

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113150.D
 Acq On : 20 Mar 2019 3:34
 Operator : JU/SJ
 Sample : K1933-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-9

Quant Time: Mar 20 07:19:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	190618	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	738577	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	289287	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	547208	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	424772	20.00	ng	0.00
87) Perylene-d12	15.27	264	324963	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1070922	87.39	ng	0.00
7) Phenol-d6	6.37	99	1373863	89.25	ng	0.00
23) Nitrobenzene-d5	7.29	82	768659	62.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.54	330	310661	101.15	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	1306715	71.85	ng	-0.01
79) Terphenyl-d14	12.82	244	1164458	53.14	ng	0.00

Target Compounds

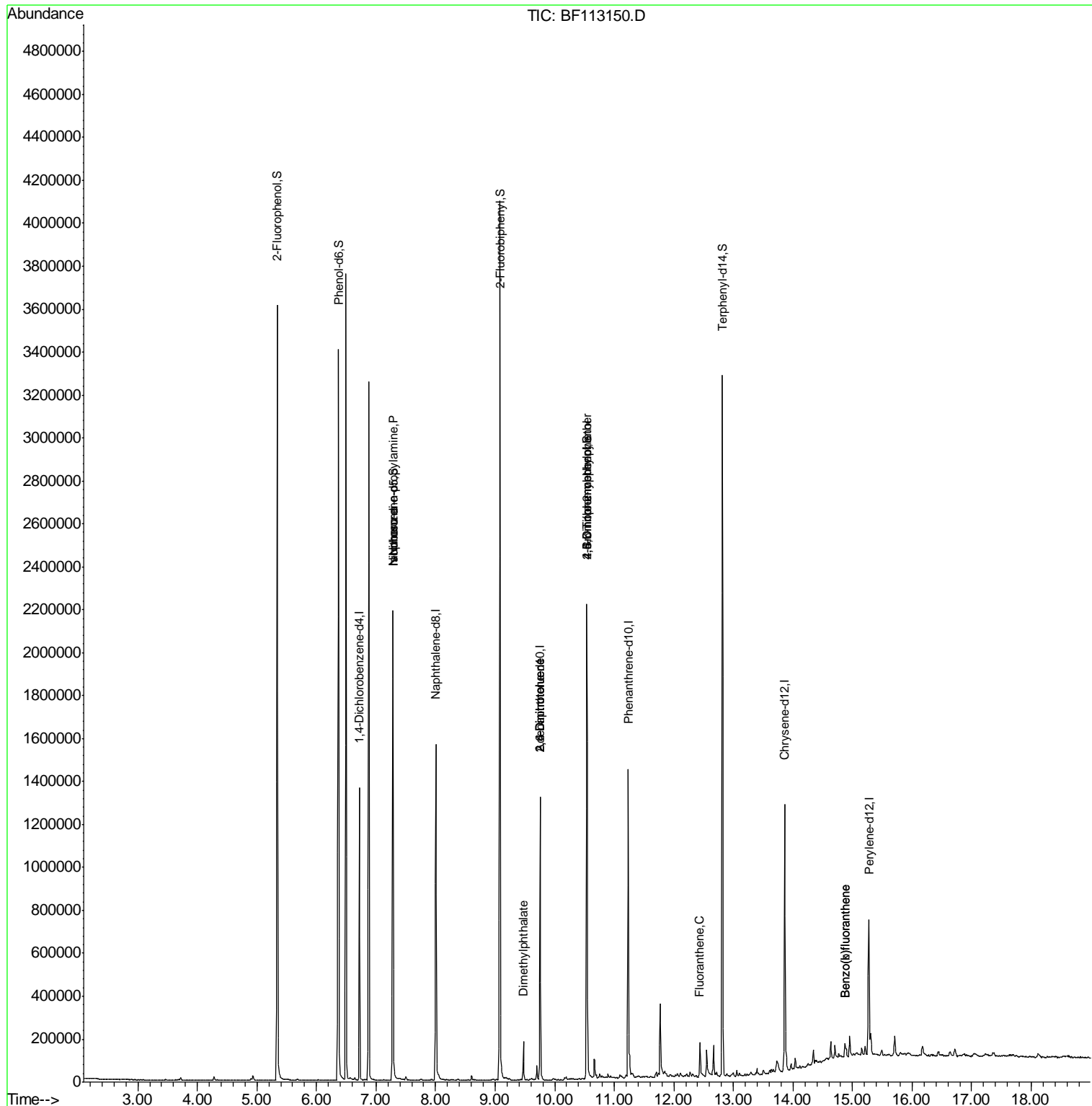
						Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	100290	10.287	ng	# 75
25) Isophorone	7.29	82	753176	28.324	ng	# 66
50) Dimethylphthalate	9.47	163	84896	3.980	ng	98
51) 2,6-Dinitrotoluene	9.75	165	37554	8.455	ng	# 18
57) 2,4-Dinitrotoluene	9.75	165	37554	6.802	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.54	198	504	4.815	ng	# 1
67) 4-Bromophenyl-phenylether	10.54	248	17599	3.053	ng	# 1
75) Fluoranthene	12.44	202	69344	2.377	ng	98
88) Benzo(b)fluoranthene	14.87	252	44563	2.120	ng	97
89) Benzo(k)fluoranthene	14.87	252	44563	2.341	ng	97

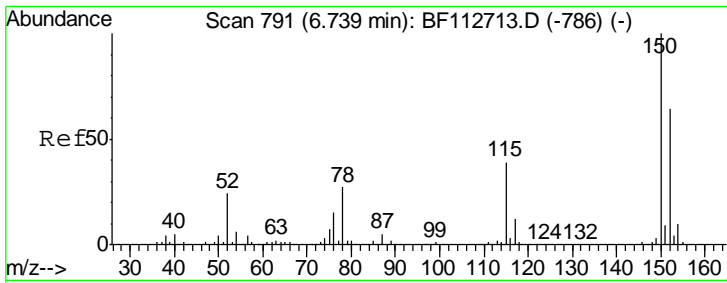
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113150.D
 Acq On : 20 Mar 2019 3:34
 Operator : JU/SJ
 Sample : K1933-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-9

Quant Time: Mar 20 07:19:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

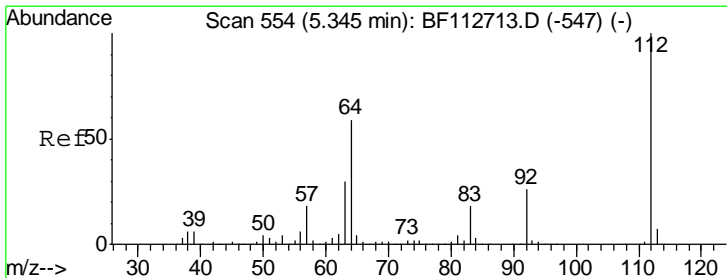
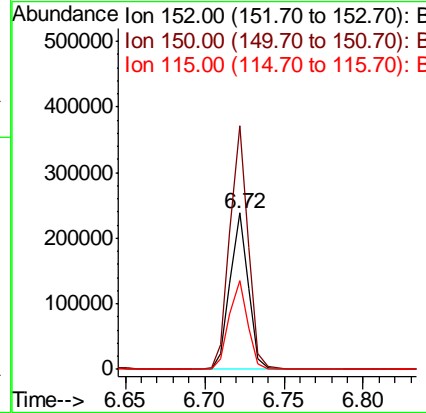
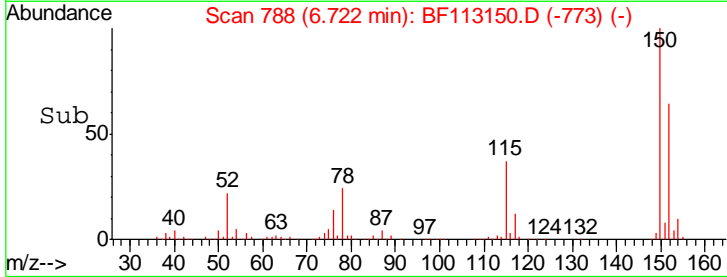
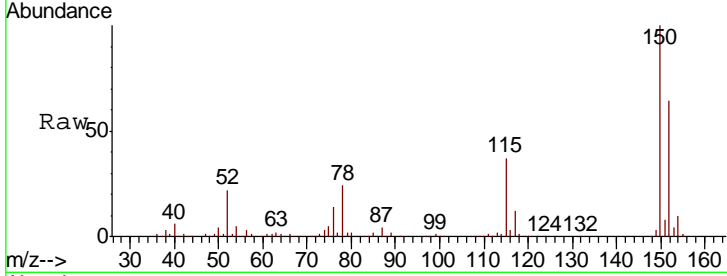




