

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104823.D
 Acq On : 26 Apr 2018 7:53
 Operator : JU/SJ
 Sample : J2520-16
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 10:37:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	112876	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	466146	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	197109	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	303603	20.00	ng	0.00
75) Chrysene-d12	13.97	240	241489	20.00	ng	-0.01
86) Perylene-d12	15.44	264	181653	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	517160	70.06	ng	0.00
7) Phenol-d6	6.44	99	657288	72.47	ng	0.00
23) Nitrobenzene-d5	7.36	82	411971	57.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	114703	56.10	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	710680	56.96	ng	0.00
78) Terphenyl-d14	12.92	244	505881	47.76	ng	0.00

Target Compounds

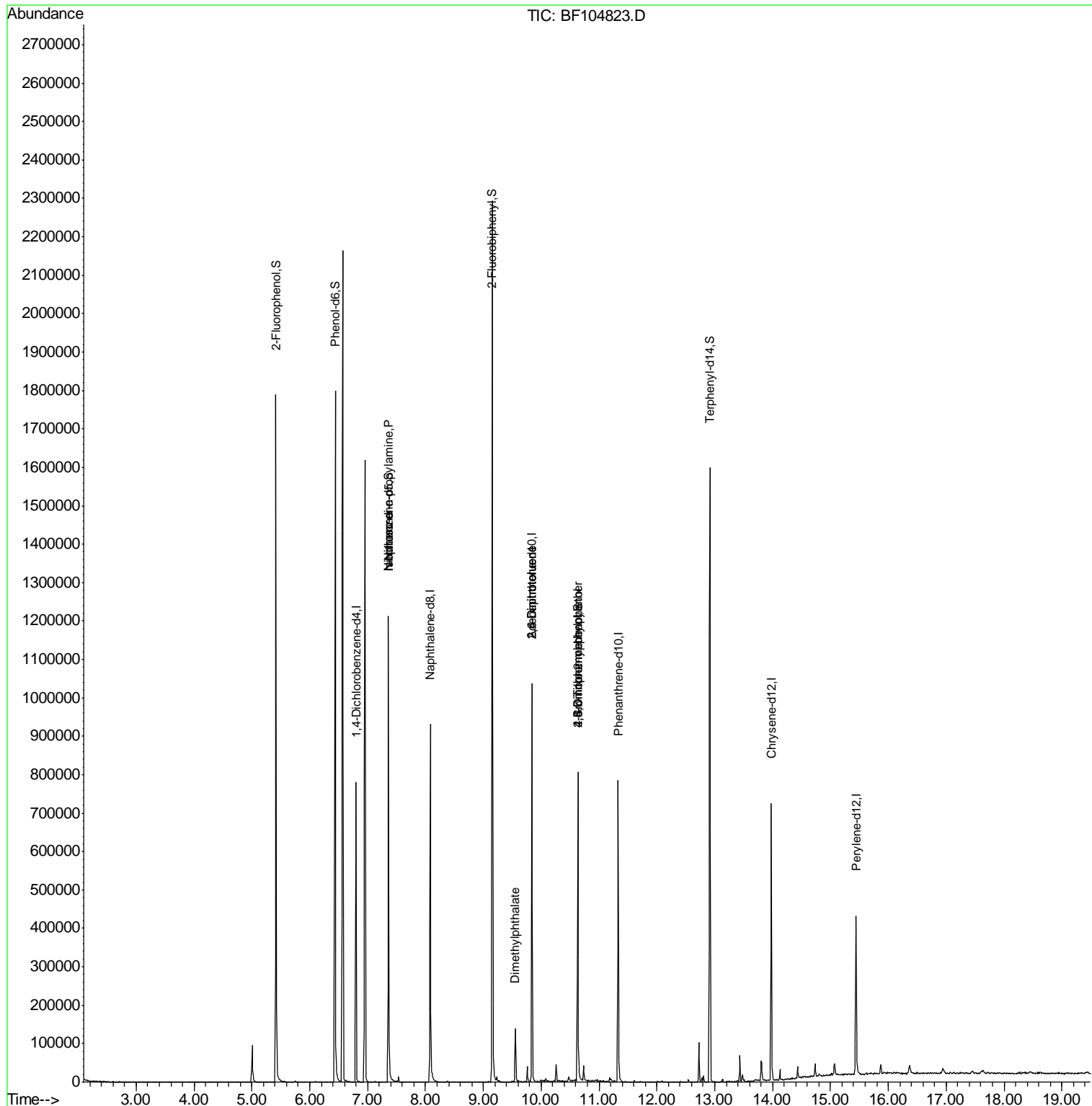
	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.44	77	971	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.36	70	52981	8.939	ng	# 72
25) Isophorone	7.36	82	411968	27.290	ng	# 64
49) Dimethylphthalate	9.55	163	66844	4.300	ng	# 99
50) 2,6-Dinitrotoluene	9.84	165	24845	8.638	ng	# 26
56) 2,4-Dinitrotoluene	9.84	165	24845	6.585	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	118	7.415	ng	# 6
66) 4-Bromophenyl-phenylether	10.63	248	7094	2.197	ng	# 1
76) Benzidine	12.92	184	6370	Below Cal		# 96

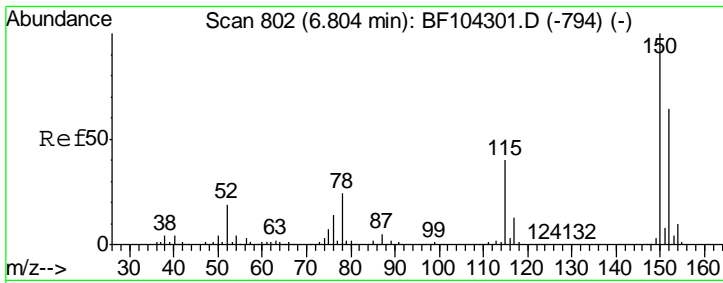
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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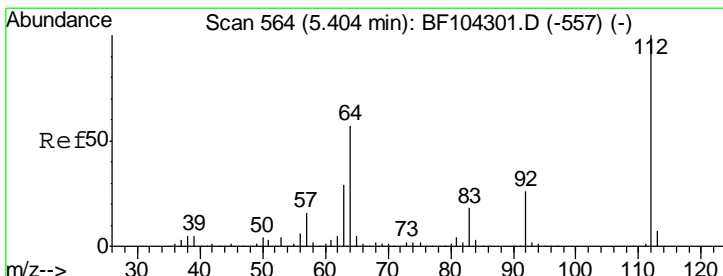
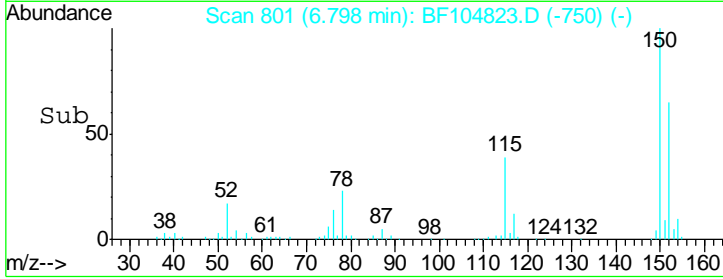
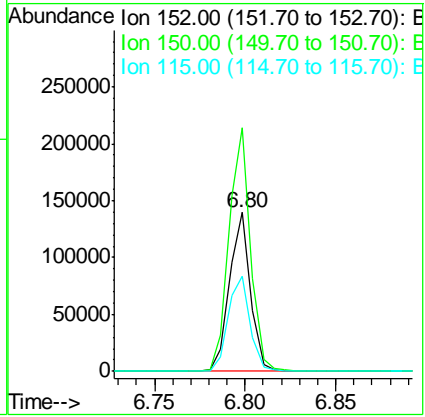
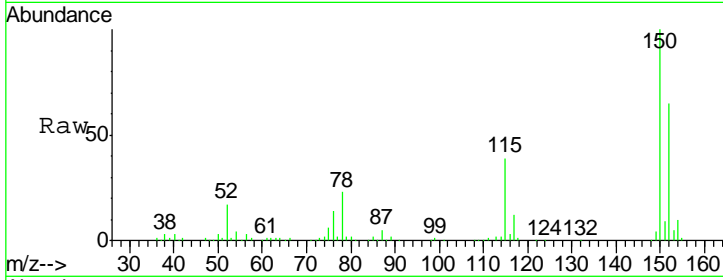




