

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
 Data File : BF092209.D
 Acq On : 12 Jan 2017 15:45
 Operator : UM/SJ
 Sample : I1029-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 12 17:00:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 16:14:19 2017
 Response via : Initial Calibration

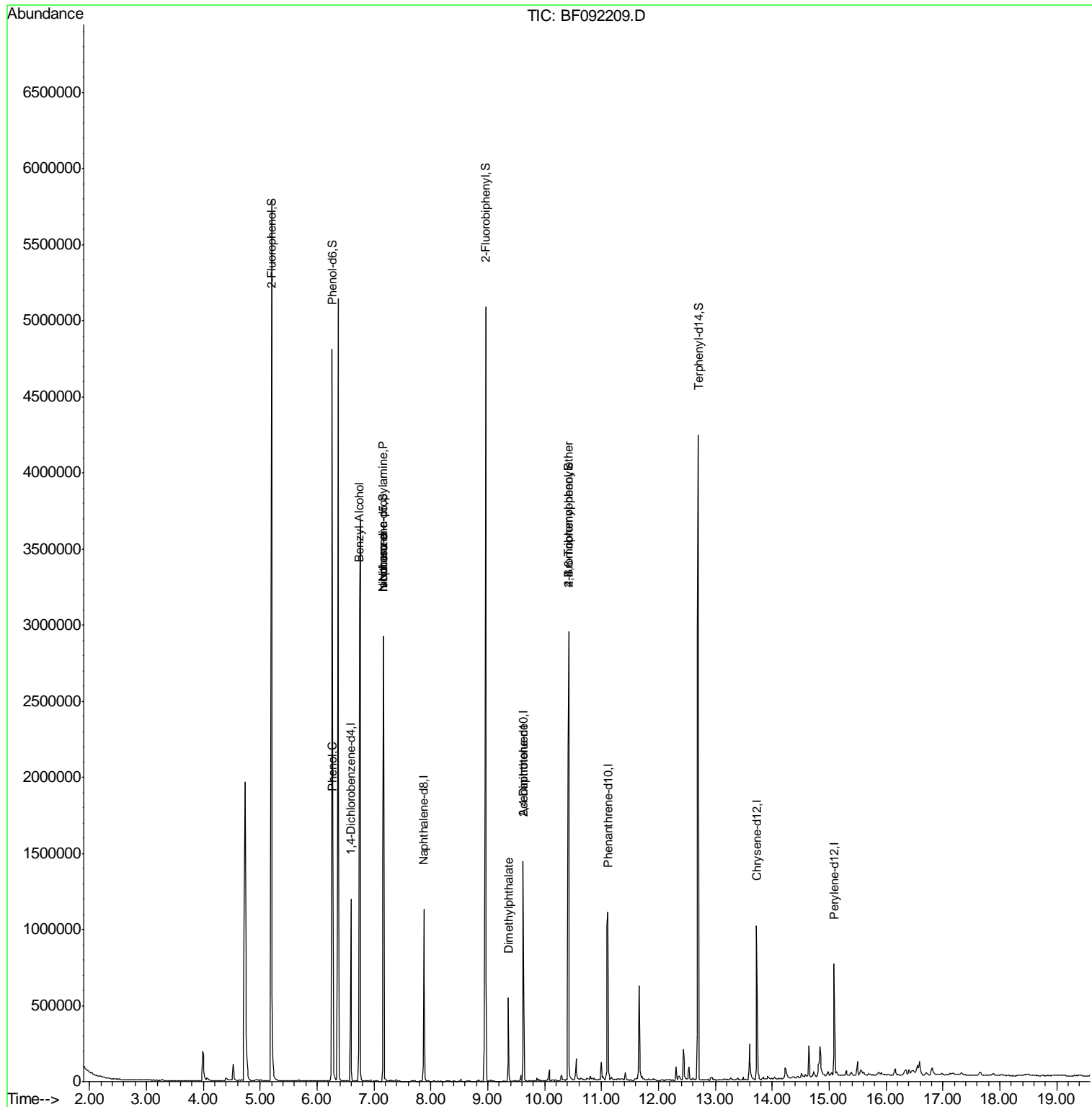
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	190337	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	664872	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	354733	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	602233	20.00	ng	0.00
75) Chrysene-d12	13.73	240	393711	20.00	ng	0.00
86) Perylene-d12	15.09	264	319155	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1887387	165.57	ng	0.00
7) Phenol-d6	6.26	99	2040553	146.62	ng	0.00
23) Nitrobenzene-d5	7.17	82	1132275	94.70	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	474102	161.50	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	1794894	107.01	ng	0.00
78) Terphenyl-d14	12.70	244	1703581	104.94	ng	0.00
Target Compounds						
10) Phenol	6.28	94	146283	9.22	ng	79
15) Benzyl Alcohol	6.74	79	23881	2.21	ng	# 46
19) n-Nitroso-di-n-propylamine	7.17	70	154819	16.72	ng	# 79
25) Isophorone	7.17	82	1132275	51.33	ng	# 65
37) 2-Methylnaphthalene	8.60	142	539	Below	Cal	87
49) Dimethylphthalate	9.36	163	225102	9.92	ng	99
56) 2,4-Dinitrotoluene	9.62	165	43719	7.01	ng	# 20
66) 4-Bromophenyl-phenylether	10.42	248	31521	5.03	ng	# 1
71) Anthracene	11.13	178	13290	Below	Cal	95
73) Di-n-butylphthalate	11.68	149	10789	Below	Cal	# 98
74) Fluoranthene	12.31	202	36355	Below	Cal	96
76) Benzidine	12.70	184	23874	Below	Cal	# 88

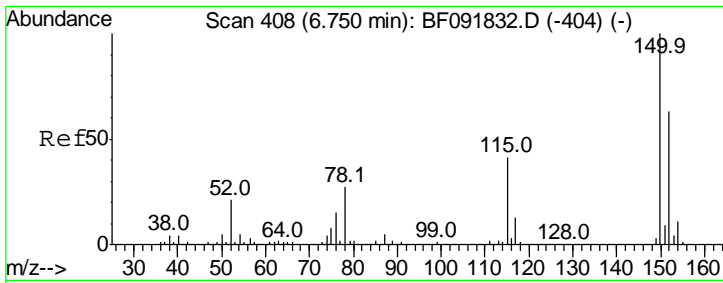
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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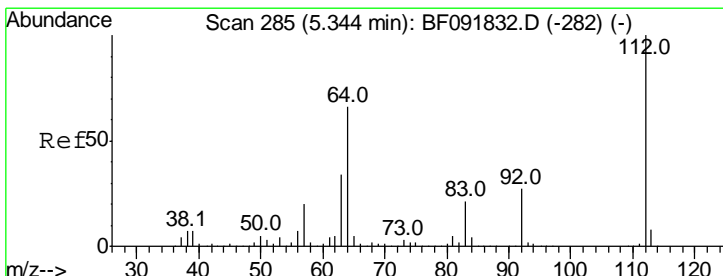
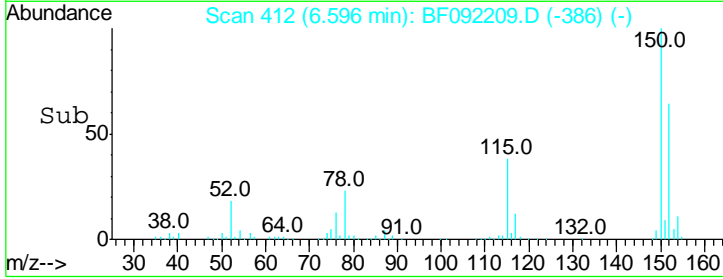
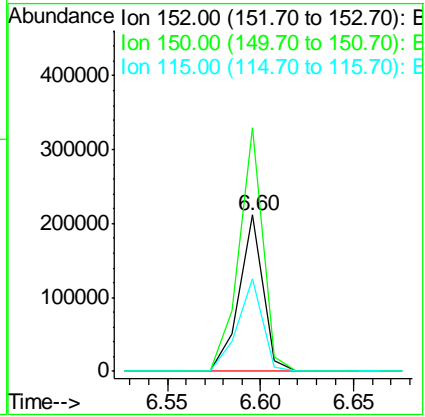
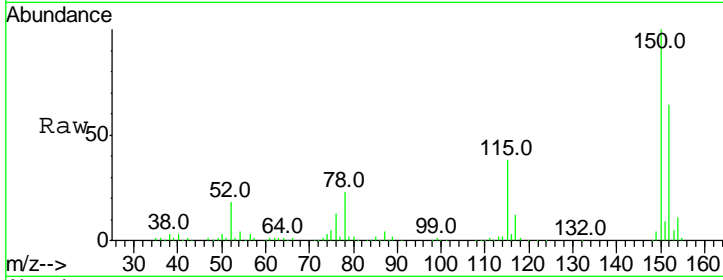




