

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086516.D
 Acq On : 30 Apr 2016 11:40
 Operator : UM/SJ
 Sample : PB90099BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:19:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

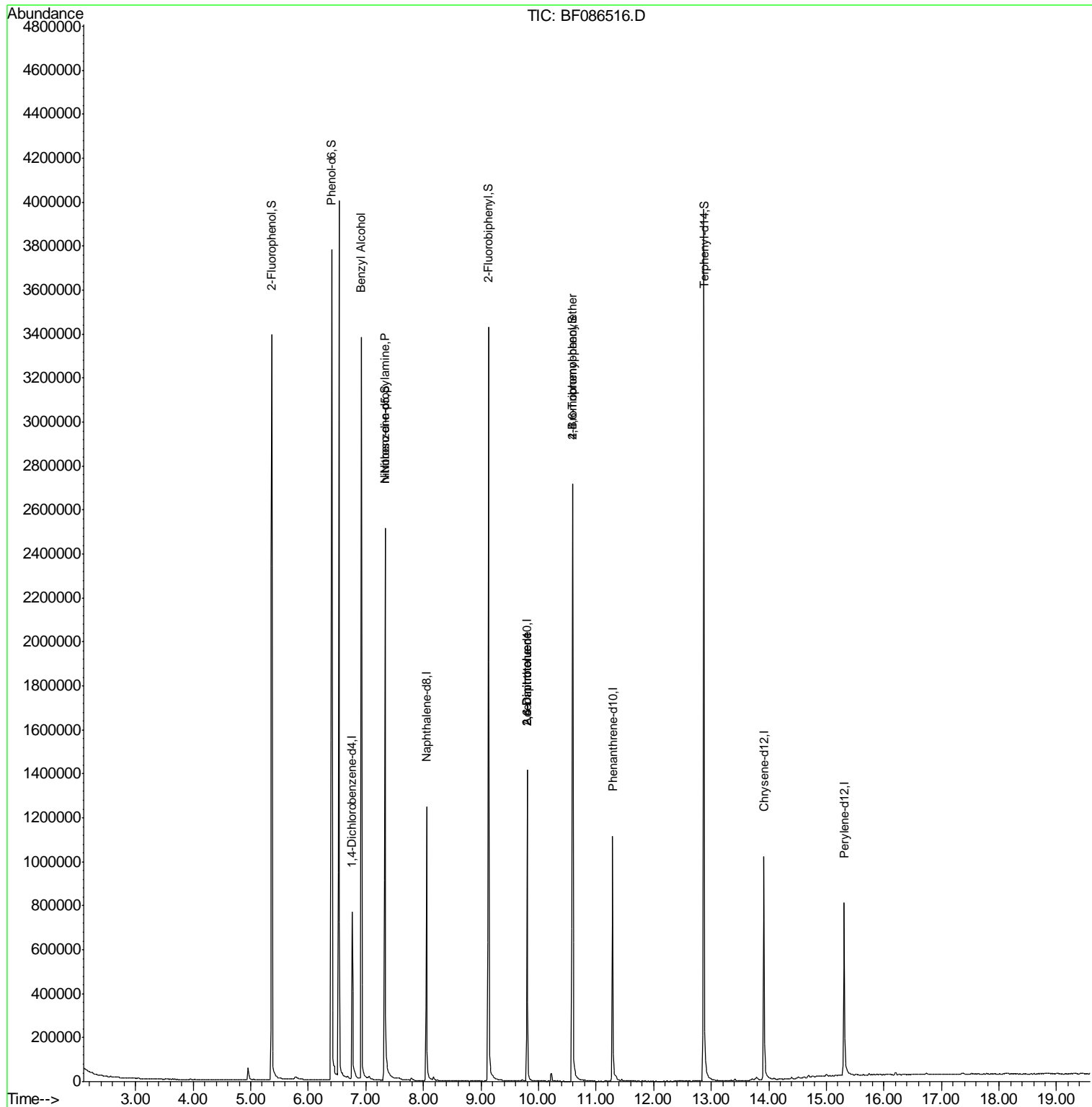
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	134831	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	608555	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	287063	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	588462	20.00	ng	0.00
75) Chrysene-d12	13.92	240	524399	20.00	ng	0.00
86) Perylene-d12	15.31	264	411117	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1115208	142.67	ng	0.01
7) Phenol-d6	6.41	99	1336317	122.49	ng	0.00
23) Nitrobenzene-d5	7.33	82	928854	82.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	348838	115.23	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1449746	89.36	ng	-0.01
78) Terphenyl-d14	12.88	244	1652433	69.42	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.92	79	14547	2.11	ng	# 41
19) n-Nitroso-di-n-propylamine	7.33	70	124104	17.21	ng	# 76
50) 2,6-Dinitrotoluene	9.80	165	35286	7.90	ng	# 20
56) 2,4-Dinitrotoluene	9.80	165	35280	6.20	ng	# 16
66) 4-Bromophenyl-phenylether	10.59	248	20576	3.39	ng	# 1

