

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
 Data File : BF093720.D
 Acq On : 16 Mar 2017 21:41
 Operator : SJ/MA
 Sample : I2244-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

Quant Time: Mar 17 00:59:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	161761	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	634228	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	290967	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	477104	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	312803	20.00	ng	-0.02
86) Perylene-d12	15.26	264	315252	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1334766	137.33	ng	-0.02
7) Phenol-d6	6.36	99	1450969	118.39	ng	-0.02
23) Nitrobenzene-d5	7.27	82	870943	76.19	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	248136	130.89	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1269256	81.14	ng	-0.02
78) Terphenyl-d14	12.80	244	905829	75.29	ng	-0.02

Target Compounds

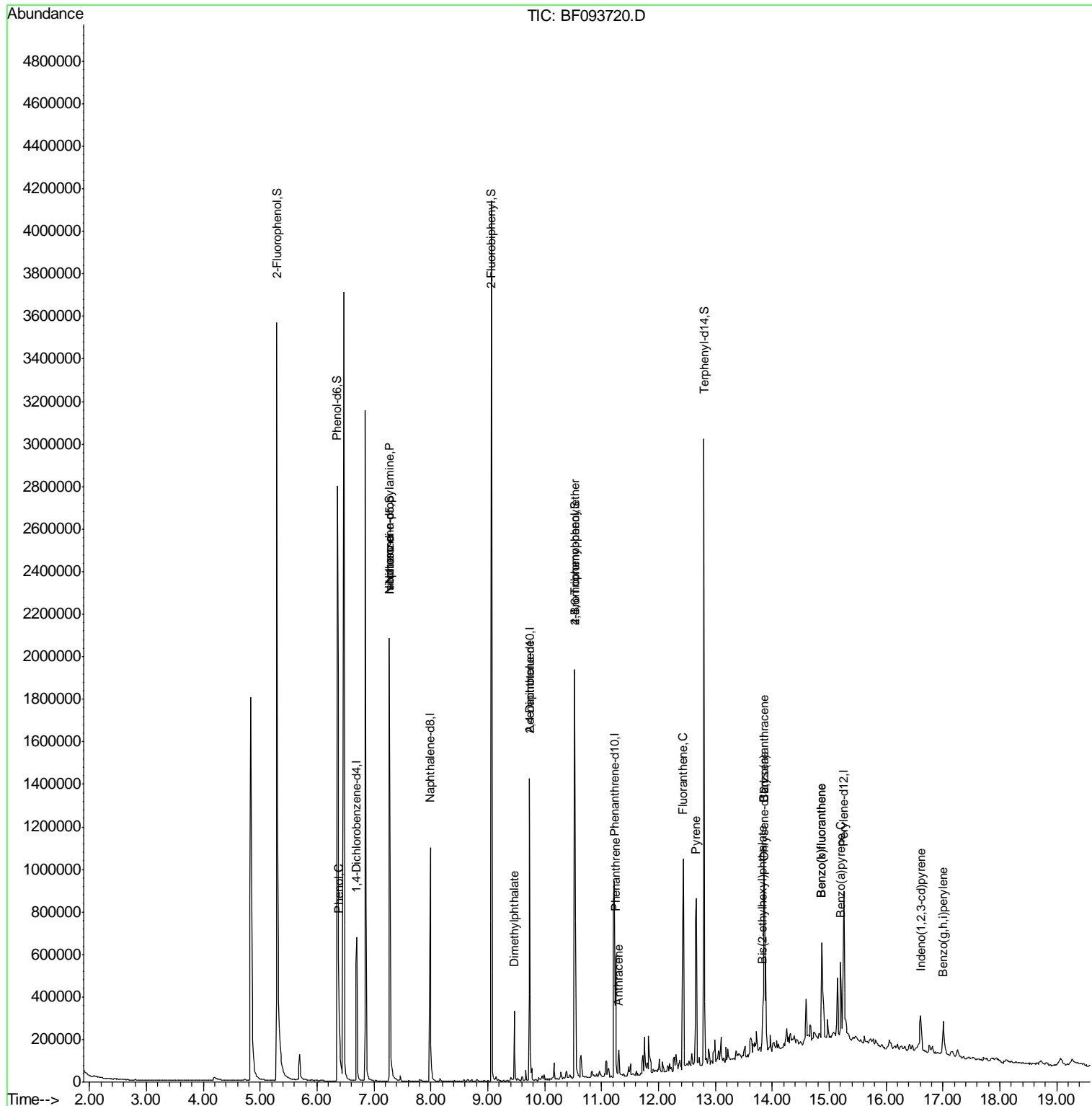
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.37	77	3043	Below Cal		# 11
10) Phenol	6.38	94	104582	6.96	ng	77
19) n-Nitroso-di-n-propylamine	7.27	70	113447	13.46	ng	# 82
25) Isophorone	7.27	82	858853	37.26	ng	# 65
49) Dimethylphthalate	9.46	163	154730	8.02	ng	# 99
56) 2,4-Dinitrotoluene	9.74	165	36668	7.05	ng	# 20
66) 4-Bromophenyl-phenylether	10.53	248	17402	3.45	ng	# 1
70) Phenanthrene	11.25	178	270235	9.92	ng	97
71) Anthracene	11.30	178	60488	2.20	ng	98
74) Fluoranthene	12.44	202	494780	18.81	ng	93
77) Pyrene	12.66	202	459351	20.19	ng	98
80) Benzo(a)anthracene	13.85	228	238229	12.90	ng	99
82) Chrysene	13.85	228	238229	13.94	ng	95
83) Bis(2-ethylhexyl)phthalate	13.83	149	53917	4.04	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.61	276	121584	8.50	ng	99
87) Benzo(b)fluoranthene	14.87	252	309670	16.13	ng	# 97
88) Benzo(k)fluoranthene	14.87	252	309670	16.72	ng	# 96
89) Benzo(a)pyrene	15.20	252	180416	10.28	ng	# 97
91) Benzo(a,h,i)perylene	17.01	276	123209	8.27	ng	# 90

