

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042417\  
 Data File : BF094582.D  
 Acq On : 24 Apr 2017 13:49  
 Operator : SJ/MA  
 Sample : I2786-08  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DUP-01

Quant Time: Apr 25 01:04:11 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 17 14:59:23 2017  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	155875	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	605025	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	259863	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	428812	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	290127	20.00	ng	-0.02
86) Perylene-d12	16.08	264	264048	20.00	ng	0.00

## System Monitoring Compounds

5) 2-Fluorophenol	4.31	112	1033239	109.97	ng	0.00
7) Phenol-d6	5.39	99	1287206	116.21	ng	0.00
23) Nitrobenzene-d5	6.41	82	774199	79.01	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	236084	116.15	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1395509	79.01	ng	-0.01
78) Terphenyl-d14	13.18	244	995554	91.72	ng	-0.01

## Target Compounds

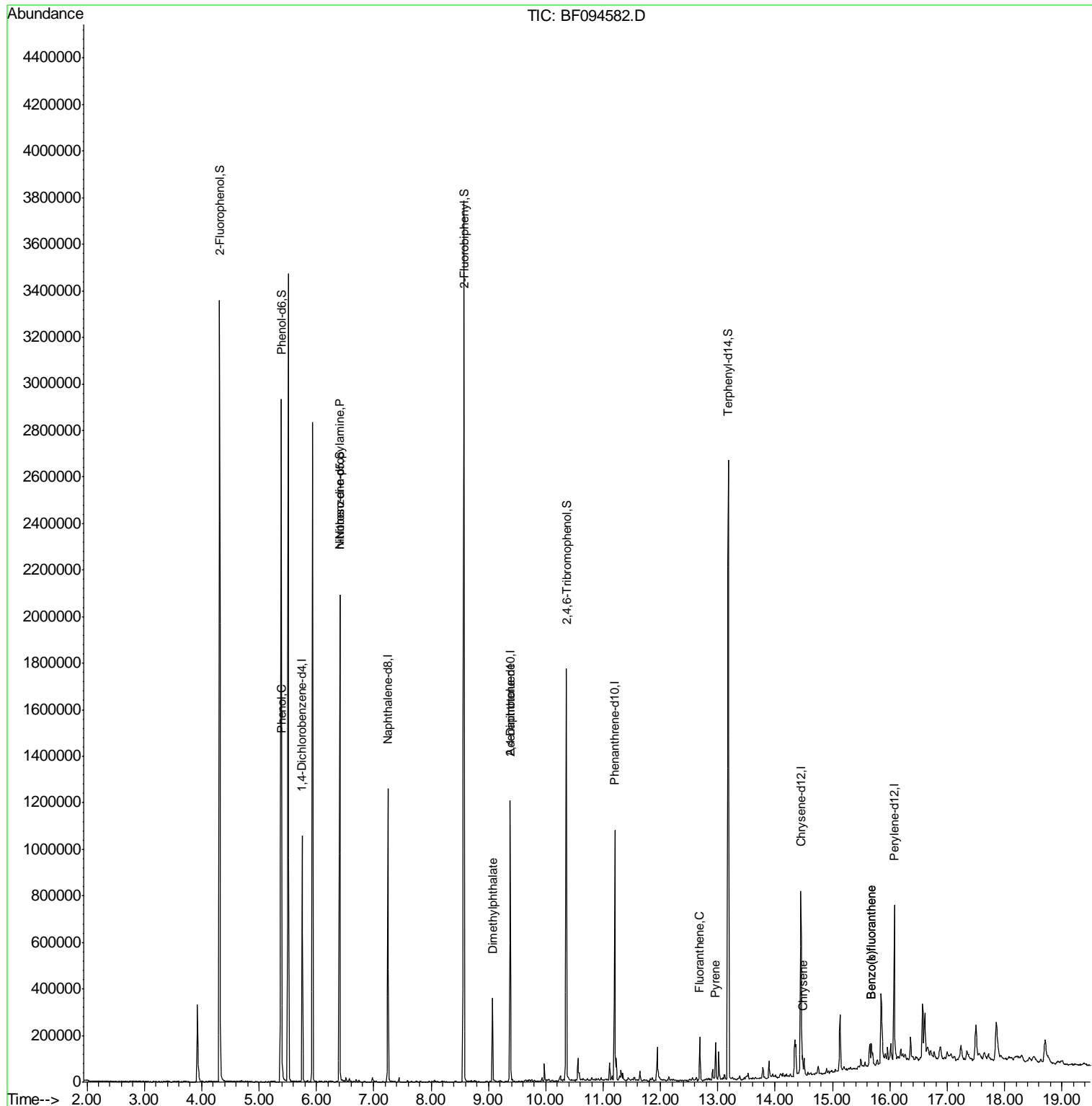
						Qvalue
10) Phenol	5.40	94	79664	5.85	ng	88
19) n-Nitroso-di-n-propylamine	6.41	70	100409	13.68	ng	# 78
49) Dimethylphthalate	9.07	163	158945	8.21	ng	98
56) 2,4-Dinitrotoluene	9.38	165	33849	6.35	ng	# 32
74) Fluoranthene	12.69	202	76271	3.05	ng	96
77) Pyrene	12.97	202	64273	3.17	ng	97
82) Chrysene	14.48	228	32507	2.11	ng	96
87) Benzo(b)fluoranthene	15.67	252	58981	3.65	ng	# 93
88) Benzo(k)fluoranthene	15.67	252	58981	3.86	ng	98

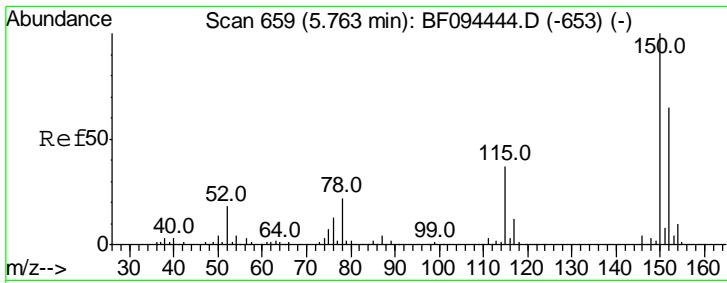
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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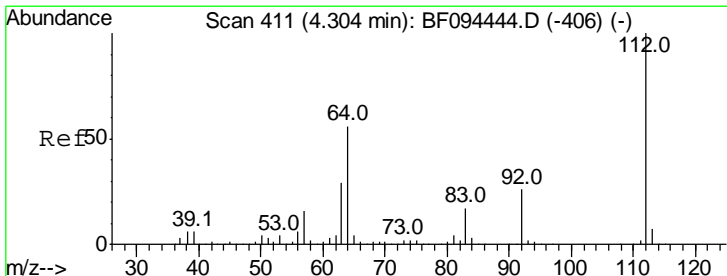
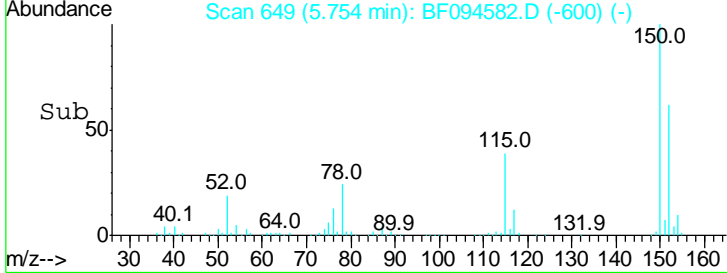
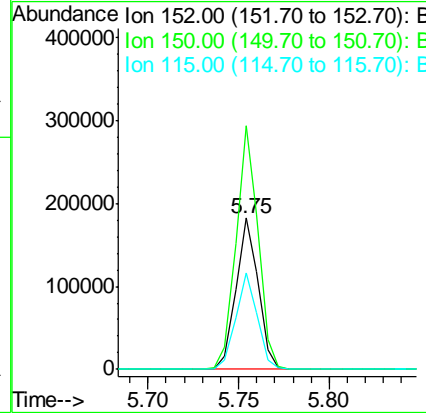
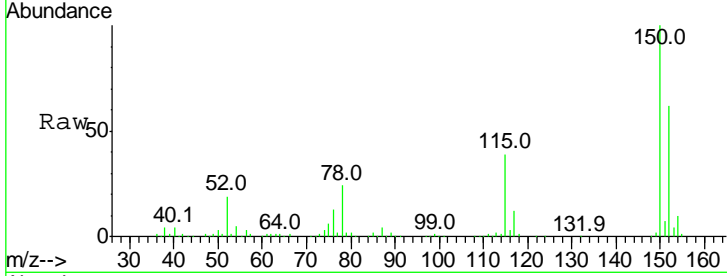




