

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090117\
 Data File : BF098216.D
 Acq On : 1 Sep 2017 10:29
 Operator : SJ/JU
 Sample : PB101969BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101969BL

Quant Time: Sep 01 12:59:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 01 12:59:02 2017
 Response via : Initial Calibration

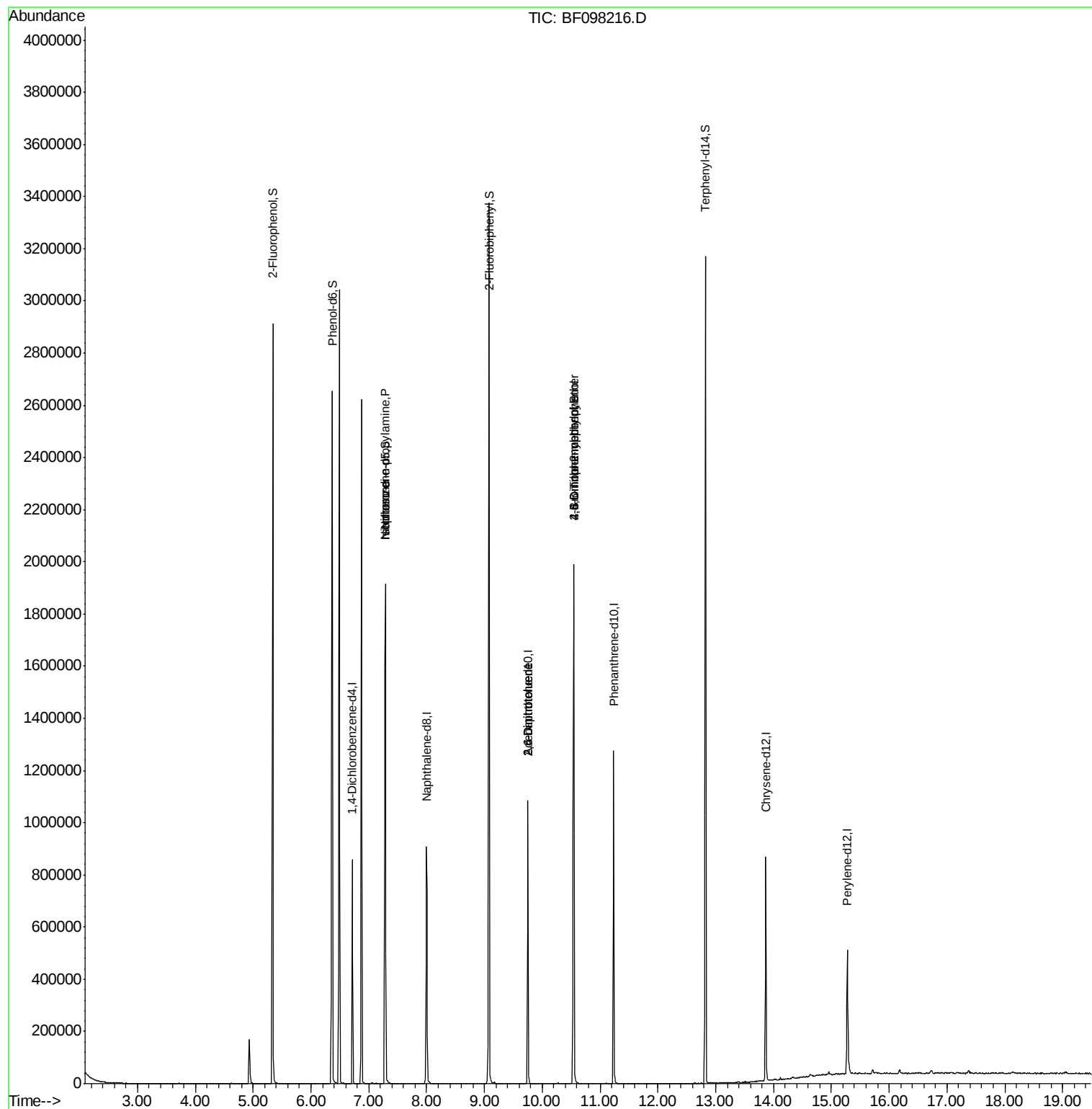
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	108788	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	439311	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	206642	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	429459	20.00	ng	0.00
75) Chrysene-d12	13.87	240	325016	20.00	ng	0.00
86) Perylene-d12	15.28	264	232089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	897972	125.55	ng	0.01
7) Phenol-d6	6.37	99	1221327	125.68	ng	0.00
23) Nitrobenzene-d5	7.29	82	747555	92.44	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	258220	144.02	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1163058	82.69	ng	0.00
78) Terphenyl-d14	12.82	244	1115050	71.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	98955	14.875	ng	# 70
25) Isophorone	7.29	82	740231	44.021	ng	# 67
50) 2,6-Dinitrotoluene	9.75	165	25965	8.612	ng	# 34
56) 2,4-Dinitrotoluene	9.75	165	25965	6.862	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.54	198	584	8.559	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	16548	3.711	ng	# 1

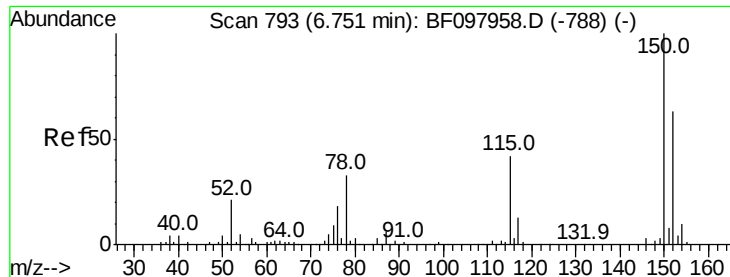
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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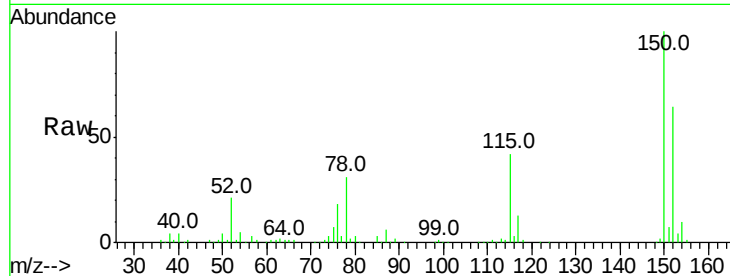


