

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097119.D
 Acq On : 27 Jul 2017 13:43
 Operator : SJ/JU
 Sample : I4415-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 15:53:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	92326	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	376076	20.00	ng	-0.02
38) Acenaphthene-d10	9.51	164	130258	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	184874	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	207777	20.00	ng	-0.02
86) Perylene-d12	14.97	264	158396	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	583051	95.20	ng	-0.02
7) Phenol-d6	6.15	99	701153	100.28	ng	-0.02
23) Nitrobenzene-d5	7.05	82	425191	66.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	101400	98.53	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	651772	84.92	ng	-0.02
78) Terphenyl-d14	12.57	244	419930	41.21	ng	-0.01

Target Compounds

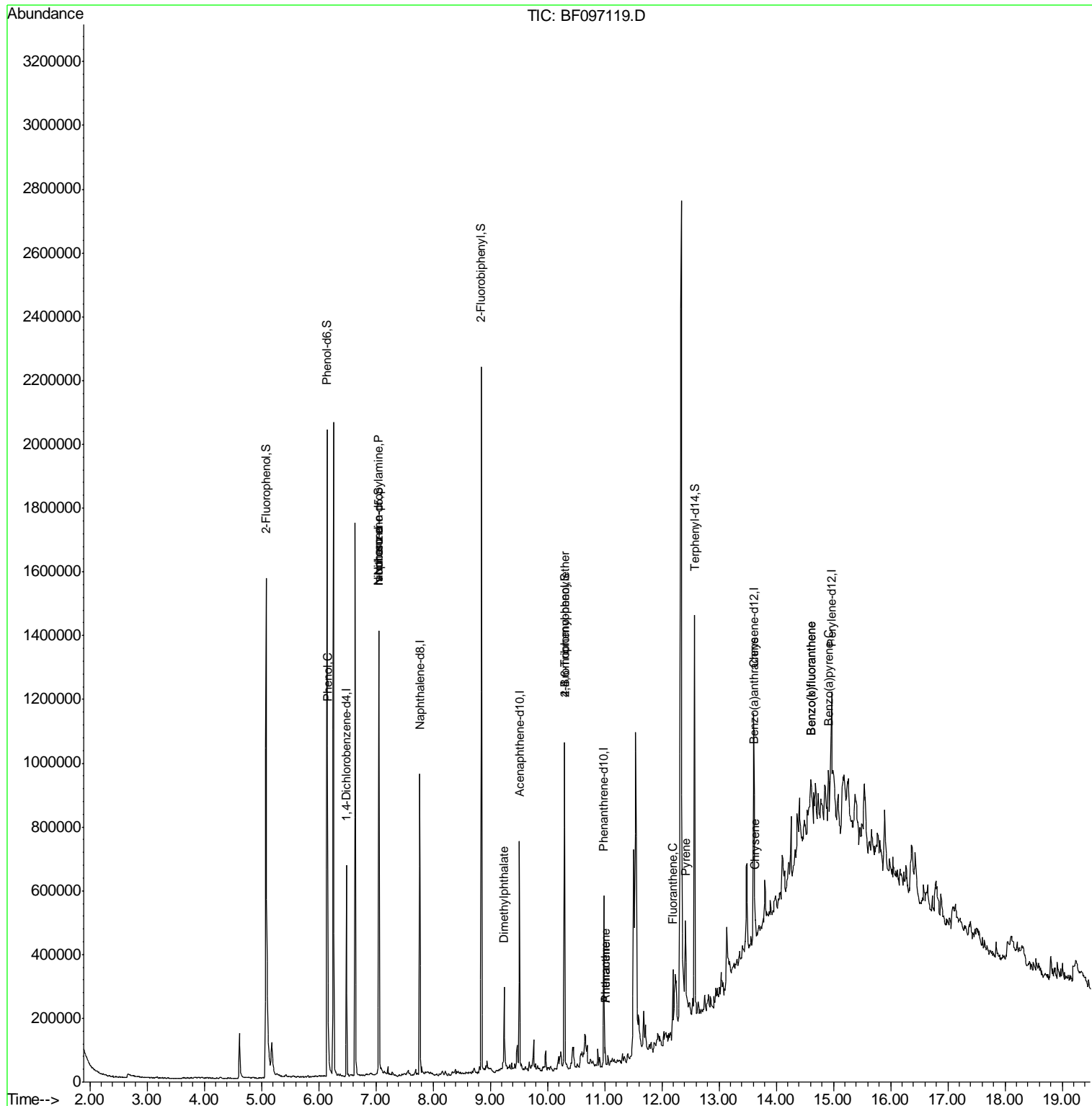
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.16	94	26671	3.216	ng	99
19) n-Nitroso-di-n-propylamine	7.05	70	55942	12.155	ng	# 83
25) Isophorone	7.05	82	421632	33.584	ng	# 67
49) Dimethylphthalate	9.25	163	87503	8.846	ng	99
66) 4-Bromophenyl-phenylether	10.30	248	6909	3.745	ng	# 1
70) Phenanthrene	11.01	178	20956	2.116	ng	98
71) Anthracene	11.01	178	20956	2.066	ng	99
74) Fluoranthene	12.19	202	70040	7.218	ng	98
77) Pyrene	12.42	202	83716	4.922	ng	96
80) Benzo(a)anthracene	13.60	228	38873	2.891	ng	# 85
82) Chrysene	13.63	228	41171	3.136	ng	# 91
87) Benzo(b)fluoranthene	14.60	252	52607	5.525	ng	# 64
88) Benzo(k)fluoranthene	14.60	252	52607	5.798	ng	# 69
89) Benzo(a)pyrene	14.92	252	25077	2.878	ng	# 58

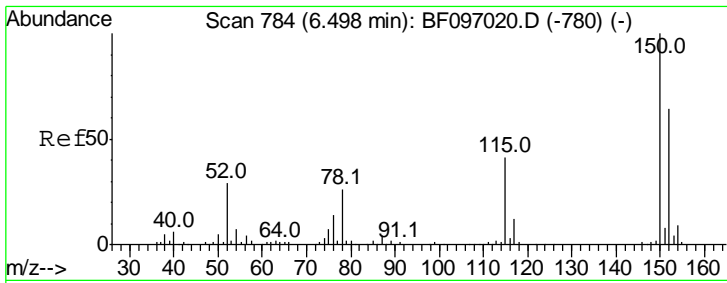
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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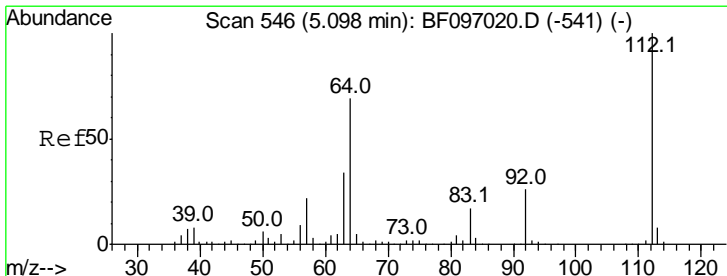
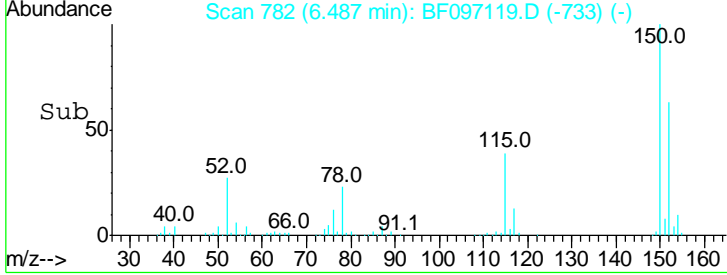
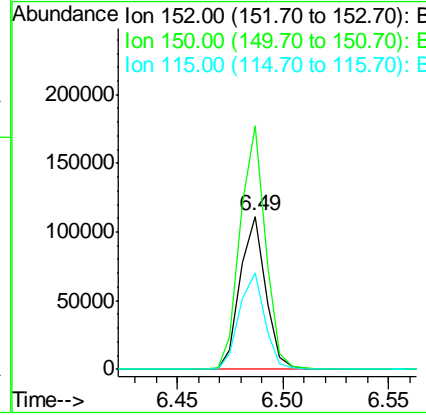
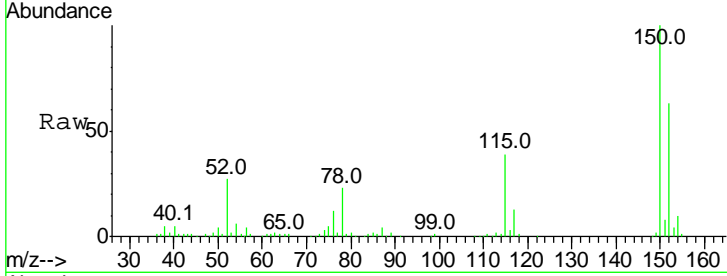




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.49 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF097119.D
 Acq: 27 Jul 2017 13:43

