

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090217\
 Data File : BF098266.D
 Acq On : 3 Sep 2017 00:44
 Operator : SJ/JU
 Sample : I5048-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 07:30:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

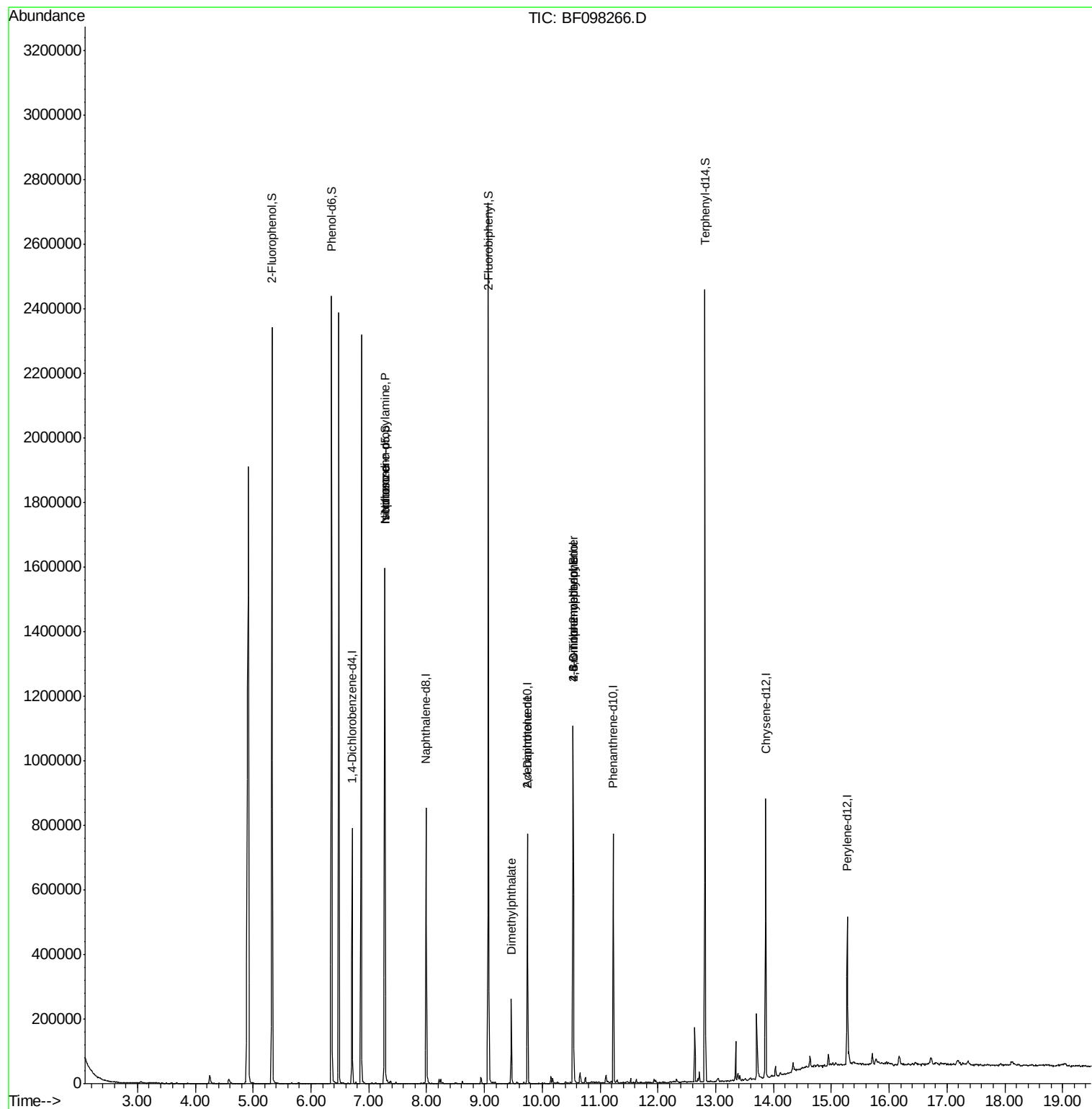
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	101426	20.00	ng	-0.04
21) Naphthalene-d8	7.99	136	361596	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	138005	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	253960	20.00	ng	-0.04
75) Chrysene-d12	13.86	240	263765	20.00	ng	-0.04
86) Perylene-d12	15.27	264	189975	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	662890	99.41	ng	-0.02
7) Phenol-d6	6.36	99	963816	106.38	ng	-0.03
23) Nitrobenzene-d5	7.28	82	636465	95.62	ng	-0.04
41) 2,4,6-Tribromophenol	10.53	330	115741	96.66	ng	-0.04
44) 2-Fluorobiphenyl	9.07	172	884183	94.13	ng	-0.04
78) Terphenyl-d14	12.82	244	767713	60.70	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	83697	13.495	ng	# 68
25) Isophorone	7.28	82	625452	45.189	ng	# 67
49) Dimethylphthalate	9.46	163	101958	10.107	ng	# 99
56) 2,4-Dinitrotoluene	9.75	165	17272	6.835	ng	# 32
64) 4,6-Dinitro-2-methylphenol	10.53	198	119	8.403	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	7788	2.953	ng	# 1

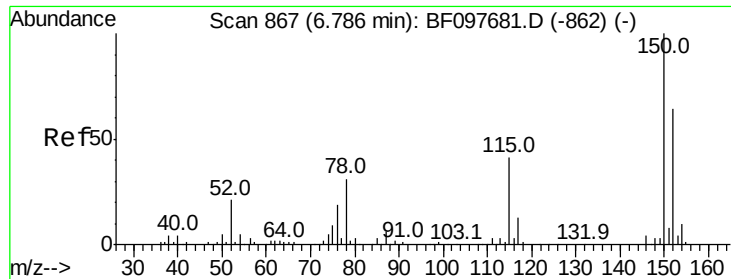
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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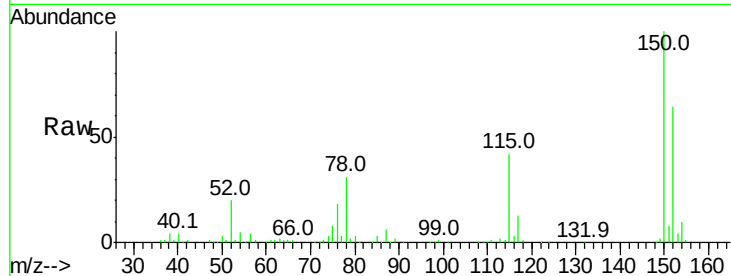