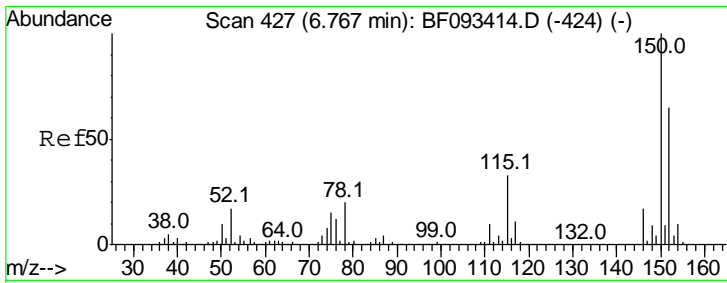
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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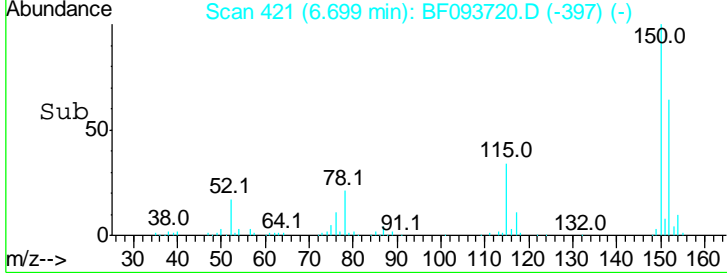
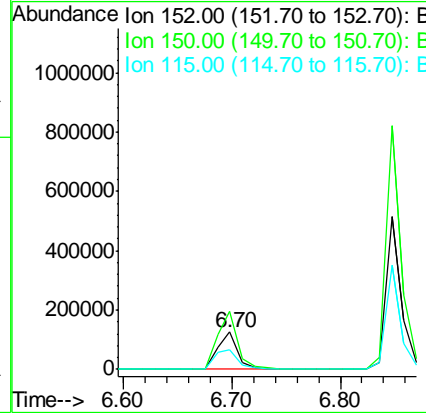
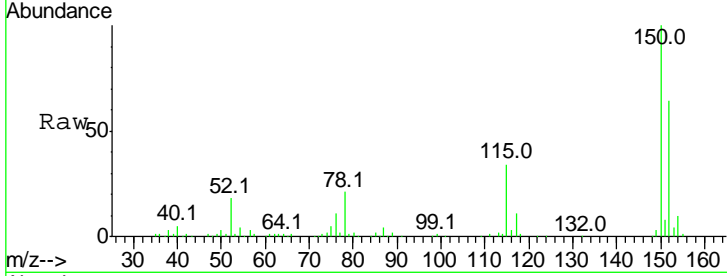




