

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
 Data File : BF083369.D
 Acq On : 1 Dec 2015 8:49
 Operator : UM/IZ
 Sample : G4538-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 10:12:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

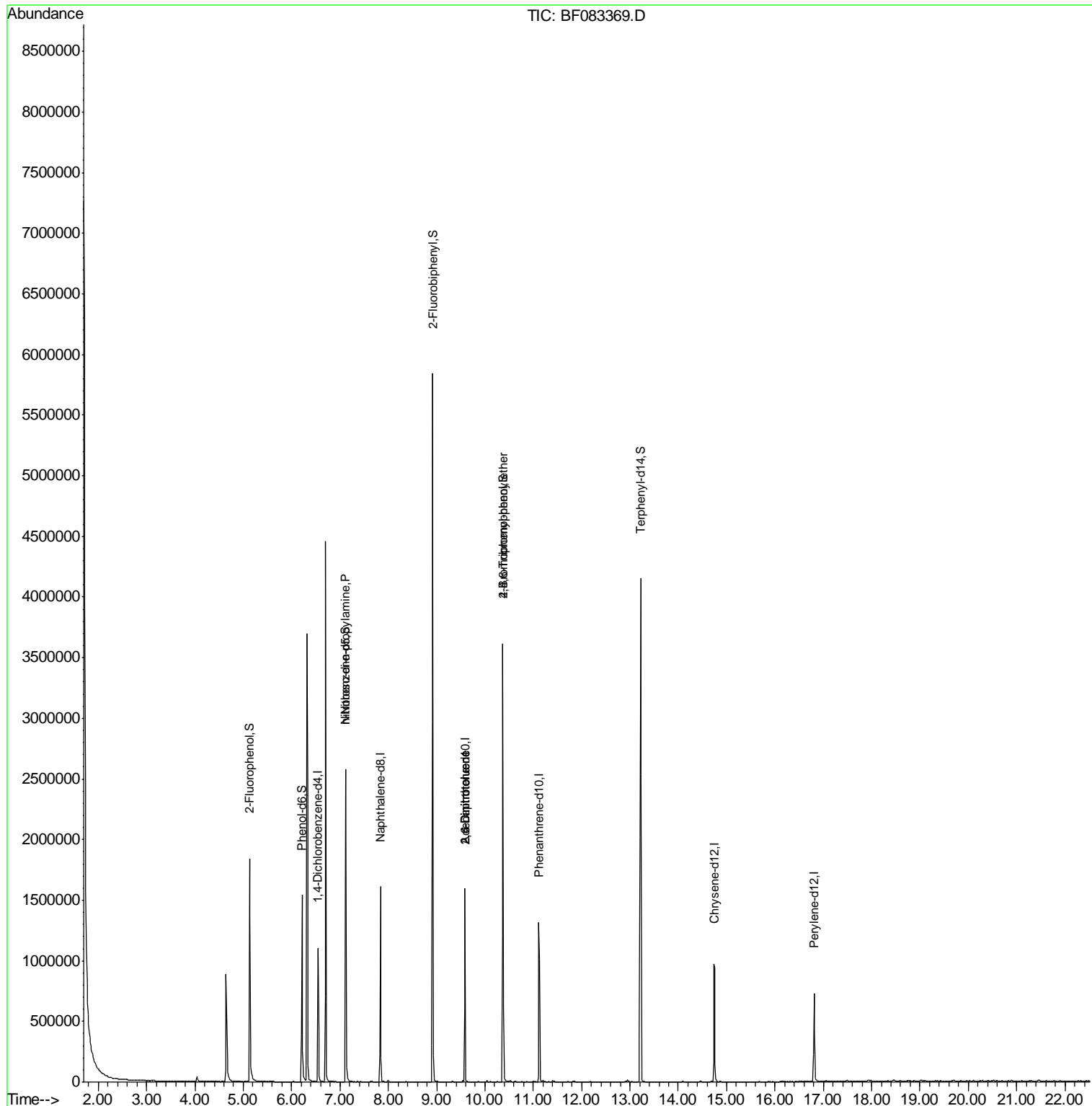
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	179405	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	675473	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	341829	20.00	ng	0.00
63) Phenanthrene-d10	11.12	188	673885	20.00	ng	-0.01
75) Chrysene-d12	14.75	240	590612	20.00	ng	-0.01
86) Perylene-d12	16.81	264	399552	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	715162	59.82	ng	0.00
7) Phenol-d6	6.21	99	595762	36.41	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1299301	84.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	411589	119.95	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	2092677	87.24	ng	0.00
78) Terphenyl-d14	13.22	244	2075017	83.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.12	70	174373	14.91	ng	# 83
50) 2,6-Dinitrotoluene	9.58	165	44747	7.54	ng	# 19
56) 2,4-Dinitrotoluene	9.58	165	44747	5.94	ng	# 6
66) 4-Bromophenyl-phenylether	10.37	248	28939	3.93	ng	# 1