#1

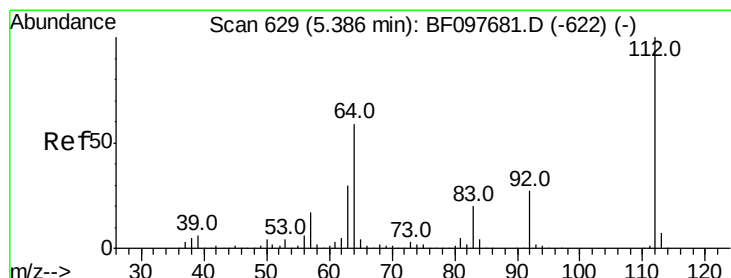
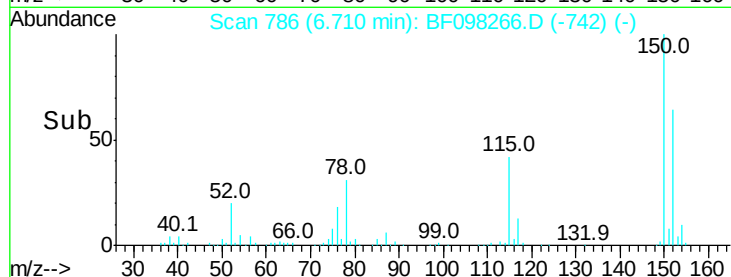
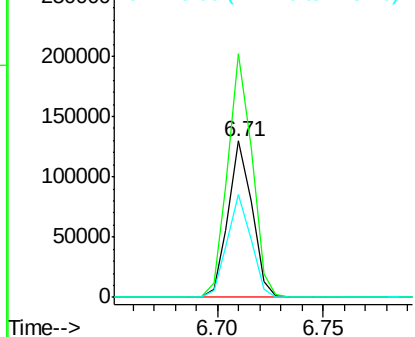
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.04 min
 Lab File: BF098266.D
 Acq: 3 Sep 2017 00:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 101426
 Ion Ratio Lower Upper
 152 100
 150 155.9 126.2 189.2
 115 66.1 52.2 78.2



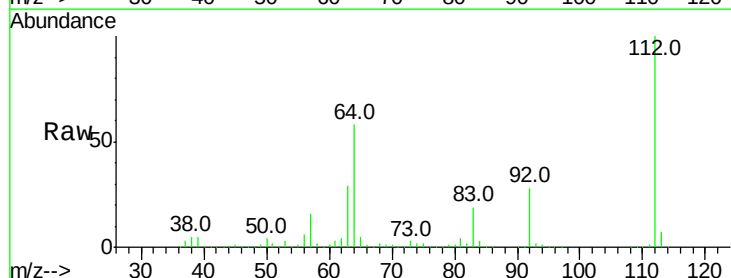
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



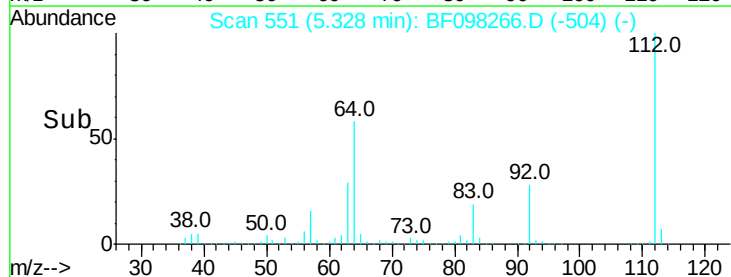
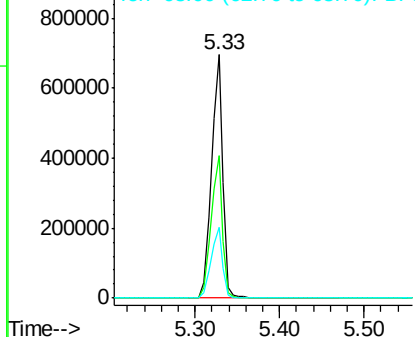
#5

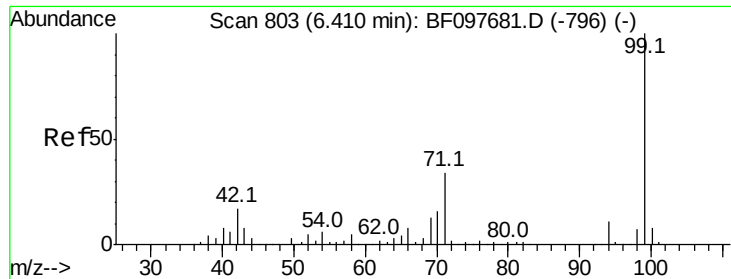
2-Fluorophenol
 Concen: 99.413 ng
 RT: 5.33 min Scan# 551
 Delta R.T. -0.02 min
 Lab File: BF098266.D
 Acq: 3 Sep 2017 00:44

Tgt Ion:112 Resp: 662890
 Ion Ratio Lower Upper
 112 100
 64 58.4 46.0 69.0
 63 29.1 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: 106.382 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098266.D

Acq: 3 Sep 2017 00:44

Instrument :

BNA_F

ClientSampled :

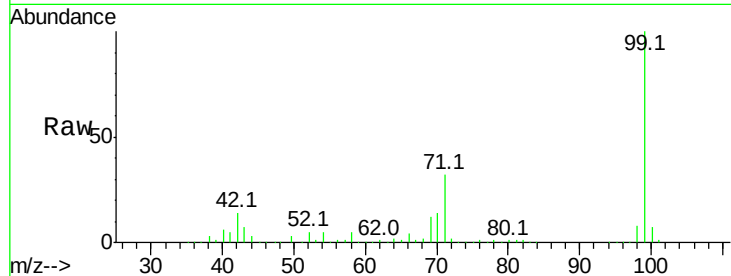
Tot Ion: 99 Resp: 963816

Ion Ratio Lower Upper

99 100

42 14.5 13.5 20.3

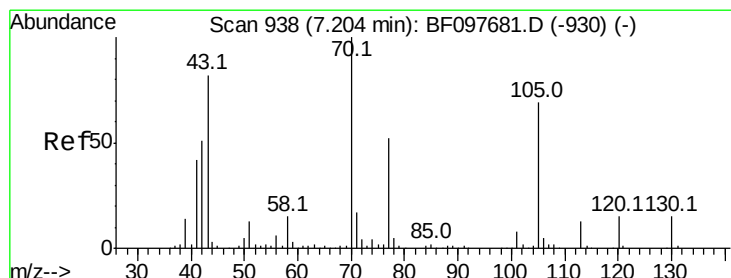
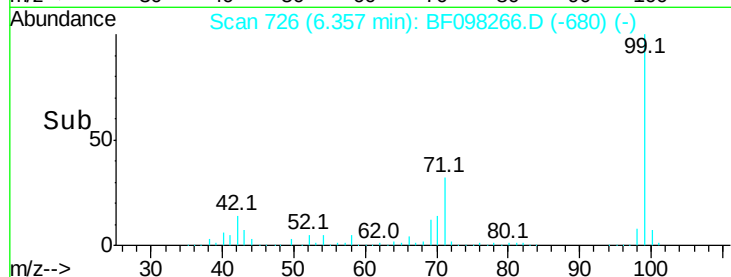
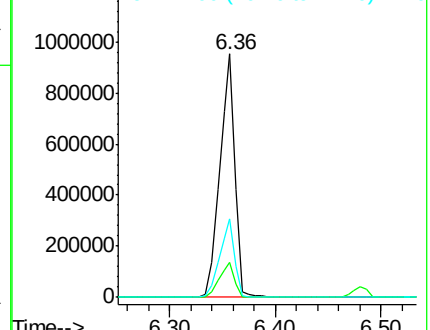
71 32.1 24.5 36.7