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF092209.D
 Acq: 12 Jan 2017 15:45

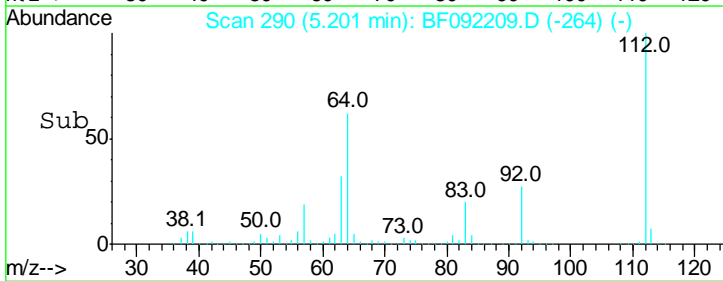
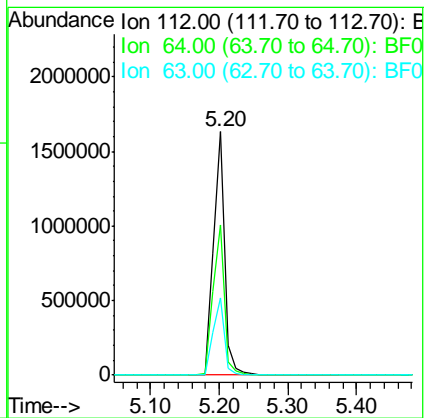
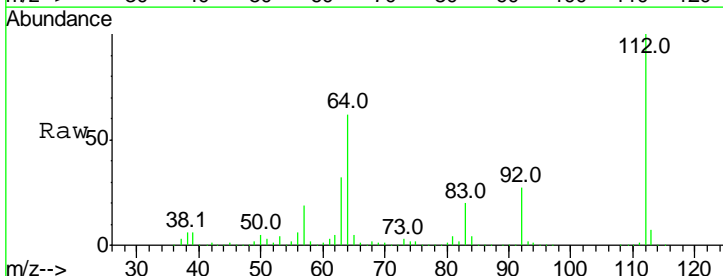
Instrument :
 BNA_F
 ClientSampled :

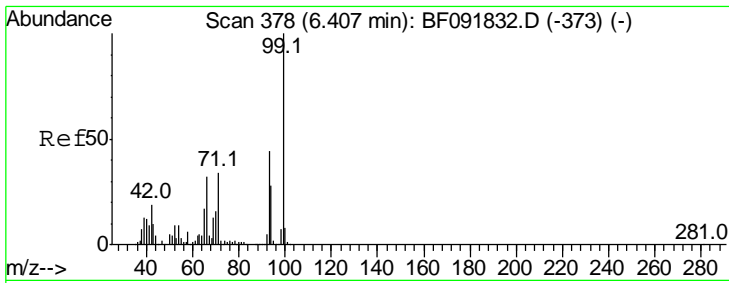
Tgt Ion	Resp	Lower	Upper
152	190337		
152	100		
150	155.7	124.9	187.3
115	59.2	46.0	69.0



#5
 2-Fluorophenol
 Concen: 165.57 ng
 RT: 5.20 min Scan# 290
 Delta R.T. -0.00 min
 Lab File: BF092209.D
 Acq: 12 Jan 2017 15:45

Tgt Ion	Resp	Lower	Upper
112	1887387		
112	100		
64	61.8	46.1	69.1
63	31.8	23.8	35.6



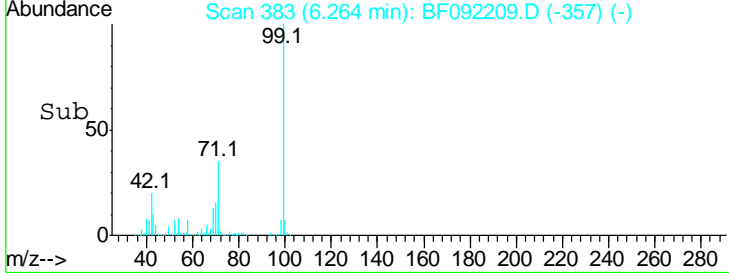
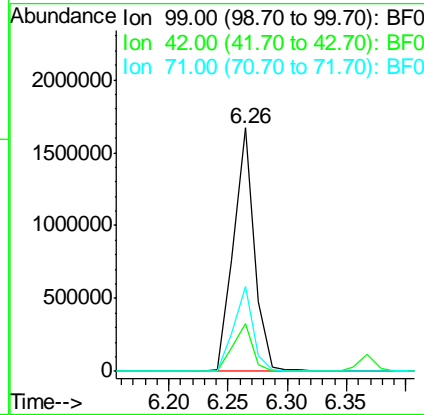
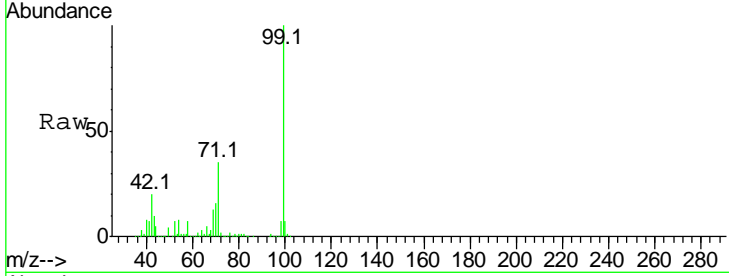


#7
 Phenol-d6
 Concen: 146.62 ng
 RT: 6.26 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: BF092209.D
 Acq: 12 Jan 2017 15:45

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion: 99 Resp: 2040553

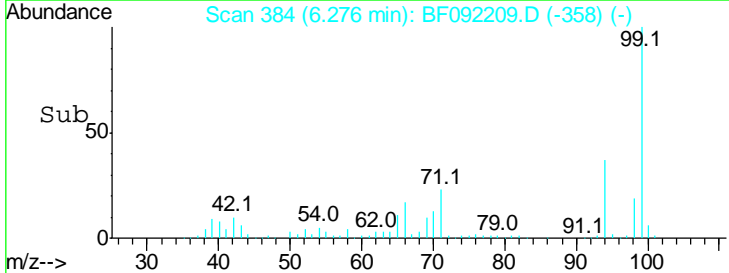
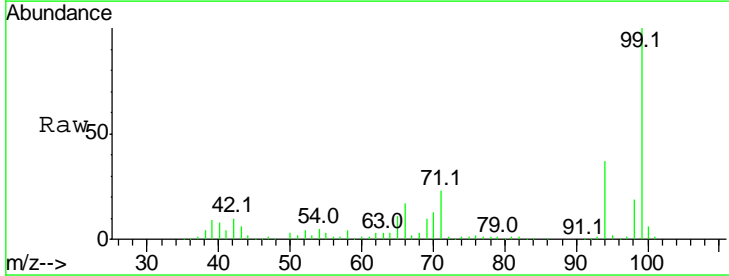
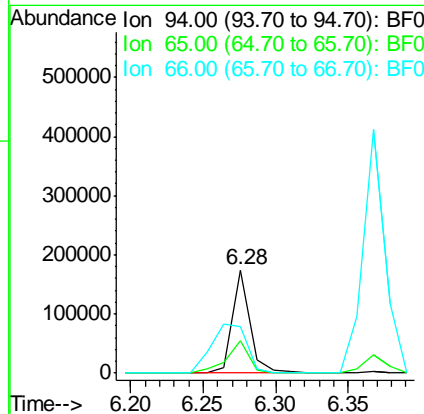
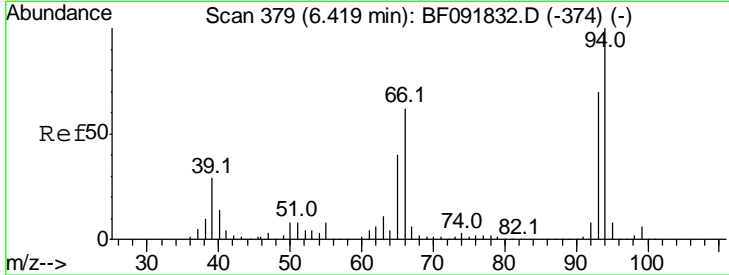
Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.6	23.4
71	34.8	27.5	41.3

