

Data Path : Z:\HPCHEM1\BNA F\Data\BF123015\
 Data File : BF084179.D
 Acq On : 31 Dec 2015 7:00
 Operator : UM/SJ
 Sample : G4979-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 31 16:02:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 04:29:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	320387	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1324498	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	549677	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	975411	20.00	ng	0.00
75) Chrysene-d12	14.07	240	757704	20.00	ng	0.00
86) Perylene-d12	15.51	264	567826	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1121325	56.13	ng	0.00
7) Phenol-d6	6.52	99	1067619	41.28	ng	0.00
23) Nitrobenzene-d5	7.47	82	2218187	98.96	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	768668	140.10	ng	0.01
44) 2-Fluorobiphenyl	9.26	172	3011940	97.28	ng	0.00
78) Terphenyl-d14	13.01	244	2743428	85.28	ng	0.00

Target Compounds

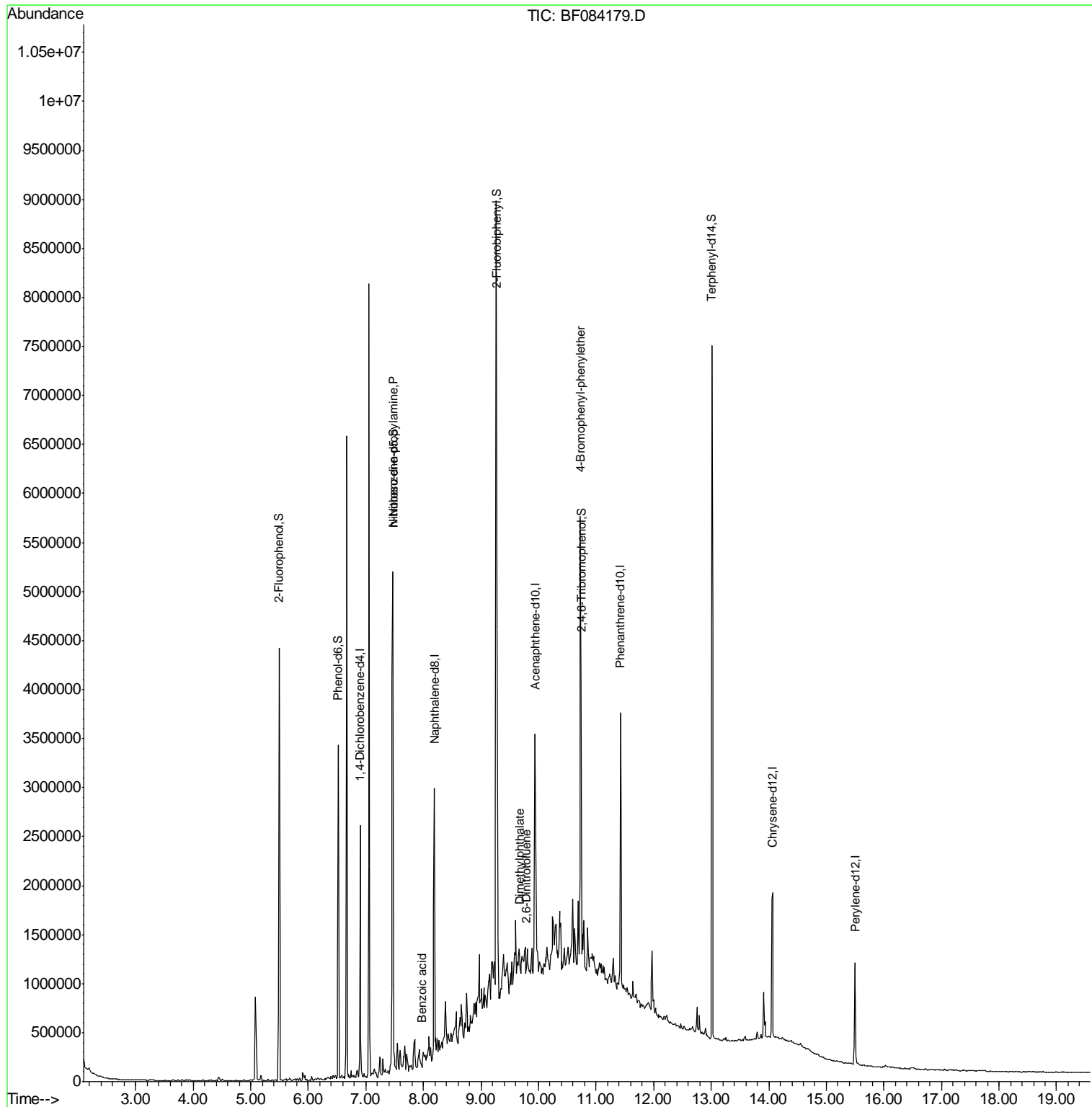
						Qvalue
9) Benzaldehyde	6.44	77	2308	Below Cal		93
14) 1,2-Dichlorobenzene	7.07	146	856	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.47	70	325380	19.11	ng	# 70
26) 2-Nitrophenol	7.78	139	1163	Below Cal	#	1
32) Benzoic acid	7.97	122	4841	3.82	ng	# 65
49) Dimethylphthalate	9.66	163	115358	2.92	ng	99
50) 2,6-Dinitrotoluene	9.79	165	4343	2.42	ng	# 1
59) Diethylphthalate	10.36	149	22112	Below Cal	#	66
60) 4-Chlorophenyl-phenylether	10.46	204	5034	Below Cal	#	23
66) 4-Bromophenyl-phenylether	10.73	248	48407	4.62	ng	# 1
73) Di-n-butylphthalate	12.00	149	26414	Below Cal	#	89
74) Fluoranthene	12.86	202	10098	Below Cal		77

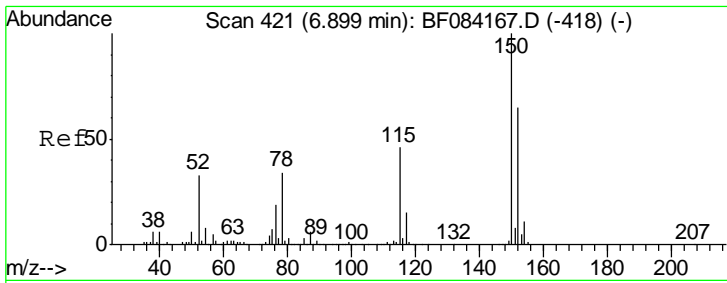
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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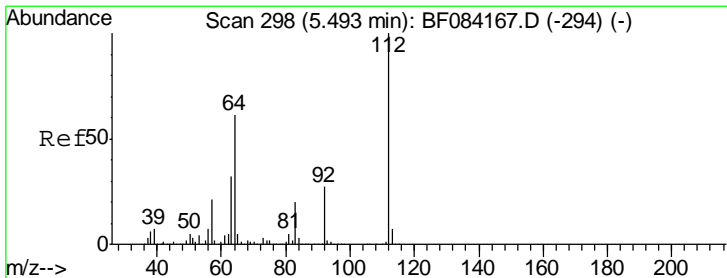
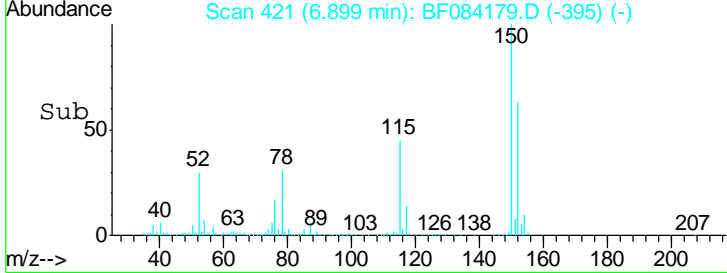
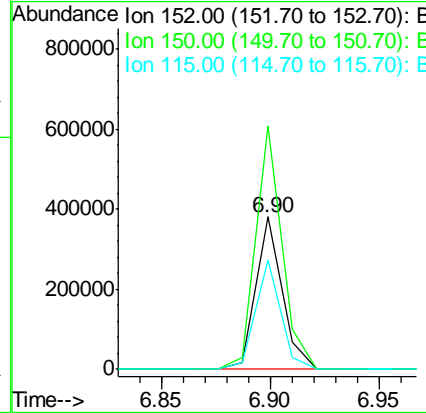
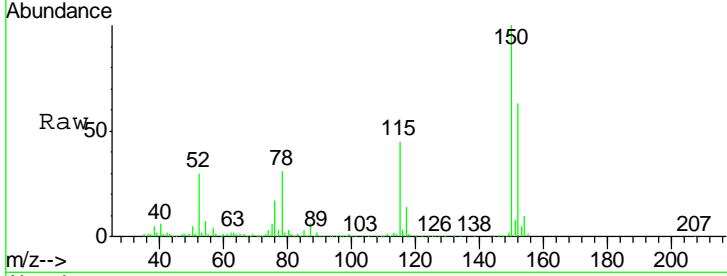