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: 13.495 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.11 min

Lab File: BF098266.D

Acq: 3 Sep 2017 00:44

Tgt Ion: 70 Resp: 83697

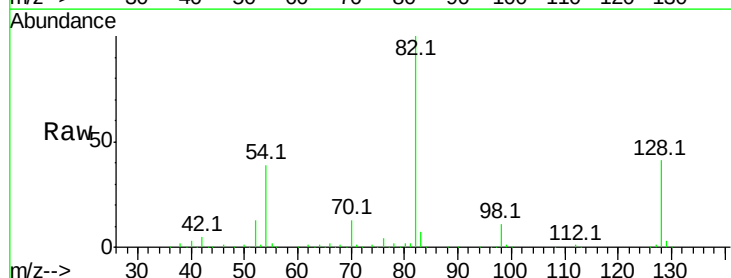
Ion Ratio Lower Upper

70 100

42 35.9 47.2 70.8#

101 0.0 7.2 10.8#

130 1.7 15.9 23.9#

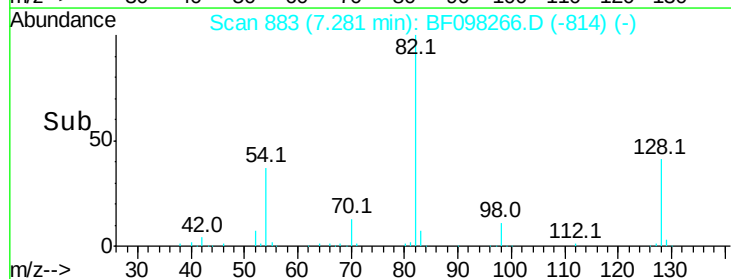
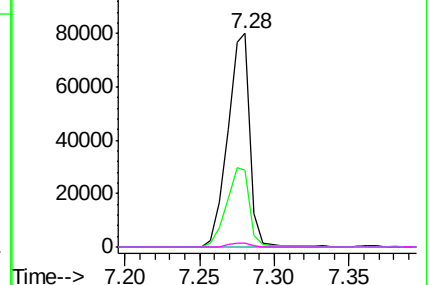


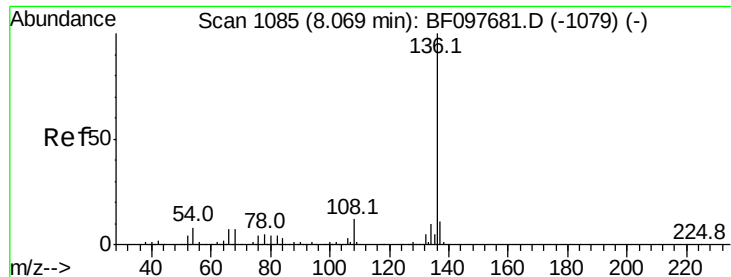
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

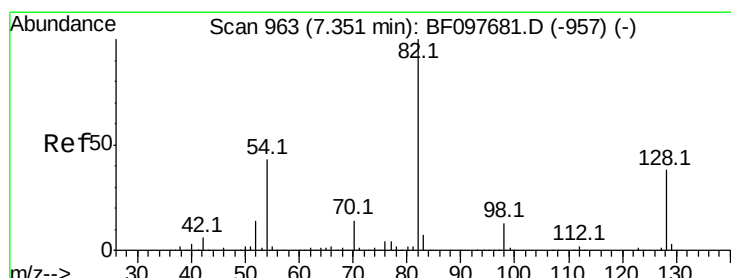
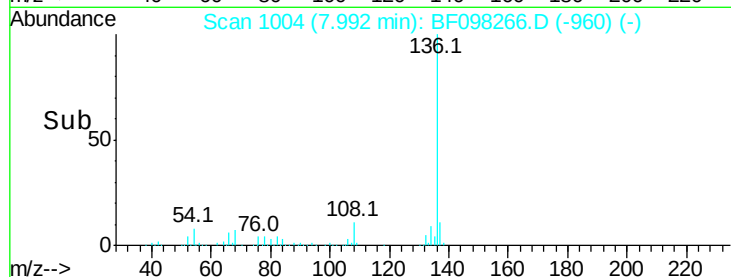
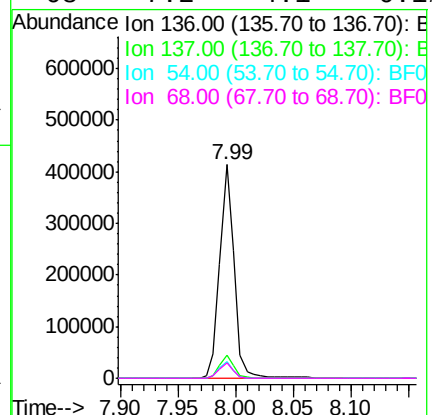
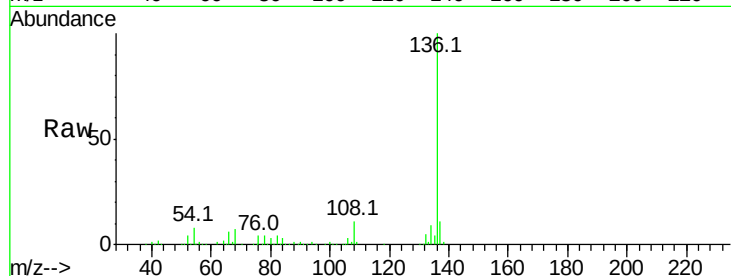




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.04 min
Lab File: BF098266.D
Acq: 3 Sep 2017 00:44