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF104823.D
 Acq: 26 Apr 2018 7:53

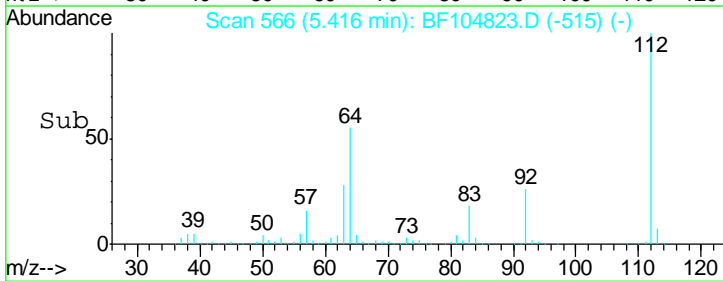
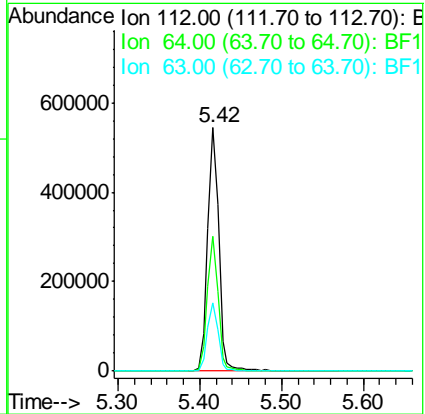
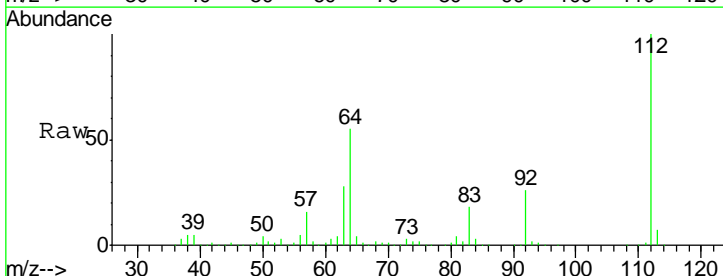
Instrument :
 BNA_F
 ClientSampled :

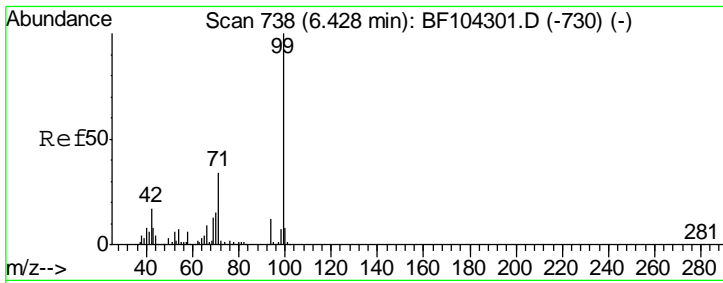
Tgt Ion	Resp	Lower	Upper
152	112876		
150	153.4	124.6	186.8
115	59.7	50.1	75.1



#5
 2-Fluorophenol
 Concen: 70.056 ng
 RT: 5.42 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF104823.D
 Acq: 26 Apr 2018 7:53

Tgt Ion	Resp	Lower	Upper
112	517160		
64	55.3	47.9	71.9
63	28.1	23.7	35.5

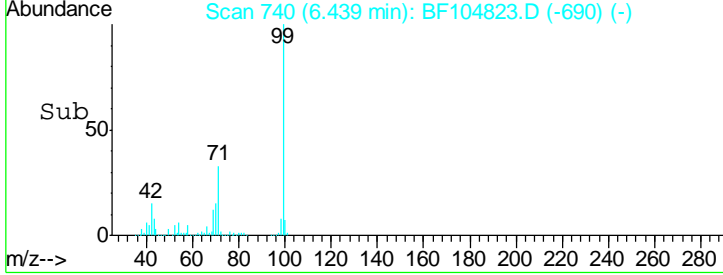
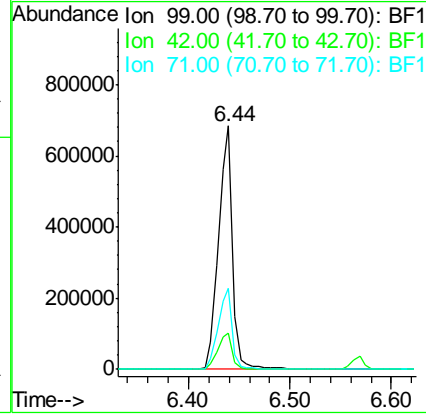
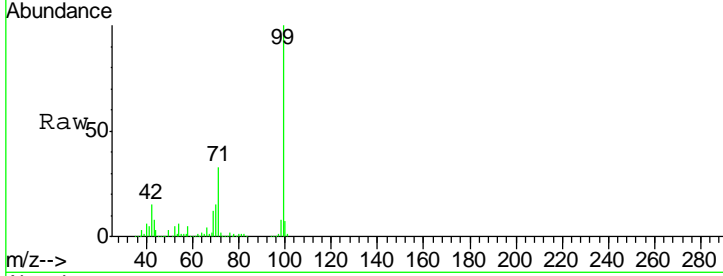




#7
 Phenol-d6
 Concen: 72.467 ng
 RT: 6.44 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF104823.D
 Acq: 26 Apr 2018 7:53

