

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051916\  
 Data File : BF087219.D  
 Acq On : 20 May 2016 8:34  
 Operator : UM/SJ  
 Sample : H3166-02  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: May 20 14:38:05 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 17 16:55:01 2016  
 Response via : Initial Calibration

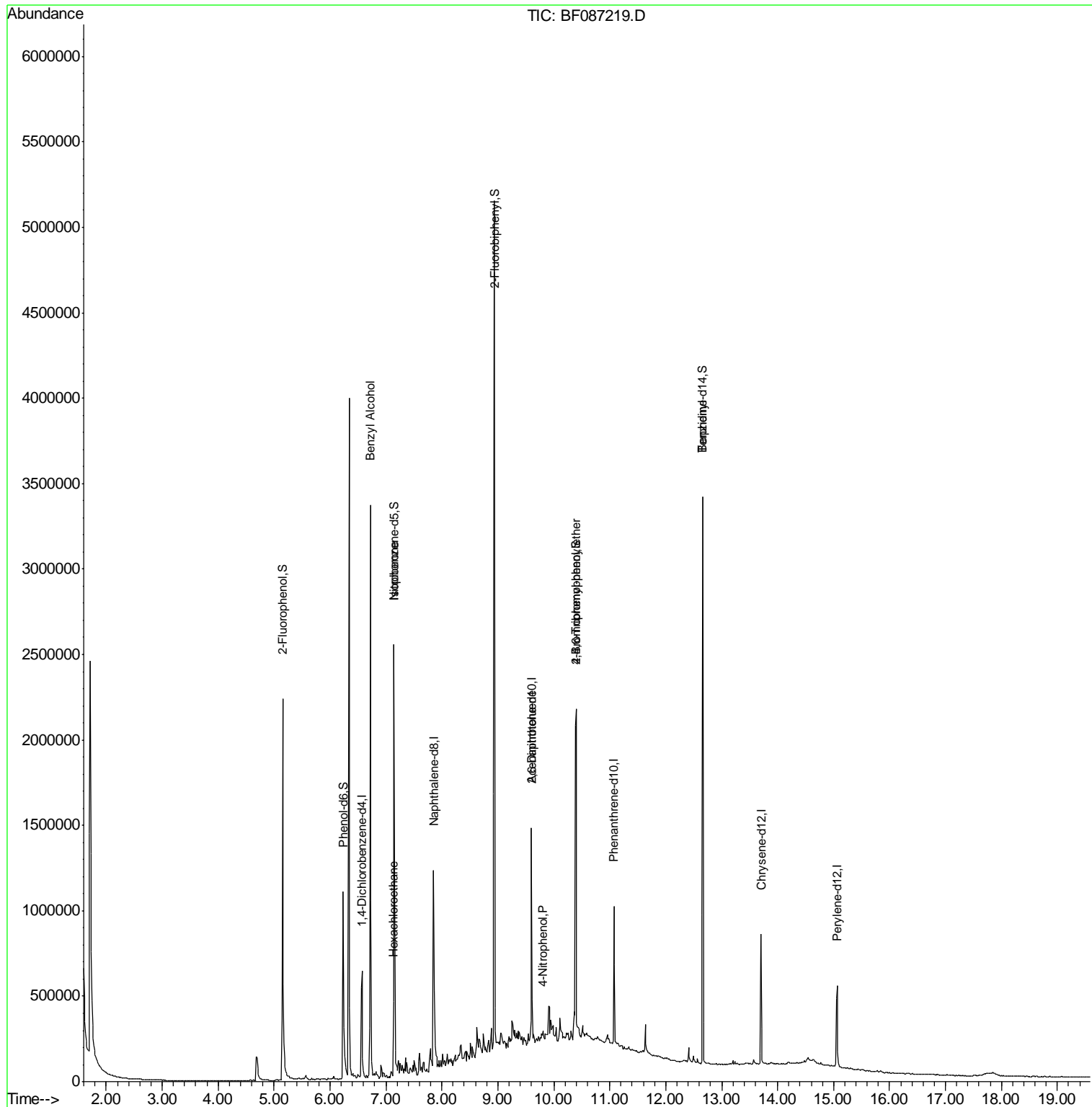
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	127665	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	509982	20.00	ng	-0.05
38) Acenaphthene-d10	9.60	164	223517	20.00	ng	-0.05
63) Phenanthrene-d10	11.07	188	350255	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	253922	20.00	ng	-0.06
86) Perylene-d12	15.06	264	241683	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	637901	83.99	ng	-0.05
7) Phenol-d6	6.24	99	545668	53.57	ng	-0.05
23) Nitrobenzene-d5	7.14	82	916056	89.52	ng	-0.05
41) 2,4,6-Tribromophenol	10.40	330	368315	149.12	ng	-0.05
44) 2-Fluorobiphenyl	8.94	172	1428318	105.83	ng	-0.05
78) Terphenyl-d14	12.66	244	944045	84.10	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.24	77	1202	Below Cal	#	4
15) Benzyl Alcohol	6.72	79	17468	2.30	ng	42
18) Hexachloroethane	7.13	117	12840	3.34	ng	6
25) Isophorone	7.14	82	816411	43.58	ng	68
50) 2,6-Dinitrotoluene	9.60	165	30189	8.15	ng	24
55) 4-Nitrophenol	9.80	139	3525	2.99	ng	1
66) 4-Bromophenyl-phenylether	10.40	248	21095	5.86	ng	1
76) Benzidine	12.66	184	16039	2.63	ng	93

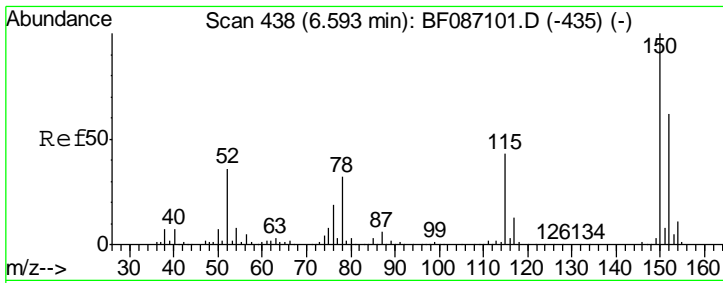
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051916\  
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 BNA\_F  
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 QLast Update : Tue May 17 16:55:01 2016  
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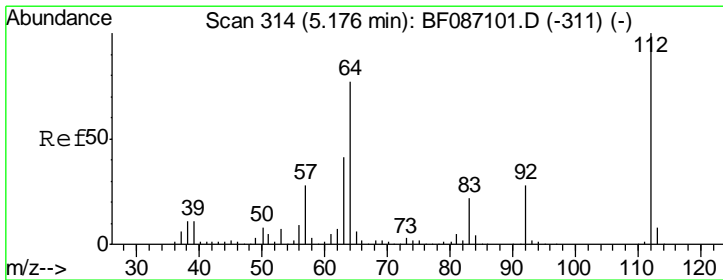
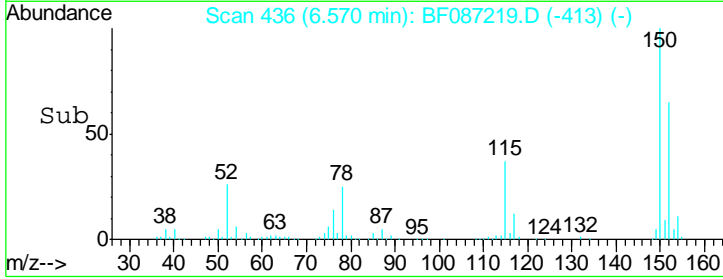
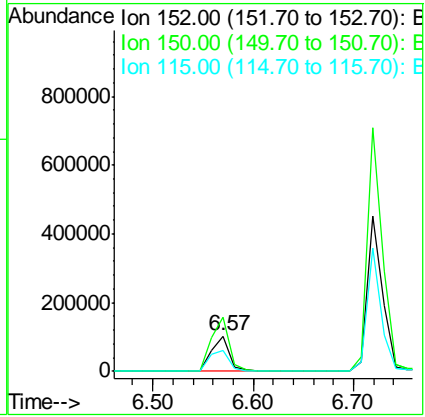
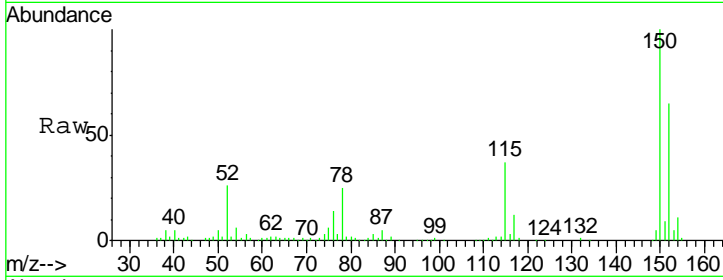