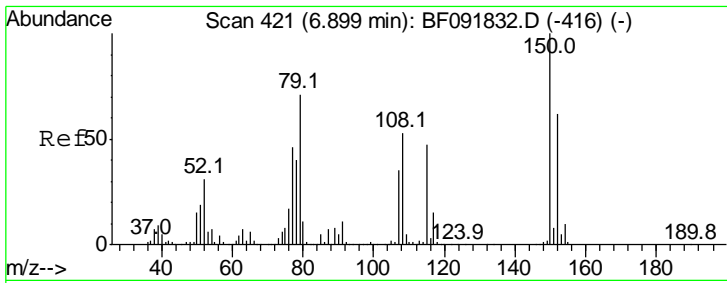


#10
 Phenol
 Concen: 9.22 ng
 RT: 6.28 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: BF092209.D
 Acq: 12 Jan 2017 15:45

Tgt Ion: 94 Resp: 146283

Ion	Ratio	Lower	Upper
94	100		
65	31.3	21.4	61.4
66	45.7	44.0	84.0

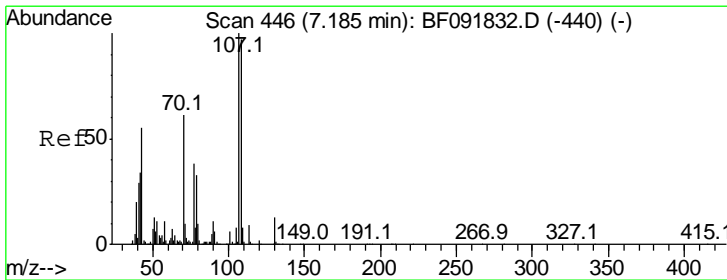
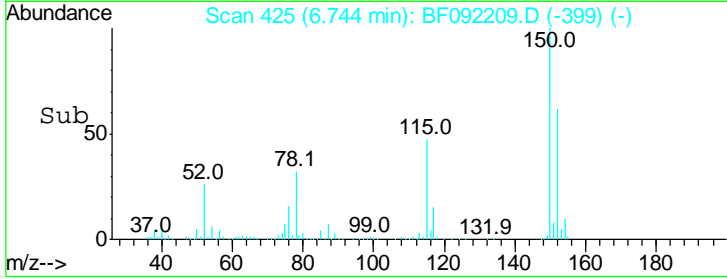
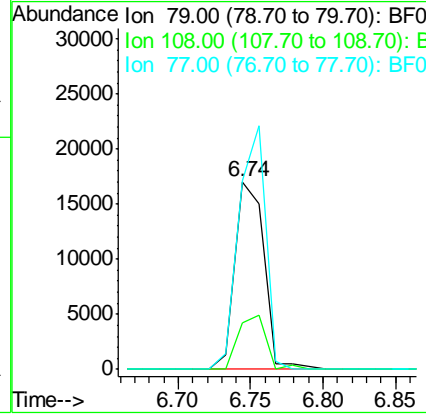
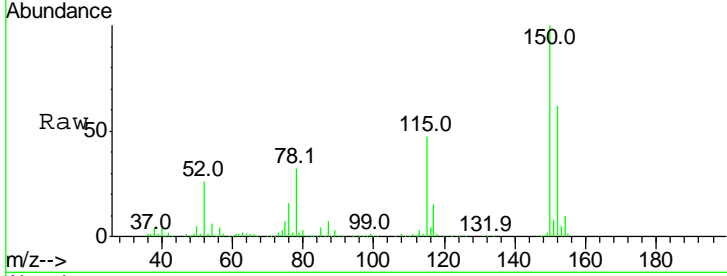




#15
 Benzyl Alcohol
 Concen: 2.21 ng
 RT: 6.74 min Scan# 425
 Delta R.T. -0.00 min
 Lab File: BF092209.D
 Acq: 12 Jan 2017 15:45

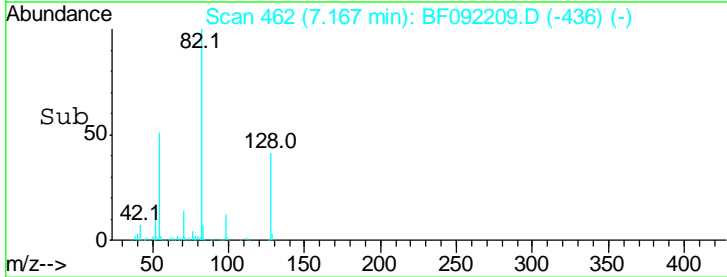
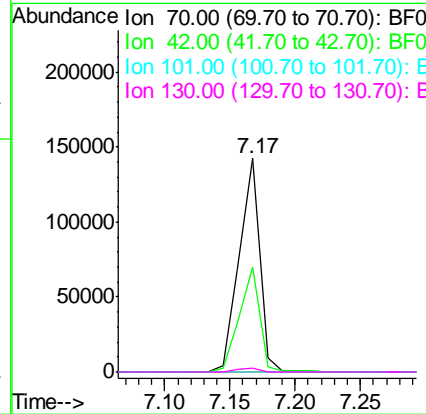
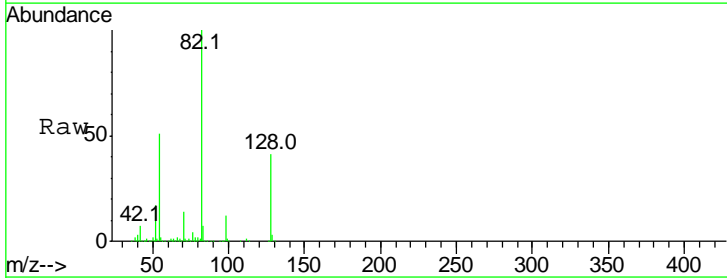
Instrument :
 BNA_F
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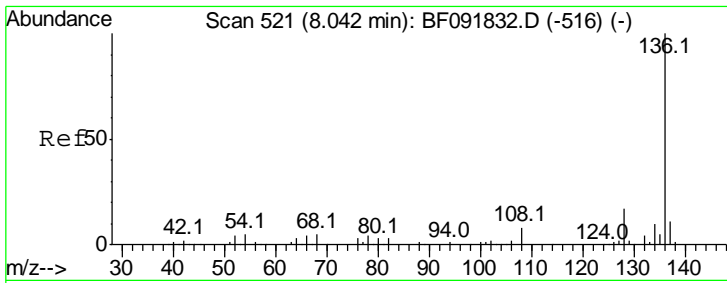
Tgt Ion	Resp	Lower	Upper
79	100		
108	24.5	61.4	92.0#
77	100.2	50.9	76.3#



#19
 n-Nitroso-di-n-propylamine
 Concen: 16.72 ng
 RT: 7.17 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF092209.D
 Acq: 12 Jan 2017 15:45

Tgt Ion	Resp	Lower	Upper
70	100		
42	49.1	49.4	74.0#
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#