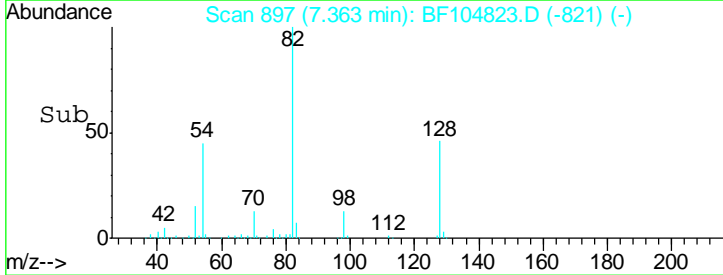
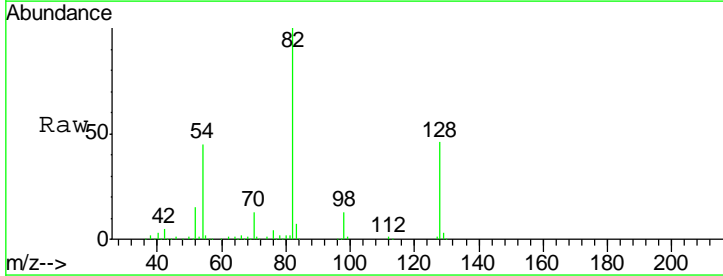
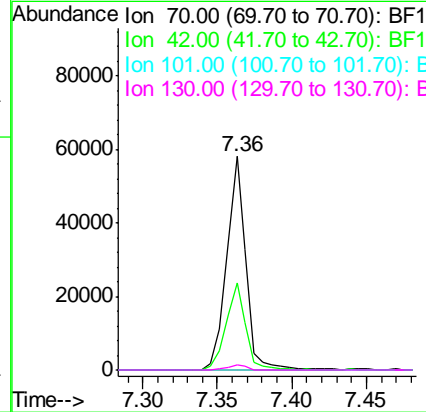
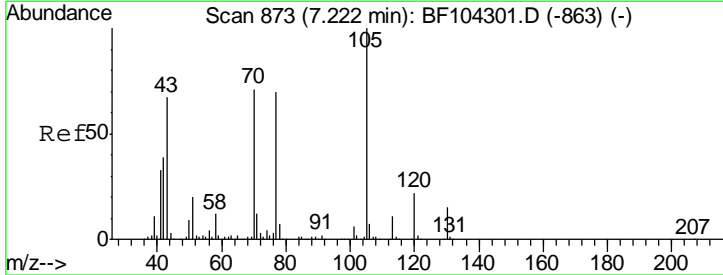
Instrument :
 BNA_F
 ClientSampled :

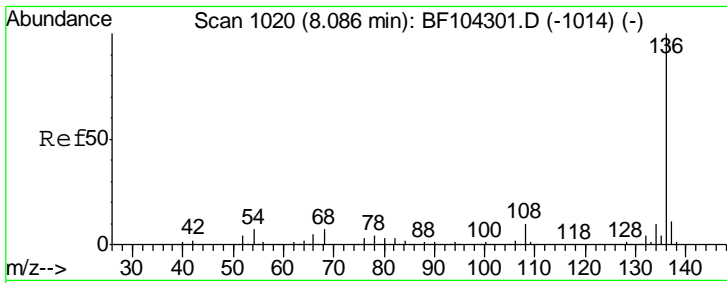
Tgt Ion	Resp	Lower	Upper
99	100		
42	15.1	14.5	21.7
71	33.3	25.4	38.0



#19
 n-Nitroso-di-n-propylamine
 Concen: 8.939 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.15 min
 Lab File: BF104823.D
 Acq: 26 Apr 2018 7:53

Tgt Ion	Resp	Lower	Upper
70	100		
42	41.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



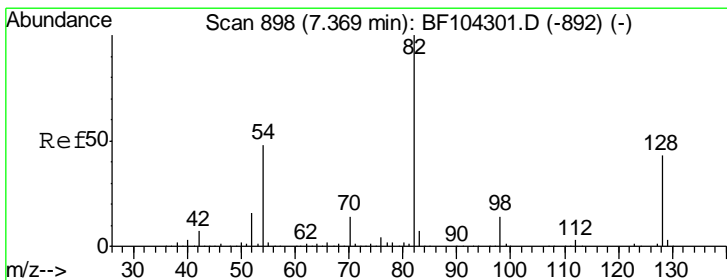
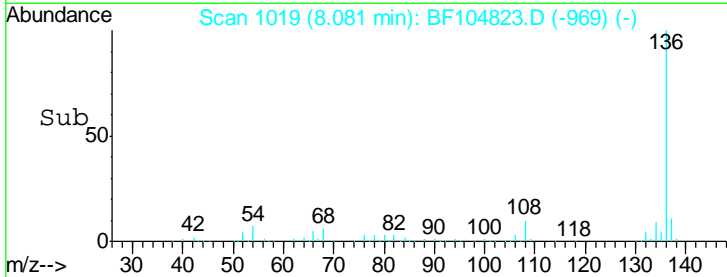
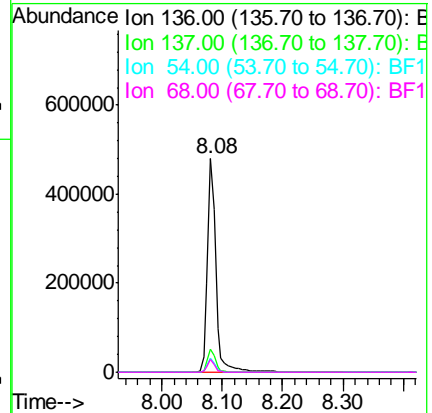
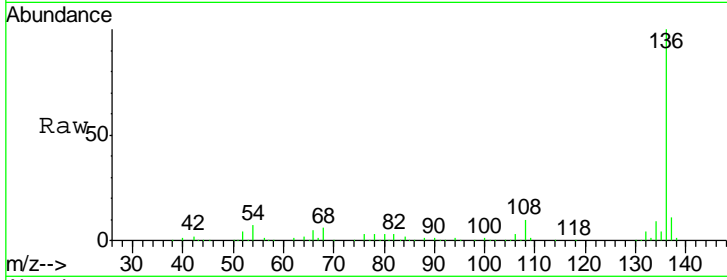


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF104823.D
 Acq: 26 Apr 2018 7:53

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion: 136 Resp: 466146

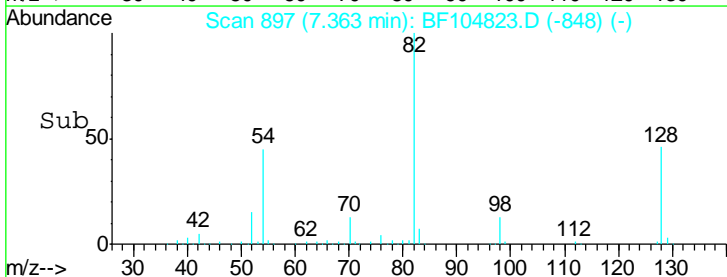
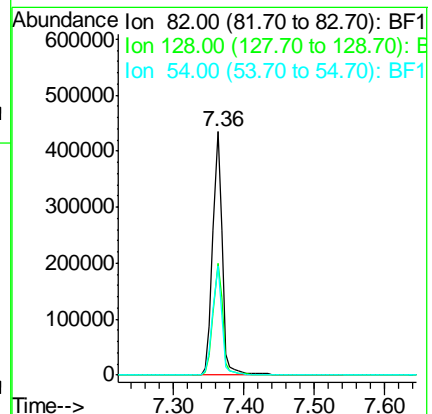
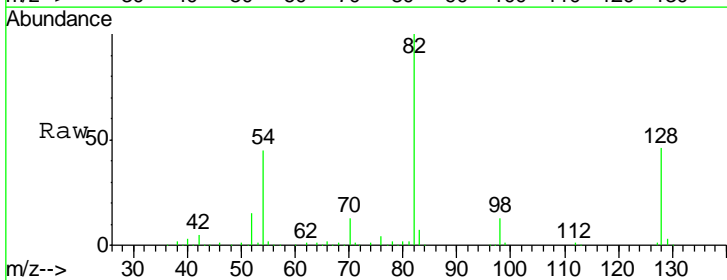
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.8	6.6	9.8
68	5.9	5.0	7.4