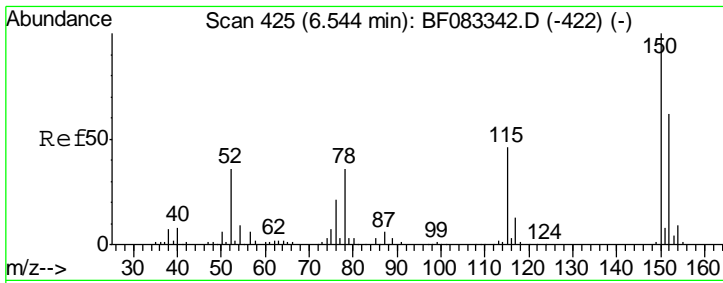
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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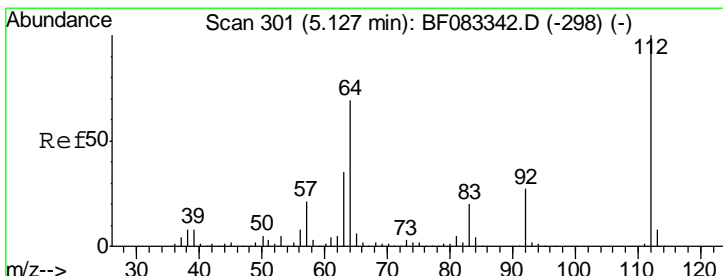
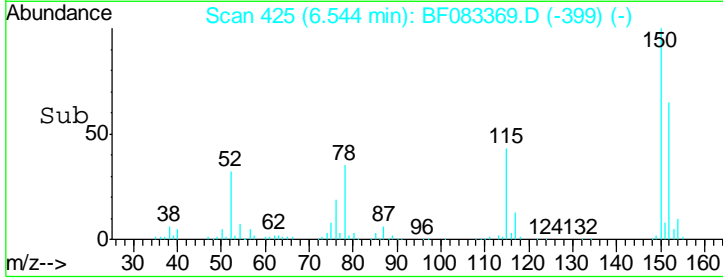
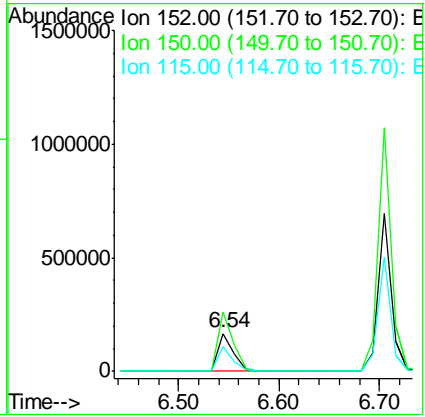
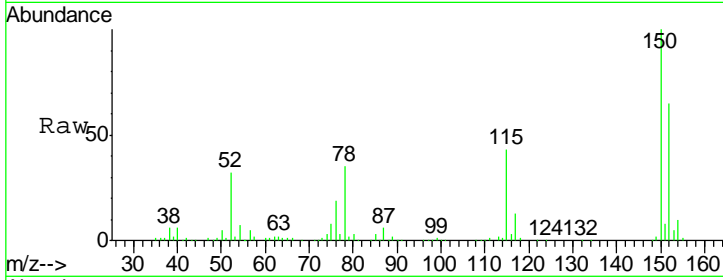




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.54 min Scan# 425
 Delta R.T. -0.00 min
 Lab File: BF083369.D
 Acq: 1 Dec 2015 8:49

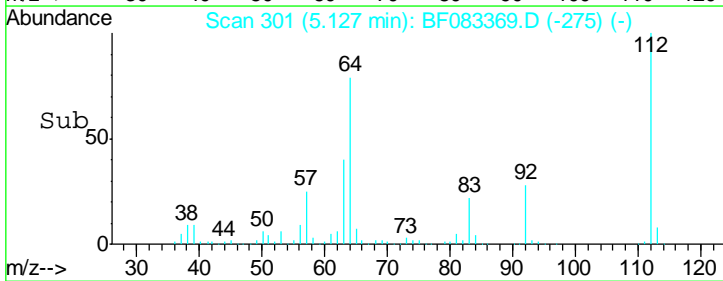
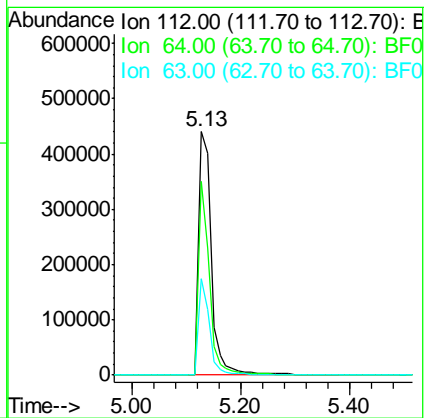
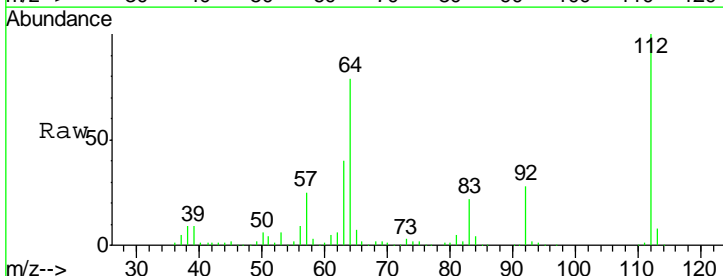
Instrument :
 BNA_F
 ClientSampled :

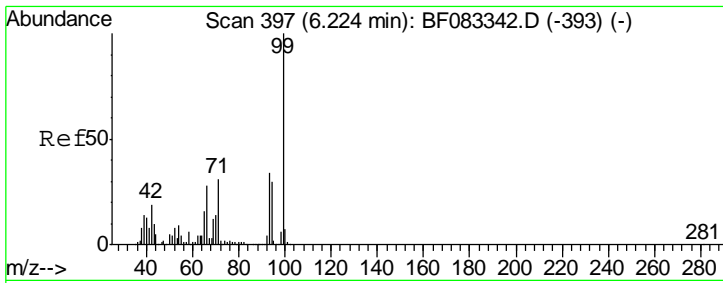
Tgt Ion	Resp	Lower	Upper
152	179405		
150	154.9	129.8	194.8
115	66.9	59.2	88.8



#5
 2-Fluorophenol
 Concen: 59.82 ng
 RT: 5.13 min Scan# 301
 Delta R.T. -0.00 min
 Lab File: BF083369.D
 Acq: 1 Dec 2015 8:49

