

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098276.D
 Acq On : 6 Sep 2017 16:54
 Operator : SJ/JU
 Sample : PB102074BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BL

Quant Time: Sep 07 03:34:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

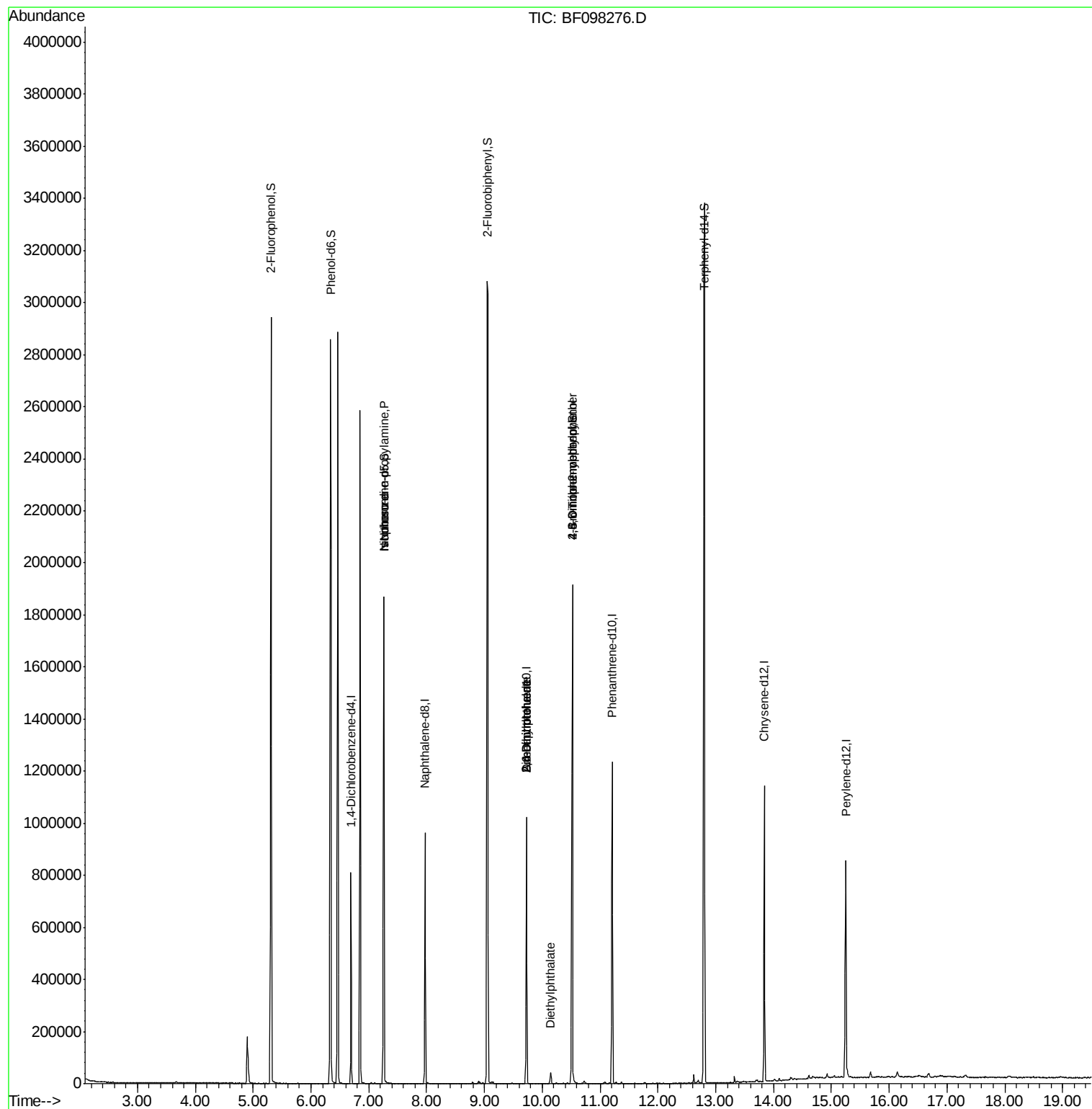
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	106612	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	424799	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	196135	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	419463	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	408838	20.00	ng	-0.02
86) Perylene-d12	15.25	264	352021	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	958161	136.70	ng	0.00
7) Phenol-d6	6.34	99	1295203	136.00	ng	-0.01
23) Nitrobenzene-d5	7.26	82	804634	102.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	285987	168.05	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1246262	93.35	ng	-0.01
78) Terphenyl-d14	12.80	244	1259116	64.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	106542	16.34	ng	# 70
25) Isophorone	7.26	82	800121	49.21	ng	# 67
49) Dimethylphthalate	9.73	163	58615	4.09	ng	# 1
50) 2,6-Dinitrotoluene	9.73	165	25248	8.82	ng	# 34
56) 2,4-Dinitrotoluene	9.73	165	25248	7.03	ng	# 33
59) Diethylphthalate	10.14	149	30541	2.04	ng	98
64) 4,6-Dinitro-2-methylphenol	10.52	198	580	8.56	ng	# 9
66) 4-Bromophenyl-phenylether	10.52	248	18337	4.21	ng	# 1

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

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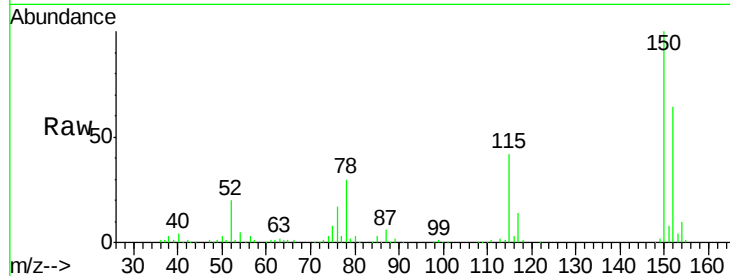


#1

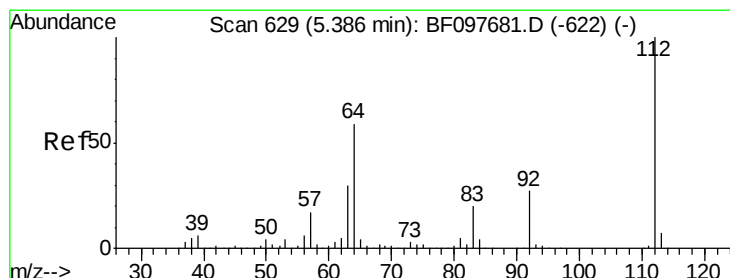
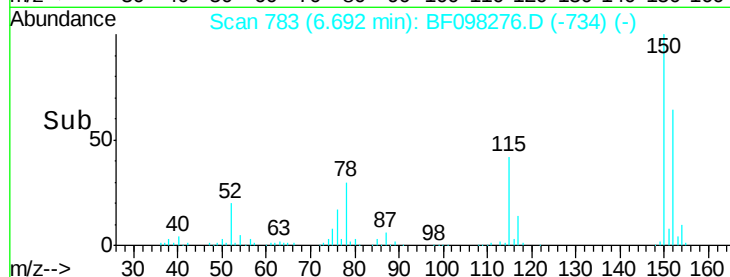
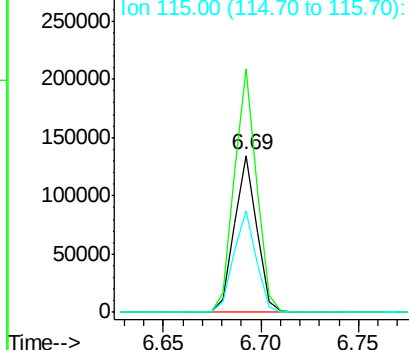
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF098276.D
Acq: 6 Sep 2017 16:54