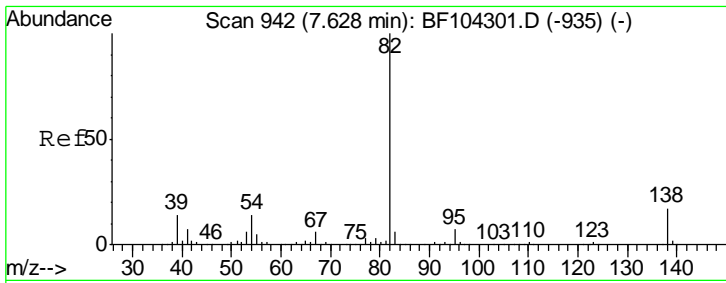


#23
 Nitrobenzene-d5
 Concen: 57.709 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF104823.D
 Acq: 26 Apr 2018 7:53

Tgt Ion: 82 Resp: 411971

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	44.7	41.4	62.2

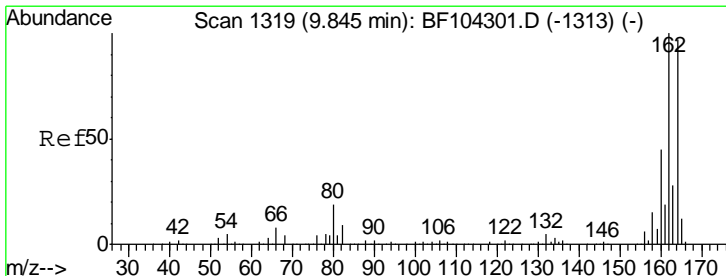
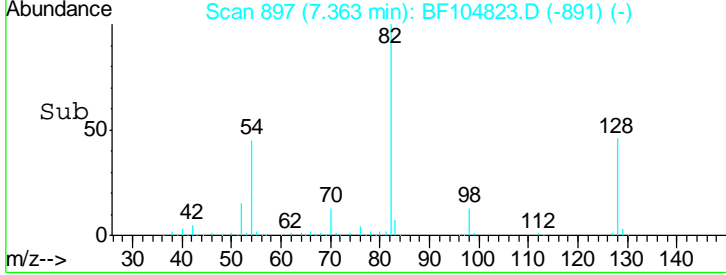
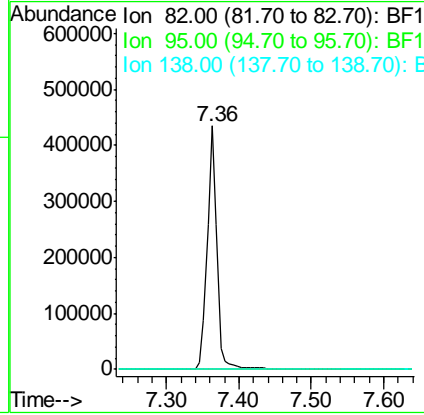
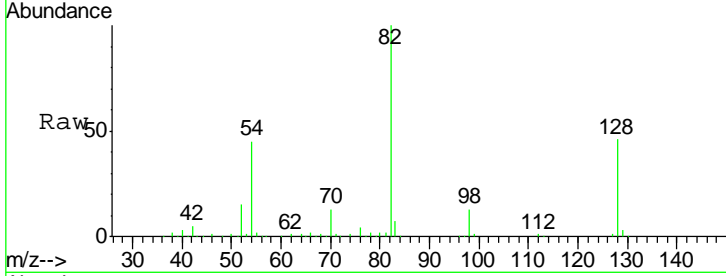




#25
 Isophorone
 Concen: 27.290 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.26 min
 Lab File: BF104823.D
 Acq: 26 Apr 2018 7:53

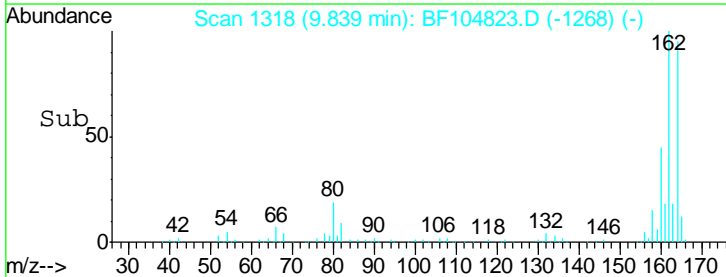
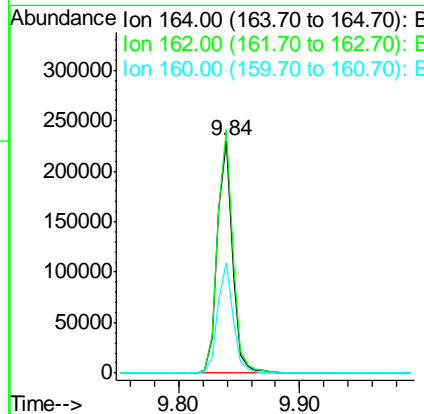
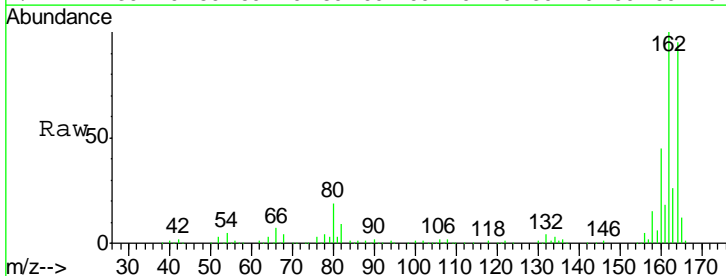
Instrument :
 BNA_F
 ClientSampled :

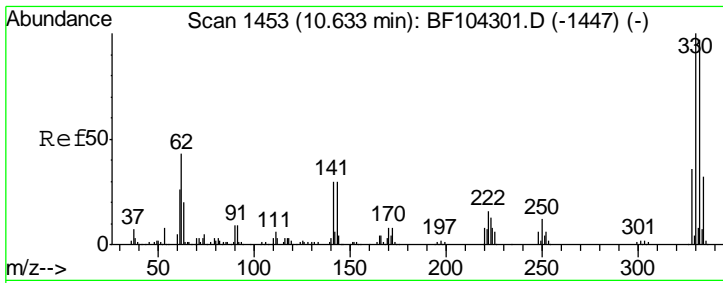
Tgt Ion	Resp	Lower	Upper
82	411968		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104823.D
 Acq: 26 Apr 2018 7:53