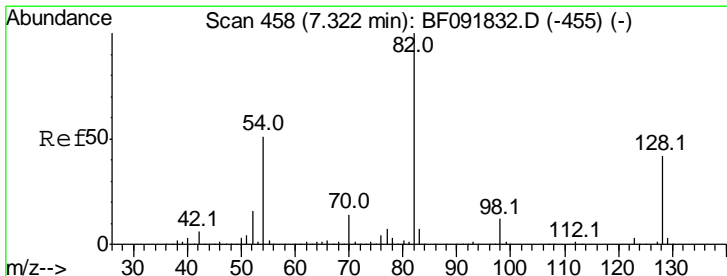
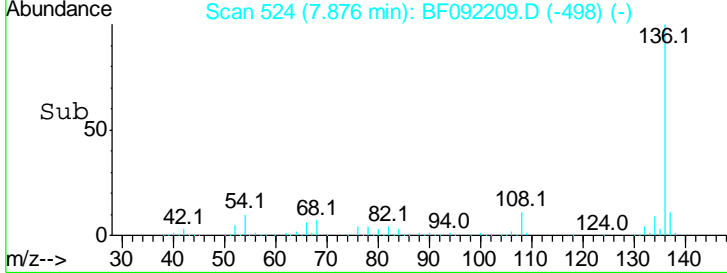
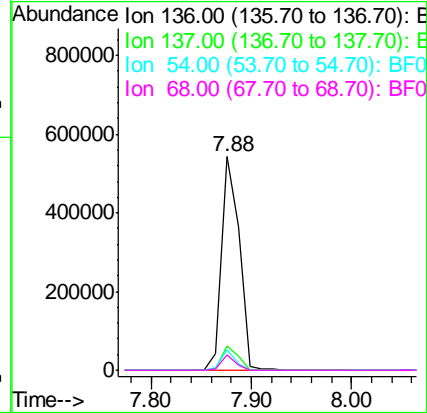
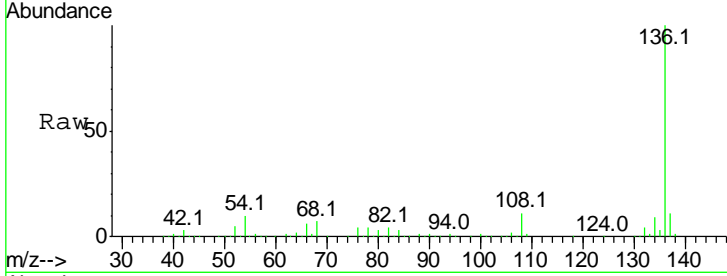




#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.88 min Scan# 524
 Delta R.T. -0.00 min
 Lab File: BF092209.D
 Acq: 12 Jan 2017 15:45

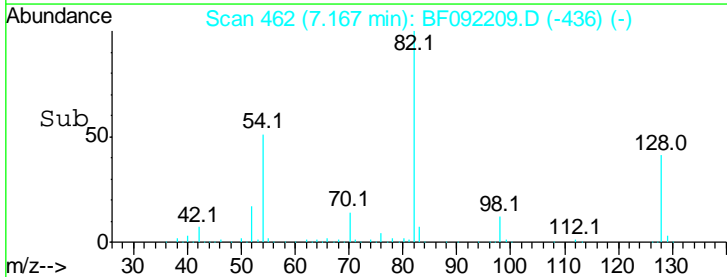
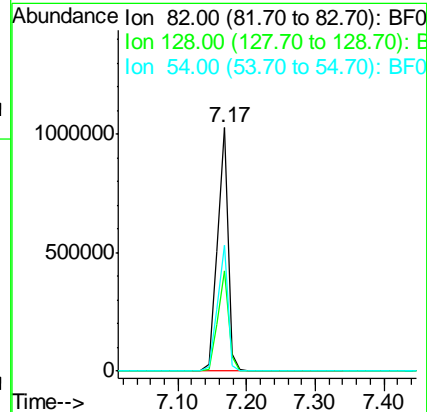
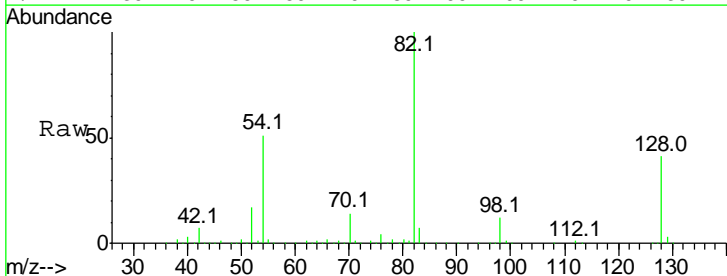
Instrument :
 BNA_F
 ClientSampled :

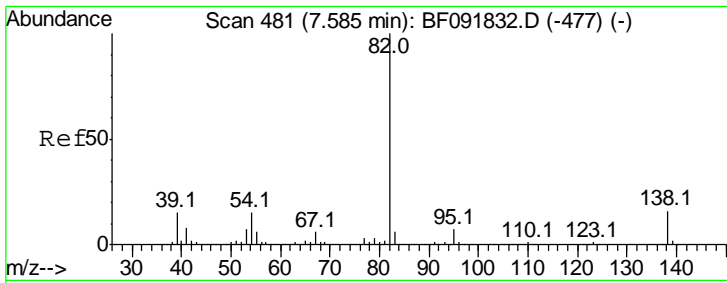
Tgt Ion	Resp	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	9.6	4.5	6.7#
68	7.0	3.6	5.4#



#23
 Nitrobenzene-d5
 Concen: 94.70 ng
 RT: 7.17 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF092209.D
 Acq: 12 Jan 2017 15:45

Tgt Ion	Resp	Lower	Upper
82	100		
128	41.0	34.6	52.0
54	51.5	39.5	59.3

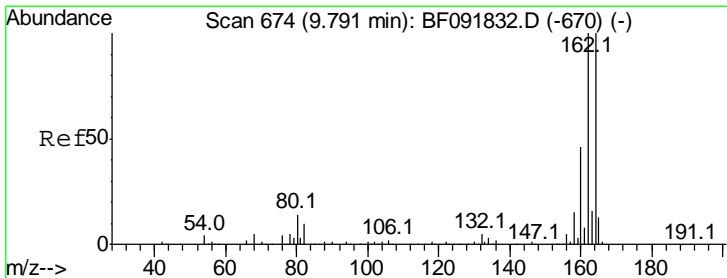
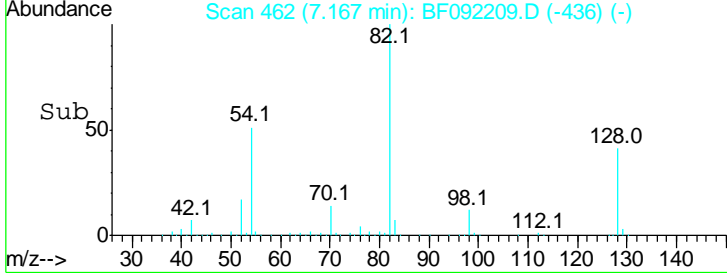
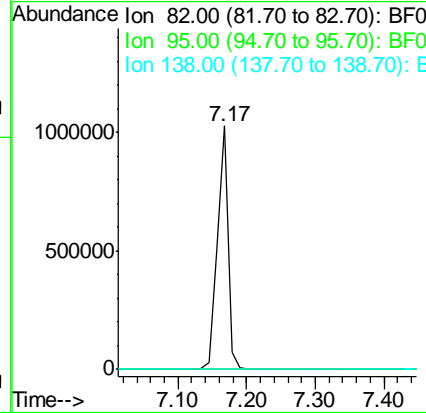
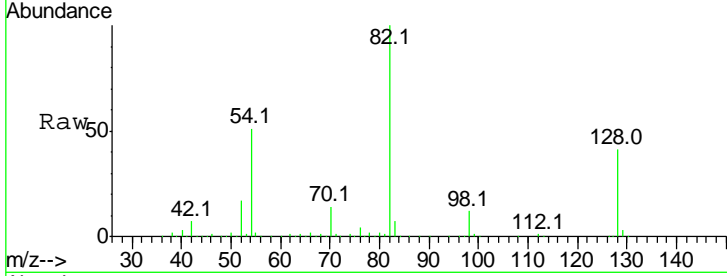