Instrument :
BNA_F
ClientSampleId :
PB102074BL

Tot Ion:152 Resp: 106612
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.2
115 65.0 52.2 78.2



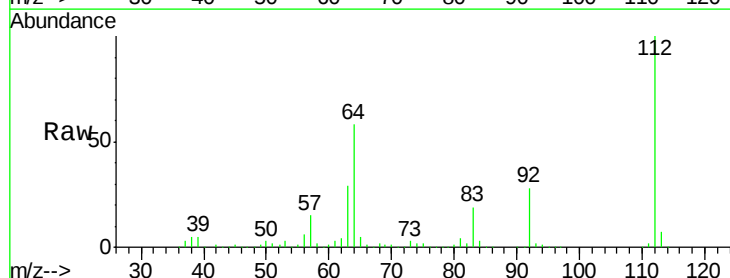
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



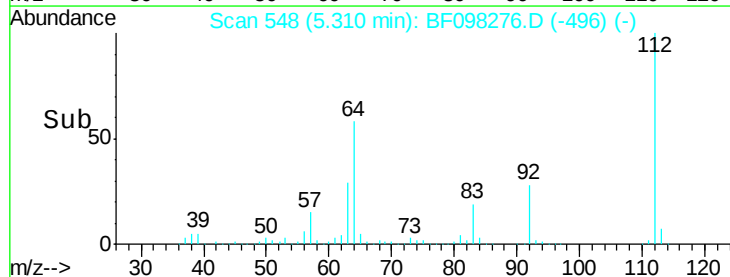
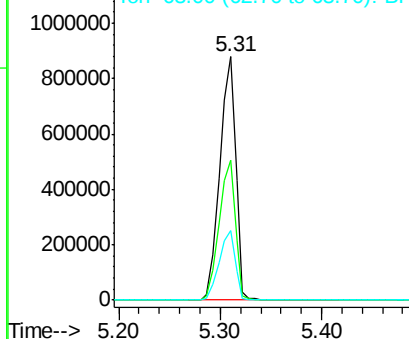
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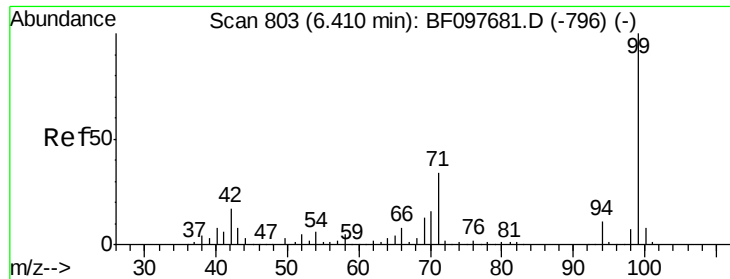
2-Fluorophenol
Concen: 136.70 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF098276.D
Acq: 6 Sep 2017 16:54

Tgt Ion:112 Resp: 958161
Ion Ratio Lower Upper
112 100
64 57.6 46.0 69.0
63 28.7 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: 136.00 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF098276.D

Acq: 6 Sep 2017 16:54

Instrument :

BNA_F

ClientSampleId :

PB102074BL

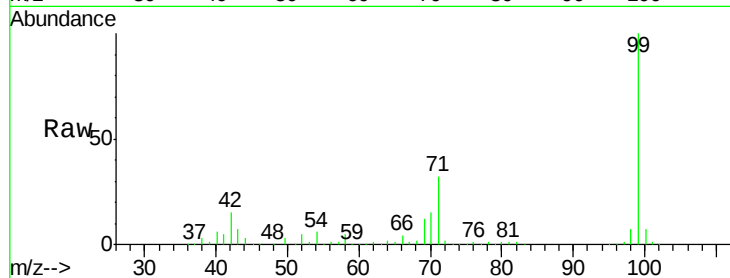
Tot Ion: 99 Resp: 1295203

Ion Ratio Lower Upper

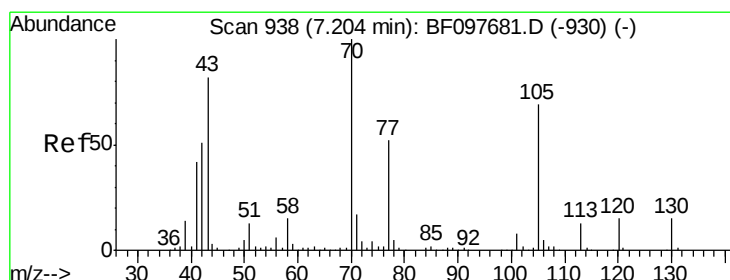
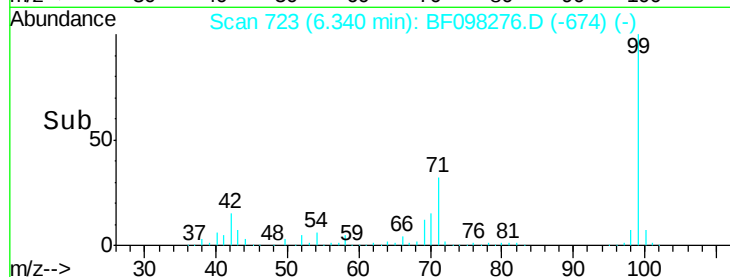
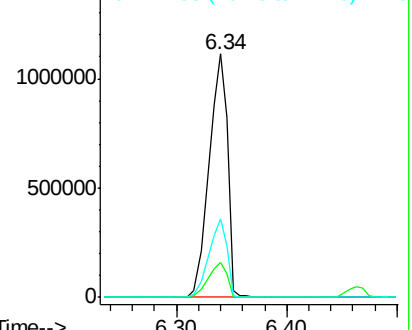
99 100

42 14.5 13.5 20.3

71 32.2 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: 16.34 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF098276.D

