

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097635.D
 Acq On : 12 Aug 2017 15:24
 Operator : SJ/JU
 Sample : PB101441BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BL

Quant Time: Aug 14 05:19:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

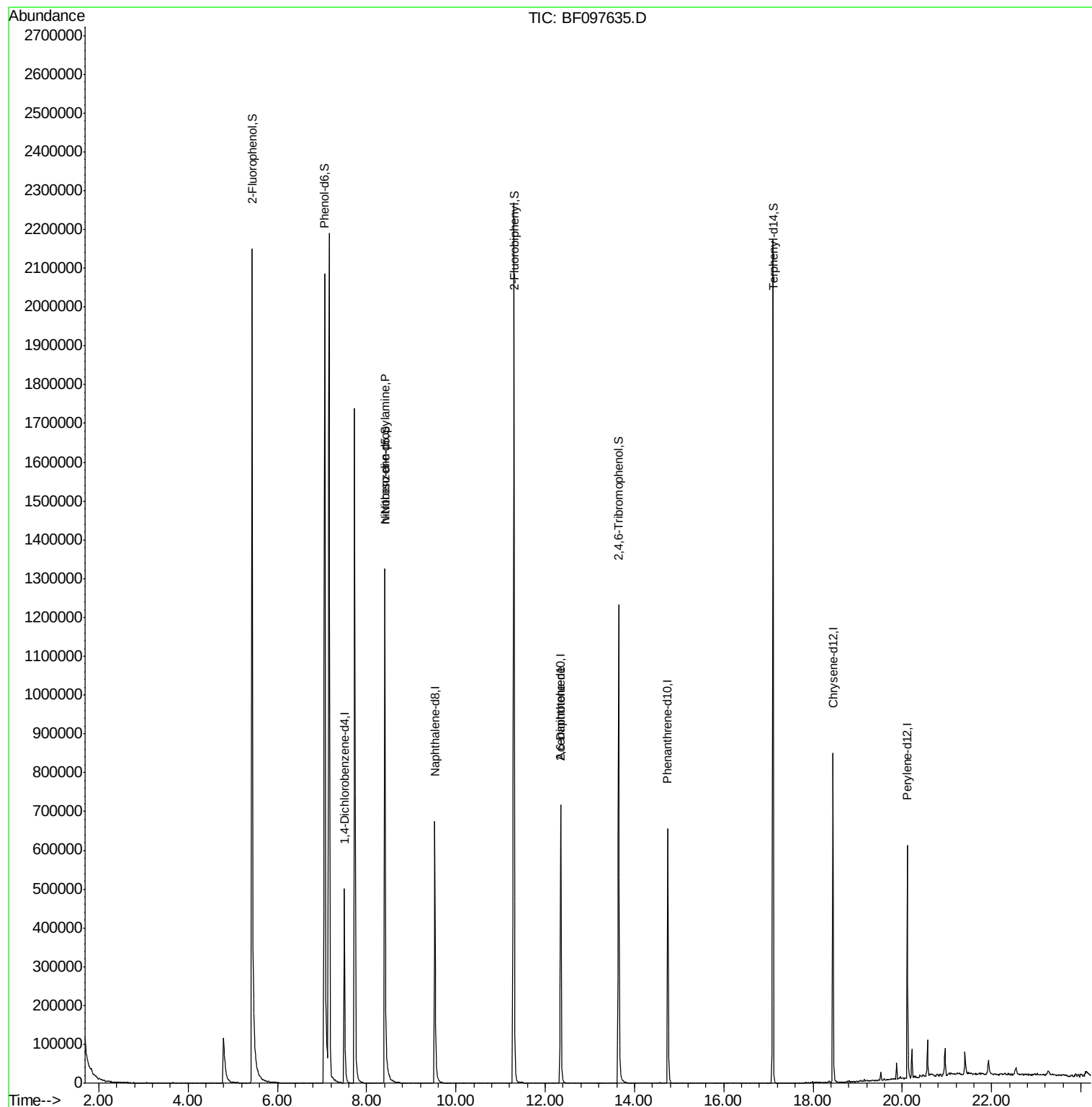
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	116661	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	537168	20.00	ng	-0.01
38) Acenaphthene-d10	12.34	164	231266	20.00	ng	-0.02
63) Phenanthrene-d10	14.74	188	381988	20.00	ng	-0.02
75) Chrysene-d12	18.44	240	362964	20.00	ng	-0.02
86) Perylene-d12	20.11	264	268188	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1026556	139.87	ng	0.03
7) Phenol-d6	7.06	99	1186805	130.35	ng	0.00
23) Nitrobenzene-d5	8.41	82	707148	82.55	ng	-0.01
41) 2,4,6-Tribromophenol	13.65	330	217730	123.85	ng	-0.01
44) 2-Fluorobiphenyl	11.30	172	1269196	82.82	ng	-0.02
78) Terphenyl-d14	17.11	244	965330	55.04	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.41	70	92679	14.63	ng	# 85
50) 2,6-Dinitrotoluene	12.34	165	27895	7.58	ng	# 31