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BF084179.D
 Acq: 31 Dec 2015 7:00

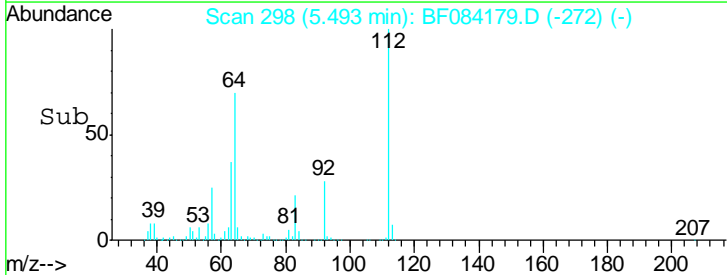
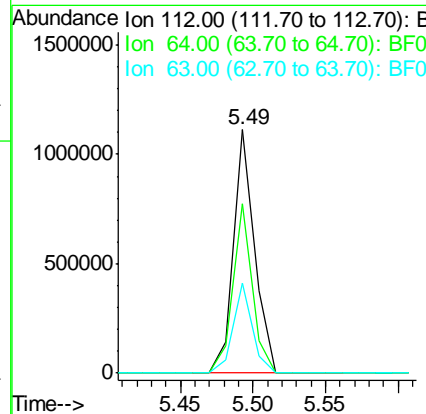
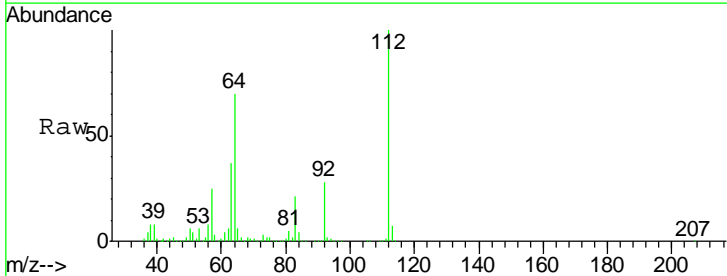
Instrument :
 BNA_F
 ClientSampled :

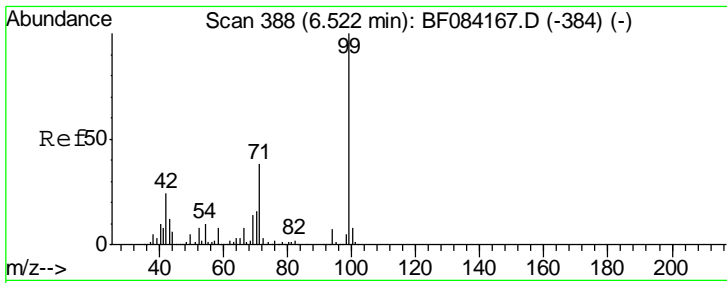
Tgt Ion	Resp	Lower	Upper
152	100		
150	159.5	123.8	185.8
115	71.6	57.1	85.7



#5
 2-Fluorophenol
 Concen: 56.13 ng
 RT: 5.49 min Scan# 298
 Delta R.T. -0.00 min
 Lab File: BF084179.D
 Acq: 31 Dec 2015 7:00

Tgt Ion	Resp	Lower	Upper
112	100		
64	69.7	48.7	73.1
63	37.0	25.9	38.9

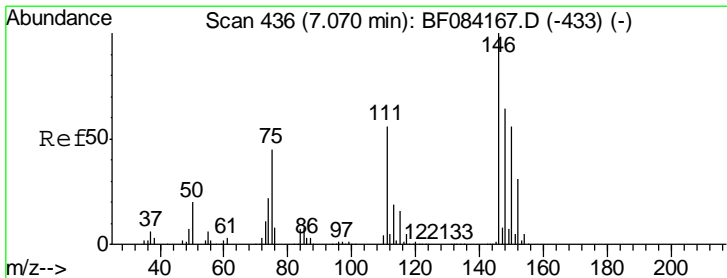
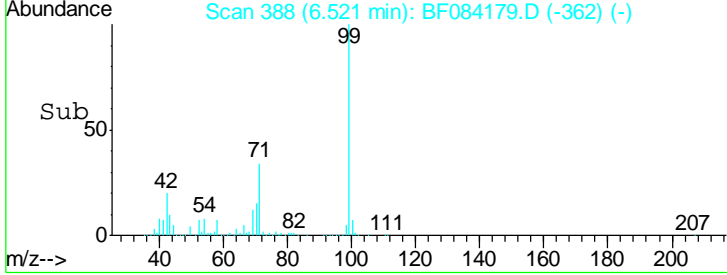
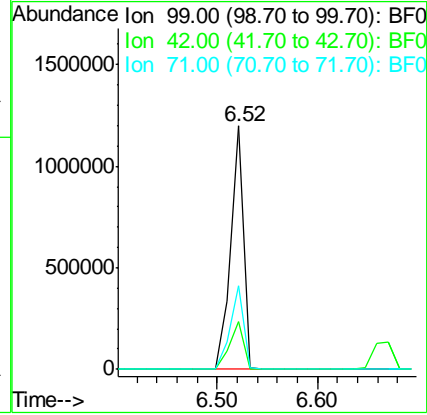
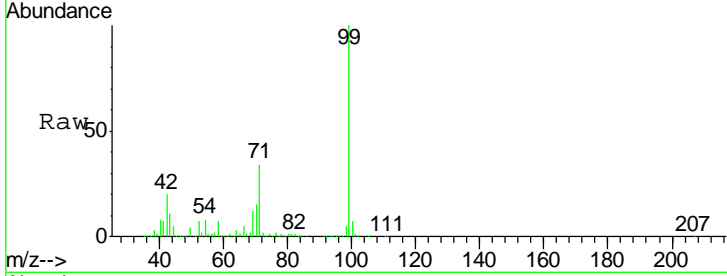




#7
 Phenol-d6
 Concen: 41.28 ng
 RT: 6.52 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: BF084179.D
 Acq: 31 Dec 2015 7:00

