

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112014\
 Data File : BF075734.D
 Acq On : 21 Nov 2014 4:38
 Operator : TP / JJ
 Sample : F4777-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01-11-14-14

Quant Time: Nov 21 06:54:11 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111914.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 18:09:59 2014
 Response via : Initial Calibration

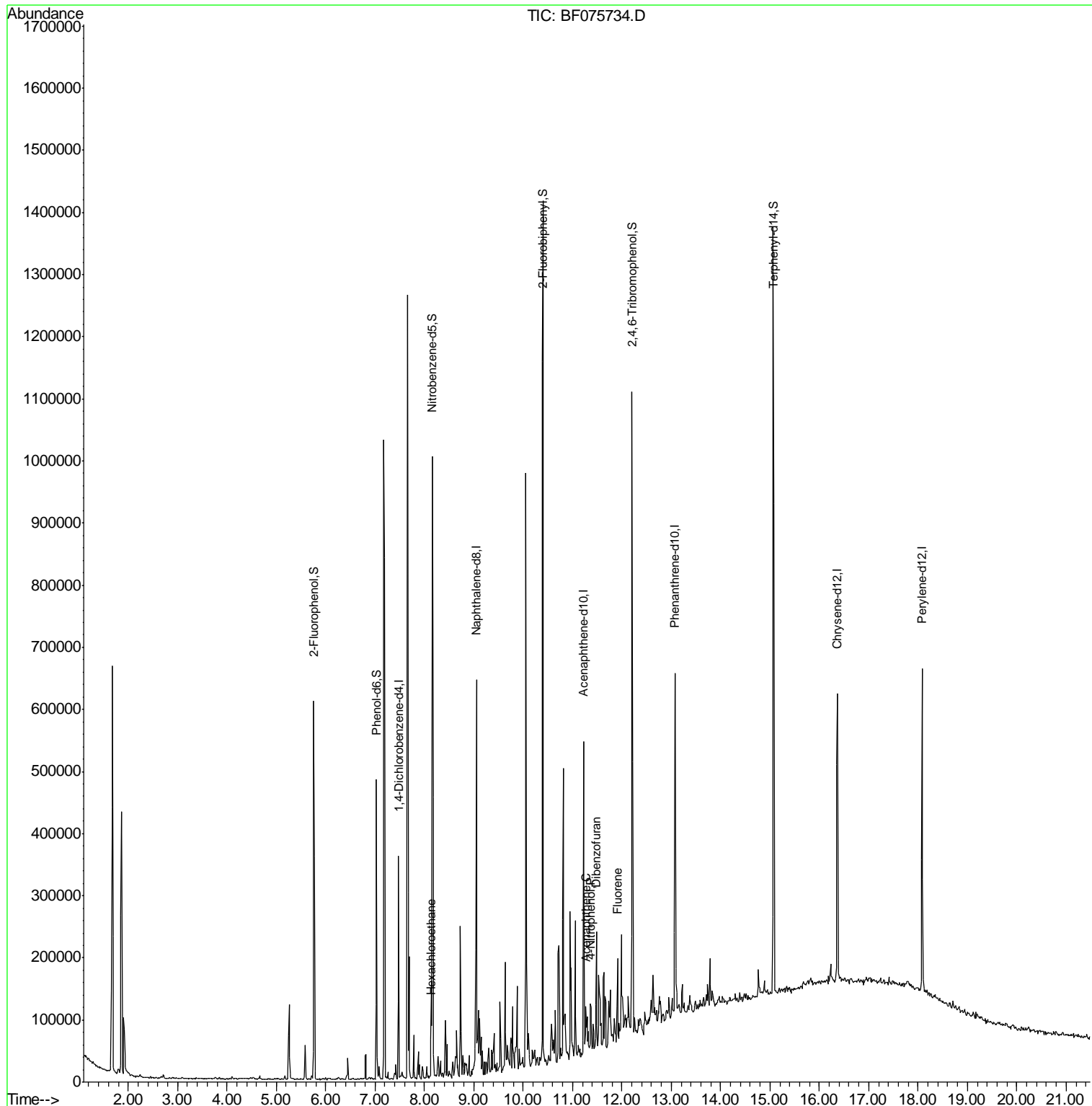
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	58332	20.00	ng	-0.01
21) Naphthalene-d8	9.05	136	240924	20.00	ng	-0.01
38) Acenaphthene-d10	11.23	164	121297	20.00	ng	-0.02
63) Phenanthrene-d10	13.08	188	197773	20.00	ng	-0.01
75) Chrysene-d12	16.37	240	225157	20.00	ng	-0.02
86) Perylene-d12	18.08	264	233903	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	211777	56.40	ng	-0.02
7) Phenol-d6	7.03	99	164449	36.02	ng	-0.01
23) Nitrobenzene-d5	8.16	82	325020	82.81	ng	-0.01
41) 2,4,6-Tribromophenol	12.21	330	135140	136.65	ng	-0.02
44) 2-Fluorobiphenyl	10.40	172	628308	81.09	ng	-0.01
78) Terphenyl-d14	15.07	244	521699	57.96	ng	-0.02
Target Compounds						
18) Hexachloroethane	8.13	117	12442	7.88	ng	# 58
51) Acenaphthene	11.27	154	15538	2.24	ng	99
54) Dibenzofuran	11.49	168	20890	2.06	ng	# 83
55) 4-Nitrophenol	11.36	139	3686	2.06	ng	# 47
57) Fluorene	11.91	166	28198	3.45	ng	# 95
76) Benzidine	14.71	184	1248	Below Cal		# 1