#25
 Isophorone
 Concen: 51.33 ng
 RT: 7.17 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF092209.D
 Acq: 12 Jan 2017 15:45

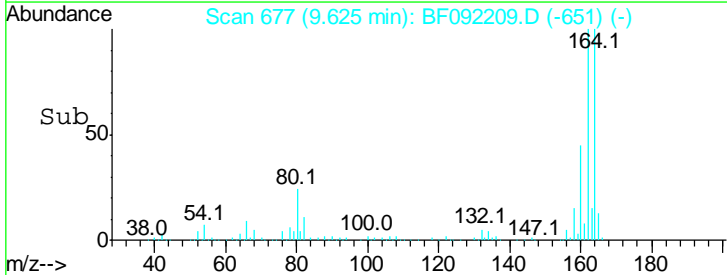
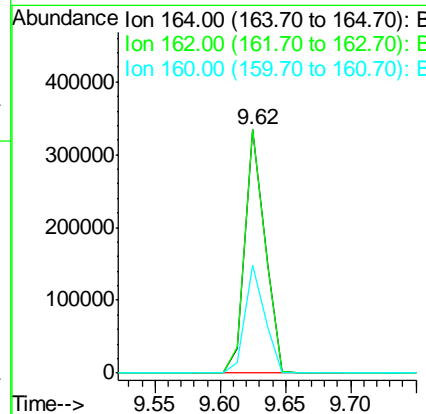
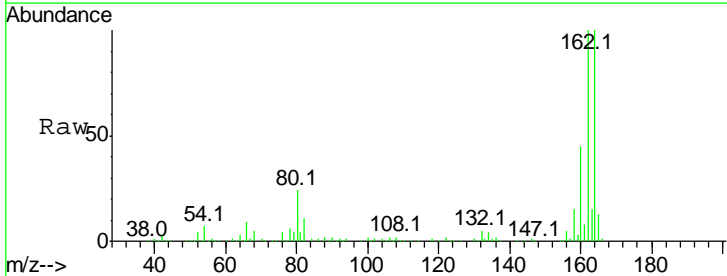
Instrument :
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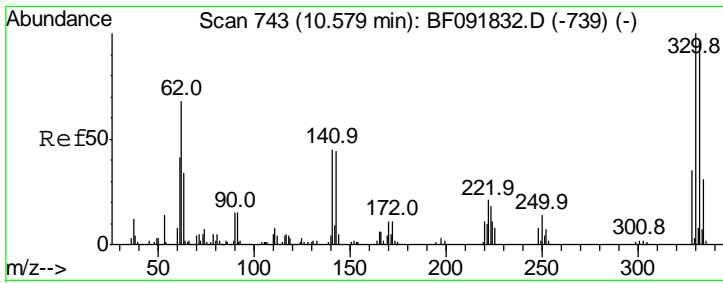
Tgt Ion	Resp	Lower	Upper
82	1132275		
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF092209.D
 Acq: 12 Jan 2017 15:45

Tgt Ion	Resp	Lower	Upper
164	354733		
164	100		
162	100.0	80.2	120.2
160	44.6	36.9	55.3

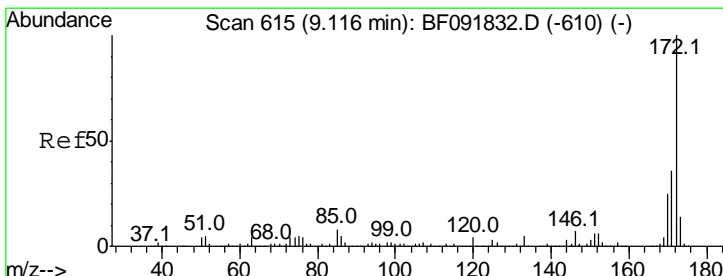
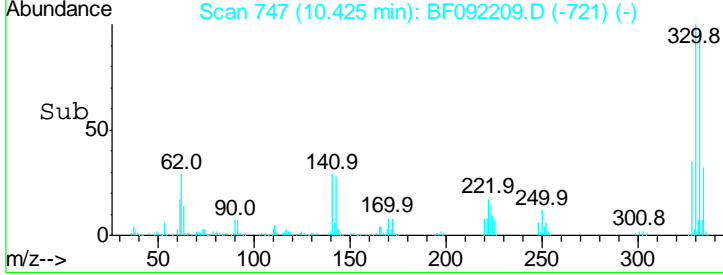
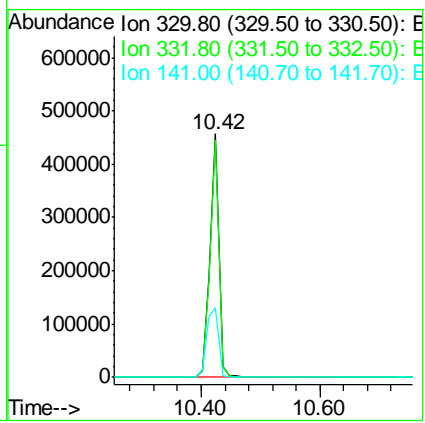
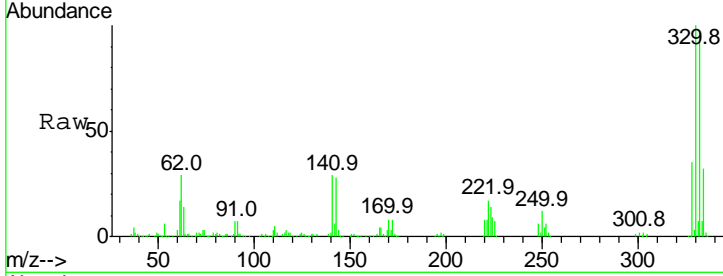




#41
 2,4,6-Tribromophenol
 Concen: 161.50 ng
 RT: 10.42 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF092209.D
 Acq: 12 Jan 2017 15:45

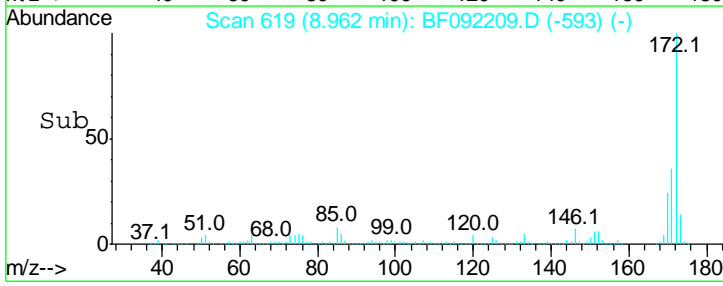
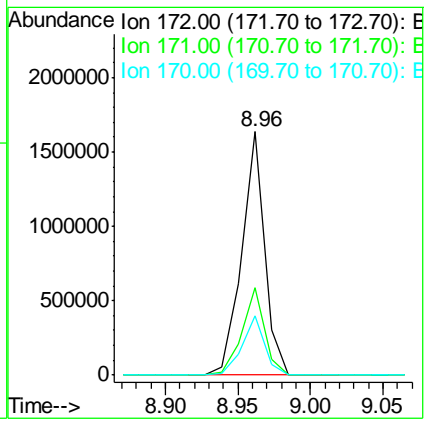
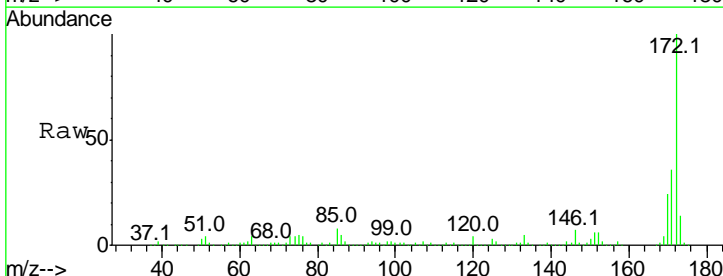
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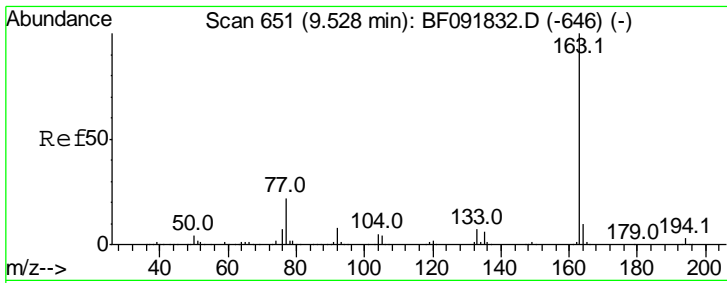
Tgt Ion	Resp	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	38.3	34.1	51.1