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 5.75 min Scan# 649  
 Delta R.T. -0.01 min  
 Lab File: BF094582.D  
 Acq: 24 Apr 2017 13:49

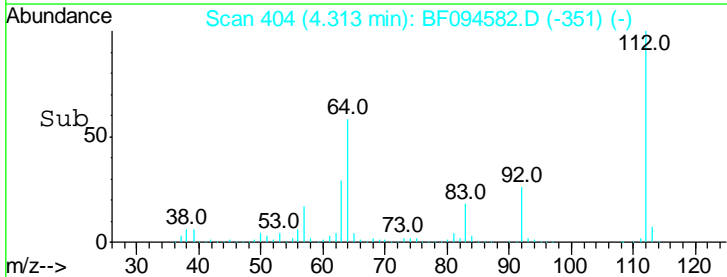
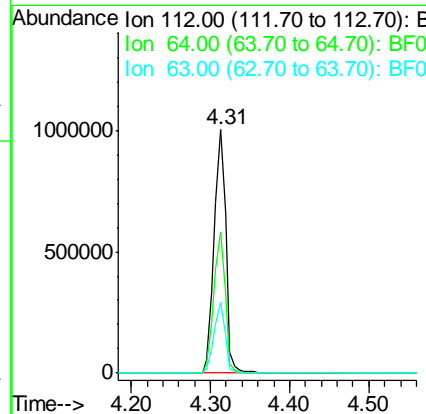
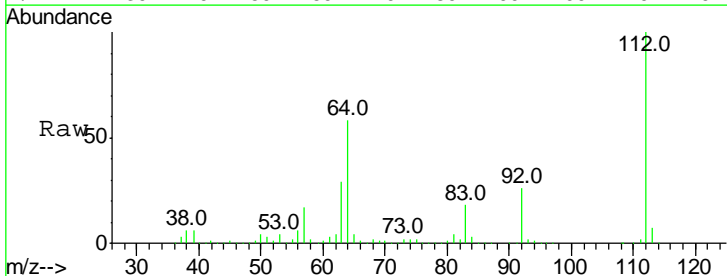
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DUP-01

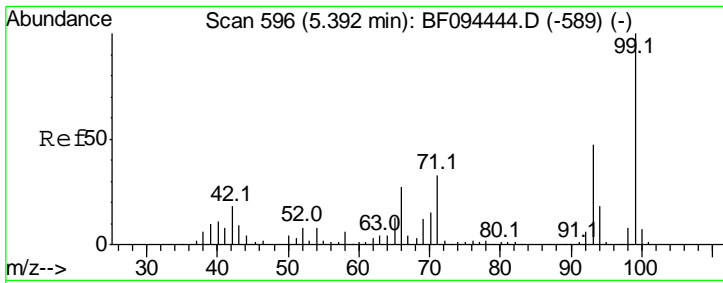
Tgt Ion	Resp	Lower	Upper
152	155875		
152	100		
150	161.3	126.2	189.2
115	63.6	52.2	78.2



#5  
 2-Fluorophenol  
 Concen: 109.97 ng  
 RT: 4.31 min Scan# 404  
 Delta R.T. 0.01 min  
 Lab File: BF094582.D  
 Acq: 24 Apr 2017 13:49

Tgt Ion	Resp	Lower	Upper
112	1033239		
112	100		
64	58.1	46.0	69.0
63	29.1	23.4	35.0



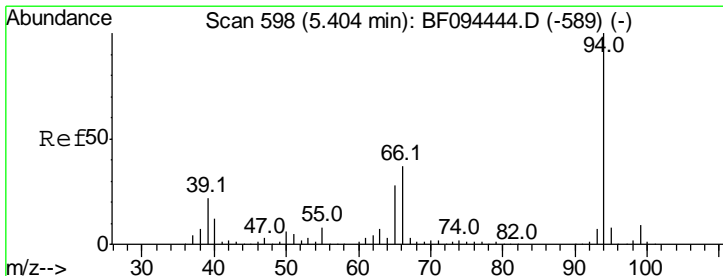
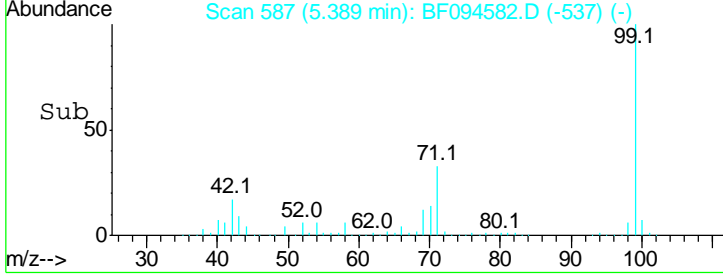
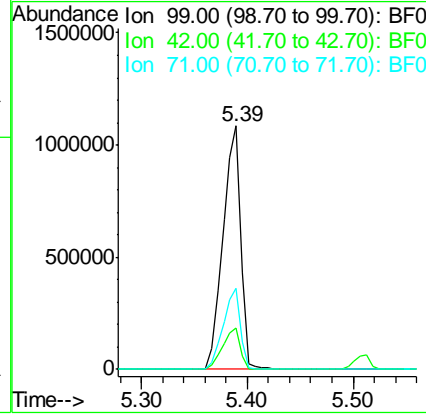
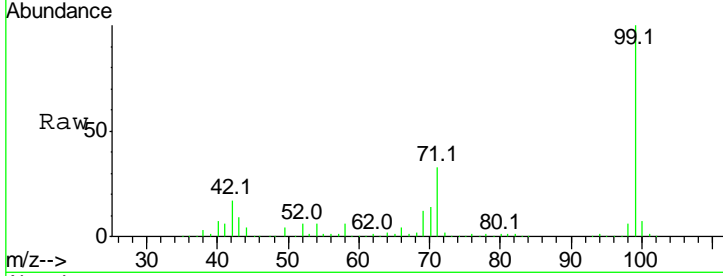


#7  
 Phenol-d6  
 Concen: 116.21 ng  
 RT: 5.39 min Scan# 587  
 Delta R.T. -0.00 min  
 Lab File: BF094582.D  
 Acq: 24 Apr 2017 13:49

Instrument :  
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 ClientSampled :  
 DUP-01

Tgt Ion: 99 Resp: 1287206

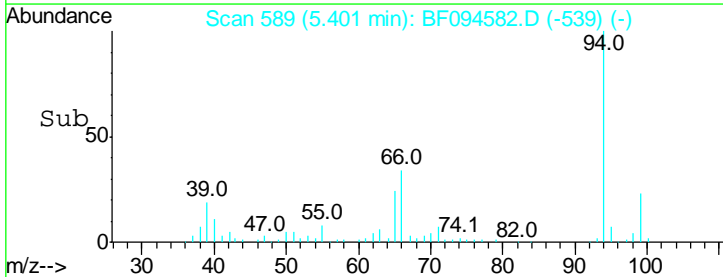
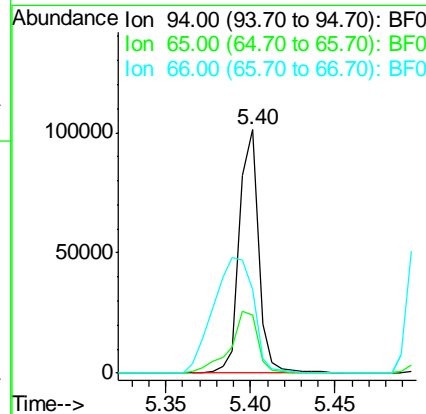
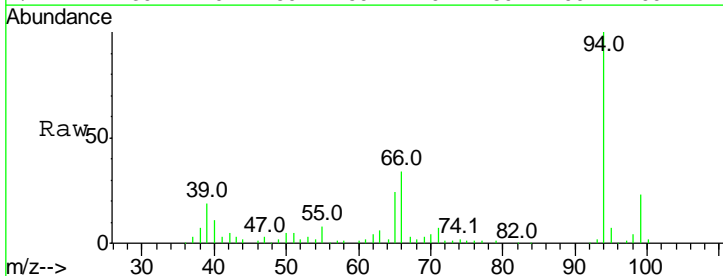
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	33.1	24.5	36.7