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

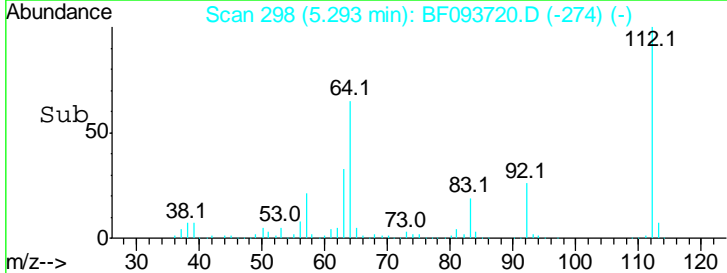
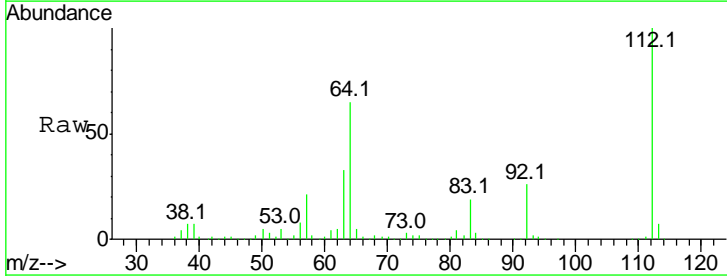
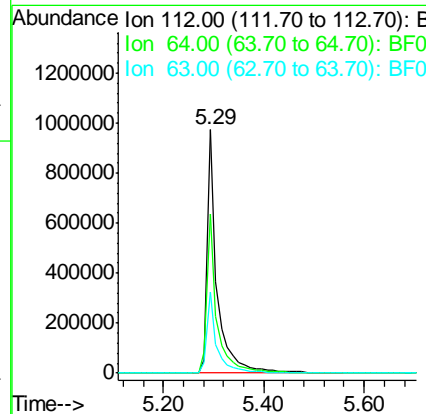
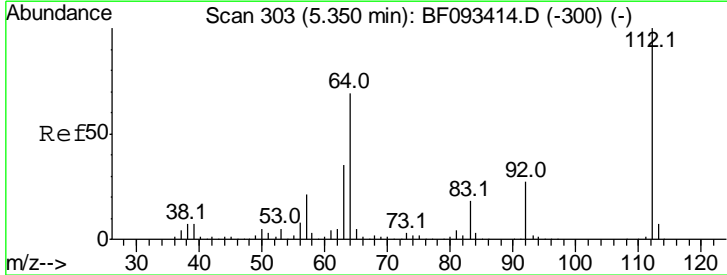
Instrument :
 BNA_F
 ClientSampled :
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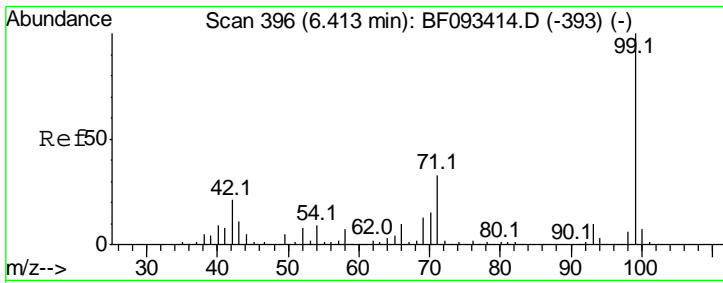
Tgt Ion	Resp	Lower	Upper
152	161761		
152	100		
150	156.8	124.9	187.3
115	52.6	46.0	69.0



#5
 2-Fluorophenol
 Concen: 137.33 ng
 RT: 5.29 min Scan# 298
 Delta R.T. -0.02 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

Tgt Ion	Resp	Lower	Upper
112	1334766		
112	100		
64	65.3	46.1	69.1
63	33.2	23.8	35.6