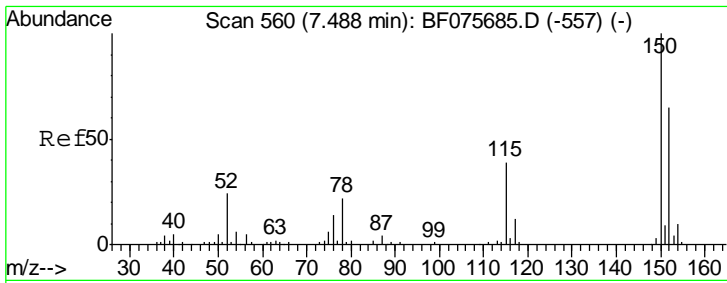
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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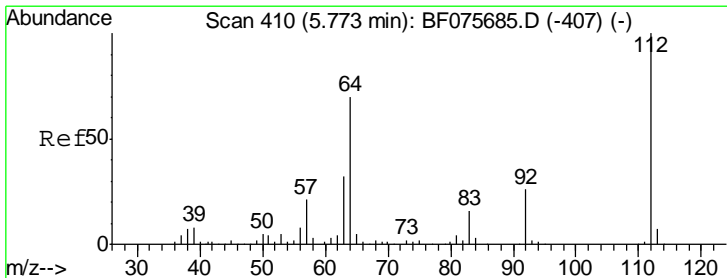
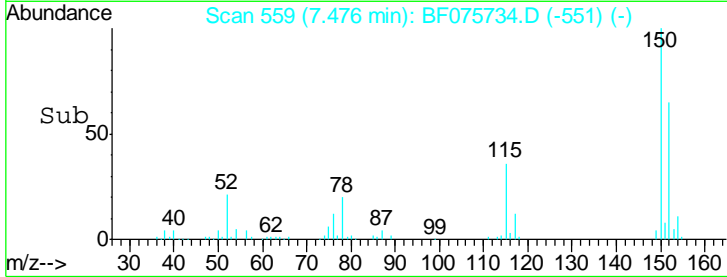
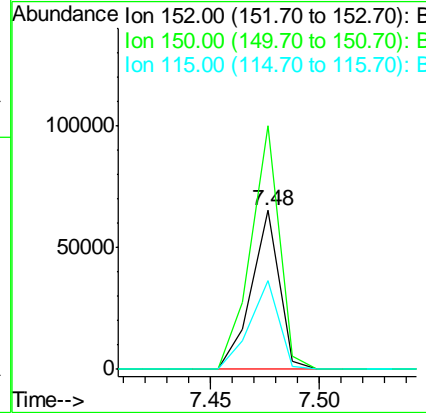
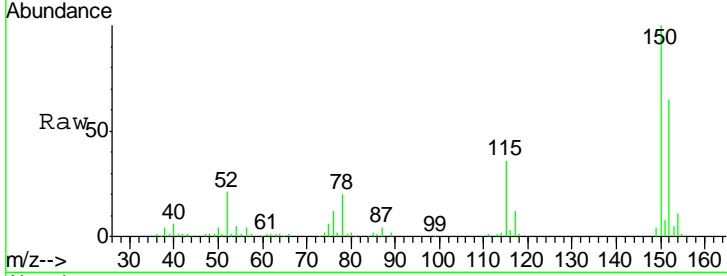


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.48 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF075734.D
 Acq: 21 Nov 2014 4:38

Instrument :
 BNA_F
 ClientSampleId :
 MW-01-11-14-14

Tgt Ion:152 Resp: 58332

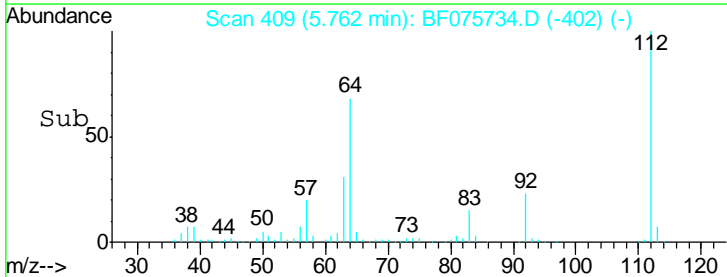
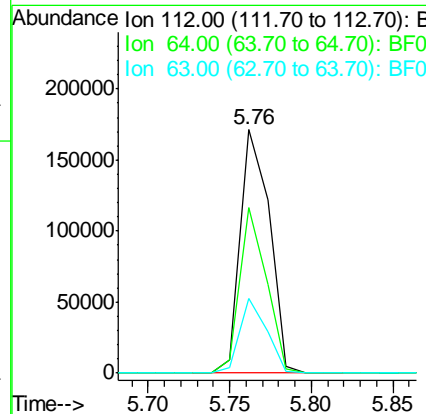
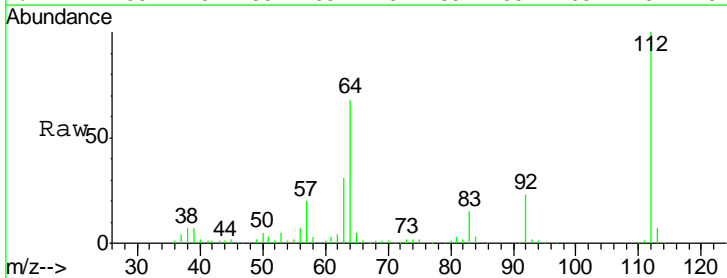
Ion	Ratio	Lower	Upper
152	100		
150	153.4	127.2	190.8
115	55.9	57.1	85.7#

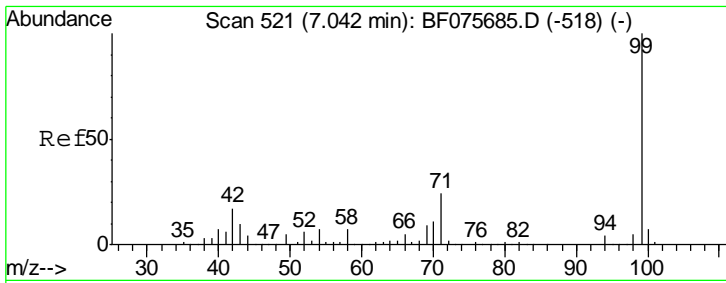


#5
 2-Fluorophenol
 Concen: 56.40 ng
 RT: 5.76 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BF075734.D
 Acq: 21 Nov 2014 4:38

Tgt Ion:112 Resp: 211777

Ion	Ratio	Lower	Upper
112	100		
64	68.1	45.8	68.6
63	30.6	22.7	34.1

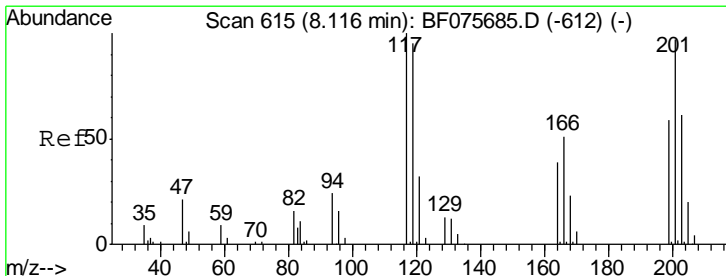
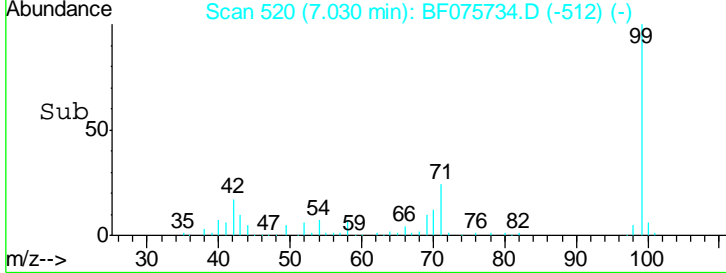
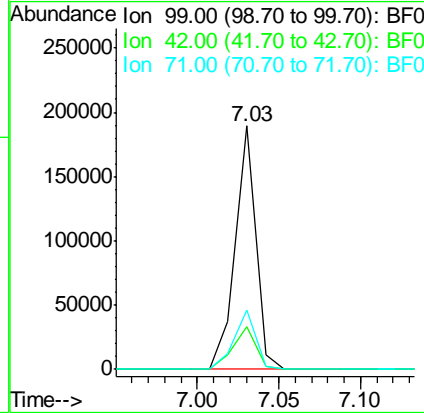
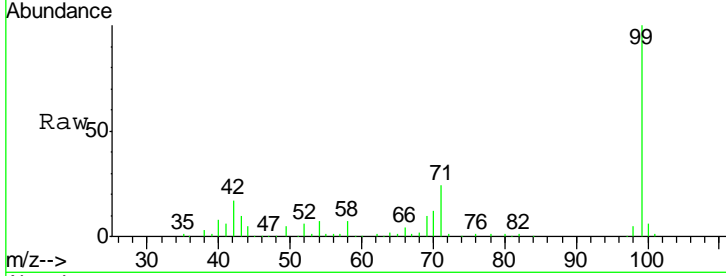