#1

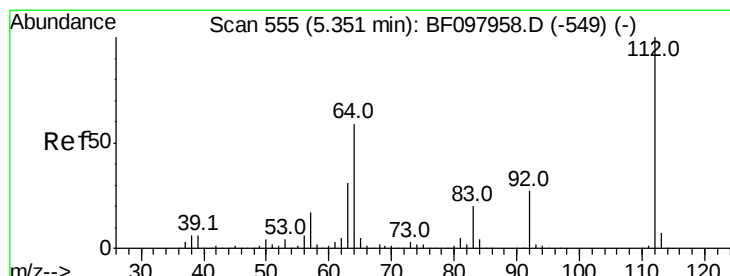
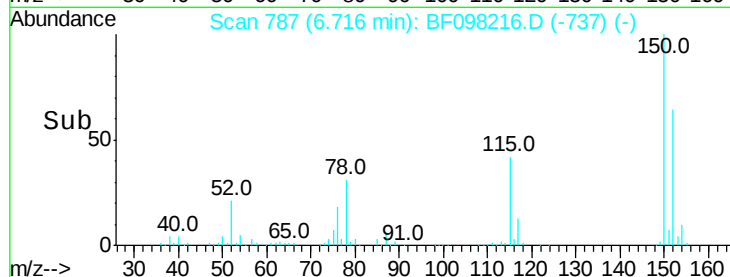
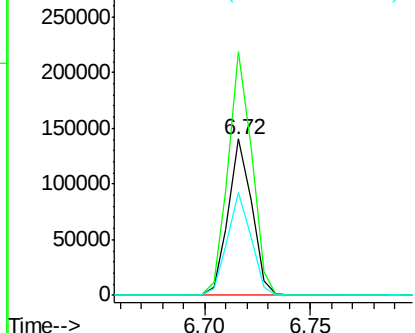
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF098216.D
Acq: 1 Sep 2017 10:29

Instrument :
BNA_F
ClientSampleId :
PB101969BL

Tot Ion:152 Resp: 108788
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 66.0 52.2 78.2



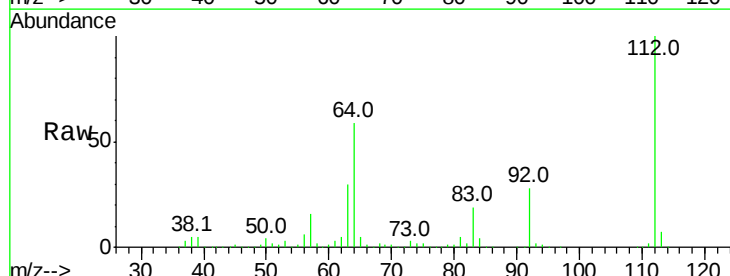
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



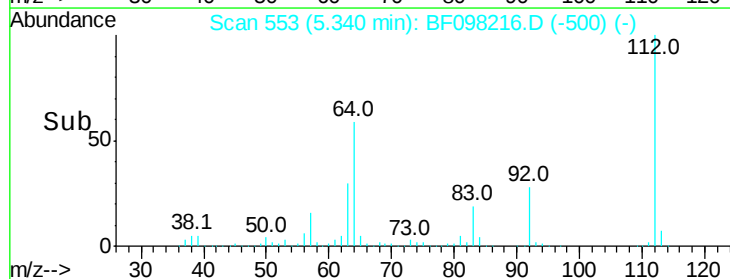
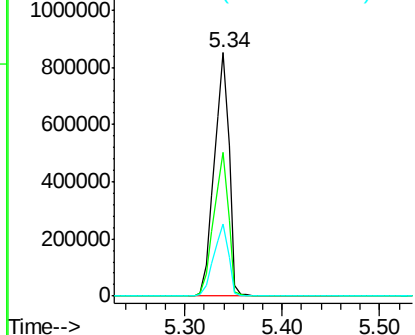
#5

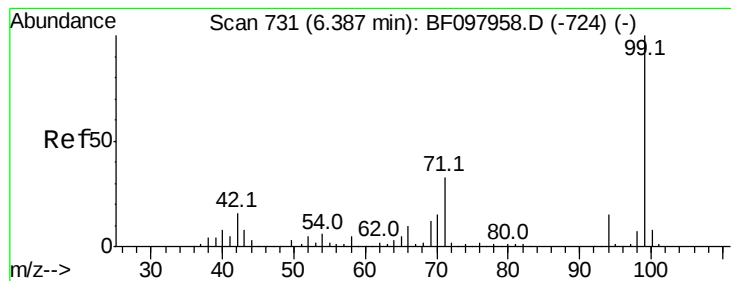
2-Fluorophenol
Concen: 125.554 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF098216.D
Acq: 1 Sep 2017 10:29

Tgt Ion:112 Resp: 897972
Ion Ratio Lower Upper
112 100
64 59.2 46.0 69.0
63 29.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.682 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF098216.D

Acq: 1 Sep 2017 10:29

Instrument :

BNA_F

ClientSampleId :