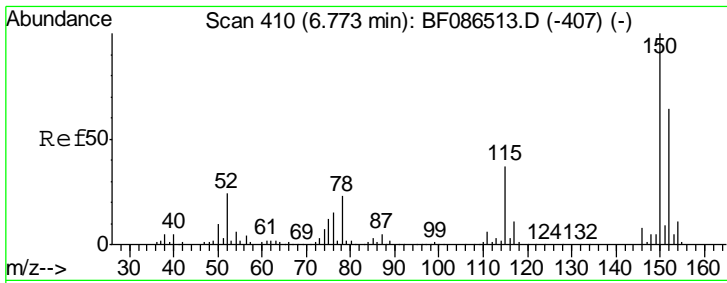
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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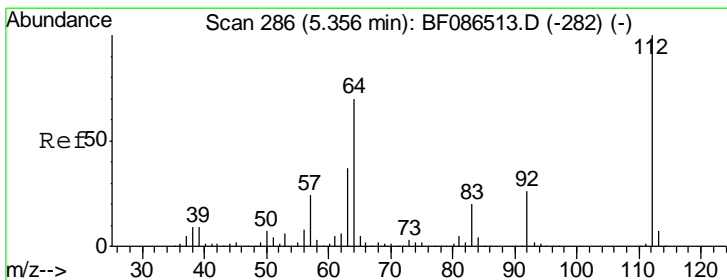
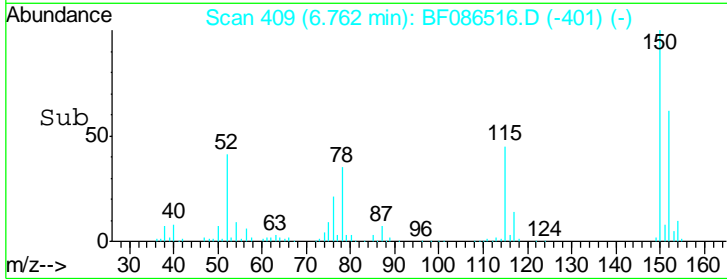
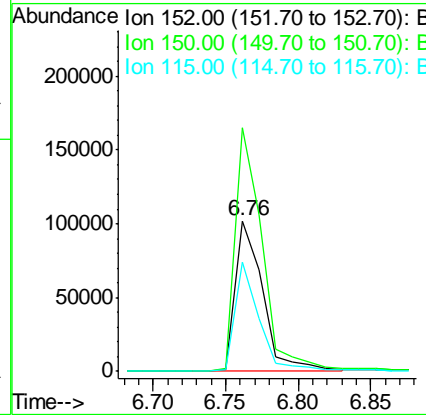
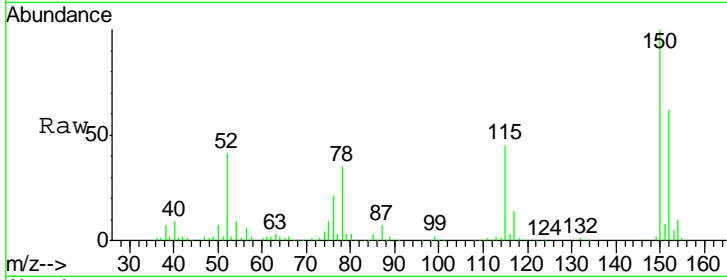




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF086516.D
 Acq: 30 Apr 2016 11:40

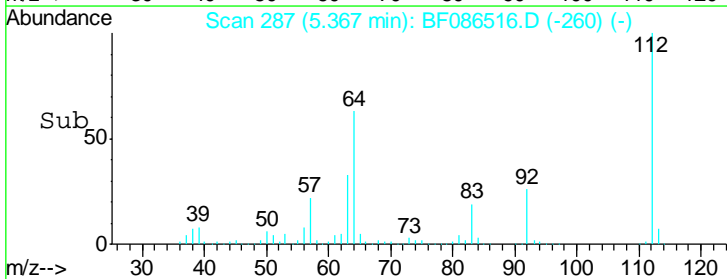
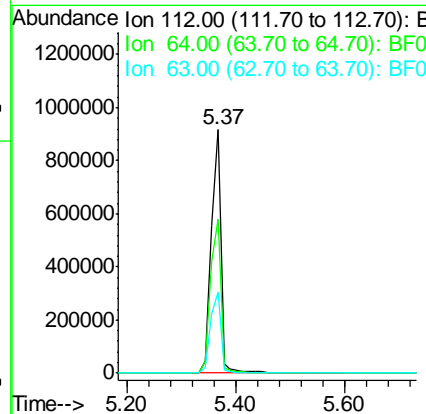
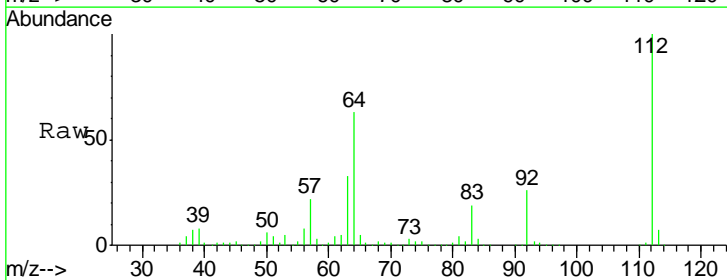
Instrument :
 BNA_F
 ClientSampled :

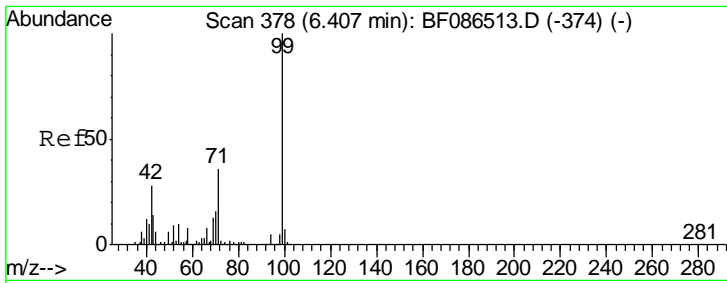
Tgt Ion	Resp	Lower	Upper
152	134831		
150	161.5	125.8	188.6
115	72.7	51.5	77.3



#5
 2-Fluorophenol
 Concen: 142.67 ng
 RT: 5.37 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: BF086516.D
 Acq: 30 Apr 2016 11:40

Tgt Ion	Resp	Lower	Upper
112	1115208		
64	63.1	52.1	78.1
63	33.4	25.7	38.5

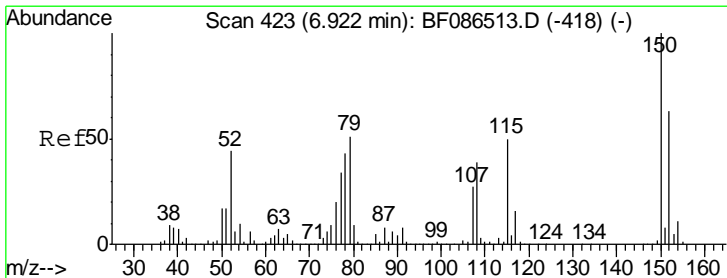
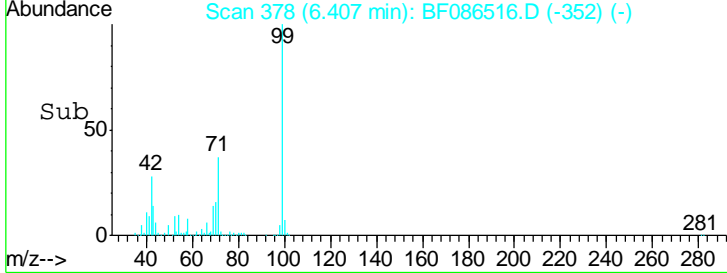
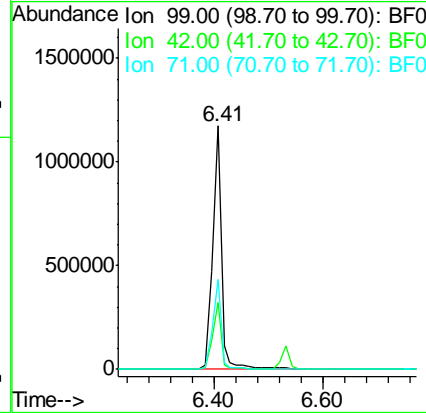
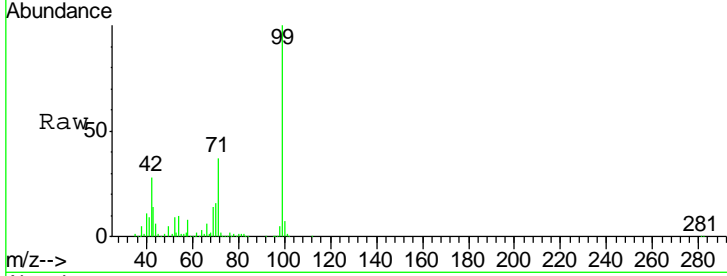