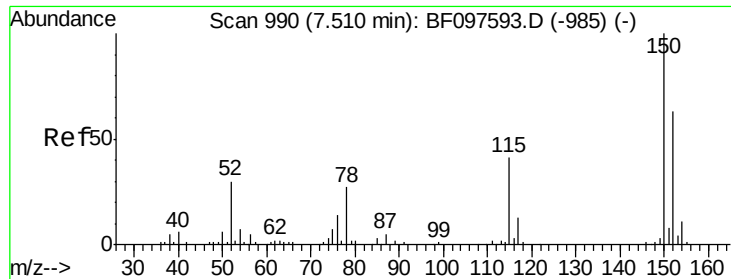
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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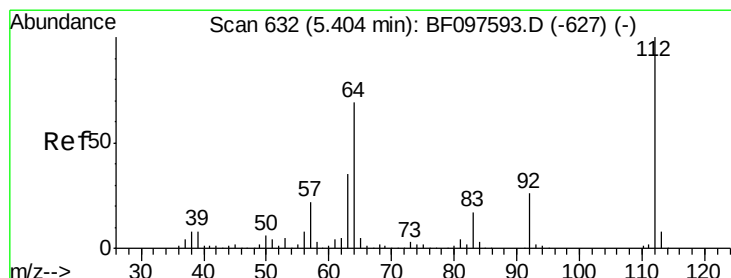
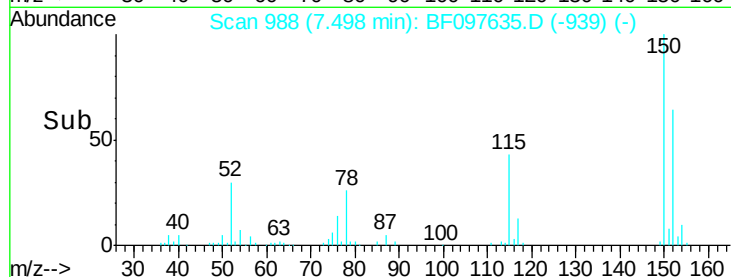
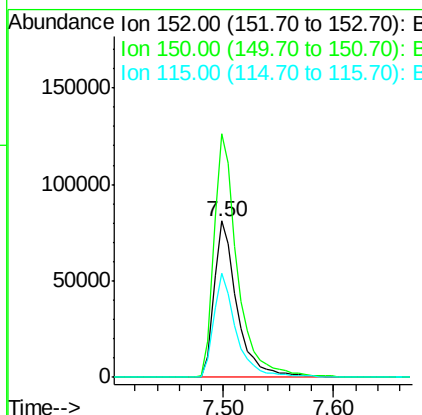
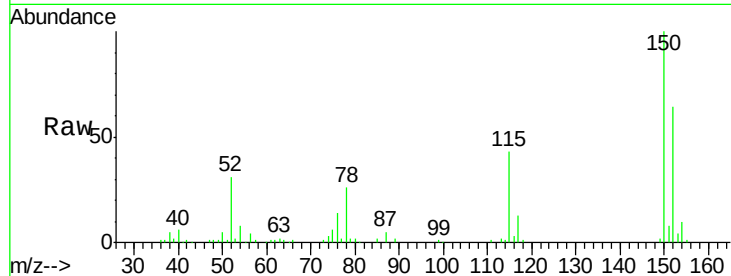


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF097635.D
Acq: 12 Aug 2017 15:24

Instrument :
BNA_F
ClientSampleId :
PB101441BL

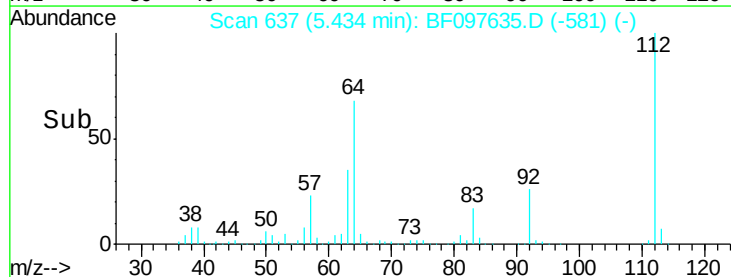
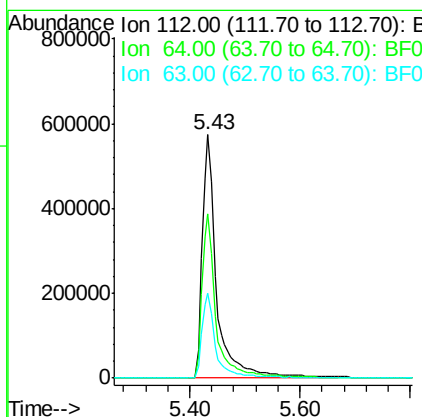
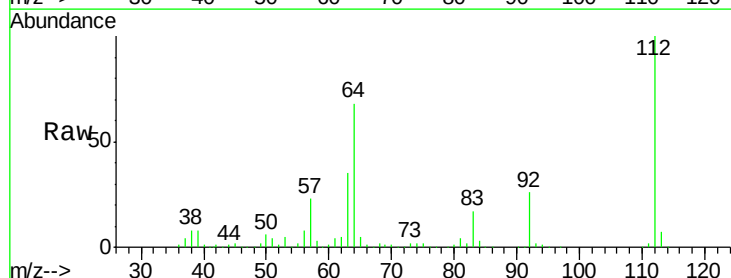
Tot Ion:152 Resp: 116661
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 66.3 52.2 78.2