PB101969BL

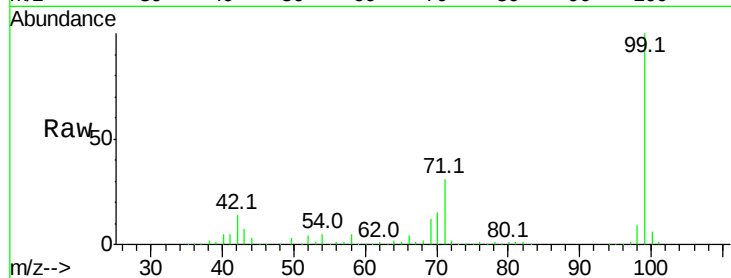
Tot Ion: 99 Resp: 1221327

Ion Ratio Lower Upper

99 100

42 13.7 13.5 20.3

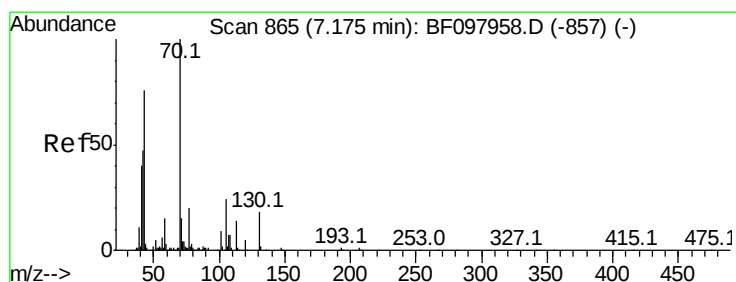
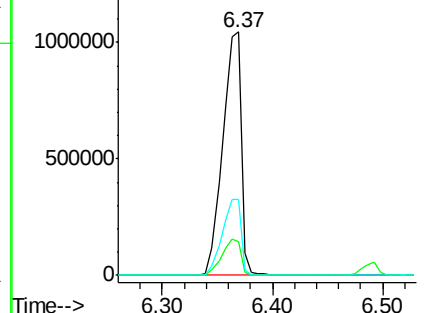
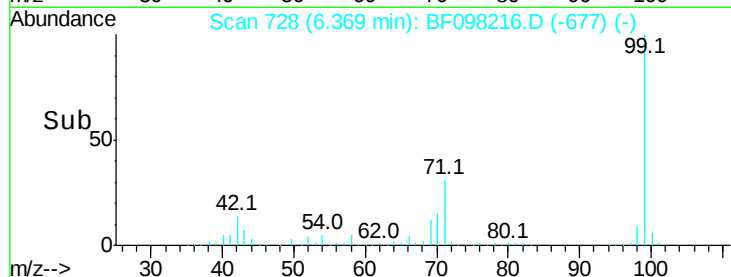
71 31.1 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 14.875 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF098216.D

Acq: 1 Sep 2017 10:29

Tgt Ion: 70 Resp: 98955

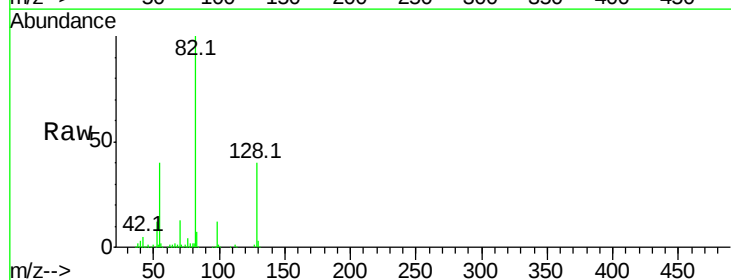
Ion Ratio Lower Upper

70 100

42 38.3 47.2 70.8#

101 0.0 7.2 10.8#

130 1.7 15.9 23.9#

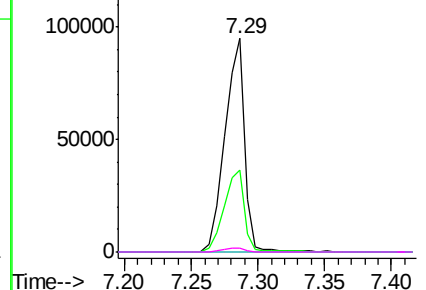
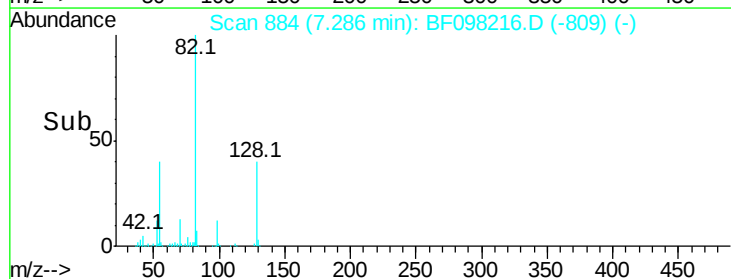


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

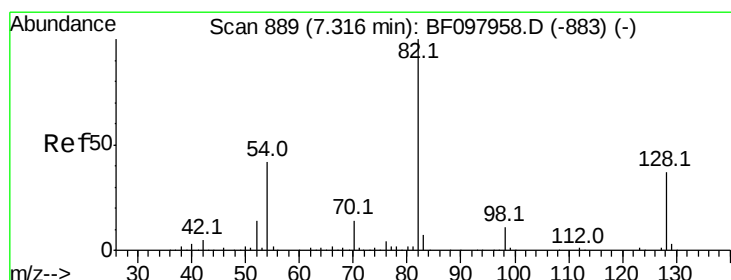
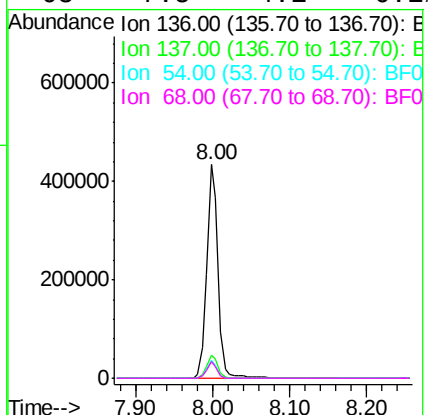
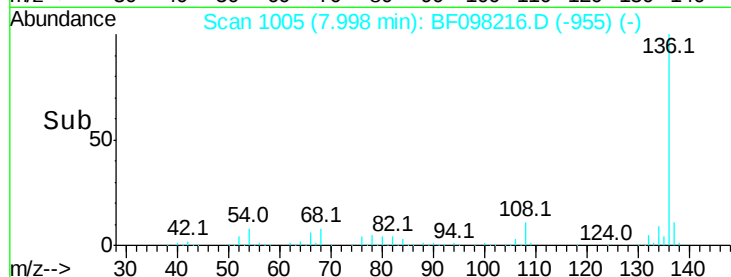
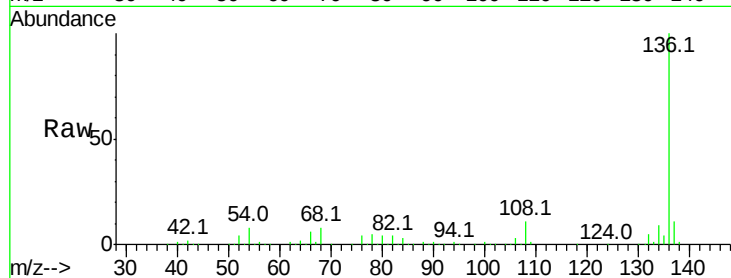




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF098216.D
Acq: 1 Sep 2017 10:29

