

Data File : BF093056.D  
 Acq On : 21 Feb 2017 5:50  
 Operator : SJ/MA  
 Sample : PB97045BL  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB97045BL

Quant Time: Feb 21 06:27:26 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF013017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 17 17:31:55 2017  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	157955	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	625553	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	281089	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	498604	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	342294	20.00	ng	-0.01
86) Perylene-d12	15.44	264	300334	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	872988	94.82	ng	0.00
7) Phenol-d6	6.49	99	1102624	93.08	ng	0.00
23) Nitrobenzene-d5	7.41	82	868197	77.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	199369	98.07	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1660446	107.02	ng	0.00
78) Terphenyl-d14	12.96	244	1135909	77.97	ng	-0.01

Target Compounds

						Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	116038	15.39	ng	# 80
25) Isophorone	7.41	82	702770	33.57	ng	# 65
50) 2,6-Dinitrotoluene	9.88	165	35230	8.62	ng	# 31
56) 2,4-Dinitrotoluene	9.88	165	35231	6.47	ng	# 20
66) 4-Bromophenyl-phenylether	10.68	248	13574	2.61	ng	# 1

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

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Instrument :  
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ClientSampled :  
PB97045BL

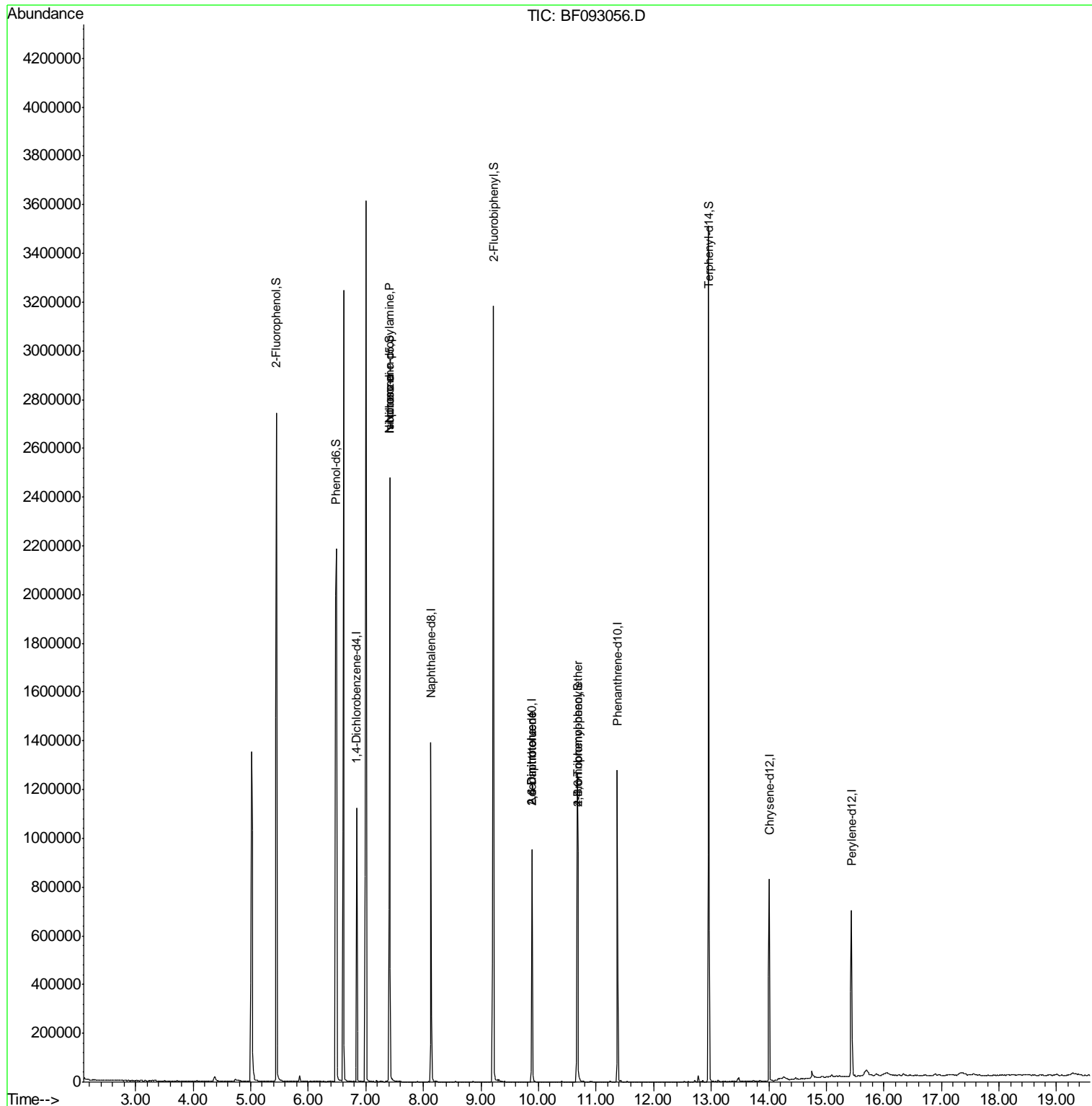
Quant Time: Feb 21 06:27:26 2017

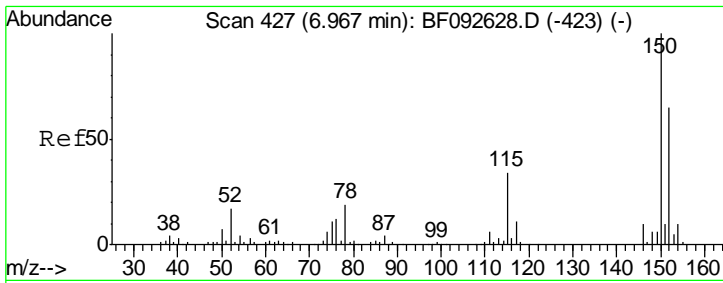
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Feb 17 17:31:55 2017