Acq: 6 Sep 2017 16:54

Tgt Ion: 70 Resp: 106542

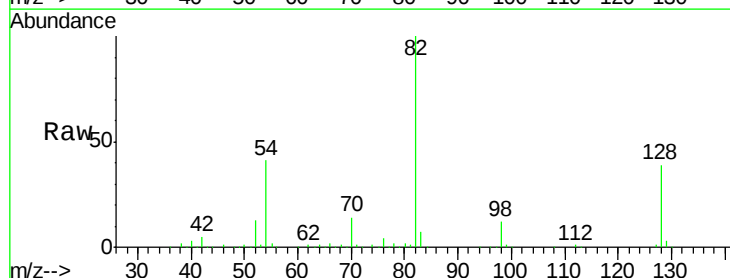
Ion Ratio Lower Upper

70 100

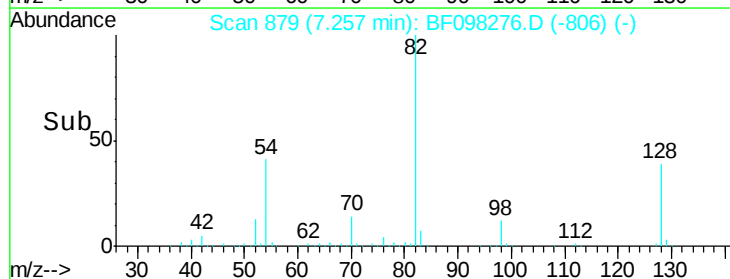
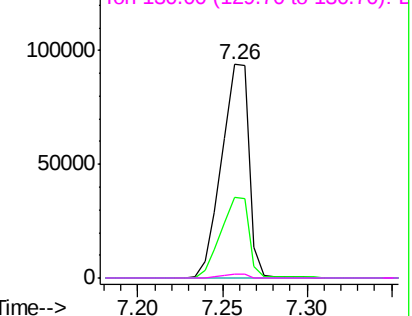
42 37.7 47.2 70.8#

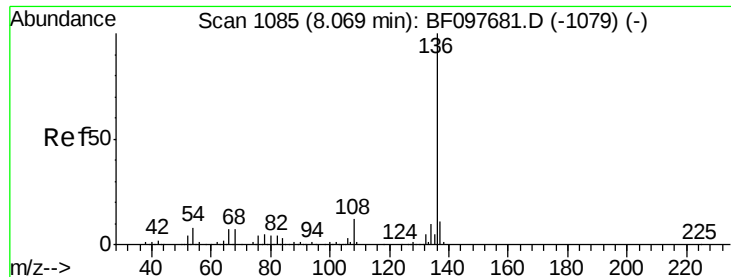
101 0.0 7.2 10.8#

130 2.1 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

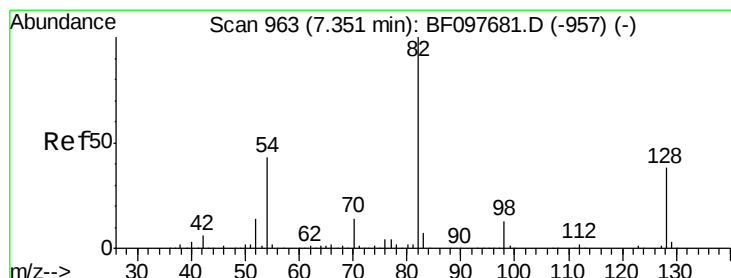
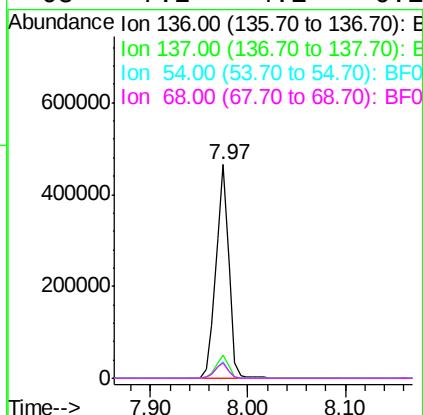
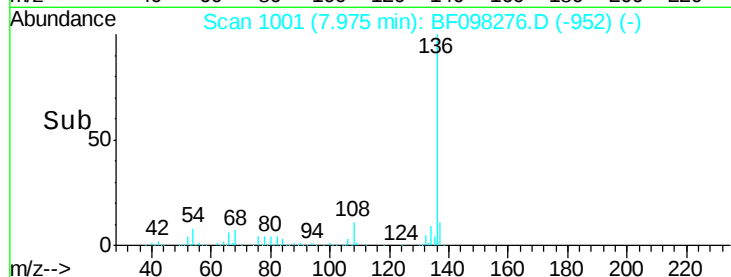
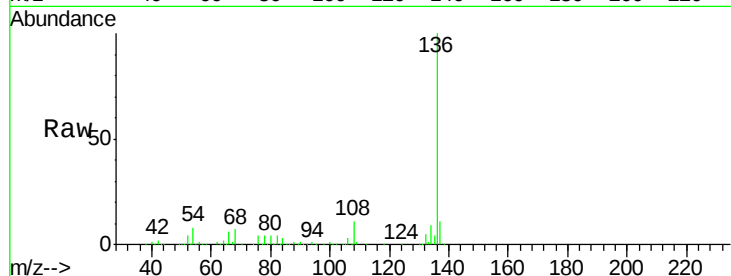




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF098276.D
Acq: 6 Sep 2017 16:54

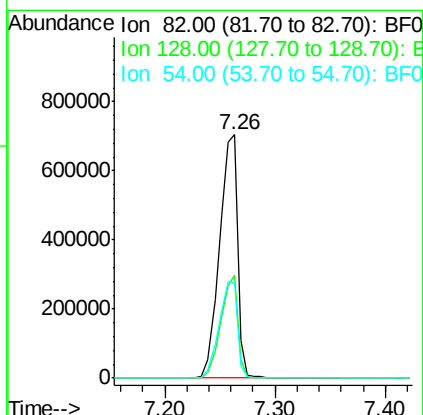
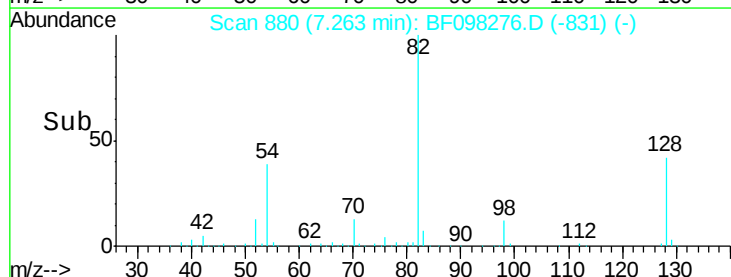
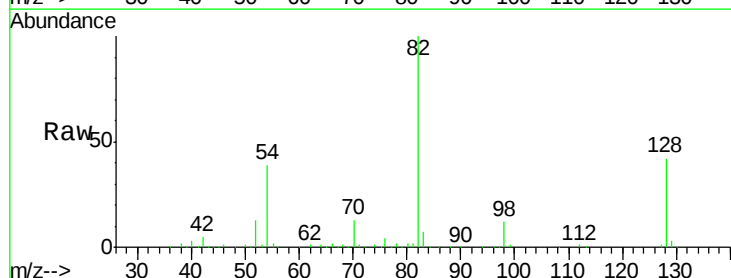
Instrument :
BNA_F
ClientSampleId :
PB102074BL

Tot Ion:136	Resp:	424799
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.5 12.7
54	7.7	4.9 7.3#
68	7.2	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 102.90 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF098276.D
Acq: 6 Sep 2017 16:54

Tgt Ion: 82	Resp:	804634
Ion	Ratio	Lower Upper
82	100	
128	42.5	34.0 51.0
54	39.3	42.2 63.2#





#25

Isophorone

Concen: 49.21 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.27 min

Lab File: BF098276.D

Acq: 6 Sep 2017 16:54

Instrument :

BNA_F

ClientSampleId :