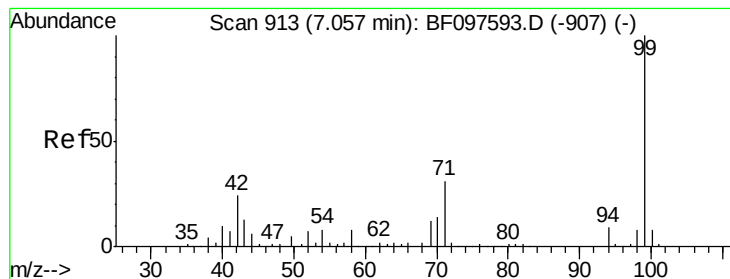


#5

2-Fluorophenol
Concen: 139.87 ng
RT: 5.43 min Scan# 637
Delta R.T. 0.03 min
Lab File: BF097635.D
Acq: 12 Aug 2017 15:24

Tgt Ion:112 Resp: 1026556
Ion Ratio Lower Upper
112 100
64 67.5 46.0 69.0
63 34.6 23.4 35.0





#7

Phenol-d6

Concen: 130.35 ng

RT: 7.06 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF097635.D

Acq: 12 Aug 2017 15:24

Instrument :

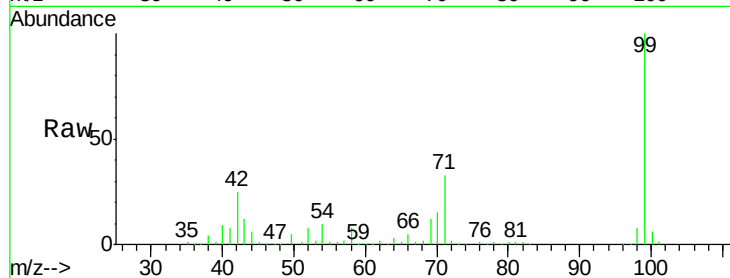
BNA_F

ClientSampleId :

PB101441BL

Tot Ion: 99 Resp: 1186805

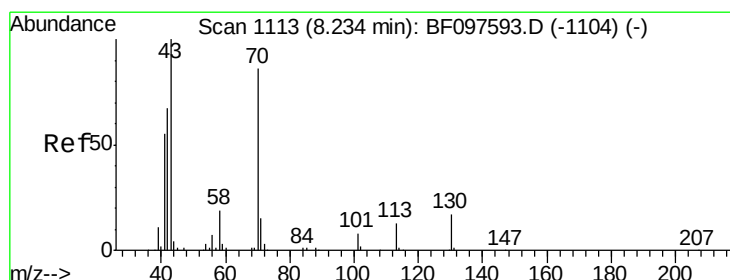
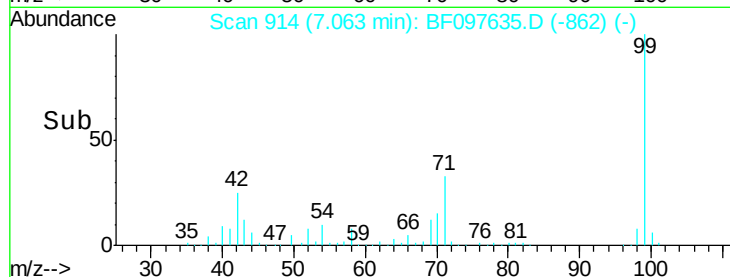
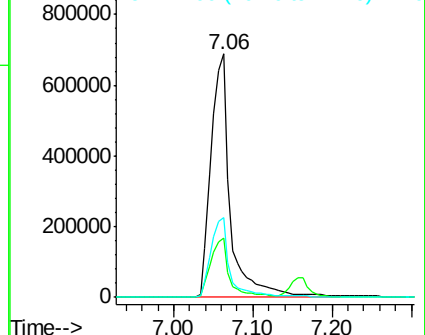
Ion	Ratio	Lower	Upper
99	100		
42	24.5	13.5	20.3#
71	32.8	24.5	36.7



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: 14.63 ng

RT: 8.41 min Scan# 1143

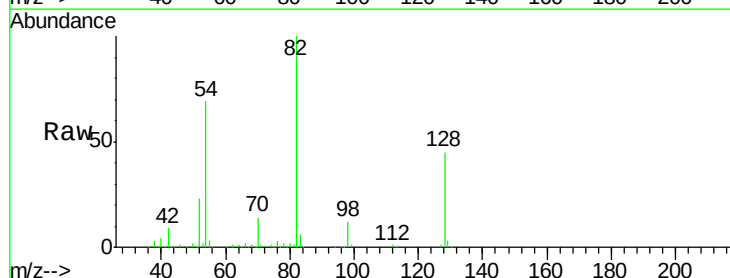
Delta R.T. 0.18 min

Lab File: BF097635.D

Acq: 12 Aug 2017 15:24

Tgt Ion: 70 Resp: 92679

Ion	Ratio	Lower	Upper
70	100		
42	63.3	47.2	70.8
101	0.0	7.2	10.8#
130	2.8	15.9	23.9#

