

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
 Data File : BF092686.D
 Acq On : 31 Jan 2017 17:40
 Operator : SJ/MA
 Sample : I1610-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-1

Quant Time: Jan 31 18:08:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	154027	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	597272	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	320900	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	525430	20.00	ng	0.00
75) Chrysene-d12	14.12	240	472886	20.00	ng	-0.02
86) Perylene-d12	15.60	264	396233	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	454037	50.57	ng	-0.02
7) Phenol-d6	6.58	99	470633	40.74	ng	-0.02
23) Nitrobenzene-d5	7.52	82	1043353	97.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	264080	113.78	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1654750	93.42	ng	-0.01
78) Terphenyl-d14	13.08	244	1431628	71.13	ng	0.00

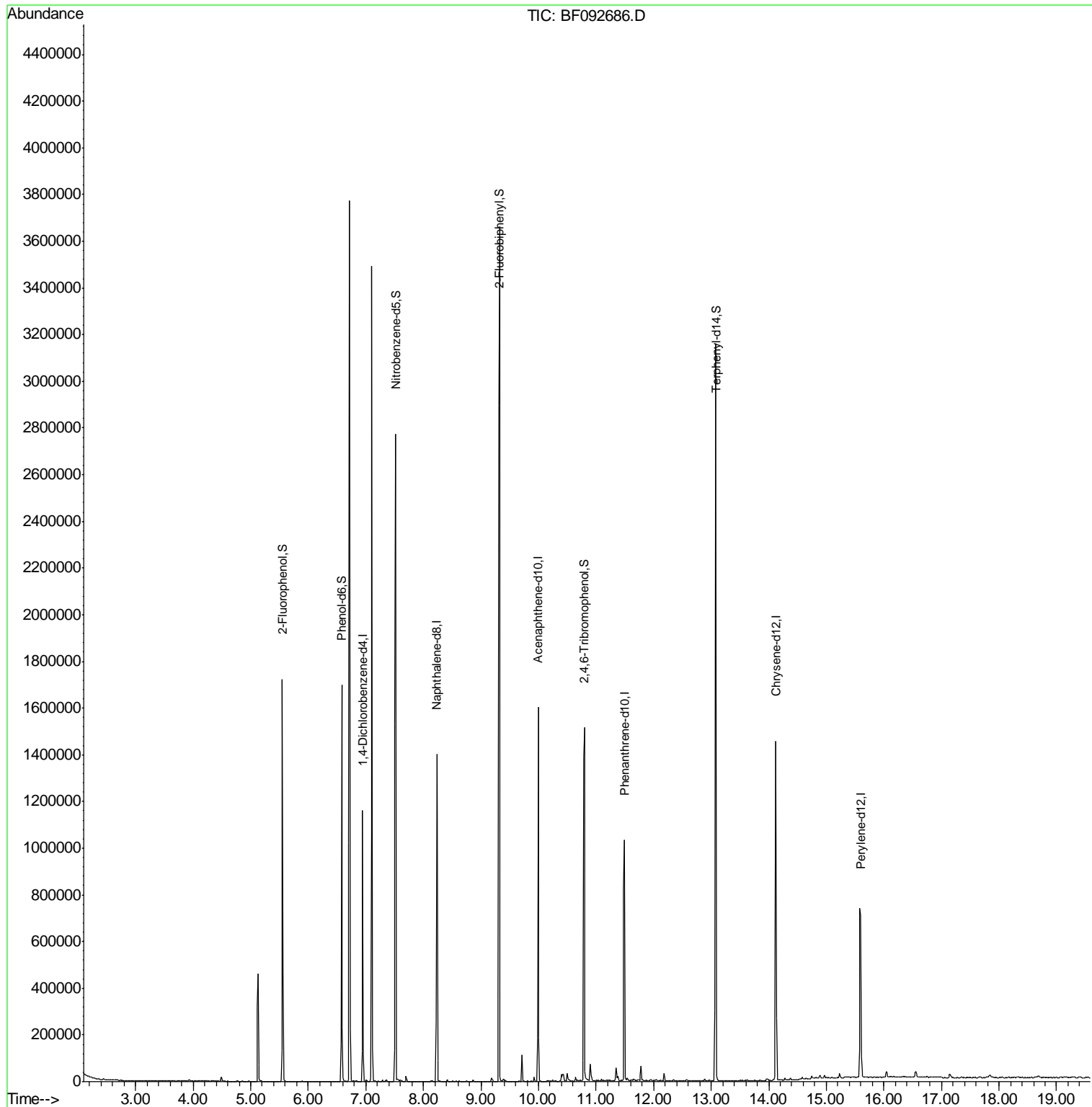
Target Compounds Qvalue

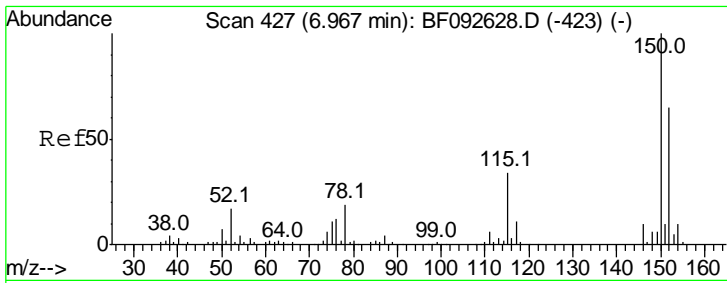
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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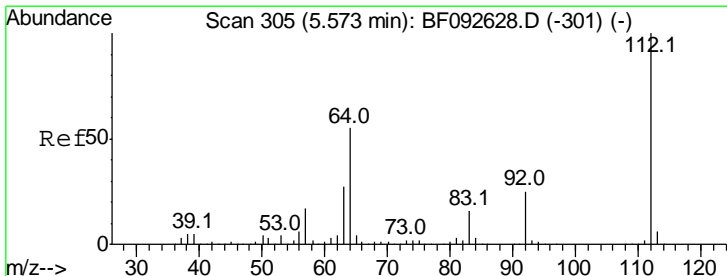
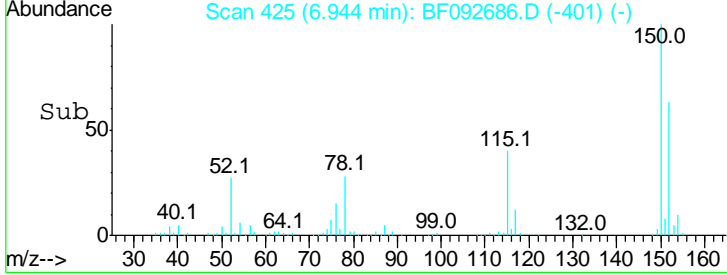
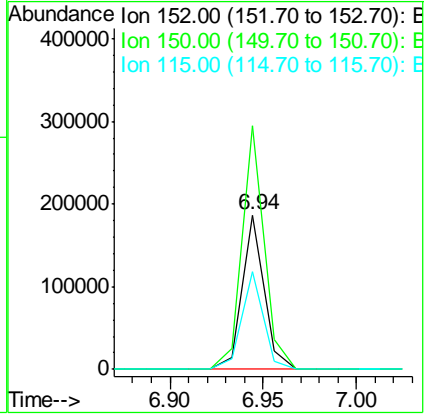
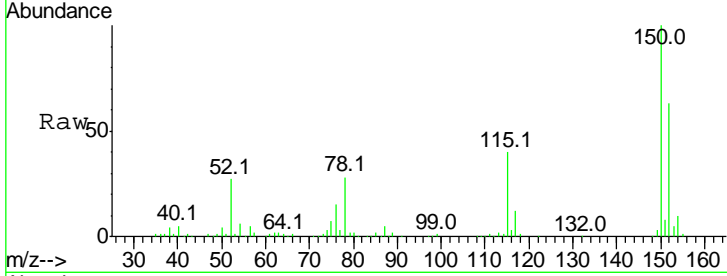




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 425
 Delta R.T. -0.02 min
 Lab File: BF092686.D
 Acq: 31 Jan 2017 17:40

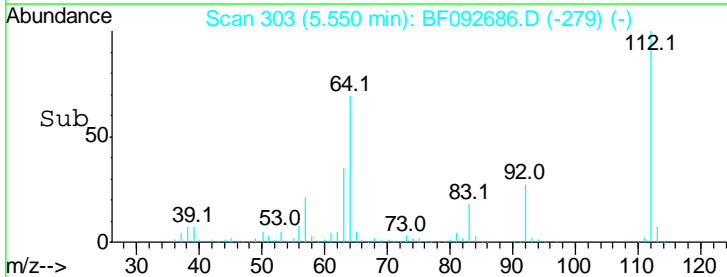
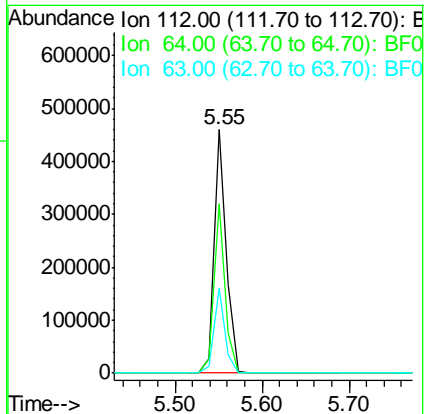
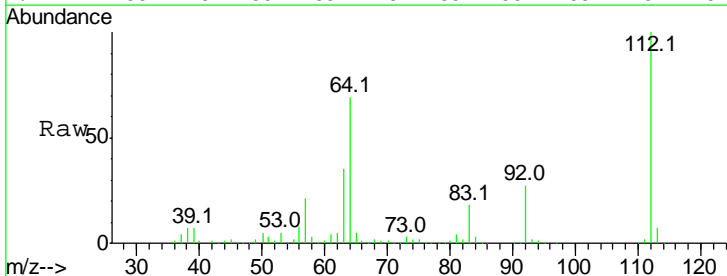
Instrument :
 BNA_F
 ClientSampled :
 W-1