#44
 2-Fluorobiphenyl
 Concen: 107.01 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF092209.D
 Acq: 12 Jan 2017 15:45

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.4	20.2	30.4



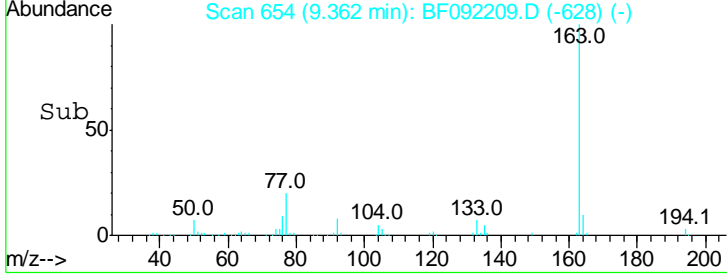
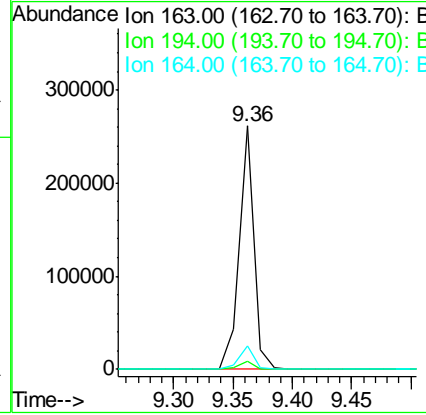
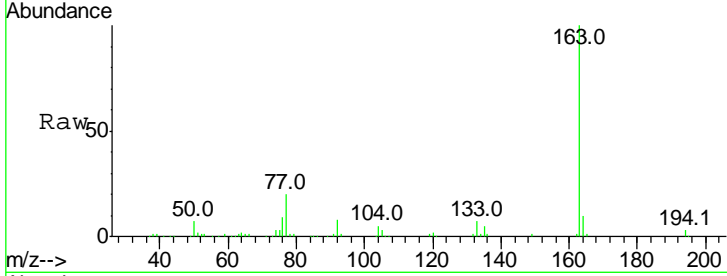


#49
 Dimethylphthalate
 Concen: 9.92 ng
 RT: 9.36 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BF092209.D
 Acq: 12 Jan 2017 15:45

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:163 Resp: 225102

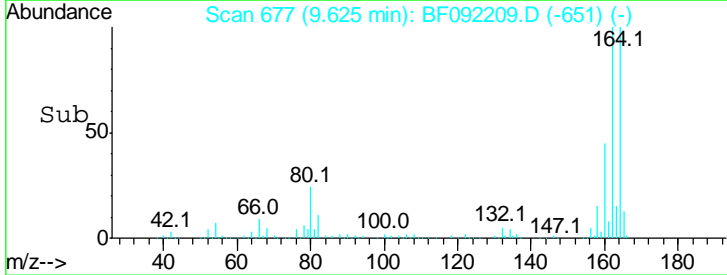
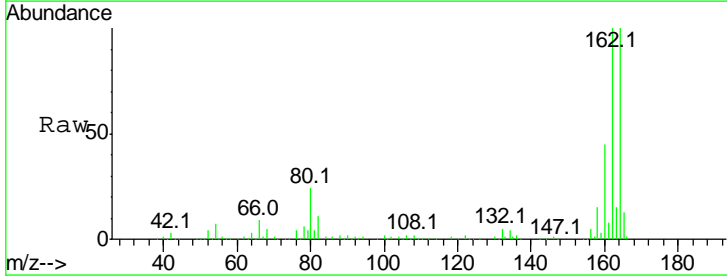
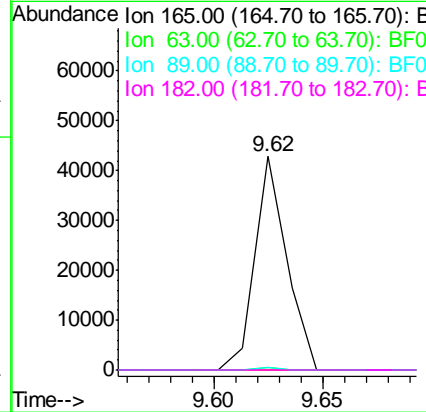
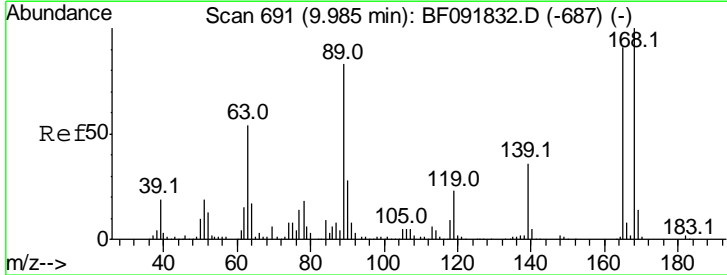
Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	9.7	8.0	12.0

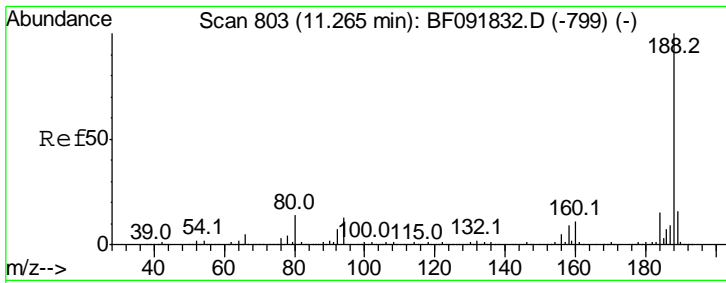


#56
 2,4-Dinitrotoluene
 Concen: 7.01 ng
 RT: 9.62 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF092209.D
 Acq: 12 Jan 2017 15:45

Tgt Ion:165 Resp: 43719

Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.2	60.4#
89	1.3	62.5	93.7#
182	0.0	1.8	2.8#