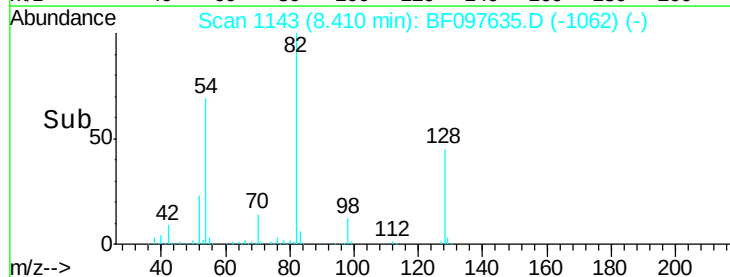
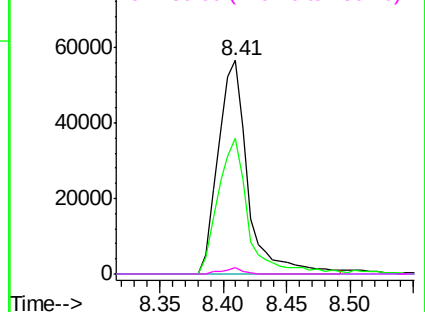


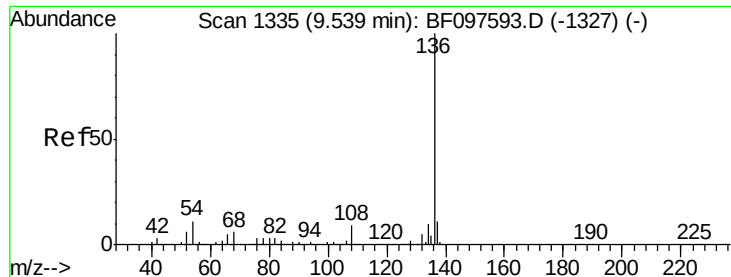
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

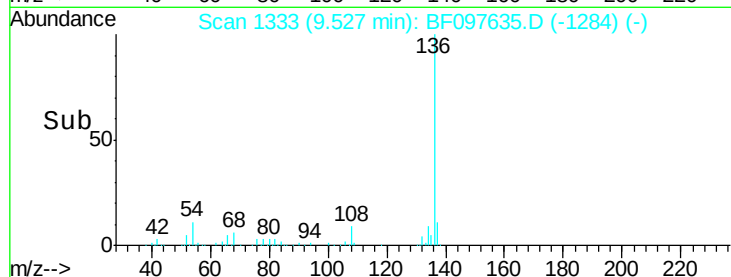
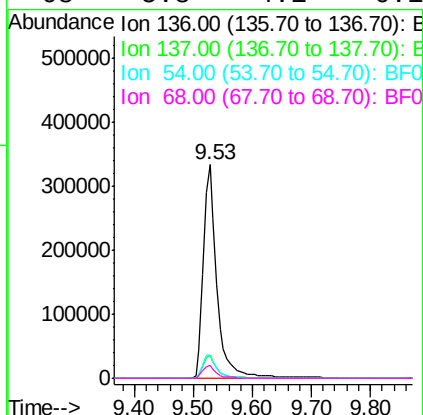
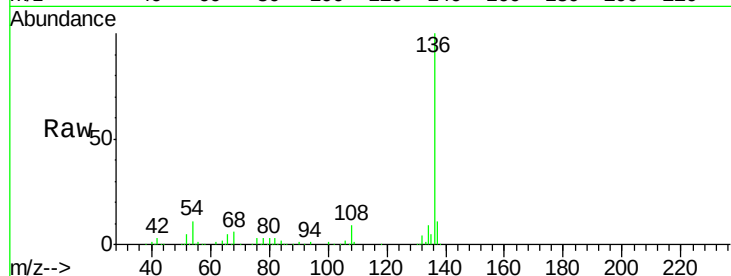




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.53 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF097635.D
Acq: 12 Aug 2017 15:24

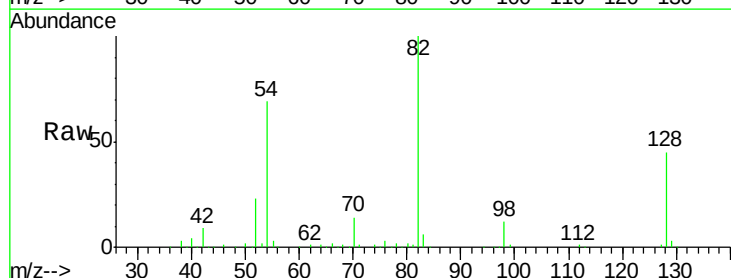
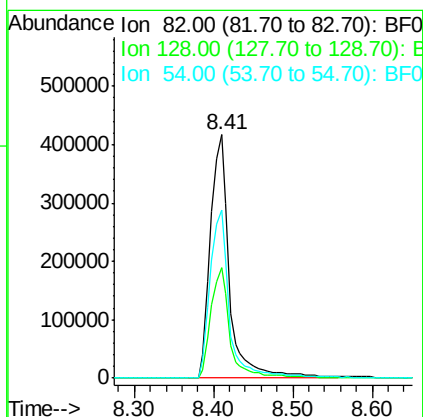
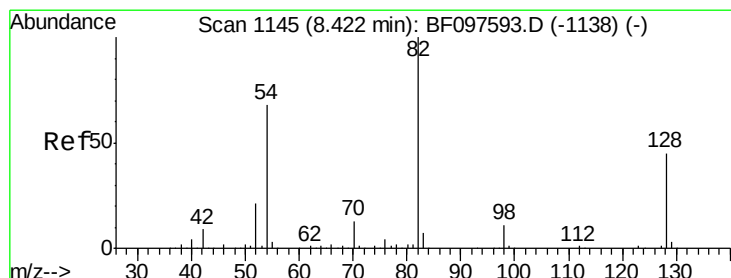
Instrument :
BNA_F
ClientSampleId :
PB101441BL