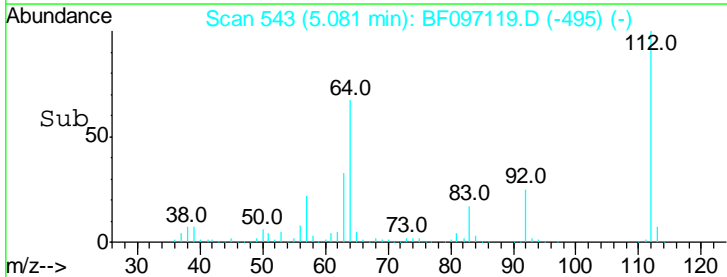
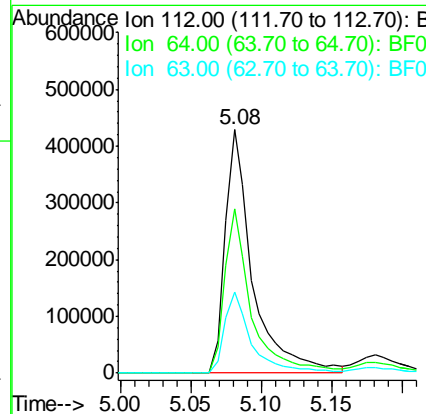
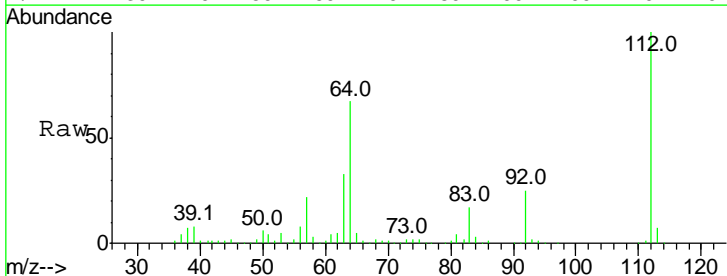
Instrument :
 BNA_F
 ClientSampled :

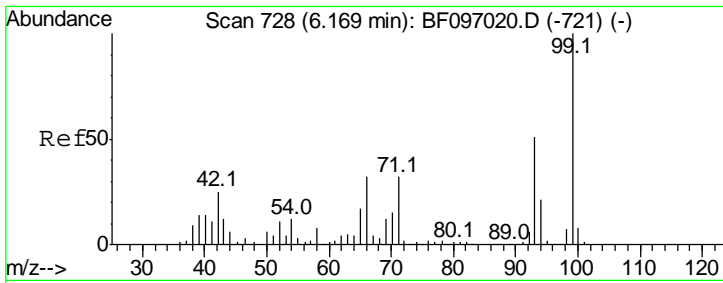
Tgt Ion	Resp	Lower	Upper
152	92326		
152	100		
150	159.4	126.2	189.2
115	62.7	52.2	78.2



#5
 2-Fluorophenol
 Concen: 95.200 ng
 RT: 5.08 min Scan# 543
 Delta R.T. -0.02 min
 Lab File: BF097119.D
 Acq: 27 Jul 2017 13:43

Tgt Ion	Resp	Lower	Upper
112	583051		
112	100		
64	67.4	46.0	69.0
63	33.2	23.4	35.0

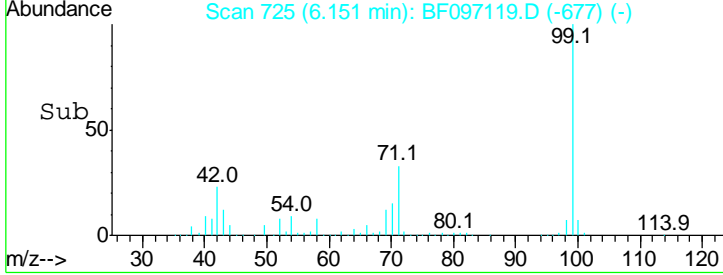
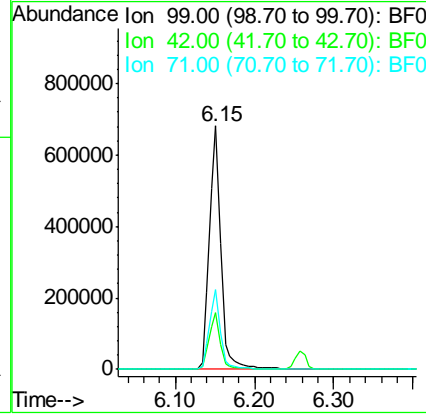
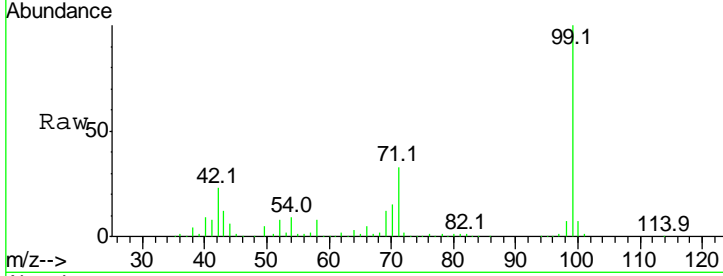




#7
 Phenol-d6
 Concen: 100.282 ng
 RT: 6.15 min Scan# 725
 Delta R.T. -0.02 min
 Lab File: BF097119.D
 Acq: 27 Jul 2017 13:43

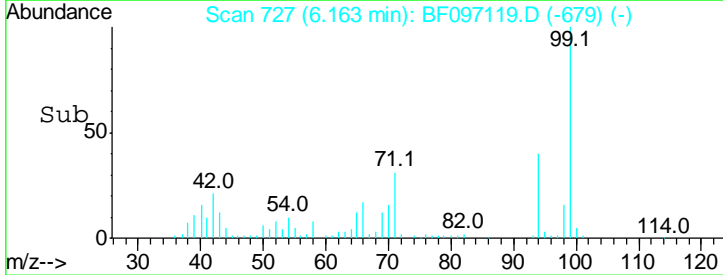
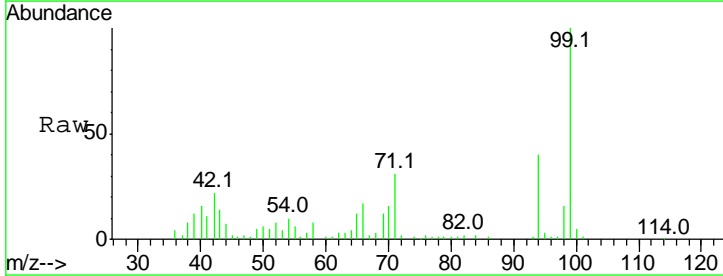
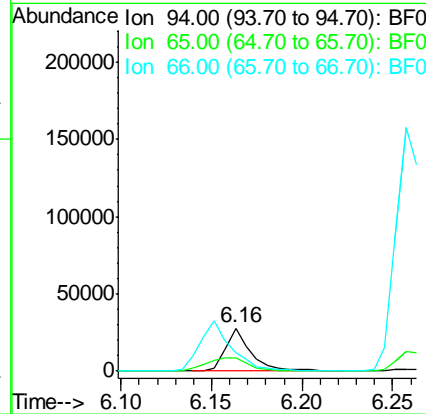
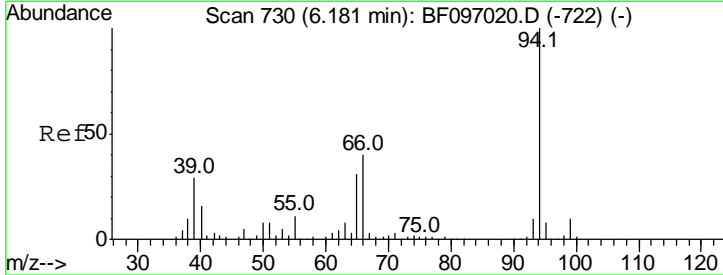
Instrument :
 BNA_F
 ClientSampled :

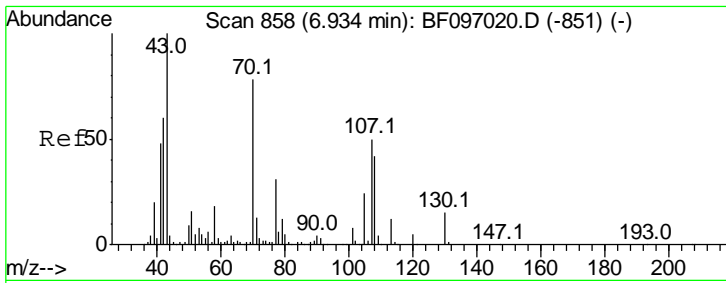
Tgt Ion	Resp	Lower	Upper
99	100		
42	23.3	13.5	20.3#
71	32.8	24.5	36.7



#10
 Phenol
 Concen: 3.216 ng
 RT: 6.16 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF097119.D
 Acq: 27 Jul 2017 13:43

Tgt Ion	Resp	Lower	Upper
94	100		
65	30.5	9.9	49.9
66	43.8	23.1	63.1

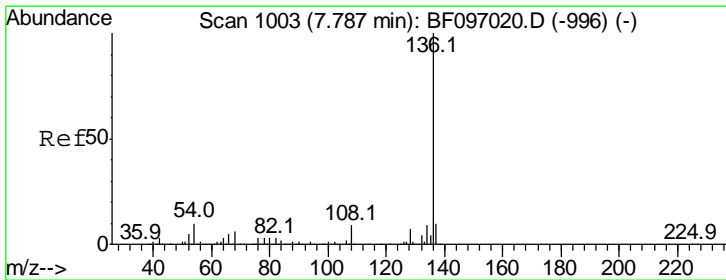
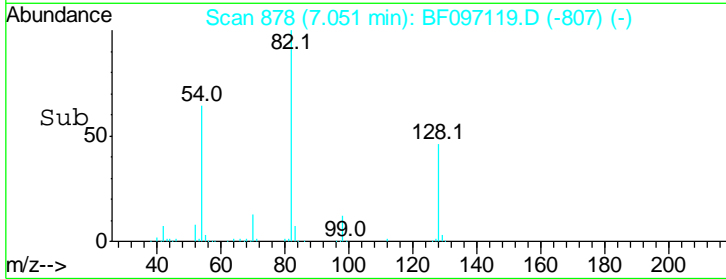
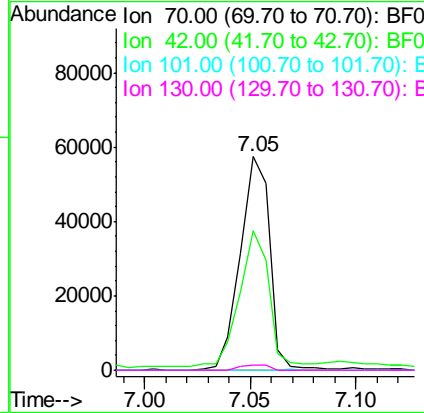
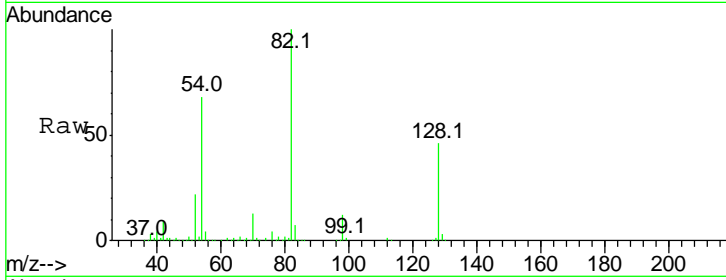