#7
 Phenol-d6
 Concen: 122.49 ng
 RT: 6.41 min Scan# 378
 Delta R.T. 0.00 min
 Lab File: BF086516.D
 Acq: 30 Apr 2016 11:40

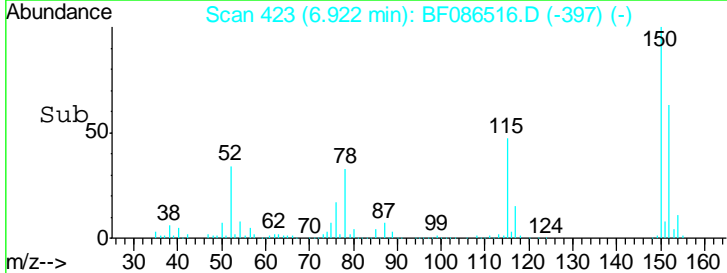
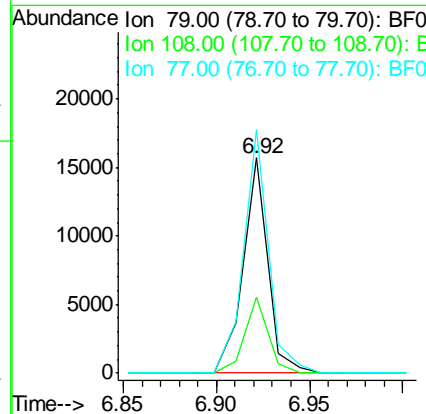
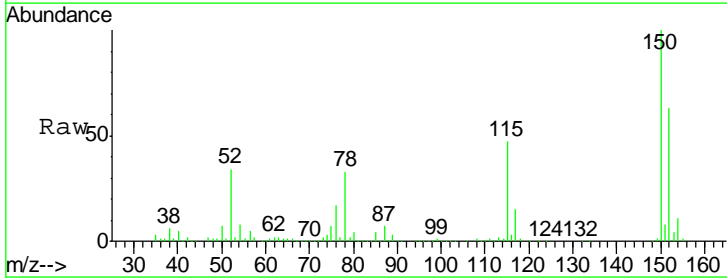
Instrument :
 BNA_F
 ClientSampled :

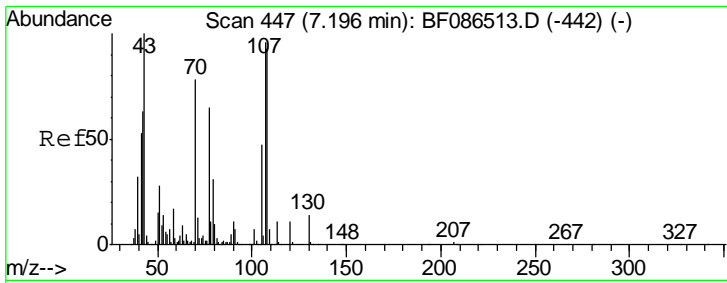
Tgt Ion	Resp	Lower	Upper
99	1336317		
42	27.8	13.6	20.4#
71	37.2	24.6	36.8#



#15
 Benzyl Alcohol
 Concen: 2.11 ng
 RT: 6.92 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF086516.D
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Tgt Ion	Resp	Lower	Upper
79	14547		
108	35.5	68.4	102.6#
77	113.1	50.6	76.0#

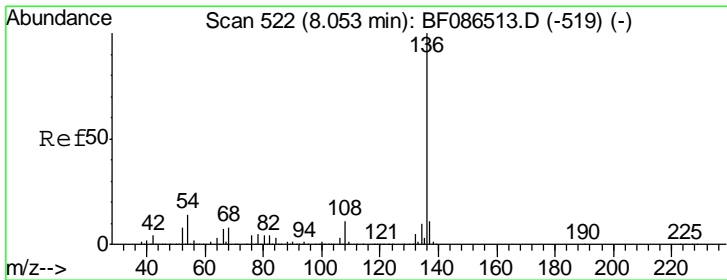
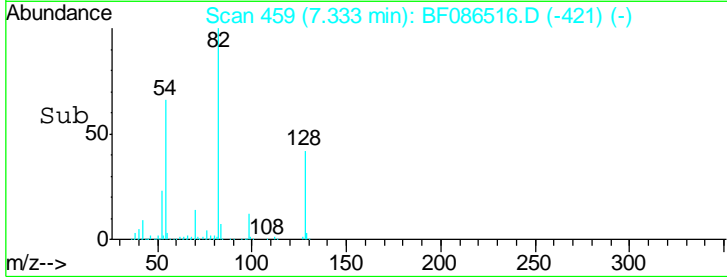
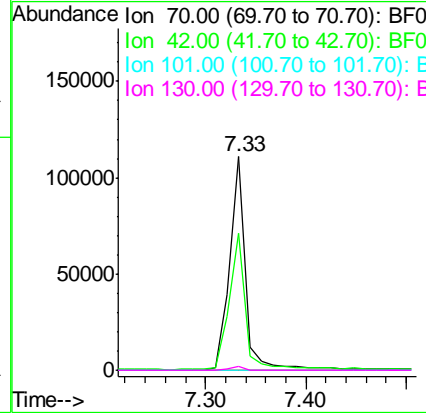
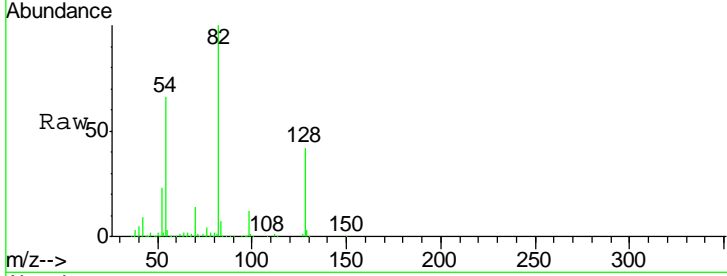