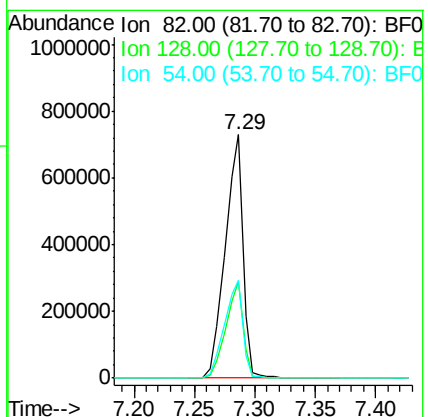
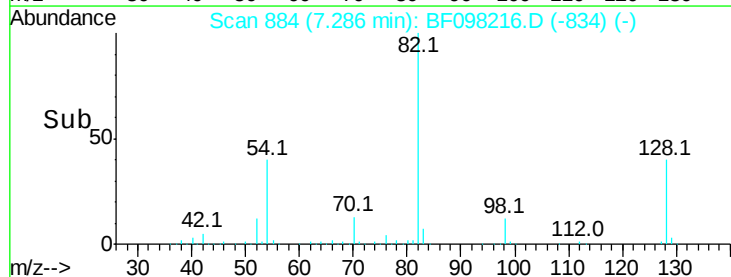
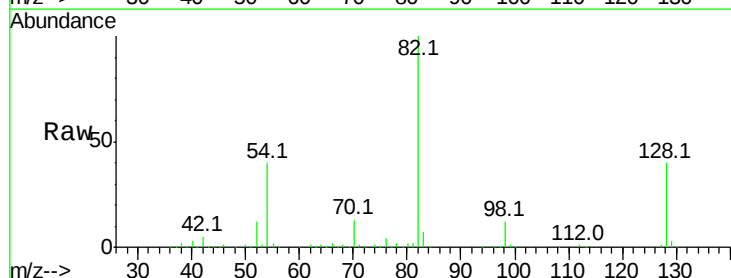
Instrument :
BNA_F
ClientSampleId :
PB101969BL

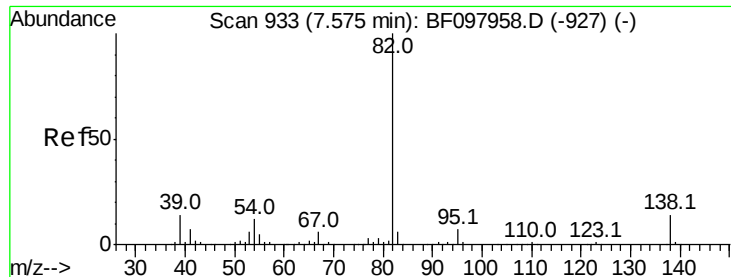
Tot Ion:	136	Resp:	439311
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	8.1	4.9	7.3#
68	7.5	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 92.442 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF098216.D
Acq: 1 Sep 2017 10:29

Tgt Ion:	82	Resp:	747555
Ion	Ratio	Lower	Upper
82	100		
128	39.6	34.0	51.0
54	40.0	42.2	63.2#





#25

Isophorone

Concen: 44.021 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF098216.D

Acq: 1 Sep 2017 10:29

Instrument :

BNA_F

ClientSampleId :

PB101969BL

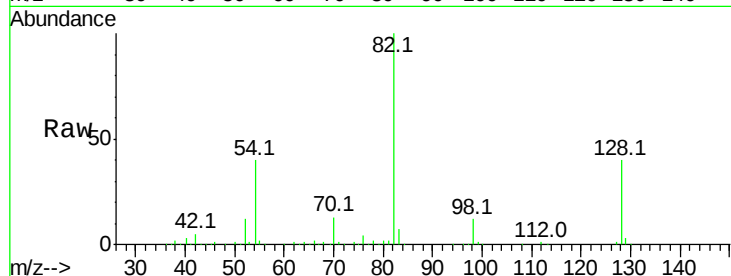
Tot Ion: 82 Resp: 740231

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

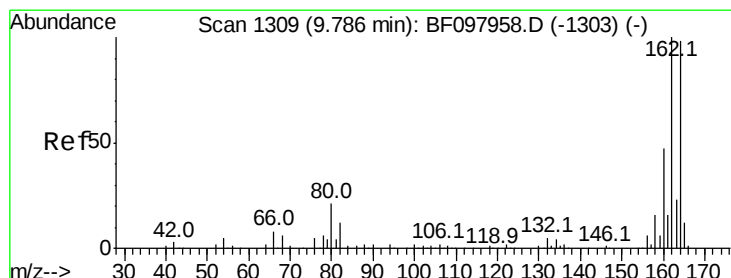
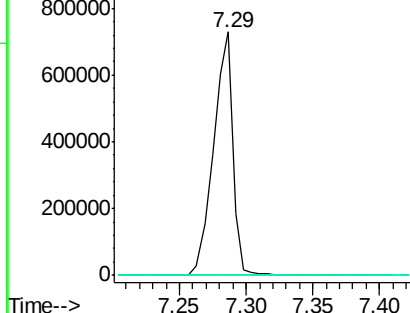
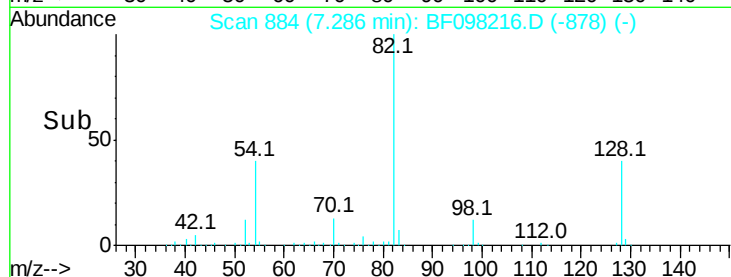
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF098216.D

Acq: 1 Sep 2017 10:29

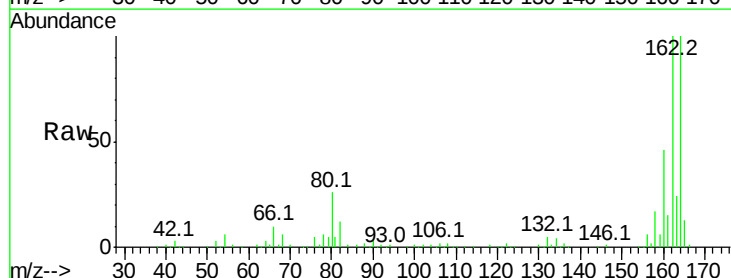
Tgt Ion: 164 Resp: 206642

Ion Ratio Lower Upper

164 100

162 100.3 82.6 123.8

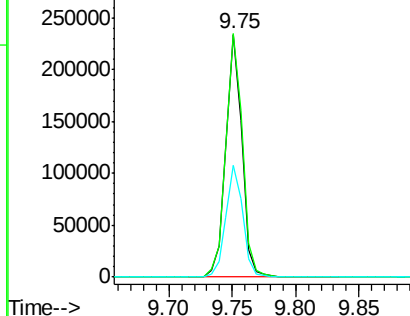
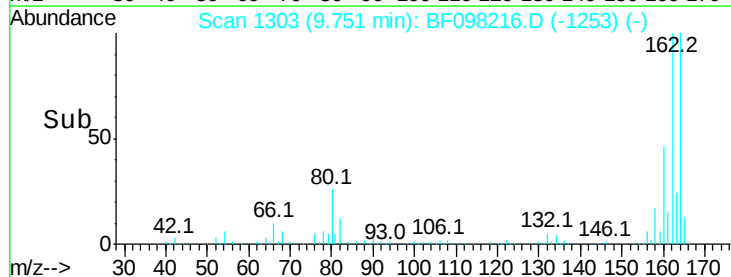
160 46.2 36.2 54.2