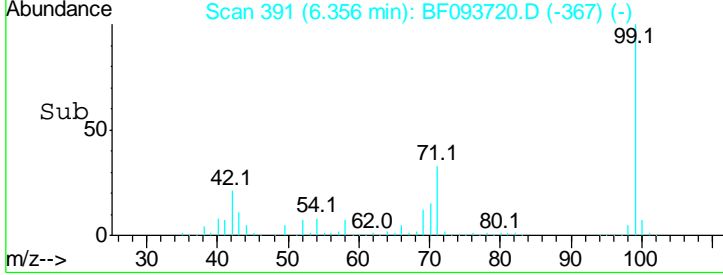
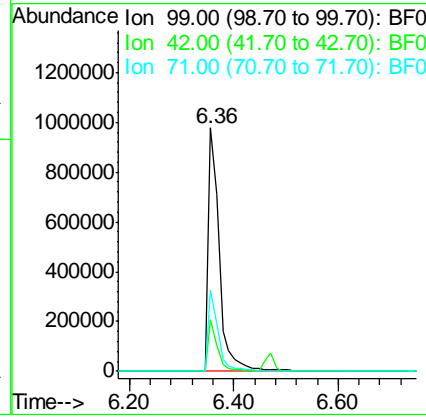
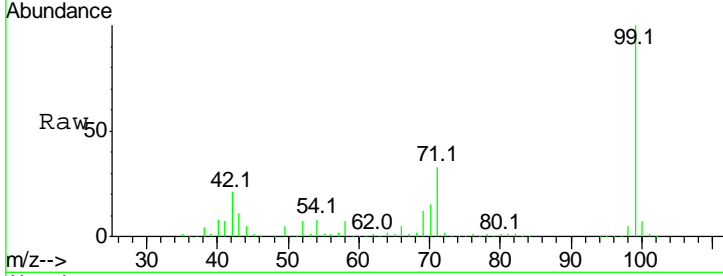


#7
 Phenol-d6
 Concen: 118.39 ng
 RT: 6.36 min Scan# 391
 Delta R.T. -0.02 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

Instrument :
 BNA_F
ClientSampled :
 TEC-COMP

Tgt Ion: 99 Resp: 1450969

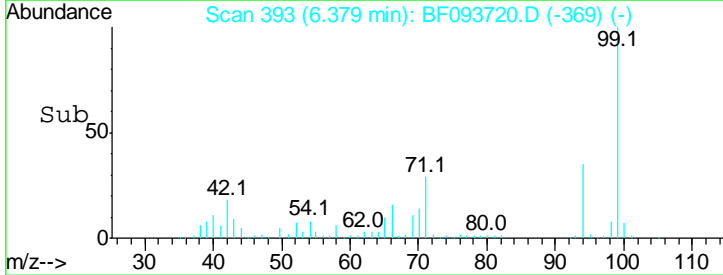
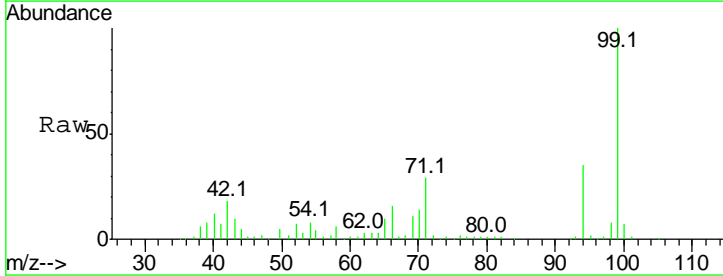
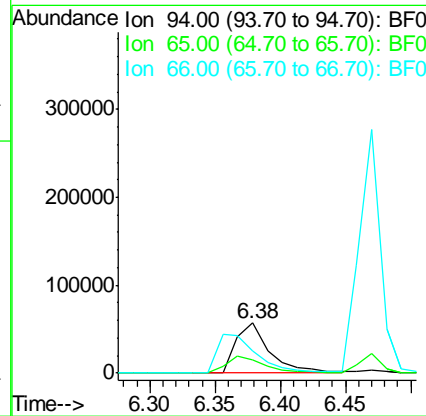
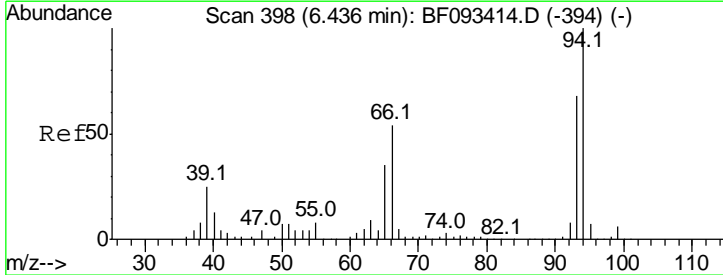
Ion	Ratio	Lower	Upper
99	100		
42	21.1	15.6	23.4
71	33.4	27.5	41.3