#19
 n-Nitroso-di-n-propylamine
 Concen: 17.21 ng
 RT: 7.33 min Scan# 459
 Delta R.T. 0.14 min
 Lab File: BF086516.D
 Acq: 30 Apr 2016 11:40

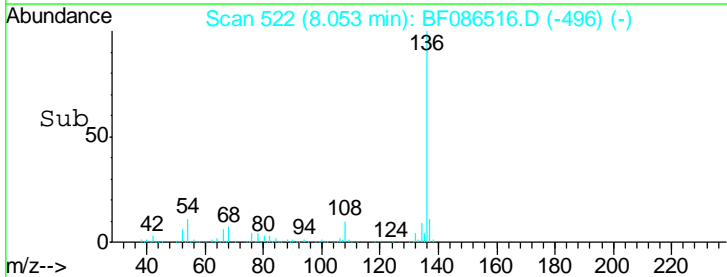
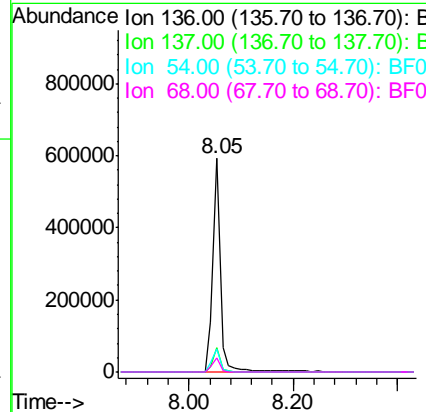
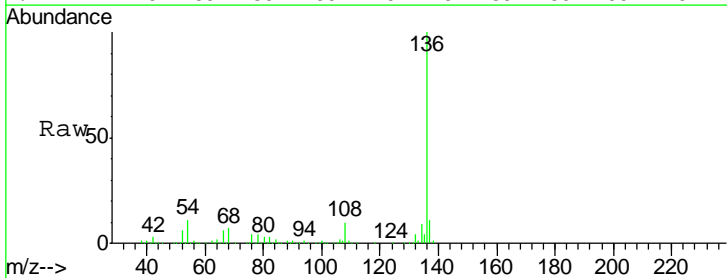
Instrument :
 BNA_F
 ClientSampled :

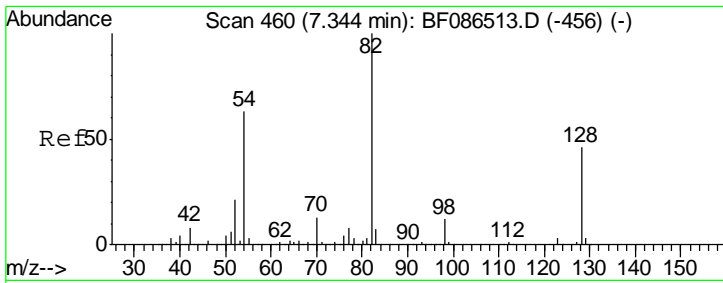
Tgt Ion	Resp	Lower	Upper
70	124104		
70	100		
42	64.1	43.1	64.7
101	0.0	8.1	12.1#
130	2.0	18.6	28.0#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.05 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF086516.D
 Acq: 30 Apr 2016 11:40

Tgt Ion	Resp	Lower	Upper
136	608555		
136	100		
137	11.2	8.8	13.2
54	10.8	5.0	7.4#
68	6.7	4.4	6.6#

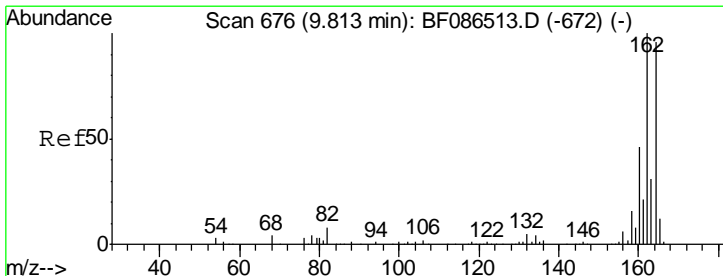
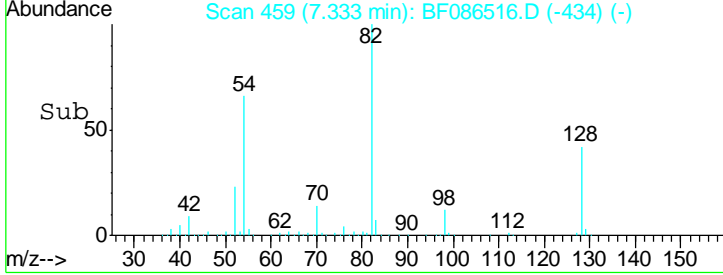
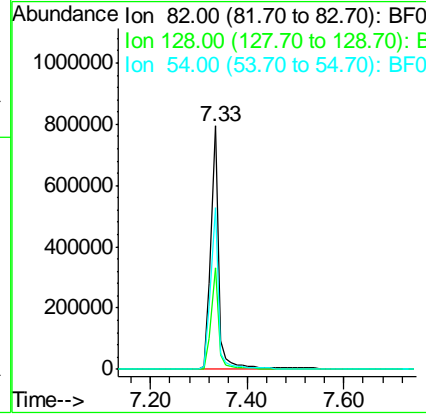
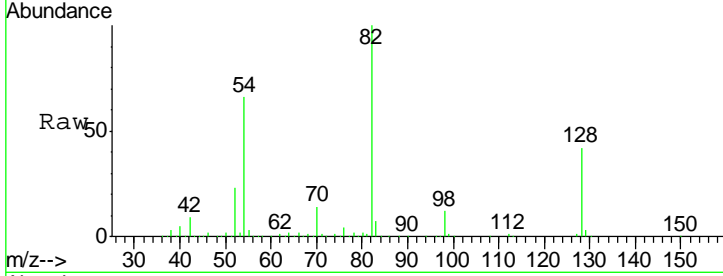