#19
 n-Nitroso-di-n-propylamine
 Concen: 12.155 ng
 RT: 7.05 min Scan# 878
 Delta R.T. 0.12 min
 Lab File: BF097119.D
 Acq: 27 Jul 2017 13:43

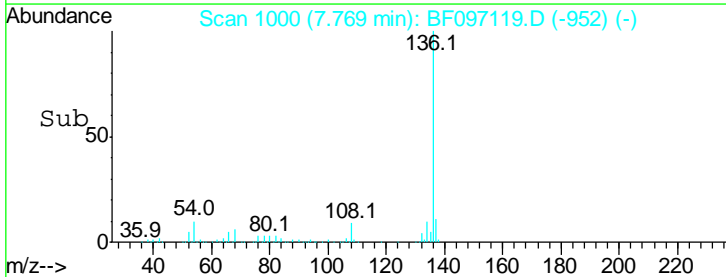
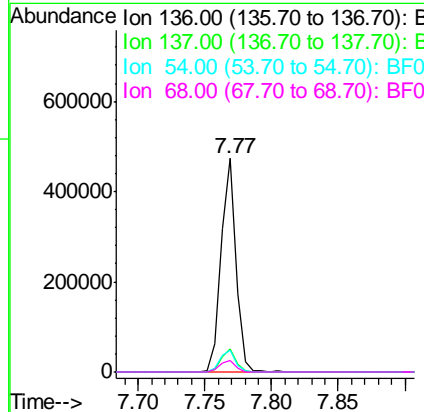
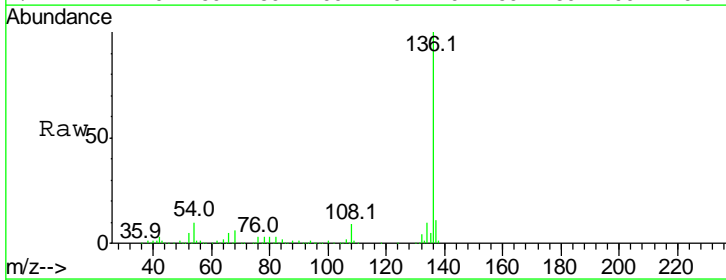
Instrument :
 BNA_F
 ClientSampled :

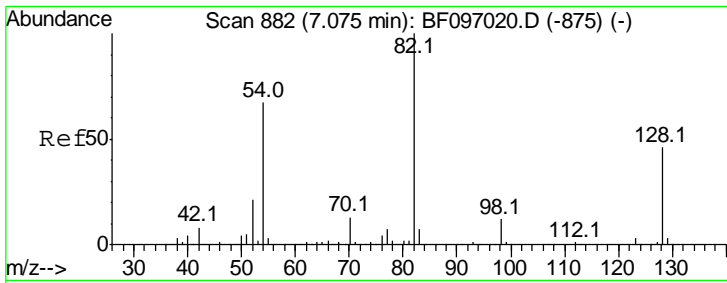
Tgt Ion	Resp	Lower	Upper
70	100		
42	65.6	47.2	70.8
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.77 min Scan# 1000
 Delta R.T. -0.02 min
 Lab File: BF097119.D
 Acq: 27 Jul 2017 13:43

Tgt Ion	Resp	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	10.5	4.9	7.3#
68	5.7	4.1	6.1

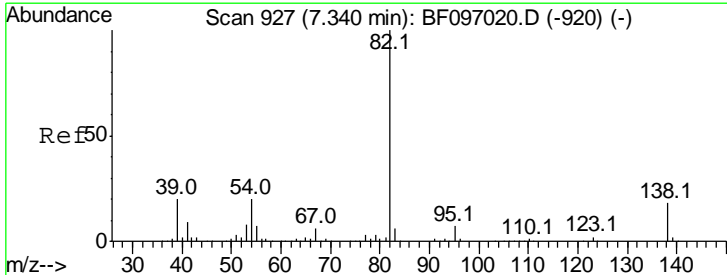
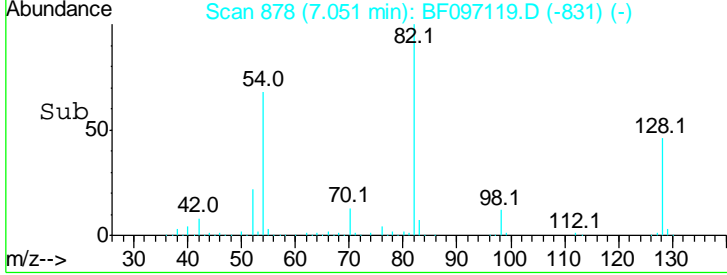
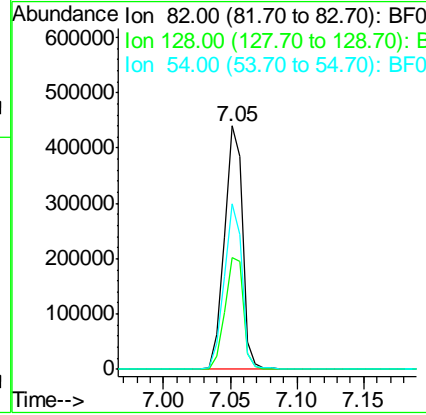
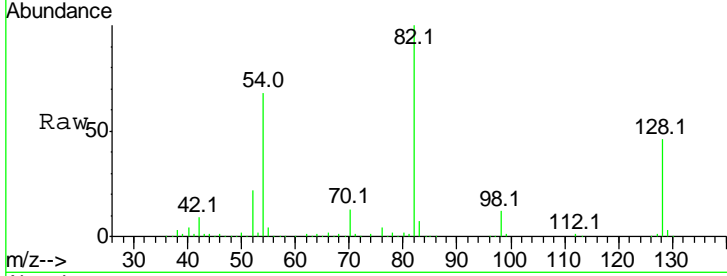




#23
 Nitrobenzene-d5
 Concen: 66.325 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF097119.D
 Acq: 27 Jul 2017 13:43

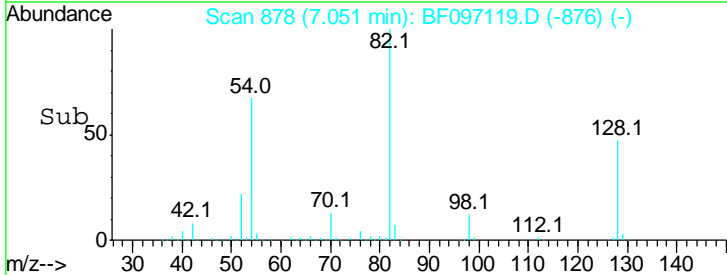
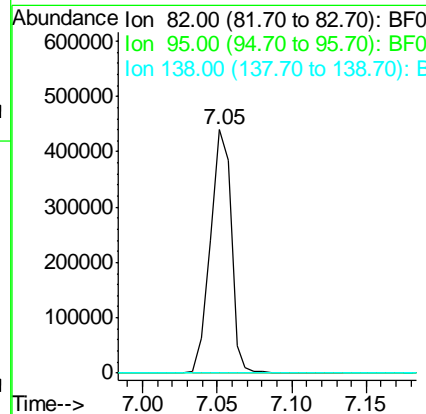
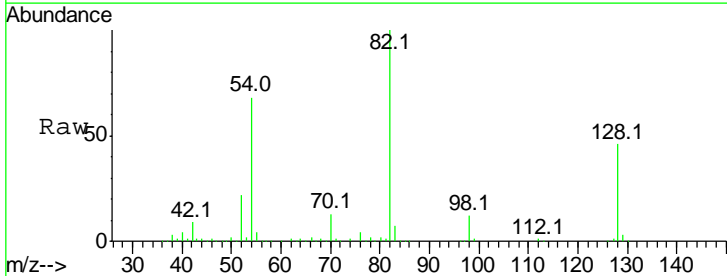
Instrument :
 BNA_F
 ClientSampled :

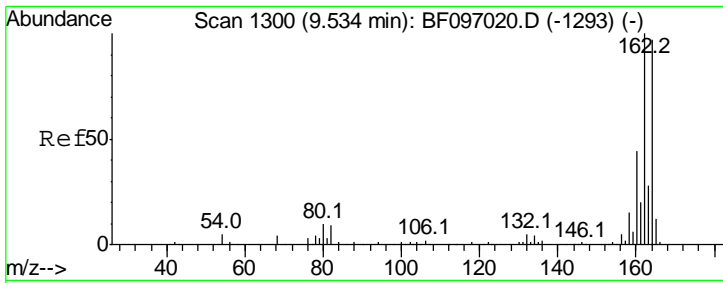
Tgt Ion	Resp	Lower	Upper
82	100		
128	45.7	34.0	51.0
54	68.0	42.2	63.2#



#25
 Isophorone
 Concen: 33.584 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.29 min
 Lab File: BF097119.D
 Acq: 27 Jul 2017 13:43