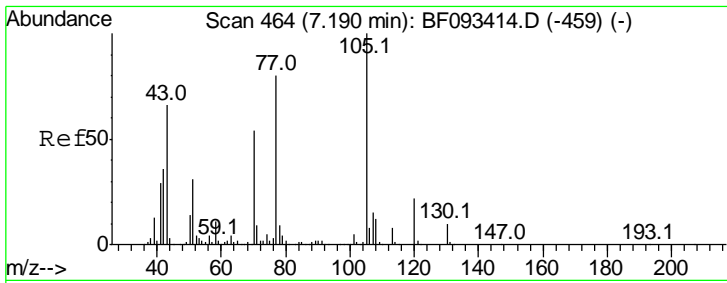


#10
 Phenol
 Concen: 6.96 ng
 RT: 6.38 min Scan# 393
 Delta R.T. -0.02 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

Tgt Ion: 94 Resp: 104582

Ion	Ratio	Lower	Upper
94	100		
65	27.3	21.4	61.4
66	45.8	44.0	84.0

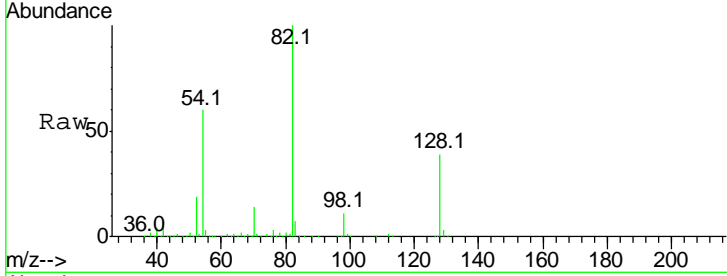




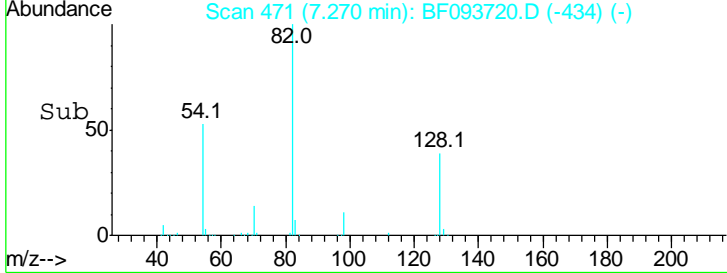
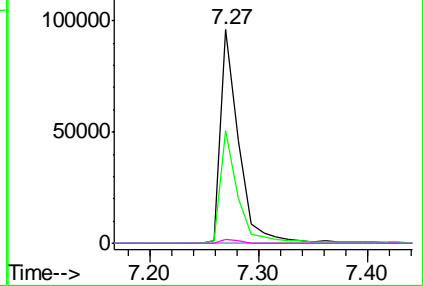
#19
 n-Nitroso-di-n-propylamine
 Concen: 13.46 ng
 RT: 7.27 min Scan# 471
 Delta R.T. 0.13 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

Instrument :
 BNA_F
ClientSampled :
 TEC-COMP

Tgt Ion	Resp	Lower	Upper
70	113447		
70	100		
42	52.8	49.4	74.0
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#



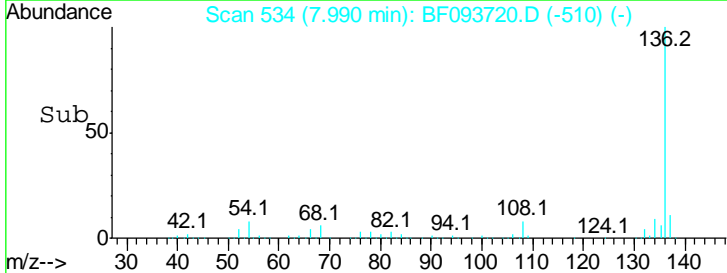
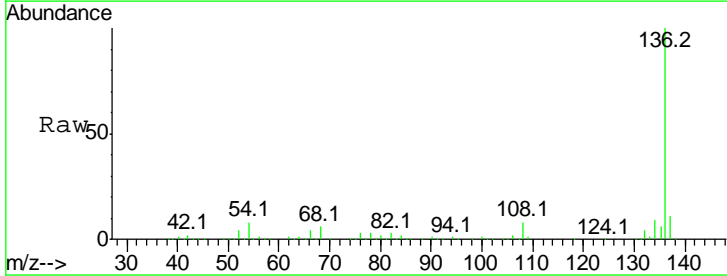
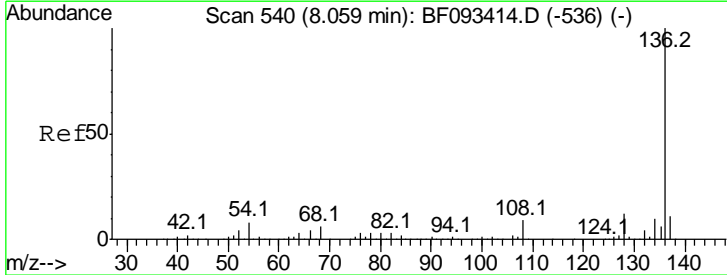
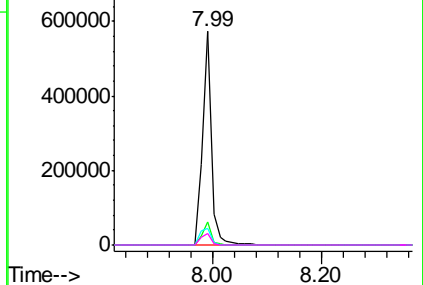
Abundance Ion 70.00 (69.70 to 70.70): BF0
 Ion 42.00 (41.70 to 42.70): BF0
 Ion 101.00 (100.70 to 101.70): E
 Ion 130.00 (129.70 to 130.70): E