PB102074BL

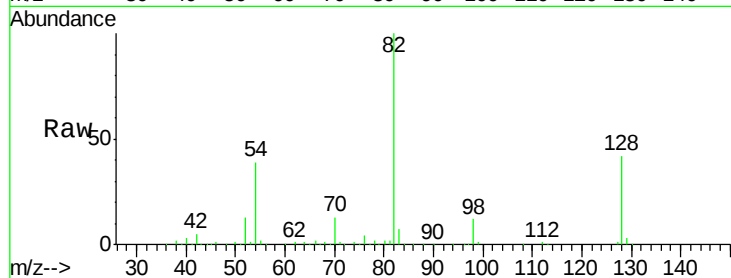
Tot Ion: 82 Resp: 800121

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

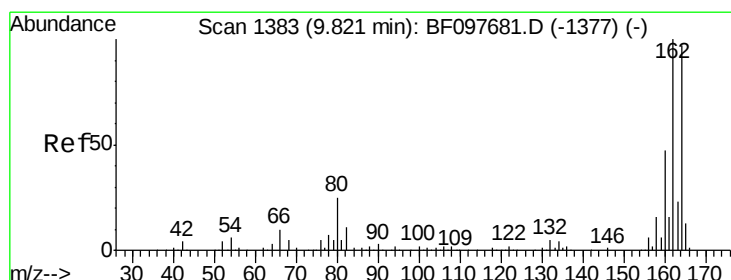
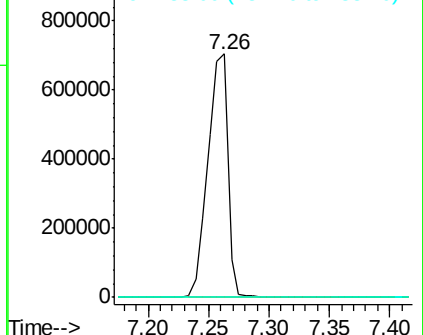
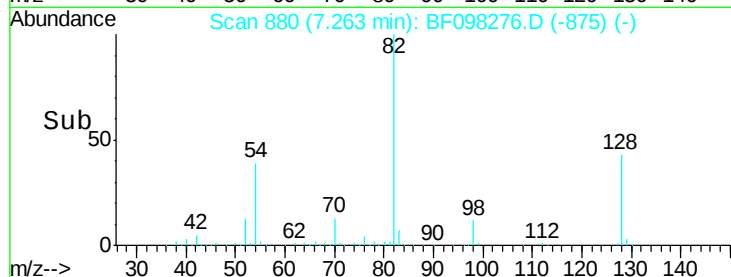
138 0.0 13.1 19.7#



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: 20.00 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF098276.D

Acq: 6 Sep 2017 16:54

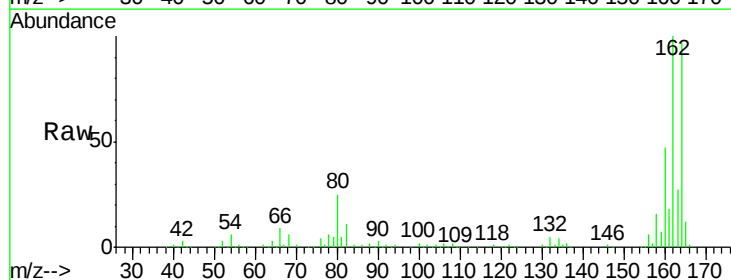
Tgt Ion: 164 Resp: 196135

Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

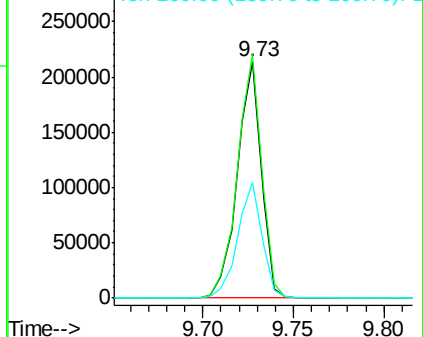
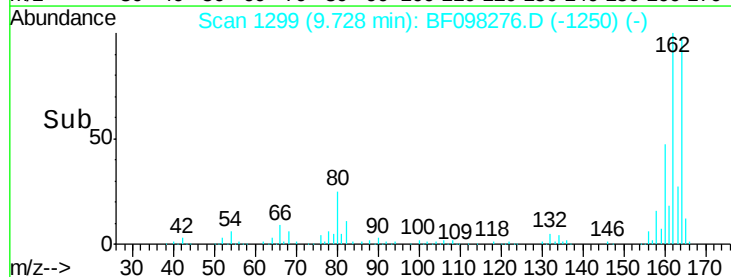
160 49.0 36.2 54.2

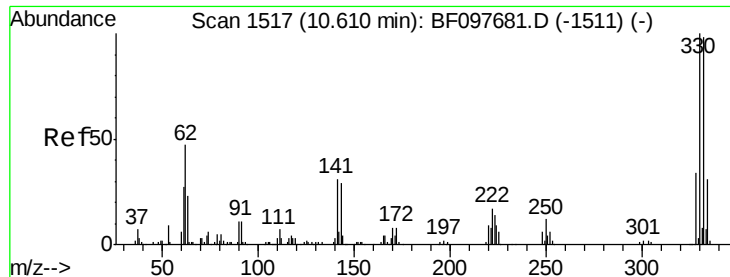


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

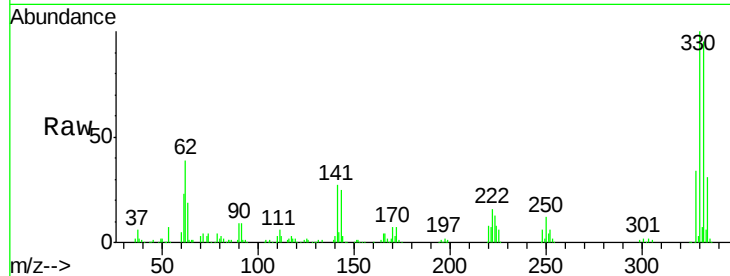




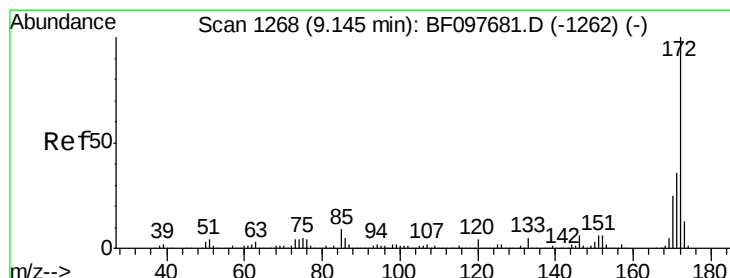
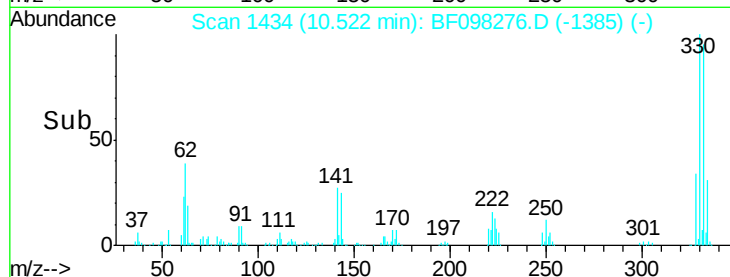
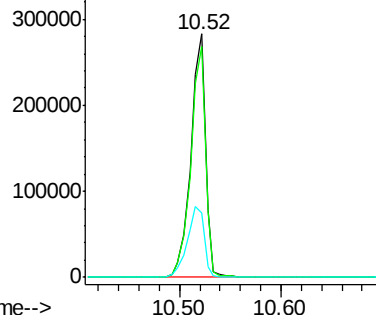
#41
 2,4,6-Tribromophenol
 Concen: 168.05 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098276.D
 Acq: 6 Sep 2017 16:54