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.57 min Scan# 436  
 Delta R.T. -0.03 min  
 Lab File: BF087219.D  
 Acq: 20 May 2016 8:34

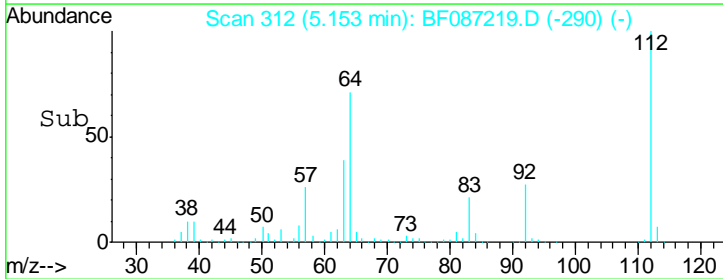
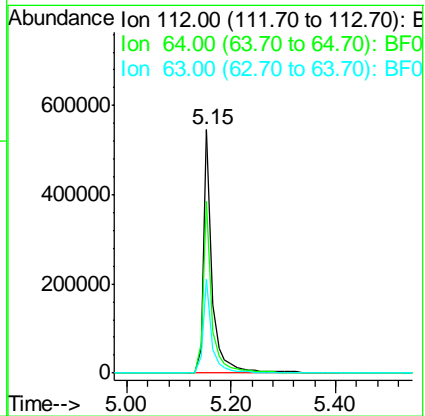
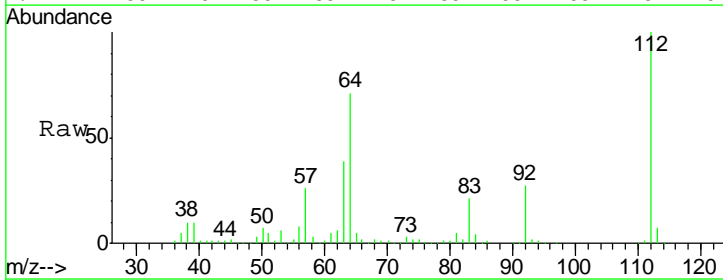
Instrument :  
 BNA\_F  
 ClientSampled :

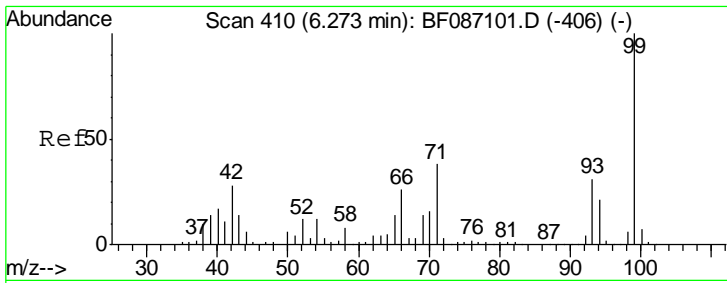
Tgt Ion	Resp	Lower	Upper
152	127665		
150	153.6	125.8	188.6
115	57.6	51.5	77.3



#5  
 2-Fluorophenol  
 Concen: 83.99 ng  
 RT: 5.15 min Scan# 312  
 Delta R.T. -0.05 min  
 Lab File: BF087219.D  
 Acq: 20 May 2016 8:34

Tgt Ion	Resp	Lower	Upper
112	637901		
64	70.8	52.1	78.1
63	38.7	25.7	38.5#

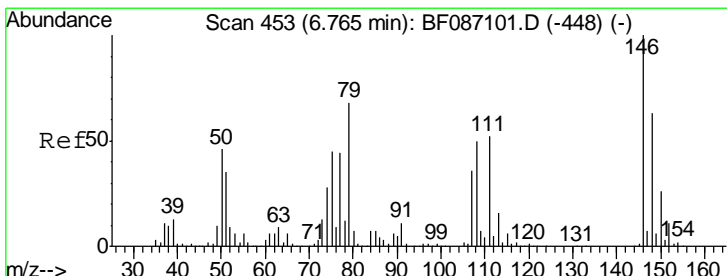
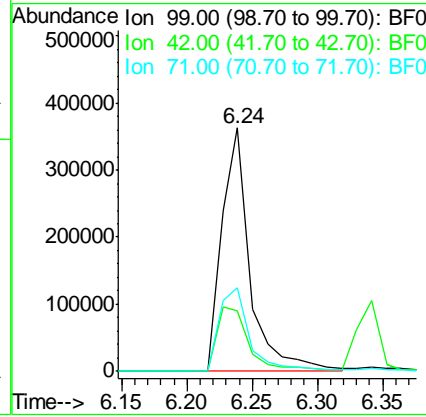
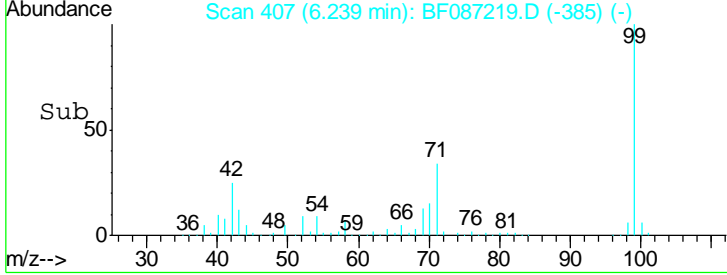
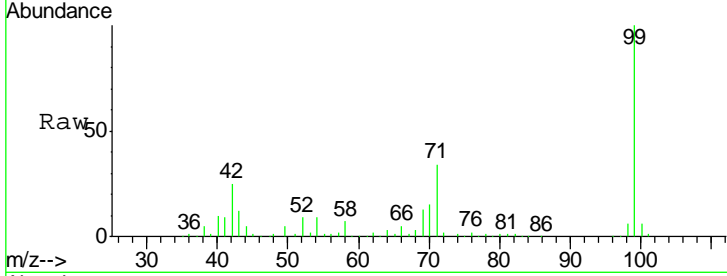




#7  
 Phenol-d6  
 Concen: 53.57 ng  
 RT: 6.24 min Scan# 407  
 Delta R.T. -0.05 min  
 Lab File: BF087219.D  
 Acq: 20 May 2016 8:34