Tgt Ion	Resp	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

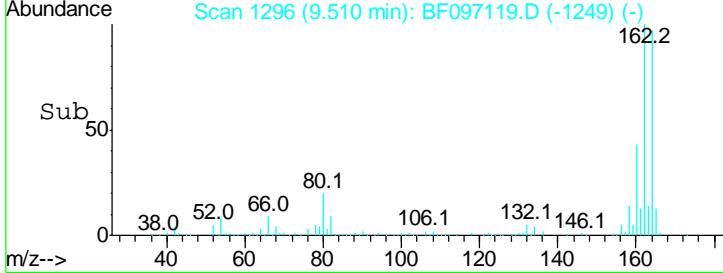
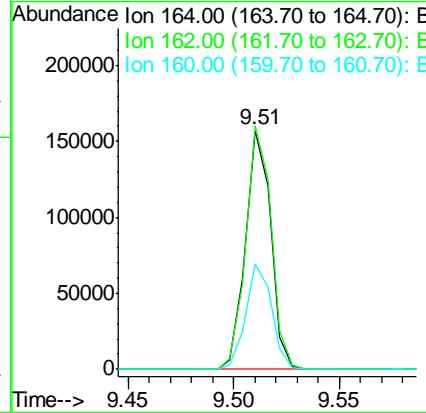
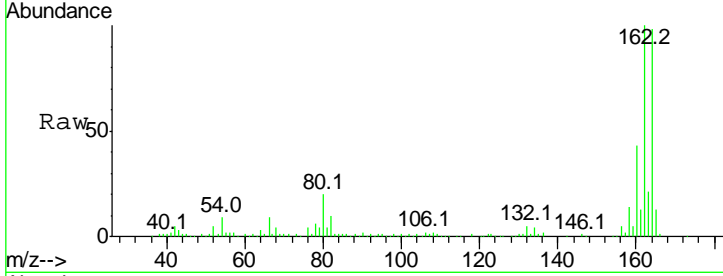




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.51 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BF097119.D
 Acq: 27 Jul 2017 13:43

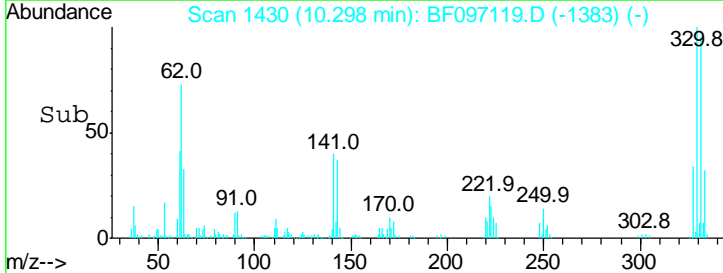
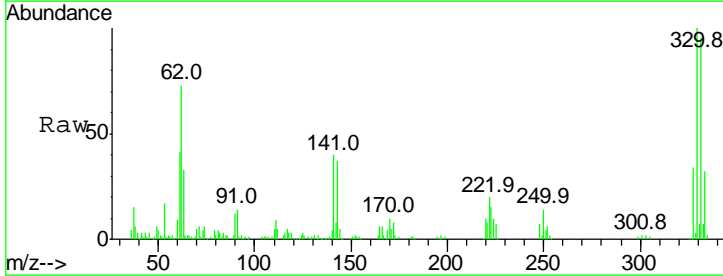
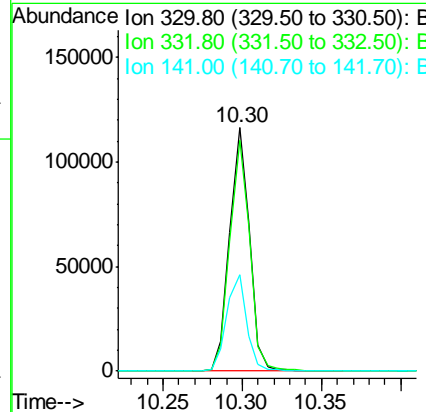
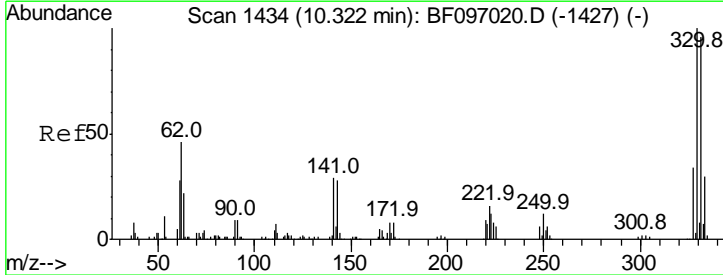
Instrument :
 BNA_F
 ClientSampled :

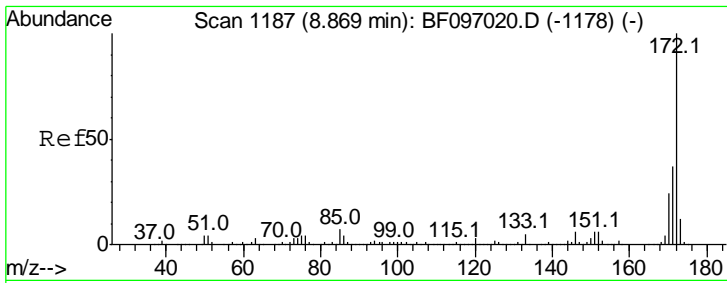
Tgt Ion	Resp	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	44.1	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 98.527 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF097119.D
 Acq: 27 Jul 2017 13:43

Tgt Ion	Resp	Lower	Upper
330	100		
332	94.8	76.6	115.0
141	40.9	31.4	47.2



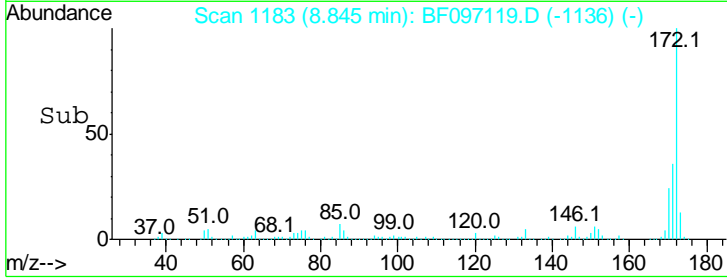
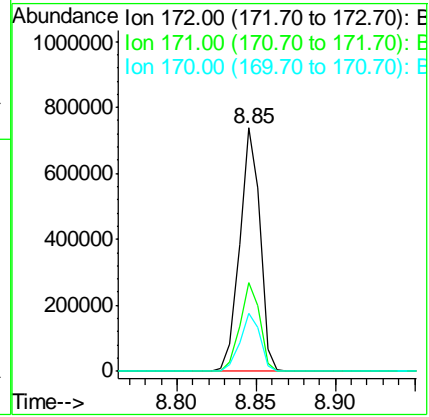
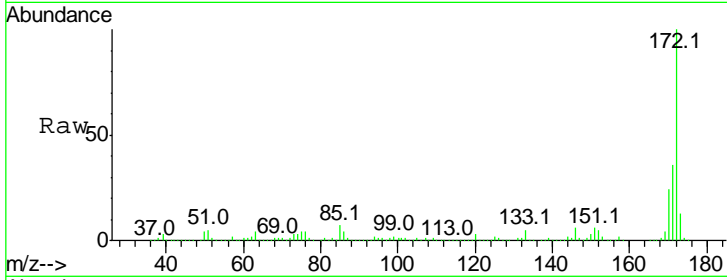


#44
 2-Fluorobiphenyl
 Concen: 84.918 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF097119.D
 Acq: 27 Jul 2017 13:43

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:172 Resp: 651772

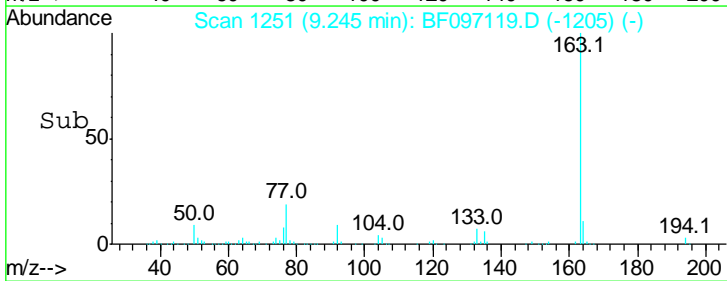
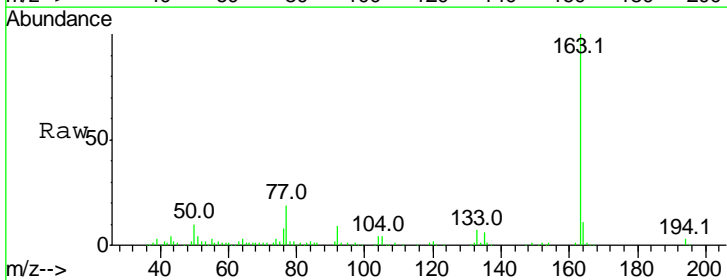
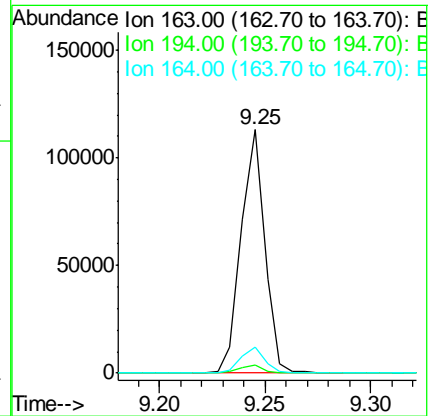
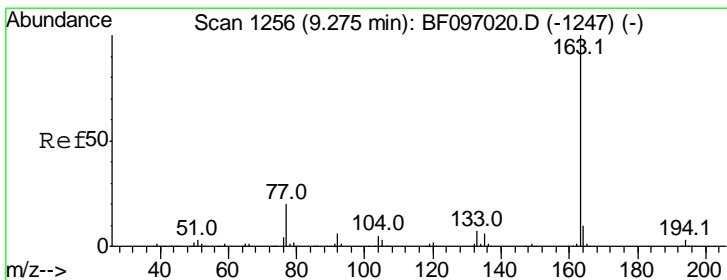
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.6	19.8	29.8