Response via : Initial Calibration

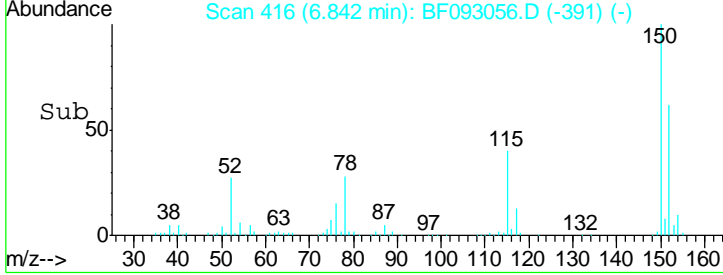
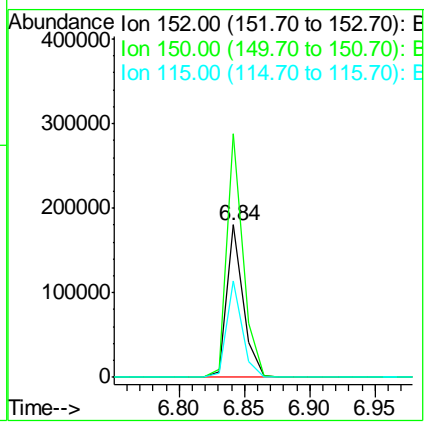
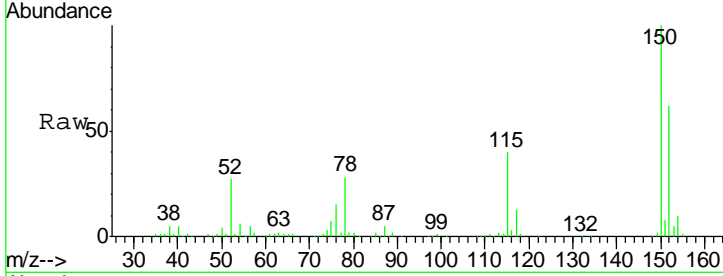




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.84 min Scan# 416  
 Delta R.T. -0.01 min  
 Lab File: BF093056.D  
 Acq: 21 Feb 2017 5:50

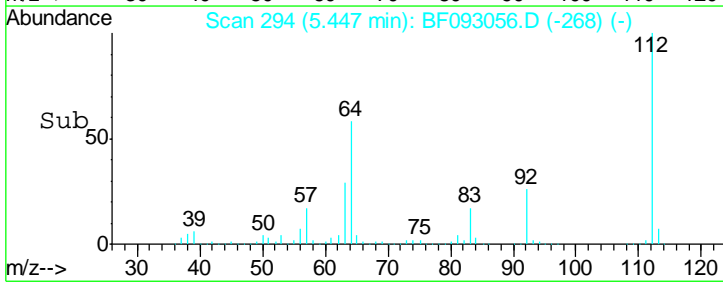
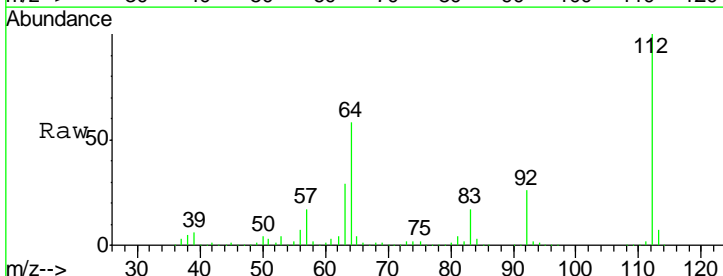
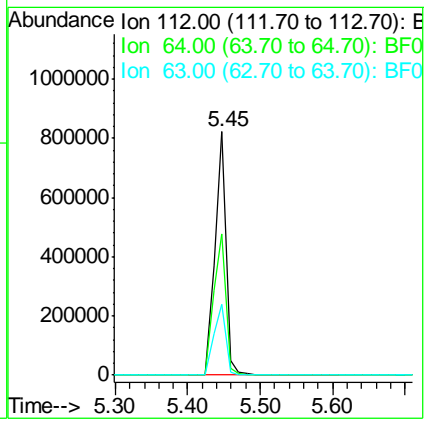
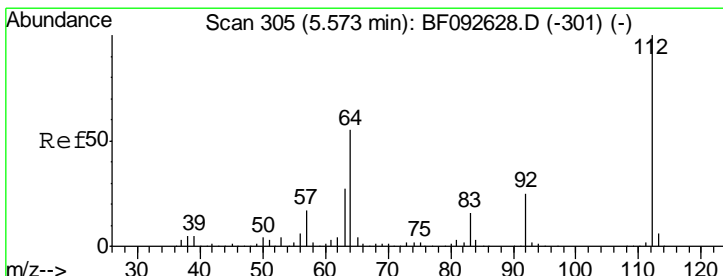
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB97045BL

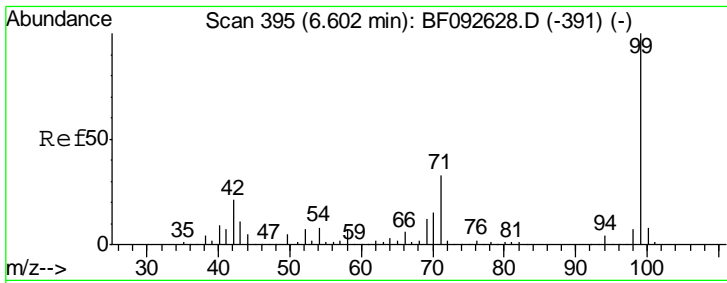
Tgt Ion	Resp	Lower	Upper
152	157955		
150	160.0	124.9	187.3
115	63.7	46.0	69.0



#5  
 2-Fluorophenol  
 Concen: 94.82 ng  
 RT: 5.45 min Scan# 294  
 Delta R.T. -0.00 min  
 Lab File: BF093056.D  
 Acq: 21 Feb 2017 5:50

Tgt Ion	Resp	Lower	Upper
112	872988		
64	57.9	46.1	69.1
63	29.2	23.8	35.6



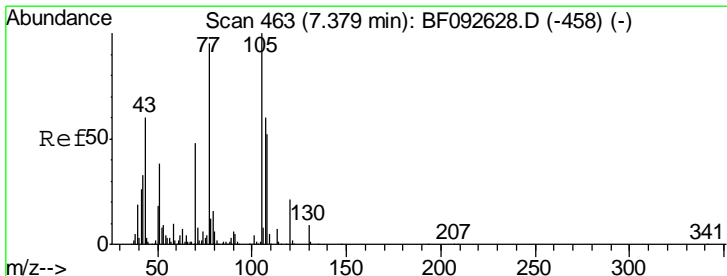
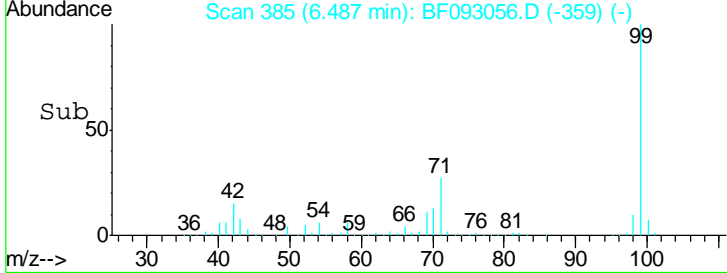
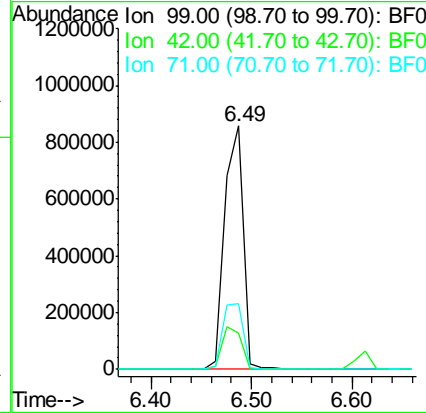
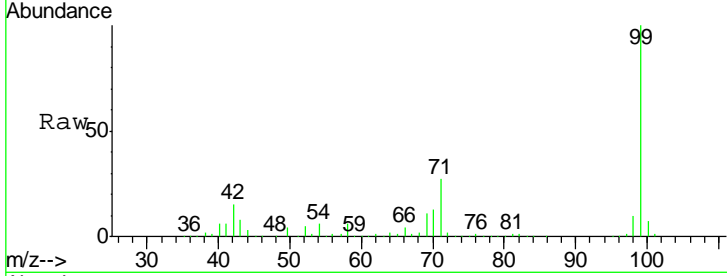