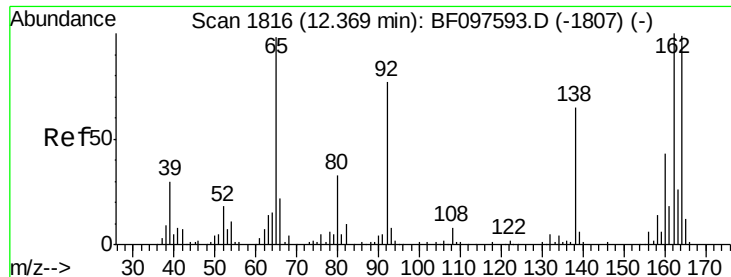
Tot Ion:136	Resp:	537168
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	10.9	4.9 7.3#
68	5.8	4.1 6.1



#23
Nitrobenzene-d5
Concen: 82.55 ng
RT: 8.41 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF097635.D
Acq: 12 Aug 2017 15:24

Tgt Ion: 82	Resp:	707148
Ion Ratio	Lower	Upper
82	100	
128	45.1	34.0 51.0
54	69.0	42.2 63.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.34 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF097635.D

Acq: 12 Aug 2017 15:24

Instrument :

BNA_F

ClientSampleId :

PB101441BL

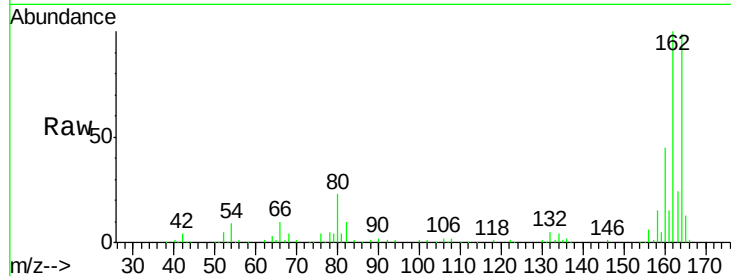
Tot Ion:164 Resp: 231266

Ion Ratio Lower Upper

164 100

162 101.1 82.6 123.8

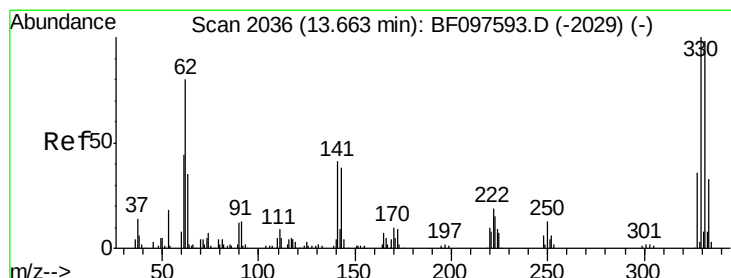
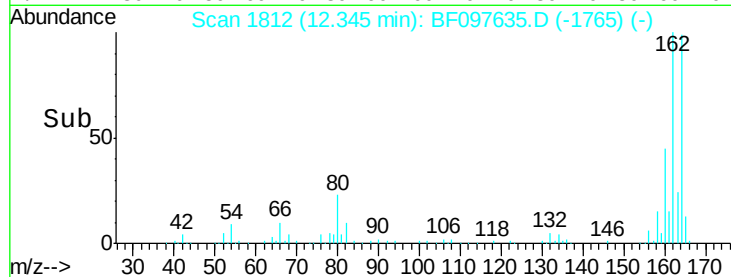
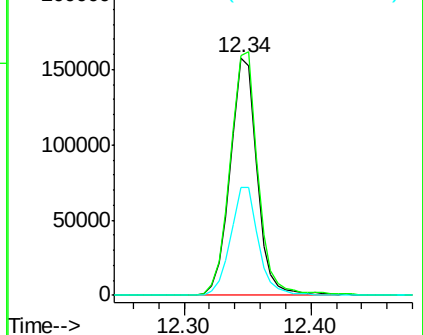
160 45.7 36.2 54.2



