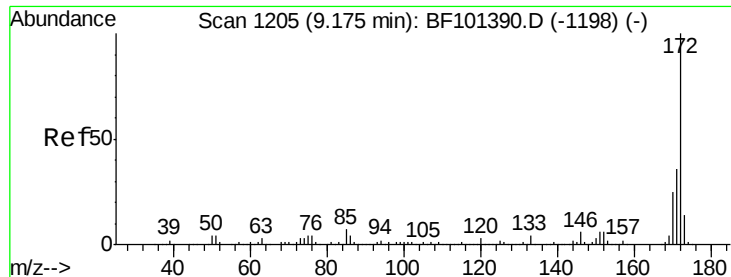
Tot Ion:164 Resp: 205927
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.1 129.1
 160 48.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 76.136 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101627.D
 Acq: 22 Dec 2017 1:47

Tgt Ion:330 Resp: 151074
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 34.5 29.9 44.9

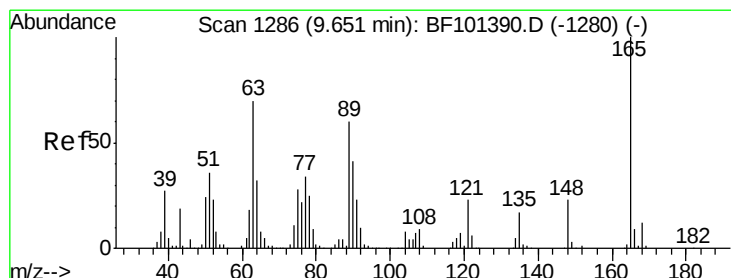
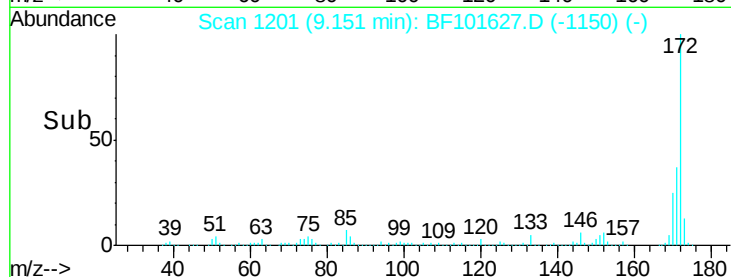
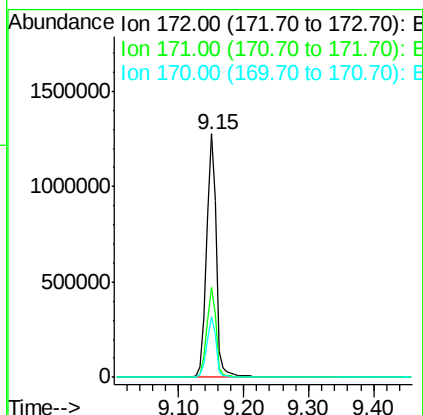
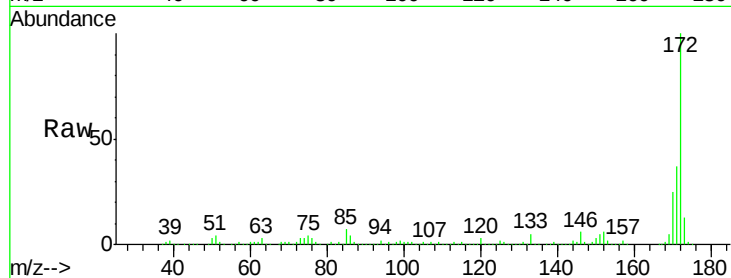




#44
 2-Fluorobiphenyl
 Concen: 100.089 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101627.D
 Acq: 22 Dec 2017 1:47