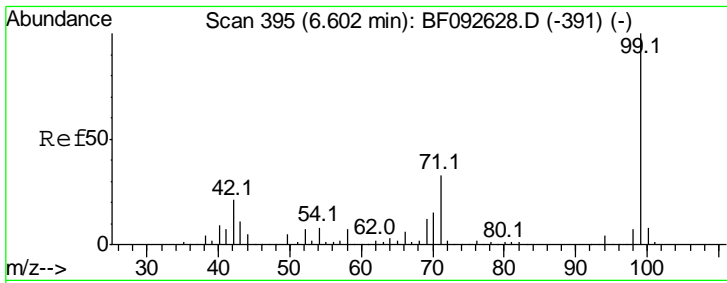
Tgt Ion	Resp	Lower	Upper
152	154027		
152	100		
150	158.0	124.9	187.3
115	63.7	46.0	69.0



#5
 2-Fluorophenol
 Concen: 50.57 ng
 RT: 5.55 min Scan# 303
 Delta R.T. -0.02 min
 Lab File: BF092686.D
 Acq: 31 Jan 2017 17:40

Tgt Ion	Resp	Lower	Upper
112	454037		
112	100		
64	69.4	46.1	69.1#
63	34.8	23.8	35.6

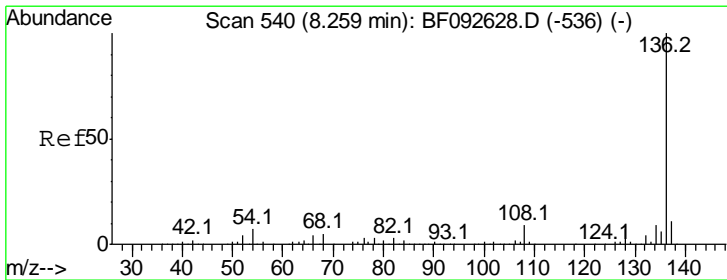
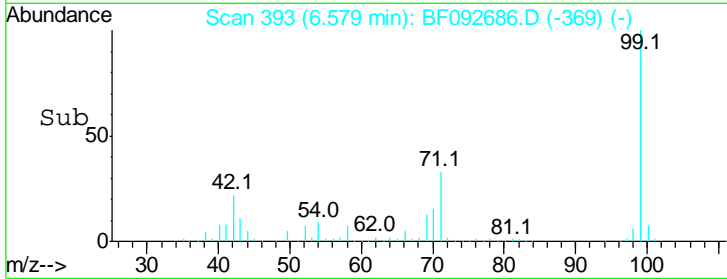
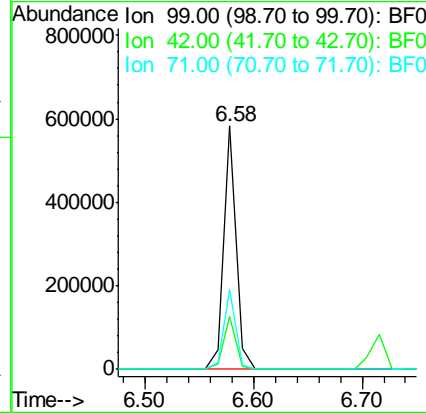
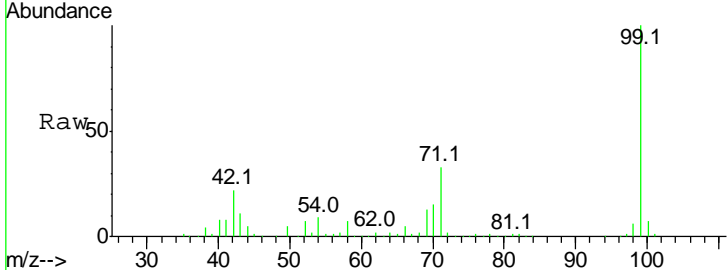




#7
 Phenol-d6
 Concen: 40.74 ng
 RT: 6.58 min Scan# 393
 Delta R.T. -0.02 min
 Lab File: BF092686.D
 Acq: 31 Jan 2017 17:40