Tgt Ion	Resp	Lower	Upper
164	197109		
162	104.8	86.1	129.1
160	47.6	38.3	57.5

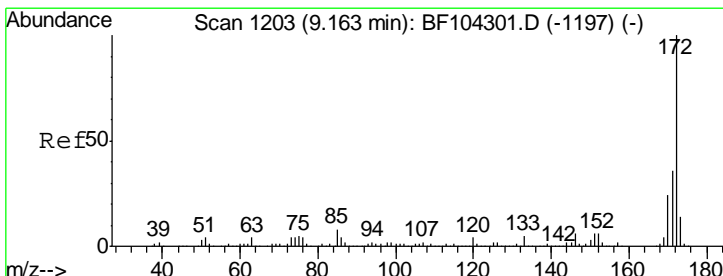
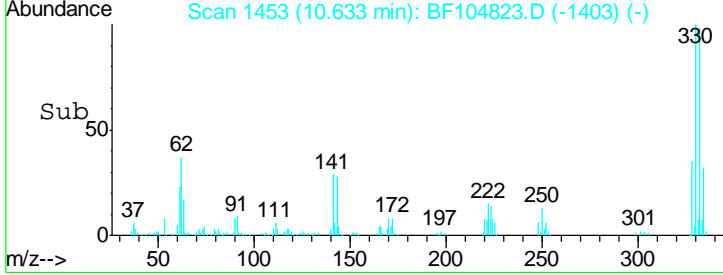
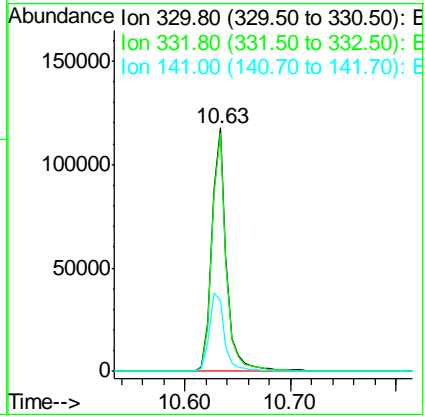
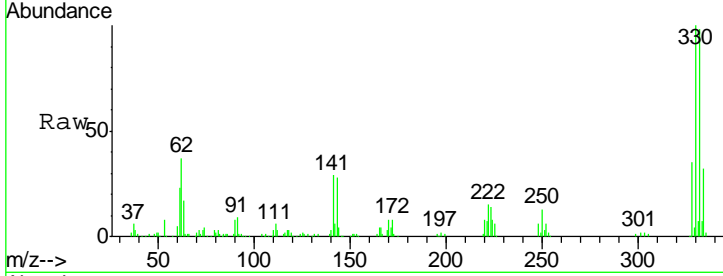




#41
 2,4,6-Tribromophenol
 Concen: 56.099 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104823.D
 Acq: 26 Apr 2018 7:53

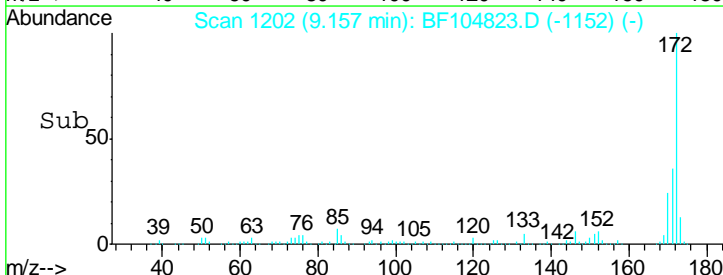
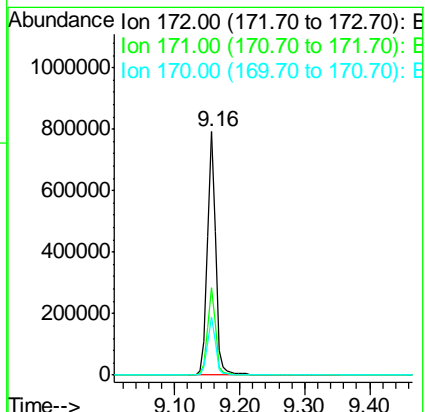
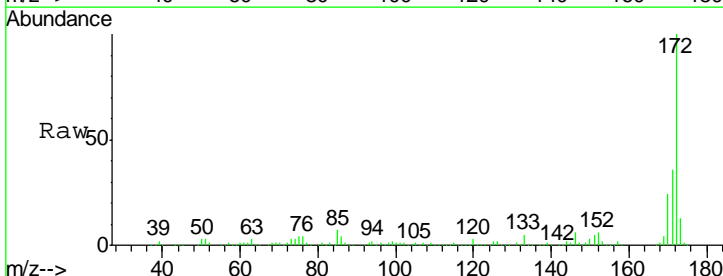
Instrument :
 BNA_F
 ClientSampled :

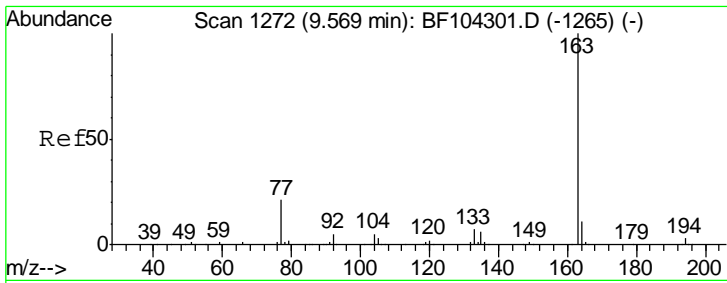
Tgt Ion	Resp	Lower	Upper
330	114703		
332	96.8	77.0	115.6
141	33.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 56.958 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104823.D
 Acq: 26 Apr 2018 7:53

Tgt Ion	Resp	Lower	Upper
172	710680		
171	36.1	29.7	44.5
170	23.7	19.6	29.4



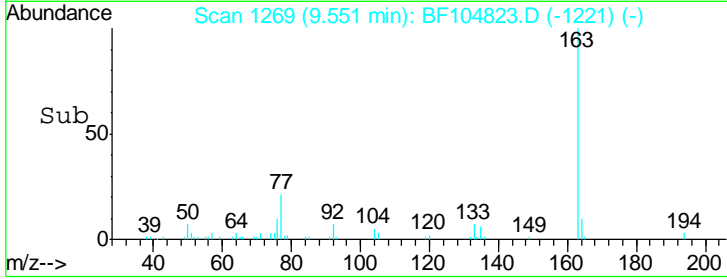
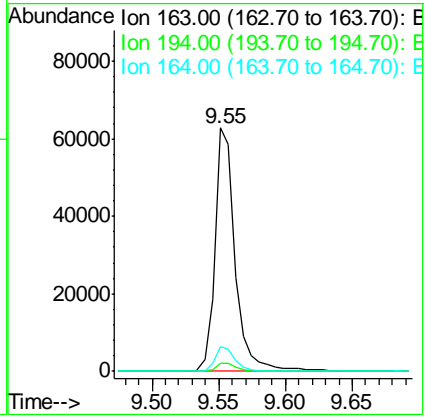
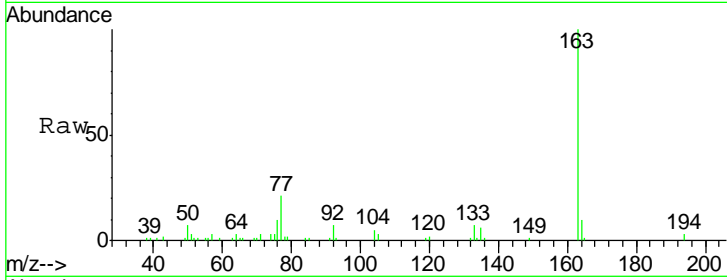