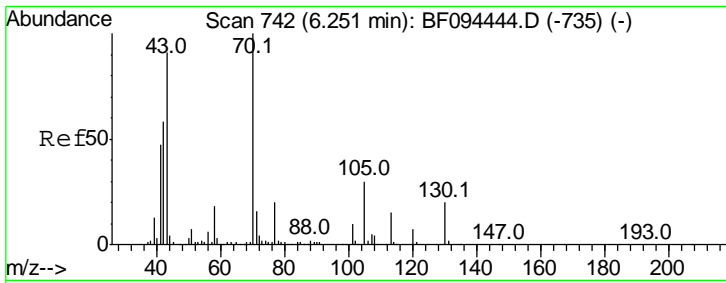


#10  
 Phenol  
 Concen: 5.85 ng  
 RT: 5.40 min Scan# 589  
 Delta R.T. -0.00 min  
 Lab File: BF094582.D  
 Acq: 24 Apr 2017 13:49

Tgt Ion: 94 Resp: 79664

Ion	Ratio	Lower	Upper
94	100		
65	24.0	9.9	49.9
66	34.4	23.1	63.1

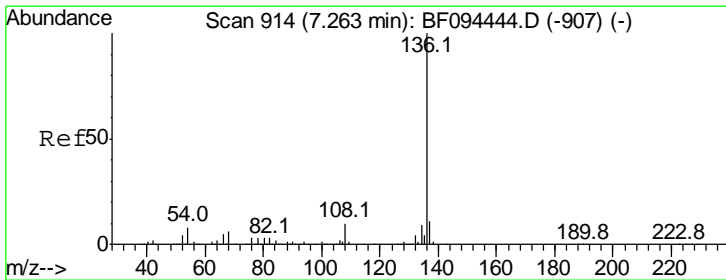
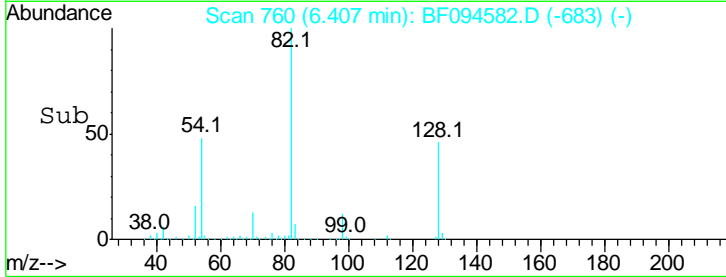
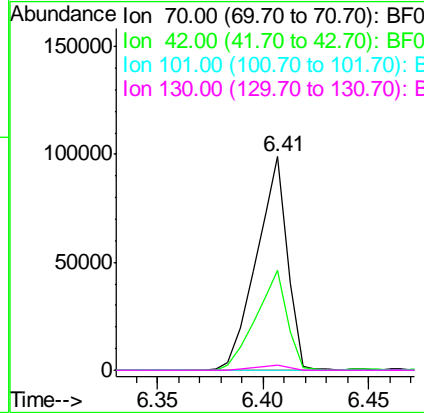
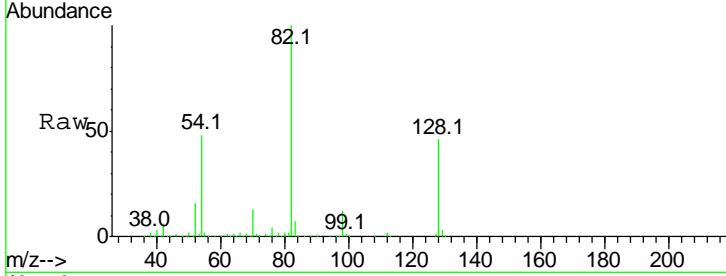




#19  
 n-Nitroso-di-n-propylamine  
 Concen: 13.68 ng  
 RT: 6.41 min Scan# 760  
 Delta R.T. 0.16 min  
 Lab File: BF094582.D  
 Acq: 24 Apr 2017 13:49

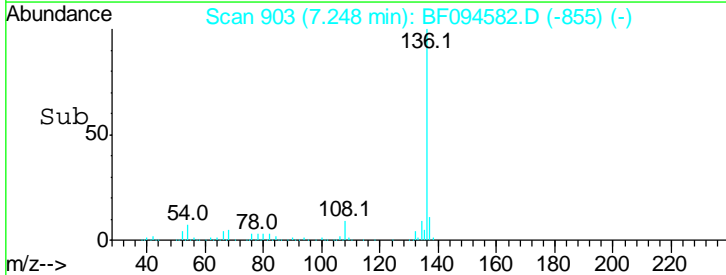
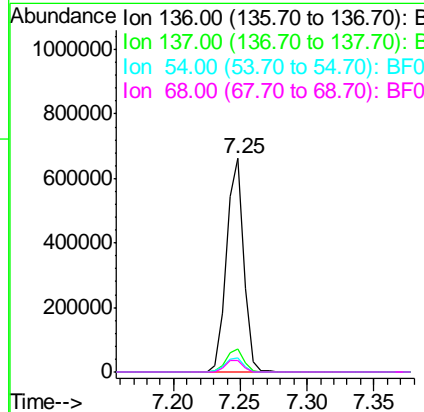
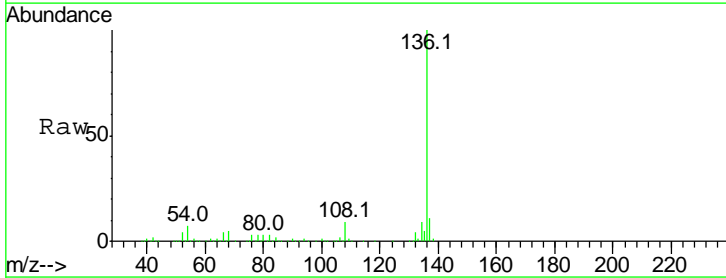
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DUP-01

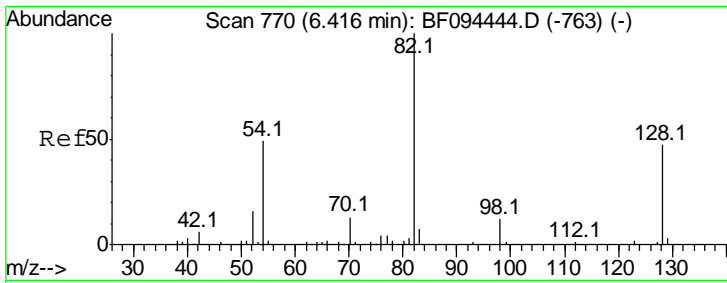
Tgt Ion	Resp	Lower	Upper
70	100		
42	47.0	47.2	70.8#
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#



#21  
 Naphthalene-d8  
 Concen: 20.00 ng  
 RT: 7.25 min Scan# 903  
 Delta R.T. -0.01 min  
 Lab File: BF094582.D  
 Acq: 24 Apr 2017 13:49

Tgt Ion	Resp	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.7	4.9	7.3
68	5.4	4.1	6.1