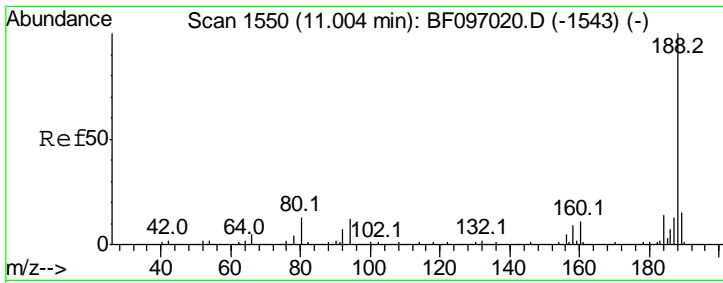


#49
 Dimethylphthalate
 Concen: 8.846 ng
 RT: 9.25 min Scan# 1251
 Delta R.T. -0.03 min
 Lab File: BF097119.D
 Acq: 27 Jul 2017 13:43

Tgt Ion:163 Resp: 87503

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.9	8.4	12.6

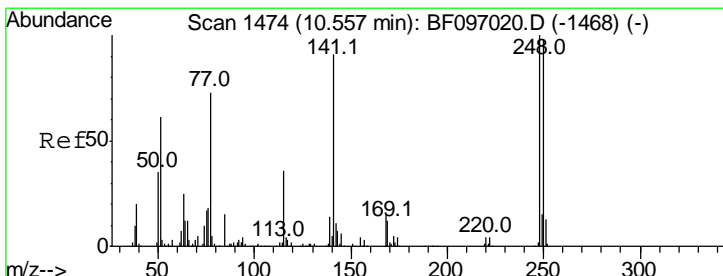
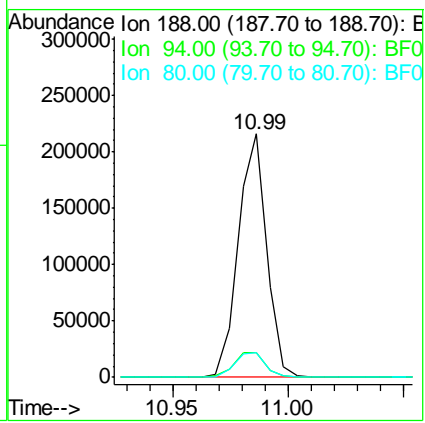
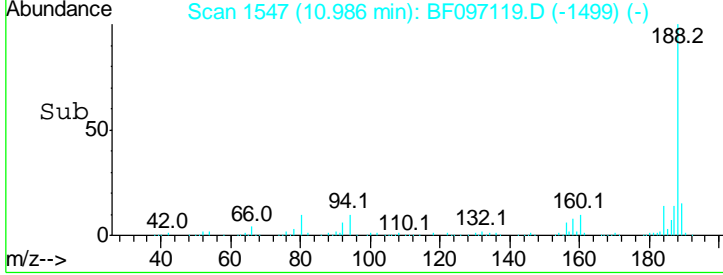
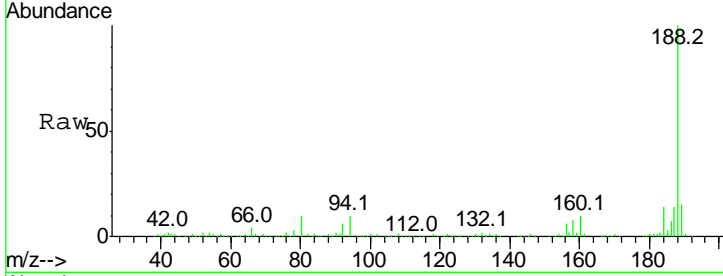




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.99 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF097119.D
 Acq: 27 Jul 2017 13:43

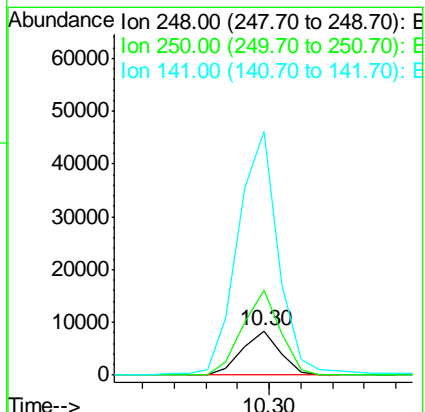
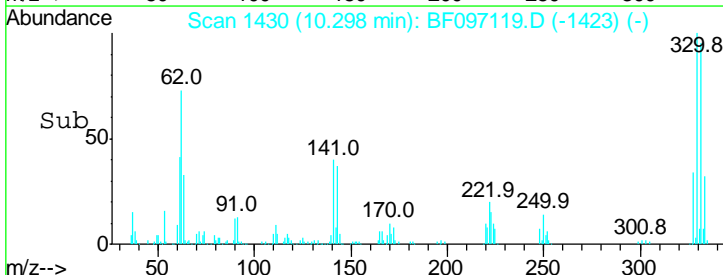
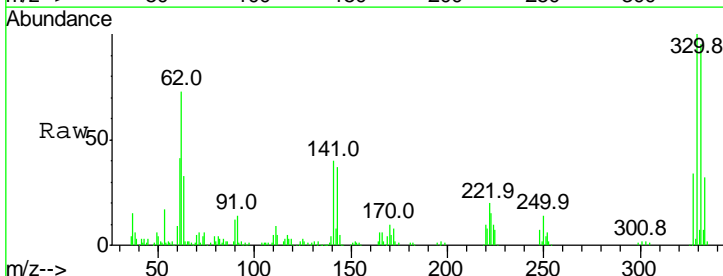
Instrument :
 BNA_F
 ClientSampled :

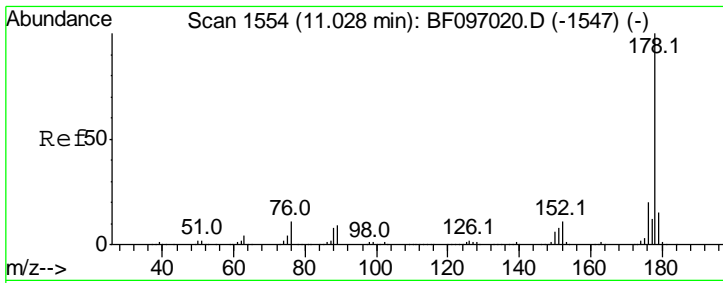
Tgt Ion	Resp	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	10.0	10.2	15.2#



#66
 4-Bromophenyl-phenylether
 Concen: 3.745 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.26 min
 Lab File: BF097119.D
 Acq: 27 Jul 2017 13:43

Tgt Ion	Resp	Lower	Upper
248	100		
250	193.2	76.8	115.2#
141	553.3	68.6	103.0#

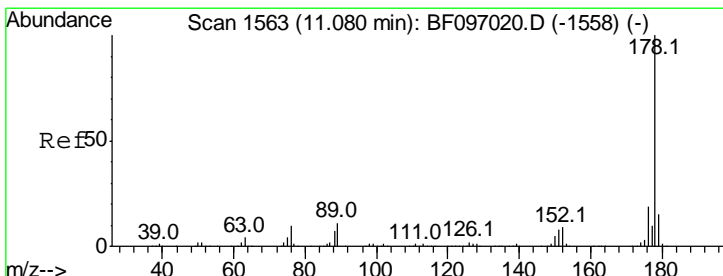
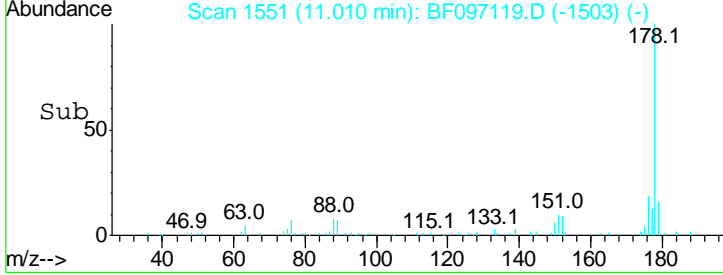
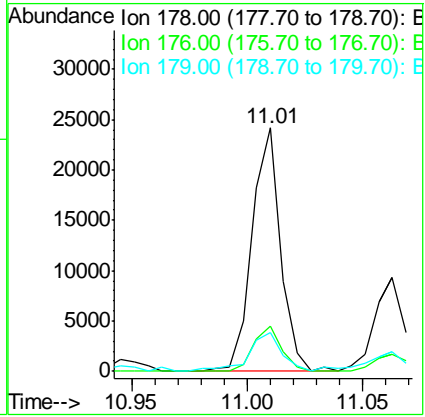
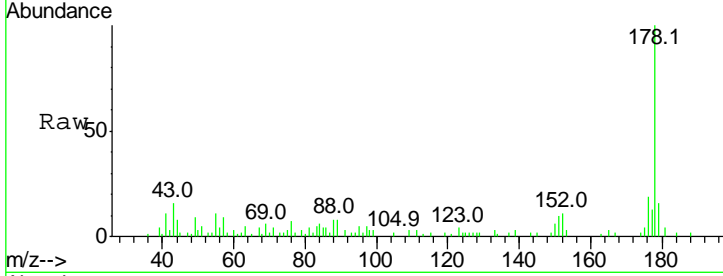