#23
 Nitrobenzene-d5
 Concen: 82.27 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086516.D
 Acq: 30 Apr 2016 11:40

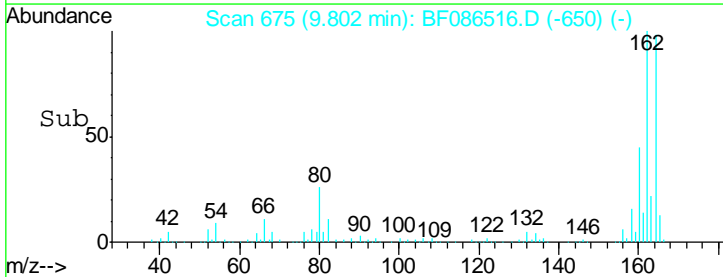
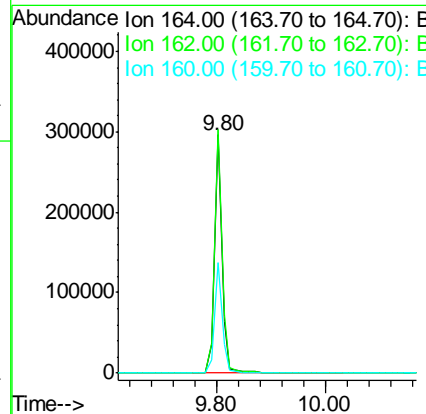
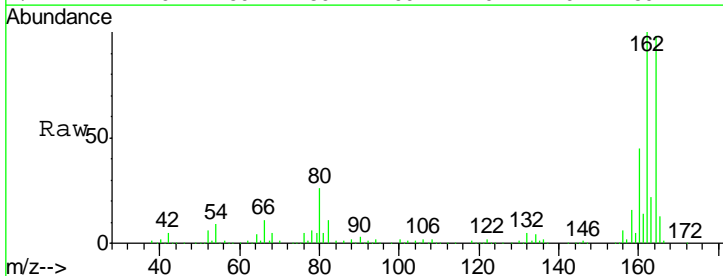
Instrument :
 BNA_F
 ClientSampleId :

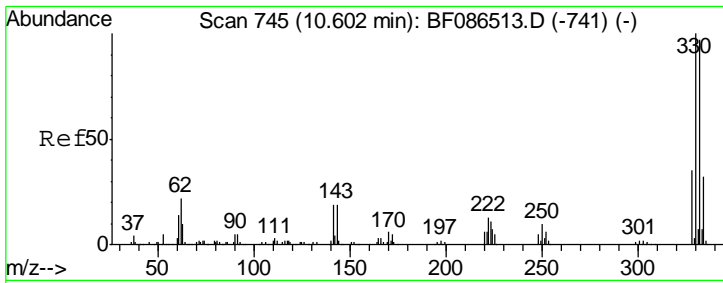
Tgt Ion	Resp	Lower	Upper
82	100		
128	41.6	40.6	61.0
54	66.3	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086516.D
 Acq: 30 Apr 2016 11:40

Tgt Ion	Resp	Lower	Upper
164	100		
162	102.2	82.8	124.2
160	46.3	36.9	55.3

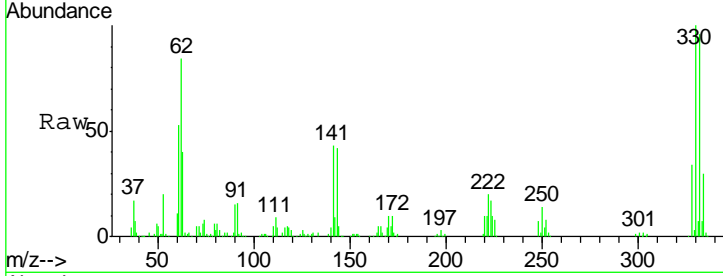




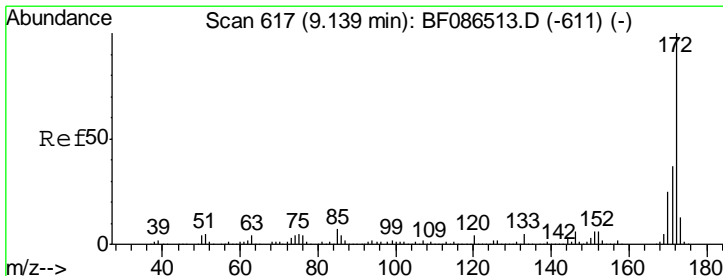
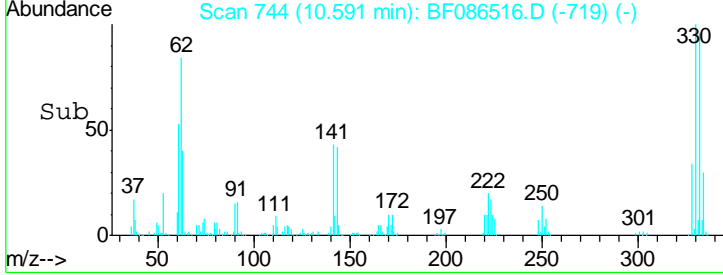
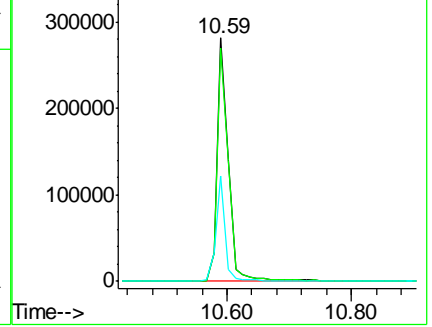
#41
 2,4,6-Tribromophenol
 Concen: 115.23 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086516.D
 Acq: 30 Apr 2016 11:40

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
330	100		
332	96.5	79.0	118.4
141	36.9	31.2	46.8