#7
 Phenol-d6
 Concen: 36.02 ng
 RT: 7.03 min Scan# 520
 Delta R.T. -0.01 min
 Lab File: BF075734.D
 Acq: 21 Nov 2014 4:38

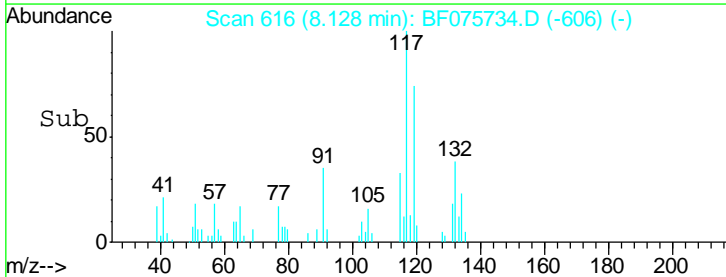
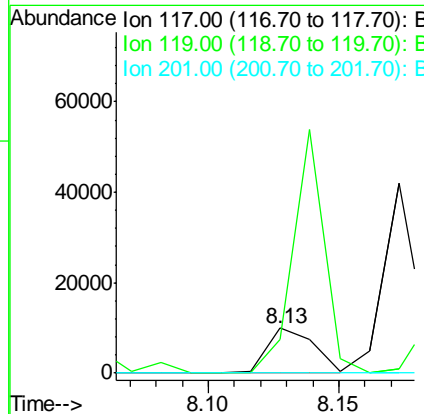
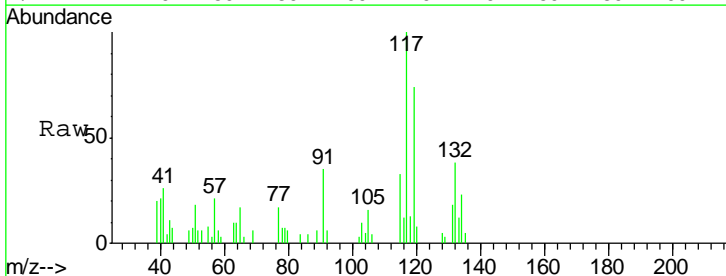
Instrument :
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 ClientSampleId :
 MW-01-11-14-14

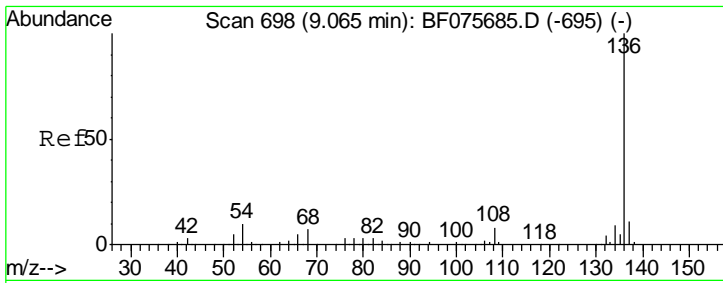
Tgt Ion	Resp	Lower	Upper
99	164449		
42	17.5	19.8	29.6#
71	24.3	25.5	38.3#



#18
 Hexachloroethane
 Concen: 7.88 ng
 RT: 8.13 min Scan# 616
 Delta R.T. 0.01 min
 Lab File: BF075734.D
 Acq: 21 Nov 2014 4:38

Tgt Ion	Resp	Lower	Upper
117	12442		
119	74.2	72.9	109.3
201	0.0	48.2	72.4#



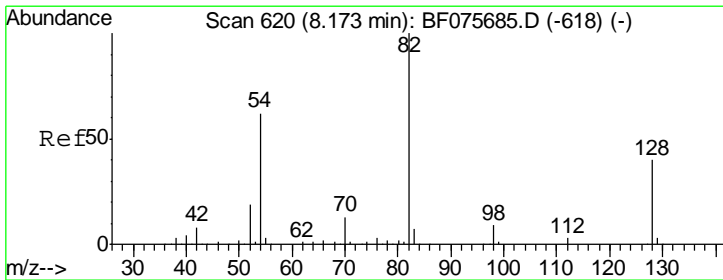
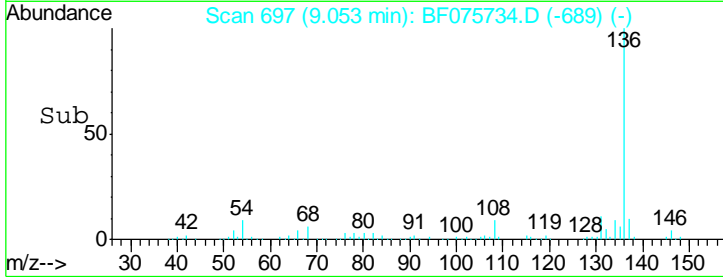
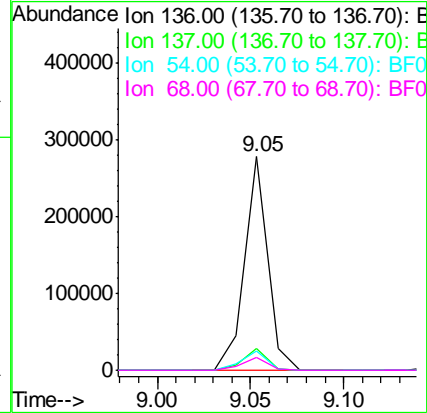
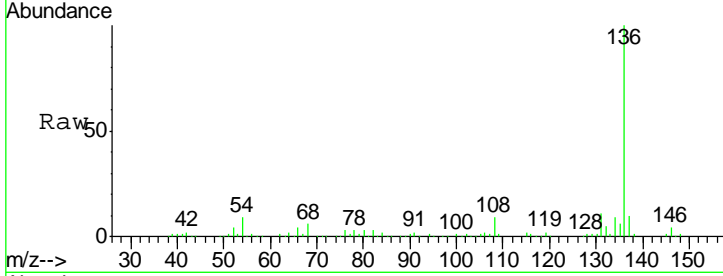


#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 9.05 min Scan# 697
 Delta R.T. -0.01 min
 Lab File: BF075734.D
 Acq: 21 Nov 2014 4:38