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF113150.D
 Acq: 20 Mar 2019 3:34

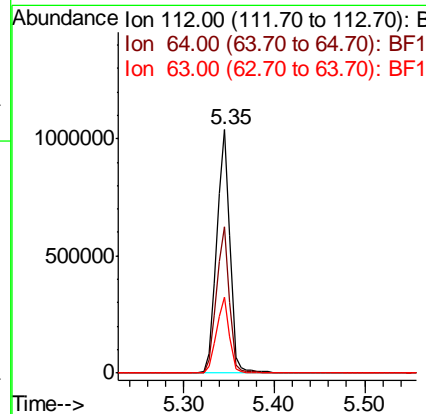
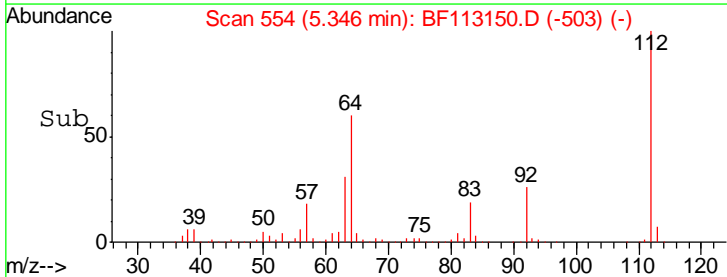
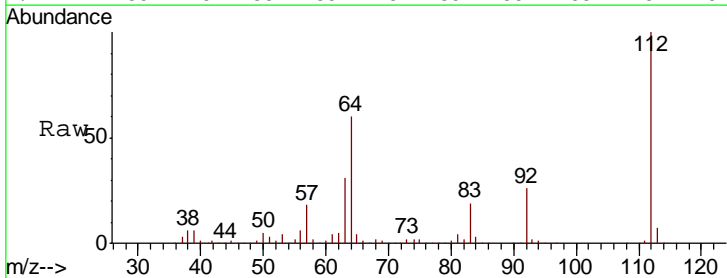
Instrument :
 BNA_F
 ClientSampled :
 S-9

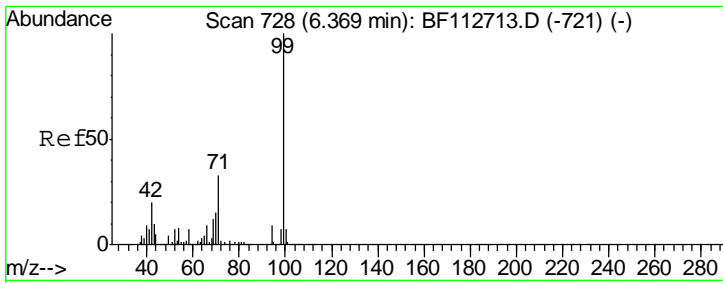
Tgt Ion	Resp	Lower	Upper
152	190618		
150	155.8	124.2	186.2
115	57.0	48.2	72.4



#5
 2-Fluorophenol
 Concen: 87.393 ng
 RT: 5.35 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF113150.D
 Acq: 20 Mar 2019 3:34

Tgt Ion	Resp	Lower	Upper
112	1070922		
64	60.0	47.6	71.4
63	31.3	24.4	36.6

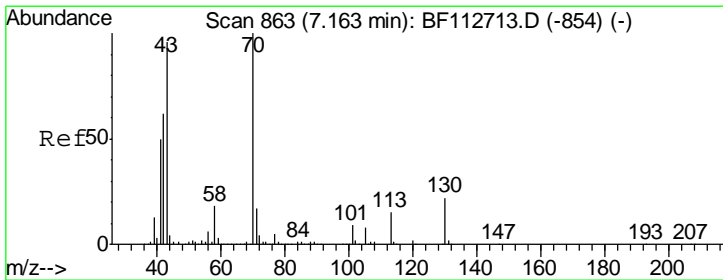
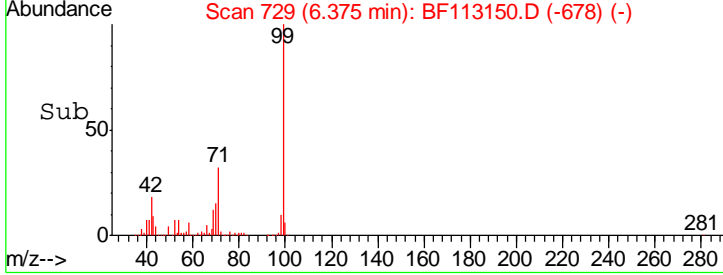
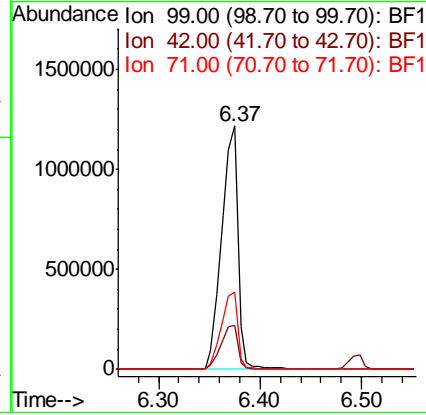
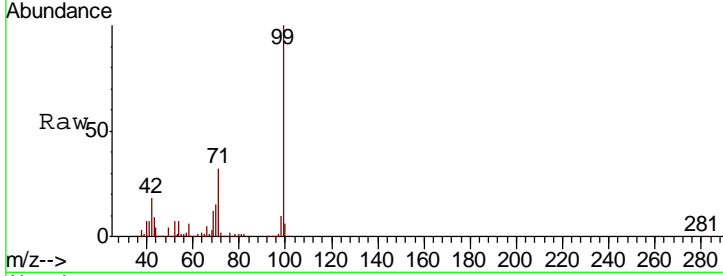




#7
 Phenol-d6
 Concen: 89.251 ng
 RT: 6.37 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF113150.D
 Acq: 20 Mar 2019 3:34

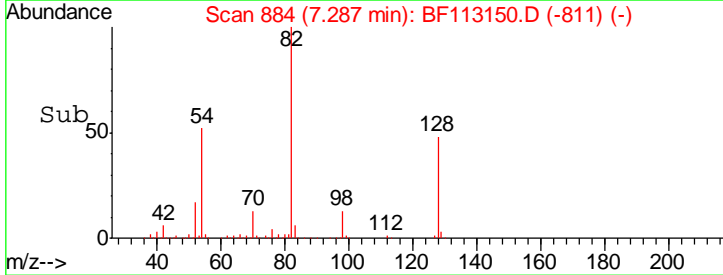
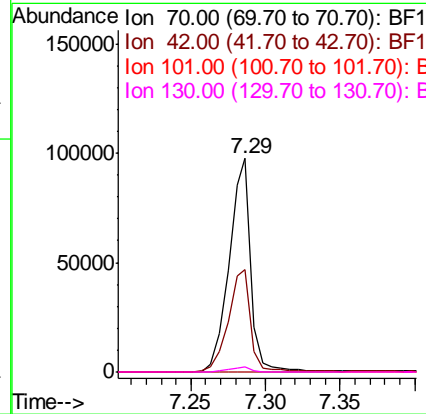
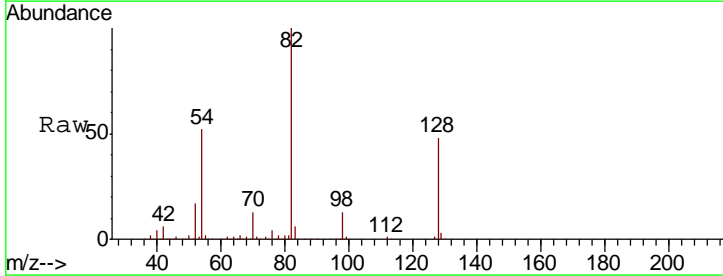
Instrument :
 BNA_F
 ClientSampled :
 S-9