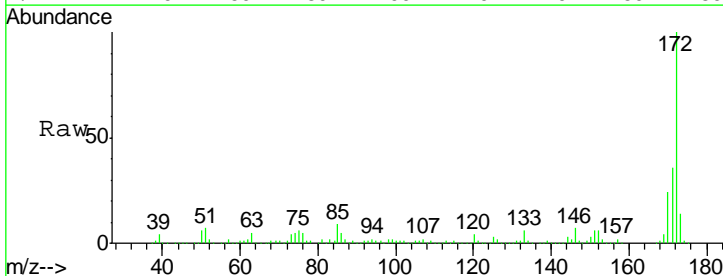


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

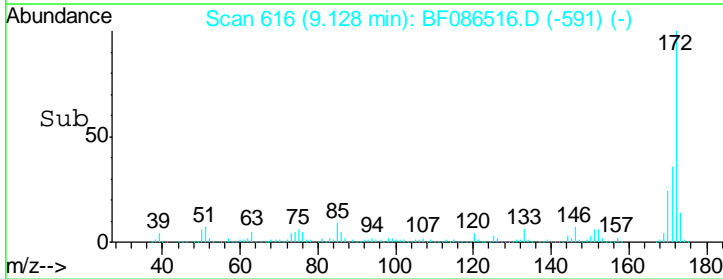
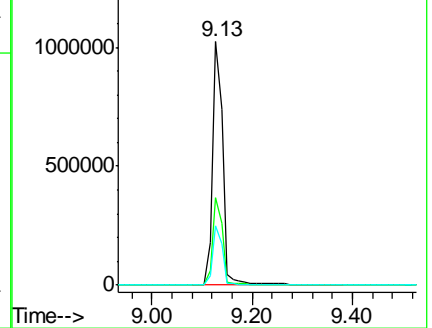


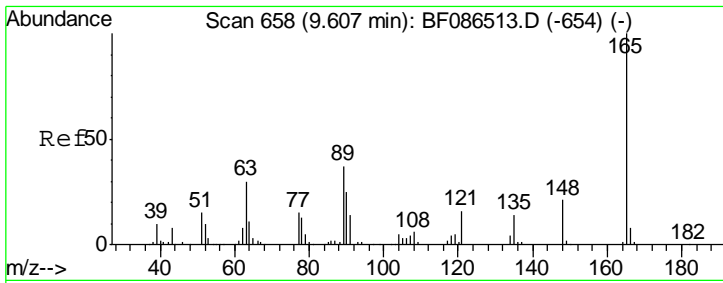
#44
 2-Fluorobiphenyl
 Concen: 89.36 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086516.D
 Acq: 30 Apr 2016 11:40

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.5	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

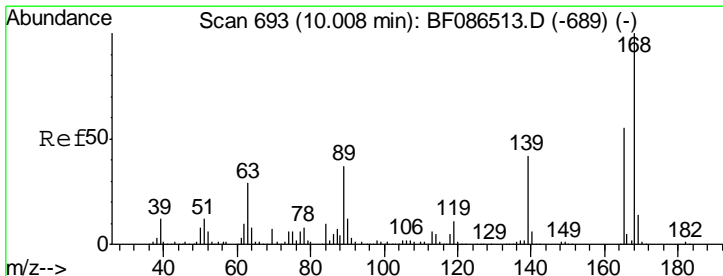
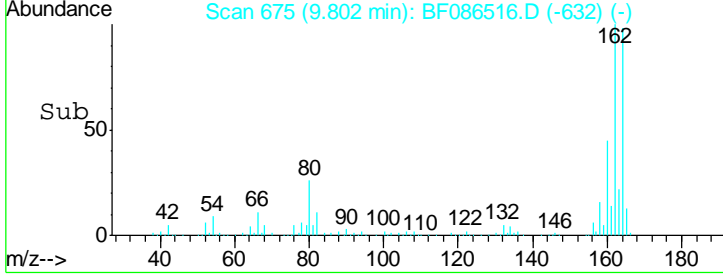
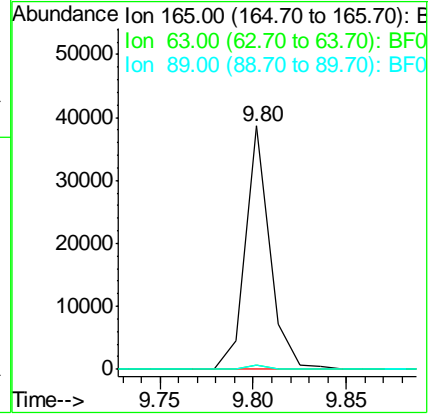
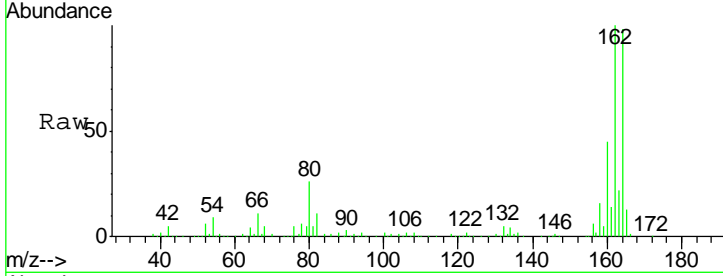




#50
 2,6-Dinitrotoluene
 Concen: 7.90 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.19 min
 Lab File: BF086516.D
 Acq: 30 Apr 2016 11:40

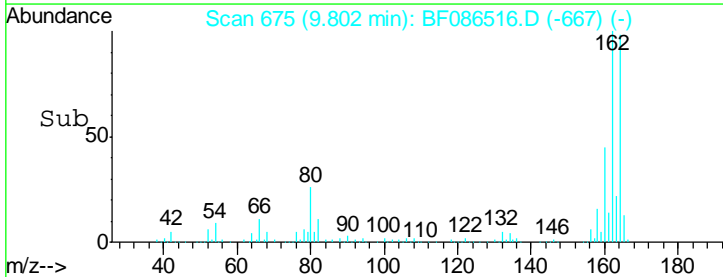
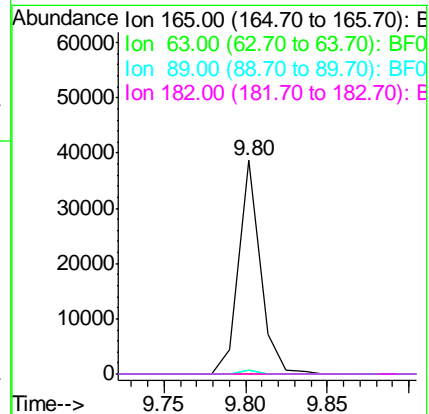
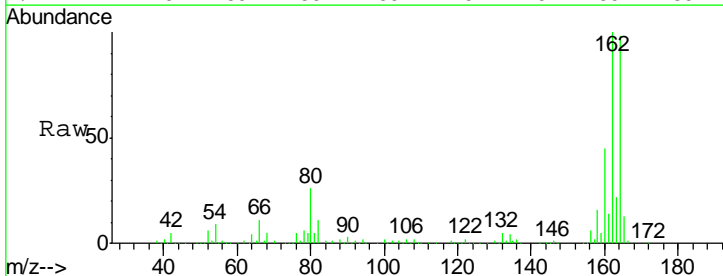
Instrument :
 BNA_F
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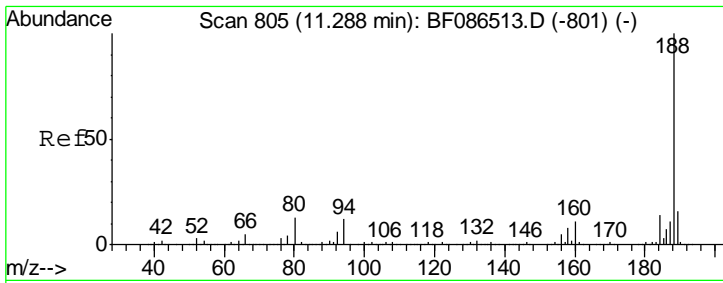
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.7	51.8	77.8#
89	1.7	50.7	76.1#