Instrument :
 BNA_F
 ClientSampleId :
 MW-01-11-14-14

Tgt Ion: 136 Resp: 240924

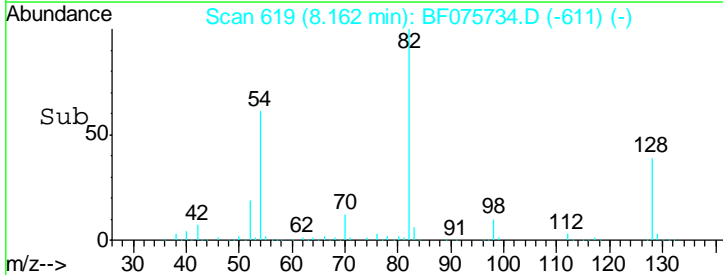
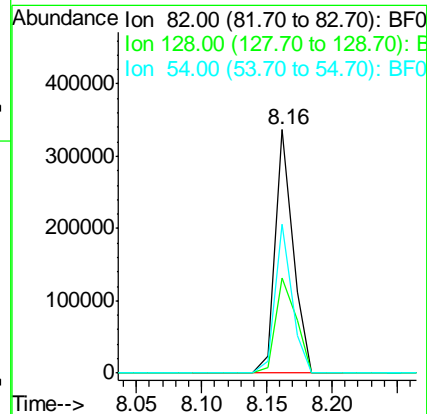
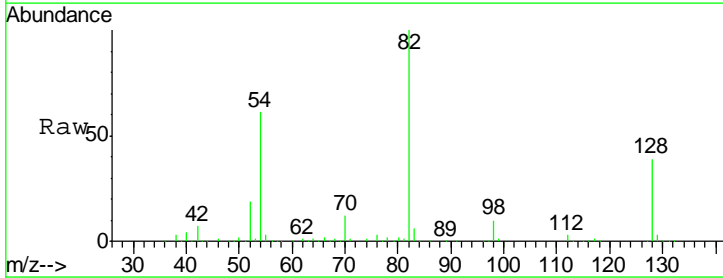
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	9.1	6.2	9.4
68	6.1	3.4	5.2

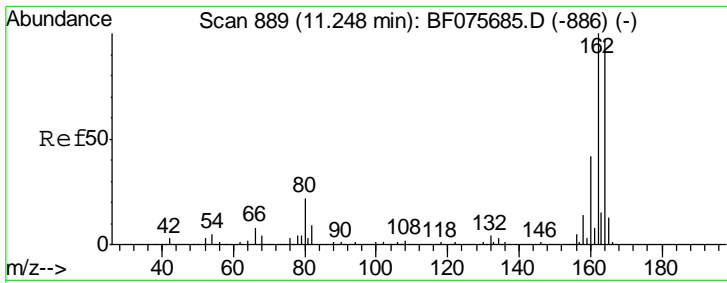


#23
 Nitrobenzene-d5
 Concen: 82.81 ng
 RT: 8.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF075734.D
 Acq: 21 Nov 2014 4:38

Tgt Ion: 82 Resp: 325020

Ion	Ratio	Lower	Upper
82	100		
128	39.2	37.8	56.6
54	61.4	49.8	74.8

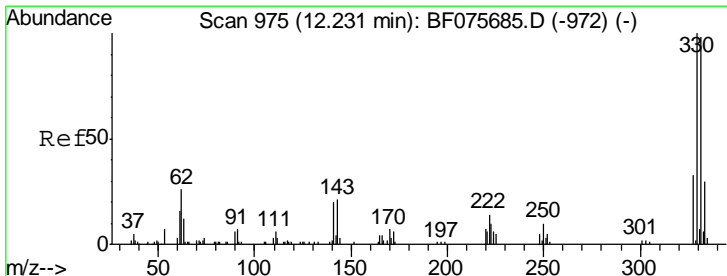
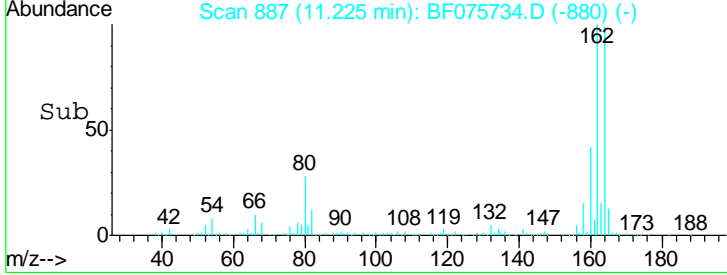
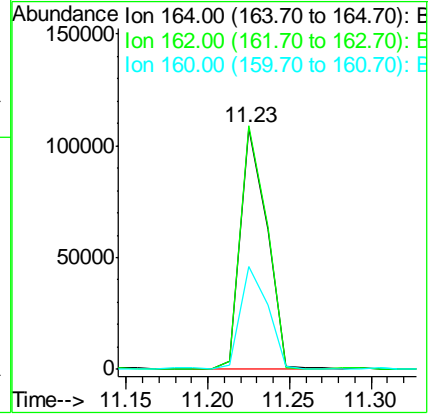
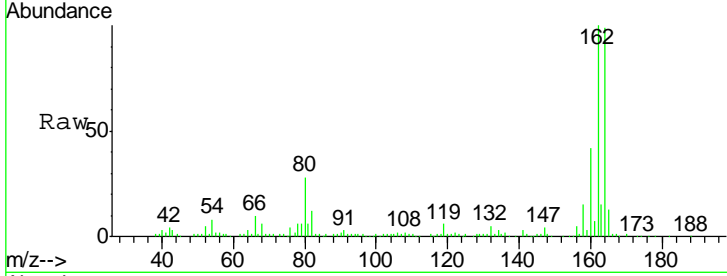




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF075734.D
 Acq: 21 Nov 2014 4:38

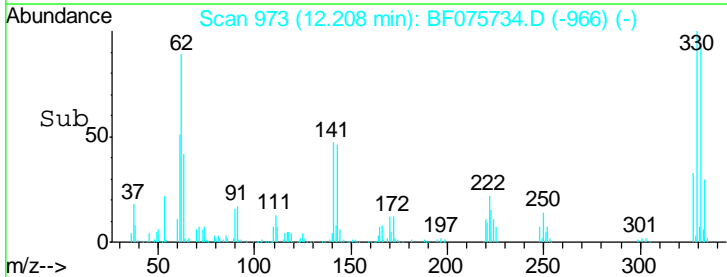
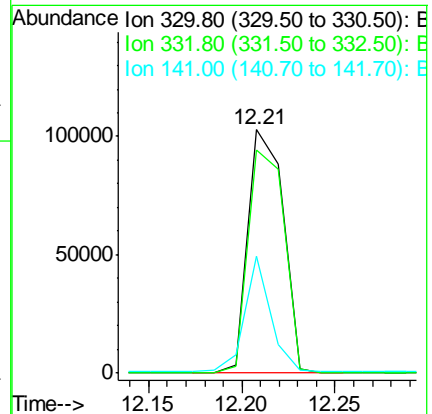
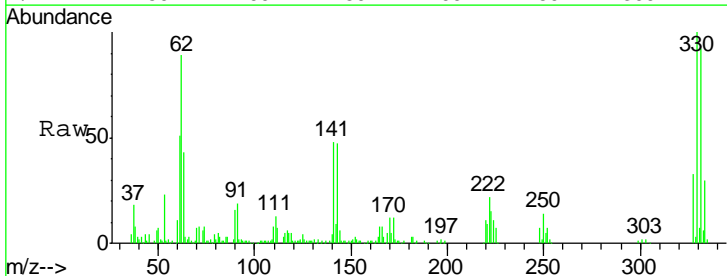
Instrument :
 BNA_F
 ClientSampleId :
 MW-01-11-14-14