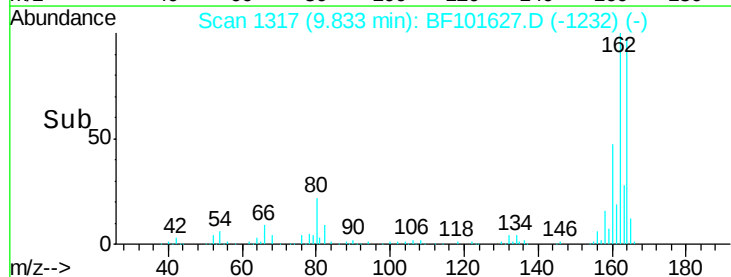
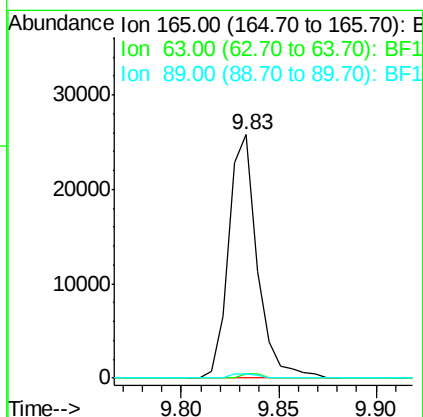
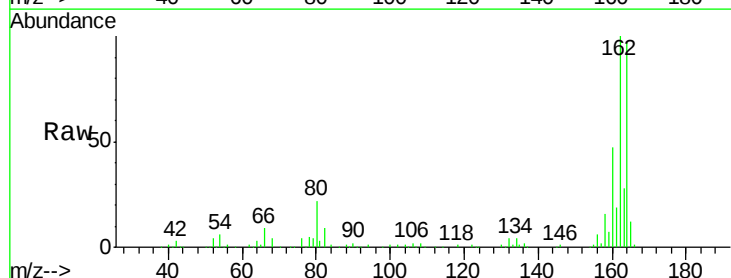
Instrument :
 BNA_F
 ClientSampleId :

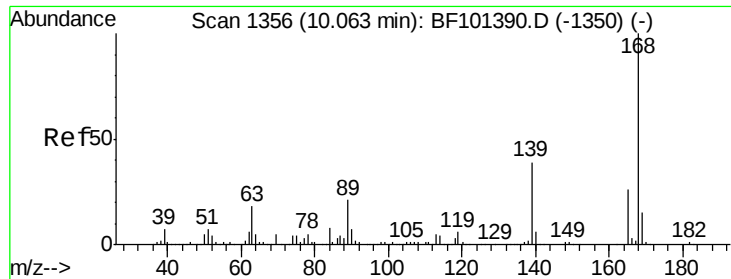
Tot Ion:172 Resp: 1328685
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.8 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.793 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.20 min
 Lab File: BF101627.D
 Acq: 22 Dec 2017 1:47

Tgt Ion:165 Resp: 26235
 Ion Ratio Lower Upper
 165 100
 63 1.5 44.7 67.1#
 89 1.6 44.0 66.0#

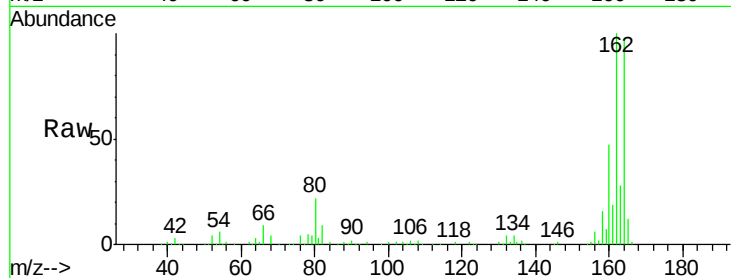




#56
 2,4-Dinitrotoluene
 Concen: 6.917 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.21 min
 Lab File: BF101627.D
 Acq: 22 Dec 2017 1:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