#70
 Phenanthrene
 Concen: 2.116 ng
 RT: 11.01 min Scan# 1551
 Delta R.T. -0.02 min
 Lab File: BF097119.D
 Acq: 27 Jul 2017 13:43

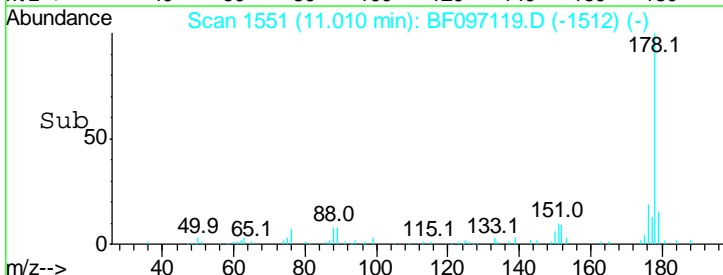
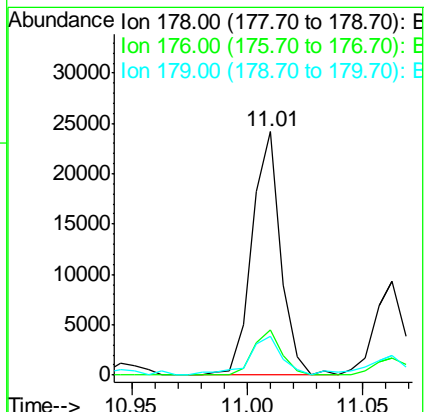
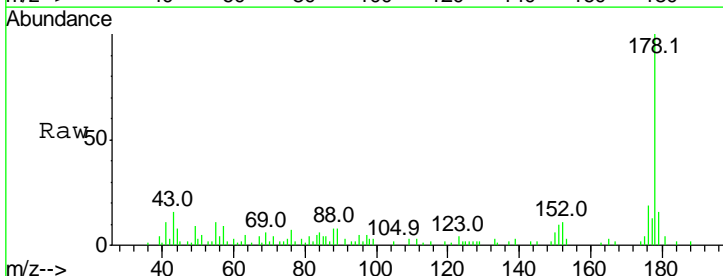
Instrument :
 BNA_F
 ClientSampled :

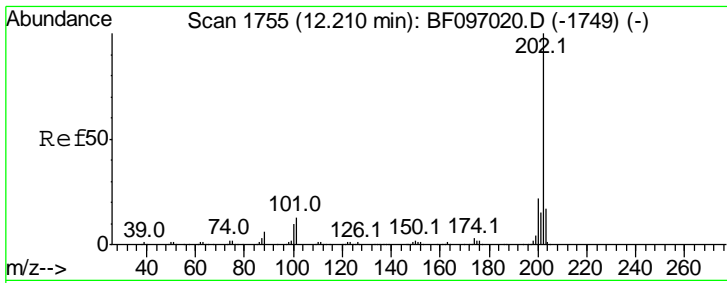
Tgt Ion	Resp	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	15.8	12.6	19.0



#71
 Anthracene
 Concen: 2.066 ng
 RT: 11.01 min Scan# 1551
 Delta R.T. -0.07 min
 Lab File: BF097119.D
 Acq: 27 Jul 2017 13:43

Tgt Ion	Resp	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.8	12.7	19.1

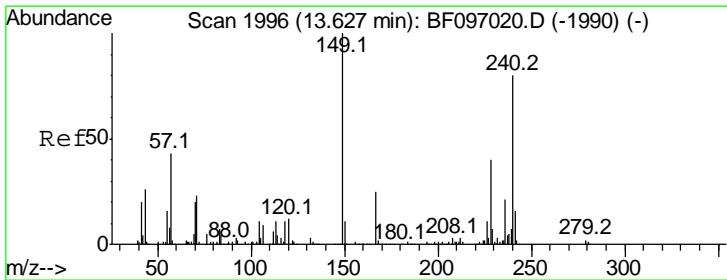
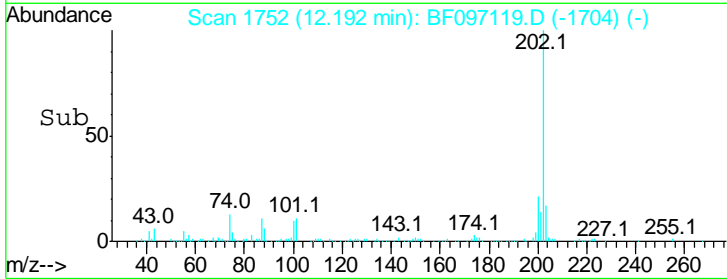
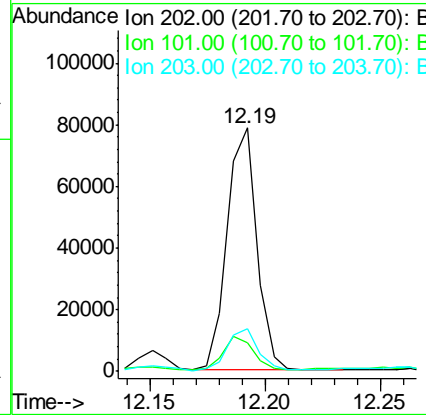
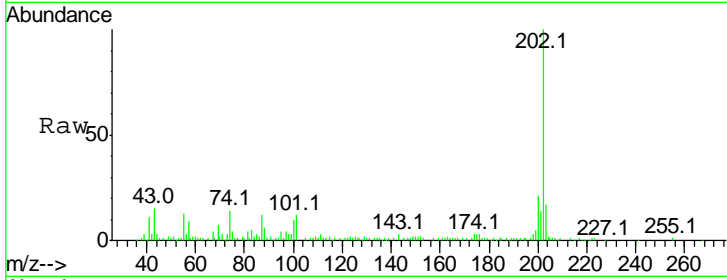




#74
 Fluoranthene
 Concen: 7.218 ng
 RT: 12.19 min Scan# 1752
 Delta R.T. -0.02 min
 Lab File: BF097119.D
 Acq: 27 Jul 2017 13:43

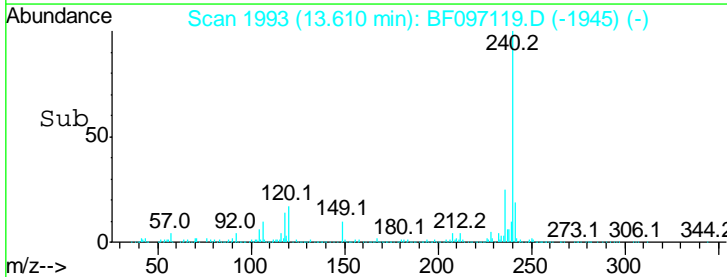
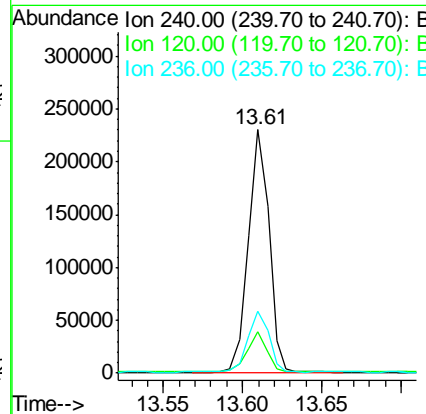
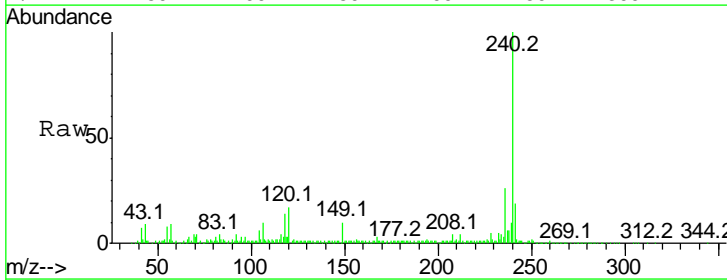
Instrument :
 BNA_F
 ClientSampled :

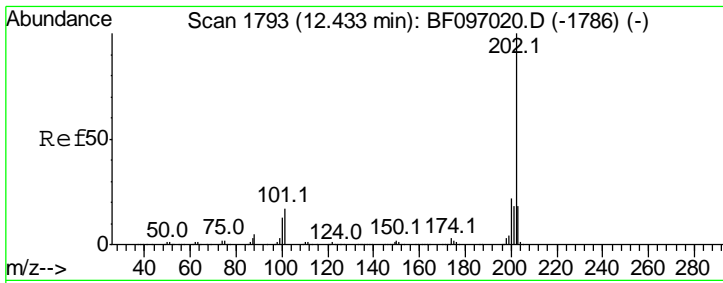
Tgt Ion	Resp	Lower	Upper
202	100		
101	11.8	0.0	33.2
203	17.4	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.61 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF097119.D
 Acq: 27 Jul 2017 13:43

Tgt Ion	Resp	Lower	Upper
240	100		
120	17.1	5.8	8.8#
236	25.5	20.5	30.7

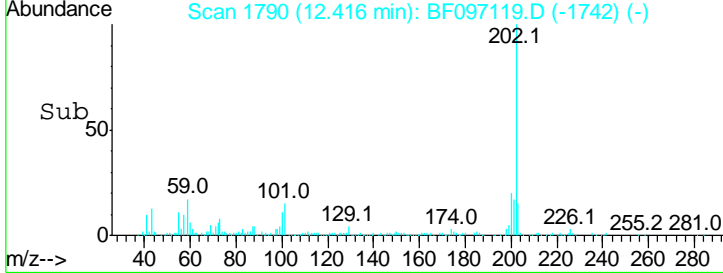
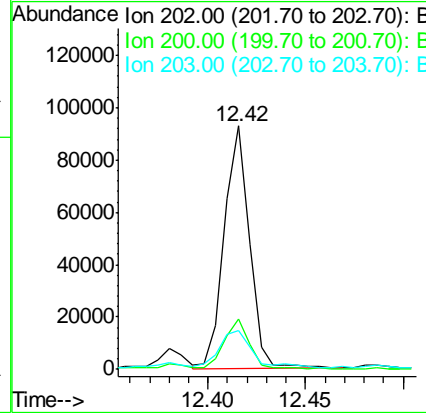
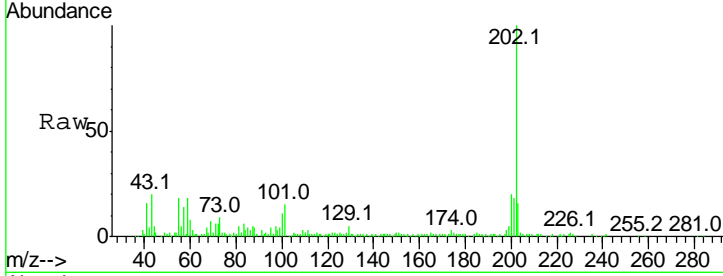