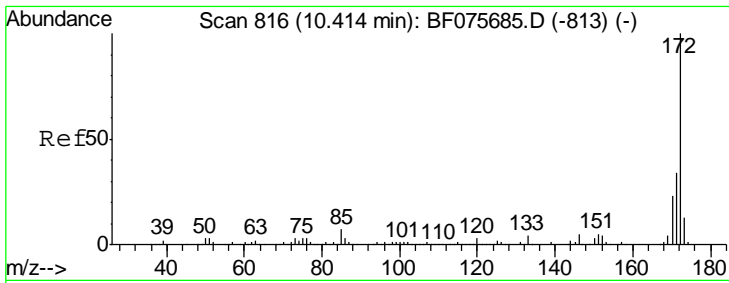
Tgt Ion	Resp	Lower	Upper
164	100		
162	101.0	79.1	118.7
160	42.4	34.6	51.8



#41
 2,4,6-Tribromophenol
 Concen: 136.65 ng
 RT: 12.21 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BF075734.D
 Acq: 21 Nov 2014 4:38

Tgt Ion	Resp	Lower	Upper
330	100		
332	94.3	74.5	111.7
141	35.2	30.7	46.1

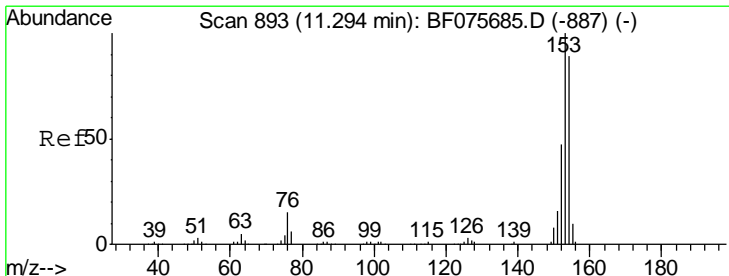
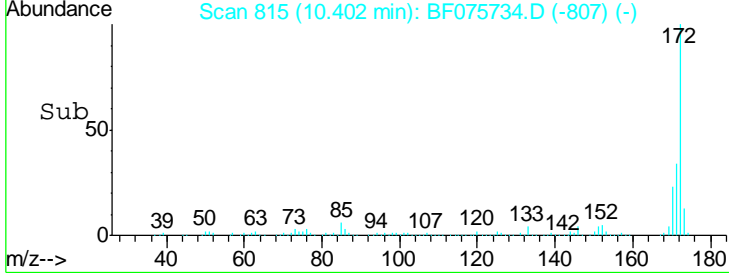
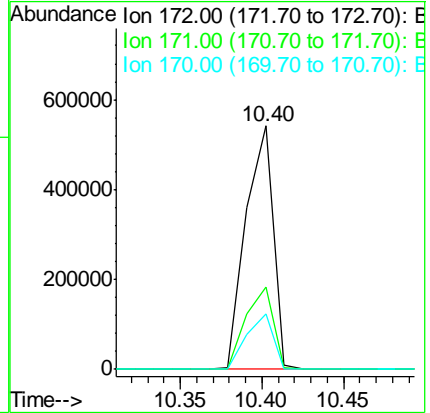
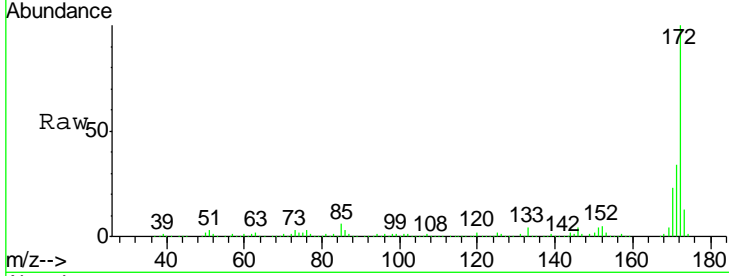




#44
 2-Fluorobiphenyl
 Concen: 81.09 ng
 RT: 10.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF075734.D
 Acq: 21 Nov 2014 4:38

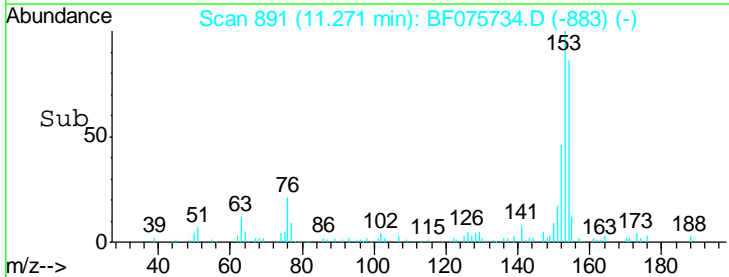
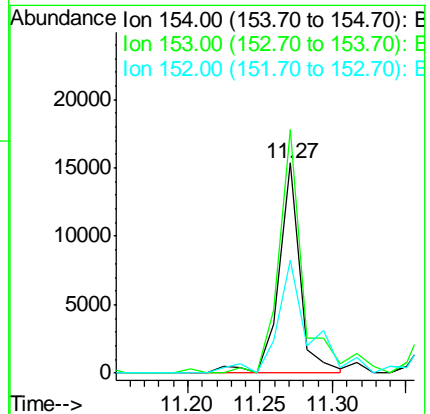
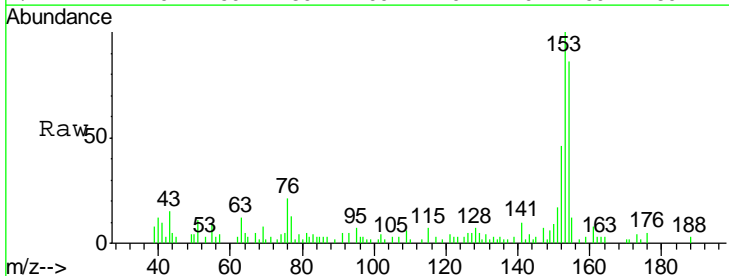
Instrument :
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 ClientSampleId :
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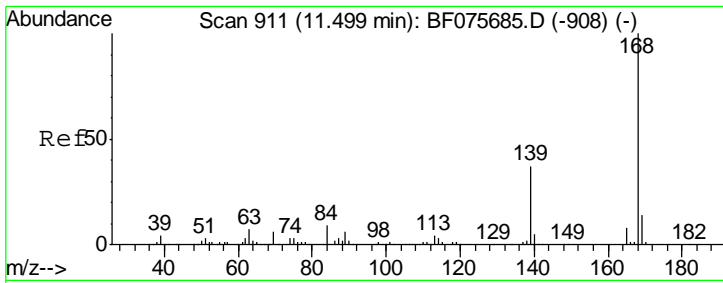
Tgt Ion	Resp	Lower	Upper
172	100		
171	34.0	27.3	40.9
170	22.9	18.4	27.6