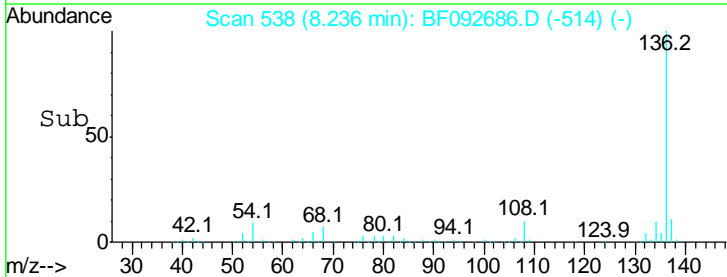
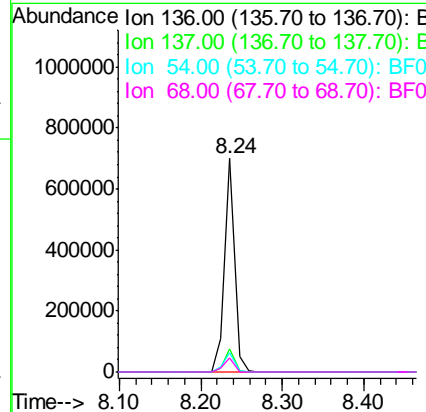
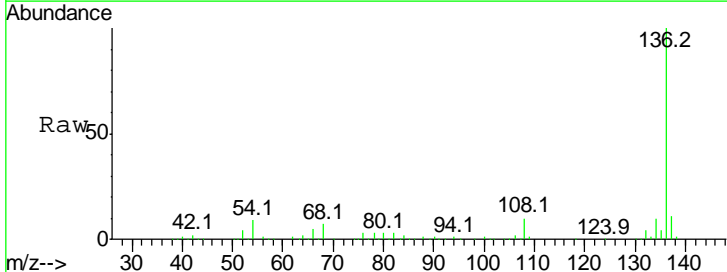
Instrument :
 BNA_F
 ClientSampled :
 W-1

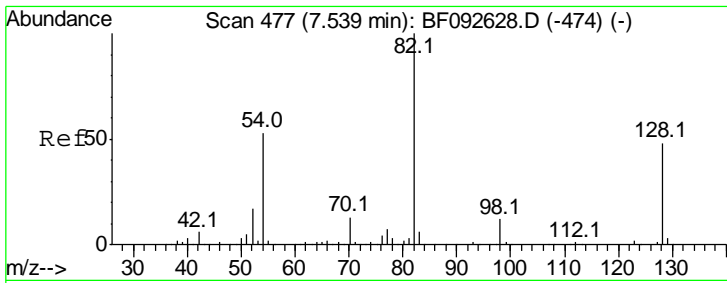
Tgt Ion	Resp	Lower	Upper
99	470633		
99	100		
42	21.6	15.6	23.4
71	32.9	27.5	41.3



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.24 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: BF092686.D
 Acq: 31 Jan 2017 17:40

Tgt Ion	Resp	Lower	Upper
136	597272		
136	100		
137	11.0	8.4	12.6
54	9.3	4.5	6.7#
68	6.5	3.6	5.4#

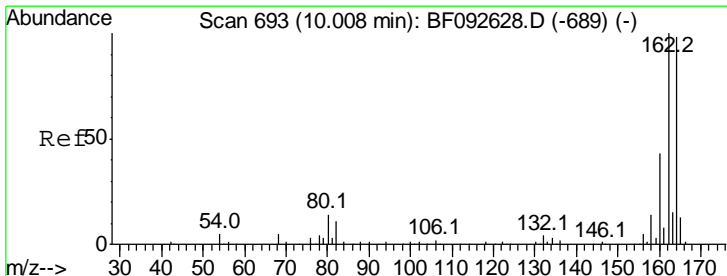
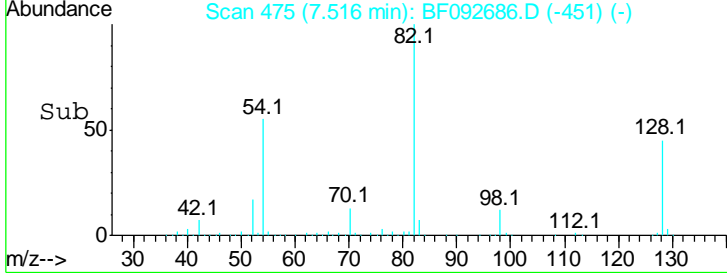
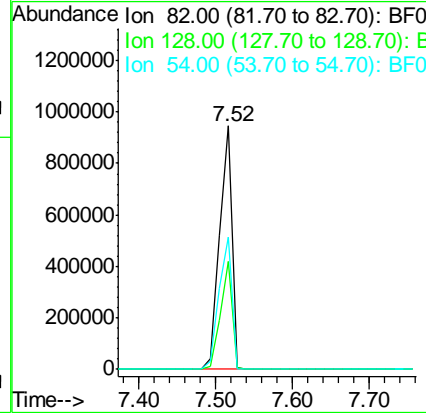
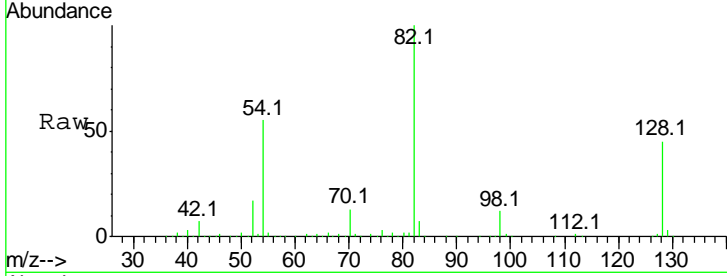