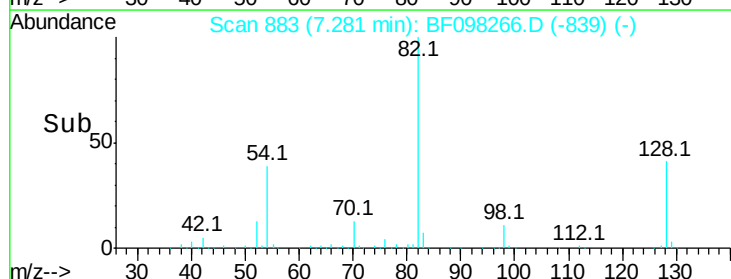
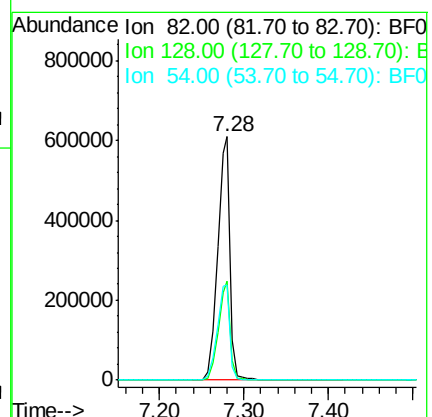
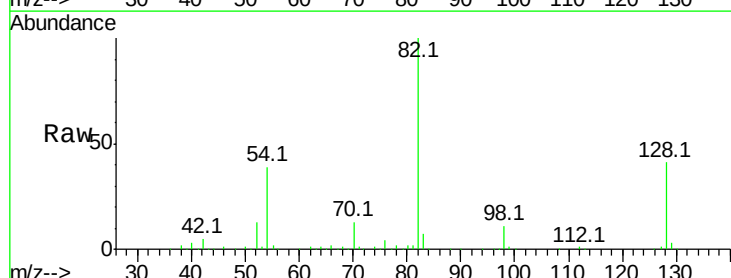
Instrument :
BNA_F
ClientSampleId :

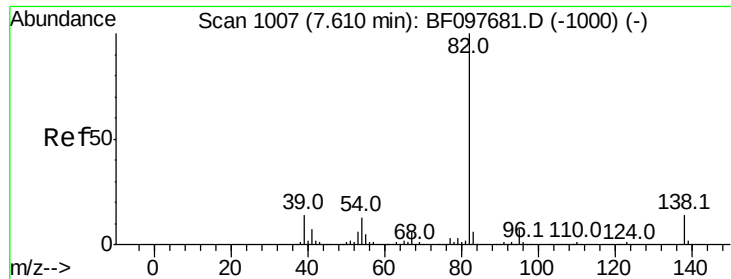
Tot Ion:	136	Resp:	361596
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.6	4.9	7.3#
68	7.2	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 95.620 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.04 min
Lab File: BF098266.D
Acq: 3 Sep 2017 00:44

Tgt Ion:	82	Resp:	636465
Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.0	51.0
54	38.8	42.2	63.2#

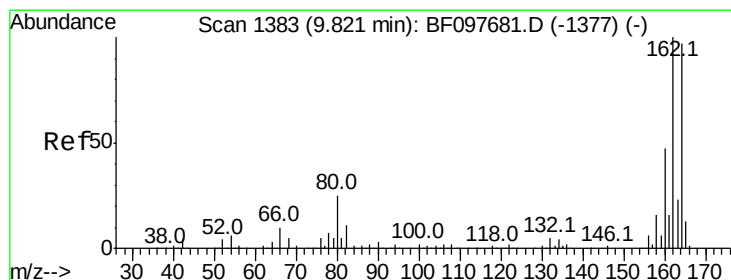
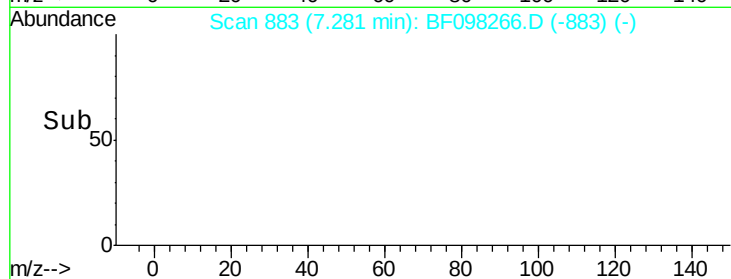
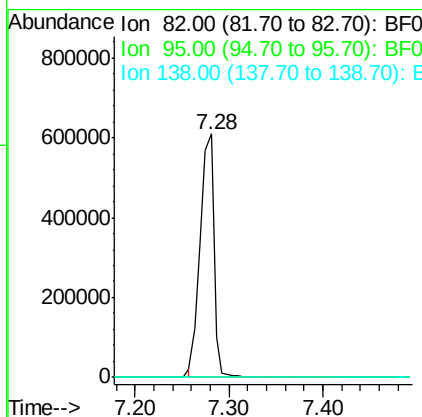
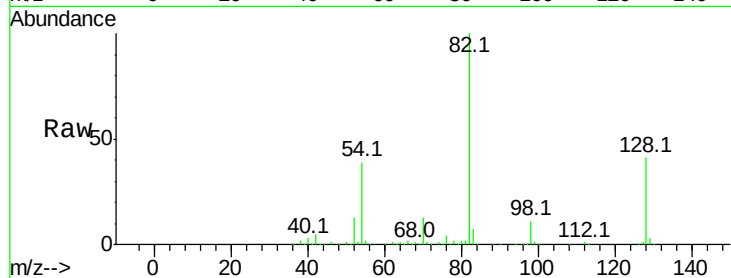




#25
Isophorone
Concen: 45.189 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.30 min
Lab File: BF098266.D
Acq: 3 Sep 2017 00:44

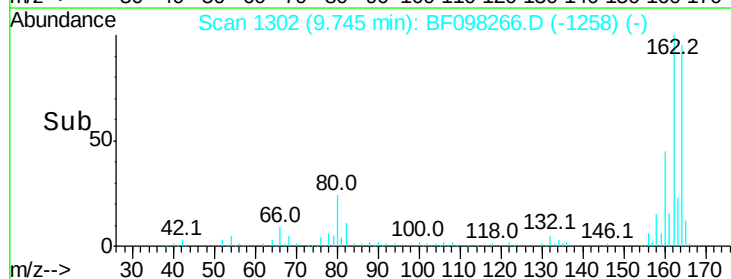
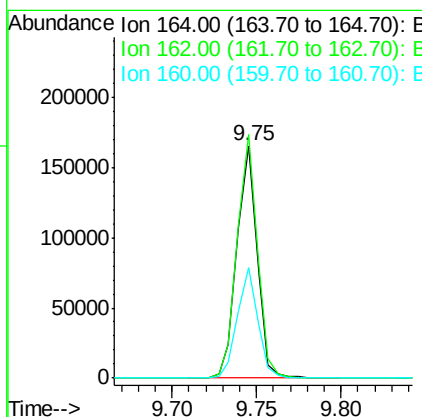
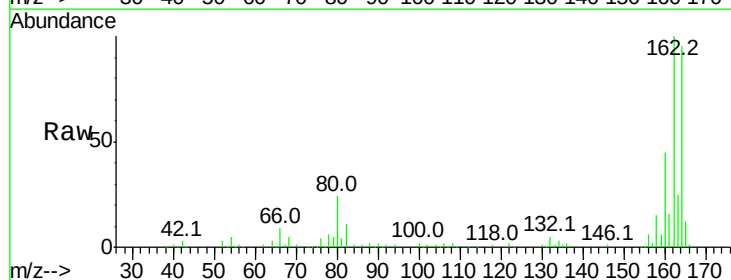
Instrument :
BNA_F
ClientSampleId :