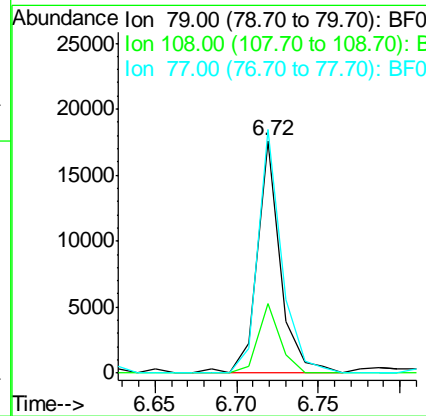
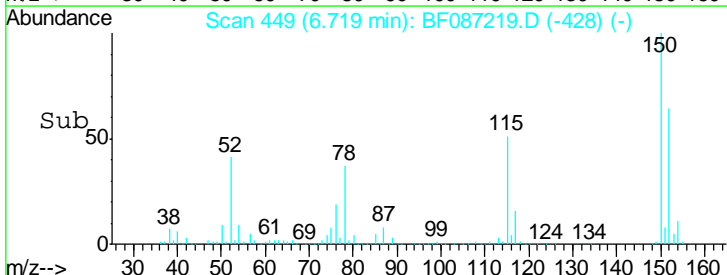
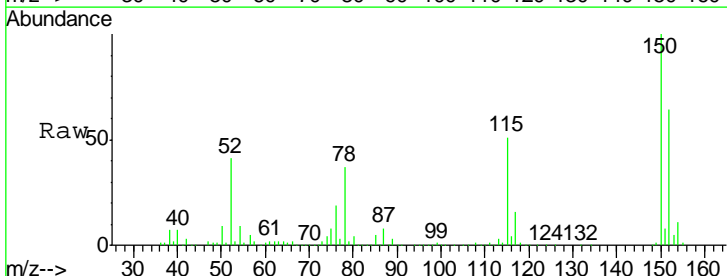
Instrument :  
 BNA\_F  
 ClientSampled :

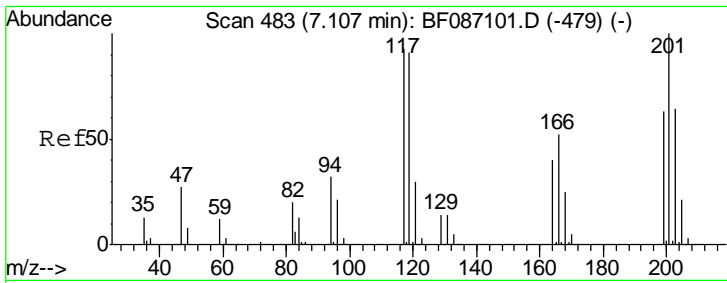
Tgt Ion	Resp	Lower	Upper
99	545668		
42	24.7	13.6	20.4#
71	34.3	24.6	36.8



#15  
 Benzyl Alcohol  
 Concen: 2.30 ng  
 RT: 6.72 min Scan# 449  
 Delta R.T. -0.06 min  
 Lab File: BF087219.D  
 Acq: 20 May 2016 8:34

Tgt Ion	Resp	Lower	Upper
79	17468		
108	29.9	68.4	102.6#
77	104.8	50.6	76.0#

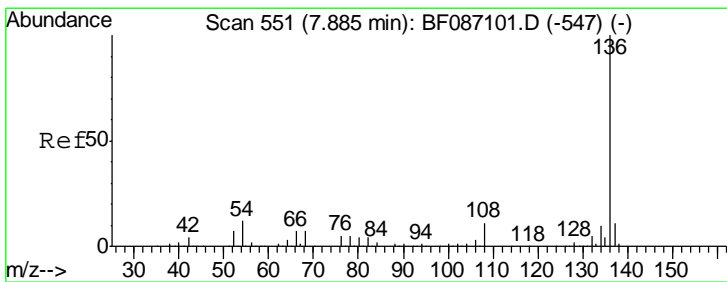
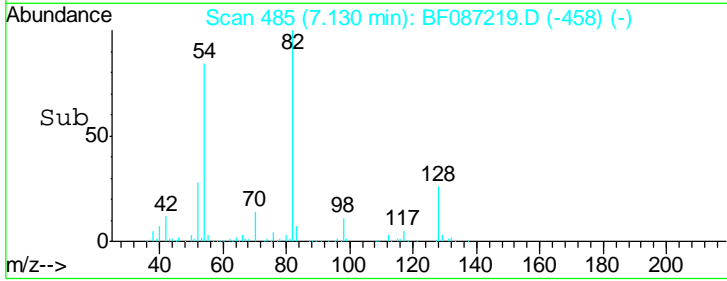
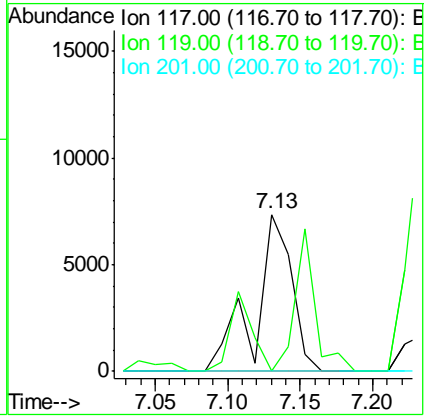
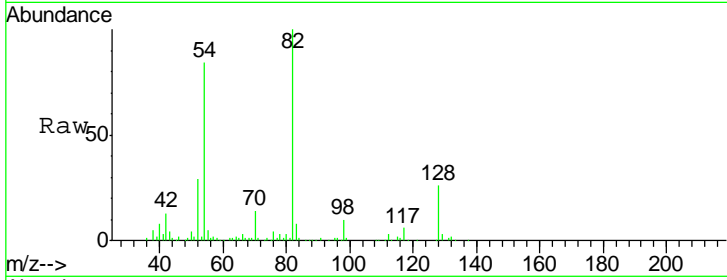




#18  
 Hexachloroethane  
 Concen: 3.34 ng  
 RT: 7.13 min Scan# 485  
 Delta R.T. 0.01 min  
 Lab File: BF087219.D  
 Acq: 20 May 2016 8:34

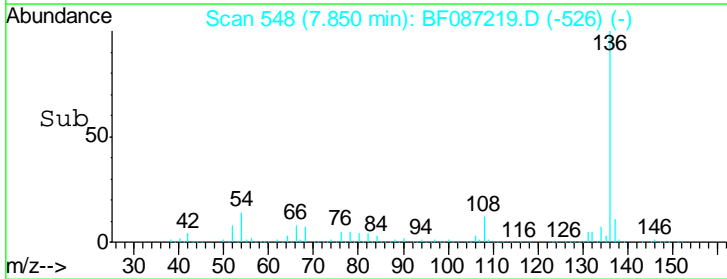
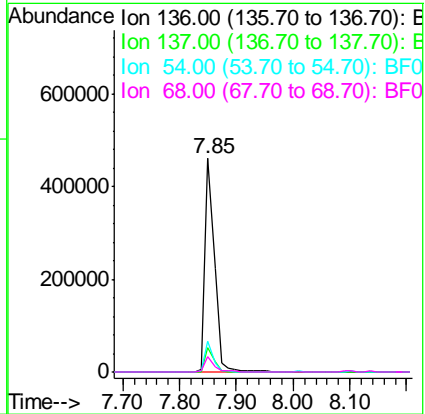
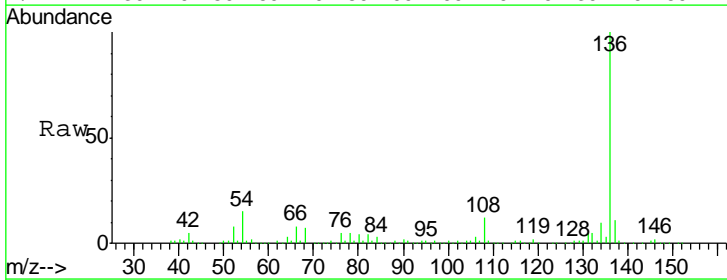
Instrument :  
 BNA\_F  
 ClientSampled :