#56
 2,4-Dinitrotoluene
 Concen: 6.20 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.21 min
 Lab File: BF086516.D
 Acq: 30 Apr 2016 11:40

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.7	44.3	66.5#
89	1.7	70.0	105.0#
182	0.0	1.8	2.6#

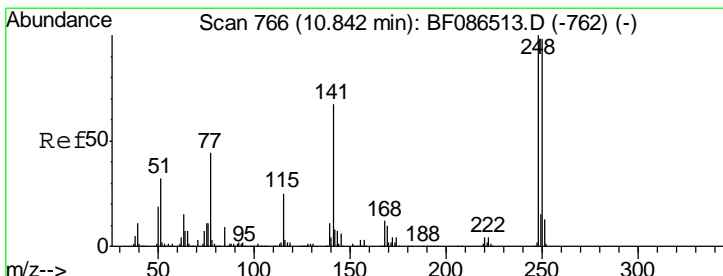
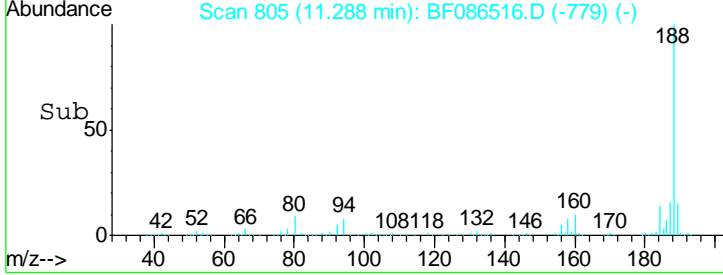
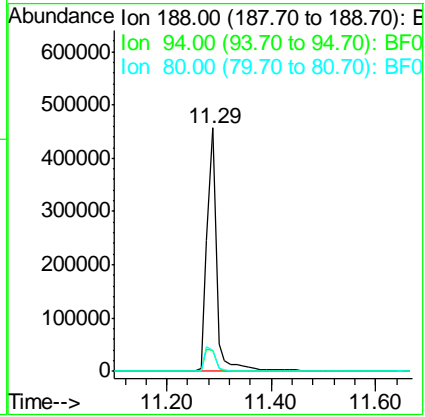
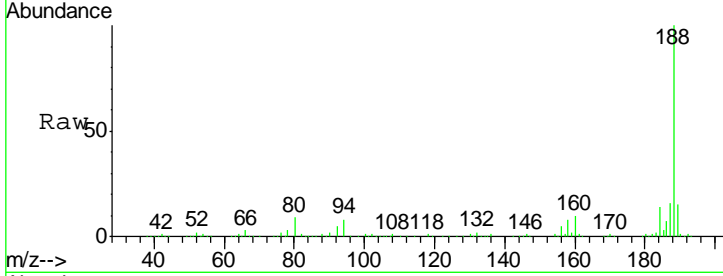




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF086516.D
 Acq: 30 Apr 2016 11:40

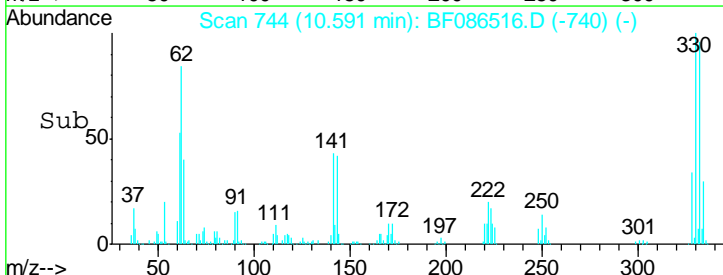
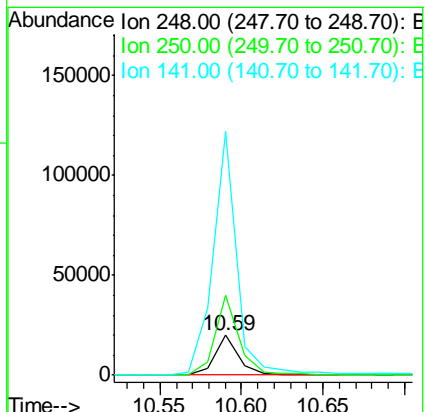
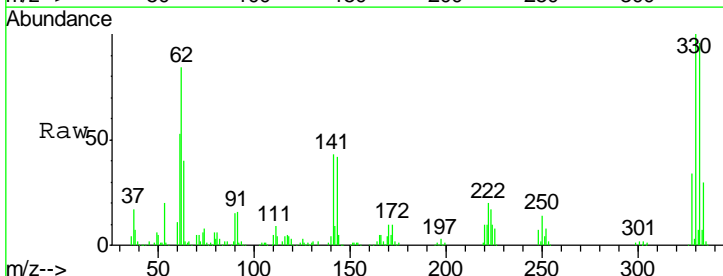
Instrument :
 BNA_F
 ClientSampled :

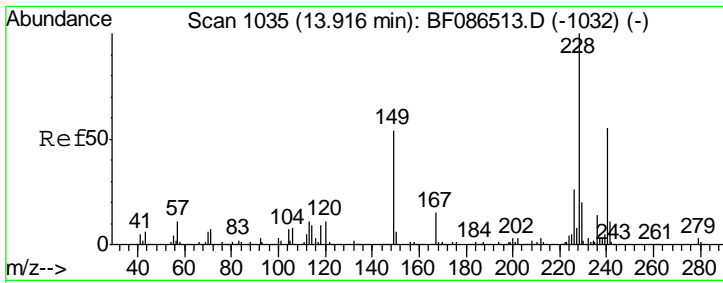
Tgt Ion	Resp	Lower	Upper
188	100		
94	8.4	6.8	10.2
80	8.6	7.1	10.7