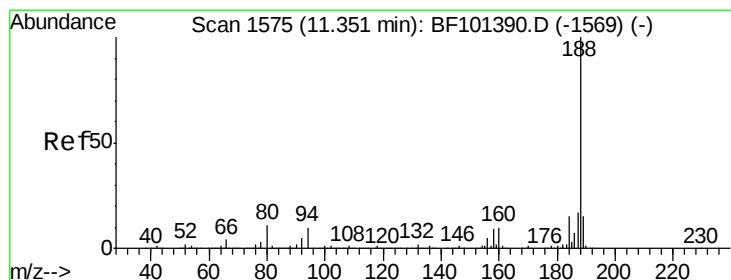
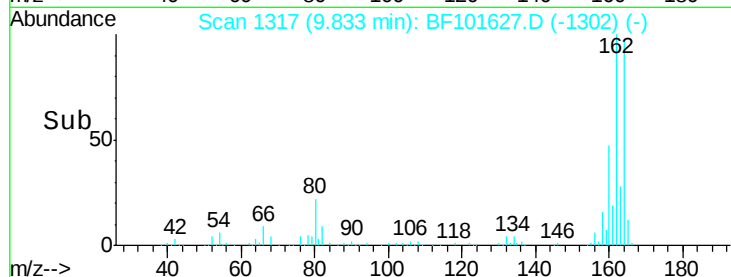
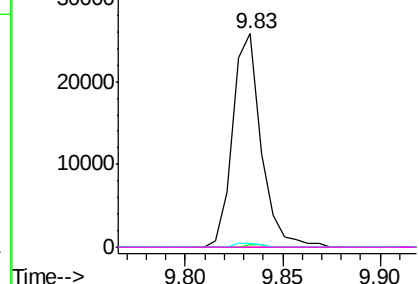


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

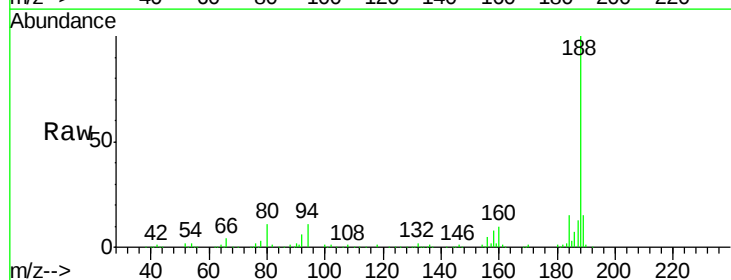
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF101627.D
 Acq: 22 Dec 2017 1:47

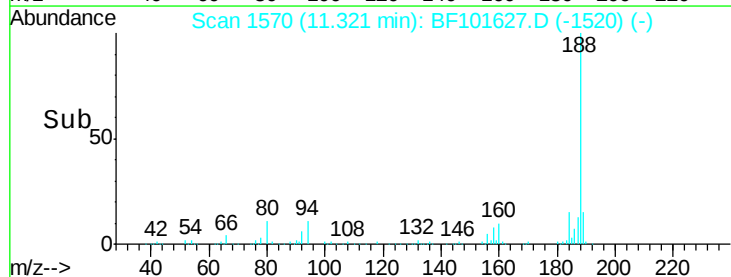
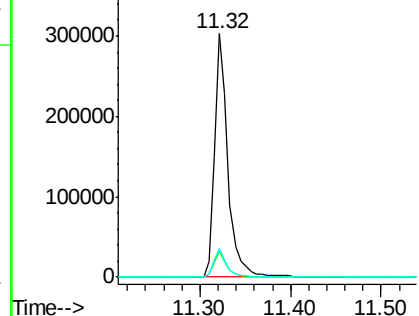
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.5	9.2	13.8