#49
 Dimethylphthalate
 Concen: 4.300 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.02 min
 Lab File: BF104823.D
 Acq: 26 Apr 2018 7:53

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:163 Resp: 66844

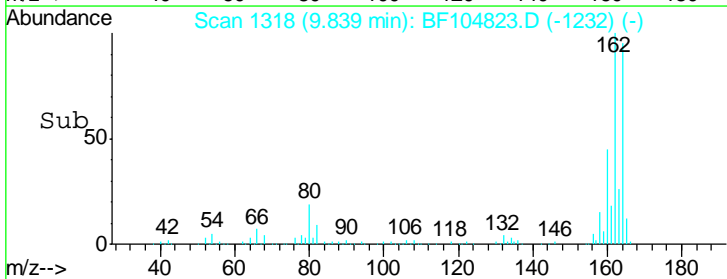
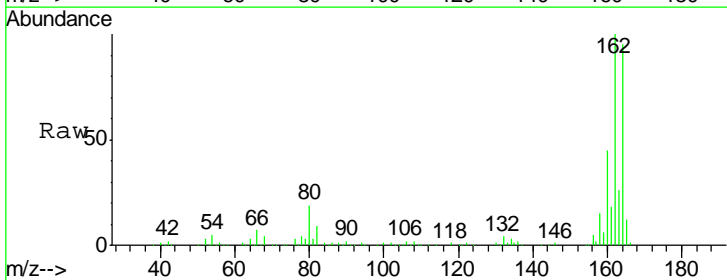
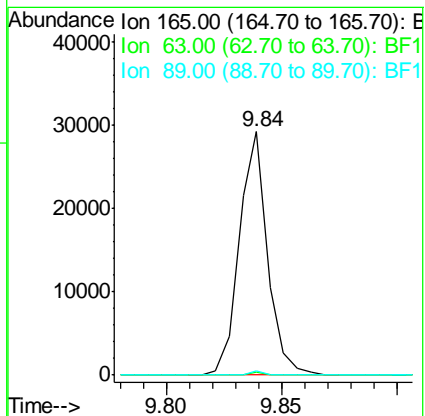
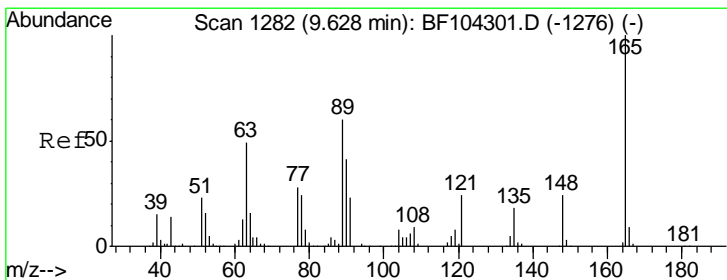
Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.9	8.2	12.2

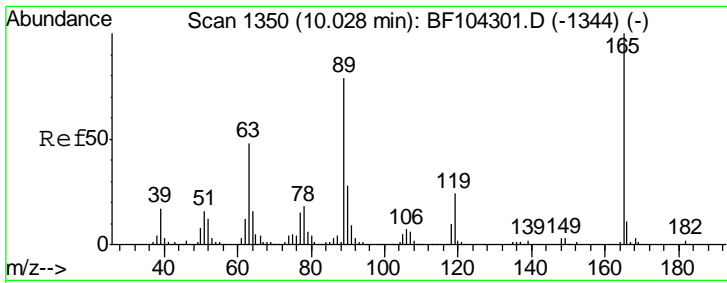


#50
 2,6-Dinitrotoluene
 Concen: 8.638 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.21 min
 Lab File: BF104823.D
 Acq: 26 Apr 2018 7:53

Tgt Ion:165 Resp: 24845

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.5	44.0	66.0#

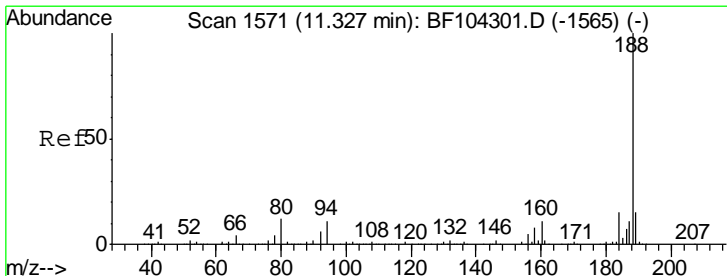
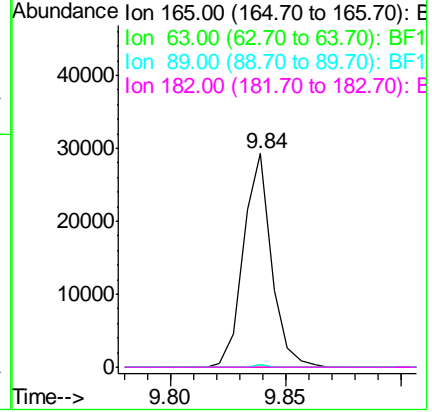
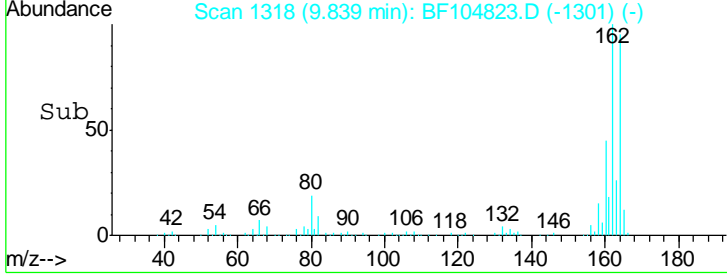
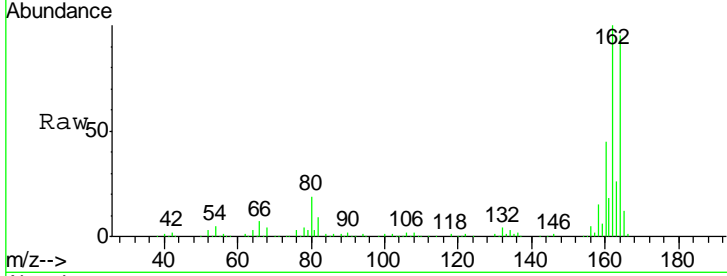




#56
 2,4-Dinitrotoluene
 Concen: 6.585 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.20 min
 Lab File: BF104823.D
 Acq: 26 Apr 2018 7:53