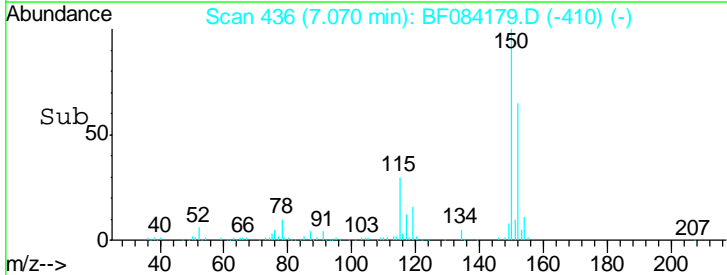
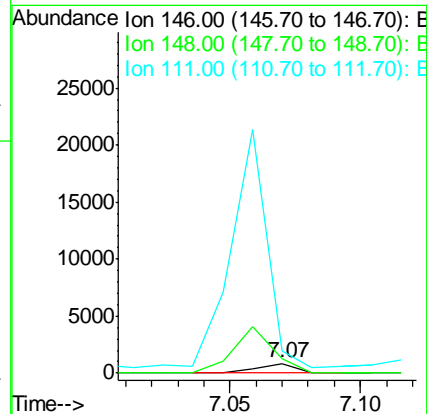
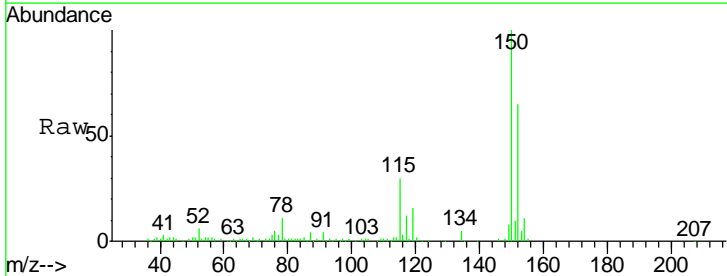
Instrument :
 BNA_F
 ClientSampled :

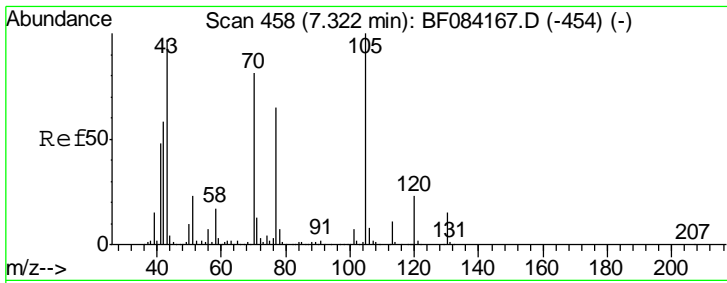
Tgt Ion	Resp	Lower	Upper
99	1067619		
42	19.8	19.2	28.8
71	34.1	30.4	45.6



#14
 1,2-Dichlorobenzene
 Concen: Below Cal
 RT: 7.07 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF084179.D
 Acq: 31 Dec 2015 7:00

Tgt Ion	Resp	Lower	Upper
146	856		
148	148.0	51.3	76.9#
111	224.5	45.0	67.4#

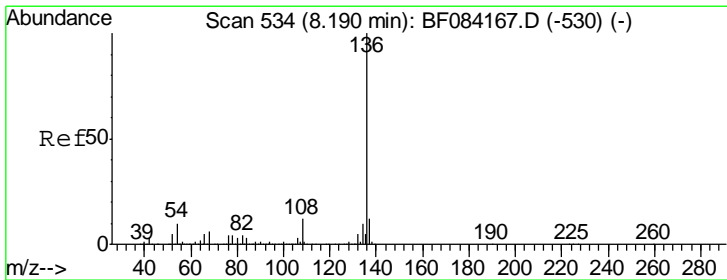
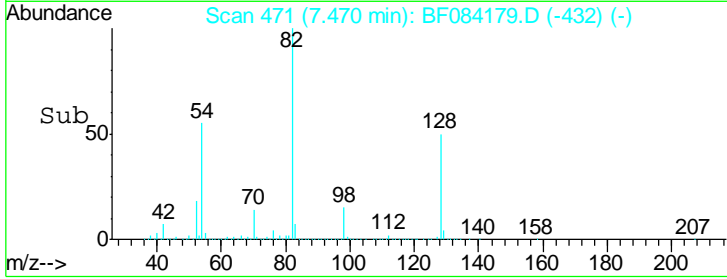
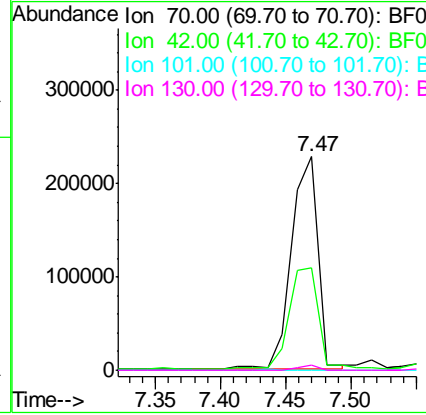
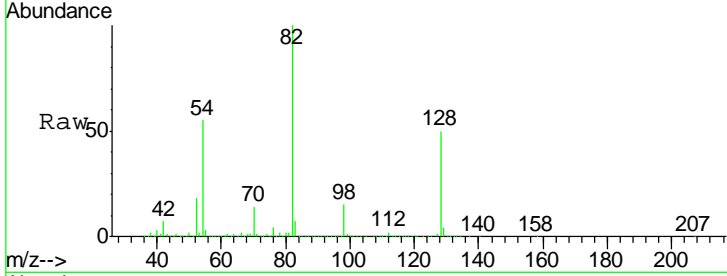




#19
 n-Nitroso-di-n-propylamine
 Concen: 19.11 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.15 min
 Lab File: BF084179.D
 Acq: 31 Dec 2015 7:00

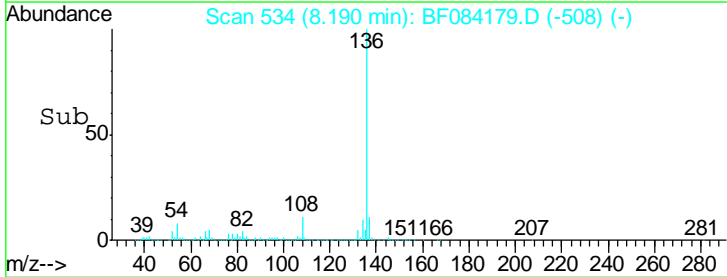
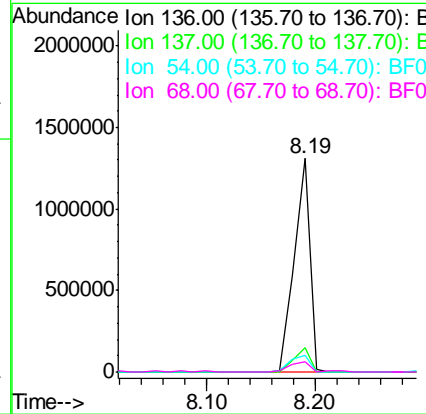
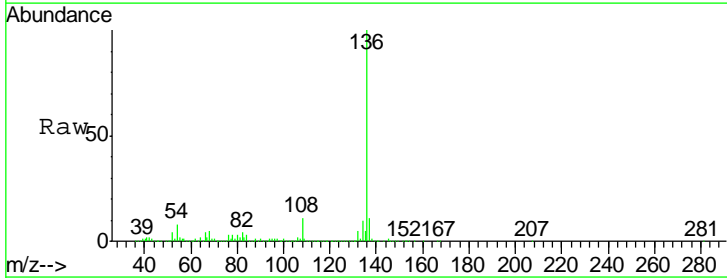
Instrument :
 BNA_F
 ClientSampled :