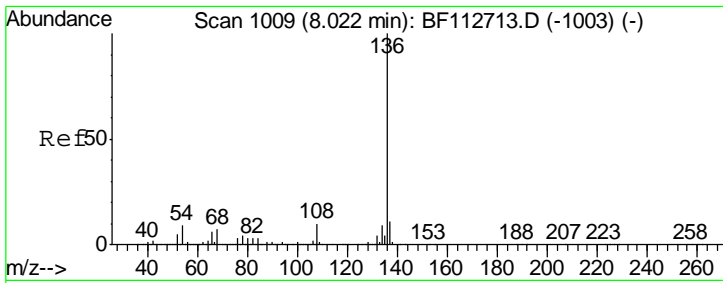
Tgt Ion	Resp	Lower	Upper
99	1373863		
42	18.3	16.3	24.5
71	31.8	26.2	39.4



#19
 n-Nitroso-di-n-propylamine
 Concen: 10.287 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.13 min
 Lab File: BF113150.D
 Acq: 20 Mar 2019 3:34

Tgt Ion	Resp	Lower	Upper
70	100290		
42	47.9	49.9	74.9#
101	0.0	7.4	11.2#
130	2.3	17.4	26.2#

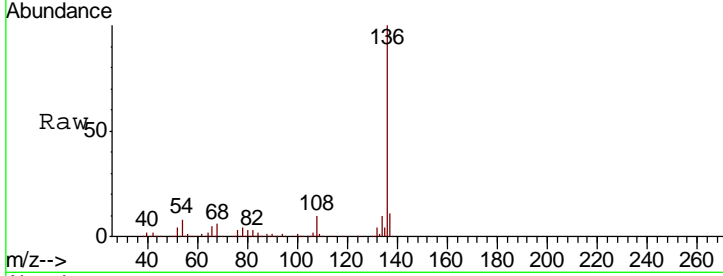




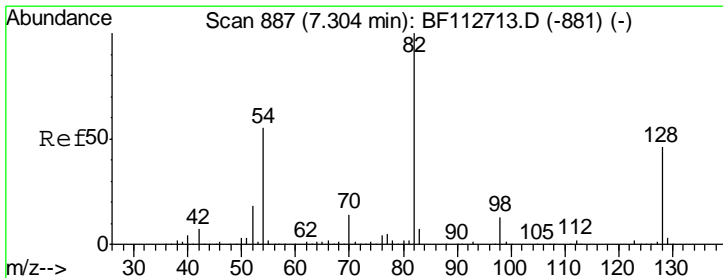
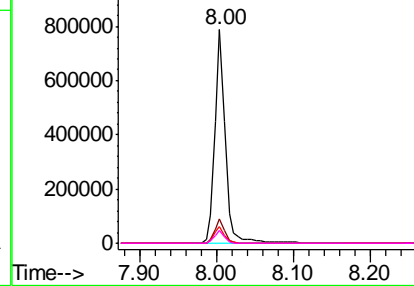
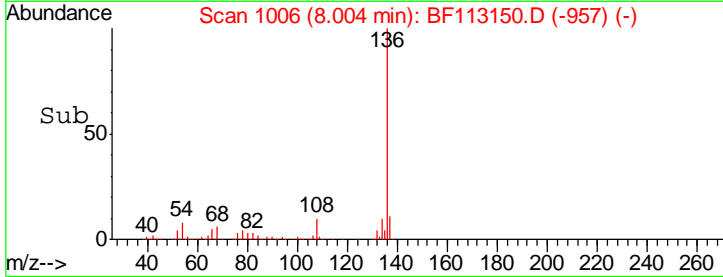
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF113150.D
 Acq: 20 Mar 2019 3:34

Instrument :
 BNA_F
 ClientSampled :
 S-9

Tgt Ion	Resp	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.1	7.3	10.9
68	6.0	5.4	8.2

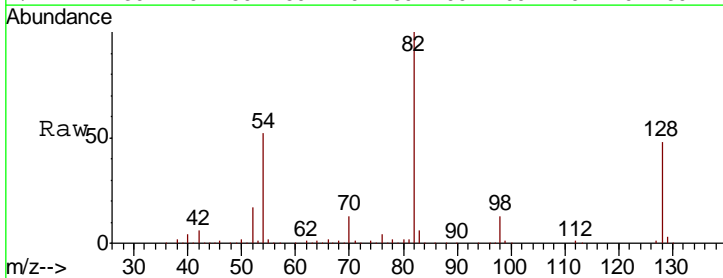


Abundance Ion 136.00 (135.70 to 136.70): E
 Ion 137.00 (136.70 to 137.70): E
 Ion 54.00 (53.70 to 54.70): BF1
 Ion 68.00 (67.70 to 68.70): BF1

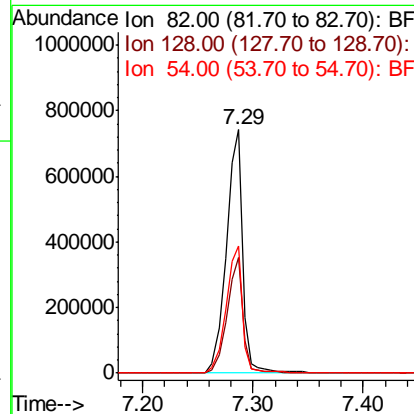
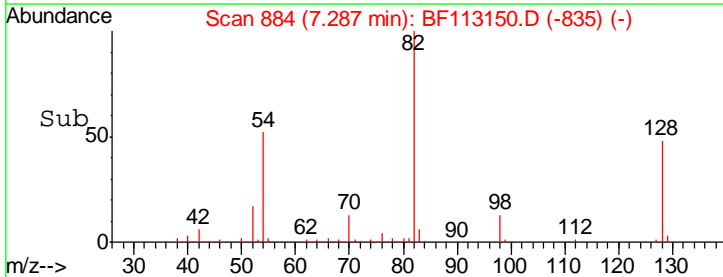


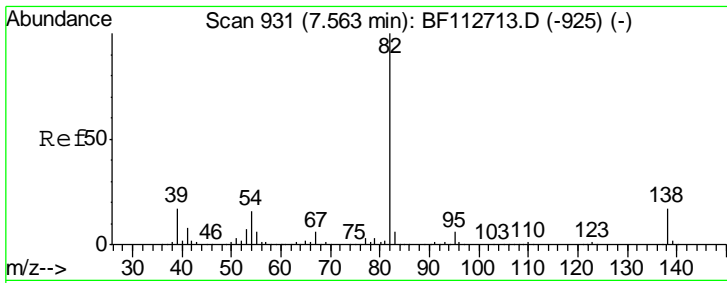
#23
 Nitrobenzene-d5
 Concen: 62.275 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113150.D
 Acq: 20 Mar 2019 3:34

Tgt Ion	Resp	Lower	Upper
82	100		
128	47.6	36.3	54.5
54	52.4	43.7	65.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

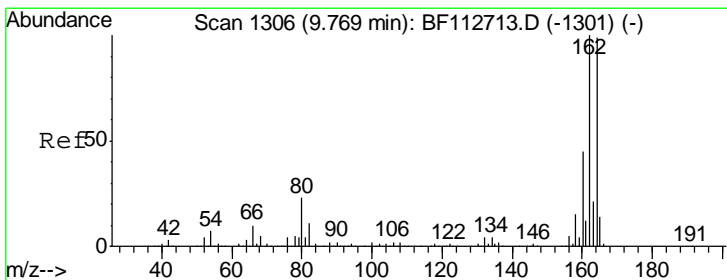
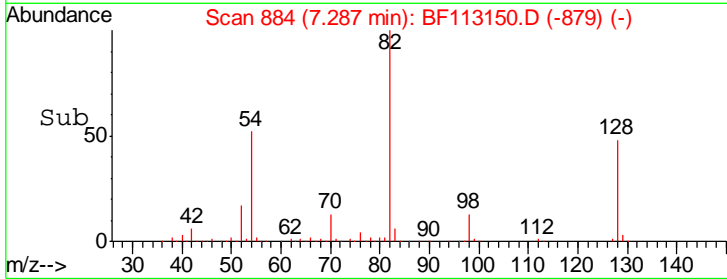
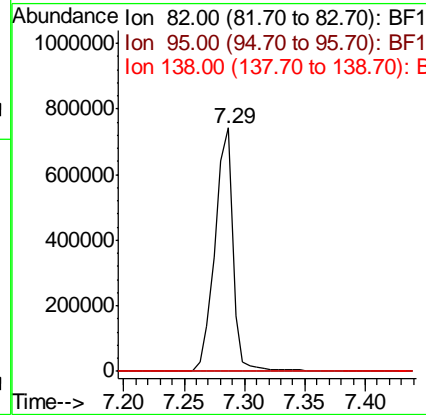
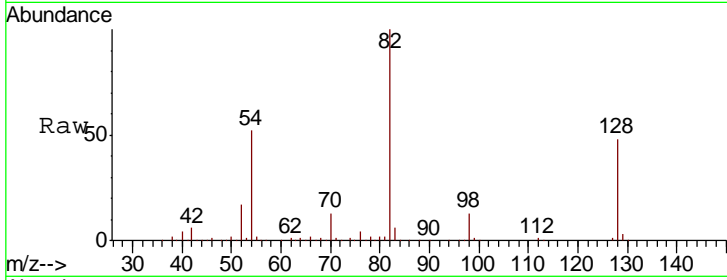