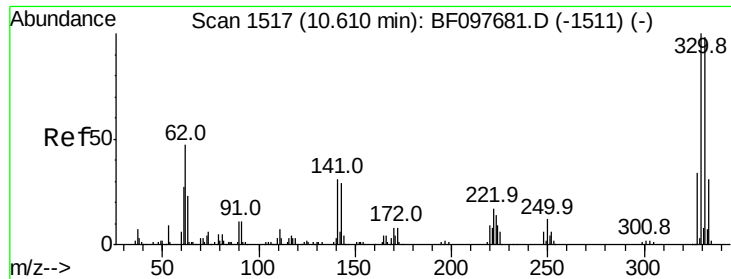
Tot Ion: 82 Resp: 625452
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.04 min
Lab File: BF098266.D
Acq: 3 Sep 2017 00:44

Tgt Ion: 164 Resp: 138005
Ion Ratio Lower Upper
164 100
162 104.8 82.6 123.8
160 47.5 36.2 54.2

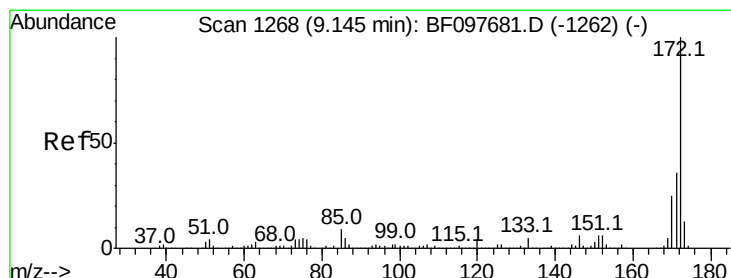
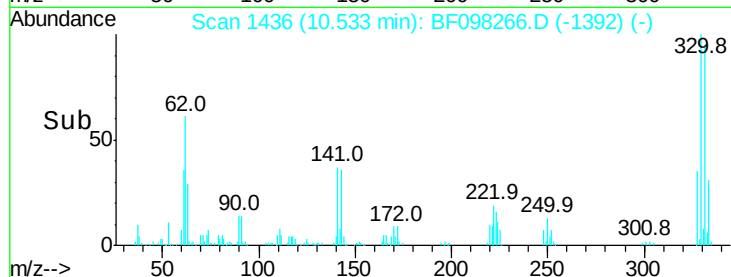
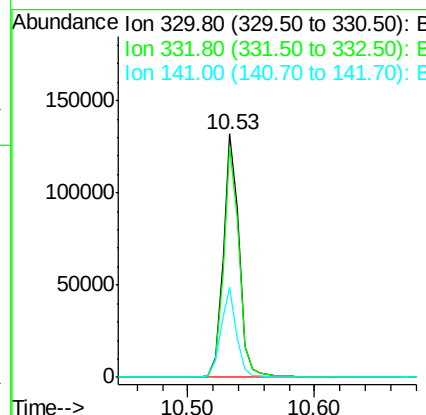
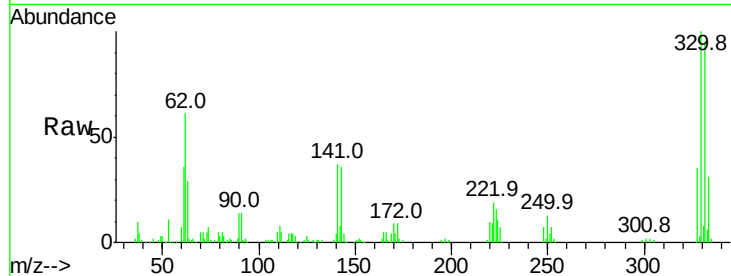




#41
 2,4,6-Tribromophenol
 Concen: 96.659 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.04 min
 Lab File: BF098266.D
 Acq: 3 Sep 2017 00:44

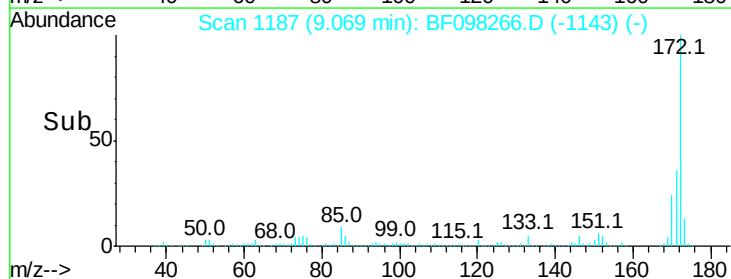
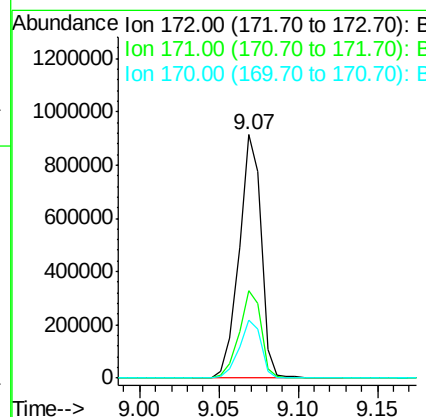
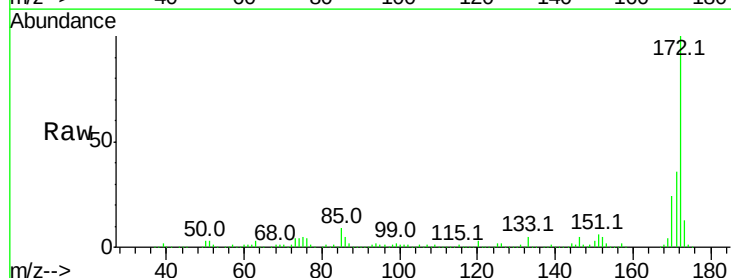
Instrument :
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 ClientSampleId :

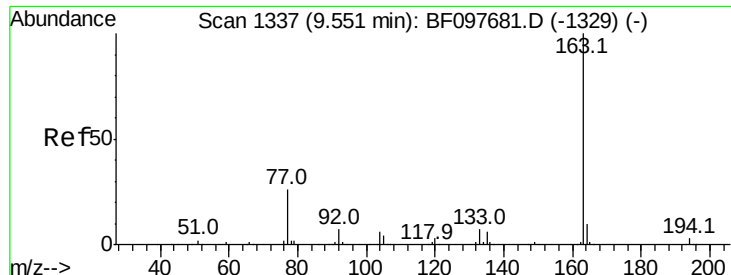
Tot Ion:330 Resp: 115741
 Ion Ratio Lower Upper
 330 100
 332 93.6 76.6 115.0
 141 36.5 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 94.130 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.04 min
 Lab File: BF098266.D
 Acq: 3 Sep 2017 00:44