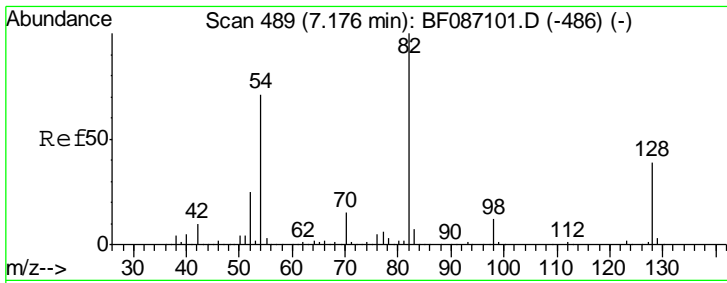
Tgt Ion	Resp	Lower	Upper
117	12840		
119	0.0	76.5	114.7#
201	0.0	63.0	94.6#



#21  
 Naphthalene-d8  
 Concen: 20.00 ng  
 RT: 7.85 min Scan# 548  
 Delta R.T. -0.05 min  
 Lab File: BF087219.D  
 Acq: 20 May 2016 8:34

Tgt Ion	Resp	Lower	Upper
136	509982		
137	11.2	8.8	13.2
54	14.6	5.0	7.4#
68	7.4	4.4	6.6#

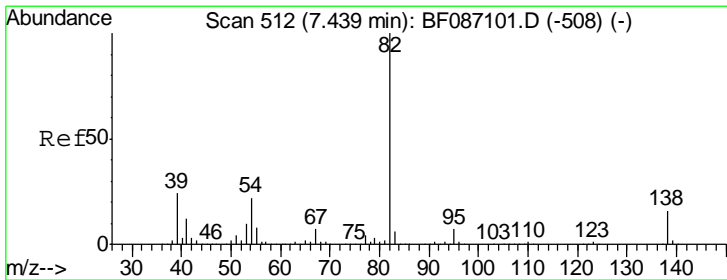
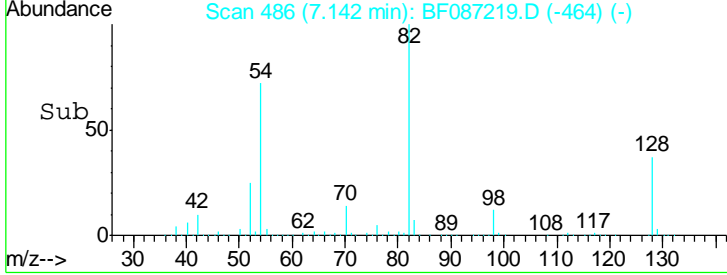
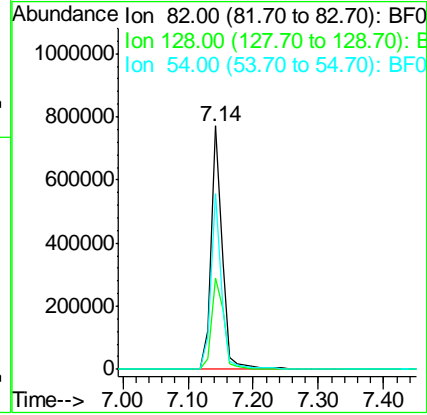
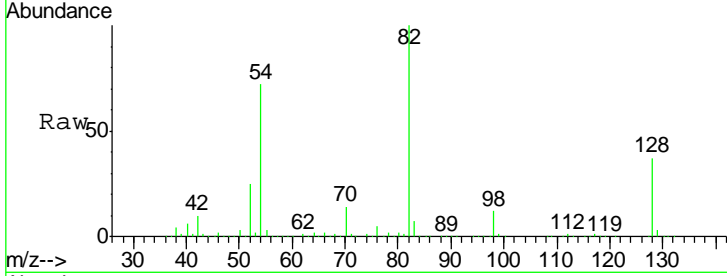




#23  
 Nitrobenzene-d5  
 Concen: 89.52 ng  
 RT: 7.14 min Scan# 486  
 Delta R.T. -0.05 min  
 Lab File: BF087219.D  
 Acq: 20 May 2016 8:34

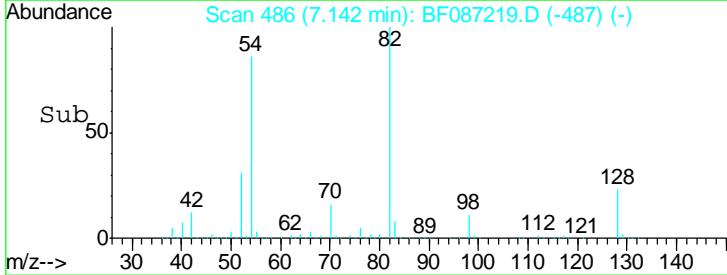
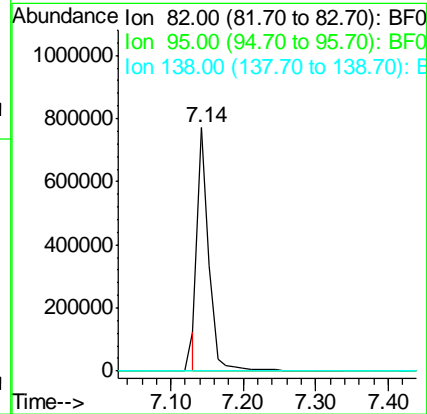
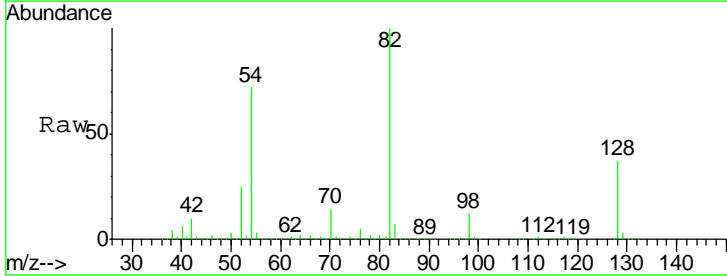
Instrument :  
 BNA\_F  
 ClientSampled :

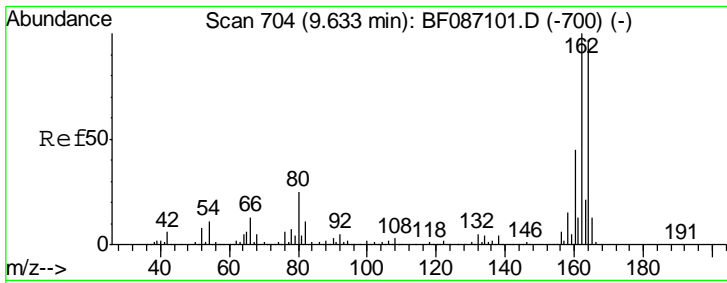
Tgt Ion	Resp	Lower	Upper
82	100		
128	37.4	40.6	61.0#
54	72.4	38.1	57.1#



#25  
 Isophorone  
 Concen: 43.58 ng  
 RT: 7.14 min Scan# 486  
 Delta R.T. -0.31 min  
 Lab File: BF087219.D  
 Acq: 20 May 2016 8:34