#25
 Isophorone
 Concen: 28.324 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.27 min
 Lab File: BF113150.D
 Acq: 20 Mar 2019 3:34

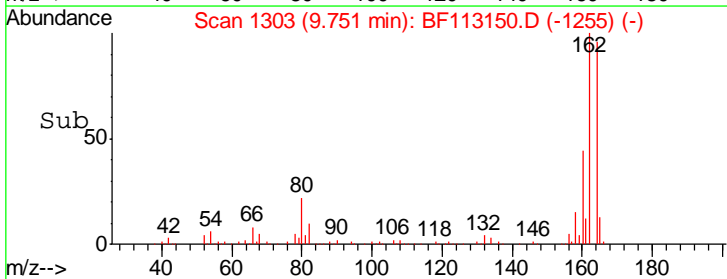
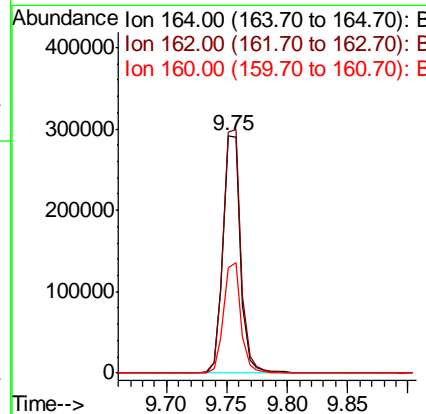
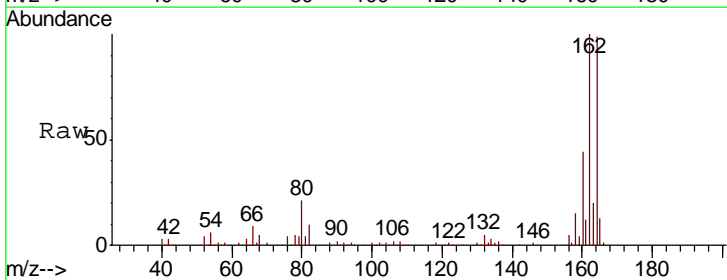
Instrument :
 BNA_F
 ClientSampleID :
 S-9

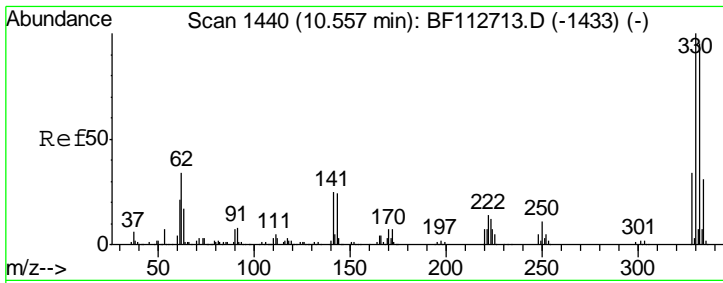
Tgt Ion	Resp	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF113150.D
 Acq: 20 Mar 2019 3:34

Tgt Ion	Resp	Lower	Upper
164	100		
162	101.3	80.6	120.8
160	44.6	36.0	54.0

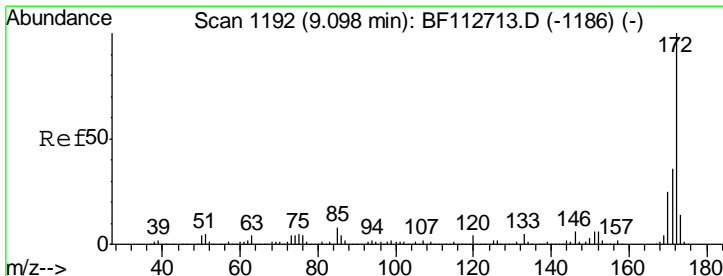
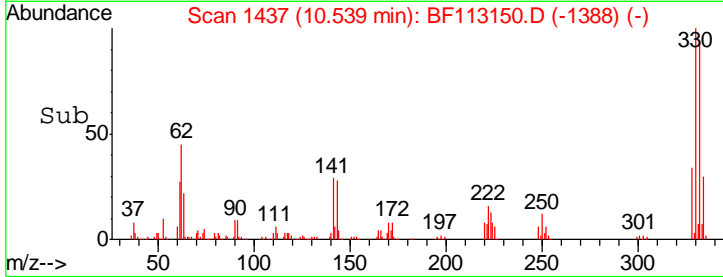
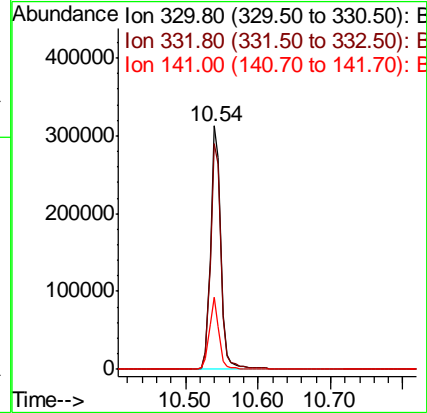
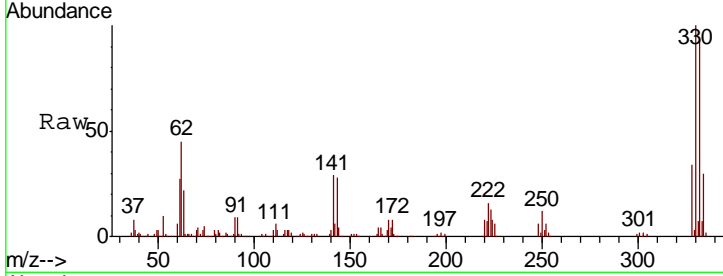




#42
 2,4,6-Tribromophenol
 Concen: 101.155 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113150.D
 Acq: 20 Mar 2019 3:34

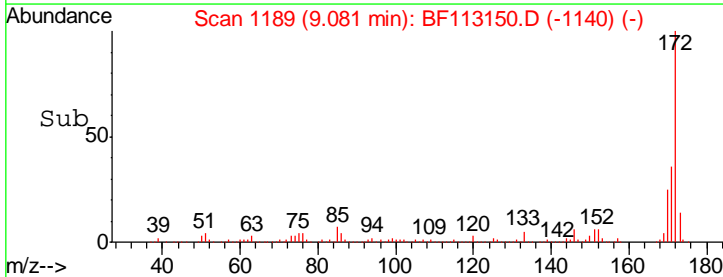
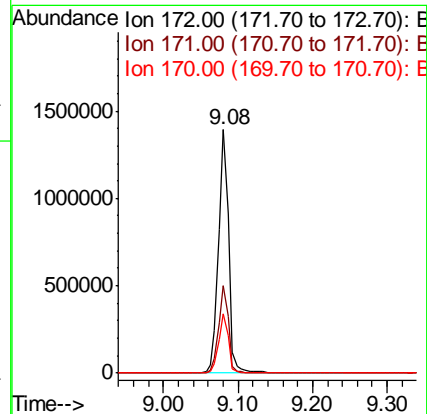
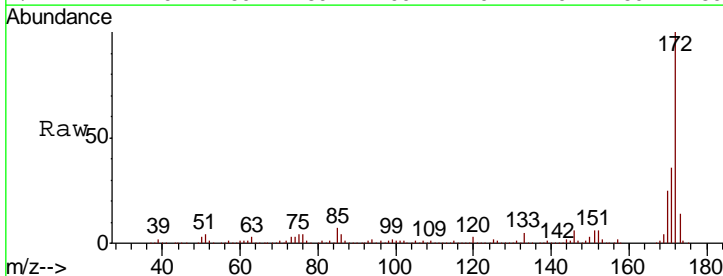
Instrument :
 BNA_F
 ClientSampled :
 S-9