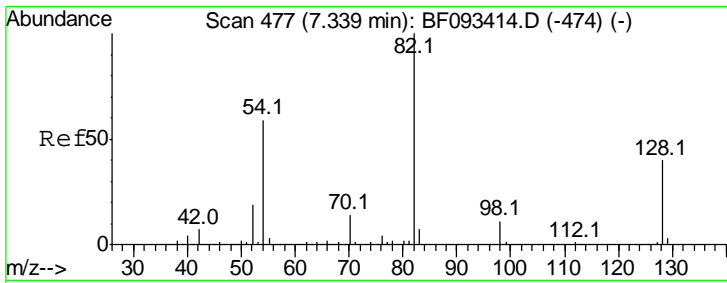


#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.99 min Scan# 534
 Delta R.T. -0.02 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

Tgt Ion	Resp	Lower	Upper
136	634228		
136	100		
137	11.0	8.4	12.6
54	7.7	4.5	6.7#
68	5.6	3.6	5.4#

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): BF0
 Ion 68.00 (67.70 to 68.70): BF0

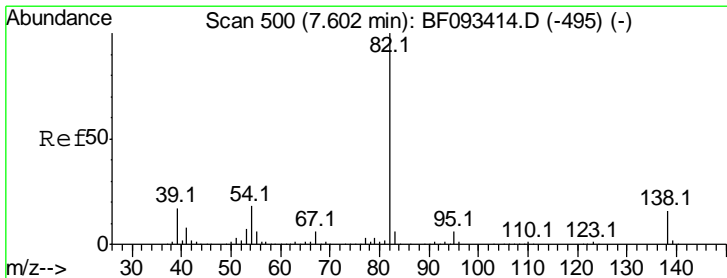
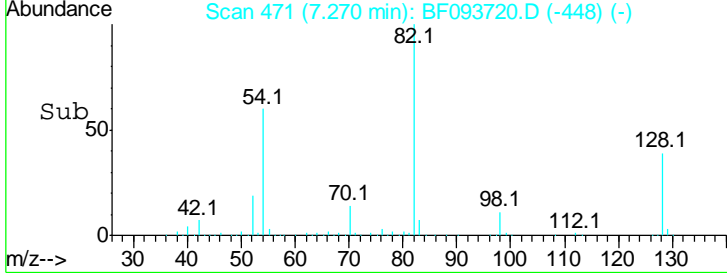
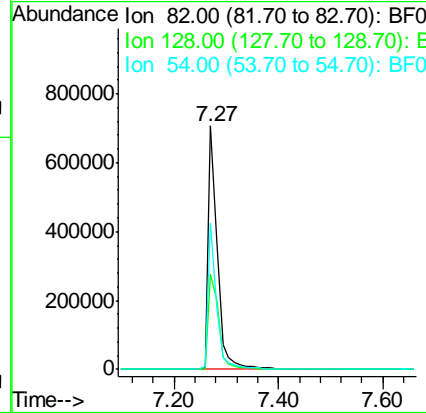
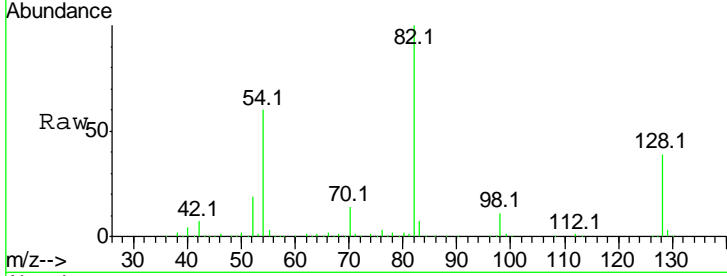