Tgt Ion	Resp	Lower	Upper
112	715162		
64	79.3	55.6	83.4
63	39.7	28.2	42.2

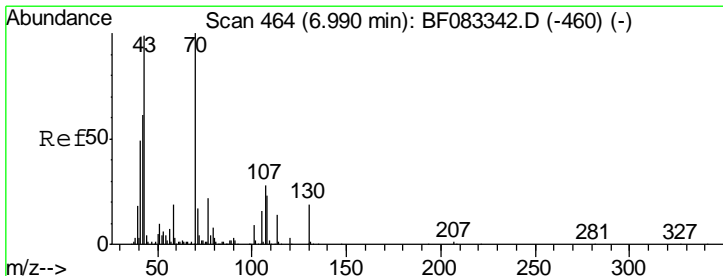
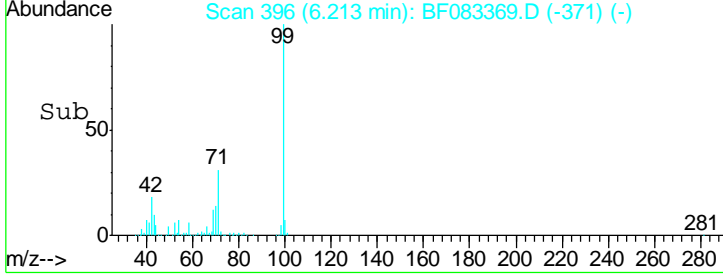
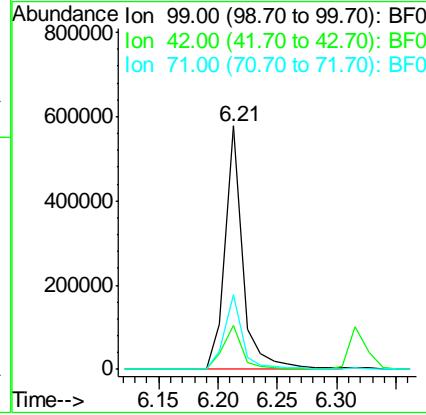
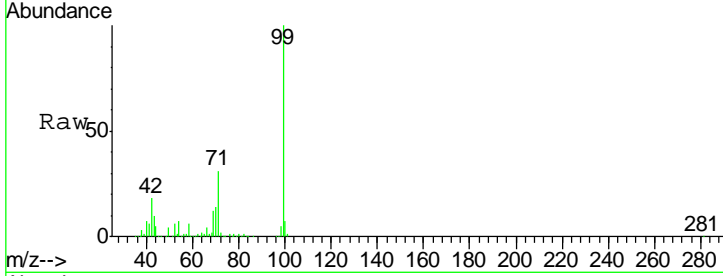




#7
 Phenol-d6
 Concen: 36.41 ng
 RT: 6.21 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BF083369.D
 Acq: 1 Dec 2015 8:49

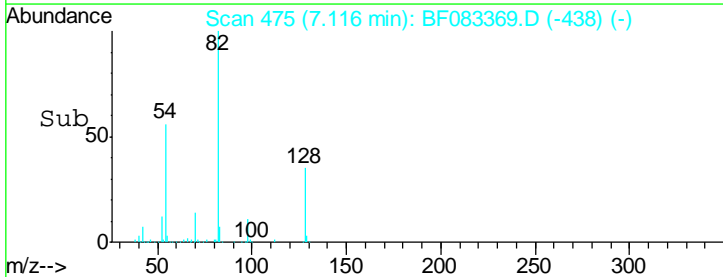
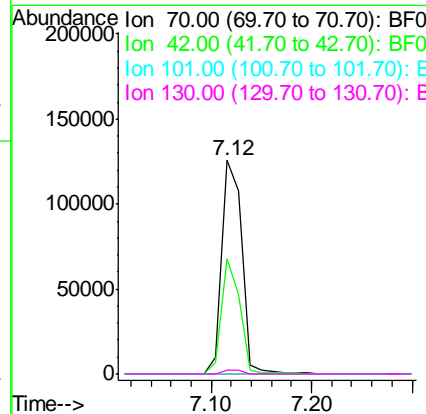
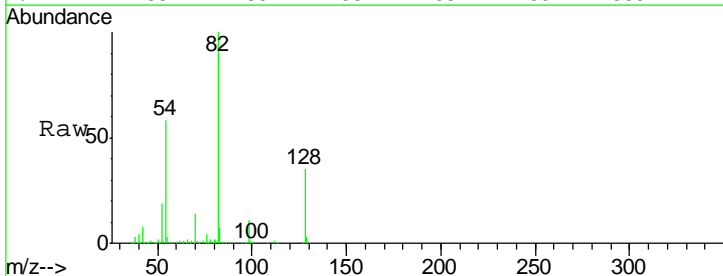
Instrument :
 BNA_F
 ClientSampled :

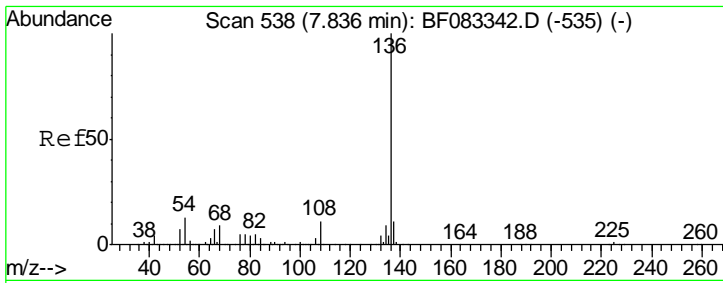
Tgt Ion	Resp	Lower	Upper
99	100		
42	18.0	14.9	22.3
71	30.5	24.7	37.1



#19
 n-Nitroso-di-n-propylamine
 Concen: 14.91 ng
 RT: 7.12 min Scan# 475
 Delta R.T. 0.13 min
 Lab File: BF083369.D
 Acq: 1 Dec 2015 8:49

Tgt Ion	Resp	Lower	Upper
70	100		
42	54.1	48.8	73.2
101	0.0	7.1	10.7#
130	1.7	15.0	22.6#