#7  
 Phenol-d6  
 Concen: 93.08 ng  
 RT: 6.49 min Scan# 385  
 Delta R.T. -0.00 min  
 Lab File: BF093056.D  
 Acq: 21 Feb 2017 5:50

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB97045BL

Tgt Ion: 99 Resp: 1102624

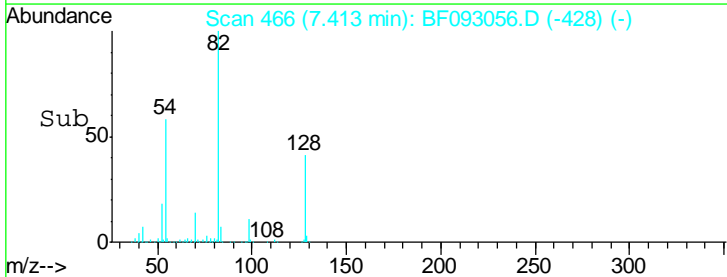
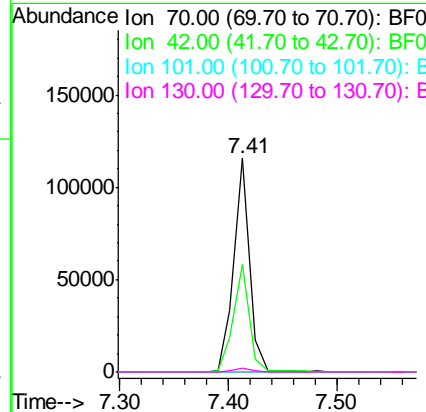
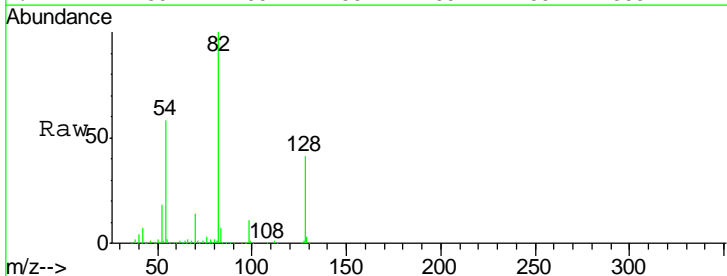
Ion	Ratio	Lower	Upper
99	100		
42	14.9	15.6	23.4#
71	27.1	27.5	41.3#

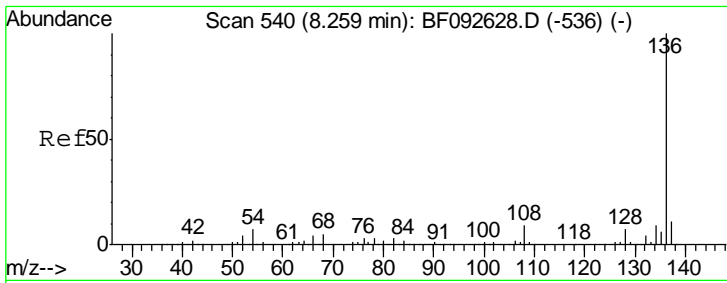


#19  
 n-Nitroso-di-n-propylamine  
 Concen: 15.39 ng  
 RT: 7.41 min Scan# 466  
 Delta R.T. 0.14 min  
 Lab File: BF093056.D  
 Acq: 21 Feb 2017 5:50

Tgt Ion: 70 Resp: 116038

Ion	Ratio	Lower	Upper
70	100		
42	50.4	49.4	74.0
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#



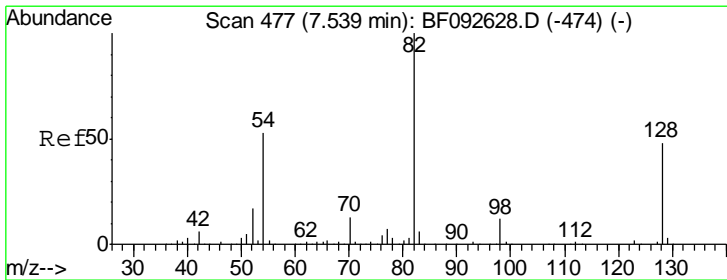
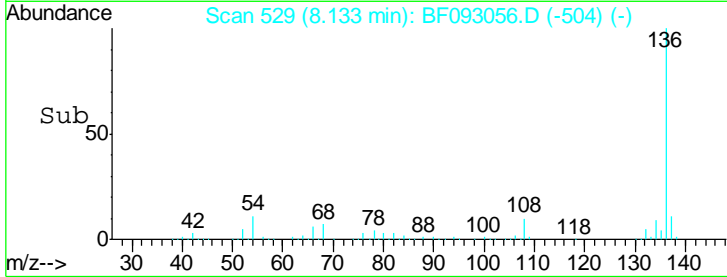
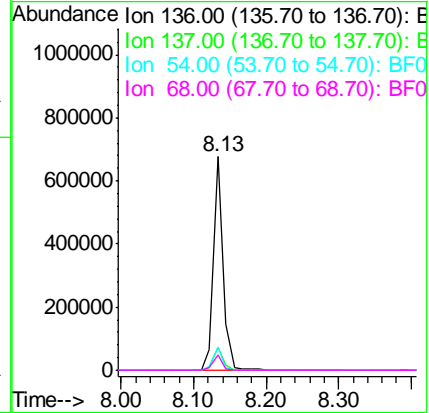
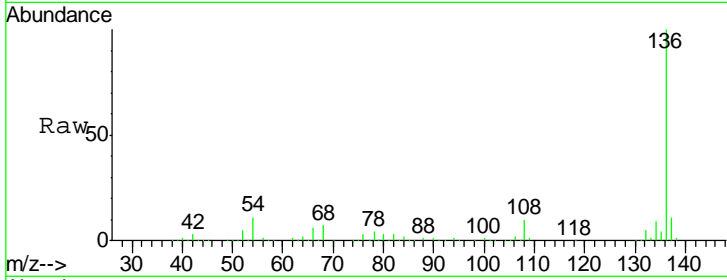