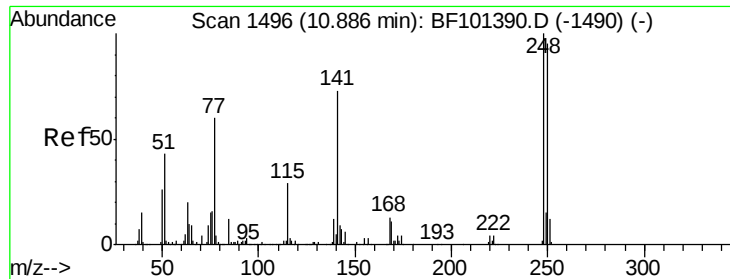


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

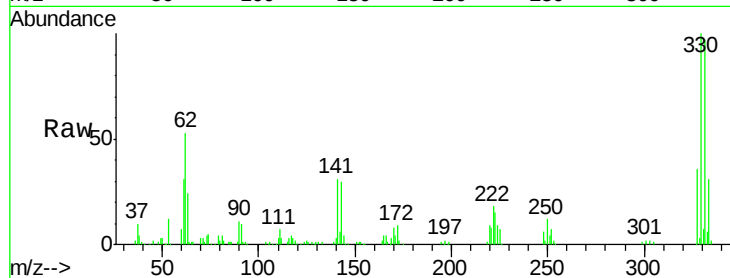




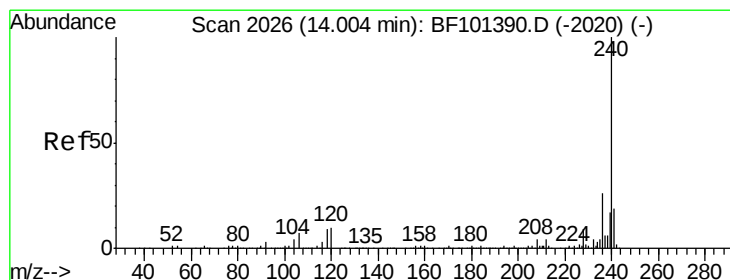
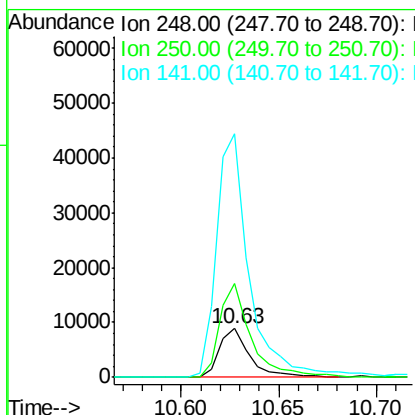
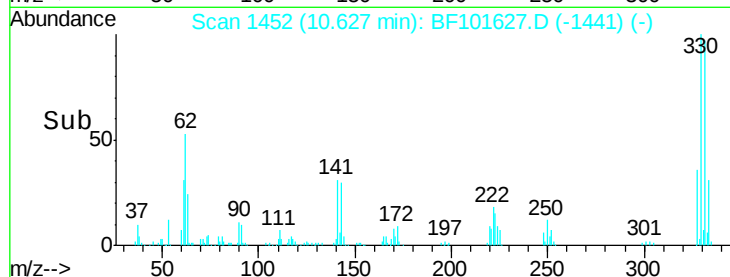
#66
4-Bromophenyl-phenylether
Concen: 2.713 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF101627.D
Acq: 22 Dec 2017 1:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9573
Ion Ratio Lower Upper
248 100
250 194.1 76.9 115.3#
141 502.1 74.4 111.6#

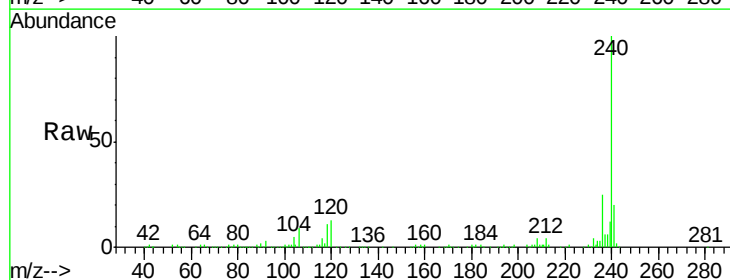


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

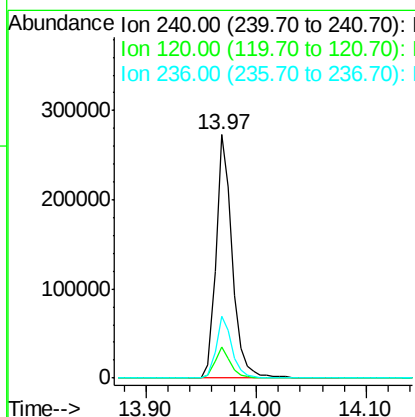
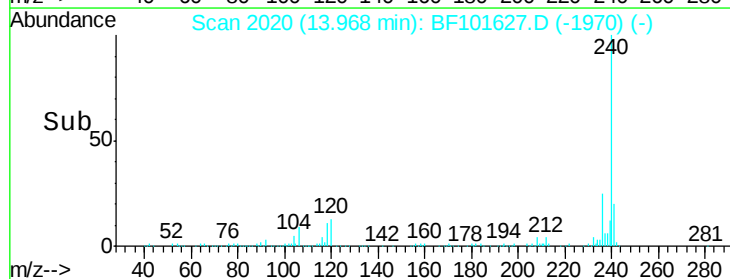