#23
 Nitrobenzene-d5
 Concen: 97.28 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF092686.D
 Acq: 31 Jan 2017 17:40

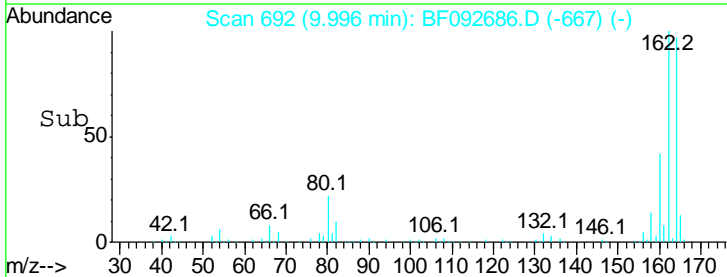
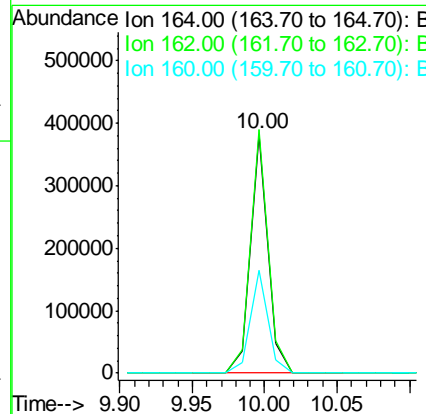
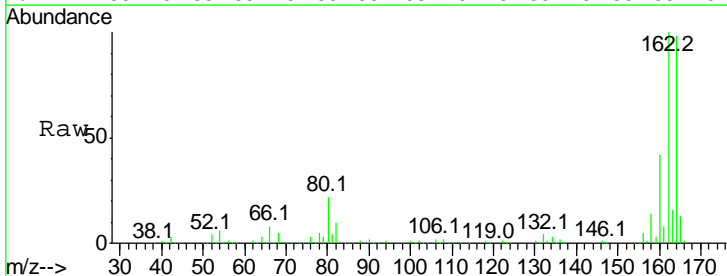
Instrument :
 BNA_F
ClientSampled :
 W-1

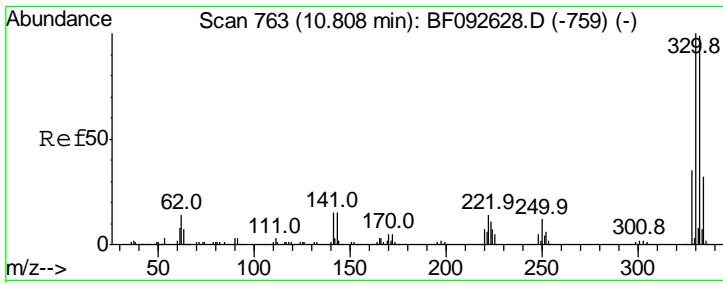
Tgt Ion	Resp	Lower	Upper
82	1043353		
128	44.5	34.6	52.0
54	54.5	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF092686.D
 Acq: 31 Jan 2017 17:40