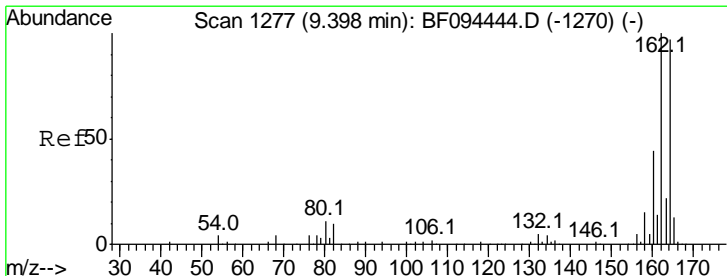
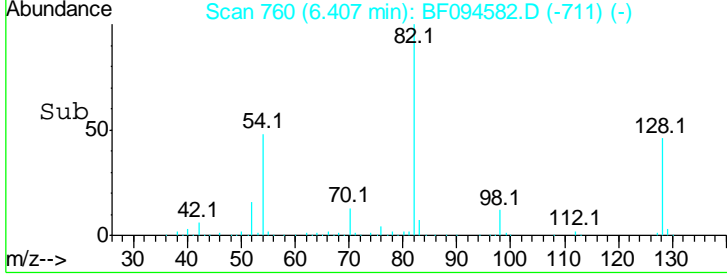
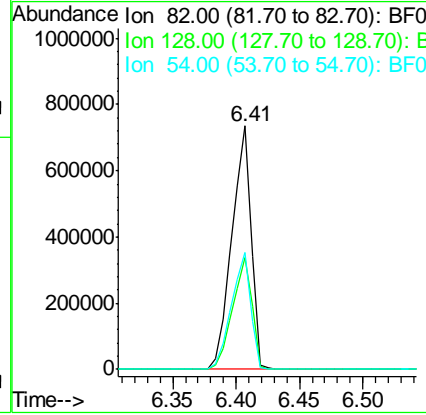
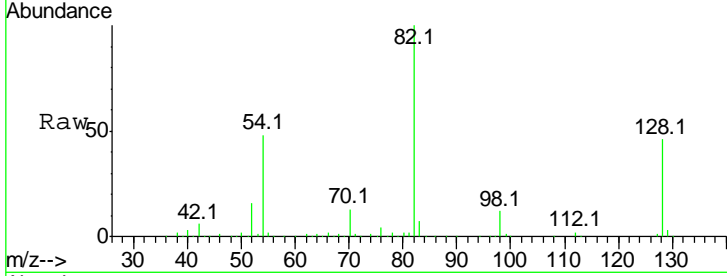




#23  
 Nitrobenzene-d5  
 Concen: 79.01 ng  
 RT: 6.41 min Scan# 760  
 Delta R.T. -0.01 min  
 Lab File: BF094582.D  
 Acq: 24 Apr 2017 13:49

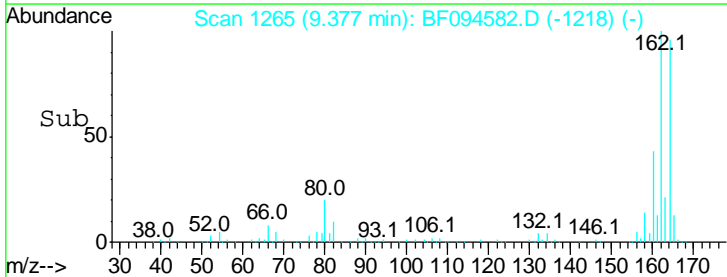
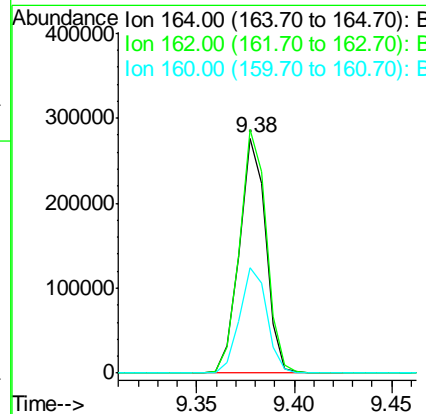
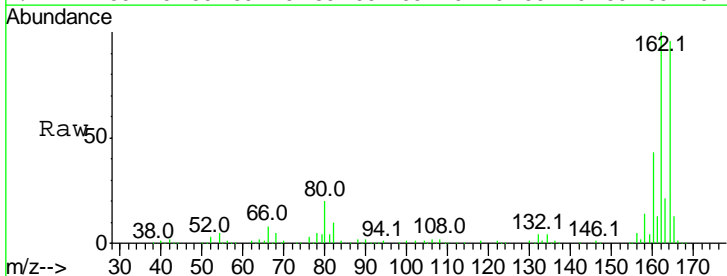
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DUP-01

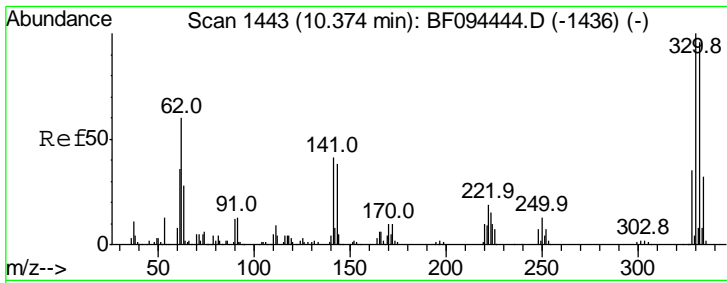
Tgt Ion	Resp	Lower	Upper
82	100		
128	45.8	34.0	51.0
54	47.9	42.2	63.2



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.38 min Scan# 1265  
 Delta R.T. -0.02 min  
 Lab File: BF094582.D  
 Acq: 24 Apr 2017 13:49

Tgt Ion	Resp	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	44.9	36.2	54.2

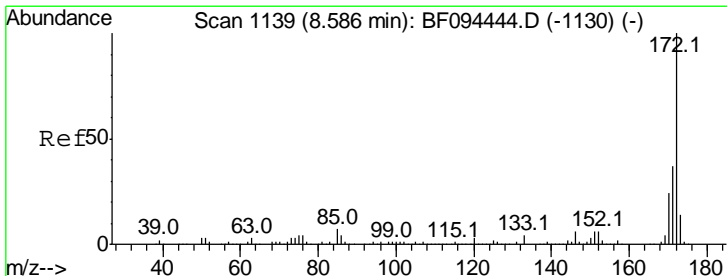
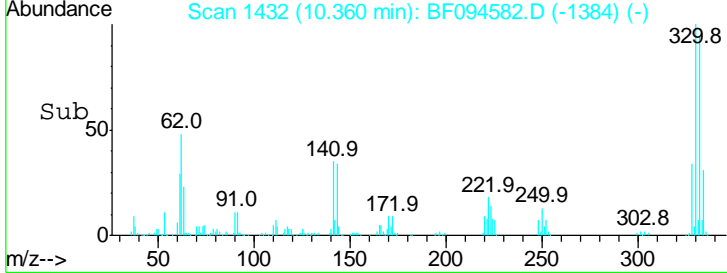
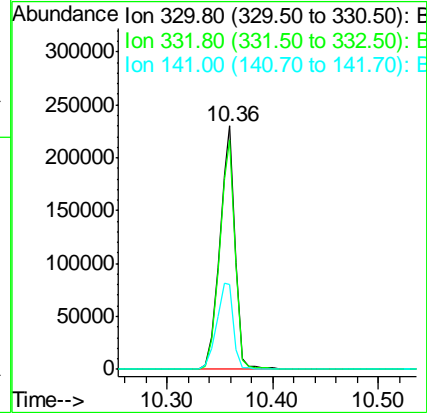
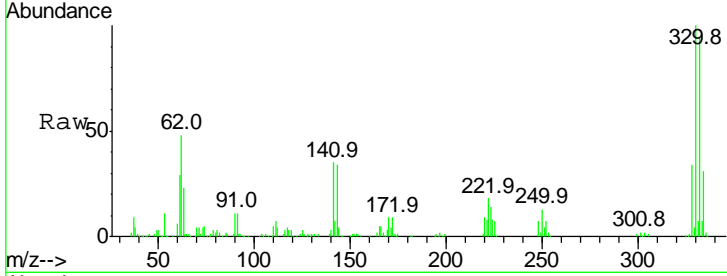