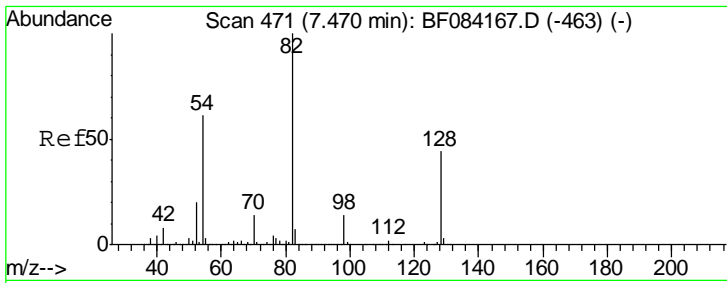
Tgt Ion	Resp	Lower	Upper
70	100		
42	48.0	57.4	86.0#
101	0.2	7.3	10.9#
130	2.3	14.7	22.1#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.19 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BF084179.D
 Acq: 31 Dec 2015 7:00

Tgt Ion	Resp	Lower	Upper
136	100		
137	11.3	9.4	14.0
54	7.8	7.6	11.4
68	5.0	4.6	6.8

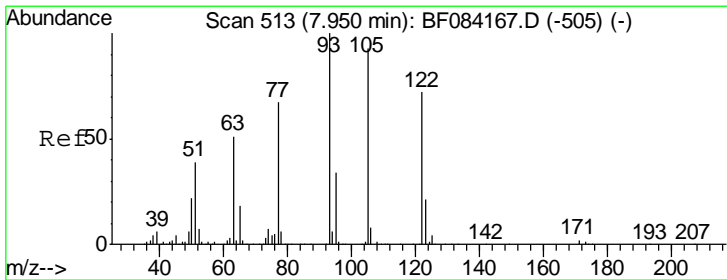
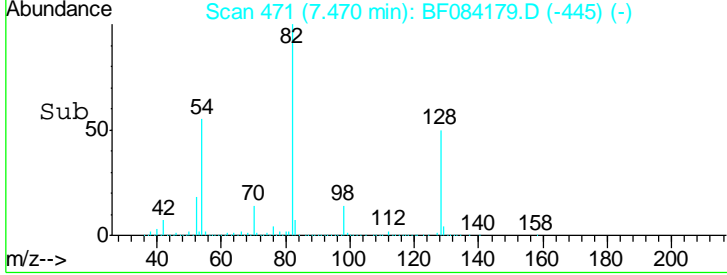
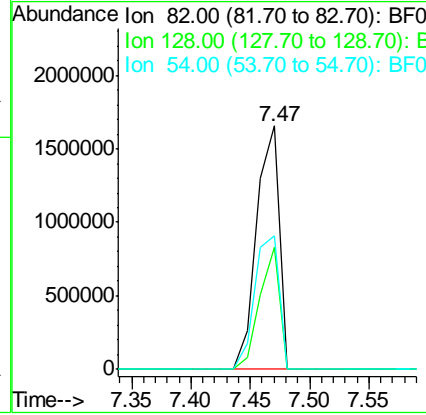
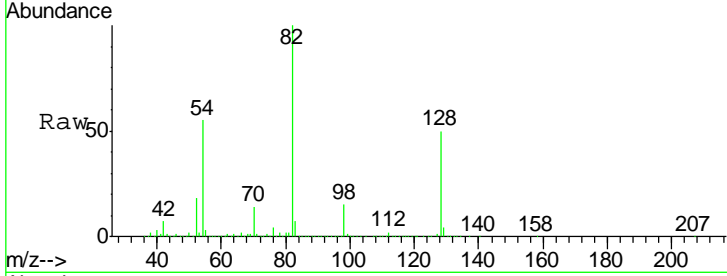




#23
 Nitrobenzene-d5
 Concen: 98.96 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF084179.D
 Acq: 31 Dec 2015 7:00

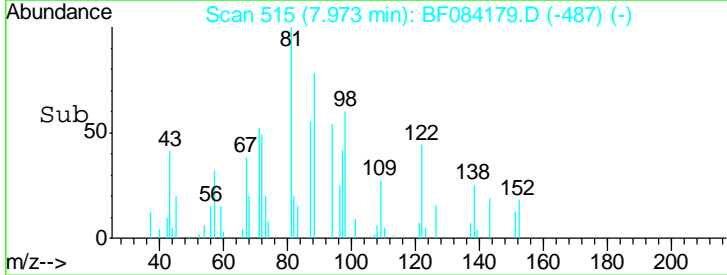
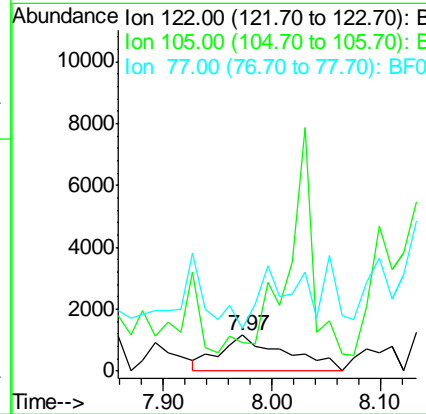
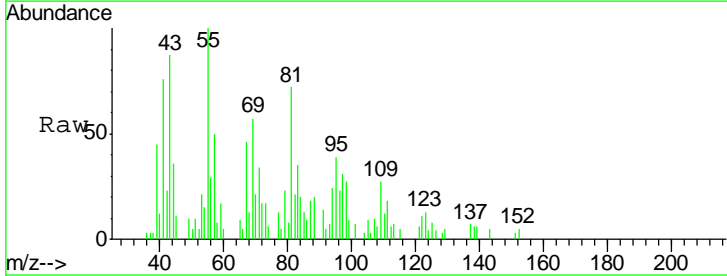
Instrument :
 BNA_F
 ClientSampled :

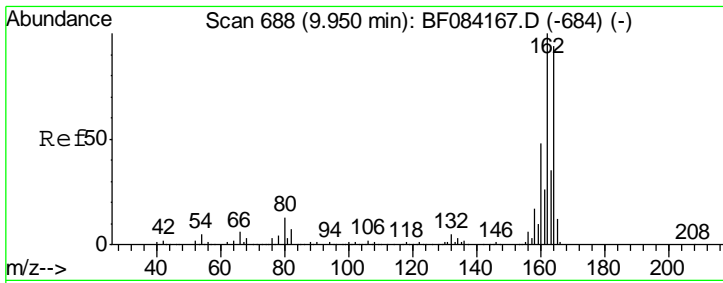
Tgt Ion	Resp	Lower	Upper
82	100		
128	50.1	35.0	52.4
54	54.7	48.5	72.7



#32
 Benzoic acid
 Concen: 3.82 ng
 RT: 7.97 min Scan# 515
 Delta R.T. 0.02 min
 Lab File: BF084179.D
 Acq: 31 Dec 2015 7:00