Tgt Ion	Resp	Lower	Upper
164	320900		
162	102.0	80.2	120.2
160	43.3	36.9	55.3

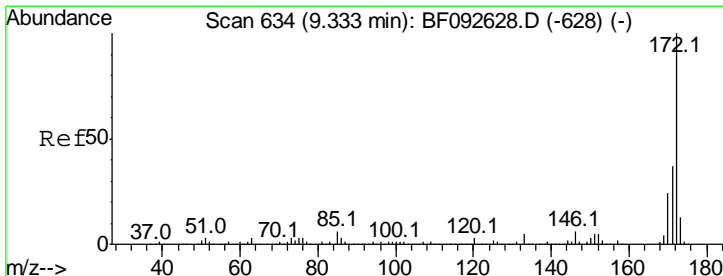
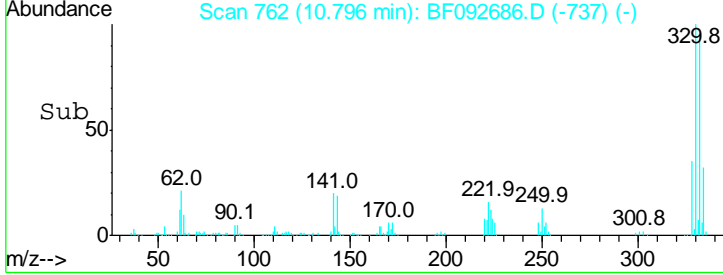
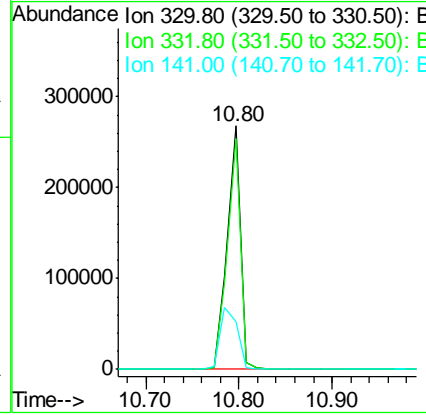
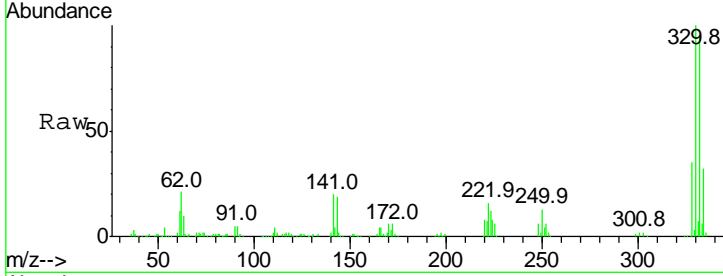




#41
 2,4,6-Tribromophenol
 Concen: 113.78 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092686.D
 Acq: 31 Jan 2017 17:40

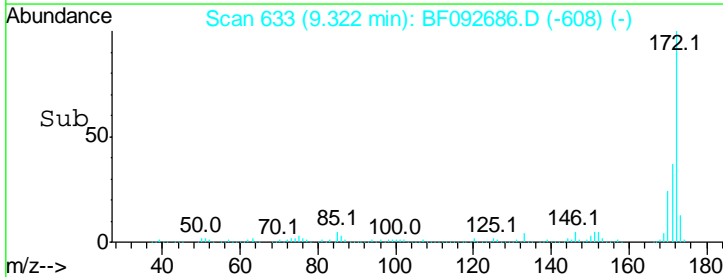
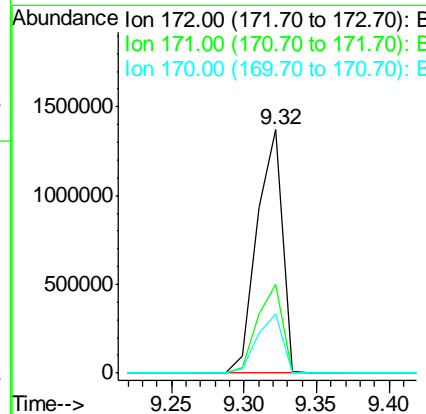
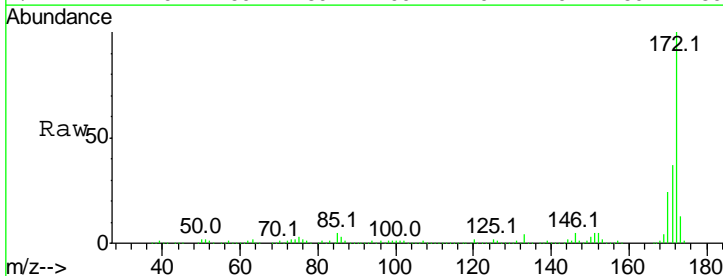
Instrument :
 BNA_F
 ClientSampled :
 W-1

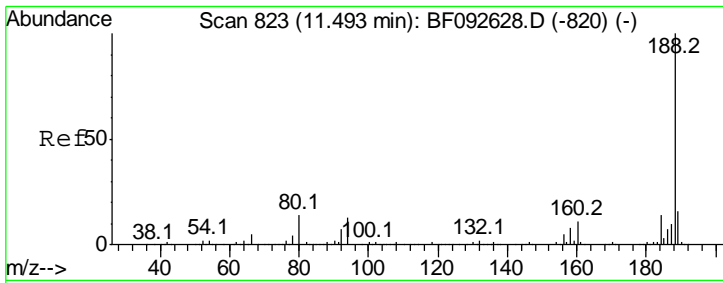
Tgt Ion	Resp	Lower	Upper
330	100		
332	94.5	77.4	116.2
141	33.0	34.1	51.1#