#51
 Acenaphthene
 Concen: 2.24 ng
 RT: 11.27 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF075734.D
 Acq: 21 Nov 2014 4:38

Tgt Ion	Resp	Lower	Upper
154	100		
153	115.8	91.2	136.8
152	53.6	43.4	65.0

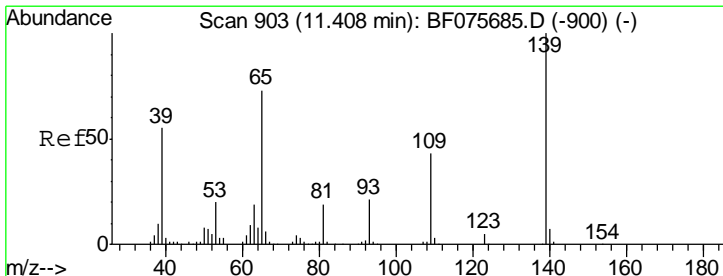
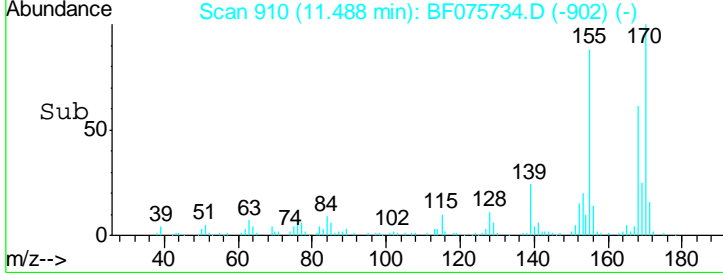
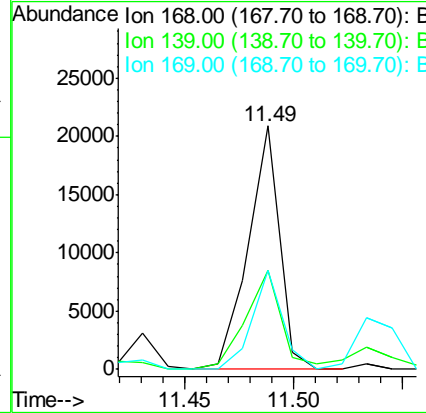
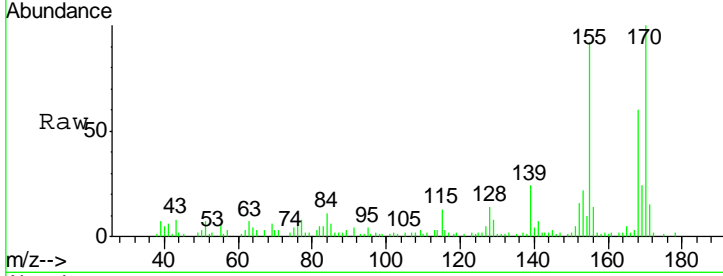




#54
 Dibenzofuran
 Concen: 2.06 ng
 RT: 11.49 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF075734.D
 Acq: 21 Nov 2014 4:38

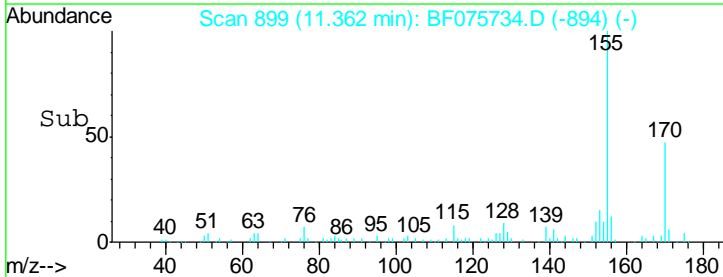
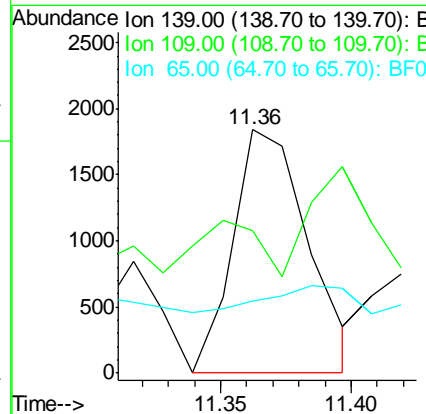
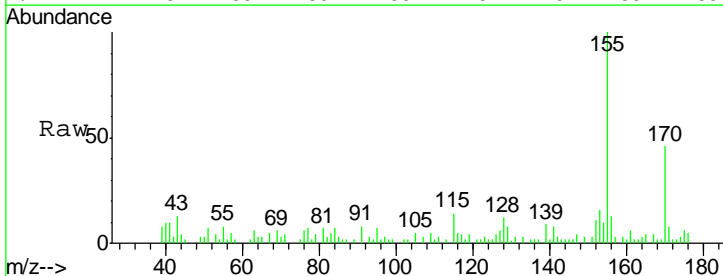
Instrument :
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 ClientSampled :
 MW-01-11-14-14

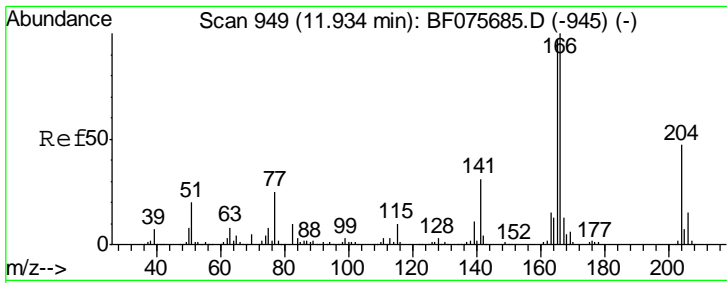
Tgt Ion	Resp	Lower	Upper
168	100		
139	40.8	33.0	49.4
169	40.7	10.8	16.2#



#55
 4-Nitrophenol
 Concen: 2.06 ng
 RT: 11.36 min Scan# 899
 Delta R.T. -0.05 min
 Lab File: BF075734.D
 Acq: 21 Nov 2014 4:38