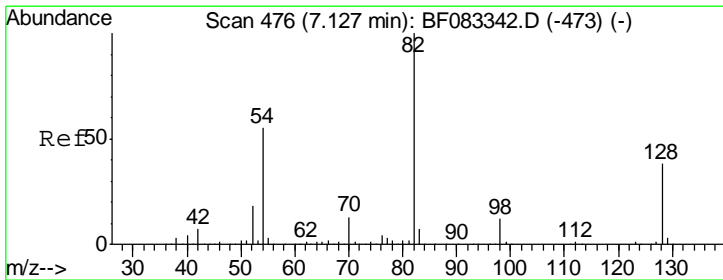
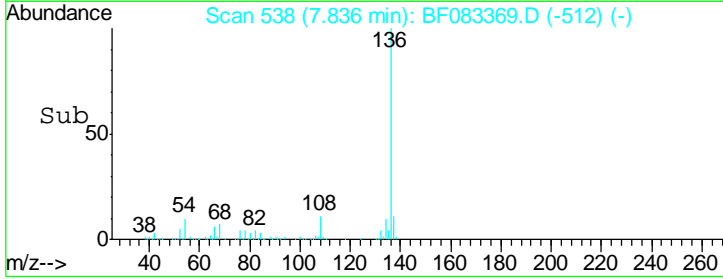
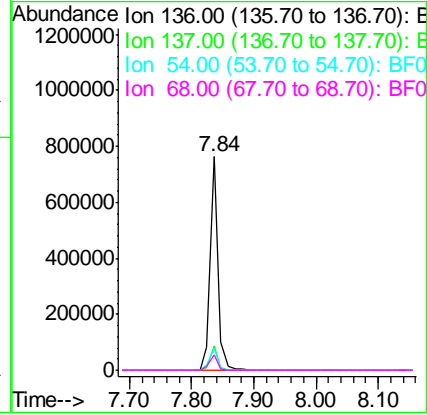
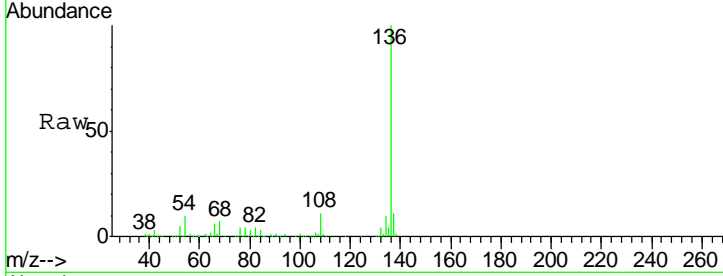




#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.84 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: BF083369.D
 Acq: 1 Dec 2015 8:49

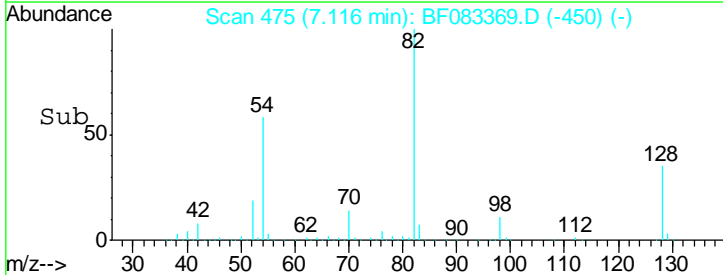
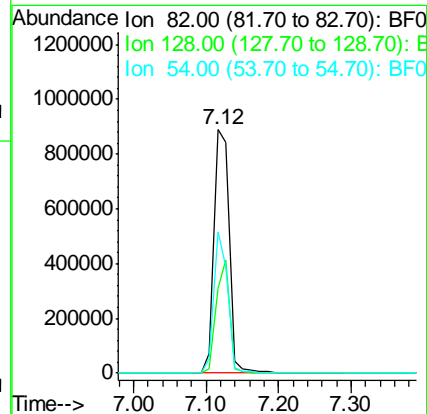
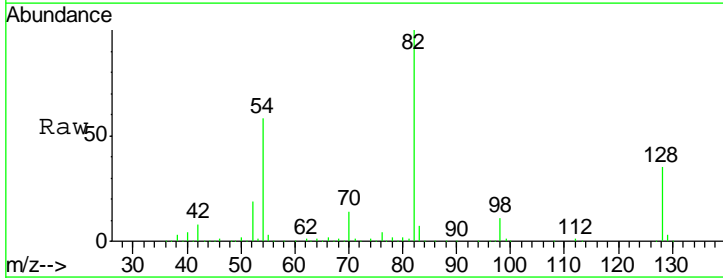
Instrument :
 BNA_F
 ClientSampled :

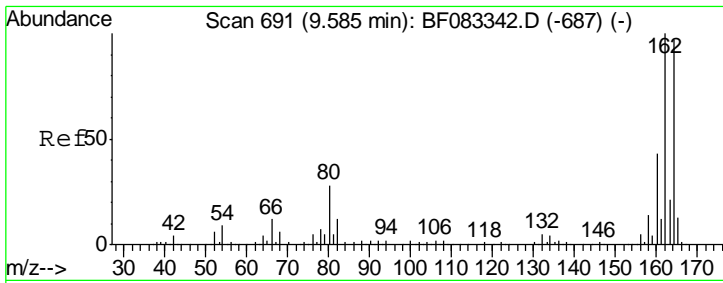
Tgt Ion	Resp	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	10.0	10.1	15.1#
68	7.1	7.1	10.7#



#23
 Nitrobenzene-d5
 Concen: 84.56 ng
 RT: 7.12 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: BF083369.D
 Acq: 1 Dec 2015 8:49