Tgt Ion	Resp	Lower	Upper
82	100		
95	0.1	5.1	7.7#
138	0.0	12.4	18.6#

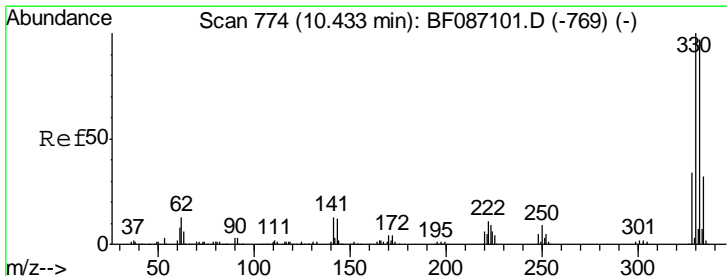
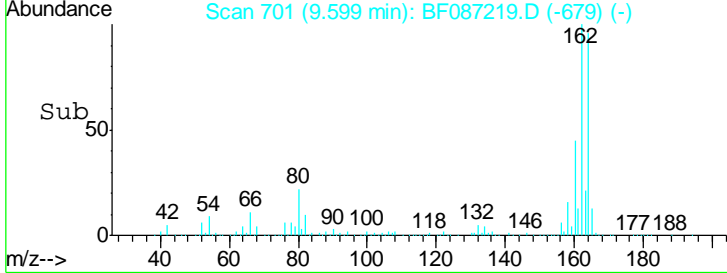
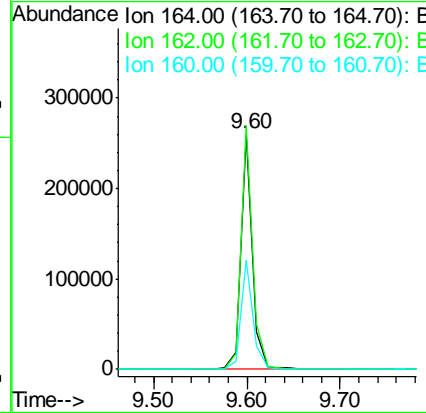
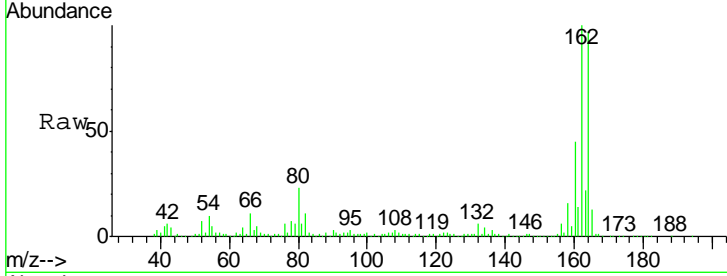




#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.60 min Scan# 701  
 Delta R.T. -0.05 min  
 Lab File: BF087219.D  
 Acq: 20 May 2016 8:34

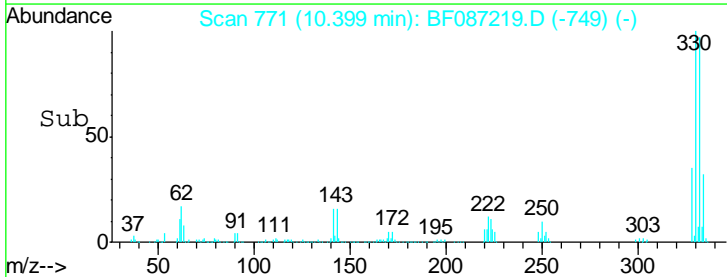
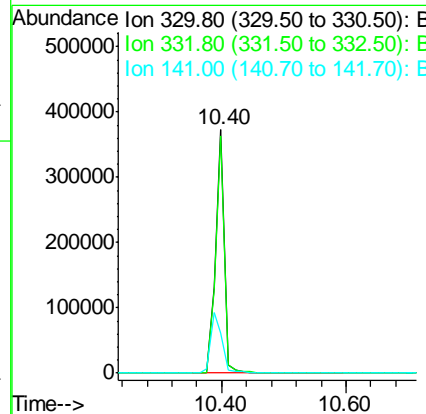
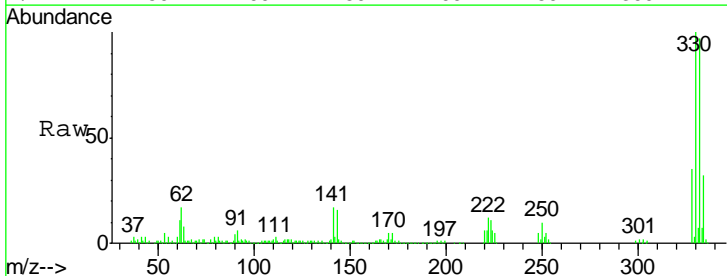
Instrument :  
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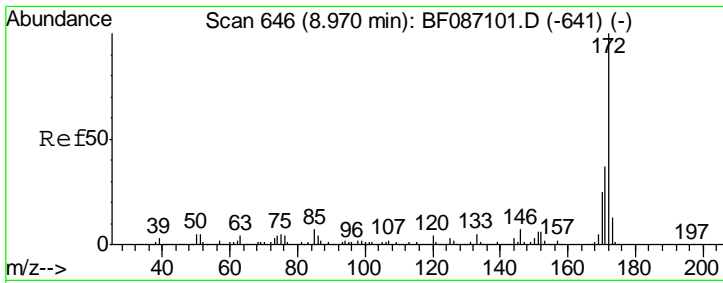
Tgt Ion	Resp	Lower	Upper
164	100		
162	103.6	82.8	124.2
160	46.5	36.9	55.3



#41  
 2,4,6-Tribromophenol  
 Concen: 149.12 ng  
 RT: 10.40 min Scan# 771  
 Delta R.T. -0.05 min  
 Lab File: BF087219.D  
 Acq: 20 May 2016 8:34

Tgt Ion	Resp	Lower	Upper
330	100		
332	97.0	79.0	118.4
141	31.0	31.2	46.8#



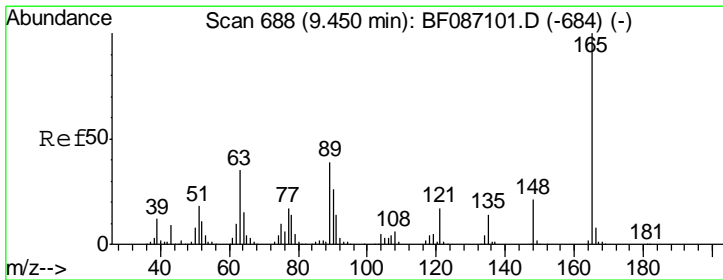
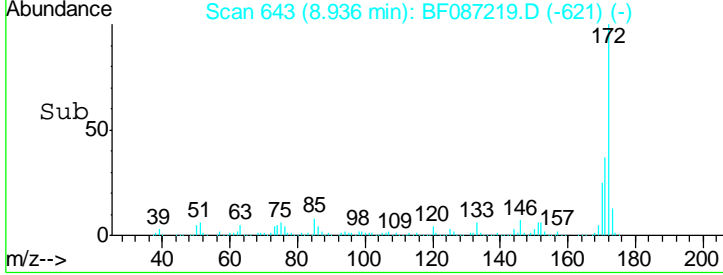
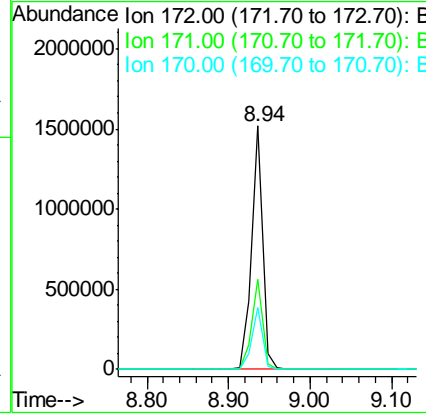
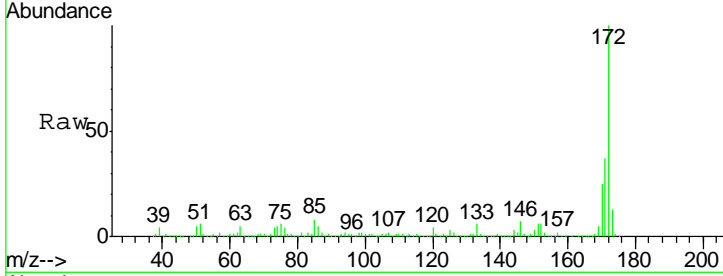