#21  
 Naphthalene-d8  
 Concen: 20.00 ng  
 RT: 8.13 min Scan# 529  
 Delta R.T. -0.01 min  
 Lab File: BF093056.D  
 Acq: 21 Feb 2017 5:50

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 BNA\_F  
**ClientSampled :**  
 PB97045BL

Tgt Ion: 136 Resp: 625553

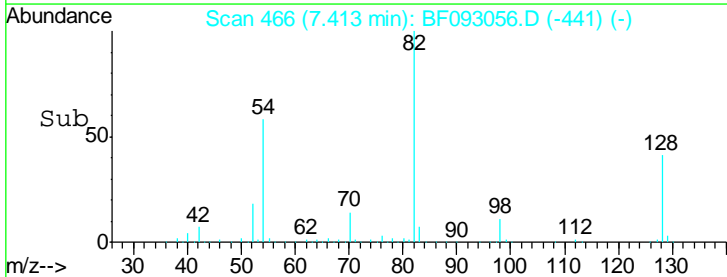
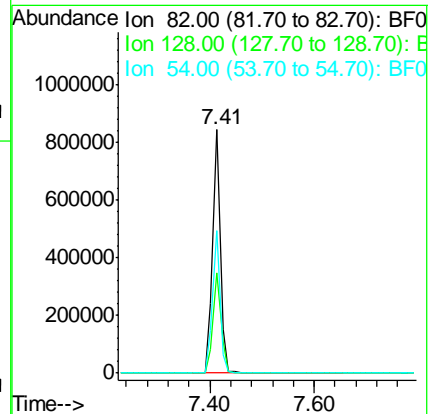
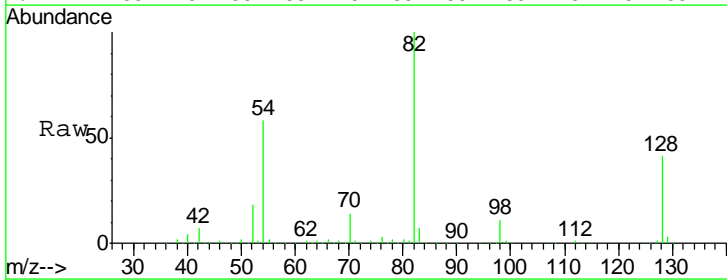
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	10.7	4.5	6.7#
68	7.3	3.6	5.4#

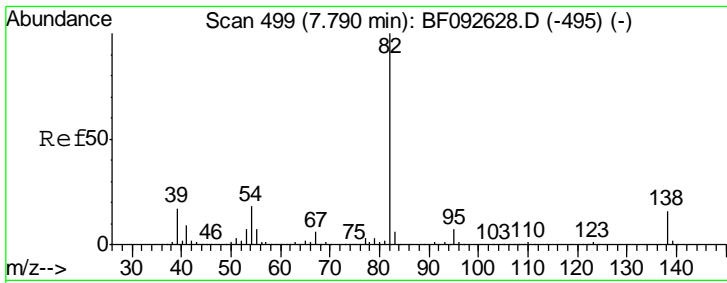


#23  
 Nitrobenzene-d5  
 Concen: 77.29 ng  
 RT: 7.41 min Scan# 466  
 Delta R.T. -0.01 min  
 Lab File: BF093056.D  
 Acq: 21 Feb 2017 5:50

Tgt Ion: 82 Resp: 868197

Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.6	52.0
54	58.4	39.5	59.3

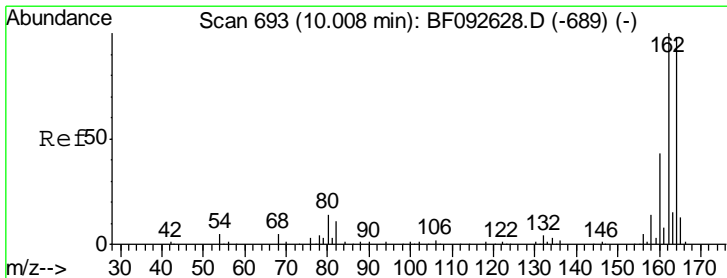
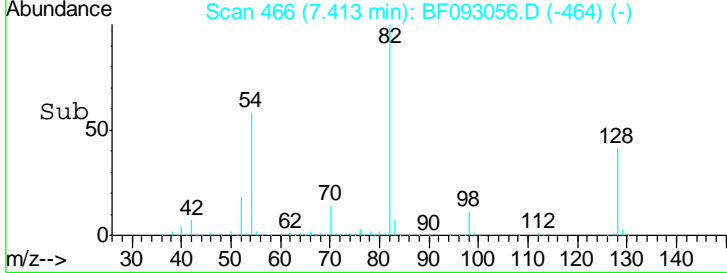
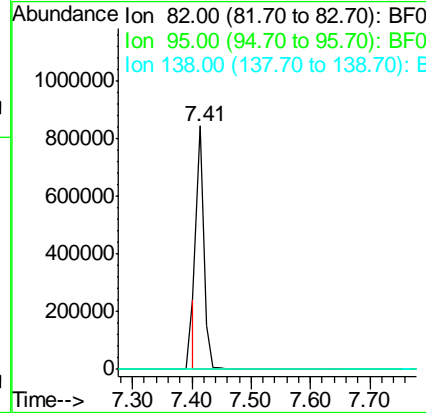
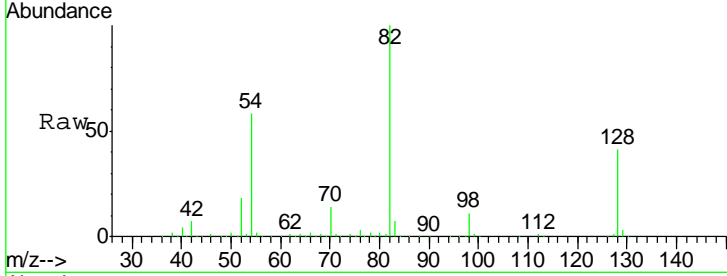




#25  
 Isophorone  
 Concen: 33.57 ng  
 RT: 7.41 min Scan# 466  
 Delta R.T. -0.27 min  
 Lab File: BF093056.D  
 Acq: 21 Feb 2017 5:50