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	33.3	31.4	47.2

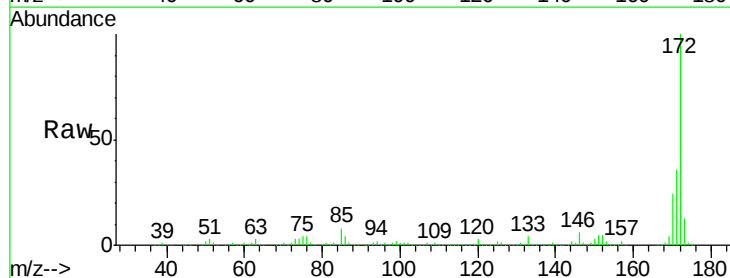


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

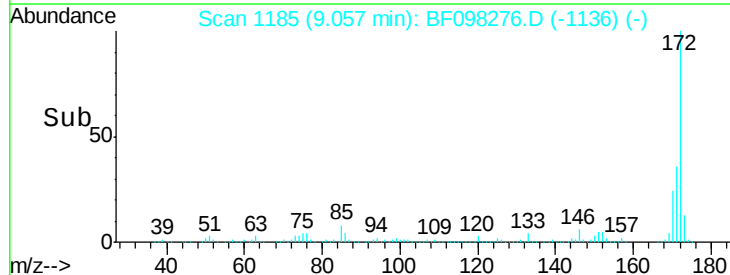
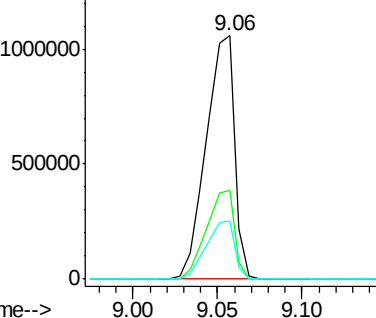


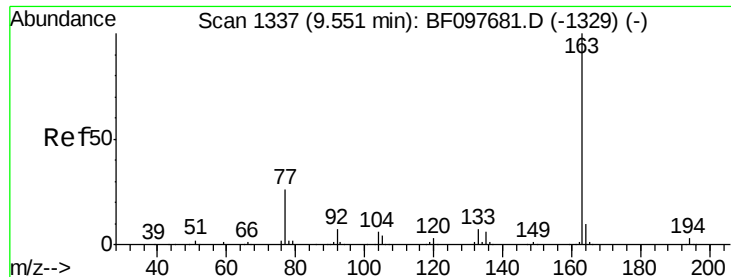
#44
 2-Fluorobiphenyl
 Concen: 93.35 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098276.D
 Acq: 6 Sep 2017 16:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.0	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

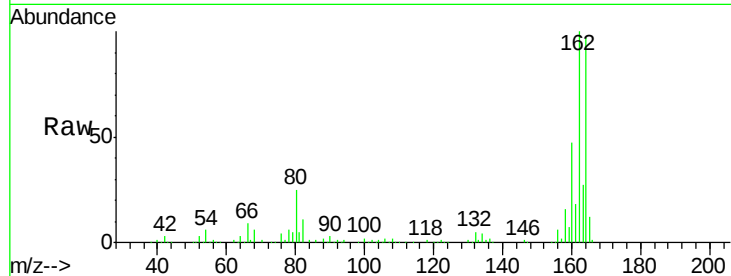




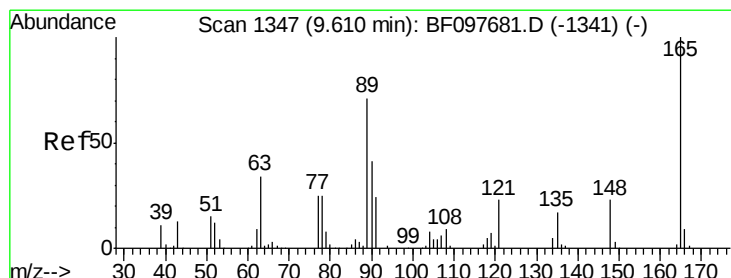
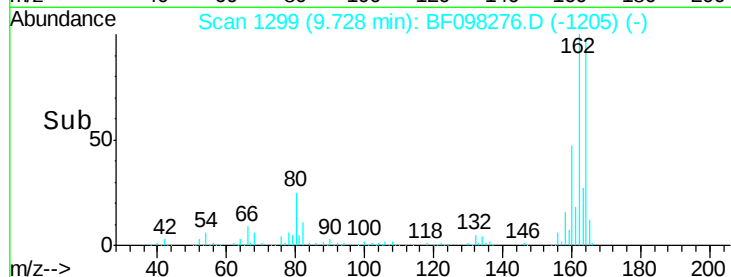
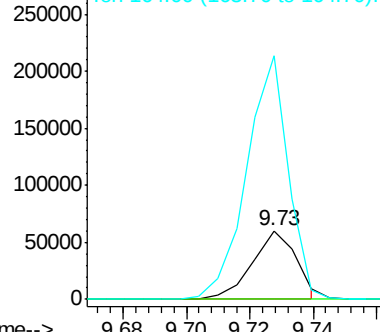
#49
Dimethylphthalate
Concen: 4.09 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.25 min
Lab File: BF098276.D
Acq: 6 Sep 2017 16:54

Instrument :
BNA_F
ClientSampleID :
PB102074BL

Tot Ion:163 Resp: 58615
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 353.4 8.4 12.6#

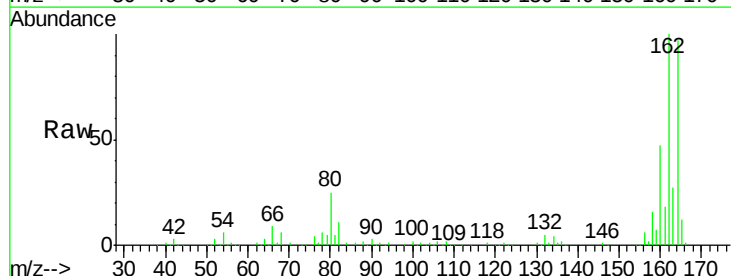


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

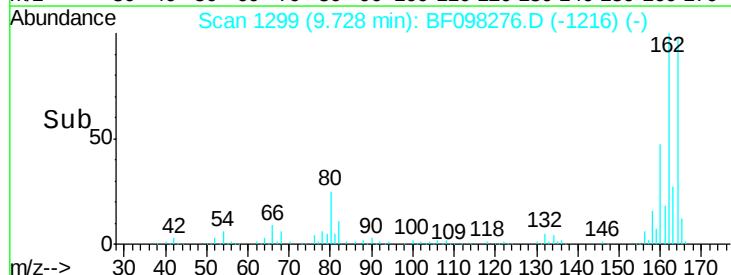
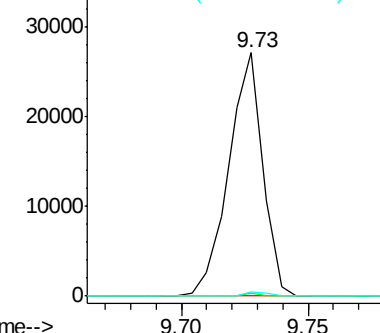