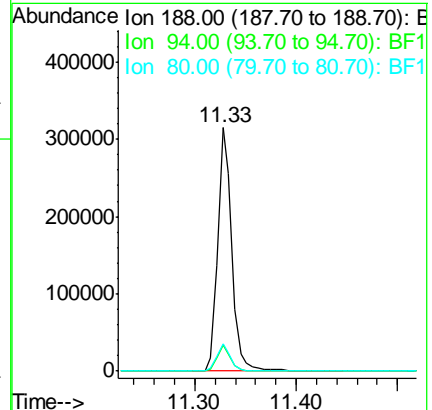
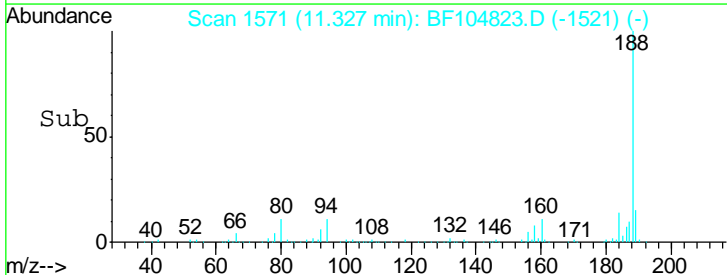
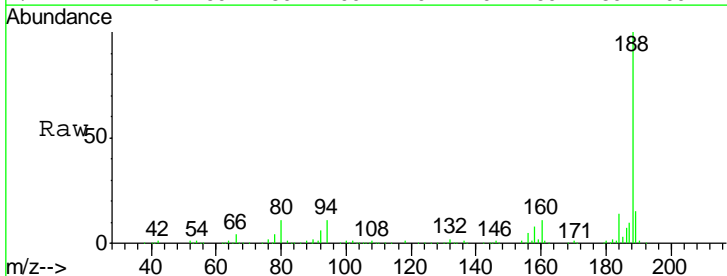
Instrument :
 BNA_F
 ClientSampled :

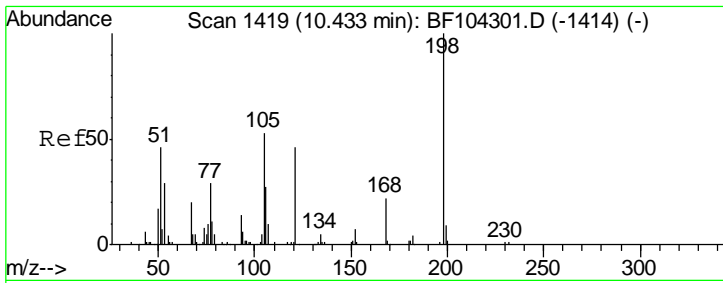
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF104823.D
 Acq: 26 Apr 2018 7:53

Tgt Ion	Resp	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.0	9.2	13.8

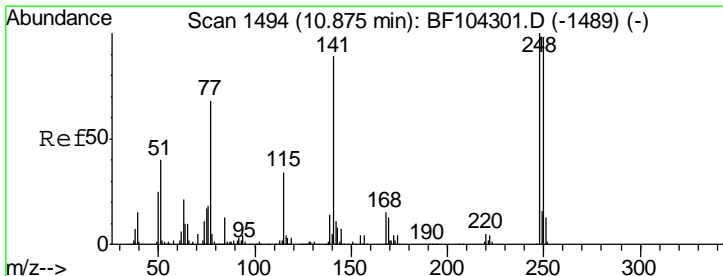
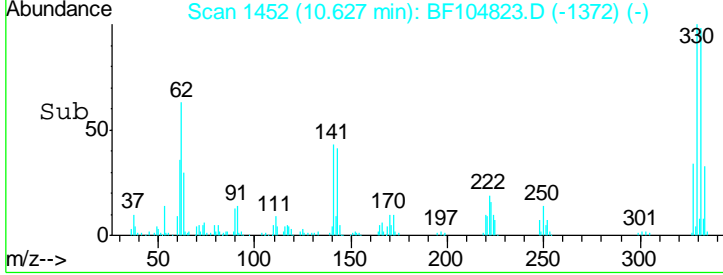
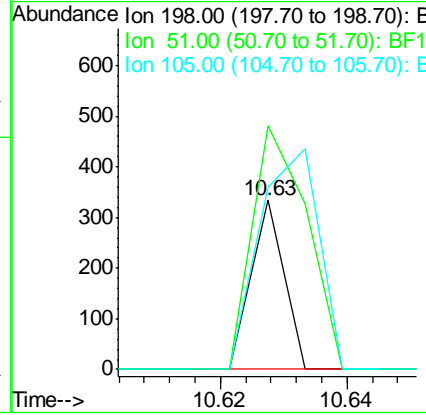
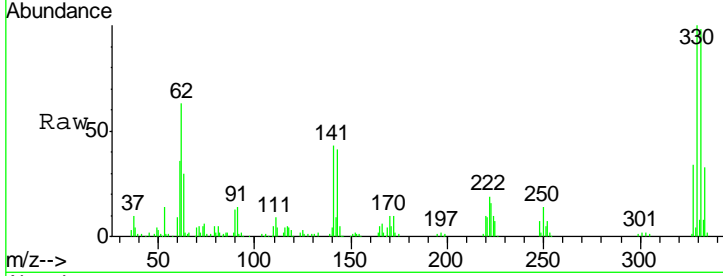




#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.415 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.17 min
 Lab File: BF104823.D
 Acq: 26 Apr 2018 7:53

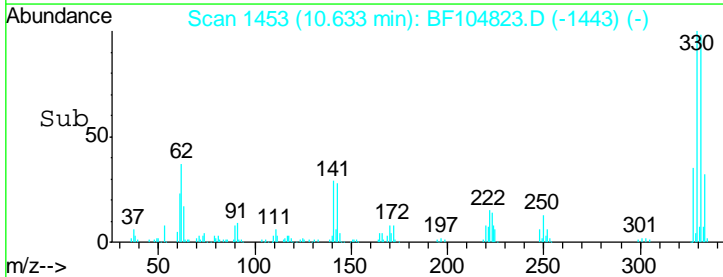
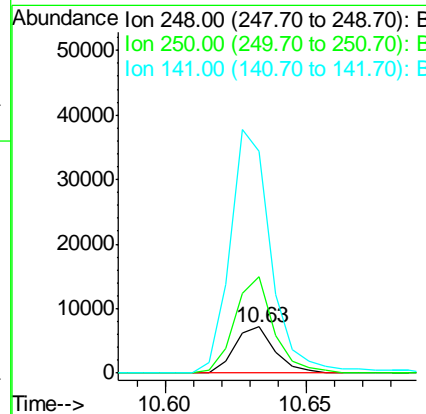
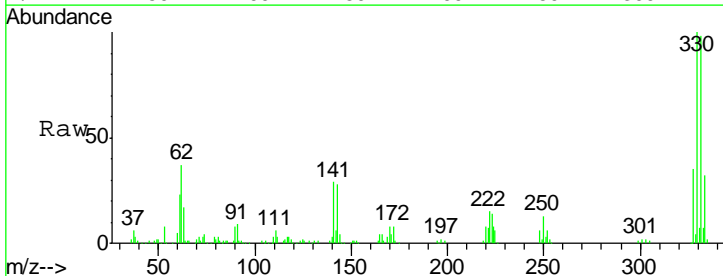
Instrument :
 BNA_F
 ClientSampled :