#23
 Nitrobenzene-d5
 Concen: 76.19 ng
 RT: 7.27 min Scan# 471
 Delta R.T. -0.03 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

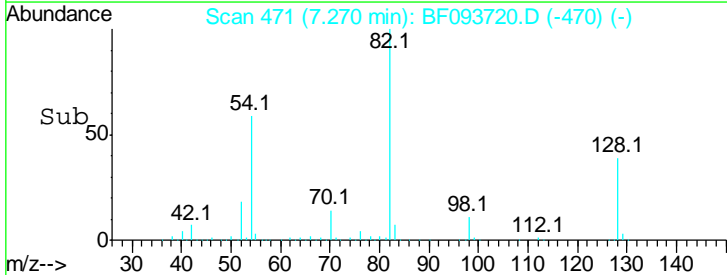
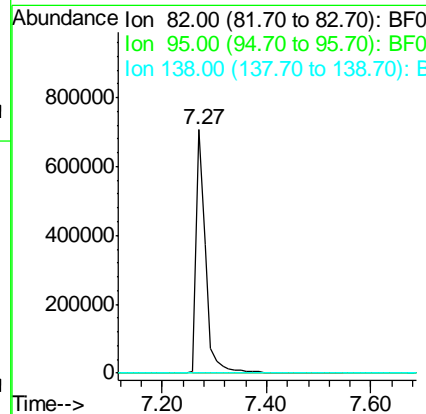
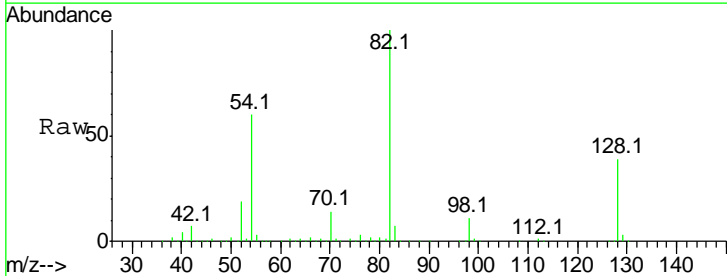
Instrument :
 BNA_F
ClientSampled :
 TEC-COMP

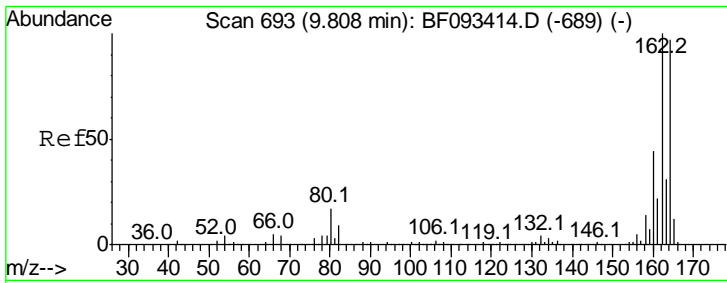
Tgt Ion	Resp	Lower	Upper
82	100		
128	39.2	34.6	52.0
54	59.8	39.5	59.3#



#25
 Isophorone
 Concen: 37.26 ng
 RT: 7.27 min Scan# 471
 Delta R.T. -0.29 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