#66
 4-Bromophenyl-phenylether
 Concen: 3.39 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.25 min
 Lab File: BF086516.D
 Acq: 30 Apr 2016 11:40

Tgt Ion	Resp	Lower	Upper
248	100		
250	199.4	78.6	117.8#
141	608.8	76.0	114.0#

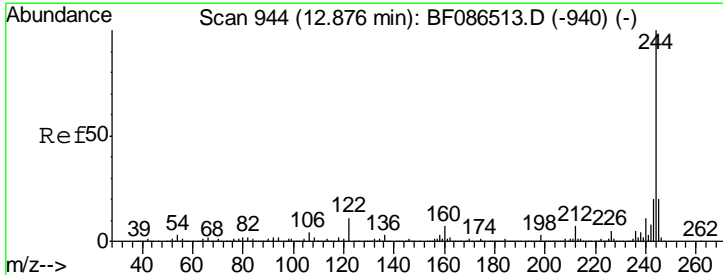
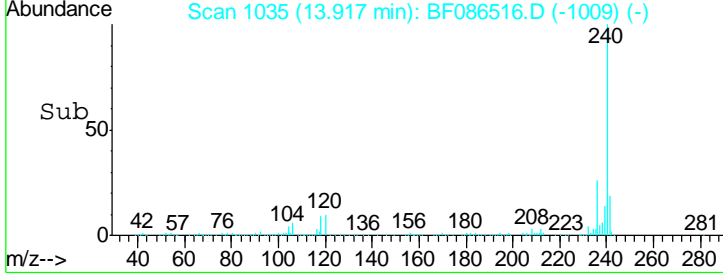
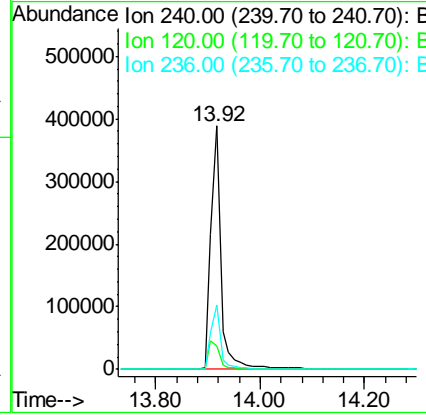
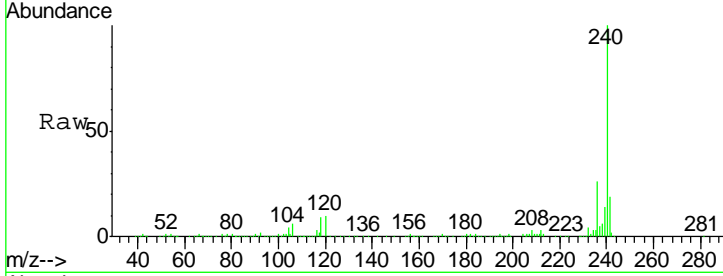




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF086516.D
 Acq: 30 Apr 2016 11:40

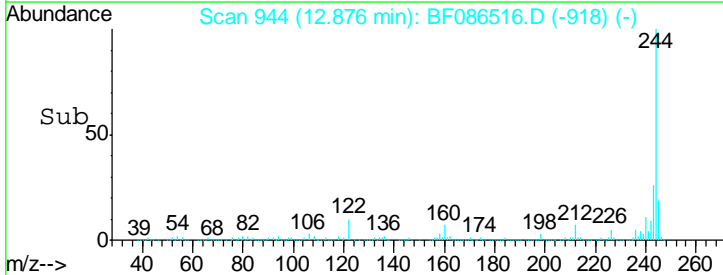
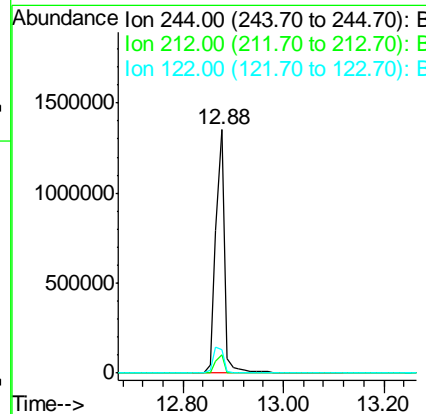
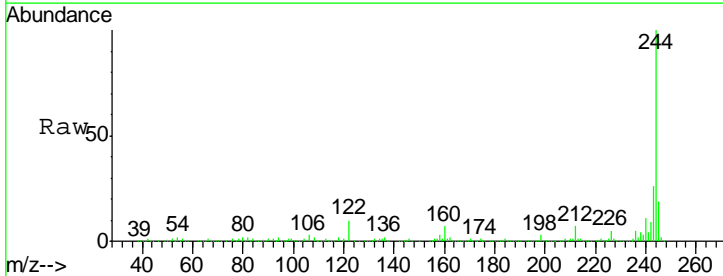
Instrument :
 BNA_F
 ClientSampled :

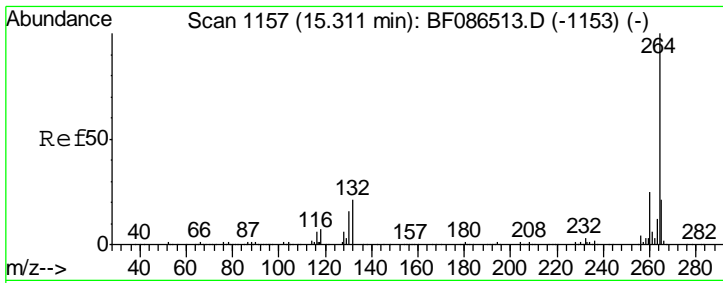
Tgt Ion	Resp	Lower	Upper
240	100		
120	9.6	11.2	16.8#
236	26.5	21.2	31.8



#78
 Terphenyl-d14
 Concen: 69.42 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF086516.D
 Acq: 30 Apr 2016 11:40

Tgt Ion	Resp	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	9.6	12.0	18.0#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF086516.D
 Acq: 30 Apr 2016 11:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ion	Resp	Lower	Upper
411117	264	100		
	260	24.2	19.5	29.3
	265	21.8	17.3	25.9