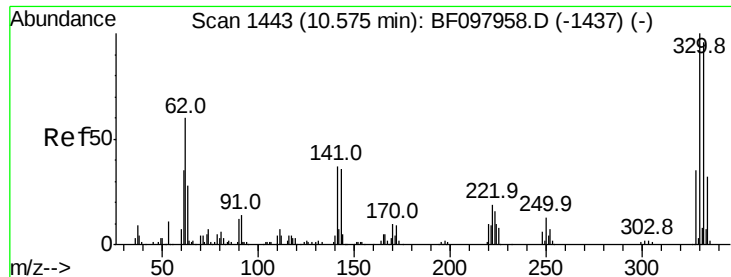


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

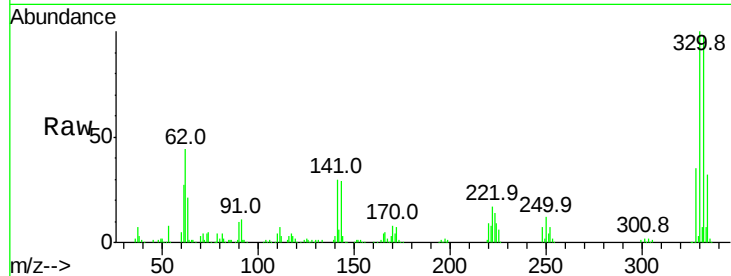




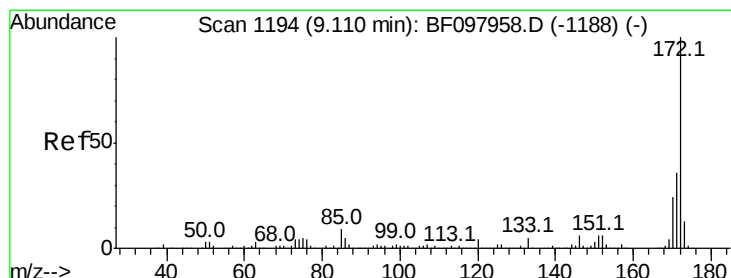
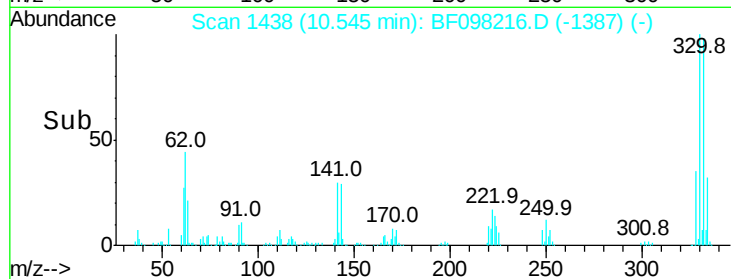
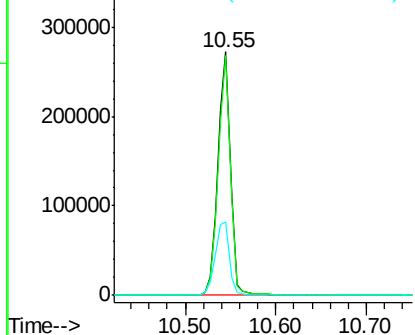
#41
 2,4,6-Tribromophenol
 Concen: 144.019 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF098216.D
 Acq: 1 Sep 2017 10:29

Instrument :
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 ClientSampleId :
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Tot Ion:330 Resp: 258220
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 34.5 31.4 47.2

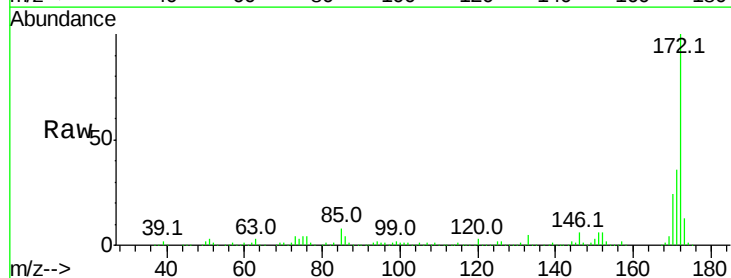


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

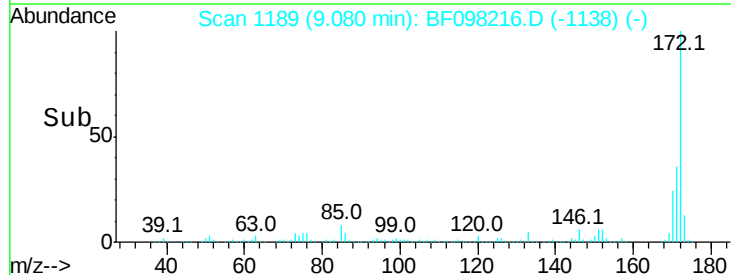
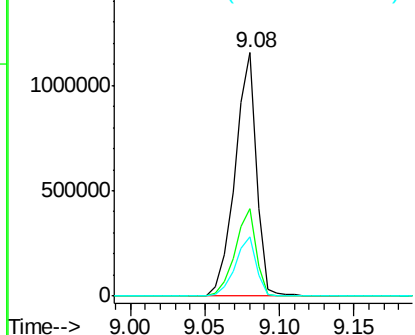


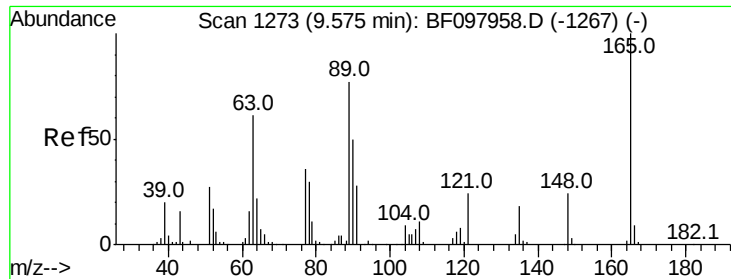
#44
 2-Fluorobiphenyl
 Concen: 82.692 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF098216.D
 Acq: 1 Sep 2017 10:29

Tgt Ion:172 Resp: 1163058
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.1 19.8 29.8