Tgt Ion	Resp	Lower	Upper
122	100		
105	80.5	108.6	148.6#
77	118.3	74.1	114.1#

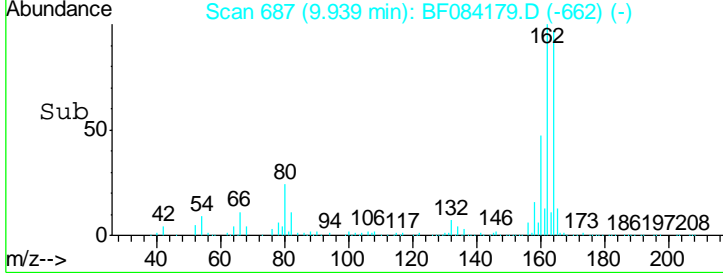
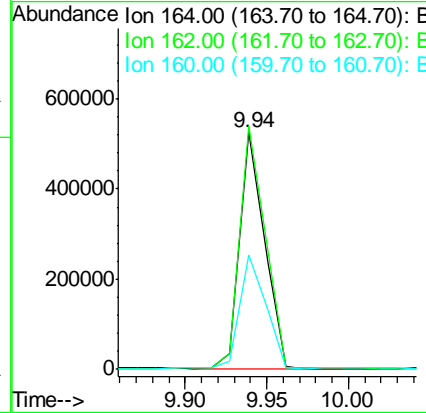
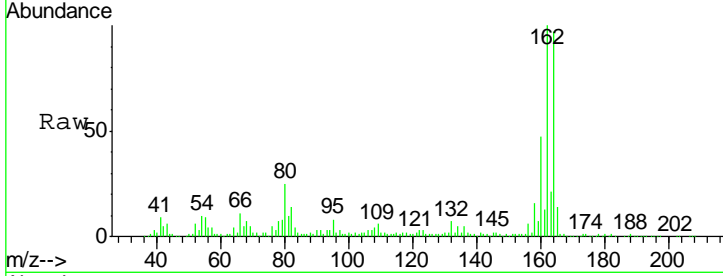




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF084179.D
 Acq: 31 Dec 2015 7:00

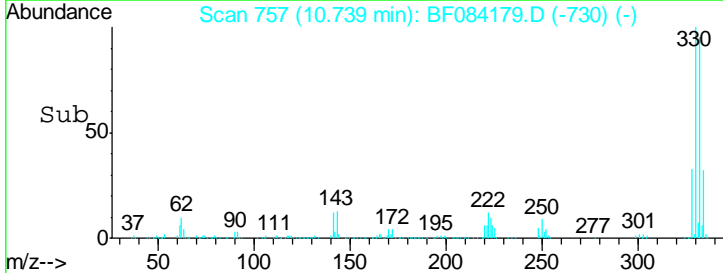
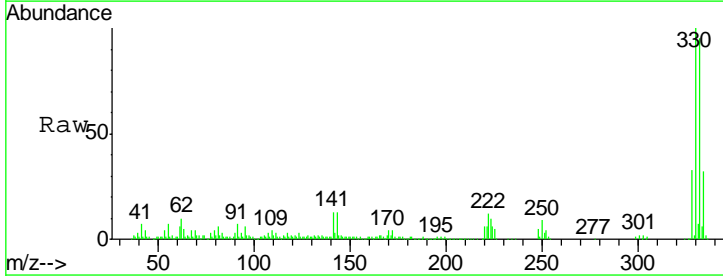
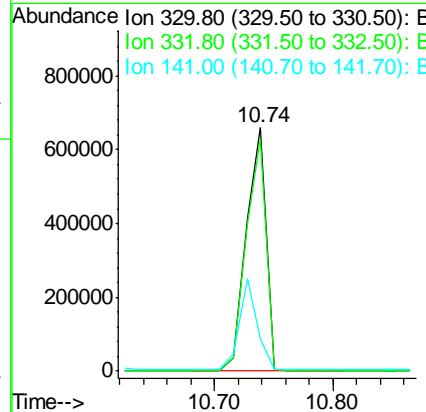
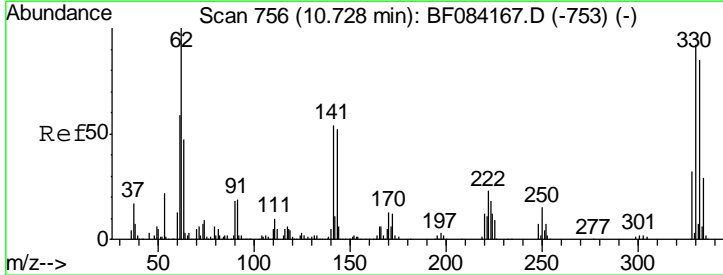
Instrument :
 BNA_F
 ClientSampled :

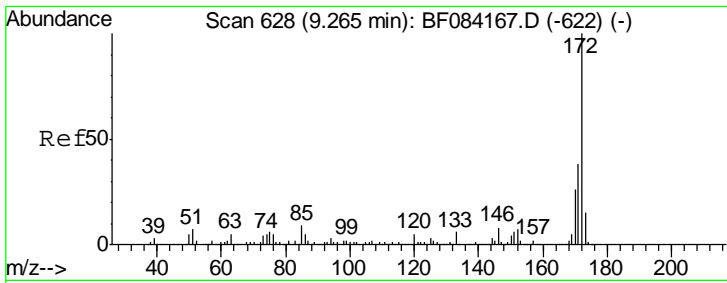
Tgt Ion	Resp	Lower	Upper
164	100		
162	102.7	84.8	127.2
160	48.3	40.4	60.6



#41
 2,4,6-Tribromophenol
 Concen: 140.10 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.01 min
 Lab File: BF084179.D
 Acq: 31 Dec 2015 7:00

Tgt Ion	Resp	Lower	Upper
330	100		
332	96.0	76.2	114.2
141	33.9	31.3	46.9



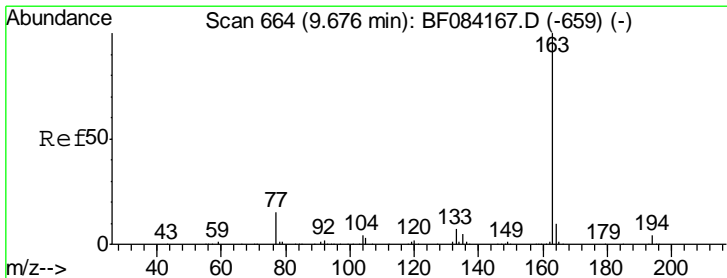
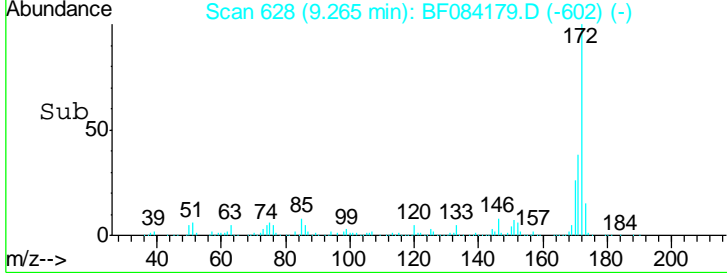
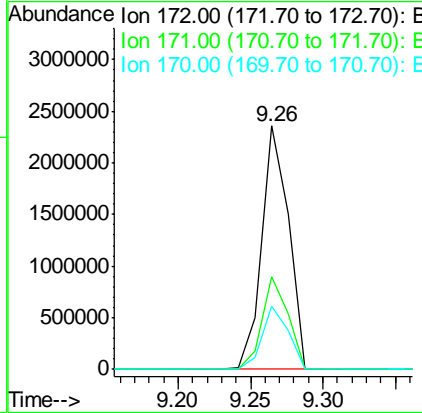
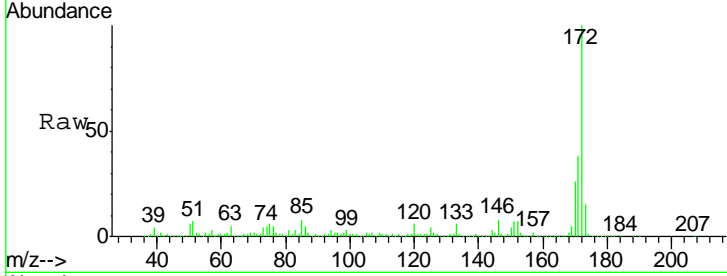