#77
 Pyrene
 Concen: 4.922 ng
 RT: 12.42 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BF097119.D
 Acq: 27 Jul 2017 13:43

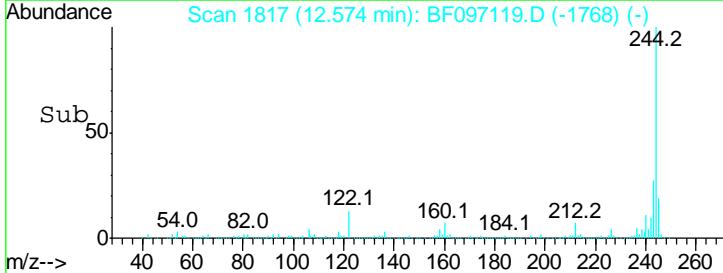
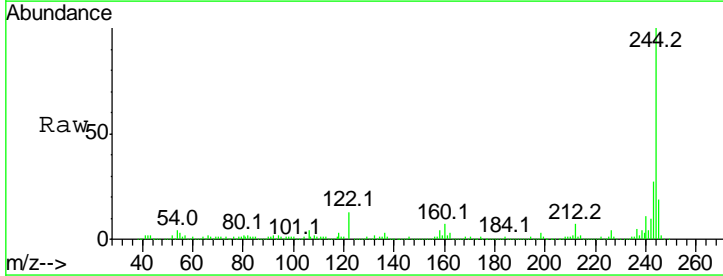
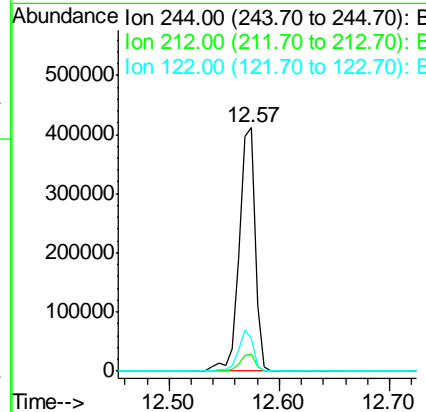
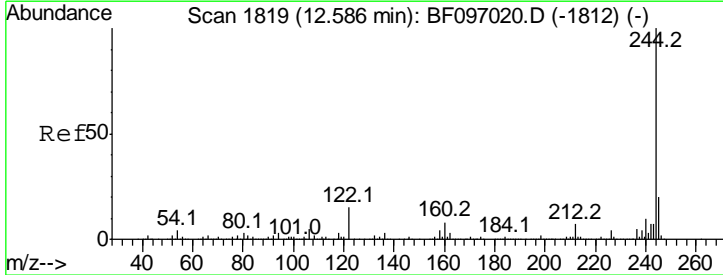
Instrument :
 BNA_F
 ClientSampled :

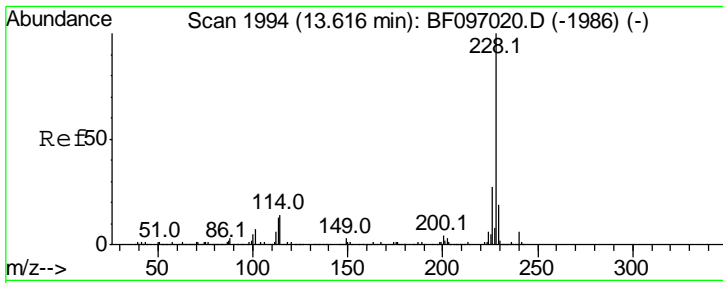
Tgt Ion	Resp	Lower	Upper
202	100		
200	20.4	17.6	26.4
203	15.9	14.4	21.6



#78
 Terphenyl-d14
 Concen: 41.206 ng
 RT: 12.57 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BF097119.D
 Acq: 27 Jul 2017 13:43

Tgt Ion	Resp	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.3	10.3	15.5

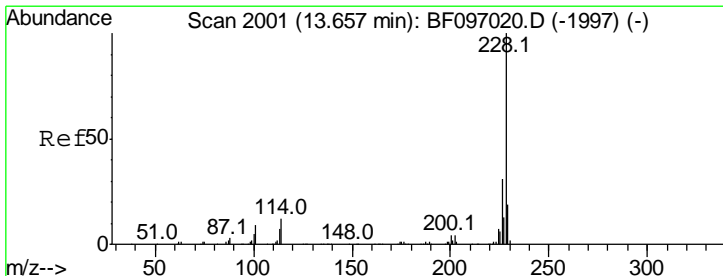
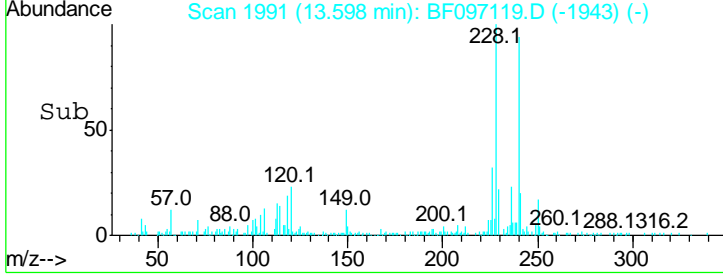
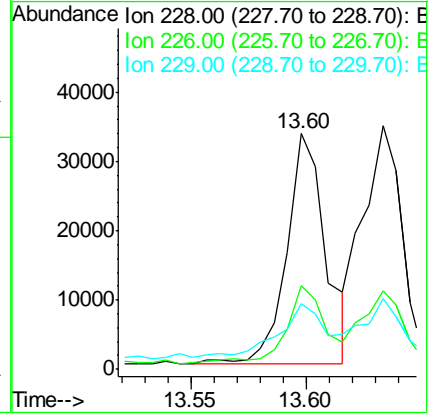
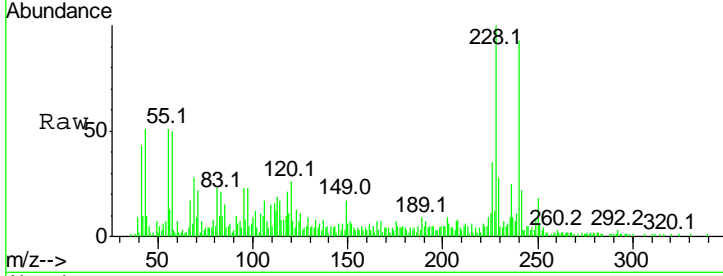




#80
 Benzo(a)anthracene
 Concen: 2.891 ng
 RT: 13.60 min Scan# 1991
 Delta R.T. -0.02 min
 Lab File: BF097119.D
 Acq: 27 Jul 2017 13:43

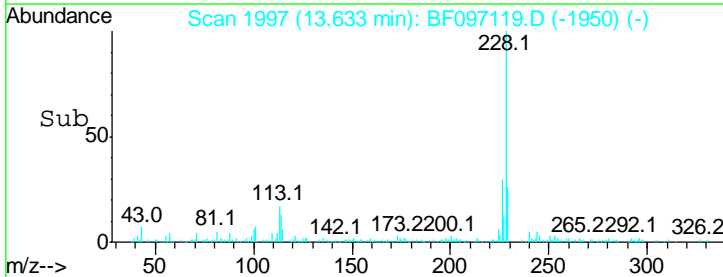
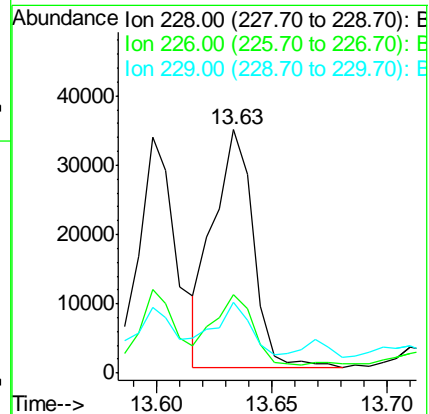
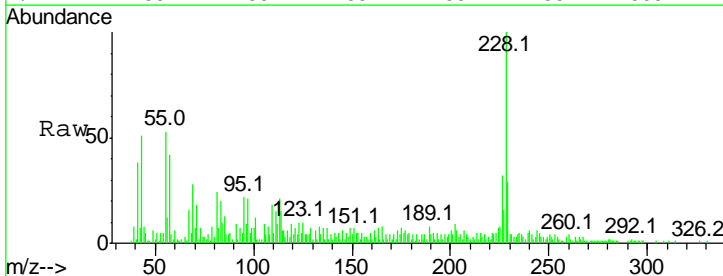
Instrument :
 BNA_F
 ClientSampled :