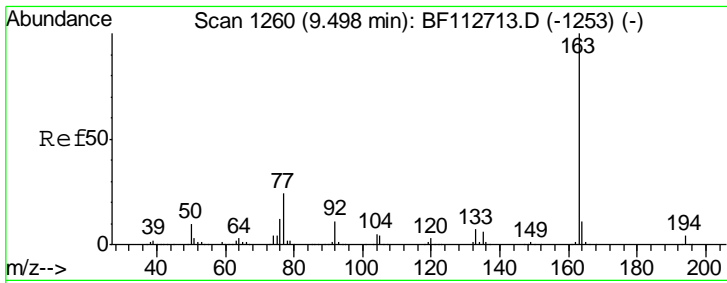
Tgt Ion	Resp	Lower	Upper
330	100		
332	94.8	76.2	114.4
141	27.9	27.0	40.6



#45
 2-Fluorobiphenyl
 Concen: 71.846 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113150.D
 Acq: 20 Mar 2019 3:34

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.5	20.0	30.0

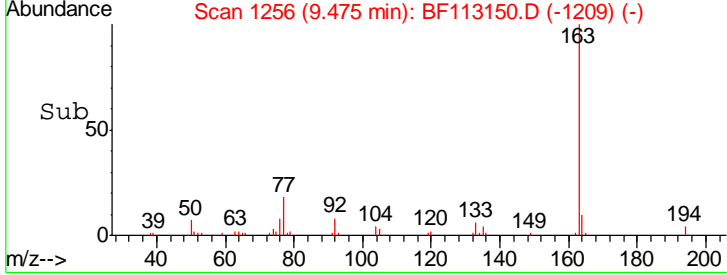
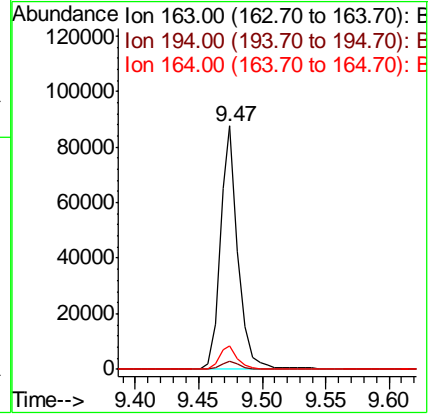
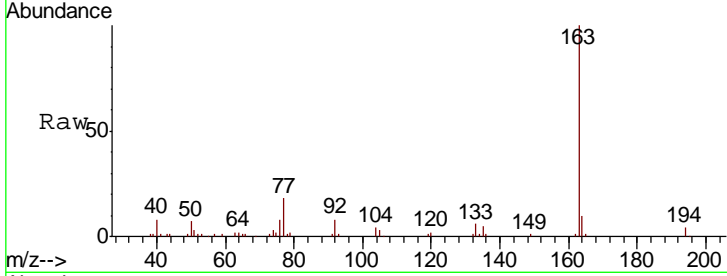




#50
 Dimethylphthalate
 Concen: 3.980 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.02 min
 Lab File: BF113150.D
 Acq: 20 Mar 2019 3:34

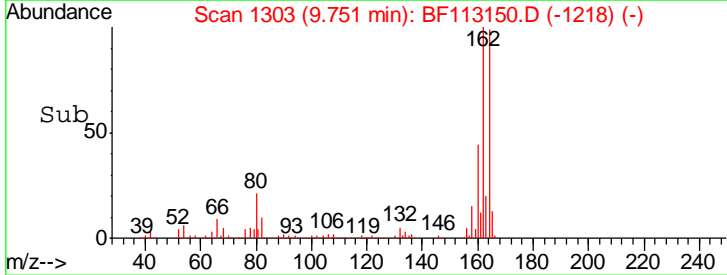
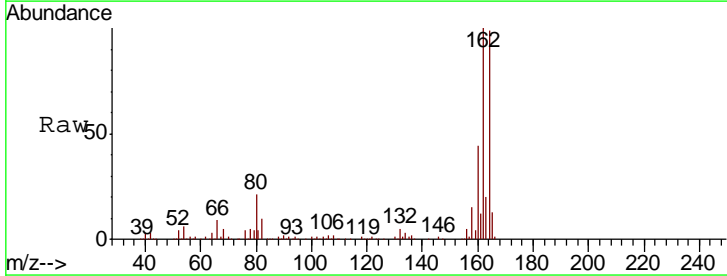
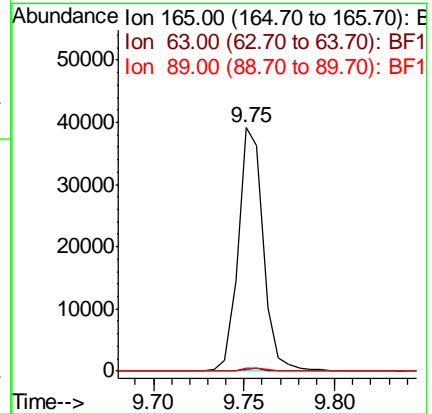
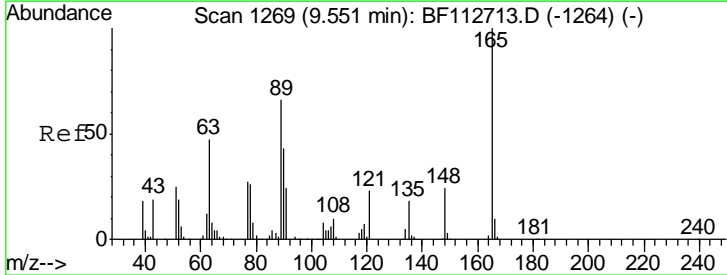
Instrument :
 BNA_F
 ClientSampled :
 S-9

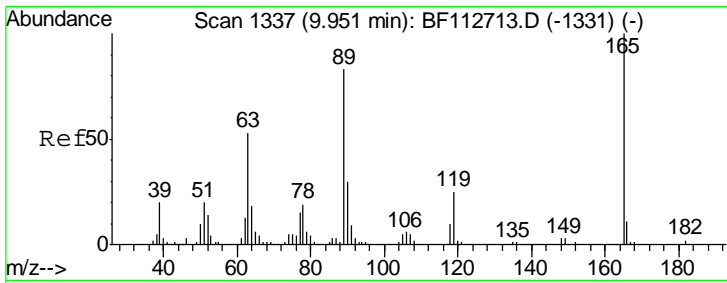
Tgt Ion	Resp	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	9.8	8.4	12.6



#51
 2,6-Dinitrotoluene
 Concen: 8.455 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.20 min
 Lab File: BF113150.D
 Acq: 20 Mar 2019 3:34