Tgt Ion	Resp	Lower	Upper
82	100		
128	35.0	30.6	46.0
54	58.1	43.8	65.6

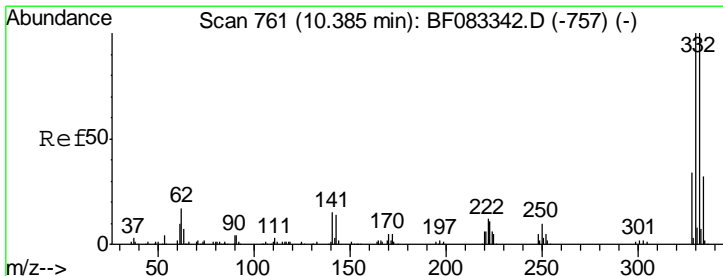
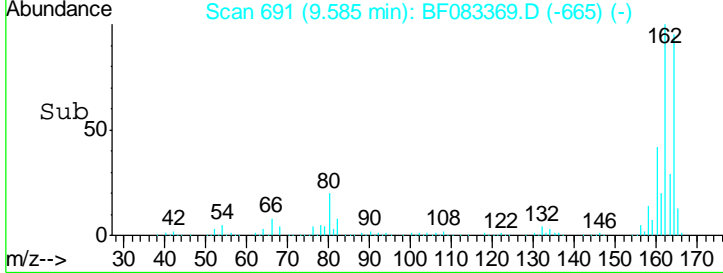
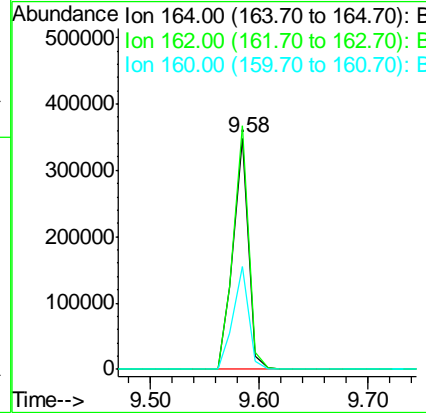
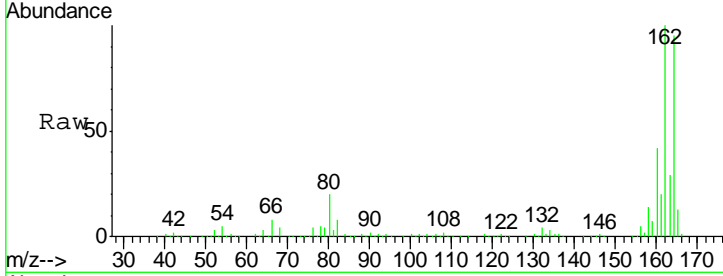




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BF083369.D
 Acq: 1 Dec 2015 8:49

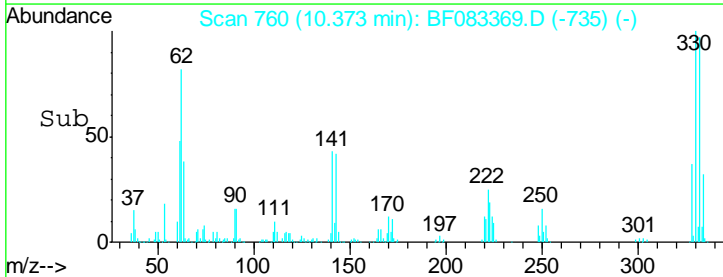
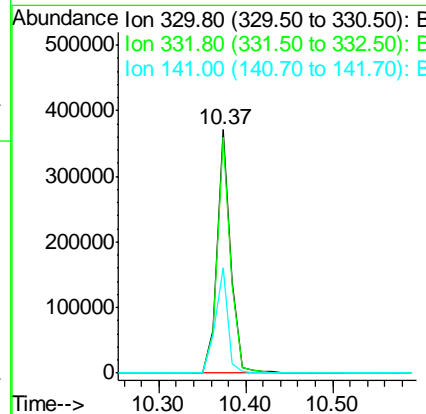
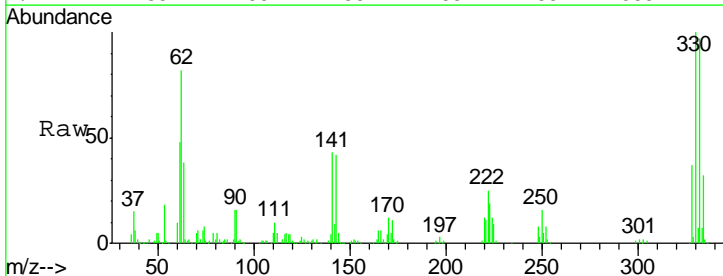
Instrument :
 BNA_F
 ClientSampled :

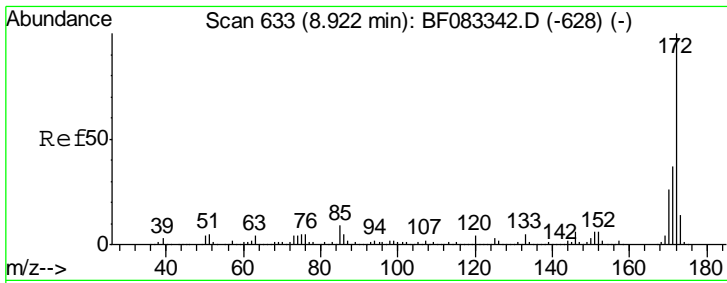
Tgt Ion	Resp	Lower	Upper
164	100		
162	105.4	82.6	123.8
160	44.4	35.3	52.9



#41
 2,4,6-Tribromophenol
 Concen: 119.95 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083369.D
 Acq: 1 Dec 2015 8:49

Tgt Ion	Resp	Lower	Upper
330	100		
332	96.4	77.8	116.6
141	39.8	29.4	44.0



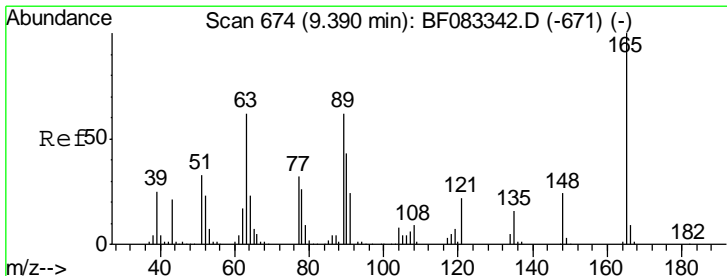
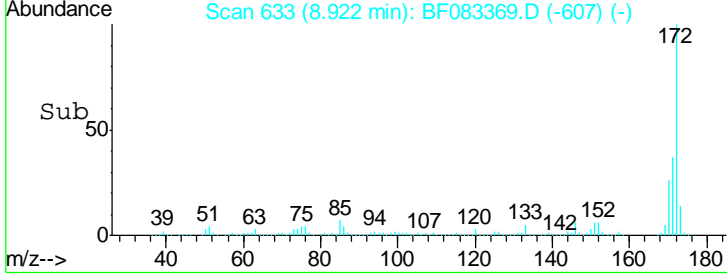
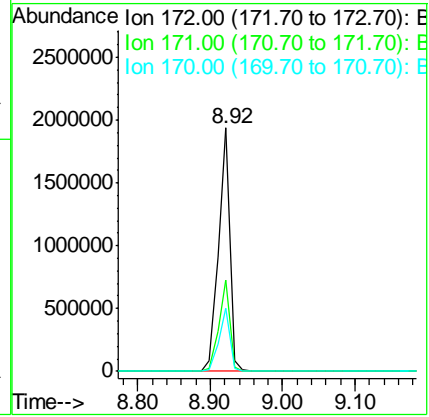
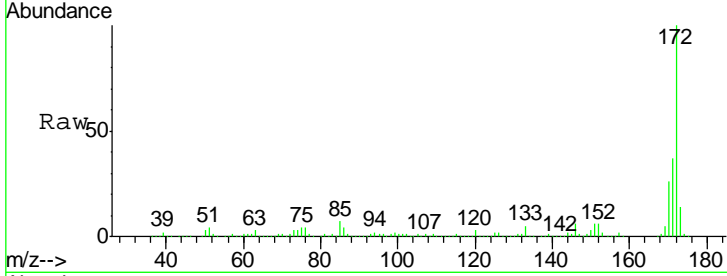