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: 123.85 ng

RT: 13.65 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF097635.D

Acq: 12 Aug 2017 15:24

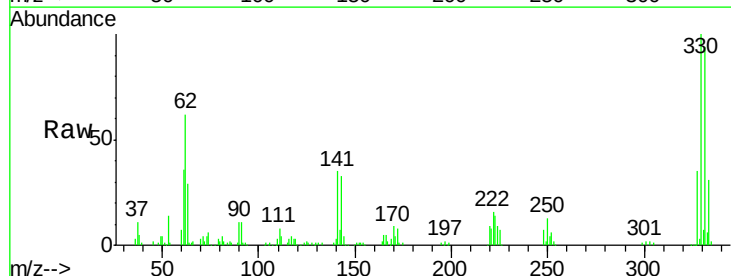
Tgt Ion:330 Resp: 217730

Ion Ratio Lower Upper

330 100

332 95.4 76.6 115.0

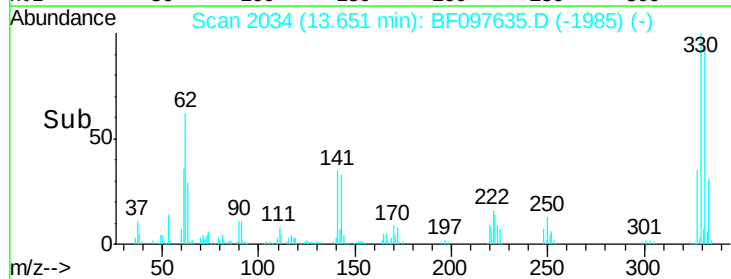
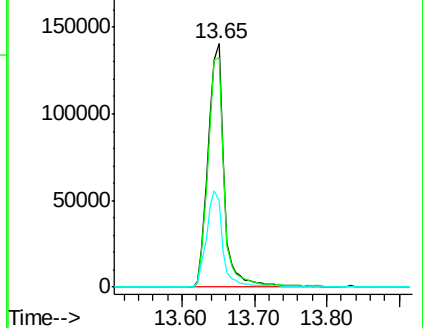
141 39.4 31.4 47.2

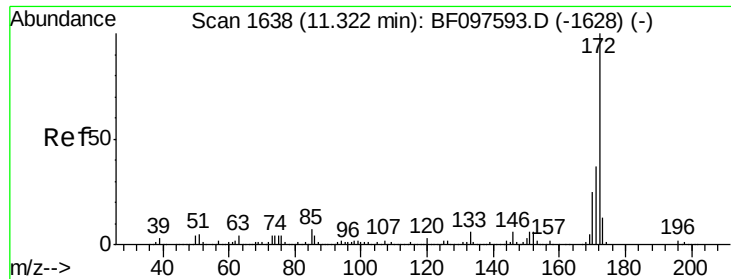


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

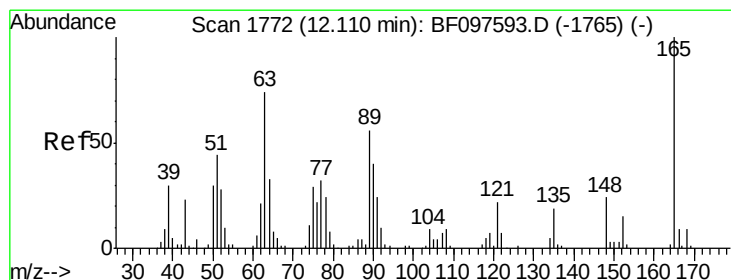
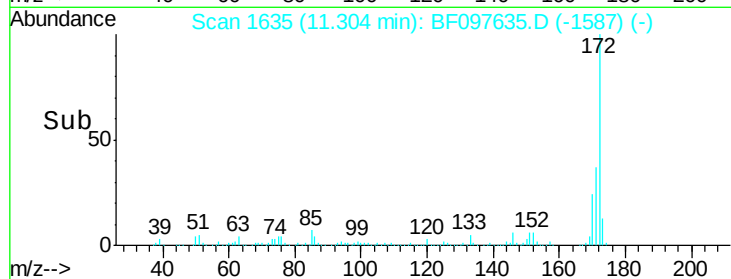
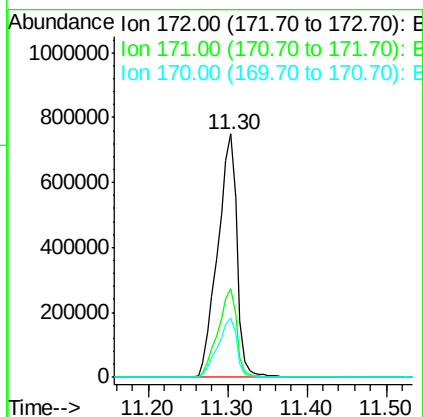
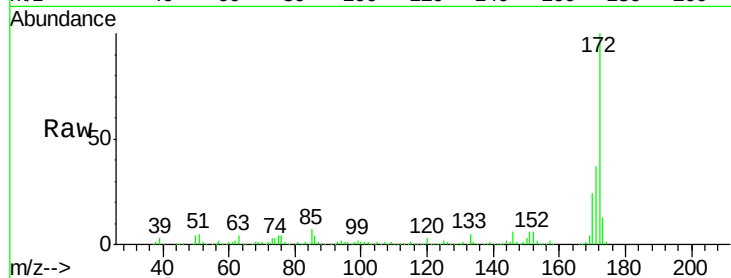




#44
2-Fluorobiphenyl
Concen: 82.82 ng
RT: 11.30 min Scan# 1635
Delta R.T. -0.02 min
Lab File: BF097635.D
Acq: 12 Aug 2017 15:24