Tgt Ion	Resp	Lower	Upper
165	100		
63	0.9	54.1	81.1#
89	1.1	52.8	79.2#

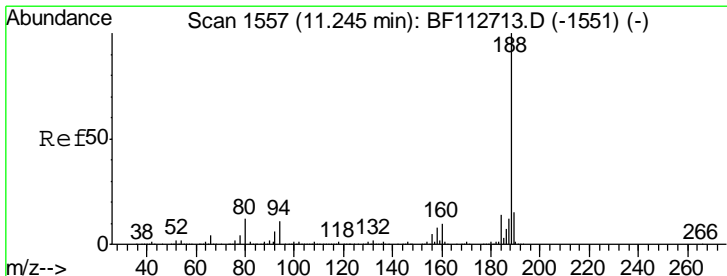
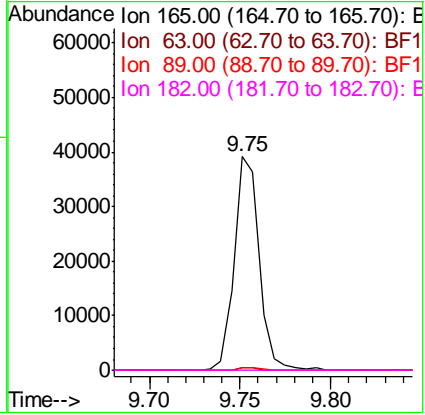
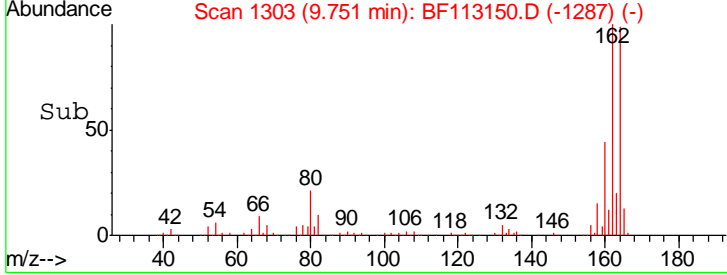
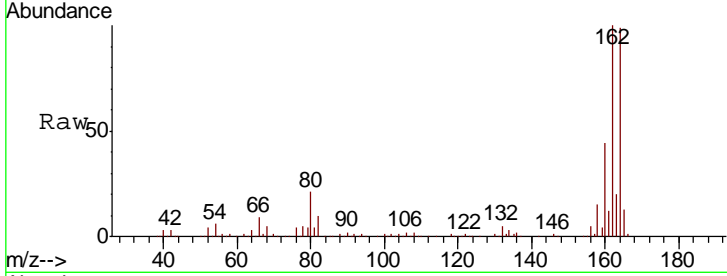




#57
 2,4-Dinitrotoluene
 Concen: 6.802 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF113150.D
 Acq: 20 Mar 2019 3:34

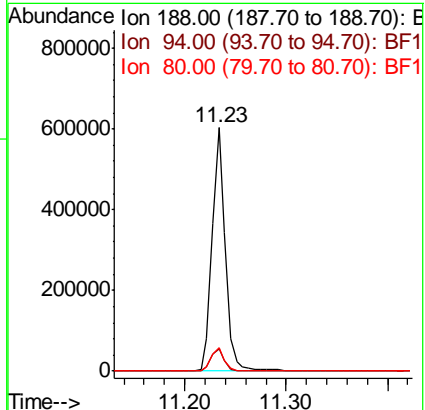
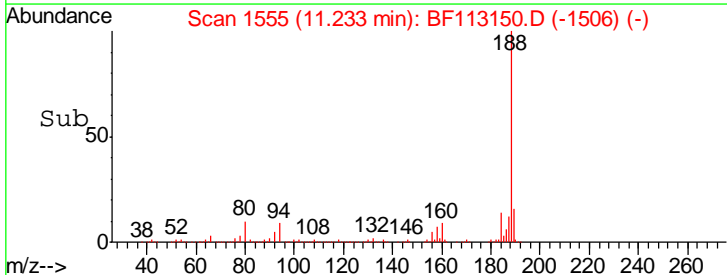
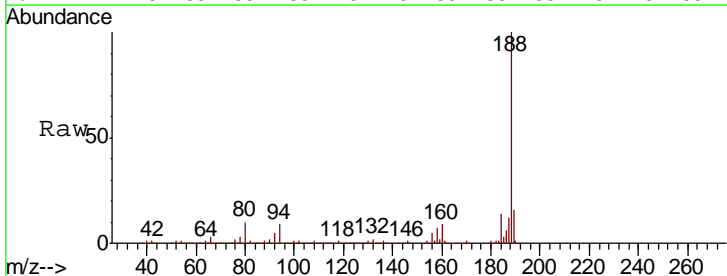
Instrument :
 BNA_F
 ClientSampled :
 S-9

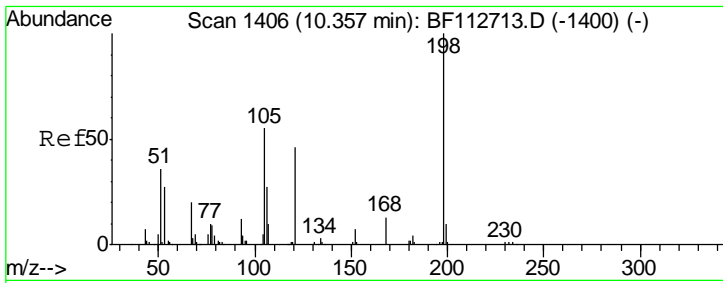
Tgt Ion	Resp	Lower	Upper
165	100		
63	0.9	42.2	63.2#
89	1.1	66.2	99.4#
182	0.0	1.8	2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF113150.D
 Acq: 20 Mar 2019 3:34

Tgt Ion	Resp	Lower	Upper
188	100		
94	9.4	9.0	13.4
80	9.5	9.2	13.8

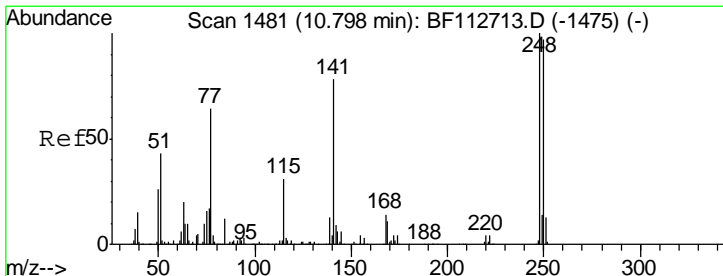
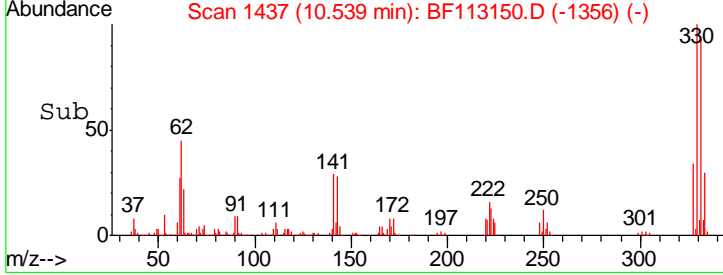
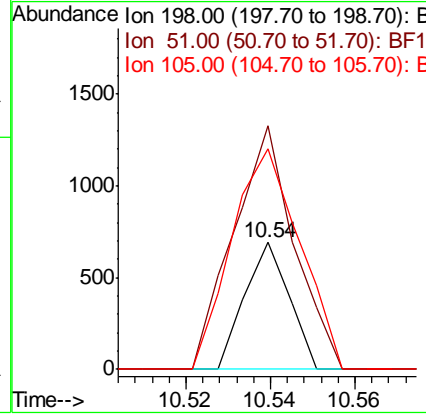
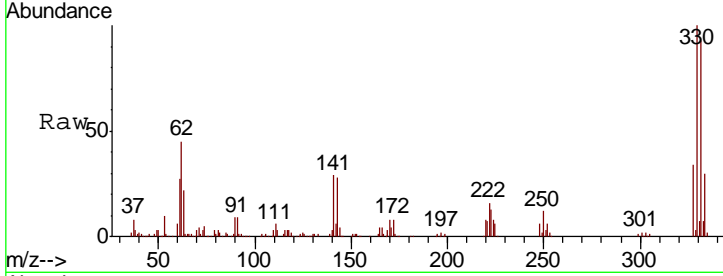




#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.815 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.18 min
 Lab File: BF113150.D
 Acq: 20 Mar 2019 3:34