#44
 2-Fluorobiphenyl
 Concen: 87.24 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083369.D
 Acq: 1 Dec 2015 8:49

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:172 Resp: 2092677

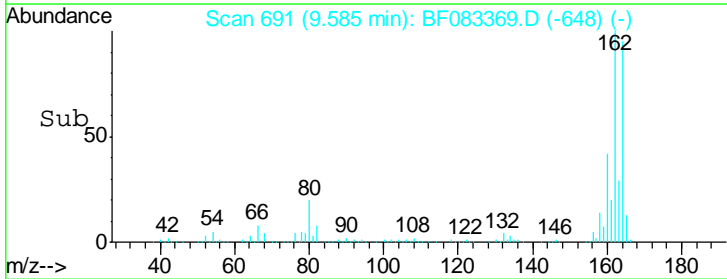
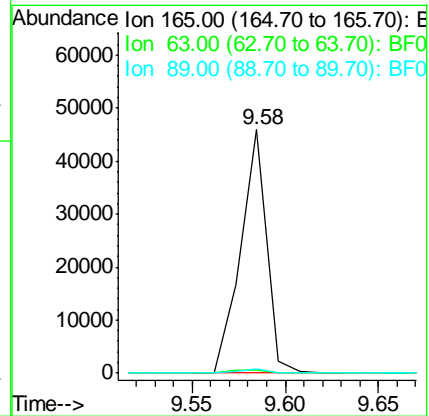
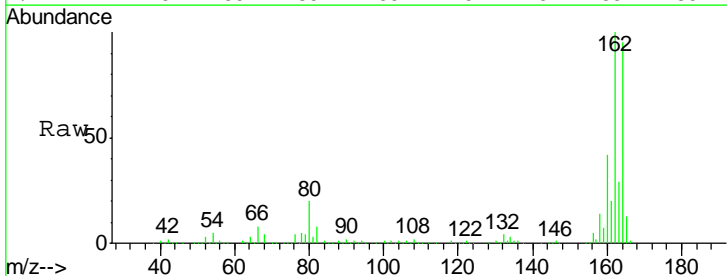
Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.4	44.0
170	25.7	20.4	30.6

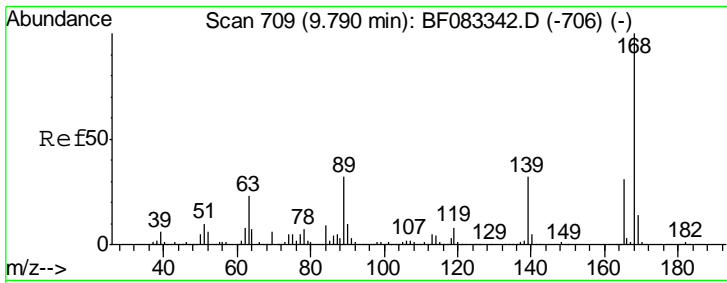


#50
 2,6-Dinitrotoluene
 Concen: 7.54 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.19 min
 Lab File: BF083369.D
 Acq: 1 Dec 2015 8:49

Tgt Ion:165 Resp: 44747

Ion	Ratio	Lower	Upper
165	100		
63	1.4	56.0	84.0#
89	1.6	49.8	74.8#

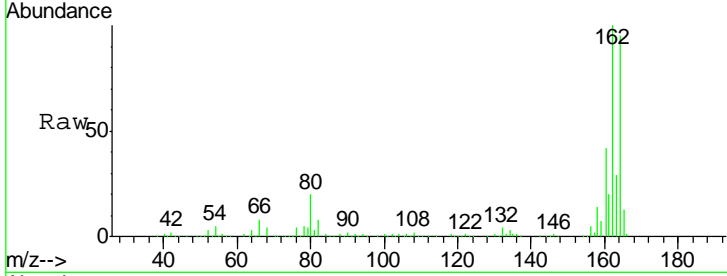




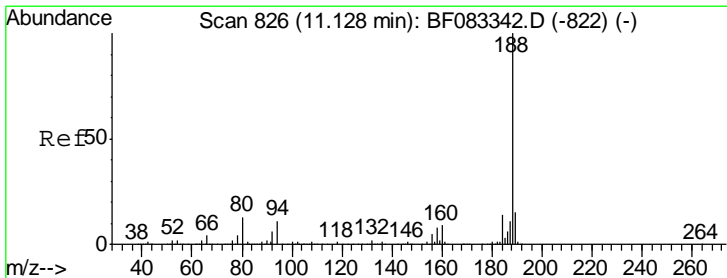
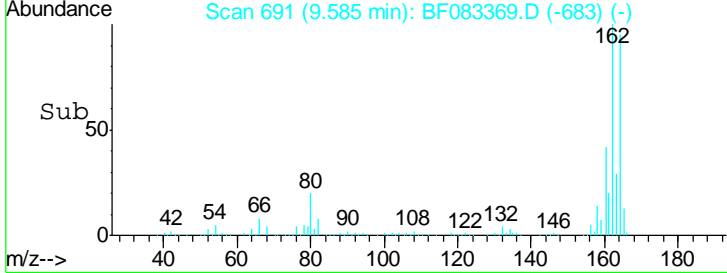
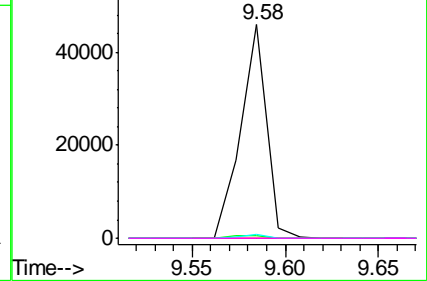
#56
 2,4-Dinitrotoluene
 Concen: 5.94 ng
 RT: 9.58 min Scan# 691
 Delta R.T. -0.21 min
 Lab File: BF083369.D
 Acq: 1 Dec 2015 8:49