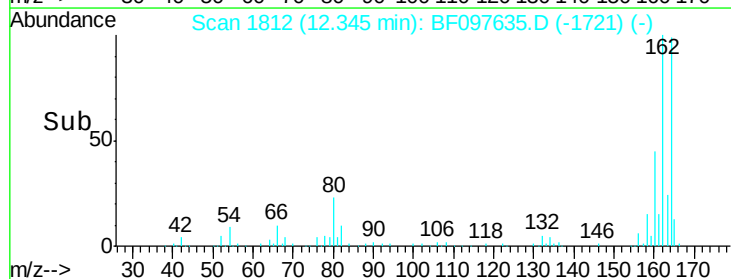
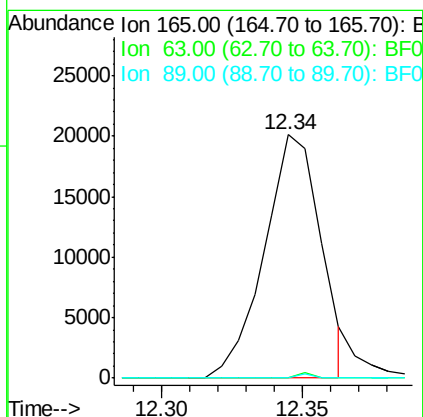
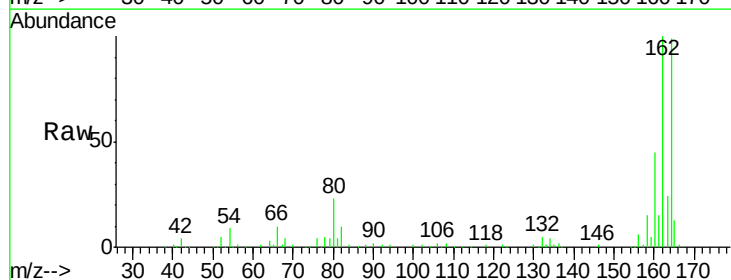
Instrument :
BNA_F
ClientSampleId :
PB101441BL

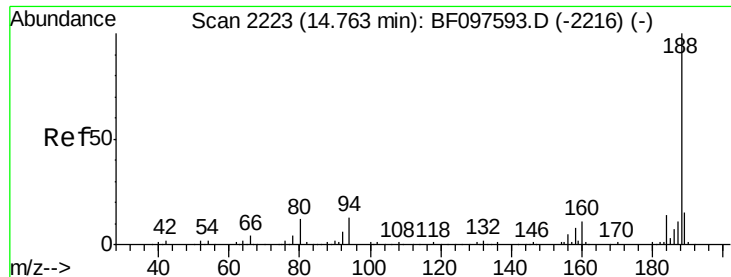
Tot Ion:172 Resp: 1269196
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.1 19.8 29.8



#50
2,6-Dinitrotoluene
Concen: 7.58 ng
RT: 12.34 min Scan# 1812
Delta R.T. 0.24 min
Lab File: BF097635.D
Acq: 12 Aug 2017 15:24

Tgt Ion:165 Resp: 27895
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#

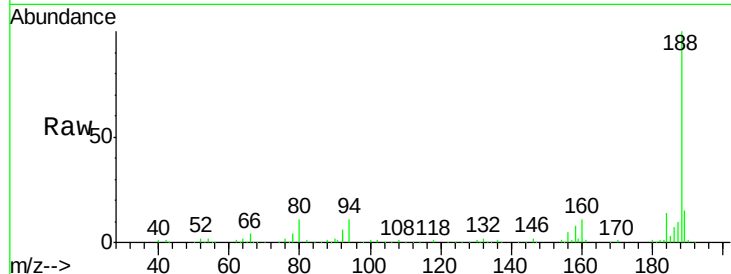




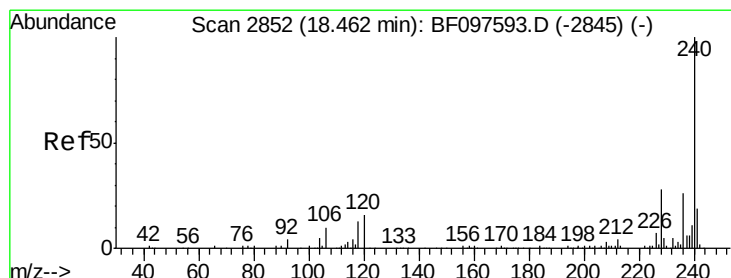
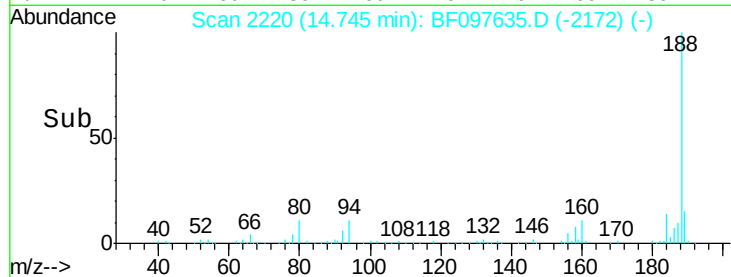
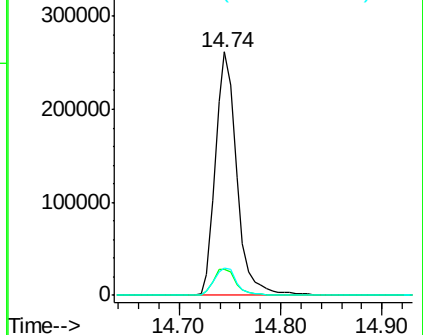
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF097635.D
Acq: 12 Aug 2017 15:24

Instrument :
BNA_F
ClientSampleId :
PB101441BL

Tot Ion:188 Resp: 381988
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.1 10.2 15.2