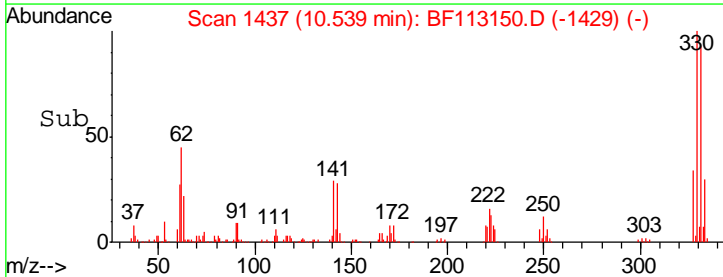
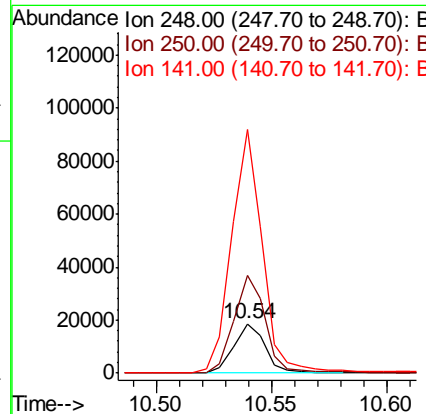
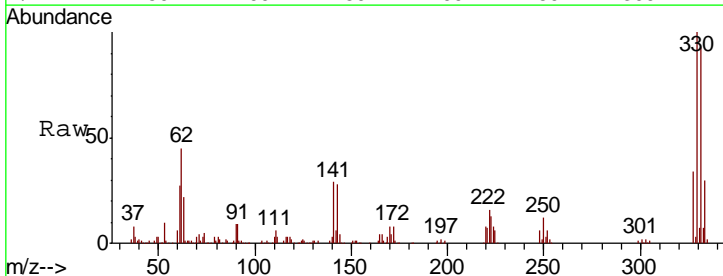
Instrument :
 BNA_F
 ClientSampled :
 S-9

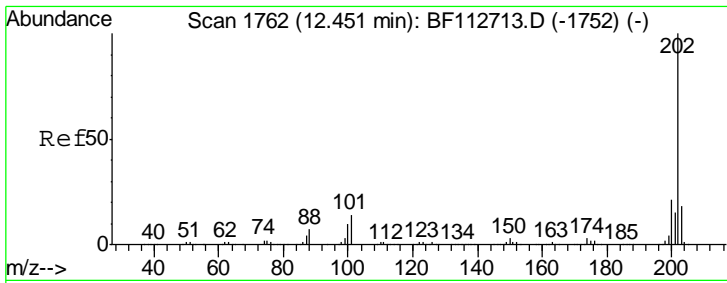
Tgt Ion	Resp	Lower	Upper
198	100		
51	191.8	43.8	83.8#
105	173.3	36.5	76.5#



#67
 4-Bromophenyl-phenylether
 Concen: 3.053 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF113150.D
 Acq: 20 Mar 2019 3:34

Tgt Ion	Resp	Lower	Upper
248	100		
250	199.3	77.5	116.3#
141	493.4	62.4	93.6#

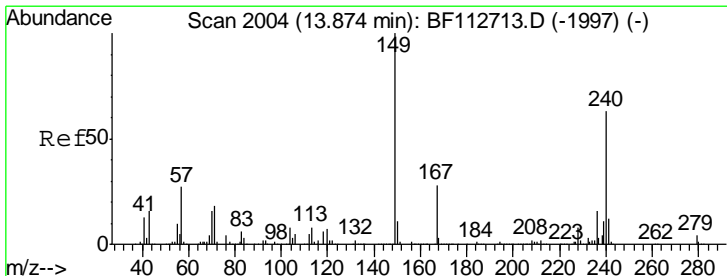
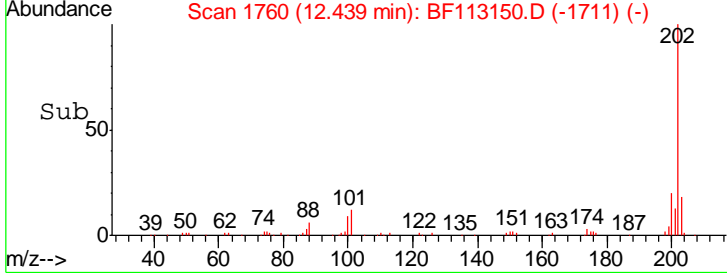
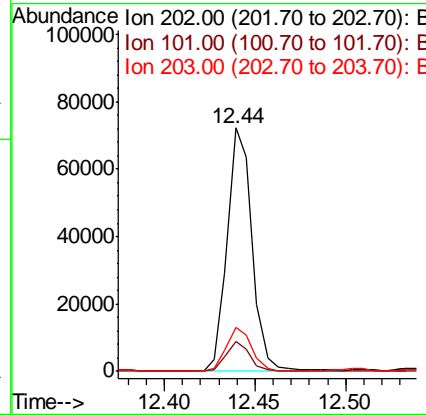
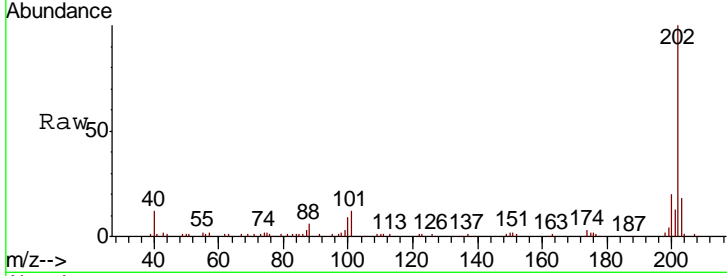




#75
 Fluoranthene
 Concen: 2.377 ng
 RT: 12.44 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BF113150.D
 Acq: 20 Mar 2019 3:34

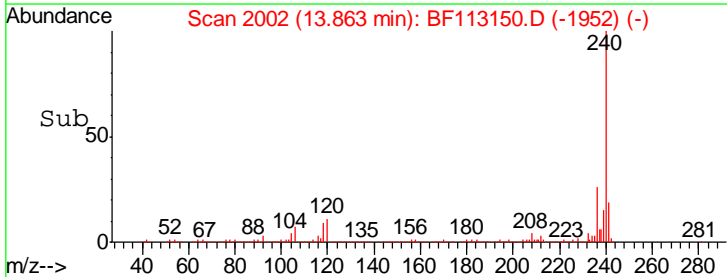
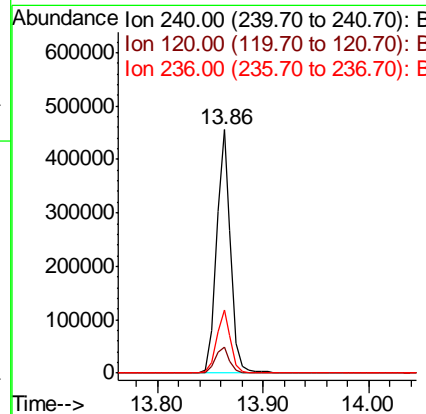
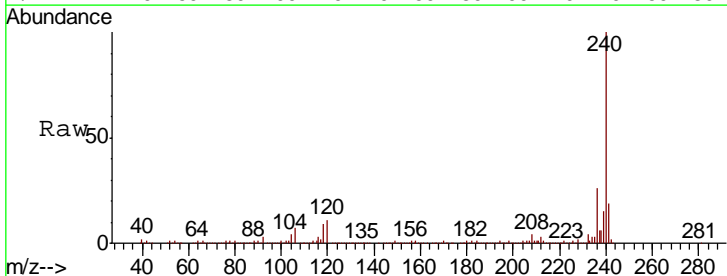
Instrument :
 BNA_F
 ClientSampled :
 S-9

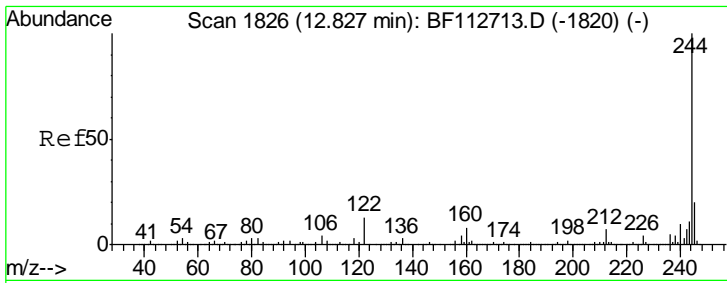
Tgt Ion	Resp	Lower	Upper
202	69344		
101	12.5	0.0	33.8
203	17.8	0.0	38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF113150.D
 Acq: 20 Mar 2019 3:34