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

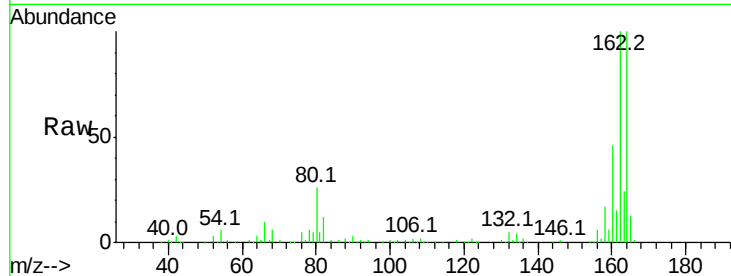




#50
 2,6-Dinitrotoluene
 Concen: 8.612 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.20 min
 Lab File: BF098216.D
 Acq: 1 Sep 2017 10:29

Instrument :
 BNA_F
 ClientSampleId :
 PB101969BL

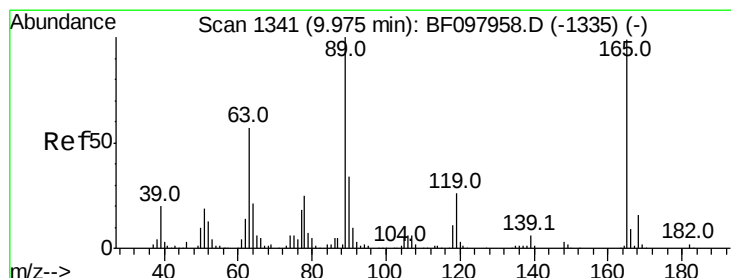
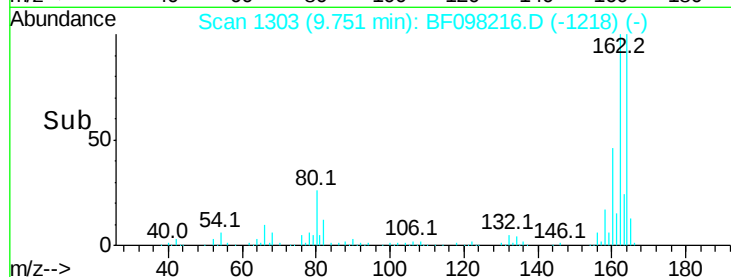
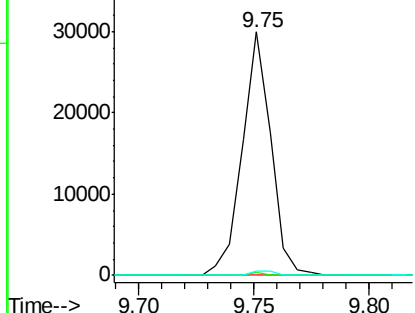
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	1.9	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

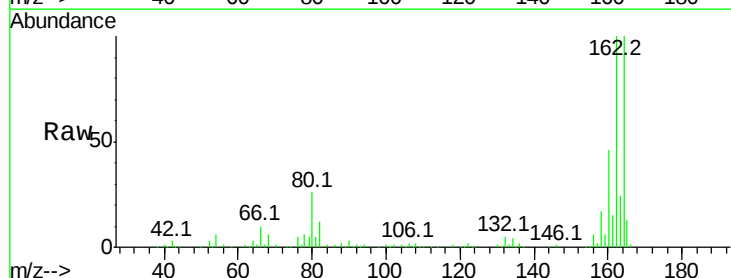
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.862 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF098216.D
 Acq: 1 Sep 2017 10:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#

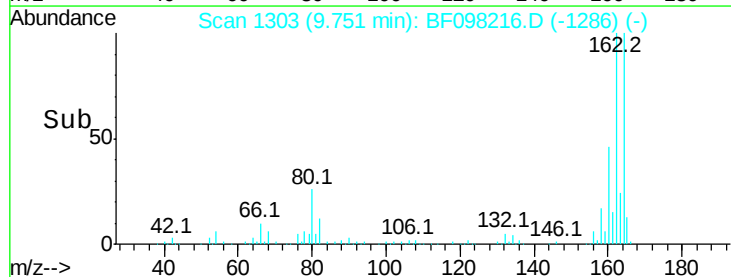
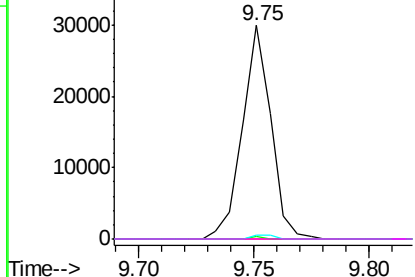


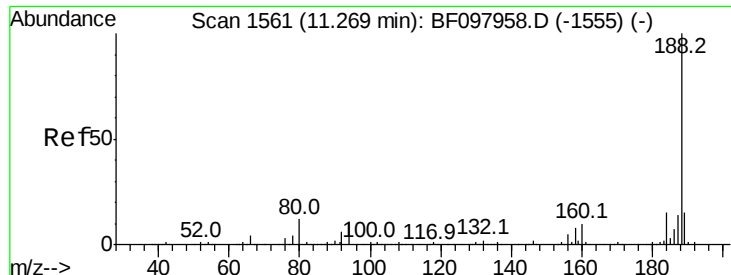
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