#44  
 2-Fluorobiphenyl  
 Concen: 105.83 ng  
 RT: 8.94 min Scan# 643  
 Delta R.T. -0.05 min  
 Lab File: BF087219.D  
 Acq: 20 May 2016 8:34

Instrument :  
 BNA\_F  
 ClientSampled :

Tgt Ion:172 Resp: 1428318

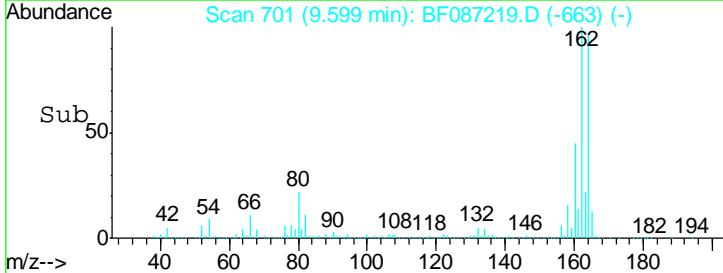
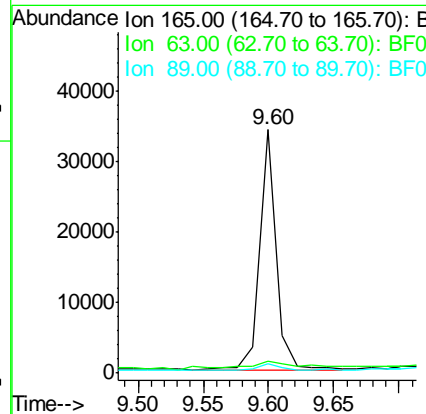
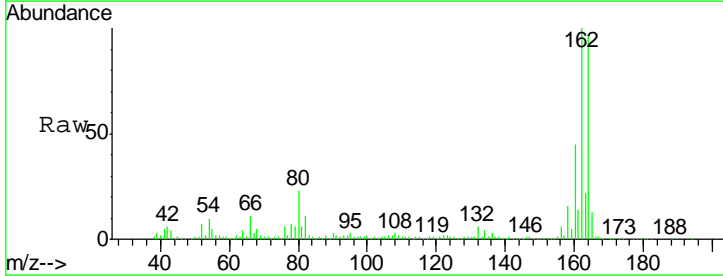
Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	25.2	19.8	29.8



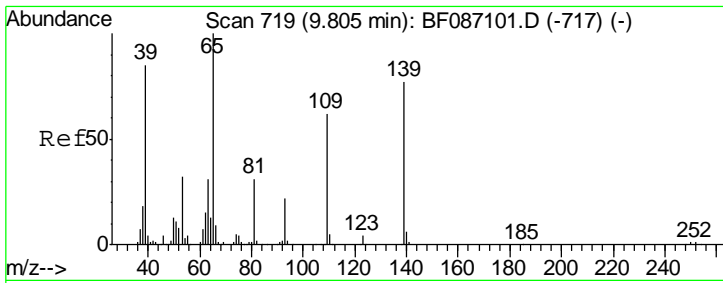
#50  
 2,6-Dinitrotoluene  
 Concen: 8.15 ng  
 RT: 9.60 min Scan# 701  
 Delta R.T. 0.14 min  
 Lab File: BF087219.D  
 Acq: 20 May 2016 8:34

Tgt Ion:165 Resp: 30189

Ion	Ratio	Lower	Upper
165	100		
63	4.7	51.8	77.8#
89	3.9	50.7	76.1#



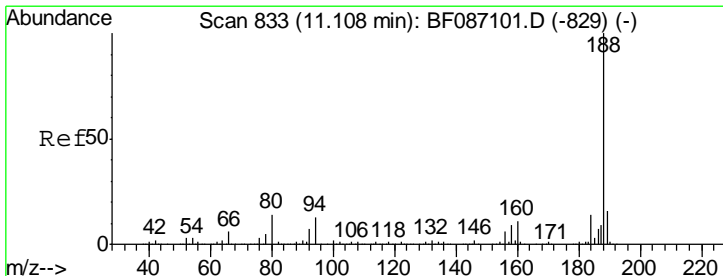
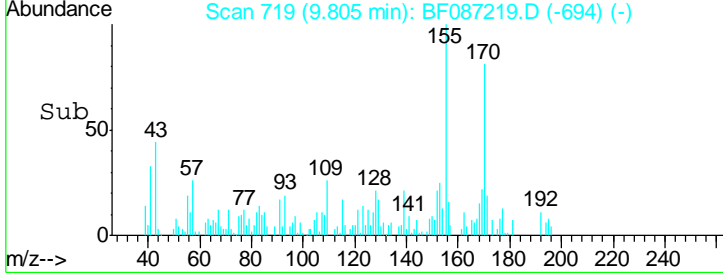
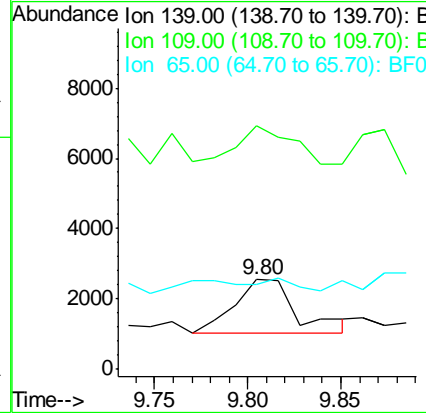
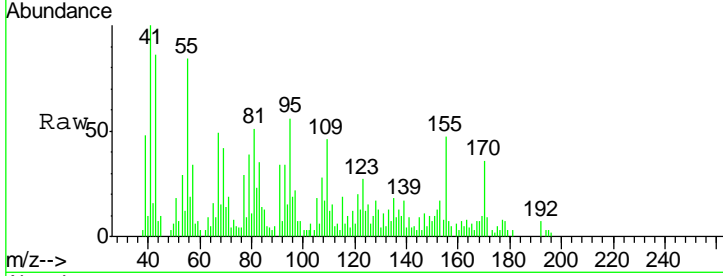




#55  
 4-Nitrophenol  
 Concen: 2.99 ng  
 RT: 9.80 min Scan# 719  
 Delta R.T. -0.01 min  
 Lab File: BF087219.D  
 Acq: 20 May 2016 8:34