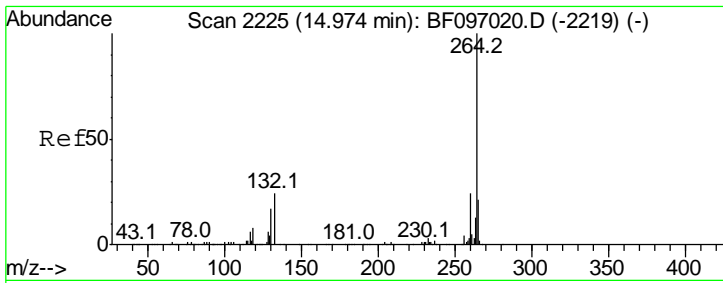
Tgt Ion	Resp	Lower	Upper
228	100		
226	35.3	22.6	33.8#
229	28.0	16.3	24.5#



#82
 Chrysene
 Concen: 3.136 ng
 RT: 13.63 min Scan# 1997
 Delta R.T. -0.02 min
 Lab File: BF097119.D
 Acq: 27 Jul 2017 13:43

Tgt Ion	Resp	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	29.1	15.8	23.6#

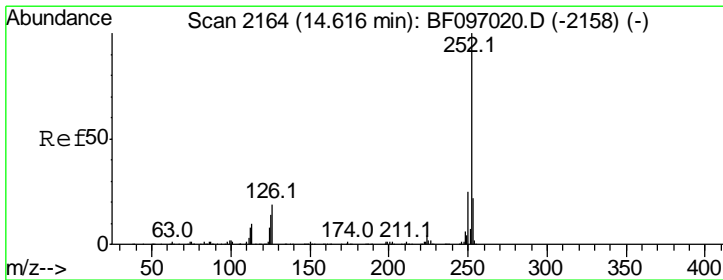
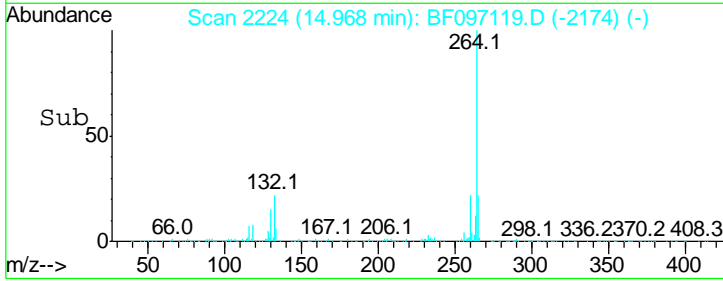
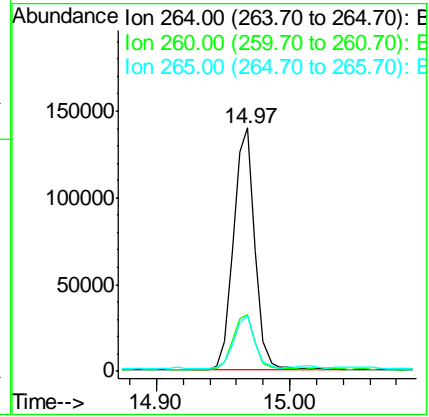
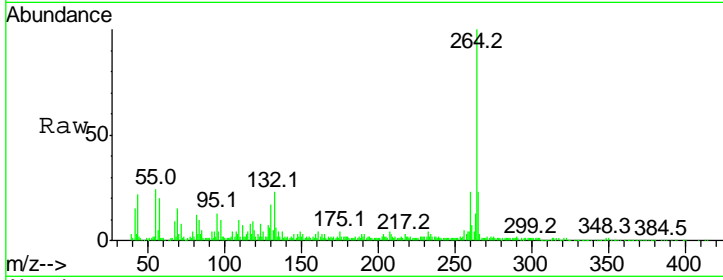




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.97 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF097119.D
 Acq: 27 Jul 2017 13:43

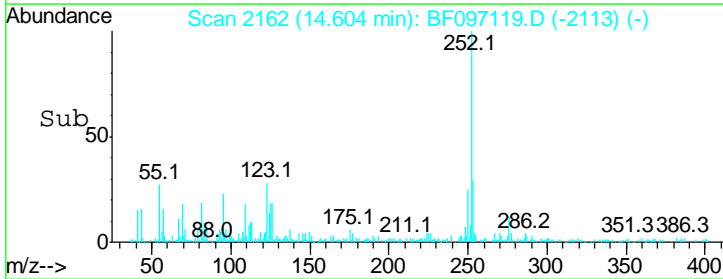
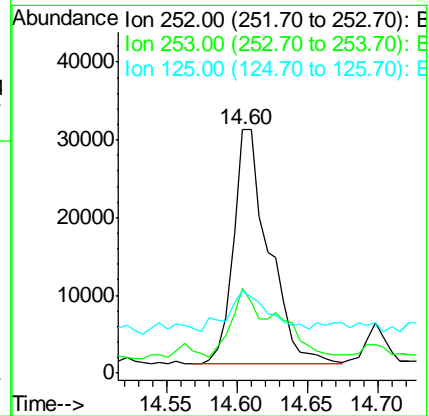
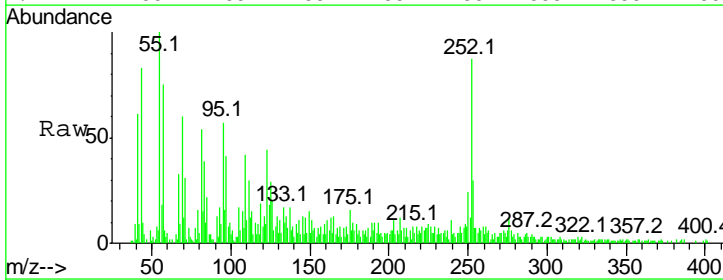
Instrument :
 BNA_F
 ClientSampled :

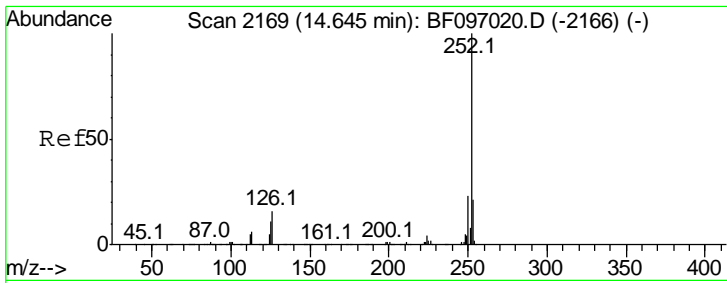
Tgt Ion	Resp	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	23.0	17.2	25.8



#87
 Benzo(b)fluoranthene
 Concen: 5.525 ng
 RT: 14.60 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BF097119.D
 Acq: 27 Jul 2017 13:43

Tgt Ion	Resp	Lower	Upper
252	100		
253	34.8	18.1	27.1#
125	33.6	9.8	14.8#

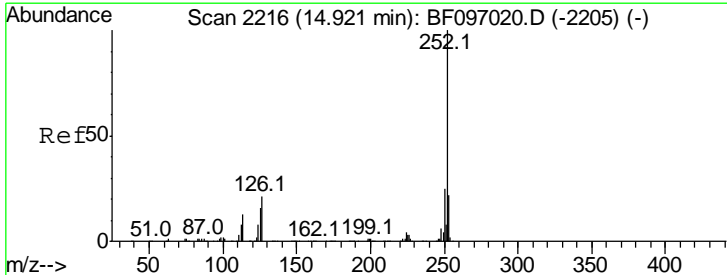
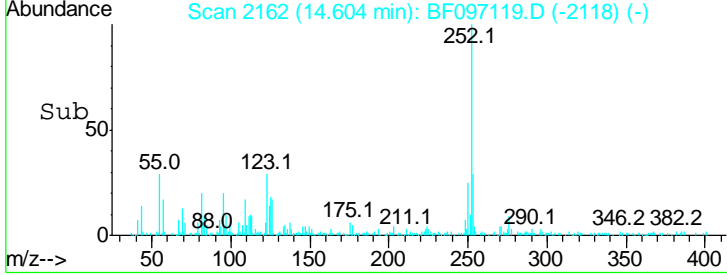
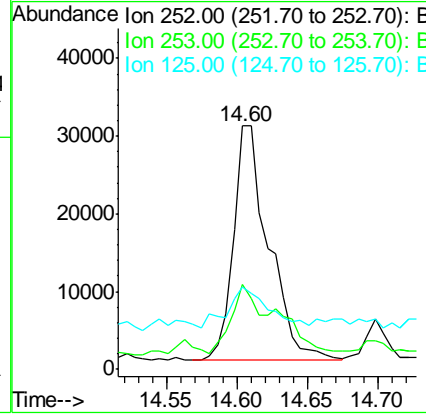
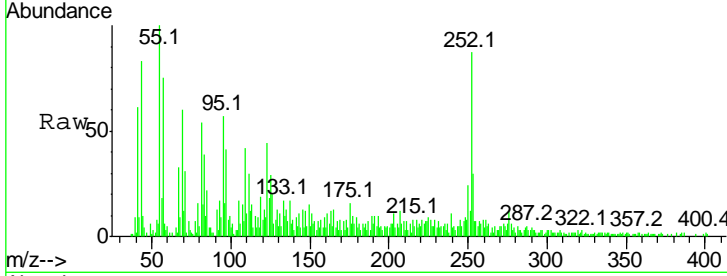




#88
 Benzo(k)fluoranthene
 Concen: 5.798 ng
 RT: 14.60 min Scan# 2162
 Delta R.T. -0.04 min
 Lab File: BF097119.D
 Acq: 27 Jul 2017 13:43

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
252	100		
253	34.8	18.4	27.6#
125	33.6	13.1	19.7#



#89
 Benzo(a)pyrene
 Concen: 2.878 ng
 RT: 14.92 min Scan# 2215
 Delta R.T. -0.01 min
 Lab File: BF097119.D
 Acq: 27 Jul 2017 13:43

Tgt Ion	Resp	Lower	Upper
252	100		
253	33.2	17.5	26.3#
125	42.6	11.0	16.4#