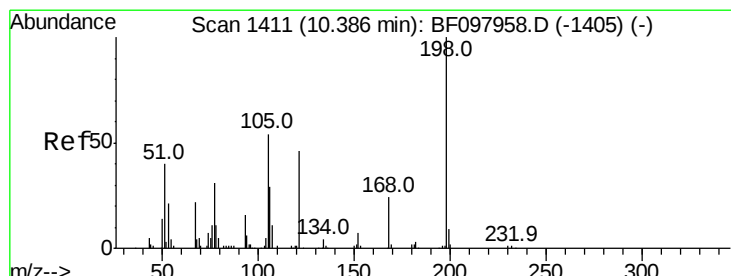
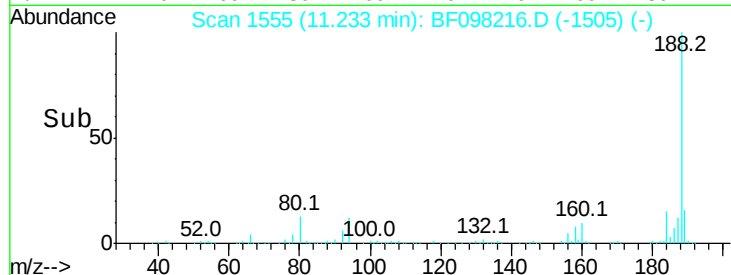
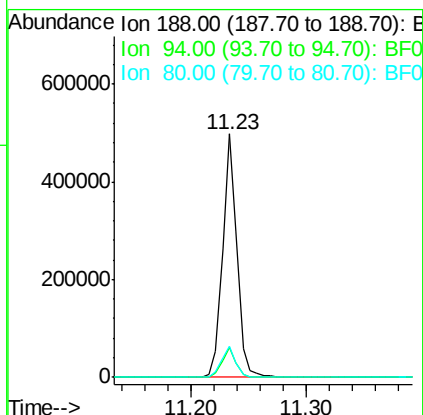
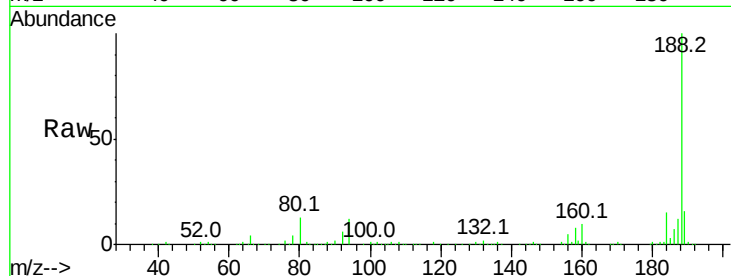




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF098216.D
Acq: 1 Sep 2017 10:29

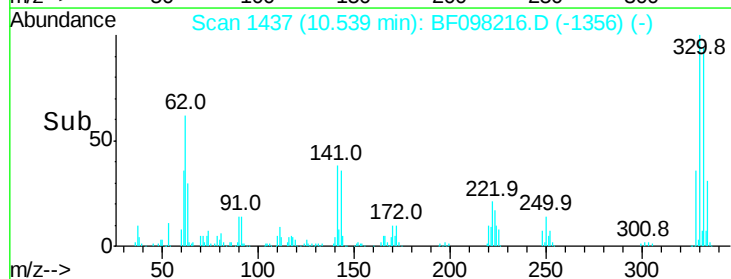
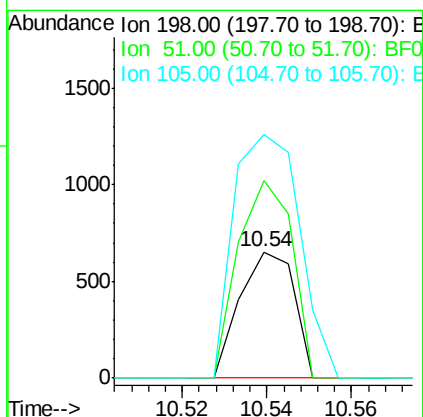
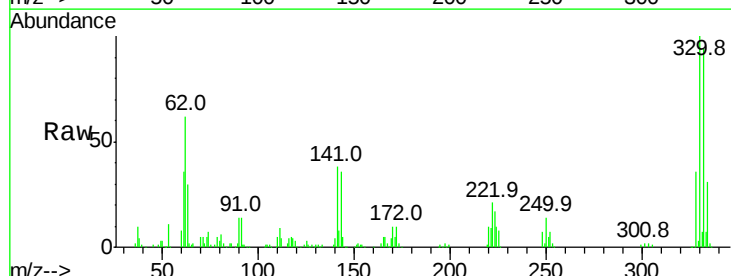
Instrument :
BNA_F
ClientSampleId :
PB101969BL

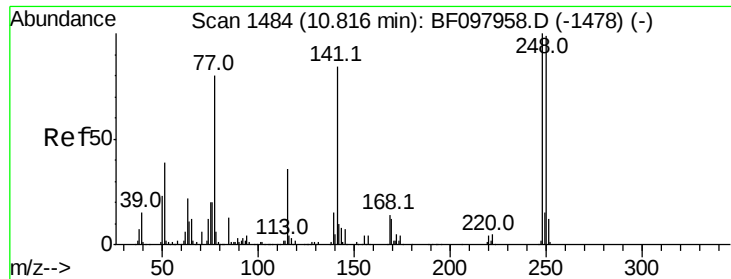
Tot Ion:188 Resp: 429459
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.2
80 12.9 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 8.559 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF098216.D
Acq: 1 Sep 2017 10:29

Tgt Ion:198 Resp: 584
Ion Ratio Lower Upper
198 100
51 156.6 53.2 93.2#
105 192.5 45.8 85.8#

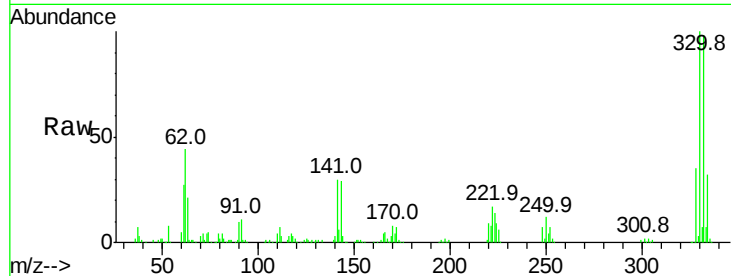




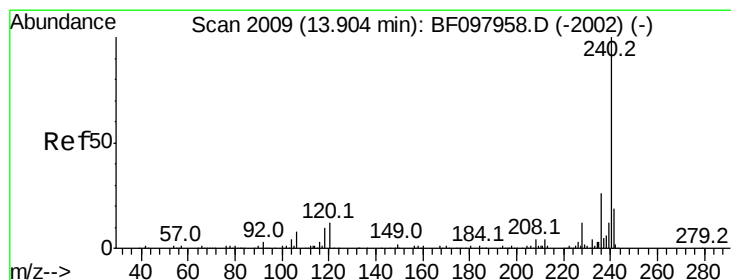
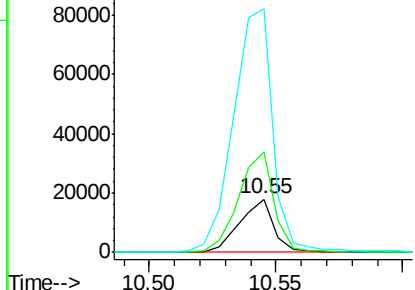
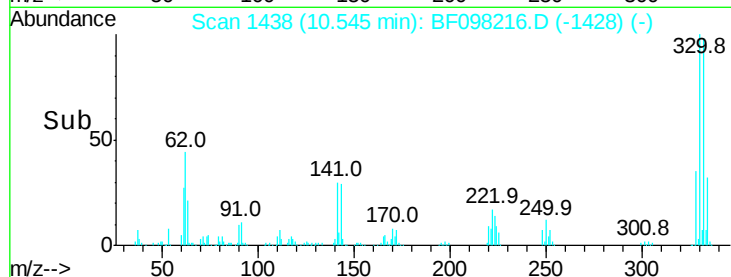
#66
 4-Bromophenyl-phenylether
 Concen: 3.711 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF098216.D
 Acq: 1 Sep 2017 10:29