#44
 2-Fluorobiphenyl
 Concen: 97.28 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084179.D
 Acq: 31 Dec 2015 7:00

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:172 Resp: 3011940

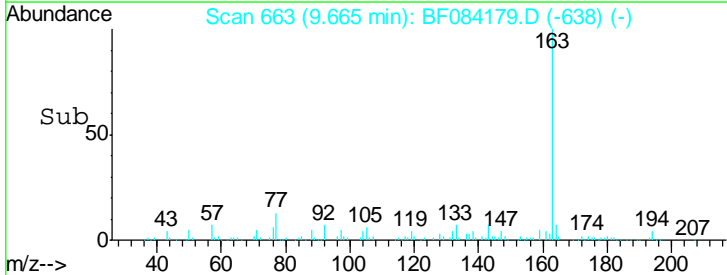
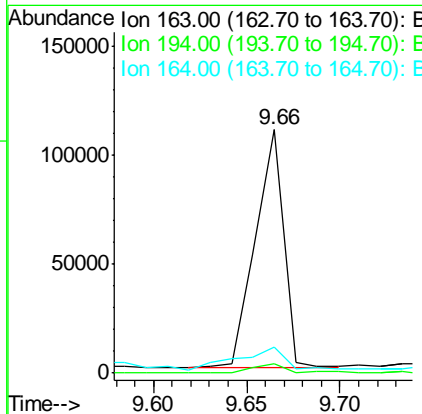
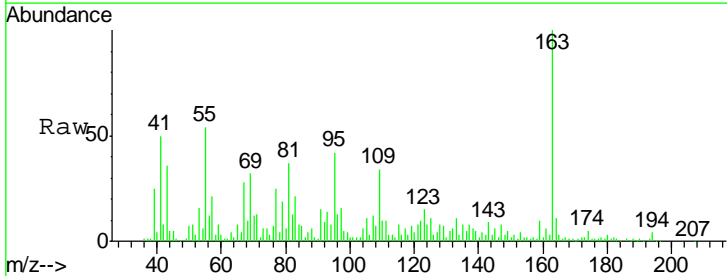
Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.6	46.0
170	26.1	20.6	30.8

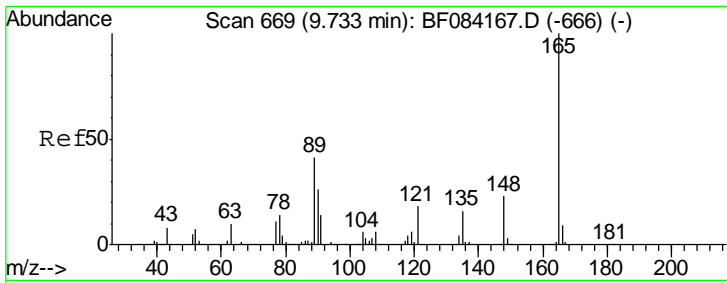


#49
 Dimethylphthalate
 Concen: 2.92 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF084179.D
 Acq: 31 Dec 2015 7:00

Tgt Ion:163 Resp: 115358

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.6	8.2	12.4

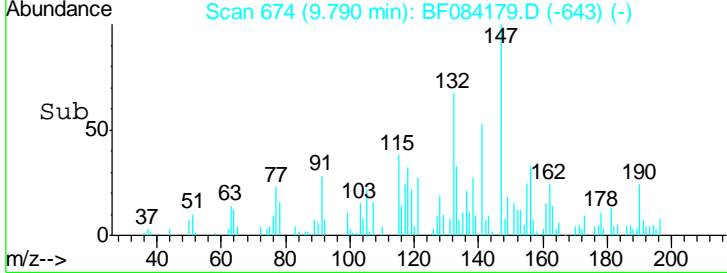
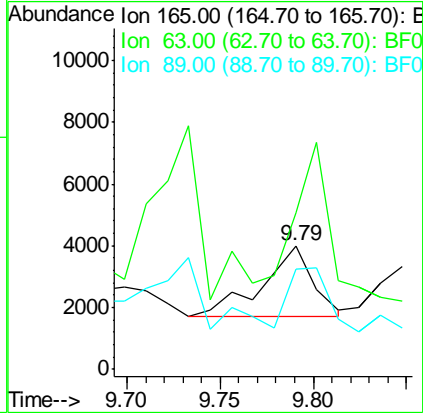
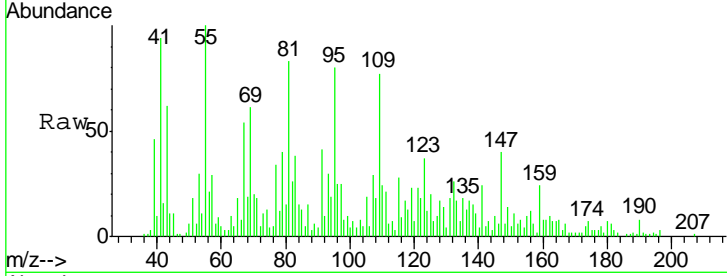




#50
 2,6-Dinitrotoluene
 Concen: 2.42 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.06 min
 Lab File: BF084179.D
 Acq: 31 Dec 2015 7:00

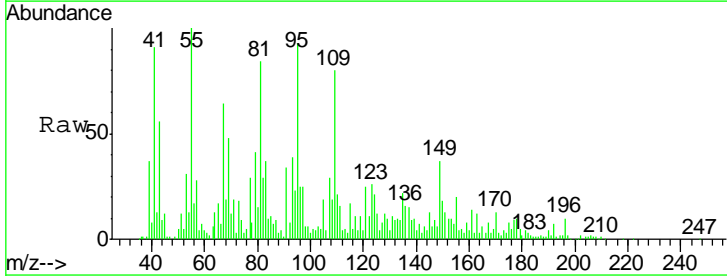
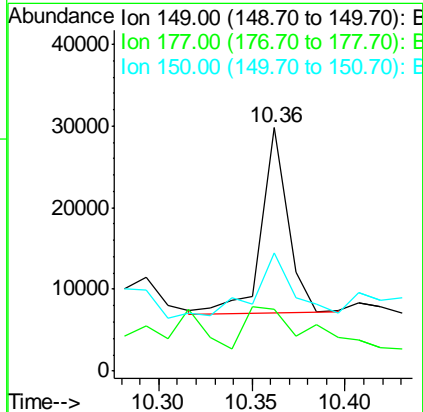
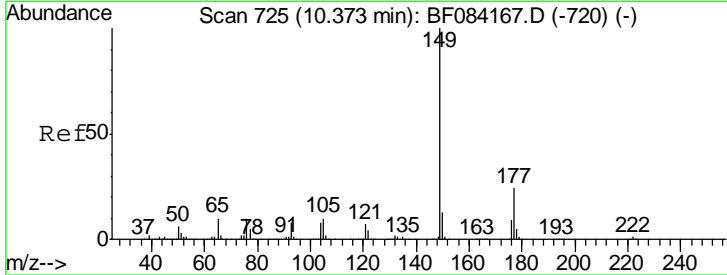
Instrument :
 BNA_F
 ClientSampleId :