#41  
 2,4,6-Tribromophenol  
 Concen: 116.15 ng  
 RT: 10.36 min Scan# 1432  
 Delta R.T. -0.01 min  
 Lab File: BF094582.D  
 Acq: 24 Apr 2017 13:49

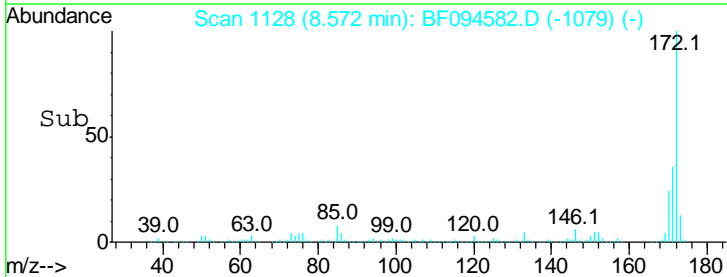
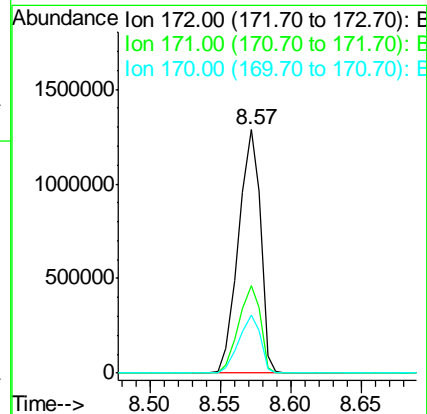
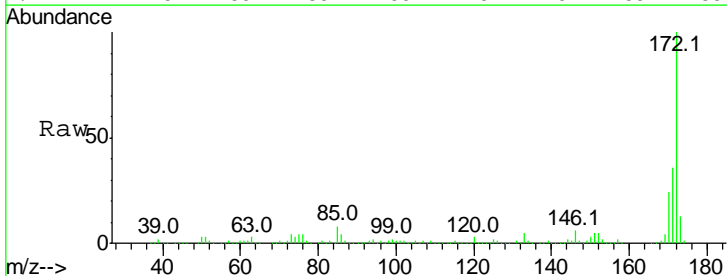
Instrument :  
 BNA\_F  
 ClientSampled :  
 DUP-01

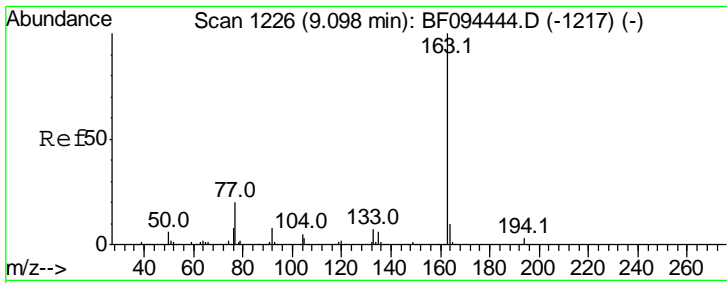
Tgt Ion	Resp	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	39.0	31.4	47.2



#44  
 2-Fluorobiphenyl  
 Concen: 79.01 ng  
 RT: 8.57 min Scan# 1128  
 Delta R.T. -0.01 min  
 Lab File: BF094582.D  
 Acq: 24 Apr 2017 13:49

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.1	19.8	29.8

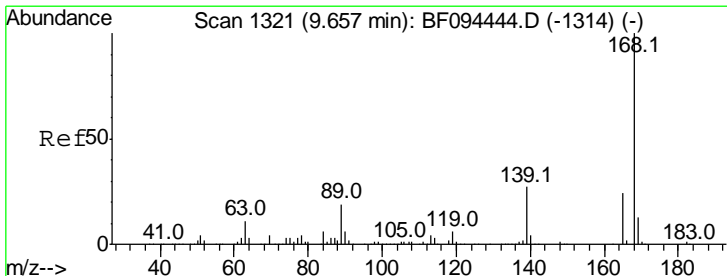
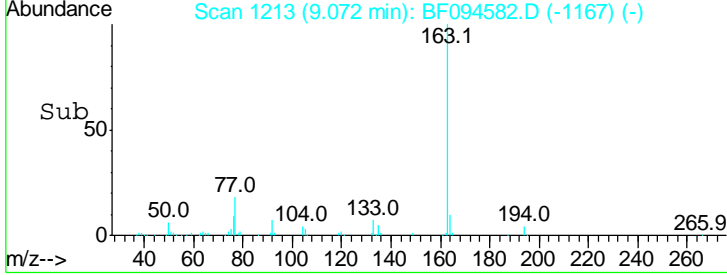
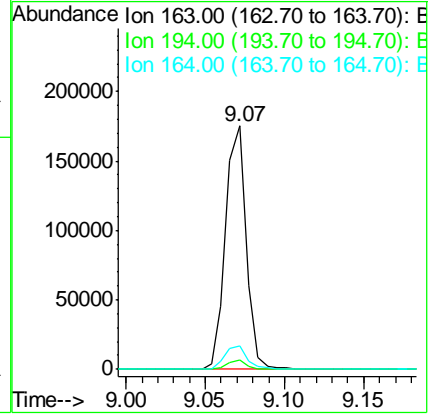
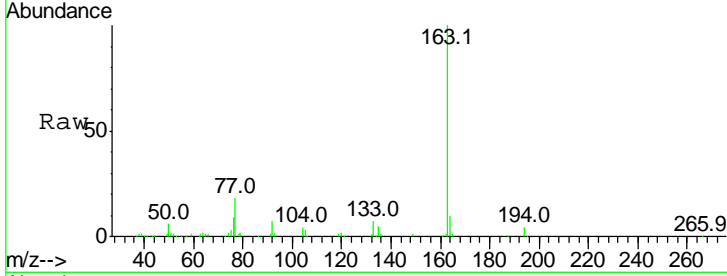




#49  
 Dimethylphthalate  
 Concen: 8.21 ng  
 RT: 9.07 min Scan# 1213  
 Delta R.T. -0.03 min  
 Lab File: BF094582.D  
 Acq: 24 Apr 2017 13:49

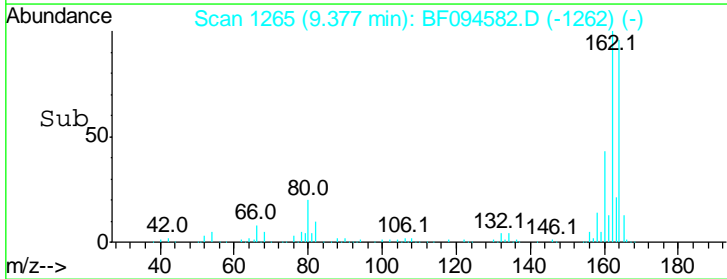
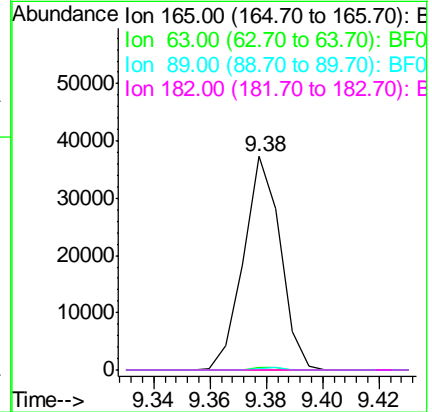
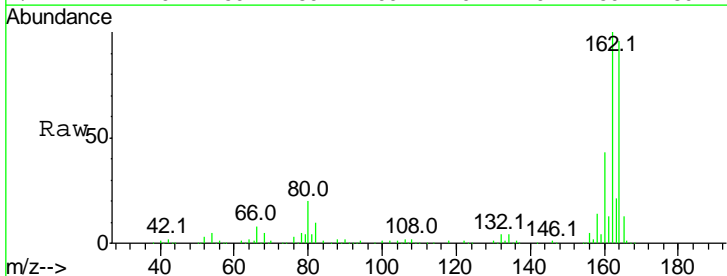
Instrument :  
 BNA\_F  
 ClientSampleID :  
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Tgt Ion	Resp	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	9.8	8.4	12.6