#44
 2-Fluorobiphenyl
 Concen: 93.42 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092686.D
 Acq: 31 Jan 2017 17:40

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.3	20.2	30.4

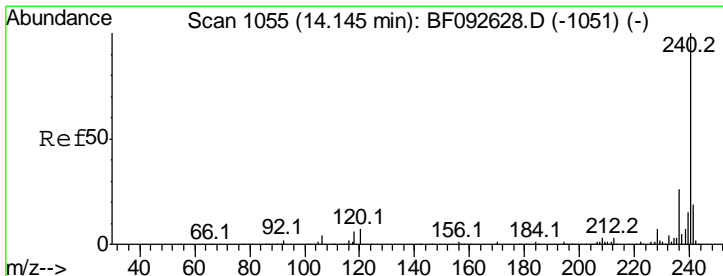
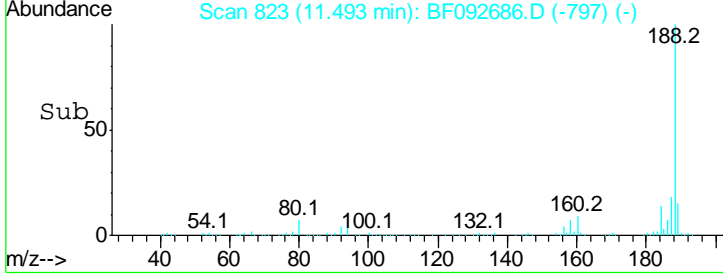
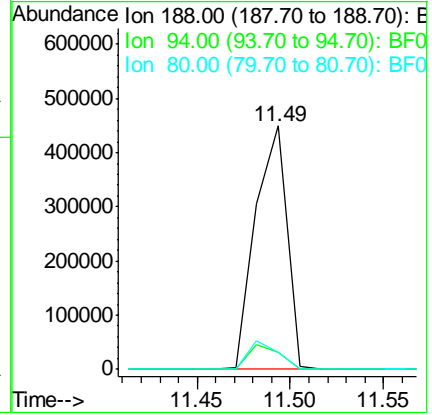
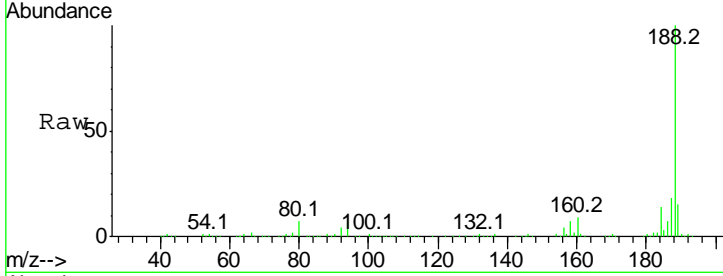




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF092686.D
 Acq: 31 Jan 2017 17:40

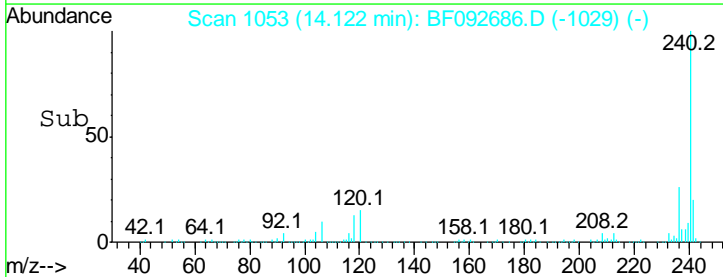
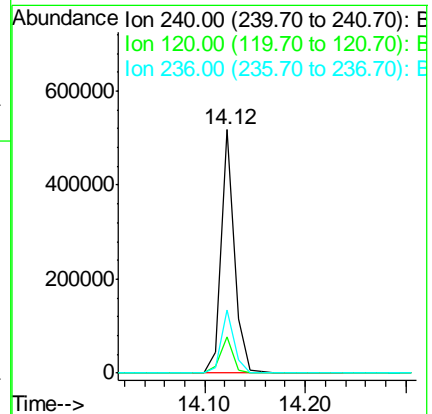
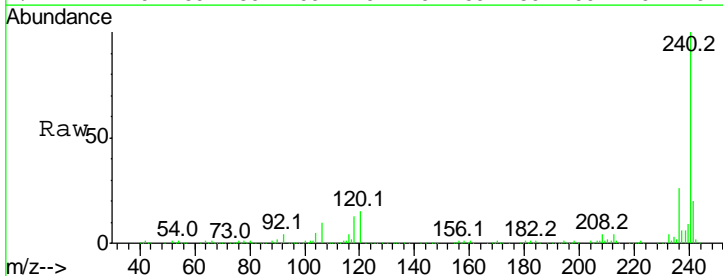
Instrument :
 BNA_F
 ClientSampled :
 W-1