Tgt Ion:172 Resp: 884183
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 24.0 19.8 29.8

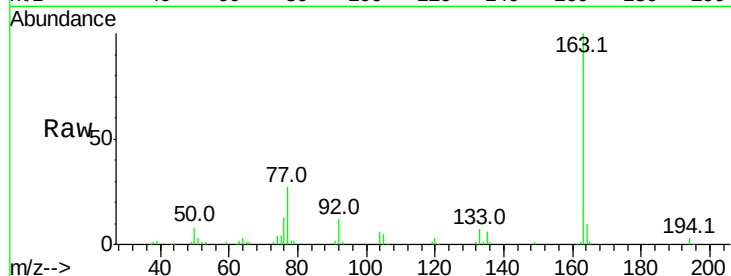




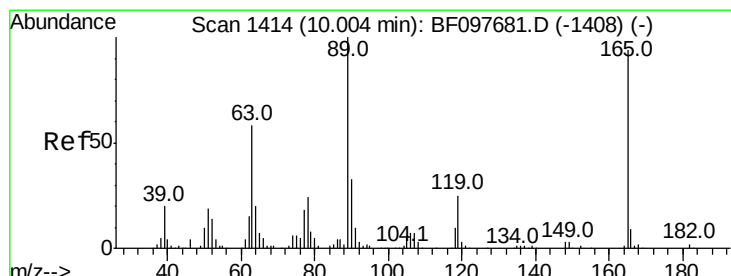
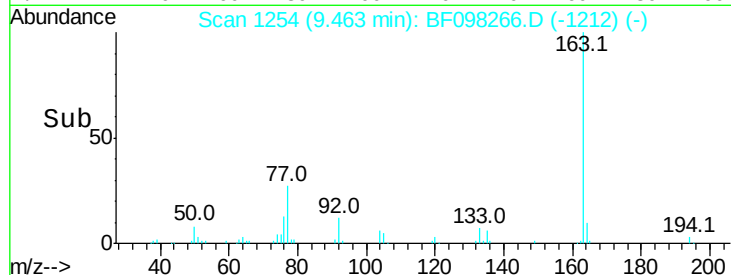
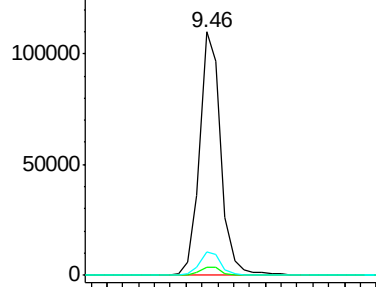
#49
Dimethylphthalate
Concen: 10.107 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.05 min
Lab File: BF098266.D
Acq: 3 Sep 2017 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.8	8.4	12.6



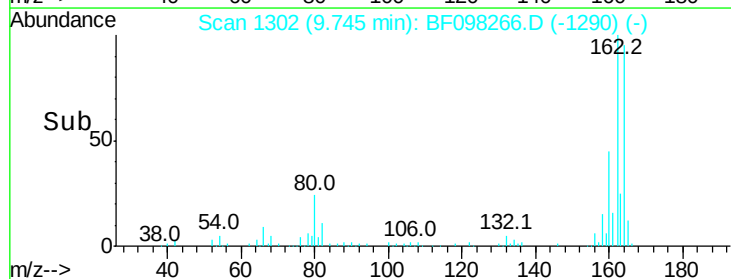
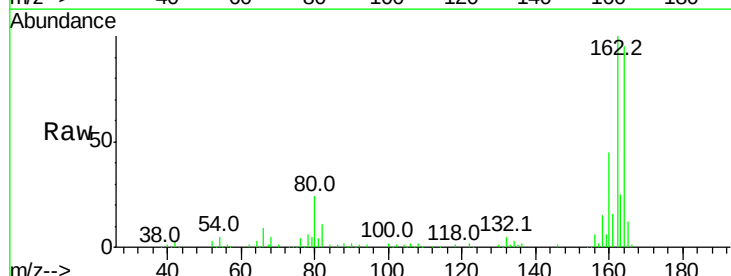
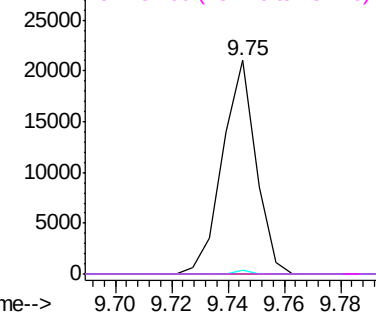
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

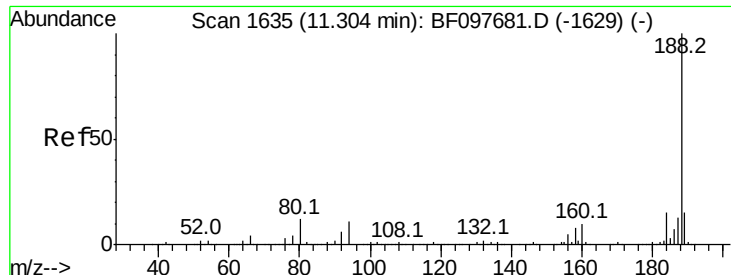


#56
2,4-Dinitrotoluene
Concen: 6.835 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.23 min
Lab File: BF098266.D
Acq: 3 Sep 2017 00:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.6	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

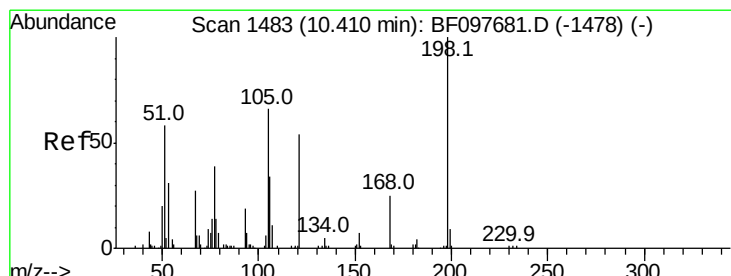
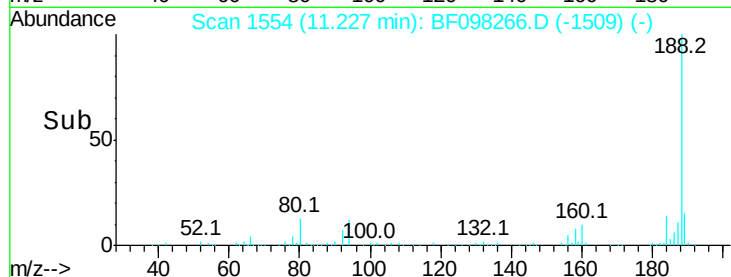
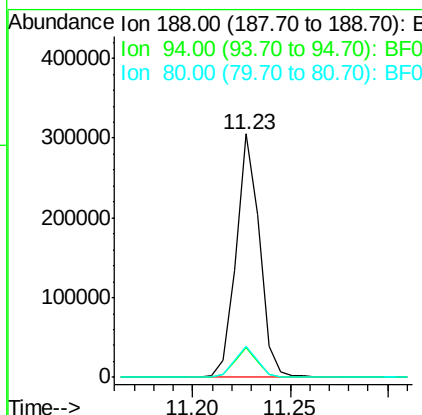
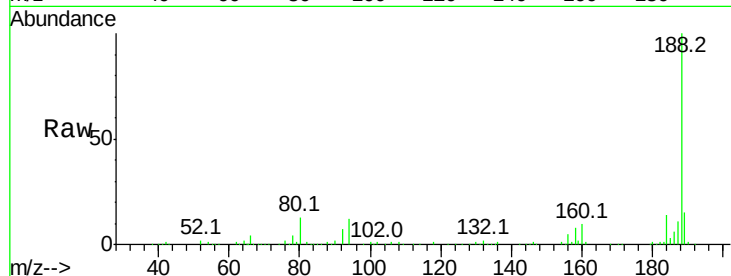