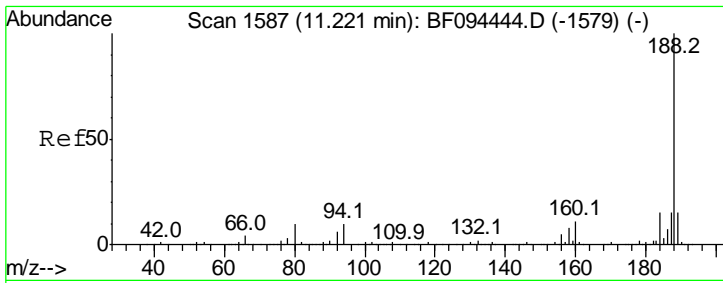


#56  
 2,4-Dinitrotoluene  
 Concen: 6.35 ng  
 RT: 9.38 min Scan# 1265  
 Delta R.T. -0.28 min  
 Lab File: BF094582.D  
 Acq: 24 Apr 2017 13:49

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	0.8	46.4	69.6#
182	0.0	1.8	2.6#



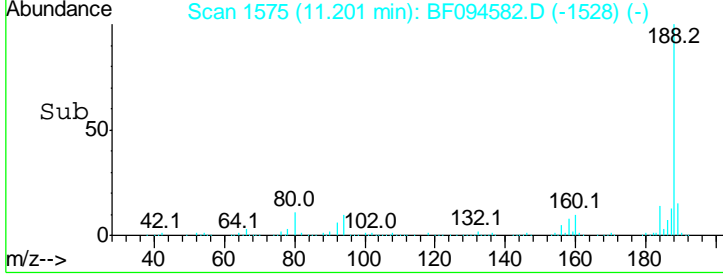
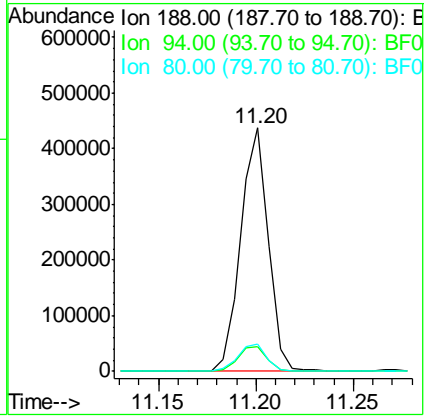
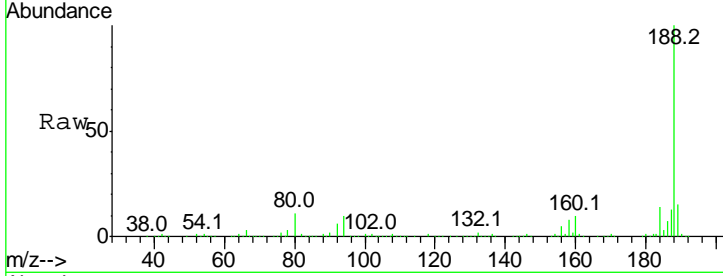




#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.20 min Scan# 1575  
 Delta R.T. -0.02 min  
 Lab File: BF094582.D  
 Acq: 24 Apr 2017 13:49

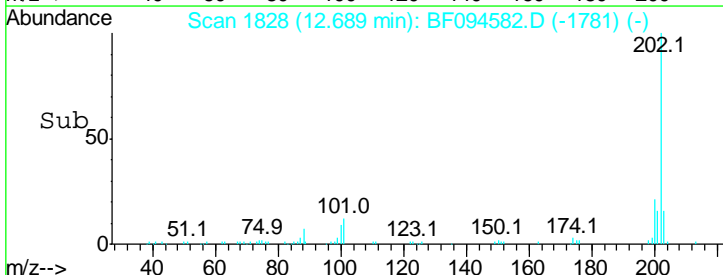
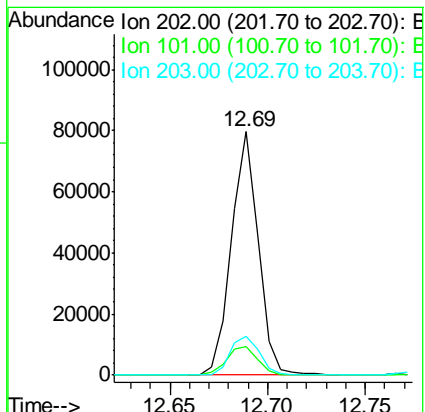
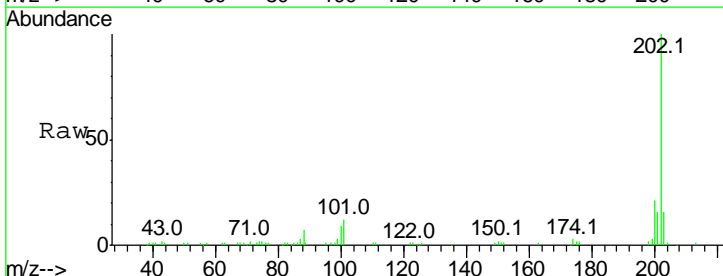
Instrument :  
 BNA\_F  
 ClientSampleId :  
 DUP-01

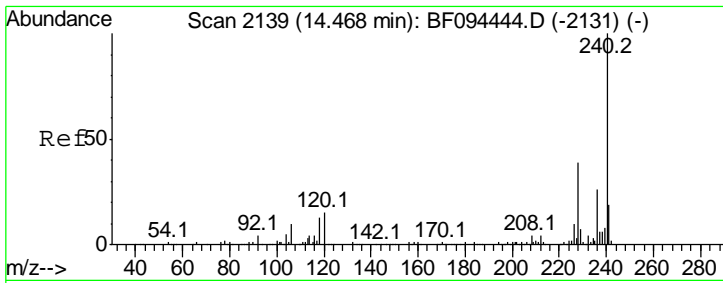
Tgt Ion	Resp	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	11.1	10.2	15.2



#74  
 Fluoranthene  
 Concen: 3.05 ng  
 RT: 12.69 min Scan# 1828  
 Delta R.T. -0.02 min  
 Lab File: BF094582.D  
 Acq: 24 Apr 2017 13:49

Tgt Ion	Resp	Lower	Upper
202	100		
101	11.8	0.0	33.2
203	16.1	0.0	38.1

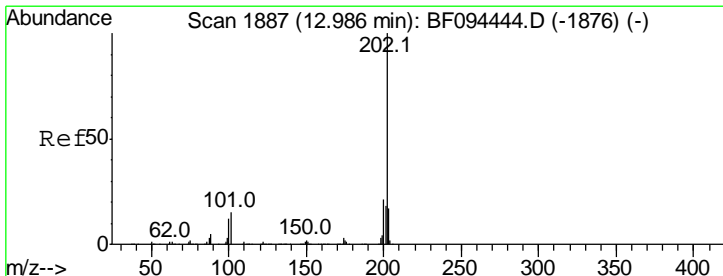
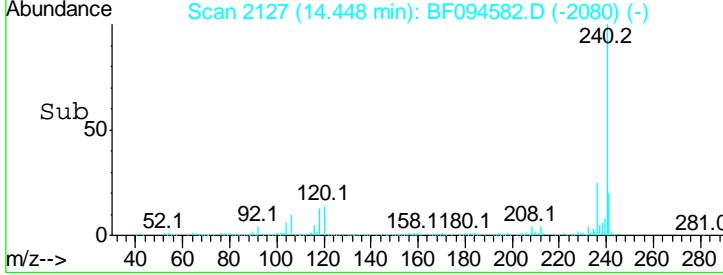
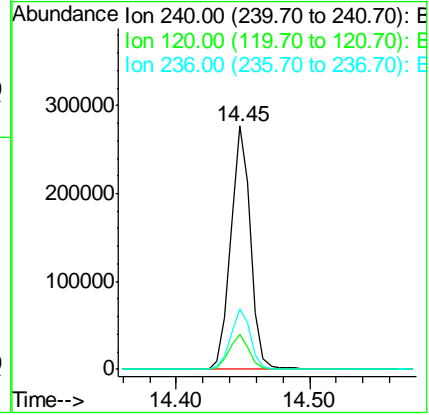
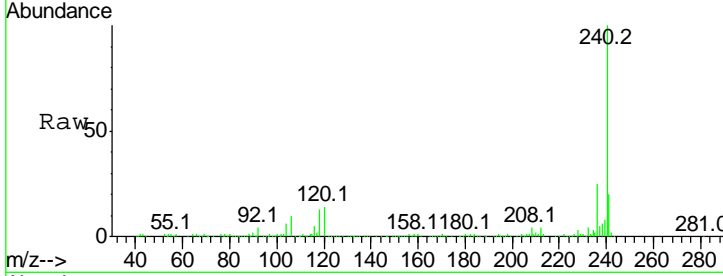