#50
2,6-Dinitrotoluene
Concen: 8.82 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.19 min
Lab File: BF098276.D
Acq: 6 Sep 2017 16:54

Tgt Ion:165 Resp: 25248
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.7 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

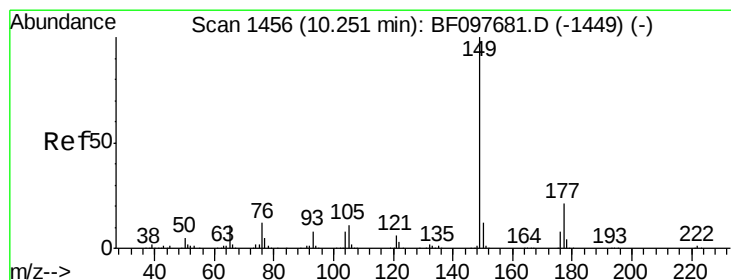
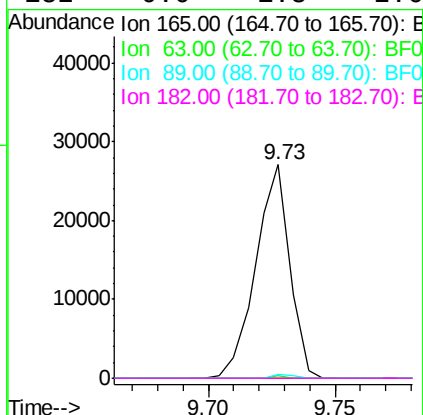
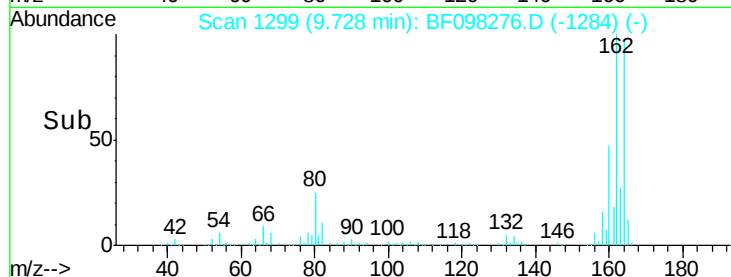
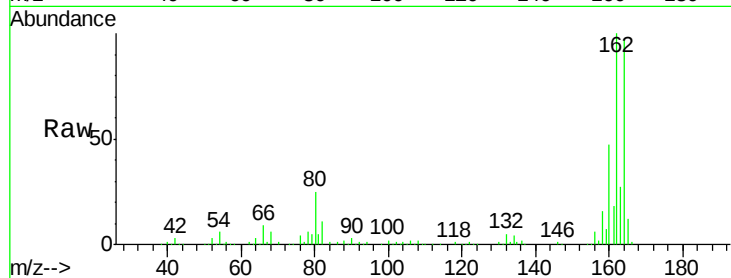




#56
 2,4-Dinitrotoluene
 Concen: 7.03 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF098276.D
 Acq: 6 Sep 2017 16:54

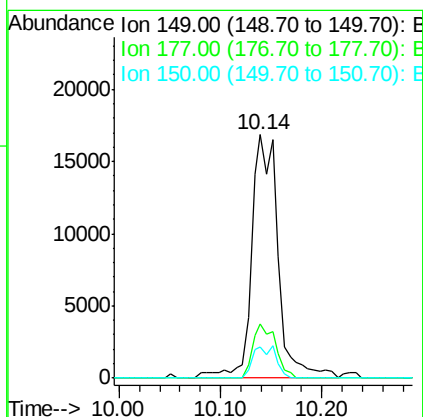
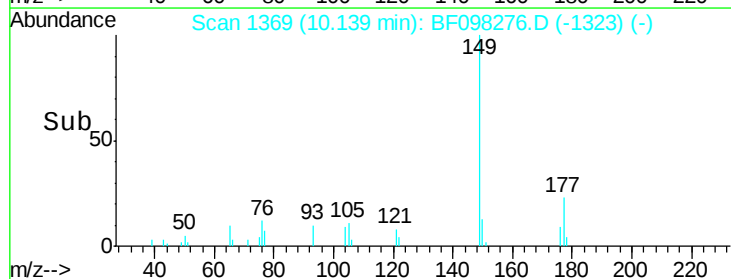
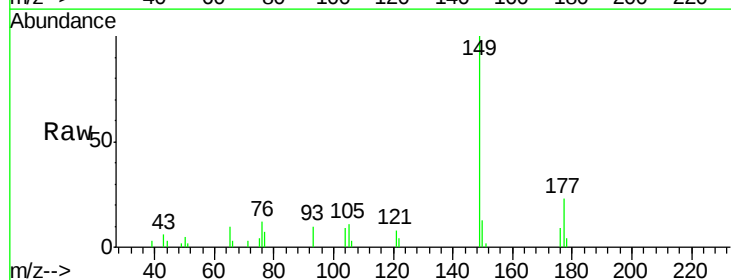
Instrument :
 BNA_F
 ClientSampleId :
 PB102074BL

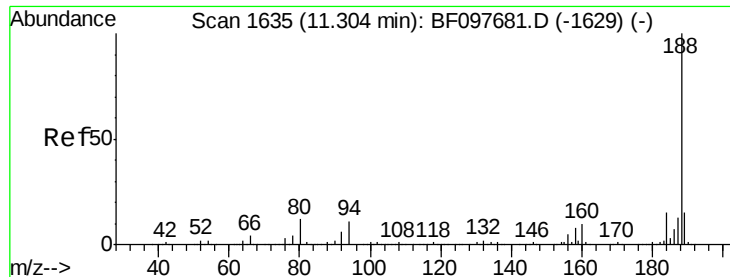
Tot Ion:165	Resp: 25248
Ion Ratio	Lower Upper
165 100	
63 1.4	25.4 38.0#
89 1.7	46.4 69.6#
182 0.0	1.8 2.6#



#59
 Diethylphthalate
 Concen: 2.04 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.03 min
 Lab File: BF098276.D
 Acq: 6 Sep 2017 16:54

Tgt Ion:149	Resp: 30541
Ion Ratio	Lower Upper
149 100	
177 22.5	16.7 25.1
150 12.7	10.2 15.2