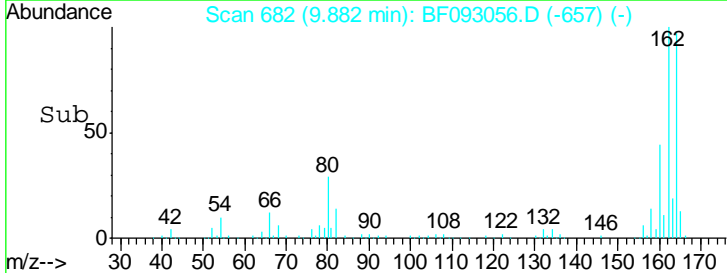
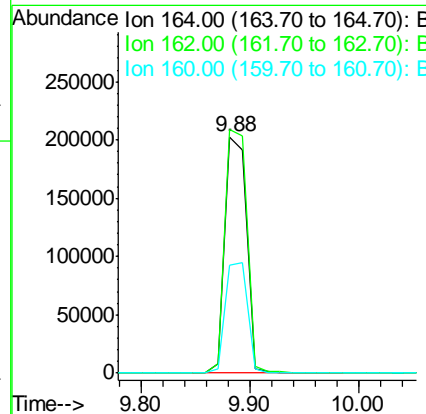
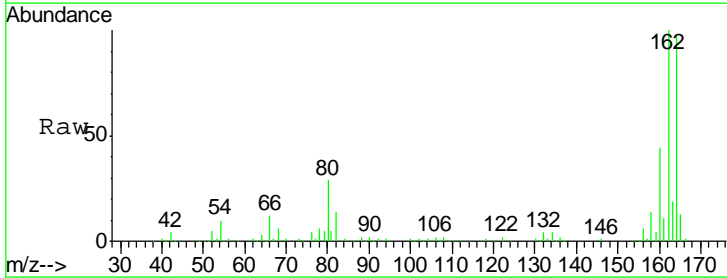
Instrument :  
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 ClientSampled :  
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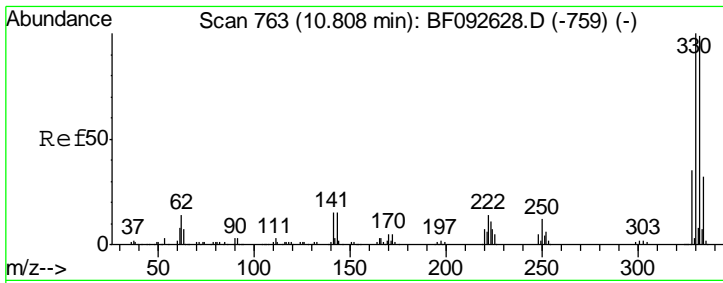
Tgt Ion	Resp	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.88 min Scan# 682  
 Delta R.T. -0.01 min  
 Lab File: BF093056.D  
 Acq: 21 Feb 2017 5:50

Tgt Ion	Resp	Lower	Upper
164	100		
162	103.2	80.2	120.2
160	45.6	36.9	55.3

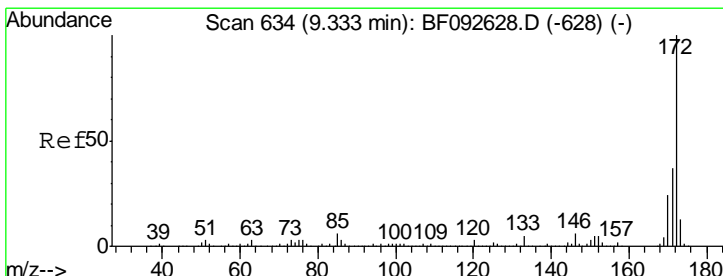
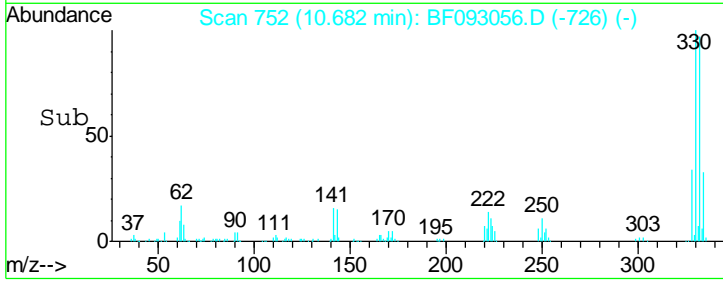
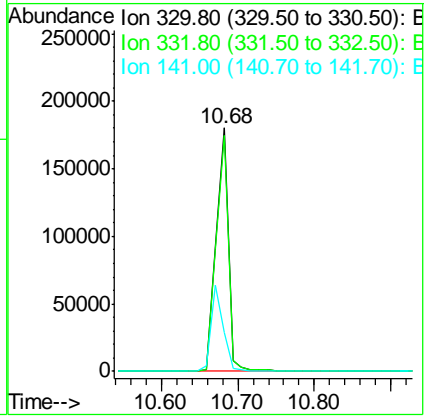
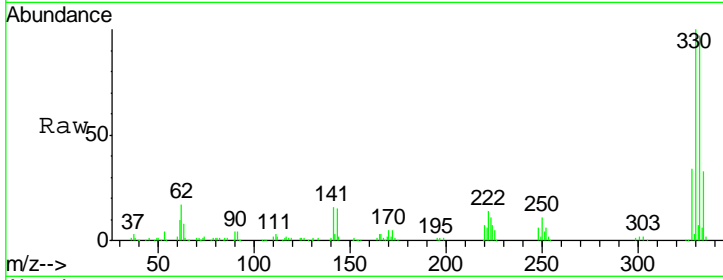




#41  
 2,4,6-Tribromophenol  
 Concen: 98.07 ng  
 RT: 10.68 min Scan# 752  
 Delta R.T. -0.00 min  
 Lab File: BF093056.D  
 Acq: 21 Feb 2017 5:50