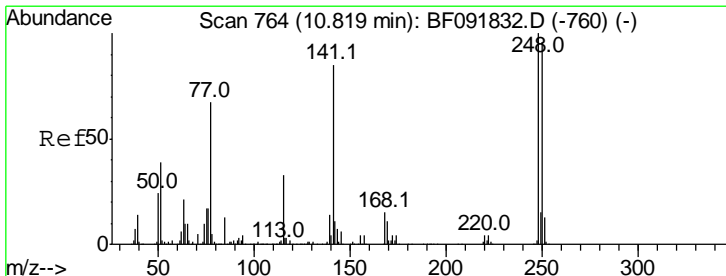
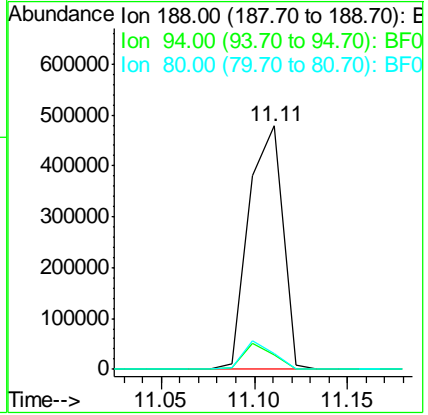
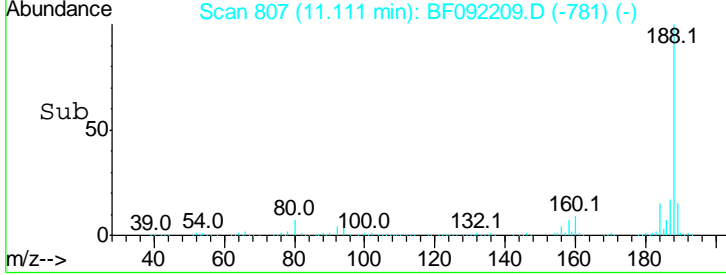
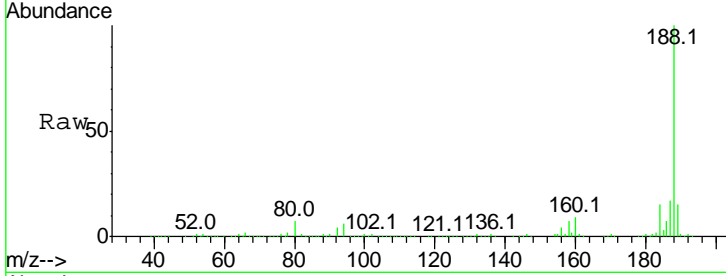




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF092209.D
 Acq: 12 Jan 2017 15:45

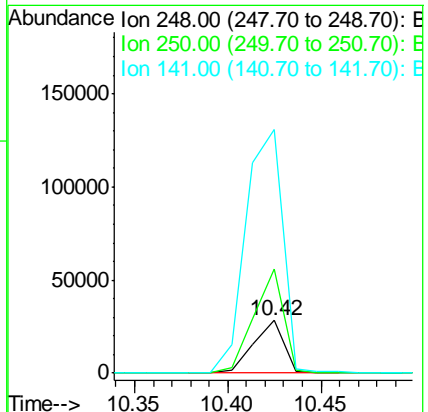
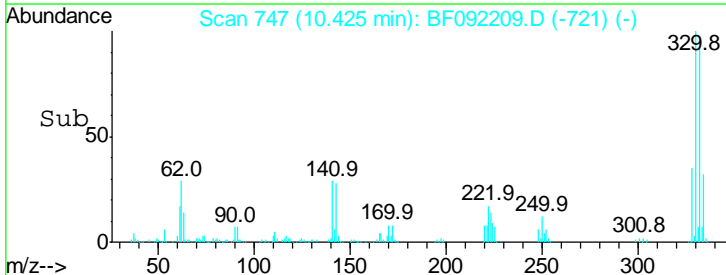
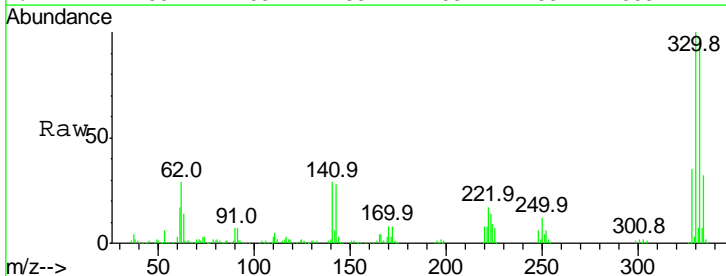
Instrument :
 BNA_F
 ClientSampled :

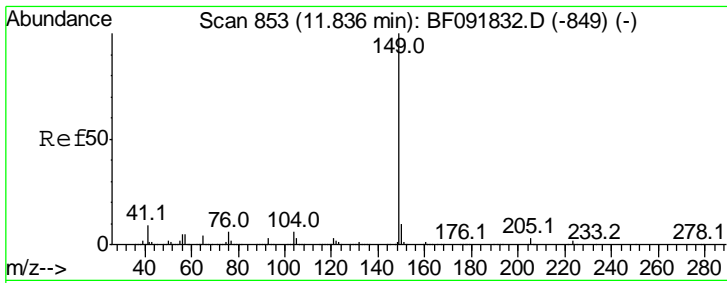
Tgt Ion	Resp	Lower	Upper
188	100		
94	6.2	10.0	15.0#
80	6.6	11.2	16.8#



#66
 4-Bromophenyl-phenylether
 Concen: 5.03 ng
 RT: 10.42 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF092209.D
 Acq: 12 Jan 2017 15:45

Tgt Ion	Resp	Lower	Upper
248	100		
250	196.6	76.9	115.3#
141	461.6	68.2	102.4#

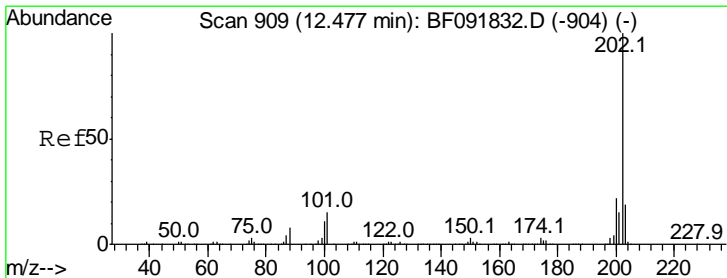
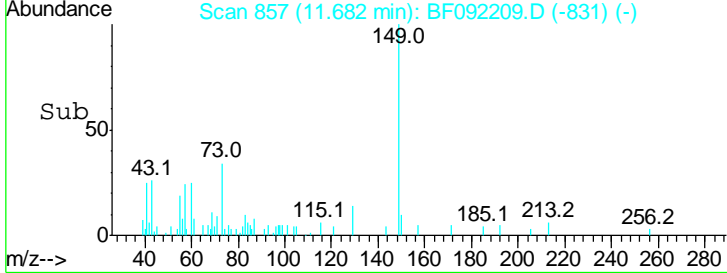
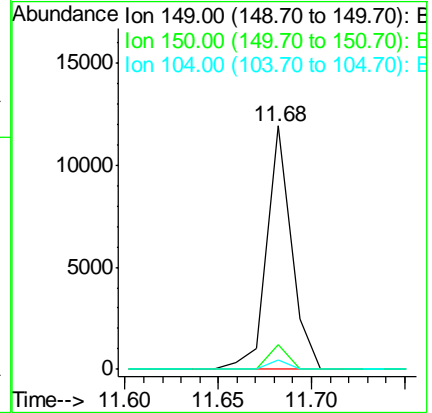
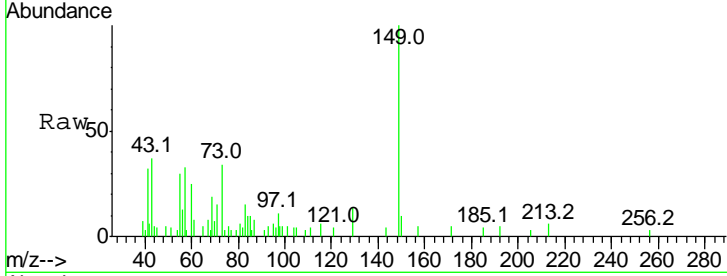




#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 11.68 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF092209.D
 Acq: 12 Jan 2017 15:45