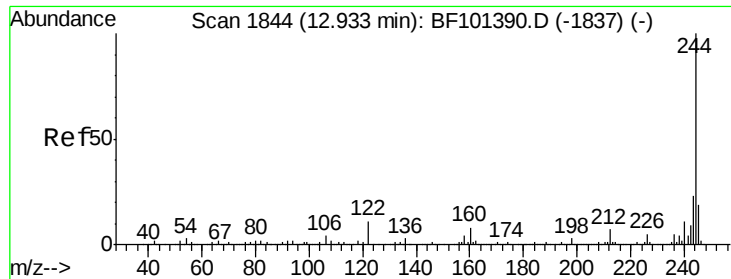
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101627.D
Acq: 22 Dec 2017 1:47

Tgt Ion:240 Resp: 276772
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 25.5 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: 78.808 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101627.D

Acq: 22 Dec 2017 1:47

Instrument :

BNA_F

ClientSampleId :

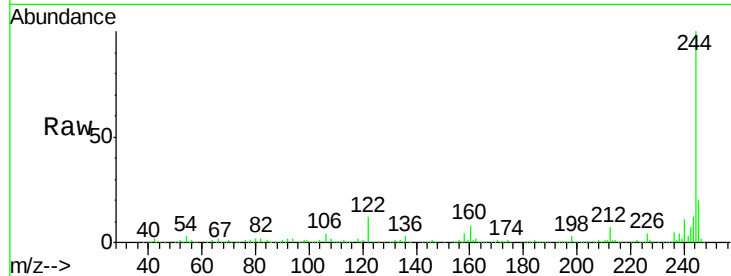
Tot Ion:244 Resp: 904769

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

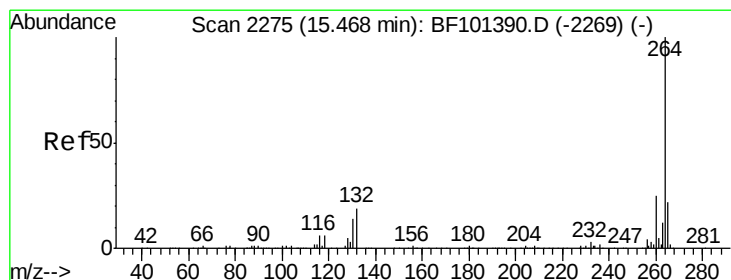
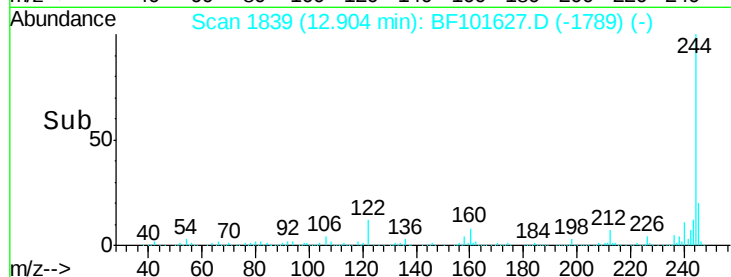
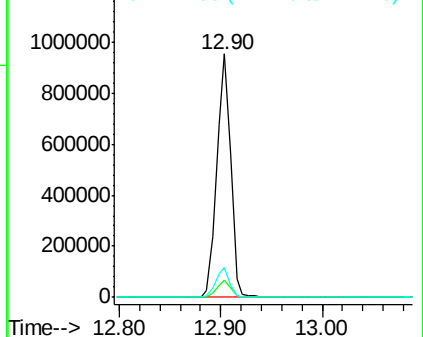
122 12.1 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.00 min

Lab File: BF101627.D

Acq: 22 Dec 2017 1:47

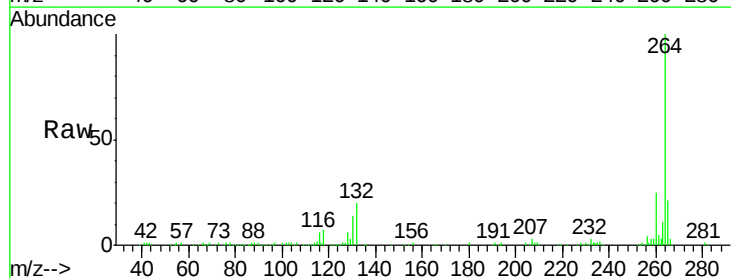
Tgt Ion:264 Resp: 220297

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.0 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