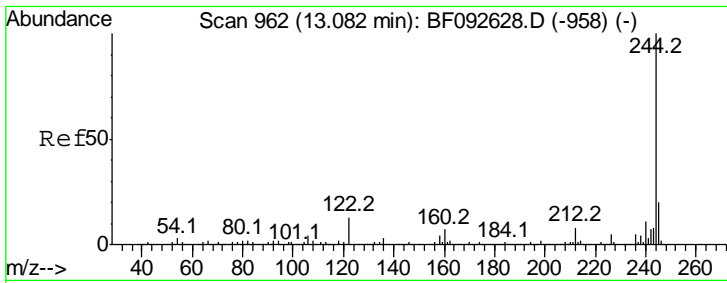
Tgt Ion	Resp	Lower	Upper
188	100		
94	6.8	10.0	15.0#
80	7.1	11.2	16.8#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.12 min Scan# 1053
 Delta R.T. -0.02 min
 Lab File: BF092686.D
 Acq: 31 Jan 2017 17:40

Tgt Ion	Resp	Lower	Upper
240	100		
120	14.9	12.9	19.3
236	25.9	20.9	31.3



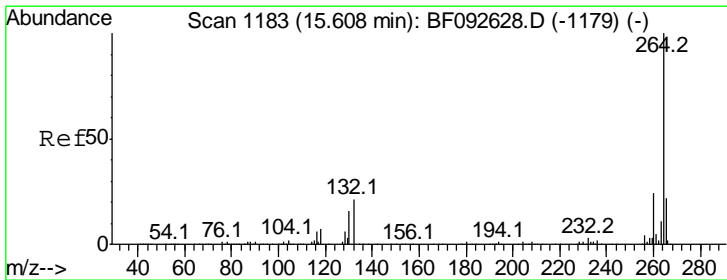
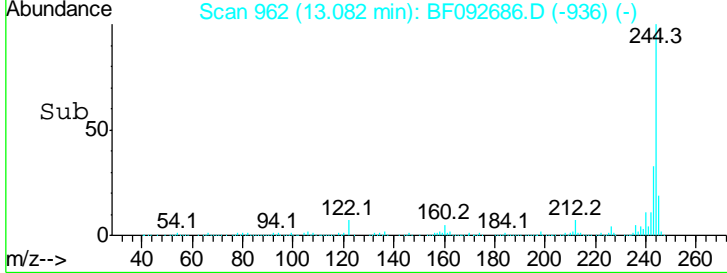
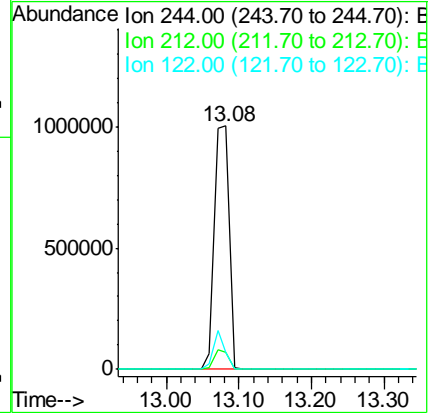
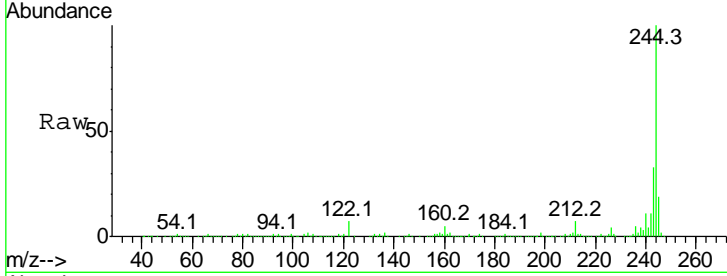


#78
 Terphenyl-d14
 Concen: 71.13 ng
 RT: 13.08 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF092686.D
 Acq: 31 Jan 2017 17:40

Instrument :
 BNA_F
 ClientSampled :
 W-1

Tgt Ion: 244 Resp: 1431628

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.2	9.2
122	7.0	11.4	17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF092686.D
 Acq: 31 Jan 2017 17:40

Tgt Ion: 264 Resp: 396233

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	17.4	26.0