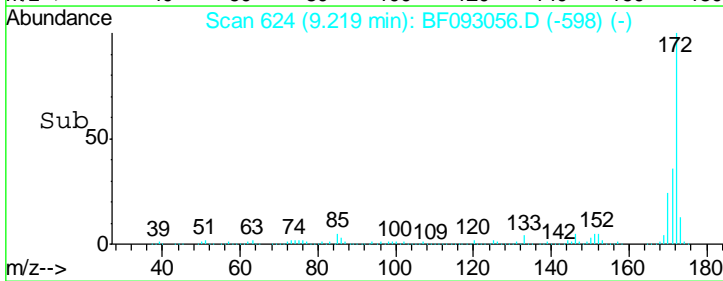
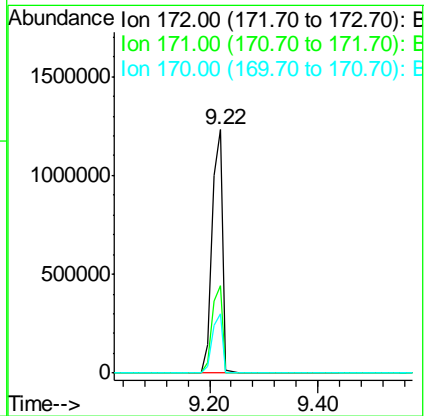
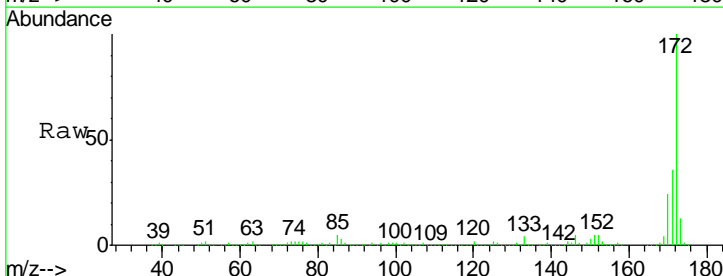
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
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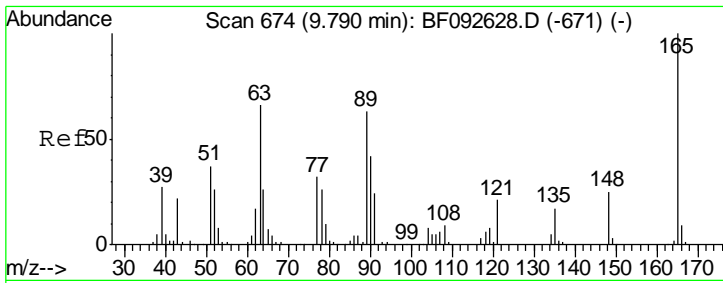
Tgt Ion	Resp	Lower	Upper
330	199369		
332	97.1	77.4	116.2
141	34.8	34.1	51.1



#44  
 2-Fluorobiphenyl  
 Concen: 107.02 ng  
 RT: 9.22 min Scan# 624  
 Delta R.T. -0.00 min  
 Lab File: BF093056.D  
 Acq: 21 Feb 2017 5:50

Tgt Ion	Resp	Lower	Upper
172	1660446		
171	35.7	29.4	44.0
170	24.3	20.2	30.4

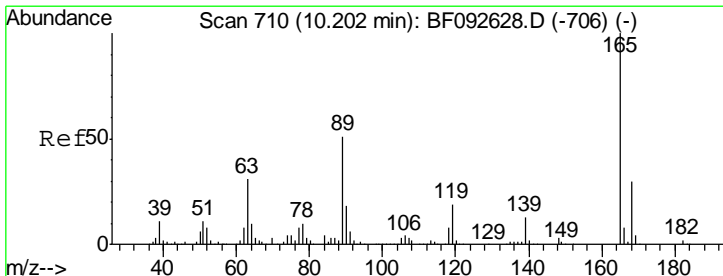
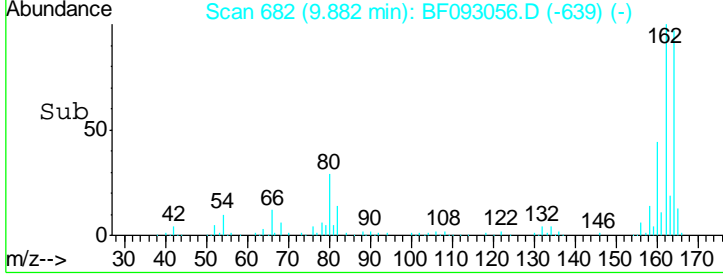
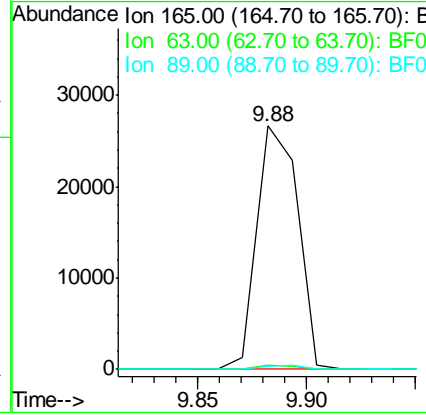
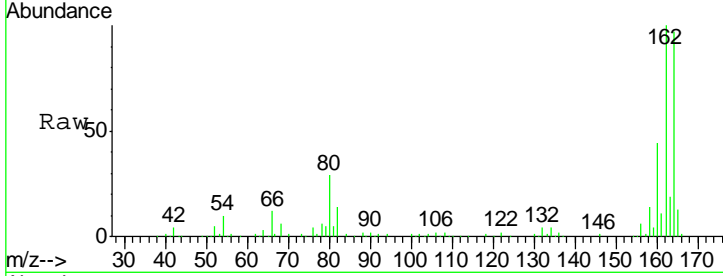




#50  
 2,6-Dinitrotoluene  
 Concen: 8.62 ng  
 RT: 9.88 min Scan# 682  
 Delta R.T. 0.19 min  
 Lab File: BF093056.D  
 Acq: 21 Feb 2017 5:50

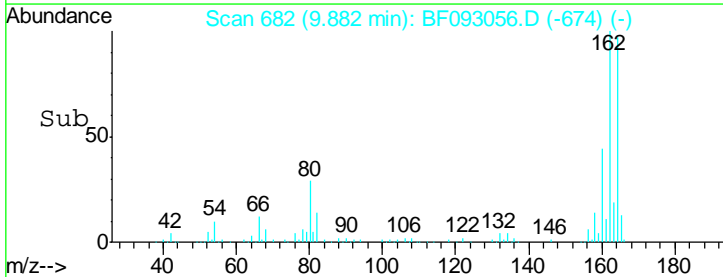
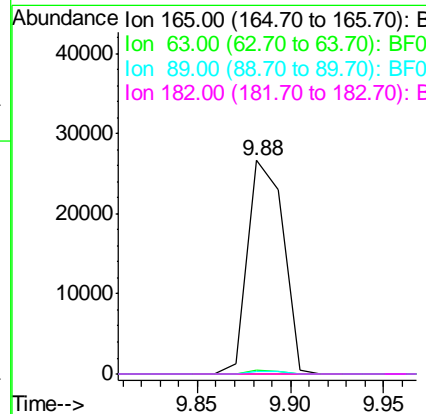
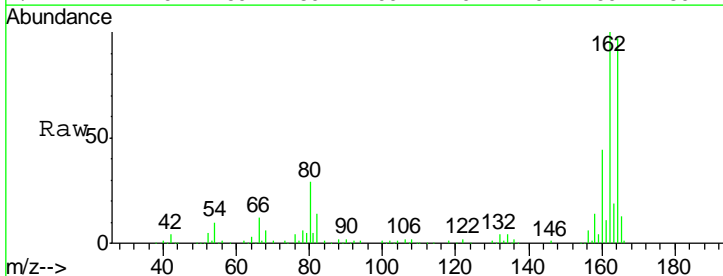
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB97045BL