Tgt Ion	Resp	Lower	Upper
240	424772		
120	10.8	8.9	13.3
236	25.7	20.7	31.1

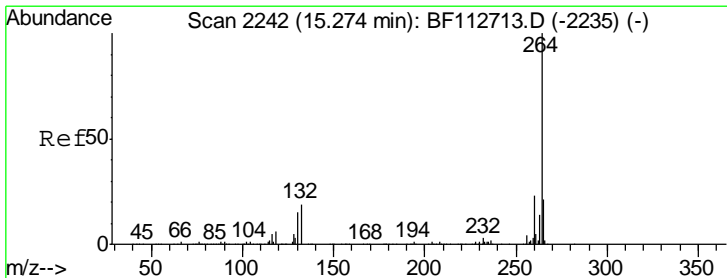
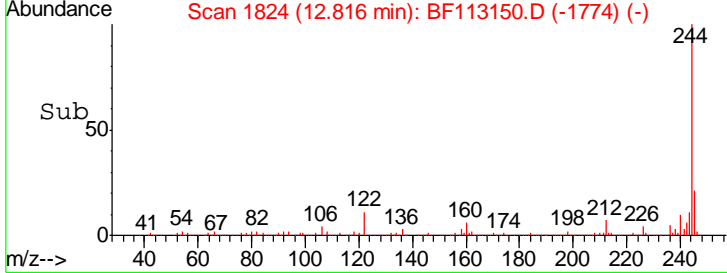
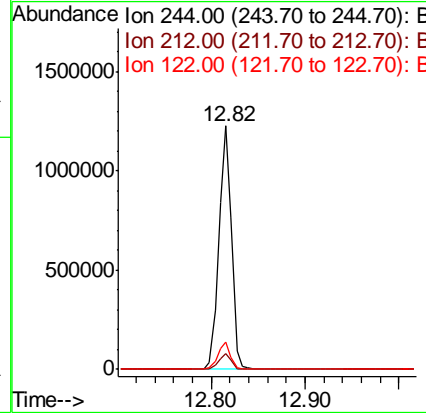
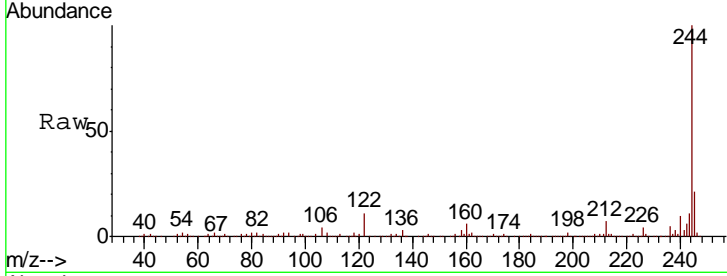




#79
 Terphenyl-d14
 Concen: 53.141 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113150.D
 Acq: 20 Mar 2019 3:34

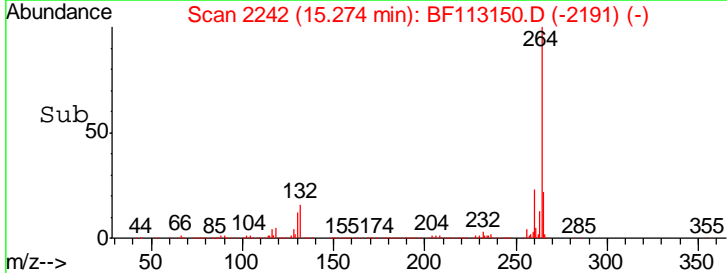
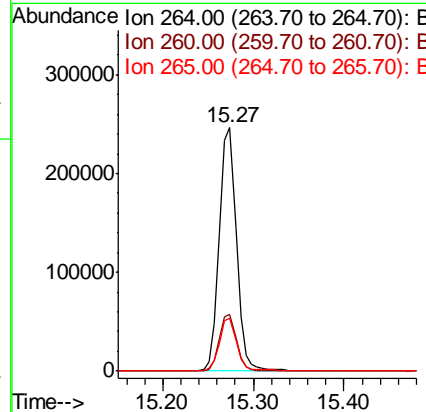
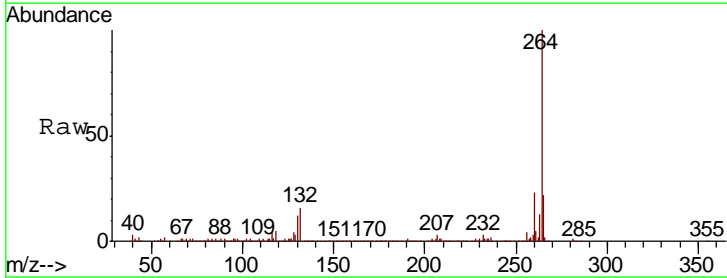
Instrument :
 BNA_F
 ClientSampled :
 S-9

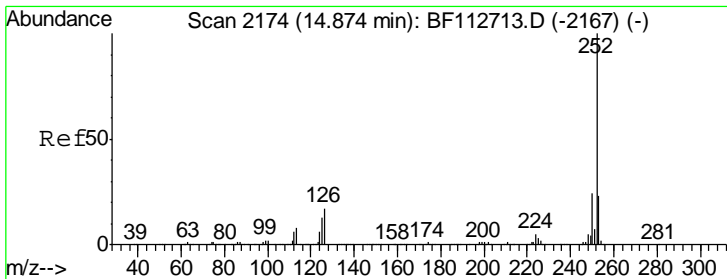
Tgt Ion	Resp	Lower	Upper
244	1164458		
212	6.6	5.6	8.4
122	11.1	10.5	15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BF113150.D
 Acq: 20 Mar 2019 3:34

Tgt Ion	Resp	Lower	Upper
264	324963		
260	23.2	18.7	28.1
265	21.8	17.2	25.8

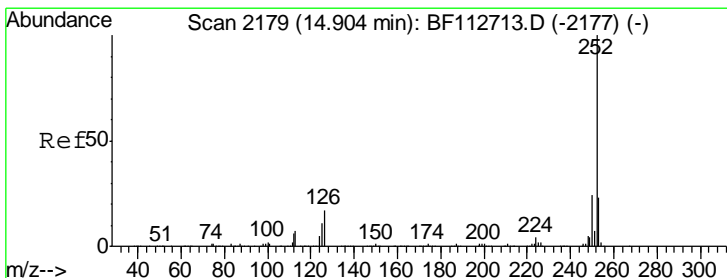
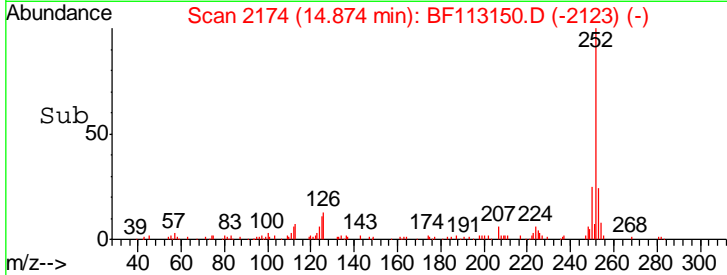
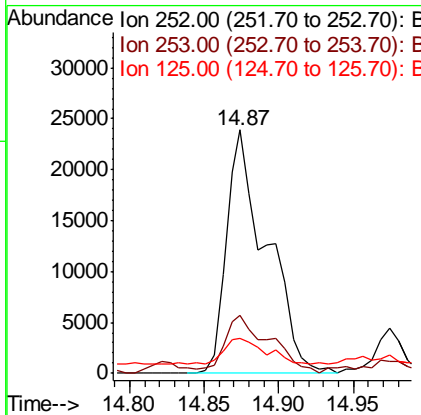
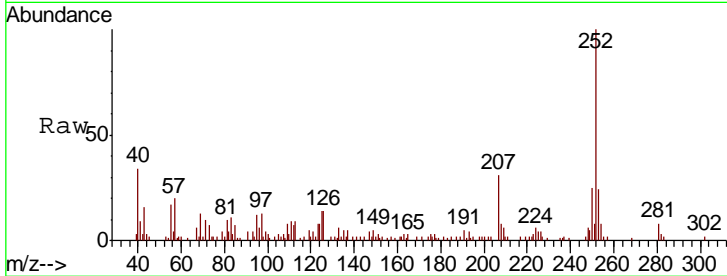




#88
 Benzo(b)fluoranthene
 Concen: 2.120 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BF113150.D
 Acq: 20 Mar 2019 3:34

Instrument :
 BNA_F
 ClientSampled :
 S-9

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	14.2	10.2	15.2



#89
 Benzo(k)fluoranthene
 Concen: 2.341 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. -0.03 min
 Lab File: BF113150.D
 Acq: 20 Mar 2019 3:34

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	14.2	9.8	14.6