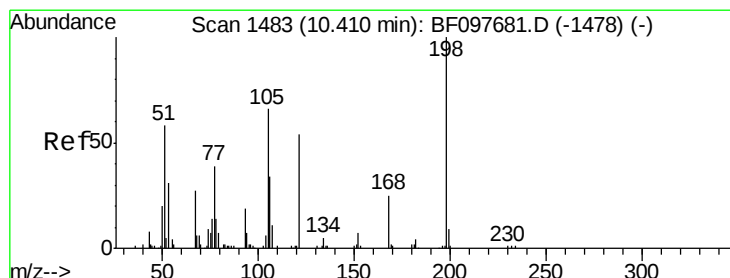
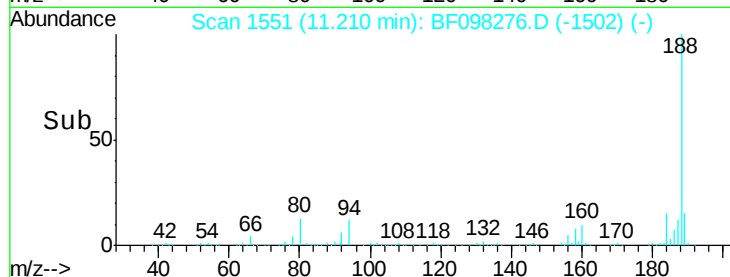
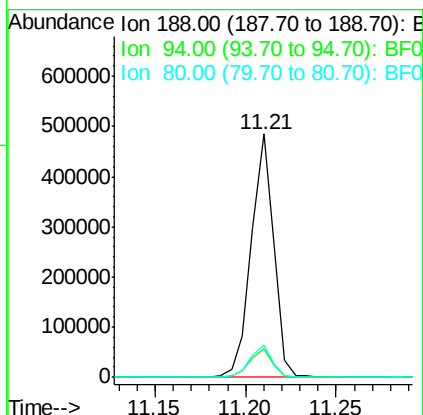
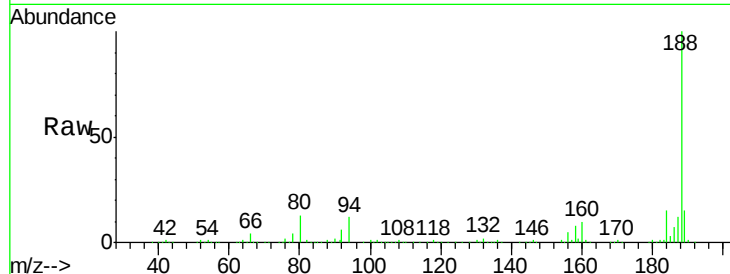




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF098276.D
 Acq: 6 Sep 2017 16:54

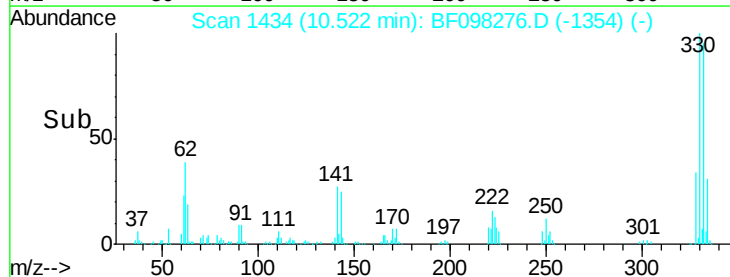
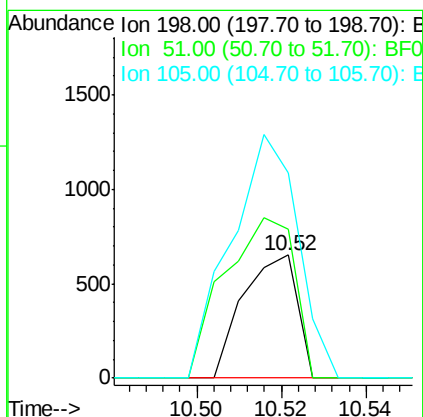
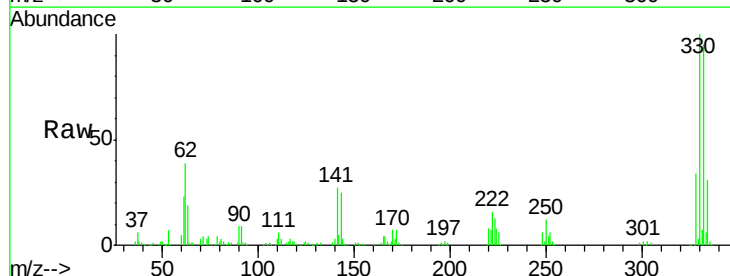
Instrument :
 BNA_F
 ClientSampleId :
 PB102074BL

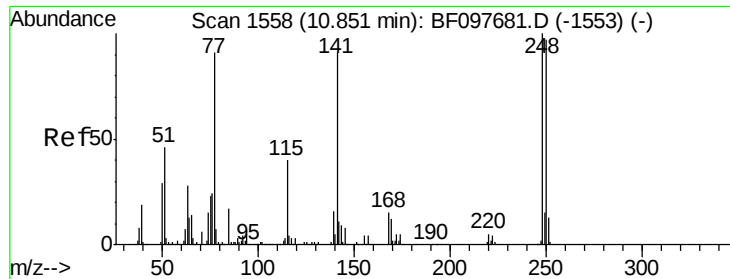
Tot Ion:188 Resp: 419463
 Ion Ratio Lower Upper
 188 100
 94 11.9 9.4 14.2
 80 13.1 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.56 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.17 min
 Lab File: BF098276.D
 Acq: 6 Sep 2017 16:54

Tgt Ion:198 Resp: 580
 Ion Ratio Lower Upper
 198 100
 51 121.4 53.2 93.2#
 105 167.4 45.8 85.8#

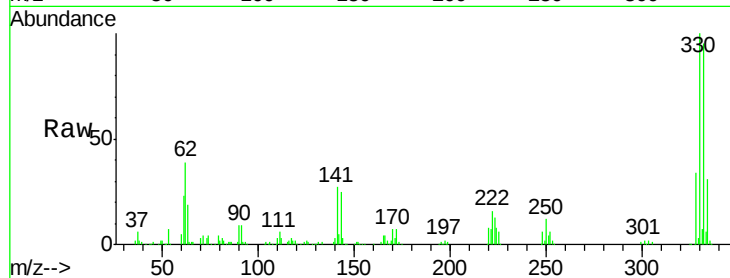




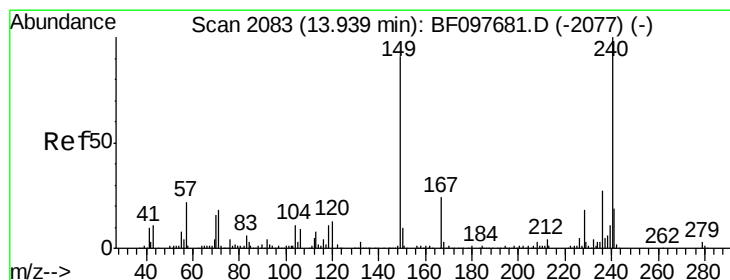
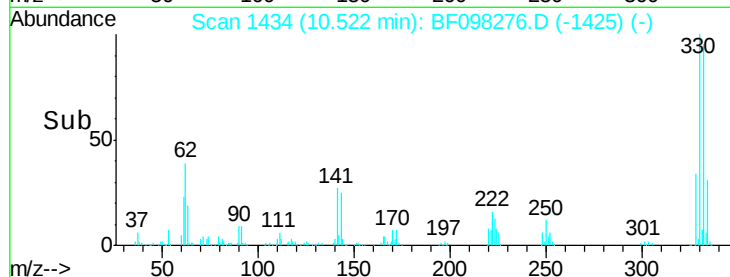
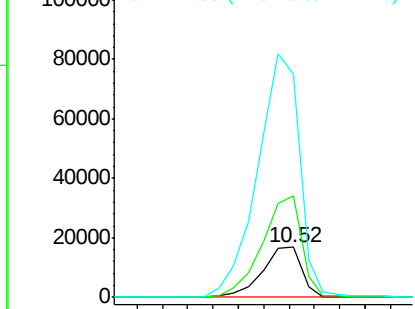
#66
 4-Bromophenyl-phenylether
 Concen: 4.21 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF098276.D
 Acq: 6 Sep 2017 16:54