Tgt Ion	Resp	Lower	Upper
139	100		
109	58.3	45.8	85.8
65	29.8	94.8	134.8#

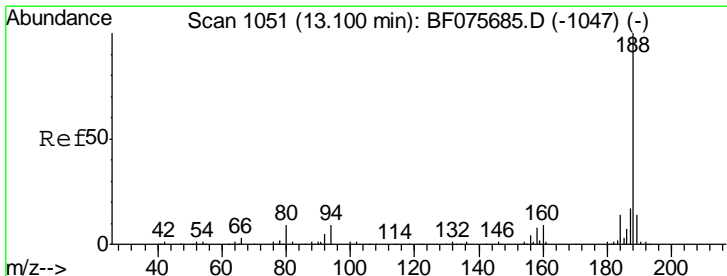
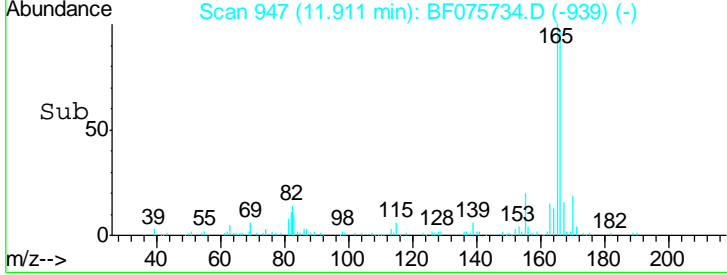
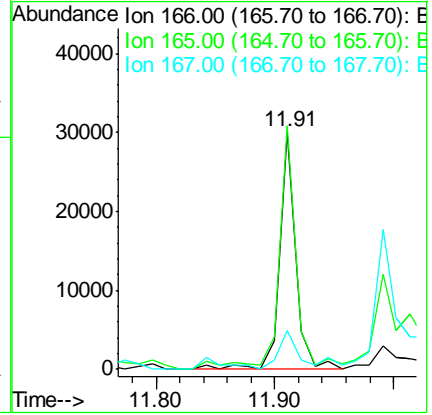
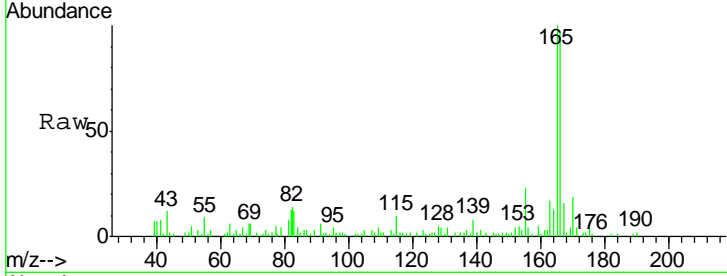




#57
 Fluorene
 Concen: 3.45 ng
 RT: 11.91 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF075734.D
 Acq: 21 Nov 2014 4:38

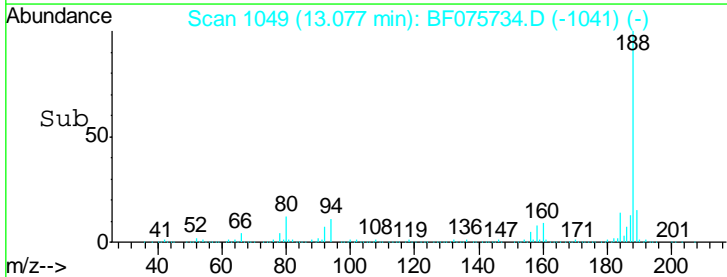
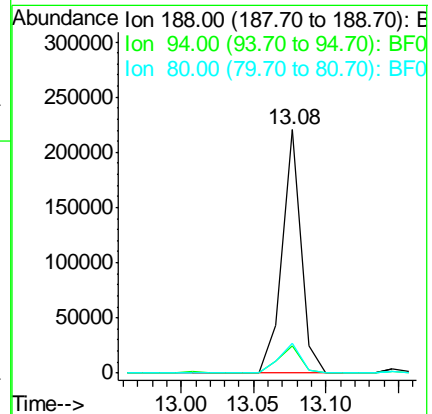
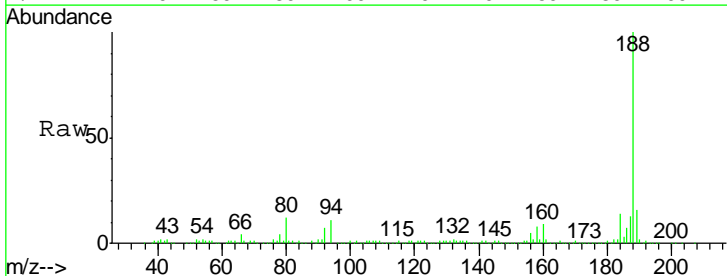
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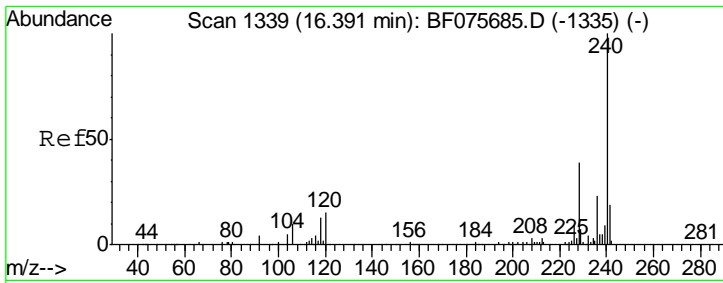
Tgt Ion	Resp	Lower	Upper
166	28198		
165	102.6	78.8	118.2
167	16.5	10.6	15.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.08 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF075734.D
 Acq: 21 Nov 2014 4:38

Tgt Ion	Resp	Lower	Upper
188	197773		
94	11.4	7.8	11.6
80	12.2	8.0	12.0#

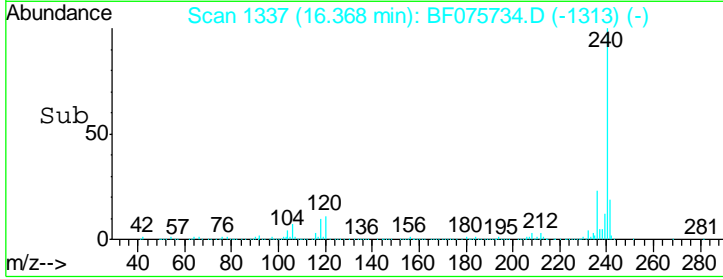
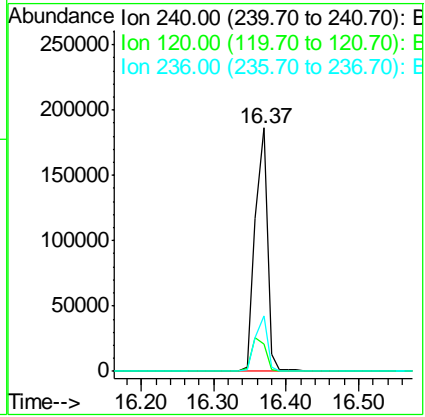
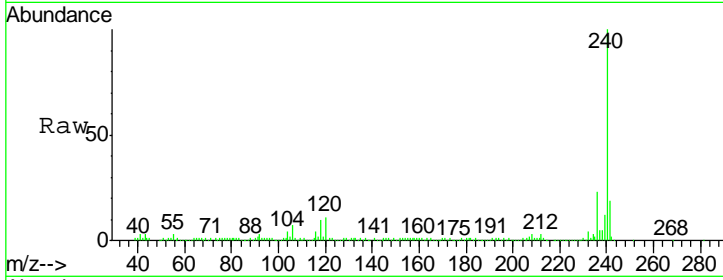




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.37 min Scan# 1337
 Delta R.T. -0.02 min
 Lab File: BF075734.D
 Acq: 21 Nov 2014 4:38