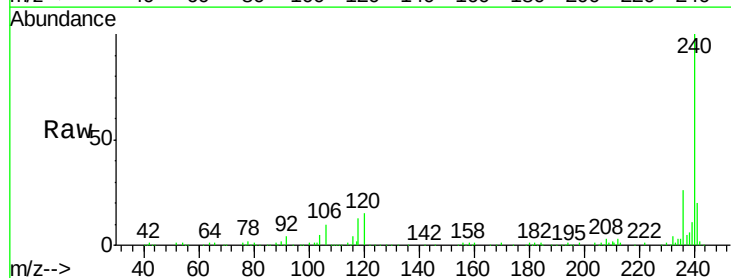


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

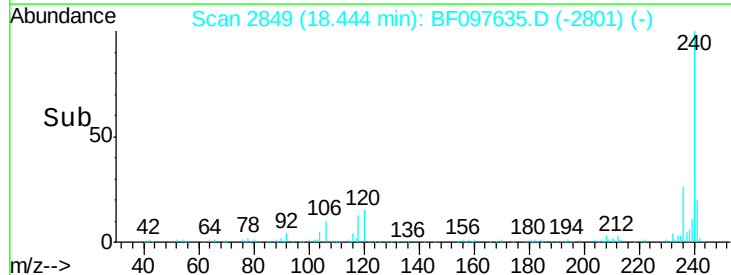
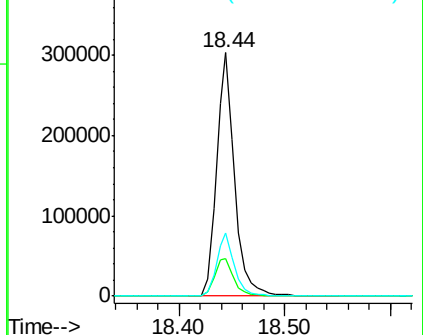


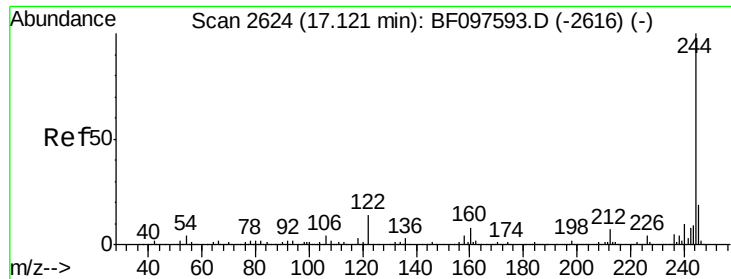
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.44 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BF097635.D
Acq: 12 Aug 2017 15:24

Tgt Ion:240 Resp: 362964
Ion Ratio Lower Upper
240 100
120 15.4 5.8 8.8#
236 26.1 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

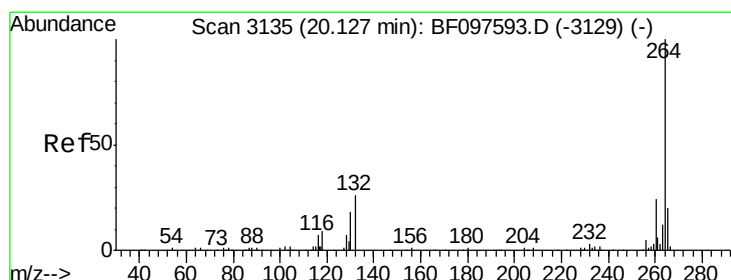
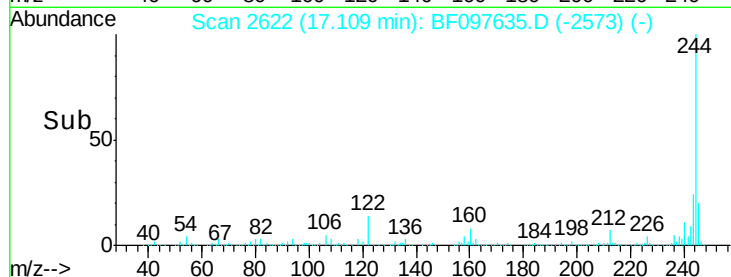
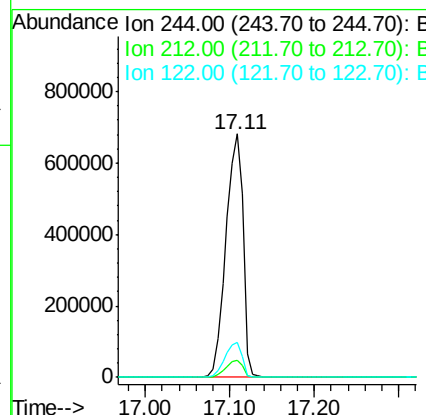
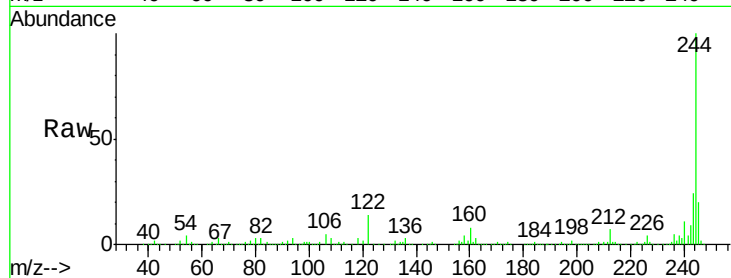




#78
 Terphenyl-d14
 Concen: 55.04 ng
 RT: 17.11 min Scan# 2622
 Delta R.T. -0.01 min
 Lab File: BF097635.D
 Acq: 12 Aug 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BL

Tot Ion:244 Resp: 965330
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.11 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BF097635.D
 Acq: 12 Aug 2017 15:24

Tgt Ion:264 Resp: 268188
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 22.3 17.2 25.8