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.04 min
 Lab File: BF098266.D
 Acq: 3 Sep 2017 00:44

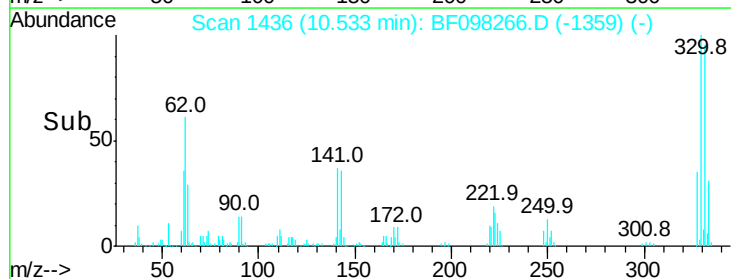
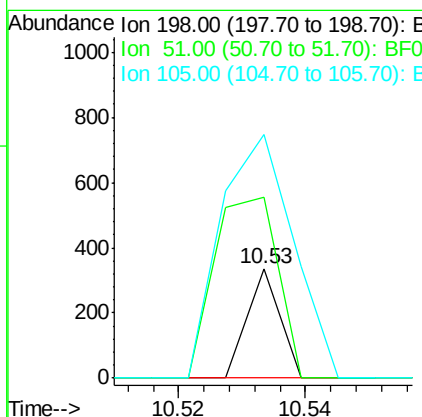
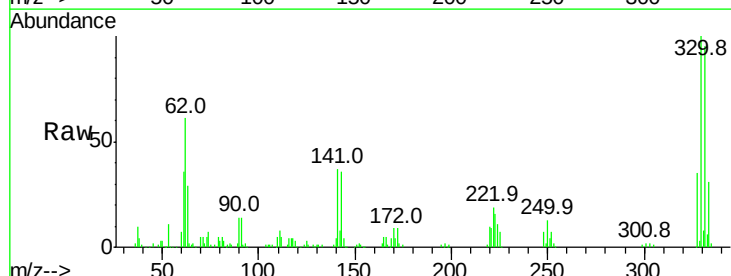
Instrument :
 BNA_F
 ClientSampleId :

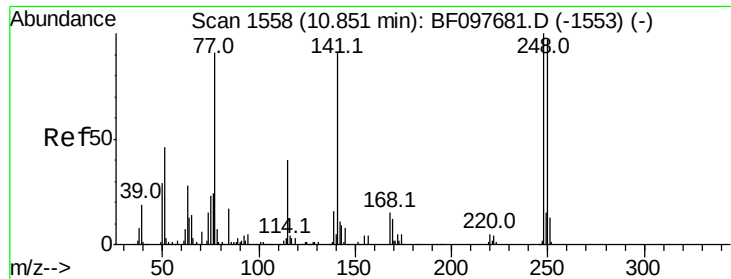
Tot Ion:188 Resp: 253960
 Ion Ratio Lower Upper
 188 100
 94 12.5 9.4 14.2
 80 12.7 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.403 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.15 min
 Lab File: BF098266.D
 Acq: 3 Sep 2017 00:44

Tgt Ion:198 Resp: 119
 Ion Ratio Lower Upper
 198 100
 51 165.2 53.2 93.2#
 105 222.3 45.8 85.8#

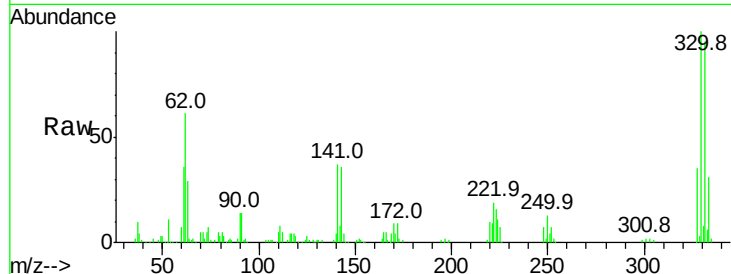




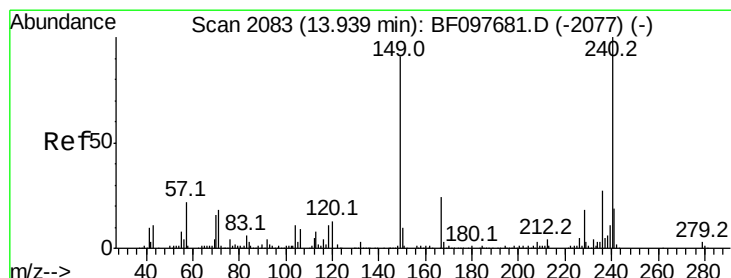
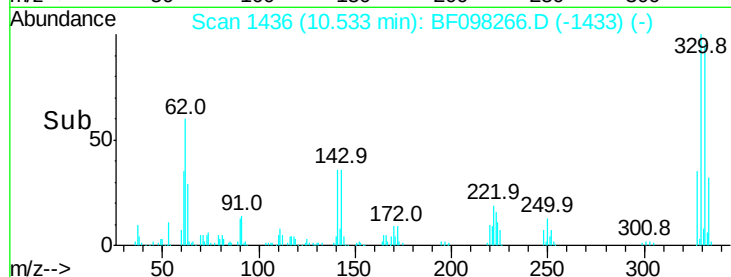
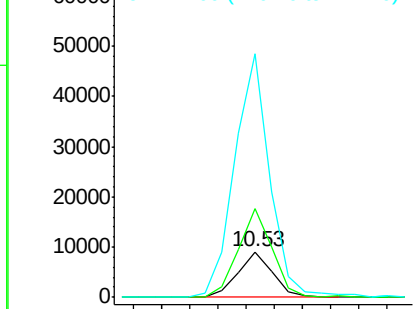
#66
4-Bromophenyl-phenylether
Concen: 2.953 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.28 min
Lab File: BF098266.D
Acq: 3 Sep 2017 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7788
Ion Ratio Lower Upper
248 100
250 194.3 76.8 115.2#
141 535.5 68.6 103.0#