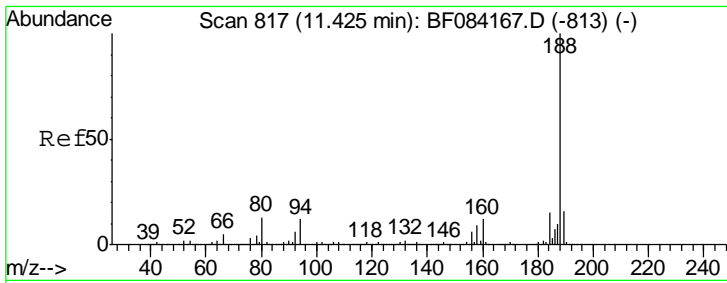
Tgt Ion	Resp	Lower	Upper
165	100		
63	126.8	28.8	43.2#
89	81.7	32.7	49.1#



#59
 Diethylphthalate
 Concen: Below Cal
 RT: 10.36 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BF084179.D
 Acq: 31 Dec 2015 7:00

Tgt Ion	Resp	Lower	Upper
149	100		
177	25.6	19.1	28.7
150	48.3	10.6	15.8#

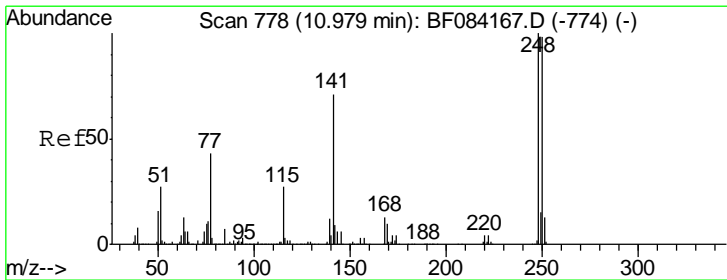
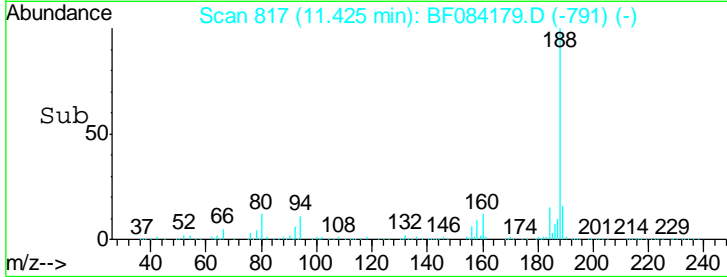
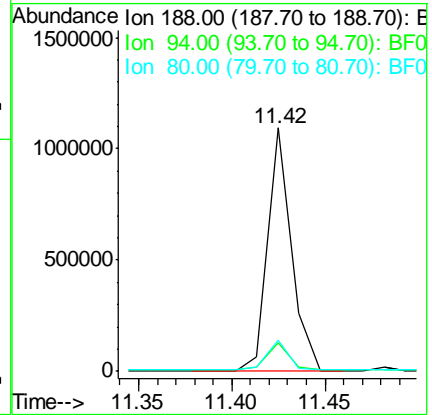
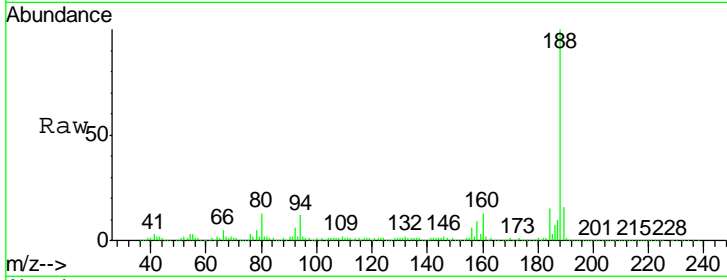




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF084179.D
 Acq: 31 Dec 2015 7:00

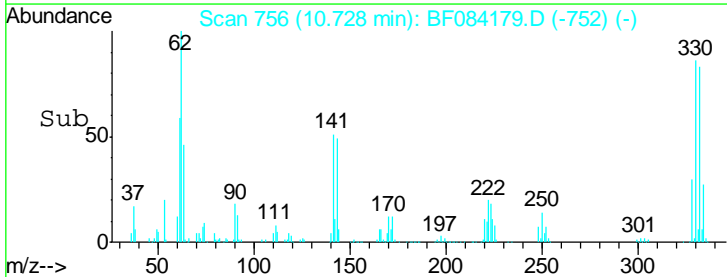
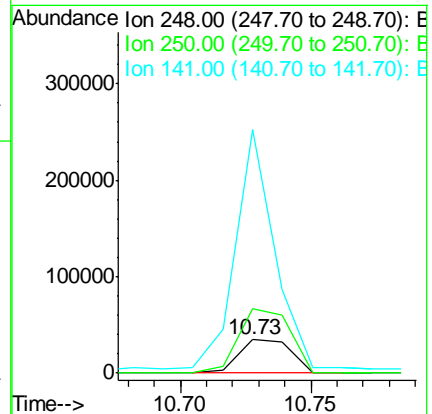
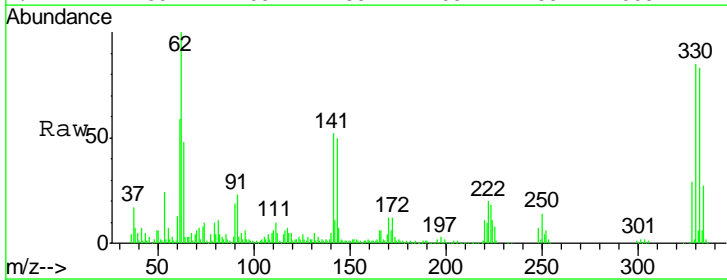
Instrument :
 BNA_F
 ClientSampled :

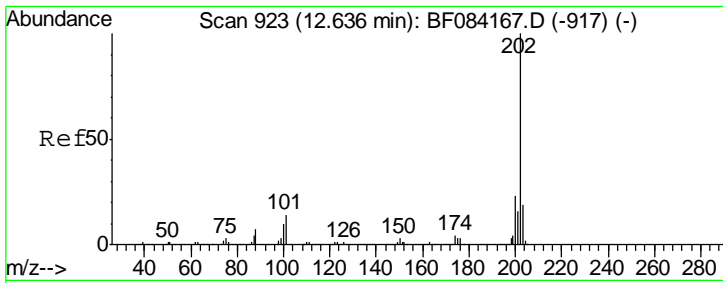
Tgt Ion	Resp	Lower	Upper
188	975411		
94	11.8	9.2	13.8
80	12.9	10.1	15.1



#66
 4-Bromophenyl-phenylether
 Concen: 4.62 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.25 min
 Lab File: BF084179.D
 Acq: 31 Dec 2015 7:00