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.4	65.4	98.0#
89	1.6	81.2	121.8#
182	0.0	1.8	2.8#

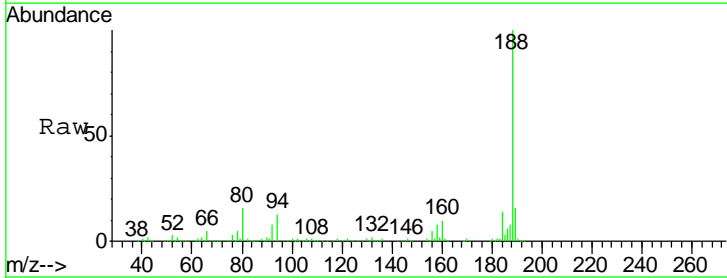


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

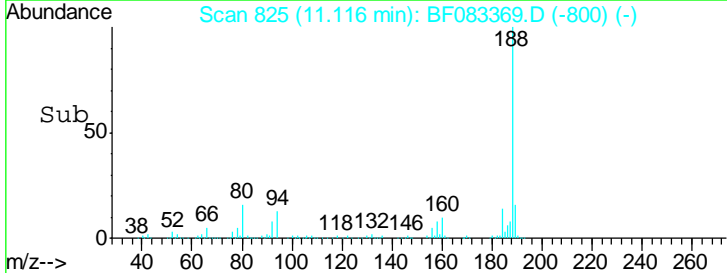
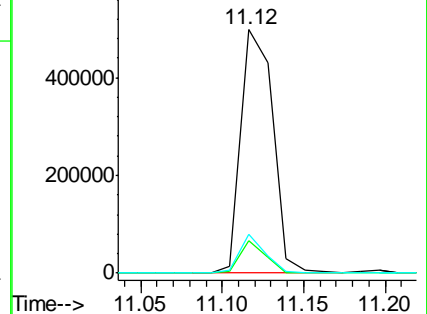


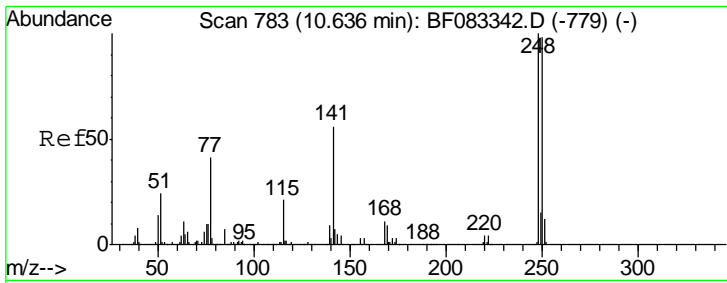
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF083369.D
 Acq: 1 Dec 2015 8:49

Tgt Ion	Resp	Lower	Upper
188	100		
94	13.4	8.7	13.1#
80	16.0	10.3	15.5#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

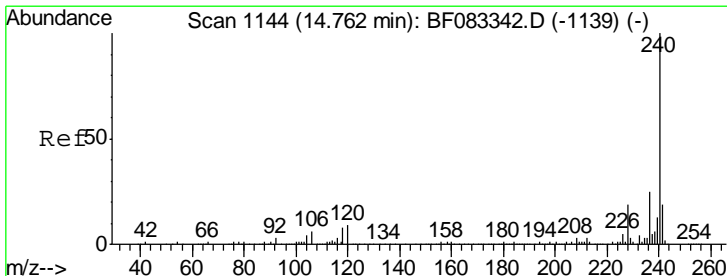
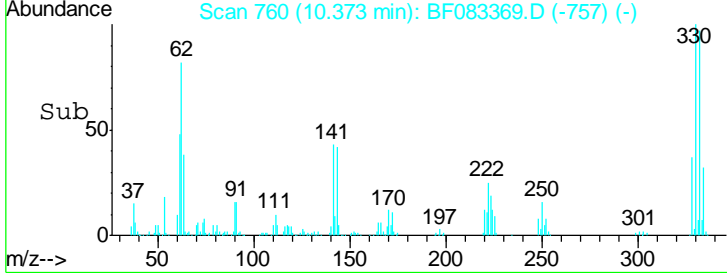
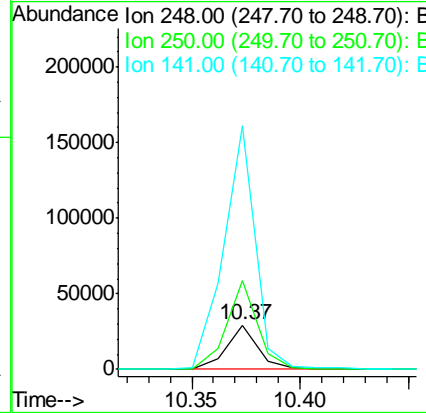
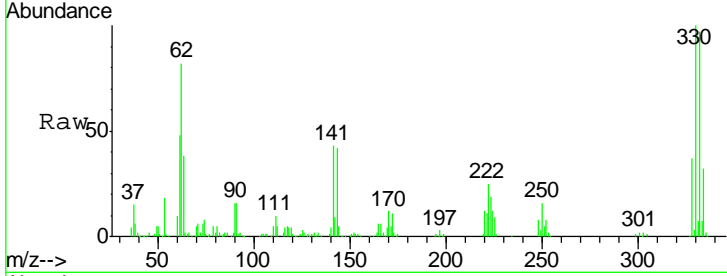