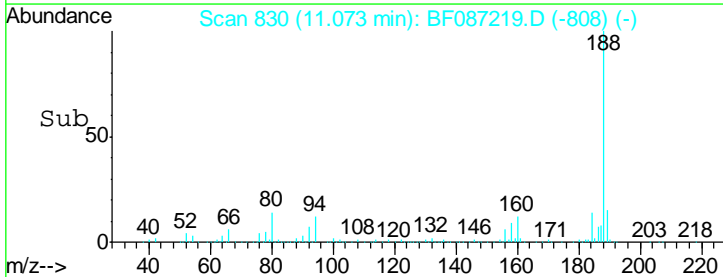
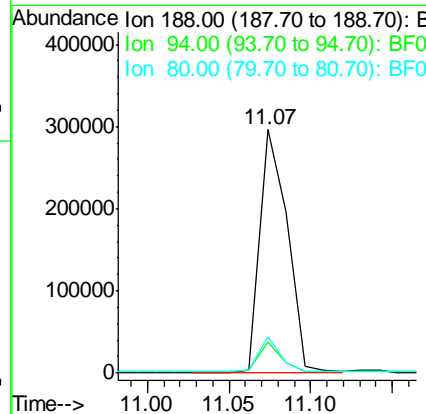
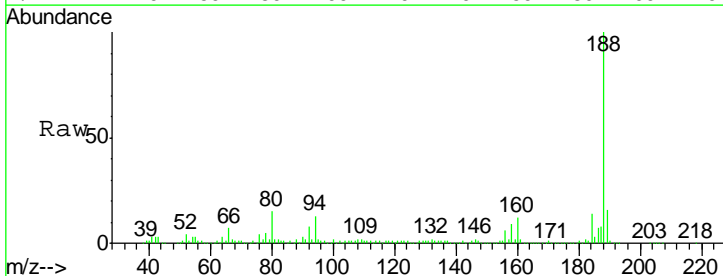
Instrument :  
 BNA\_F  
 ClientSampled :

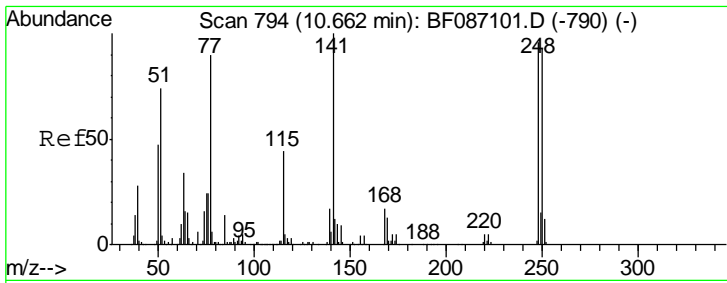
Tgt Ion	Resp	Lower	Upper
139	100		
109	272.1	36.9	76.9#
65	94.6	64.0	104.0



#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.07 min Scan# 830  
 Delta R.T. -0.05 min  
 Lab File: BF087219.D  
 Acq: 20 May 2016 8:34

Tgt Ion	Resp	Lower	Upper
188	100		
94	12.6	6.8	10.2#
80	14.9	7.1	10.7#

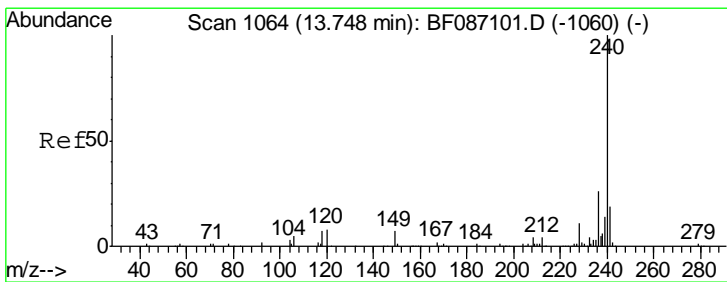
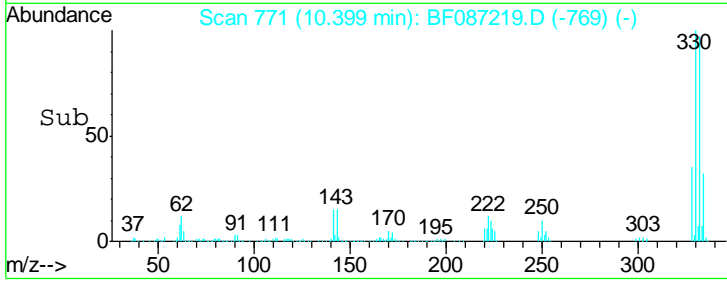
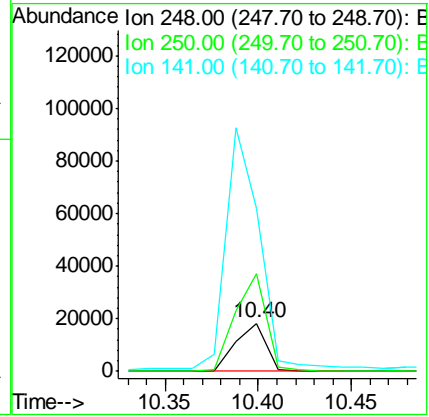
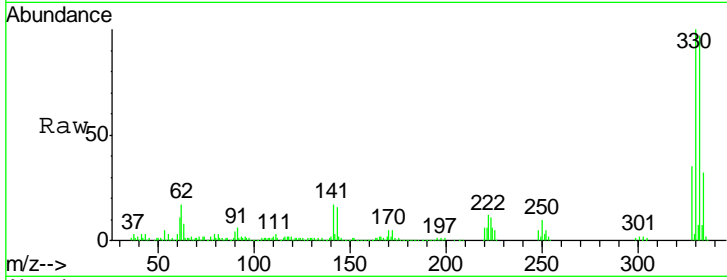




#66  
 4-Bromophenyl-phenylether  
 Concen: 5.86 ng  
 RT: 10.40 min Scan# 771  
 Delta R.T. -0.27 min  
 Lab File: BF087219.D  
 Acq: 20 May 2016 8:34

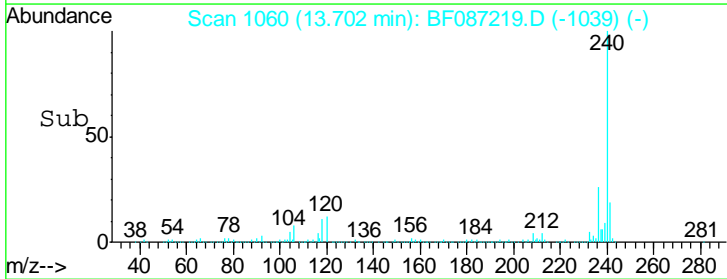
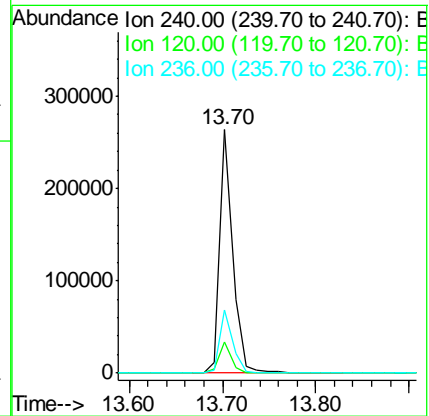
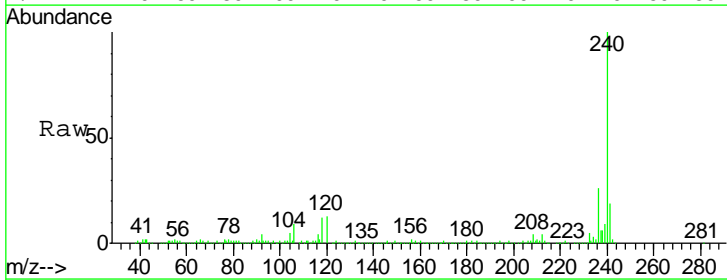
Instrument :  
 BNA\_F  
 ClientSampled :