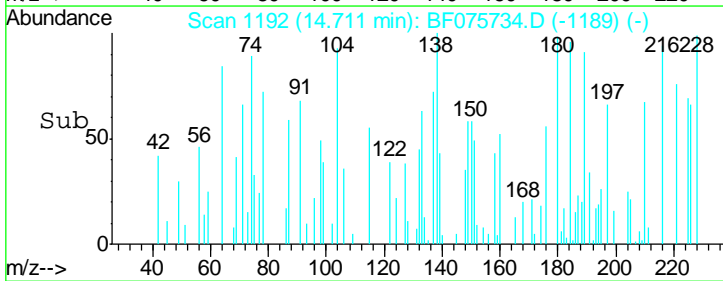
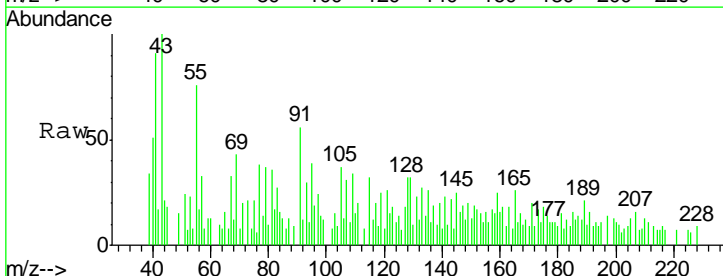
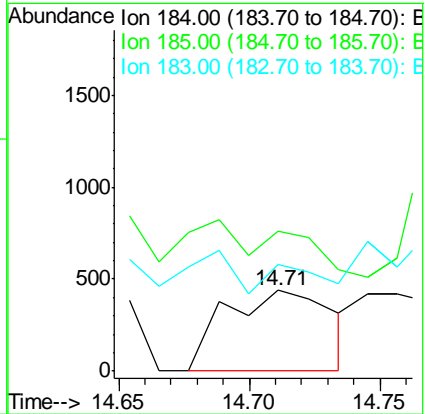
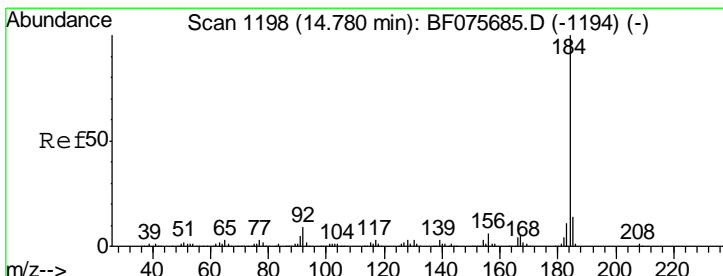
Instrument :
 BNA_F
 ClientSampled :
 MW-01-11-14-14

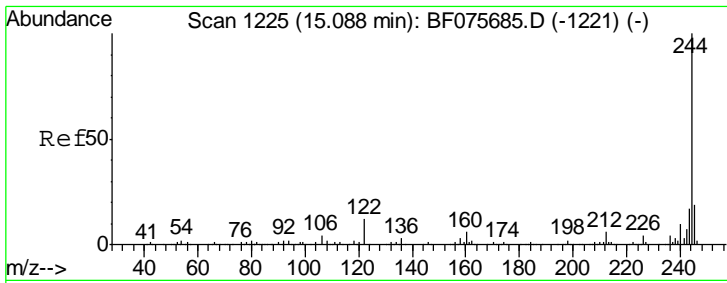
Tgt Ion	Resp	Lower	Upper
240	100		
120	11.3	9.6	14.4
236	22.6	18.9	28.3



#76
 Benzidine
 Concen: Below Cal
 RT: 14.71 min Scan# 1192
 Delta R.T. -0.07 min
 Lab File: BF075734.D
 Acq: 21 Nov 2014 4:38

Tgt Ion	Resp	Lower	Upper
184	100		
185	174.0	10.9	16.3#
183	133.1	8.7	13.1#

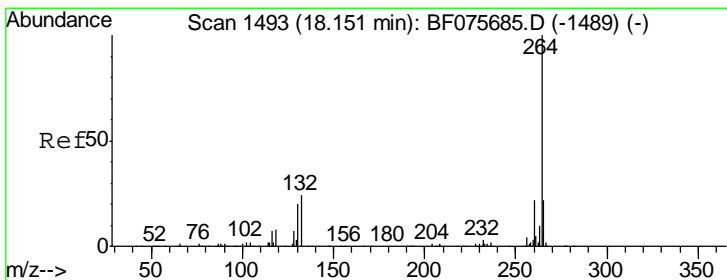
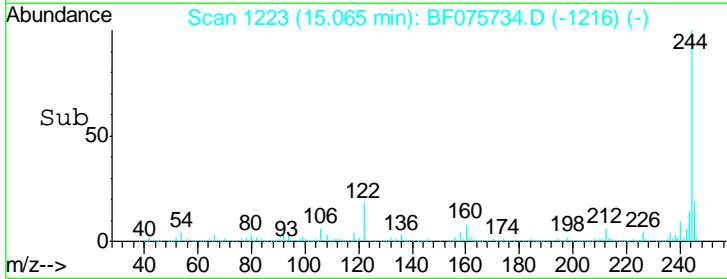
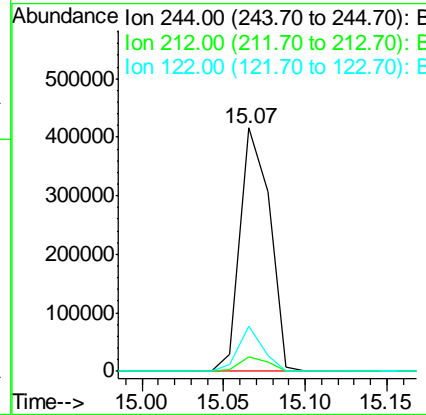
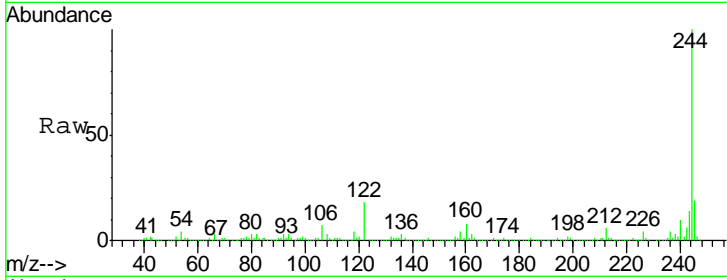




#78
 Terphenyl-d14
 Concen: 57.96 ng
 RT: 15.07 min Scan# 1223
 Delta R.T. -0.02 min
 Lab File: BF075734.D
 Acq: 21 Nov 2014 4:38

Instrument :
 BNA_F
 ClientSampleId :
 MW-01-11-14-14

Tgt Ion	Resp	Lower	Upper
244	100		
212	5.9	5.5	8.3
122	18.4	9.7	14.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.08 min Scan# 1487
 Delta R.T. -0.08 min
 Lab File: BF075734.D
 Acq: 21 Nov 2014 4:38

Tgt Ion	Resp	Lower	Upper
264	100		
260	23.3	17.9	26.9
265	21.1	16.3	24.5