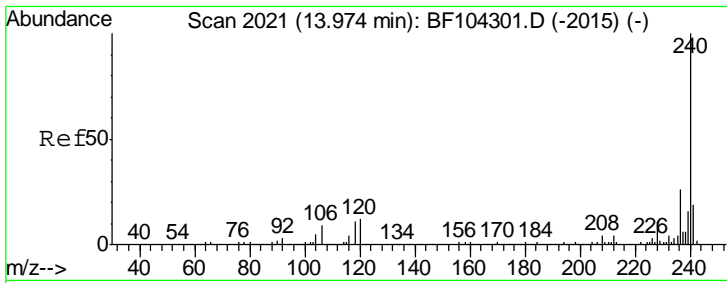
Tgt Ion	Resp	Lower	Upper
198	100		
51	144.0	37.7	77.7#
105	108.1	36.3	76.3#



#66
 4-Bromophenyl-phenylether
 Concen: 2.197 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.24 min
 Lab File: BF104823.D
 Acq: 26 Apr 2018 7:53

Tgt Ion	Resp	Lower	Upper
248	100		
250	206.9	76.9	115.3#
141	478.3	74.4	111.6#

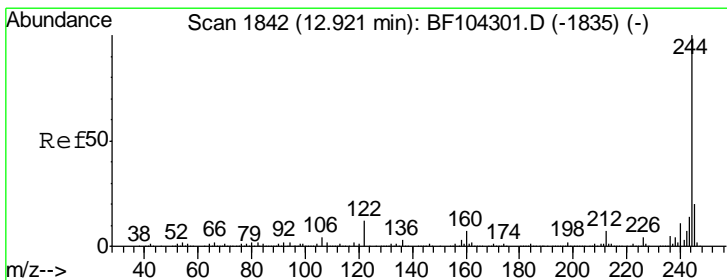
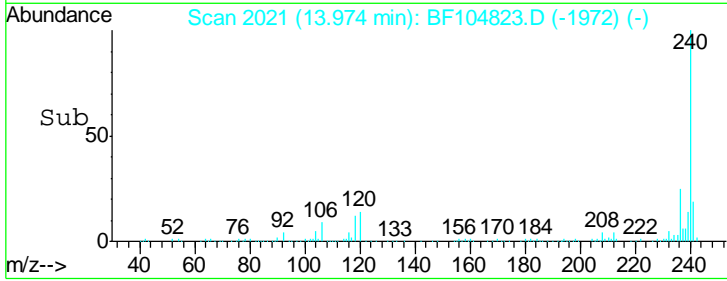
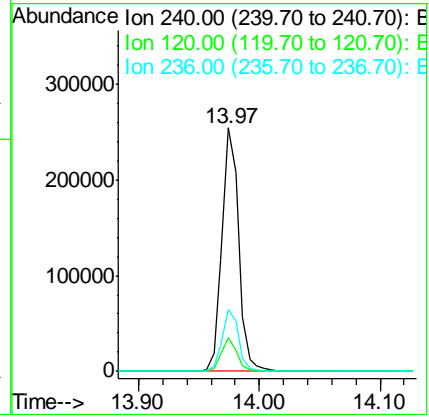
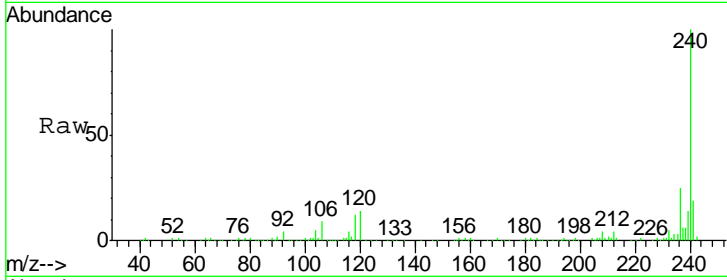




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF104823.D
 Acq: 26 Apr 2018 7:53

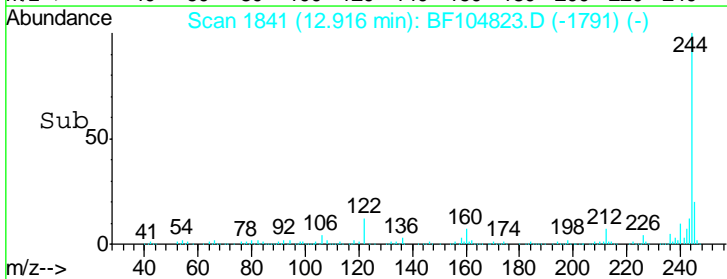
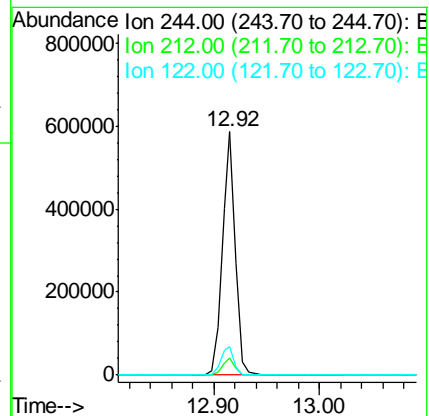
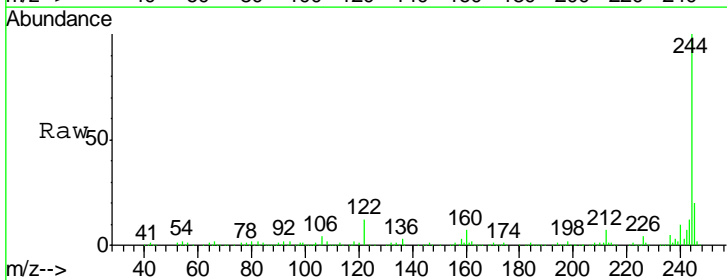
Instrument :
 BNA_F
 ClientSampled :

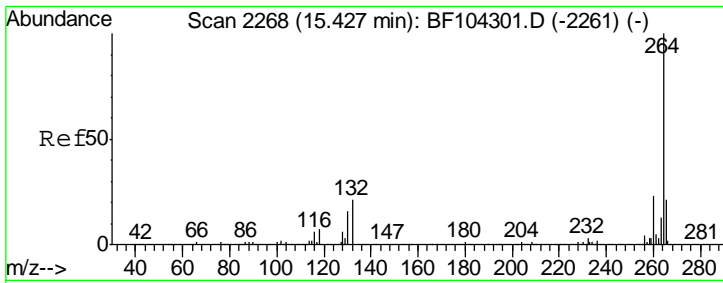
Tgt Ion	Resp	Lower	Upper
240	241489		
240	100		
120	13.7	9.5	14.3
236	25.4	20.7	31.1



#78
 Terphenyl-d14
 Concen: 47.759 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104823.D
 Acq: 26 Apr 2018 7:53

Tgt Ion	Resp	Lower	Upper
244	505881		
244	100		
212	6.9	5.4	8.0
122	11.6	11.0	16.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF104823.D
 Acq: 26 Apr 2018 7:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
181653	264	100		
	260	22.8	19.2	28.8
	265	21.6	17.5	26.3