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.8	36.2	54.4#
89	1.3	40.2	60.4#

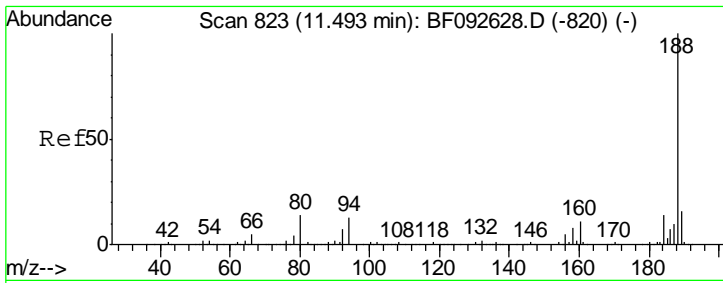


#56  
 2,4-Dinitrotoluene  
 Concen: 6.47 ng  
 RT: 9.88 min Scan# 682  
 Delta R.T. -0.21 min  
 Lab File: BF093056.D  
 Acq: 21 Feb 2017 5:50

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



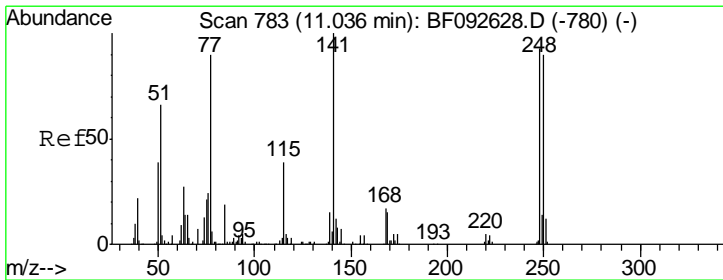
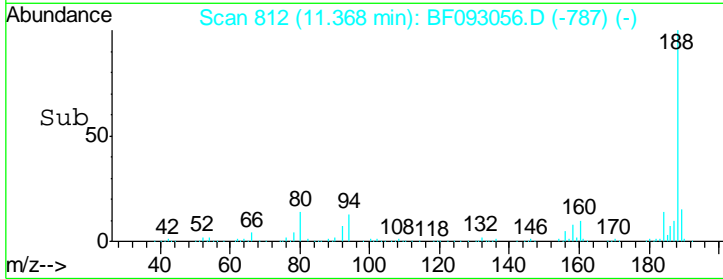
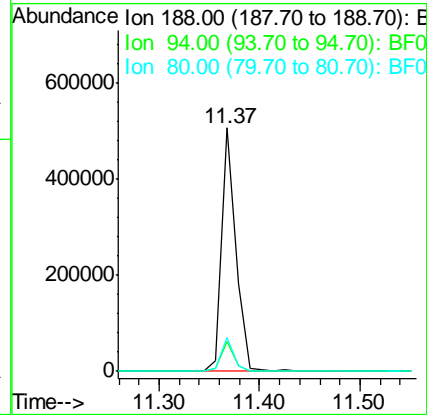
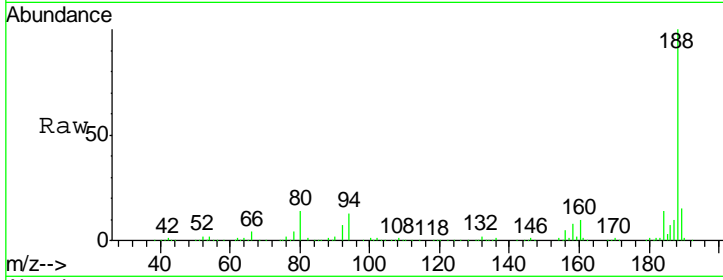




#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.37 min Scan# 812  
 Delta R.T. -0.01 min  
 Lab File: BF093056.D  
 Acq: 21 Feb 2017 5:50

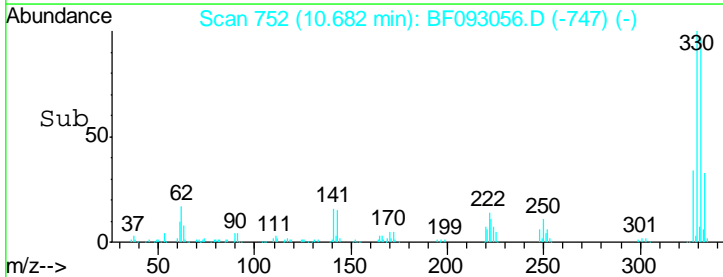
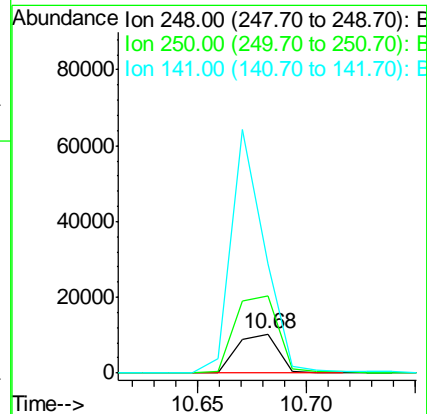
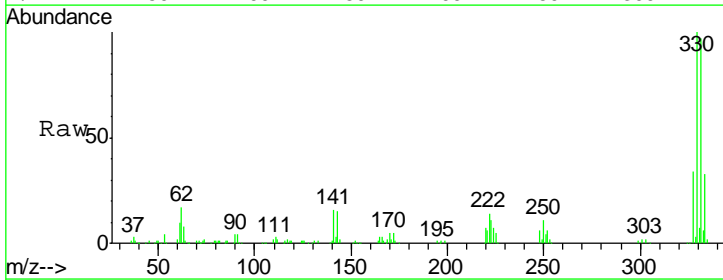
Instrument :  
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 PB97045BL

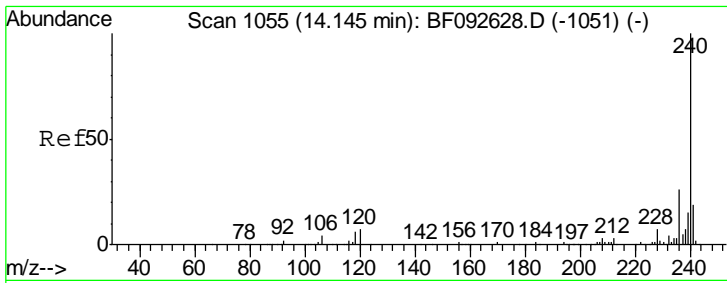
Tgt Ion	Resp	Lower	Upper
188	100		
94	12.5	10.0	15.0
80	14.0	11.2	16.8