Tgt Ion	Resp	Lower	Upper
248	48407		
250	192.9	78.7	118.1#
141	729.9	57.1	85.7#

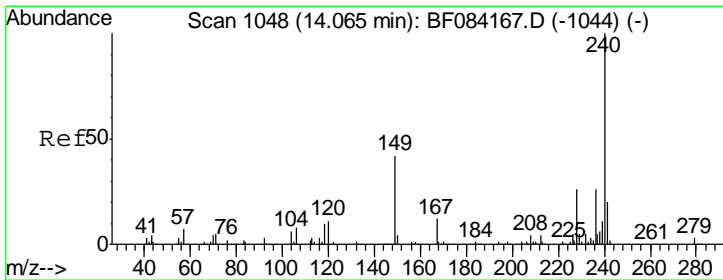
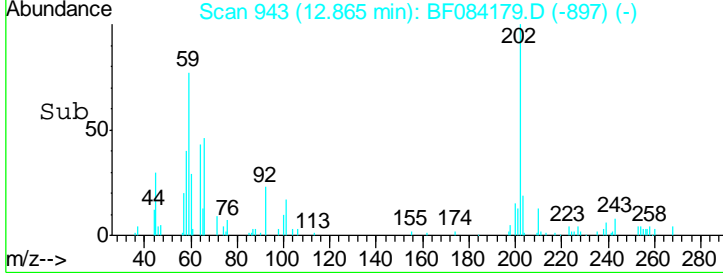
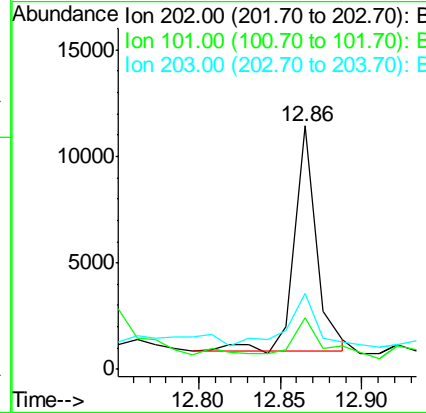
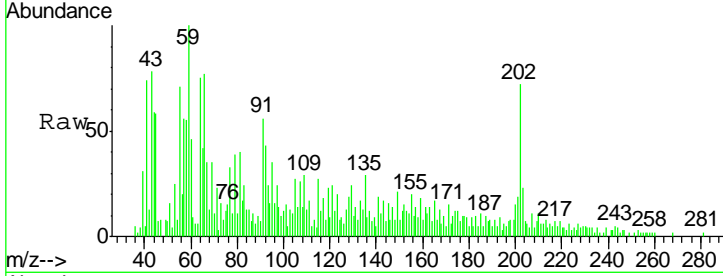




#74
 Fluoranthene
 Concen: Below Cal
 RT: 12.86 min Scan# 943
 Delta R.T. 0.23 min
 Lab File: BF084179.D
 Acq: 31 Dec 2015 7:00

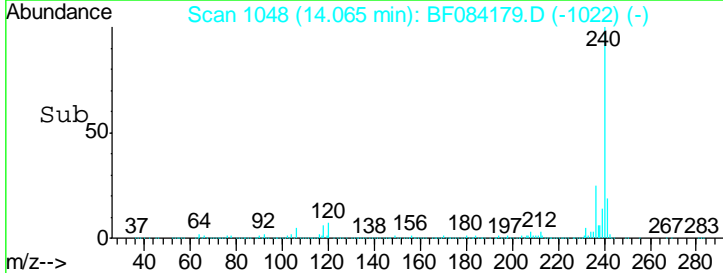
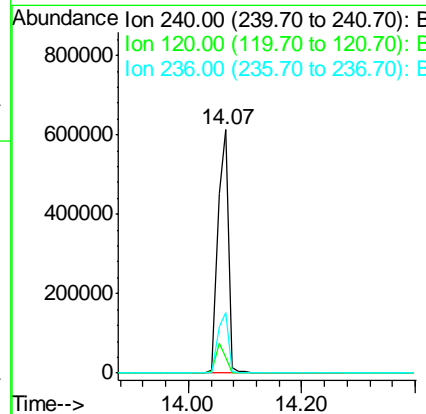
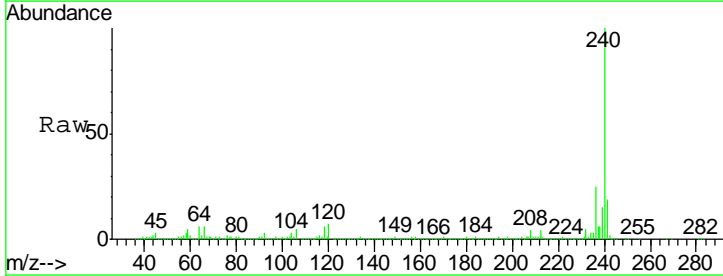
Instrument :
 BNA_F
 ClientSampled :

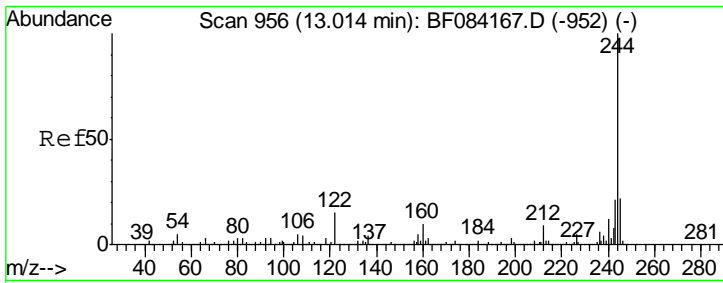
Tgt Ion	Resp	Lower	Upper
202	10098		
101	21.4	0.0	34.0
203	31.2	0.0	39.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BF084179.D
 Acq: 31 Dec 2015 7:00

Tgt Ion	Resp	Lower	Upper
240	757704		
120	6.7	8.8	13.2#
236	24.9	20.8	31.2

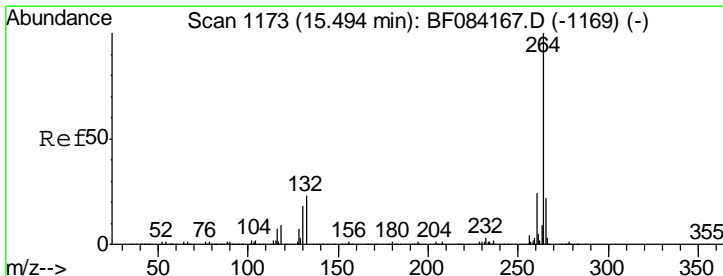
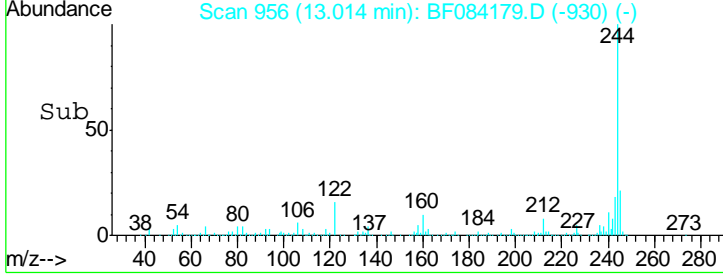
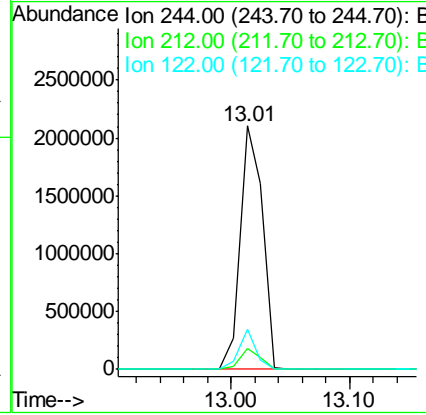
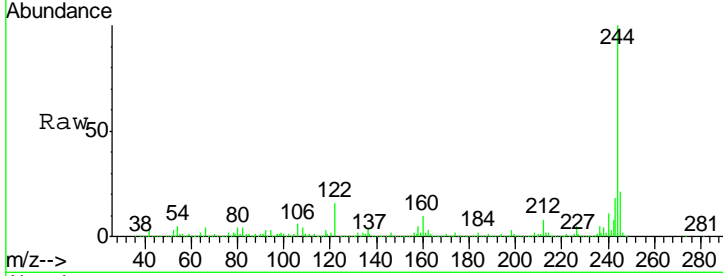




#78
 Terphenyl-d14
 Concen: 85.28 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF084179.D
 Acq: 31 Dec 2015 7:00

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
244	100		
212	8.4	7.0	10.4
122	16.3	11.9	17.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: BF084179.D
 Acq: 31 Dec 2015 7:00

Tgt Ion	Resp	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.4	18.0	27.0