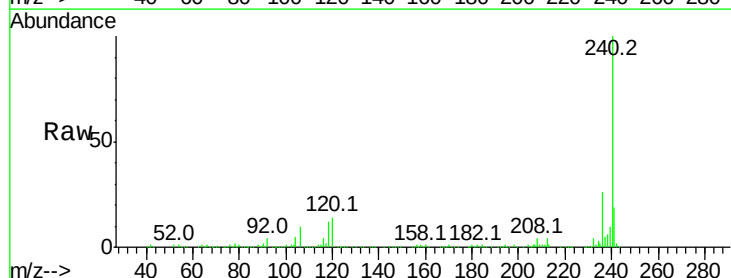


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

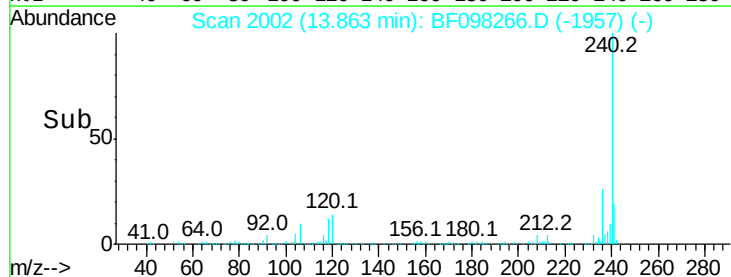
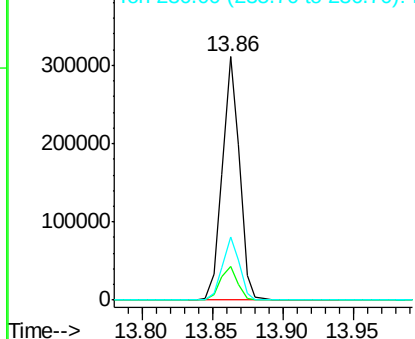


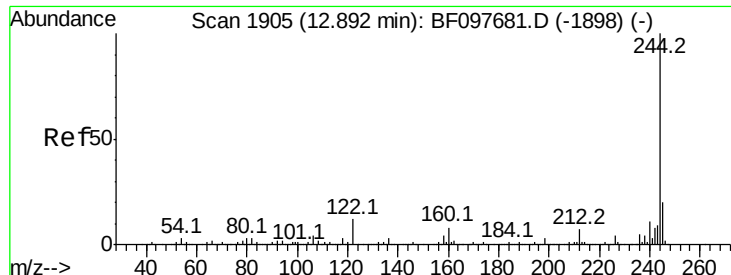
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.04 min
Lab File: BF098266.D
Acq: 3 Sep 2017 00:44

Tgt Ion:240 Resp: 263765
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 25.9 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: 60.696 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.04 min

Lab File: BF098266.D

Acq: 3 Sep 2017 00:44

Instrument :

BNA_F

ClientSampled :

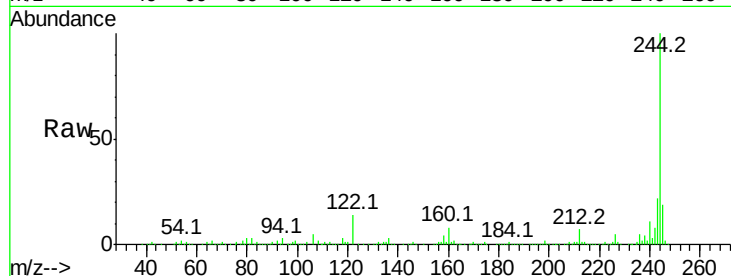
Tot Ion:244 Resp: 767713

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

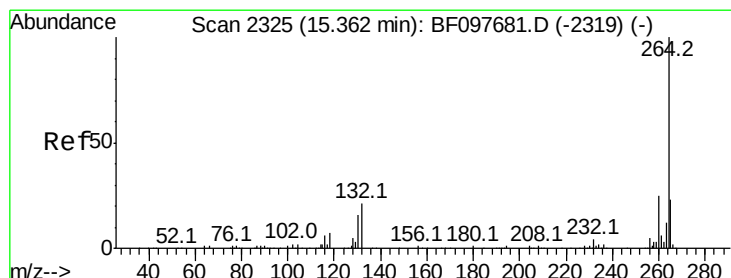
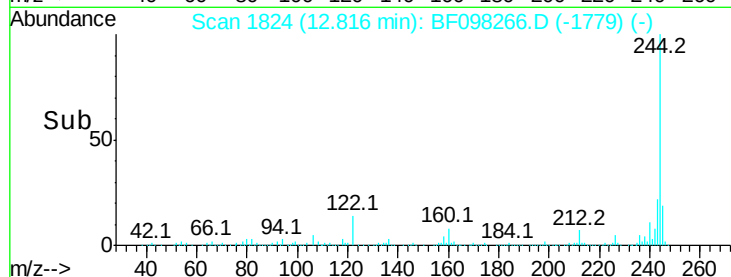
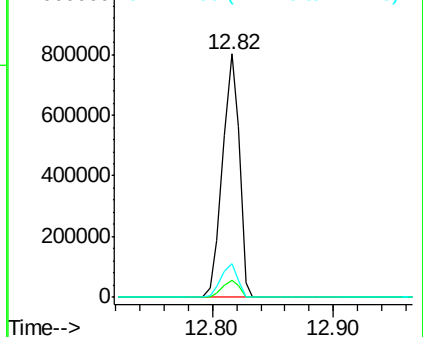
122 13.7 10.3 15.5



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: 15.27 min Scan# 2242

Delta R.T. -0.04 min

Lab File: BF098266.D

Acq: 3 Sep 2017 00:44

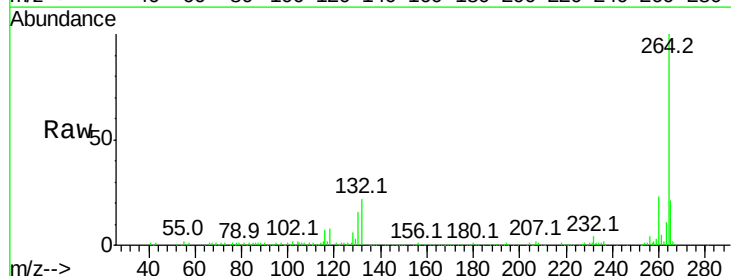
Tgt Ion:264 Resp: 189975

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 20.9 17.2 25.8



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