#66  
 4-Bromophenyl-phenylether  
 Concen: 2.61 ng  
 RT: 10.68 min Scan# 752  
 Delta R.T. -0.24 min  
 Lab File: BF093056.D  
 Acq: 21 Feb 2017 5:50

Tgt Ion	Resp	Lower	Upper
248	100		
250	198.3	76.9	115.3#
141	278.2	68.2	102.4#

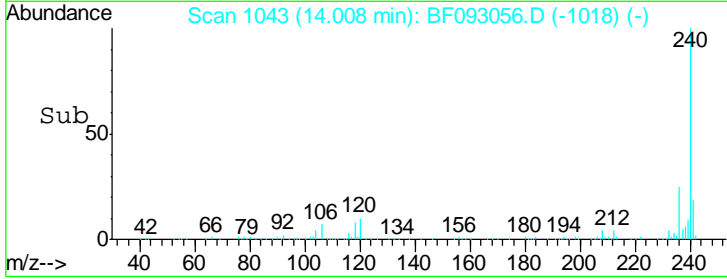
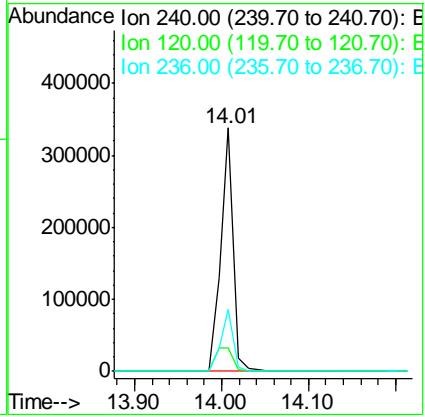
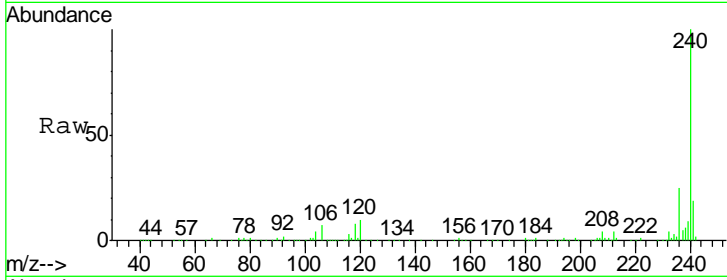




#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 14.01 min Scan# 1043  
 Delta R.T. -0.01 min  
 Lab File: BF093056.D  
 Acq: 21 Feb 2017 5:50

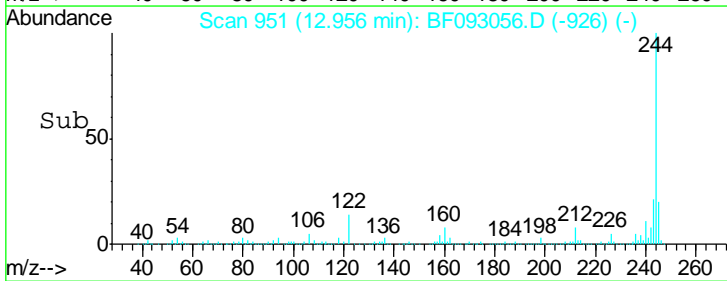
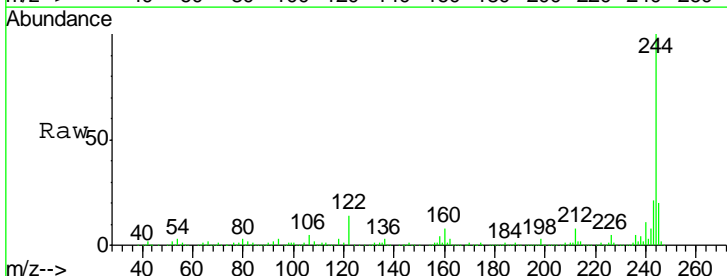
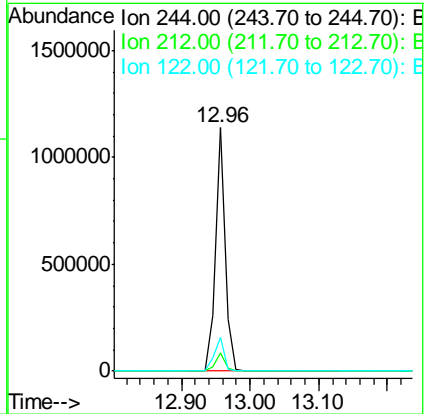
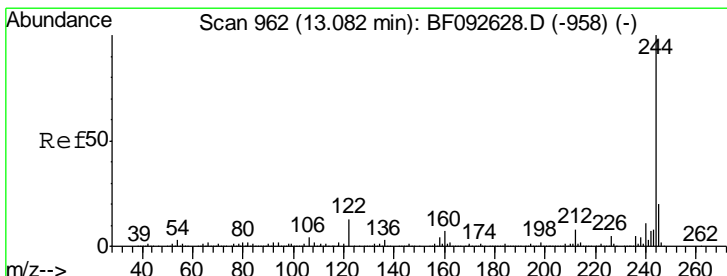
Instrument :  
 BNA\_F  
 ClientSampled :  
 PB97045BL

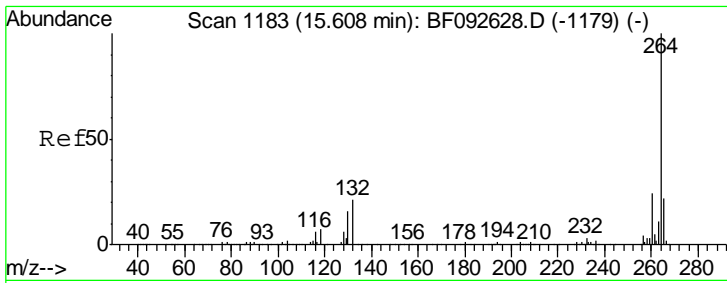
Tgt Ion	Resp	Lower	Upper
240	100		
120	9.8	12.9	19.3#
236	25.4	20.9	31.3



#78  
 Terphenyl-d14  
 Concen: 77.97 ng  
 RT: 12.96 min Scan# 951  
 Delta R.T. -0.01 min  
 Lab File: BF093056.D  
 Acq: 21 Feb 2017 5:50

Tgt Ion	Resp	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	13.9	11.4	17.2





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.44 min Scan# 1168  
 Delta R.T. -0.01 min  
 Lab File: BF093056.D  
 Acq: 21 Feb 2017 5:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB97045BL

Tgt Ion	Resp	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.5	17.4	26.0