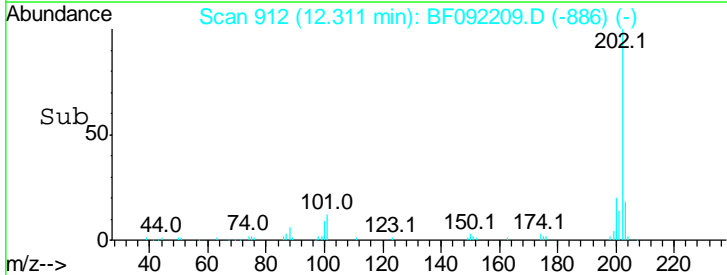
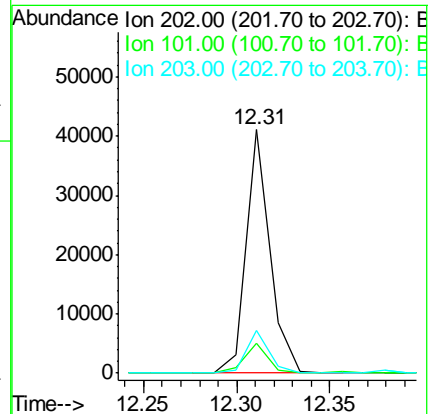
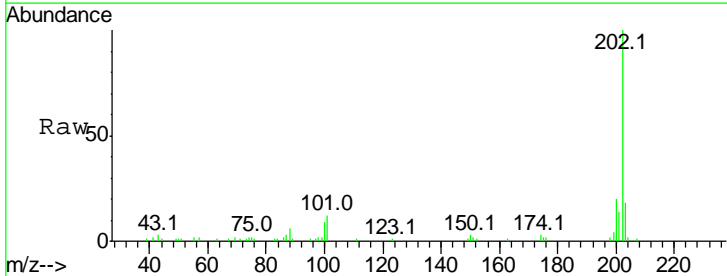
Instrument :
 BNA_F
 ClientSampled :

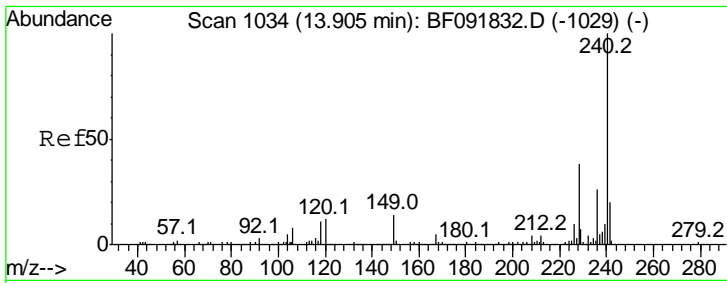
Tgt Ion	Resp	Lower	Upper
149	100		
150	10.3	8.1	12.1
104	4.0	4.6	7.0#



#74
 Fluoranthene
 Concen: Below Cal
 RT: 12.31 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BF092209.D
 Acq: 12 Jan 2017 15:45

Tgt Ion	Resp	Lower	Upper
202	100		
101	12.3	0.0	34.6
203	17.7	0.0	38.7



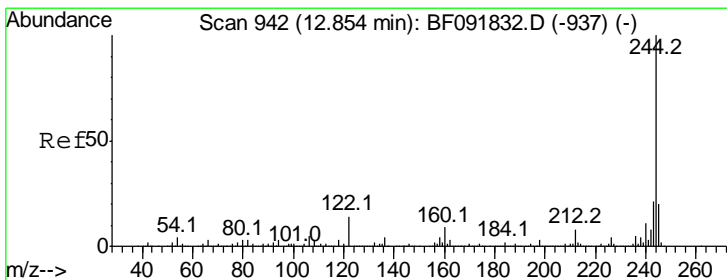
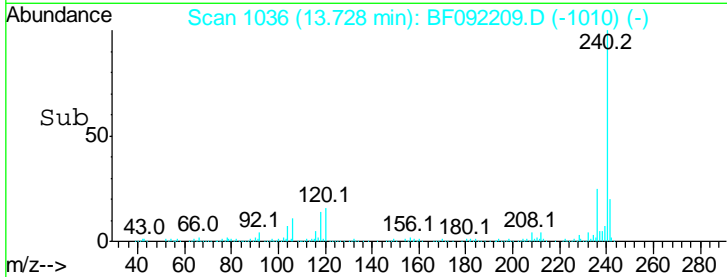
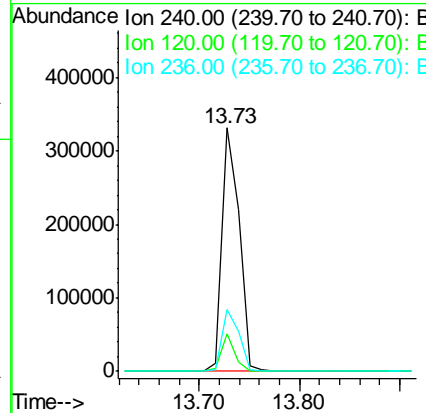
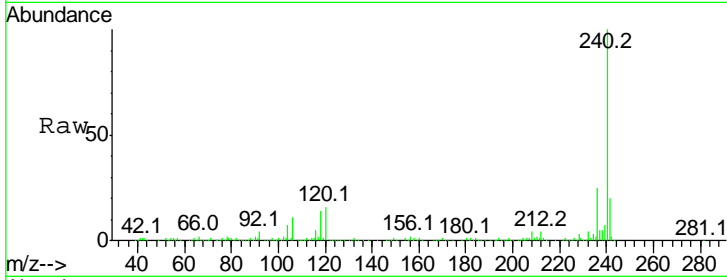


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.73 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF092209.D
 Acq: 12 Jan 2017 15:45

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion: 240 Resp: 393711

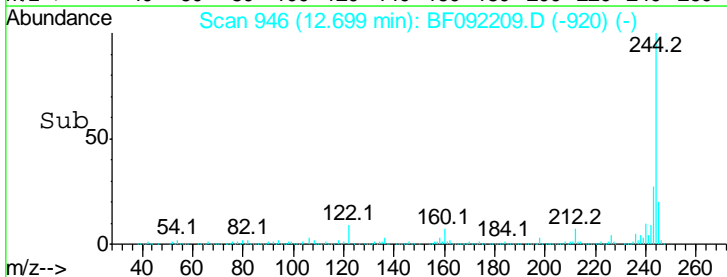
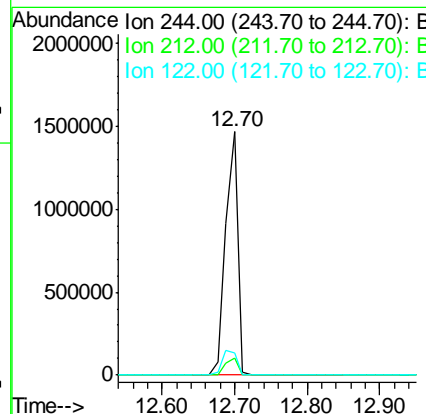
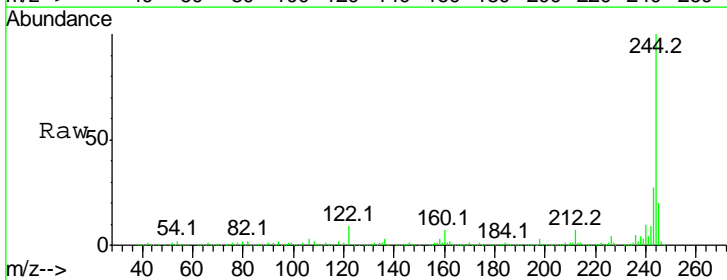
Ion	Ratio	Lower	Upper
240	100		
120	15.7	12.9	19.3
236	25.2	20.9	31.3

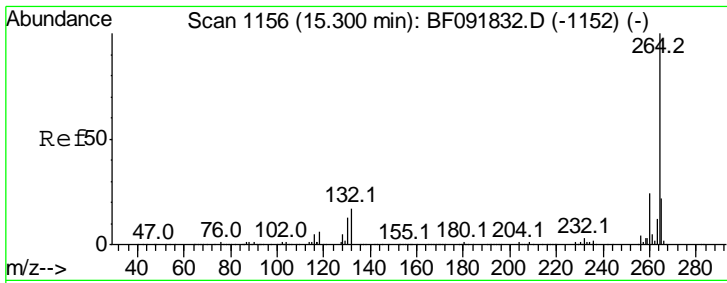


#78
 Terphenyl-d14
 Concen: 104.94 ng
 RT: 12.70 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF092209.D
 Acq: 12 Jan 2017 15:45

Tgt Ion: 244 Resp: 1703581

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	9.2	11.4	17.2#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF092209.D
 Acq: 12 Jan 2017 15:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Resp	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.2	17.4	26.0