#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 14.45 min Scan# 2127  
 Delta R.T. -0.02 min  
 Lab File: BF094582.D  
 Acq: 24 Apr 2017 13:49

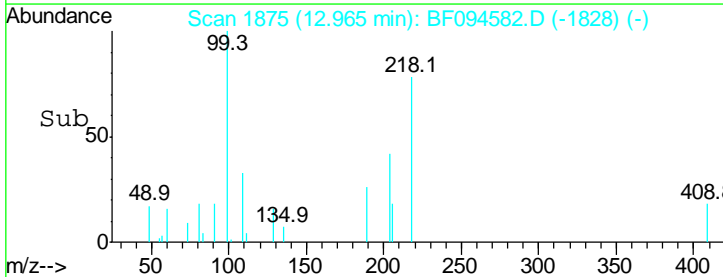
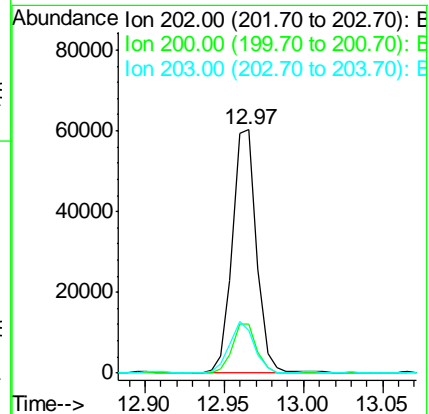
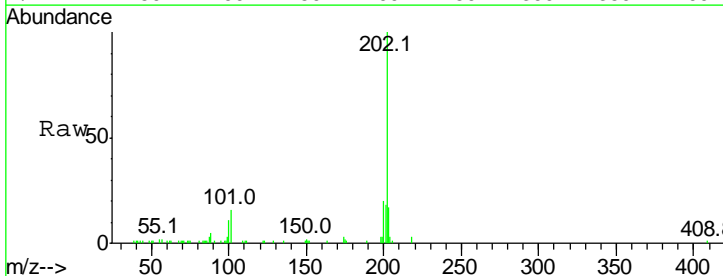
Instrument :  
 BNA\_F  
 ClientSampled :  
 DUP-01

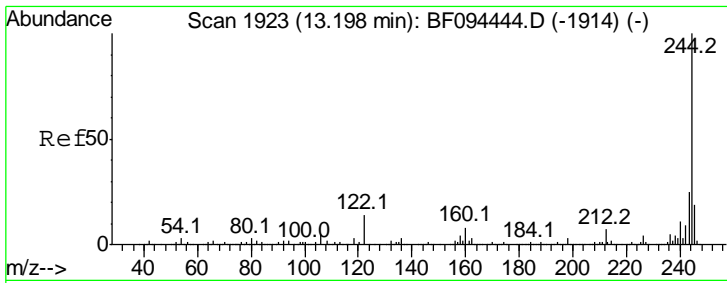
Tgt Ion	Resp	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	25.1	20.5	30.7



#77  
 Pyrene  
 Concen: 3.17 ng  
 RT: 12.97 min Scan# 1875  
 Delta R.T. -0.02 min  
 Lab File: BF094582.D  
 Acq: 24 Apr 2017 13:49

Tgt Ion	Resp	Lower	Upper
202	100		
200	20.1	17.6	26.4
203	17.5	14.4	21.6

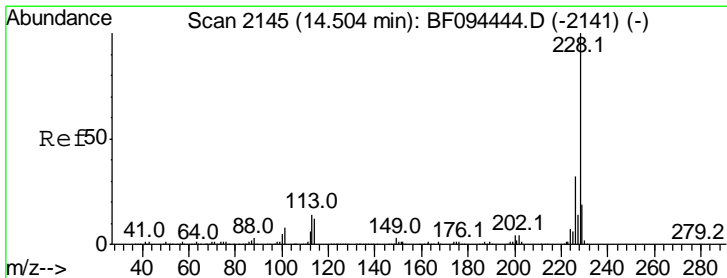
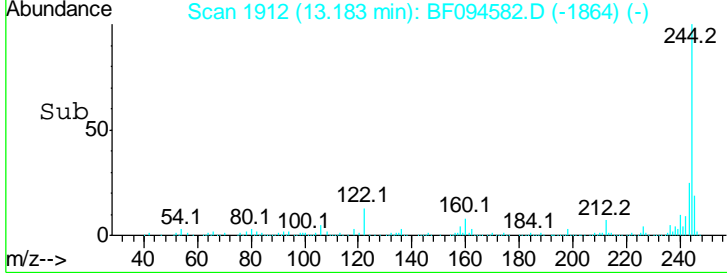
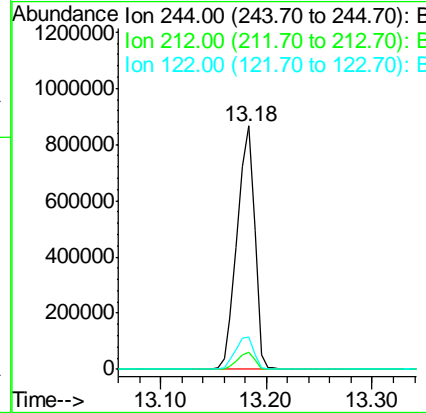
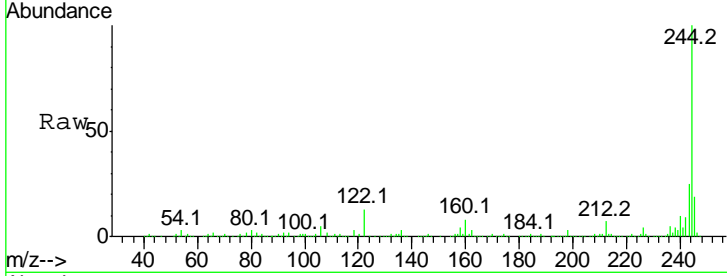




#78  
 Terphenyl-d14  
 Concen: 91.72 ng  
 RT: 13.18 min Scan# 1912  
 Delta R.T. -0.01 min  
 Lab File: BF094582.D  
 Acq: 24 Apr 2017 13:49

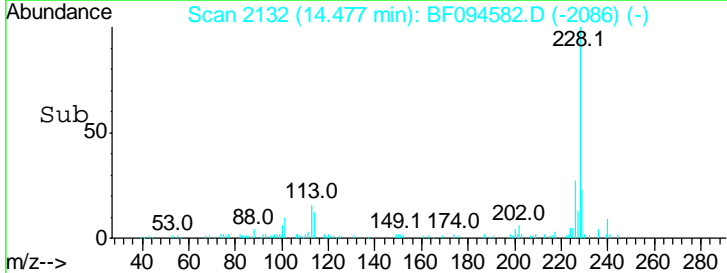
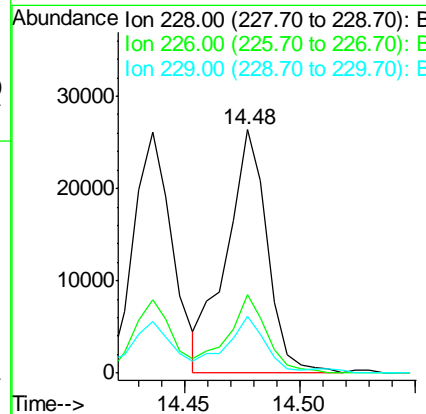
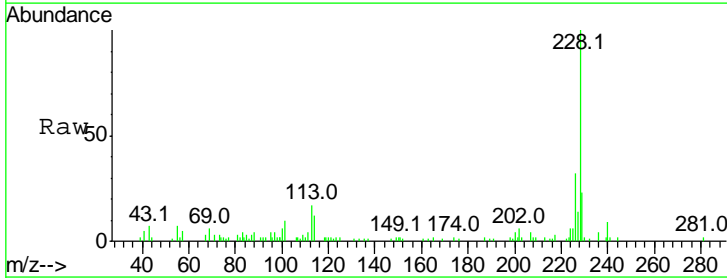
Instrument :  
 BNA\_F  
 ClientSampled :  
 DUP-01