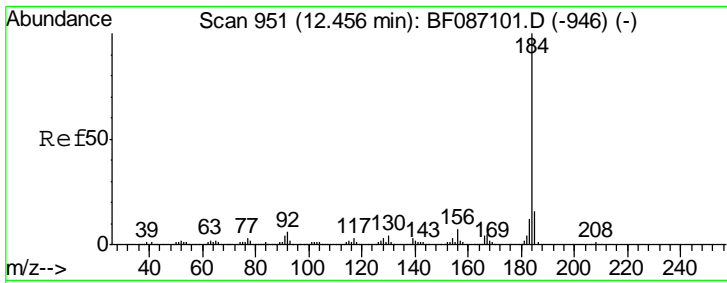
Tgt Ion	Resp	Lower	Upper
248	21095		
250	201.7	78.6	117.8#
141	338.2	76.0	114.0#



#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 13.70 min Scan# 1060  
 Delta R.T. -0.06 min  
 Lab File: BF087219.D  
 Acq: 20 May 2016 8:34

Tgt Ion	Resp	Lower	Upper
240	253922		
120	12.7	11.2	16.8
236	26.0	21.2	31.8

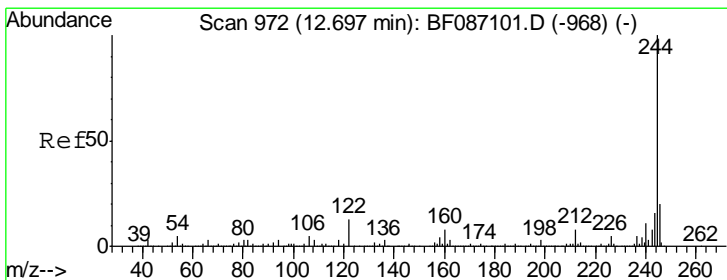
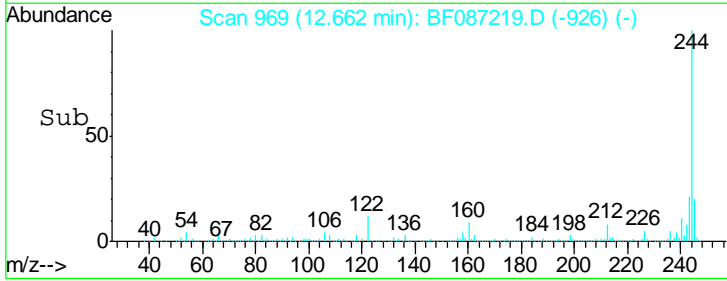
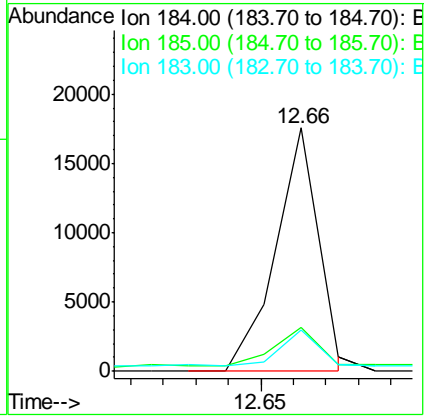
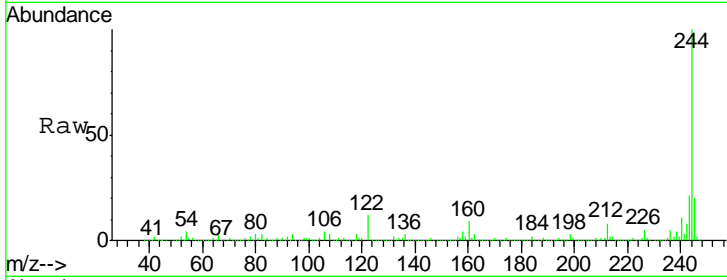




#76  
Benzidine  
Concen: 2.63 ng  
RT: 12.66 min Scan# 969  
Delta R.T. 0.20 min  
Lab File: BF087219.D  
Acq: 20 May 2016 8:34

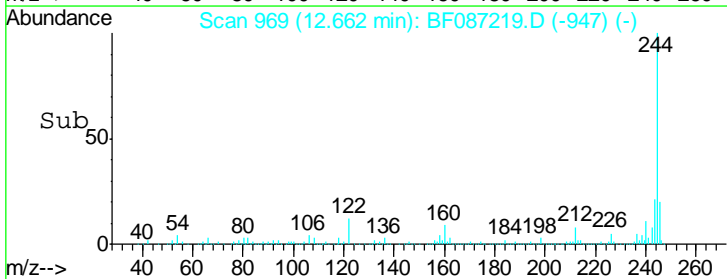
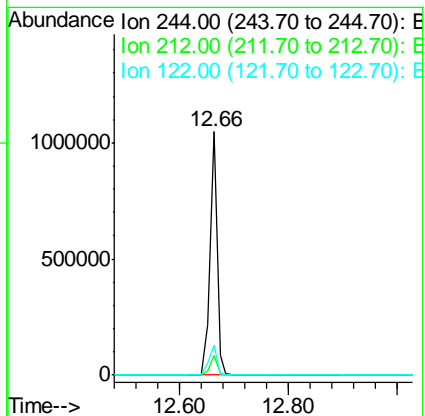
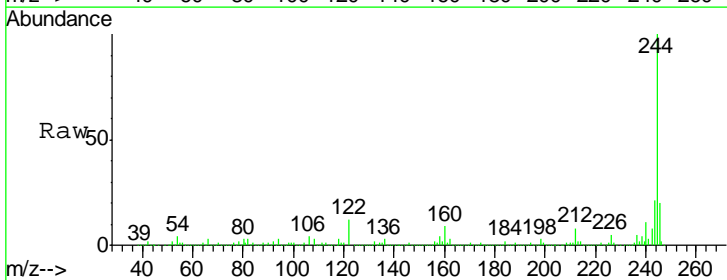
Instrument :  
BNA\_F  
ClientSampled :

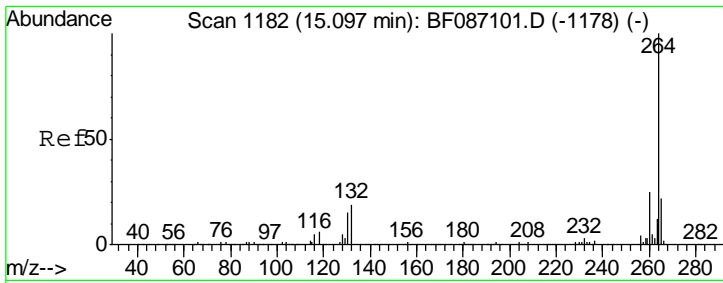
Tgt Ion	Resp	Lower	Upper
184	16039		
185	18.3	13.6	20.4
183	16.9	9.8	14.6



#78  
Terphenyl-d14  
Concen: 84.10 ng  
RT: 12.66 min Scan# 969  
Delta R.T. -0.05 min  
Lab File: BF087219.D  
Acq: 20 May 2016 8:34

Tgt Ion	Resp	Lower	Upper
244	944045		
212	8.0	6.2	9.2
122	12.3	12.0	18.0





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.06 min Scan# 1179  
 Delta R.T. -0.05 min  
 Lab File: BF087219.D  
 Acq: 20 May 2016 8:34

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion: 264 Resp: 241683

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.5	29.3
265	21.8	17.3	25.9