#66
 4-Bromophenyl-phenylether
 Concen: 3.93 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF083369.D
 Acq: 1 Dec 2015 8:49

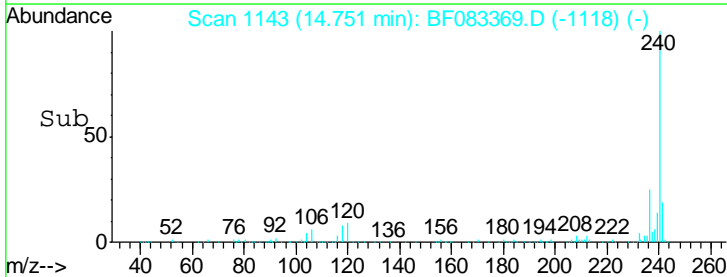
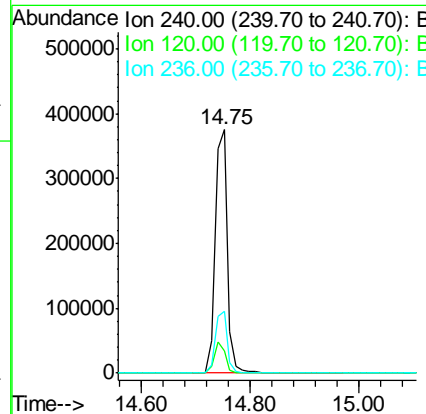
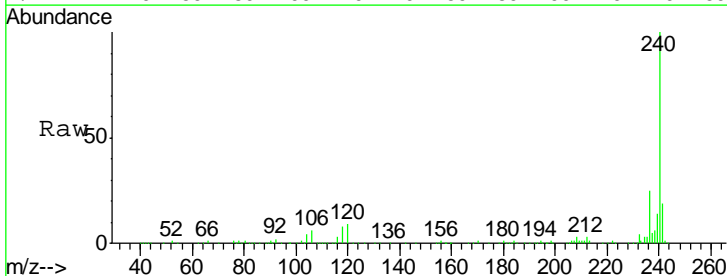
Instrument :
 BNA_F
 ClientSampled :

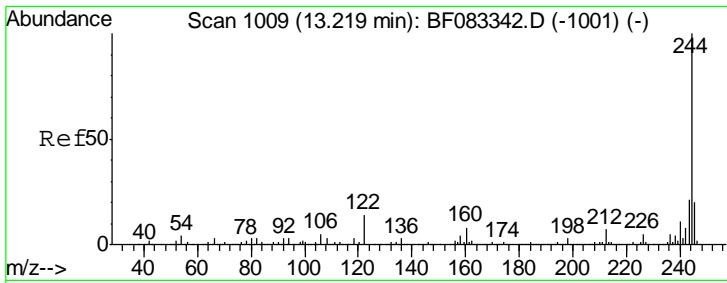
Tgt Ion	Resp	Lower	Upper
248	100		
250	200.8	78.6	118.0#
141	553.0	44.4	66.6#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF083369.D
 Acq: 1 Dec 2015 8:49

Tgt Ion	Resp	Lower	Upper
240	100		
120	9.0	6.9	10.3
236	25.3	19.8	29.6



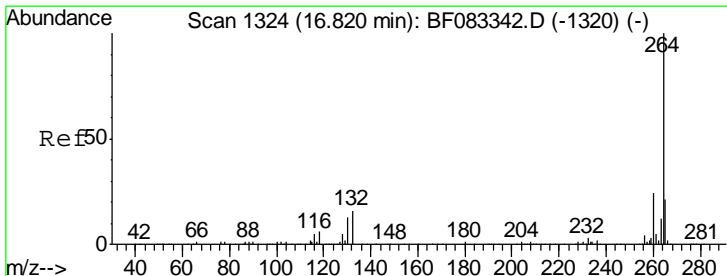
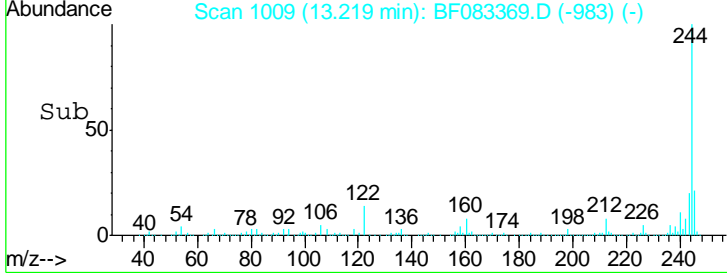
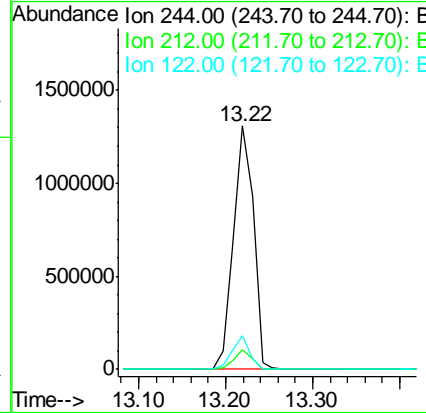
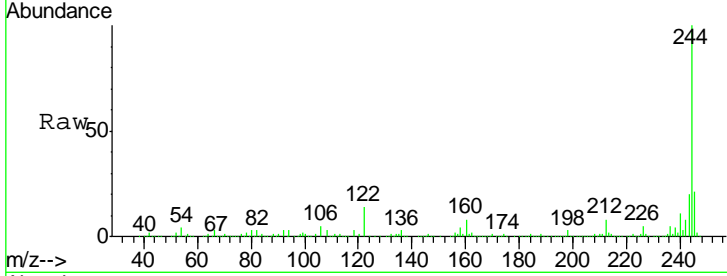


#78
 Terphenyl-d14
 Concen: 83.79 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF083369.D
 Acq: 1 Dec 2015 8:49

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion: 244 Resp: 2075017

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	13.8	11.0	16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.81 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF083369.D
 Acq: 1 Dec 2015 8:49

Tgt Ion: 264 Resp: 399552

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	21.2	16.8	25.2