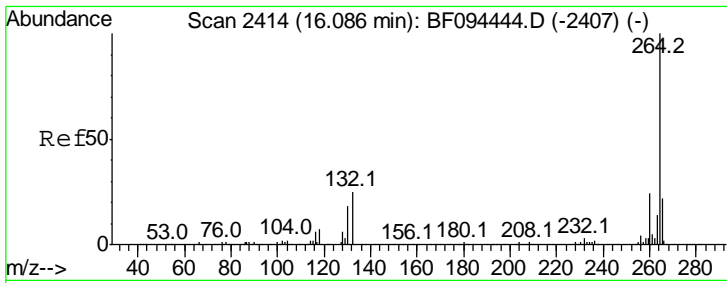
Tgt Ion	Resp	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.5	10.3	15.5



#82  
 Chrysene  
 Concen: 2.11 ng  
 RT: 14.48 min Scan# 2132  
 Delta R.T. -0.03 min  
 Lab File: BF094582.D  
 Acq: 24 Apr 2017 13:49

Tgt Ion	Resp	Lower	Upper
228	100		
226	32.4	24.9	37.3
229	23.1	15.8	23.6

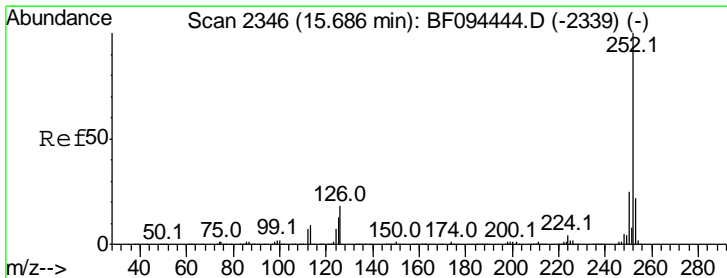
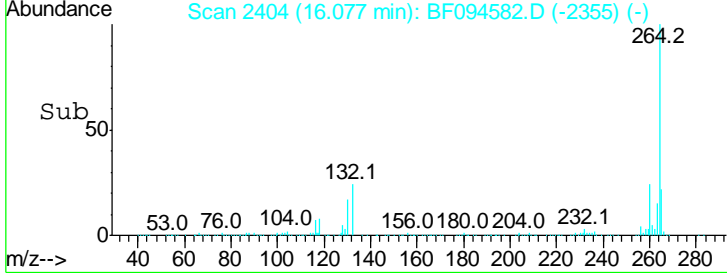
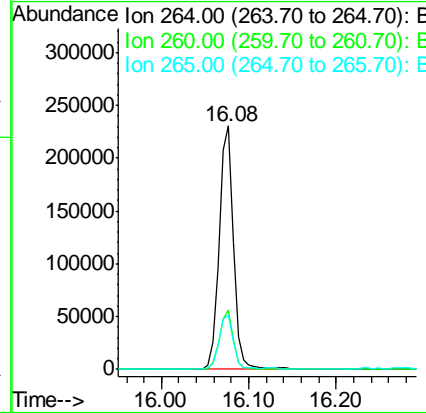
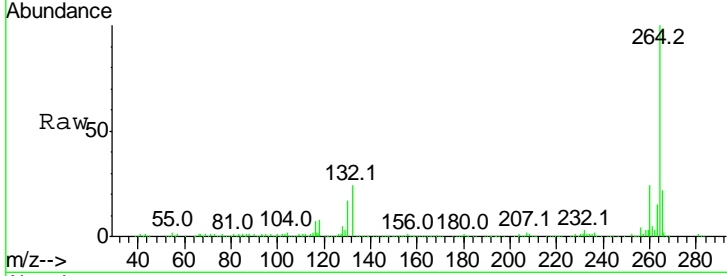




#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 16.08 min Scan# 2404  
 Delta R.T. -0.01 min  
 Lab File: BF094582.D  
 Acq: 24 Apr 2017 13:49

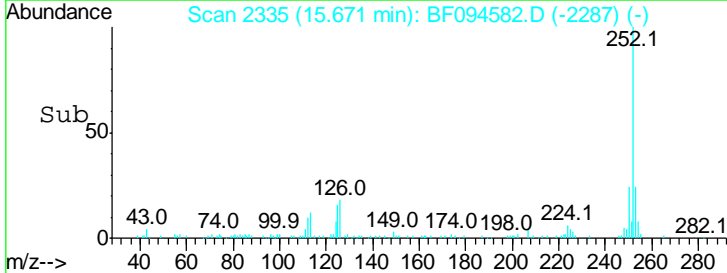
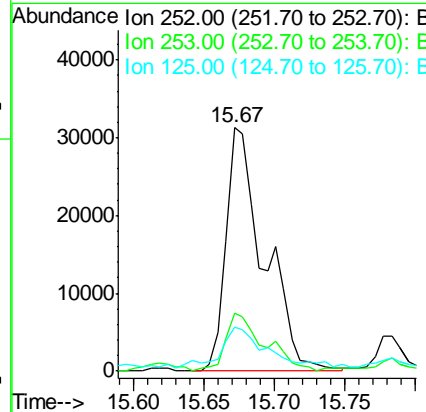
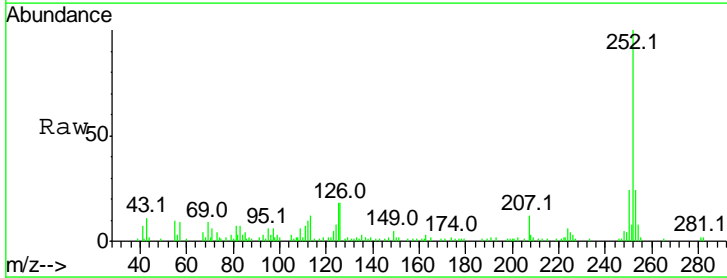
Instrument :  
 BNA\_F  
 ClientSampled :  
 DUP-01

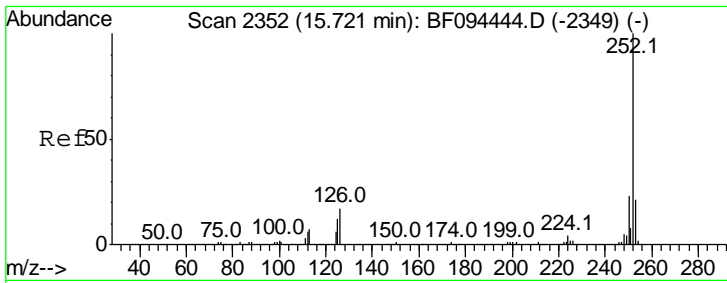
Tgt Ion	Resp	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.4	17.2	25.8



#87  
 Benzo(b)fluoranthene  
 Concen: 3.65 ng  
 RT: 15.67 min Scan# 2335  
 Delta R.T. -0.01 min  
 Lab File: BF094582.D  
 Acq: 24 Apr 2017 13:49

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	18.1	9.8	14.8#





#88  
 Benzo(k)fluoranthene  
 Concen: 3.86 ng  
 RT: 15.67 min Scan# 2335  
 Delta R.T. -0.05 min  
 Lab File: BF094582.D  
 Acq: 24 Apr 2017 13:49

Instrument :  
 BNA\_F  
 ClientSampleID :  
 DUP-01

Tot Ion	252	Resp	58981
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.4	27.6
125	18.1	13.1	19.7