Instrument :
 BNA_F
 ClientSampleId :
 PB101969BL

Tot Ion:248 Resp: 16548
 Ion Ratio Lower Upper
 248 100
 250 189.8 76.8 115.2#
 141 460.0 68.6 103.0#

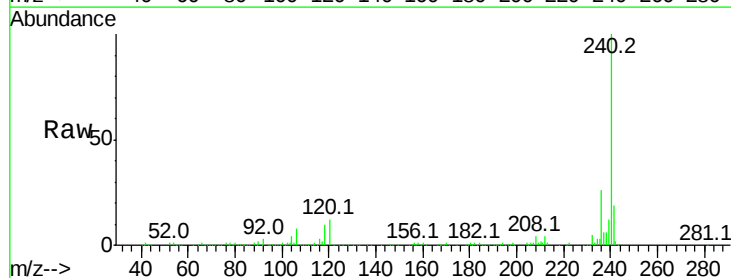


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

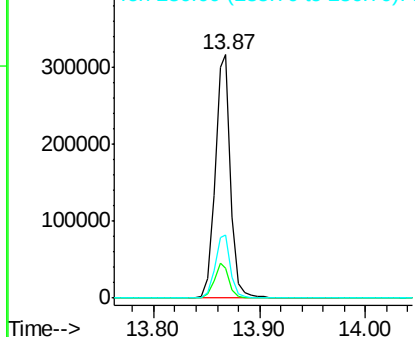
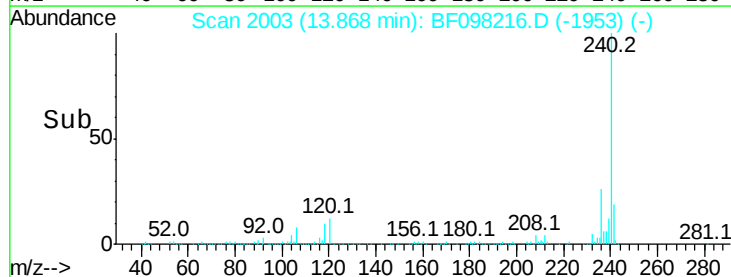


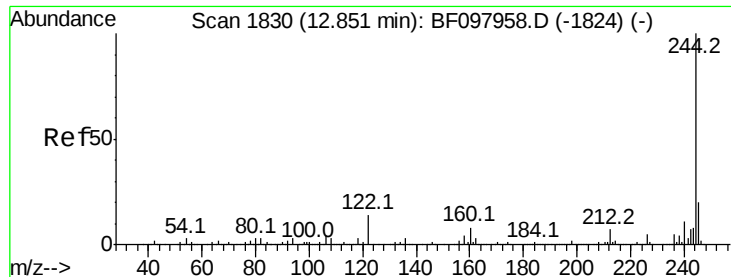
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF098216.D
 Acq: 1 Sep 2017 10:29

Tgt Ion:240 Resp: 325016
 Ion Ratio Lower Upper
 240 100
 120 12.2 5.8 8.8#
 236 26.2 20.5 30.7



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

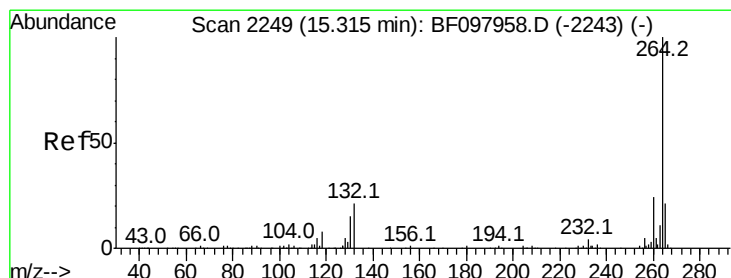
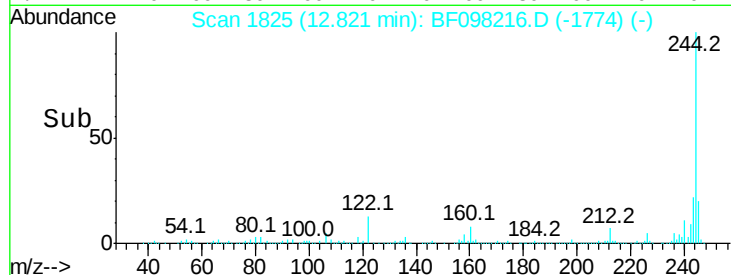
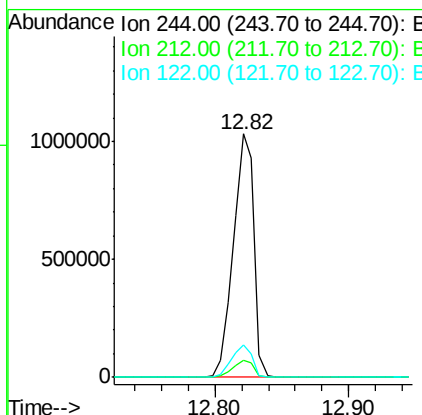
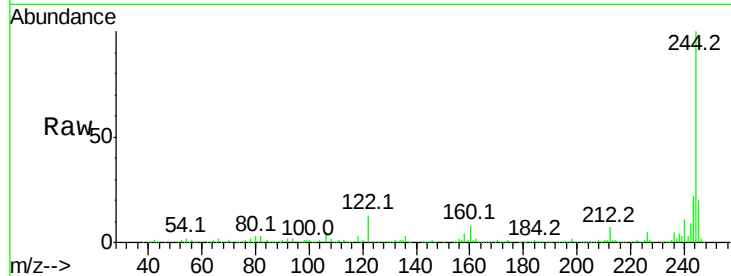




#78
 Terphenyl-d14
 Concen: 71.543 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF098216.D
 Acq: 1 Sep 2017 10:29

Instrument :
 BNA_F
 ClientSampleId :
 PB101969BL

Tot Ion:244 Resp: 1115050
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. 0.00 min
 Lab File: BF098216.D
 Acq: 1 Sep 2017 10:29

Tgt Ion:264 Resp: 232089
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.5 29.3
 265 21.3 17.2 25.8