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BL

Tot Ion:248 Resp: 18337
 Ion Ratio Lower Upper
 248 100
 250 201.1 76.8 115.2#
 141 444.7 68.6 103.0#

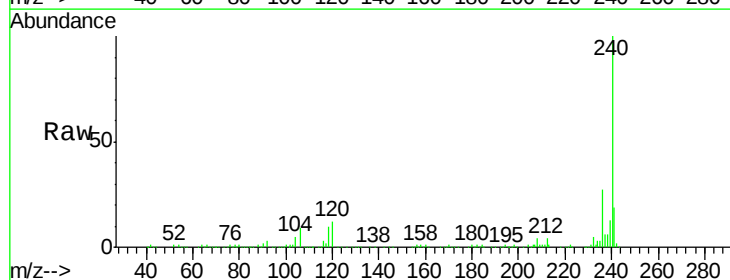


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

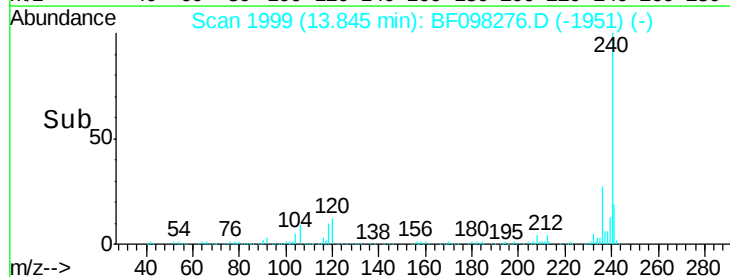
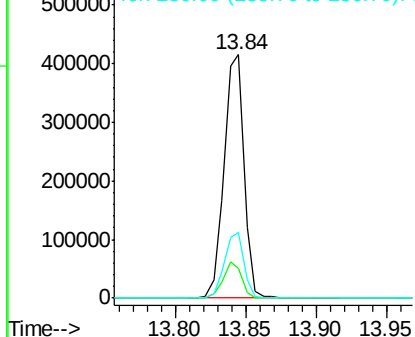


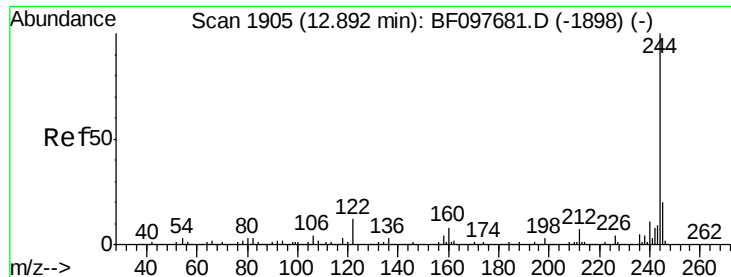
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BF098276.D
 Acq: 6 Sep 2017 16:54

Tgt Ion:240 Resp: 408838
 Ion Ratio Lower Upper
 240 100
 120 12.5 5.8 8.8#
 236 26.8 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: 64.22 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF098276.D

Acq: 6 Sep 2017 16:54

Instrument :

BNA_F

ClientSampled :

PB102074BL

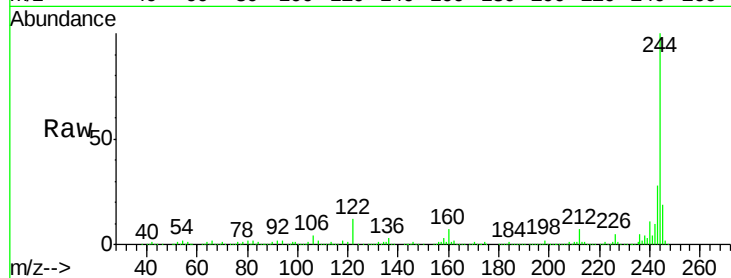
Tot Ion:244 Resp: 1259116

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

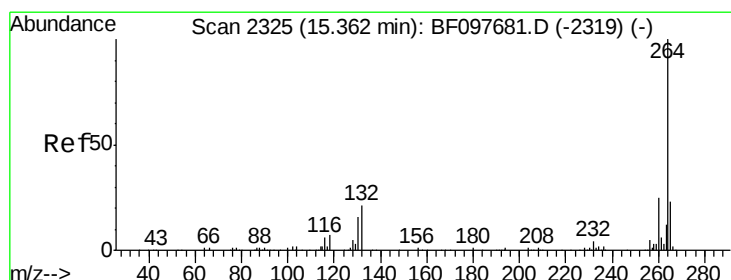
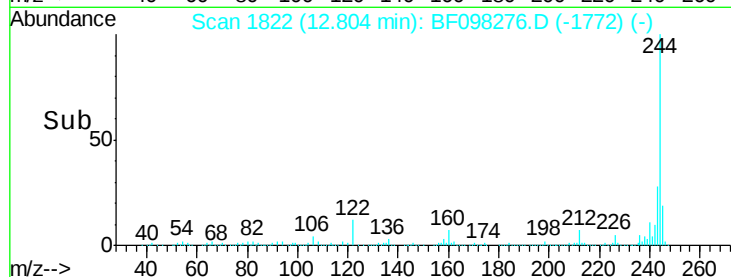
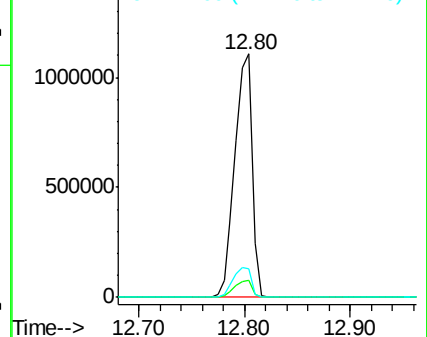
122 11.5 10.3 15.5



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: 20.00 ng

RT: 15.25 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF098276.D

Acq: 6 Sep 2017 16:54

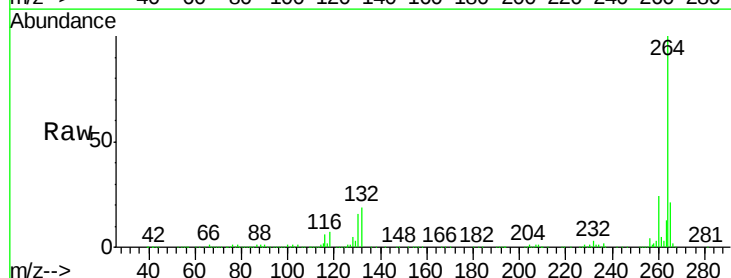
Tgt Ion:264 Resp: 352021

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.0 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