Tgt Ion	Resp	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



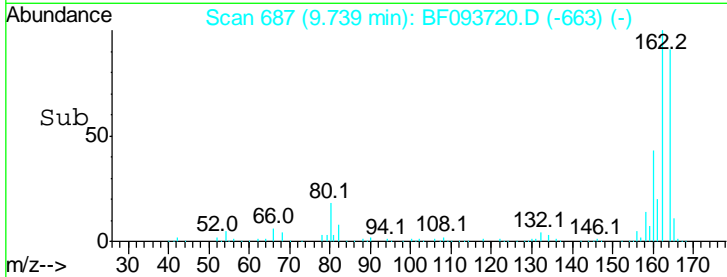
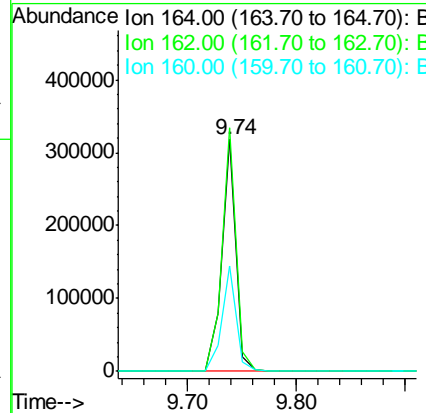
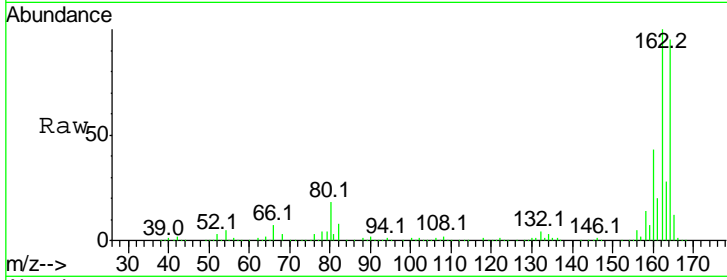


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

Tgt Ion:164 Resp: 290967

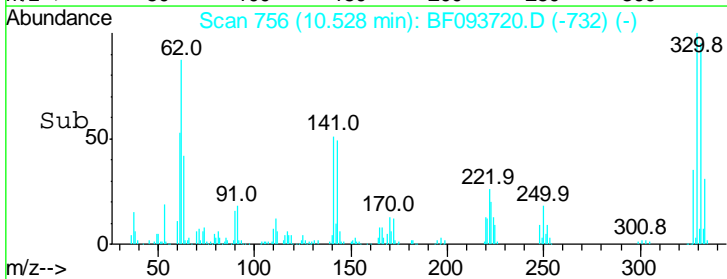
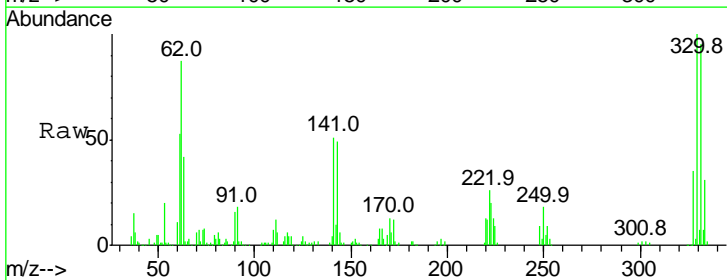
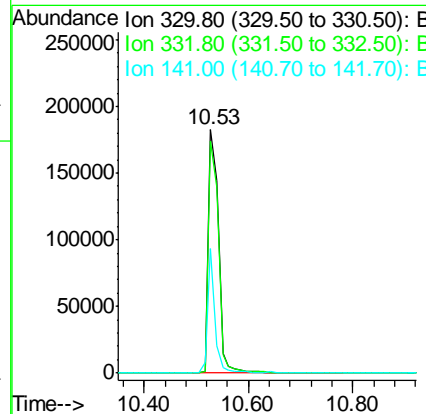
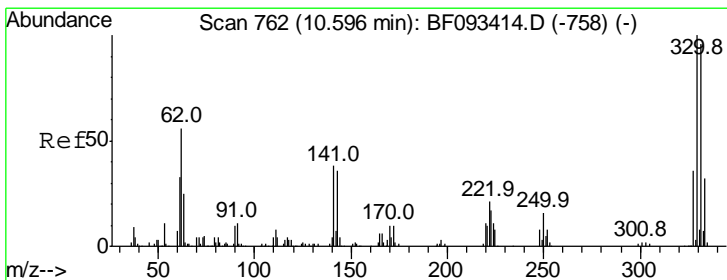
Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.2	120.2
160	45.4	36.9	55.3

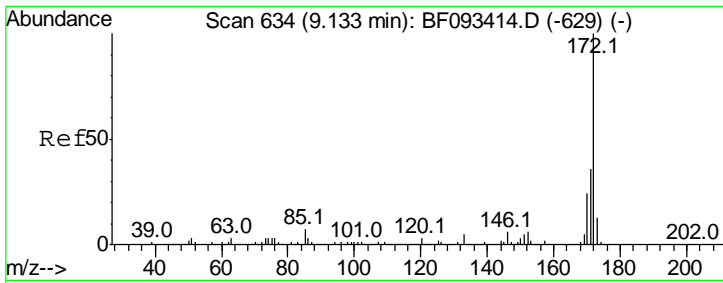


#41
 2,4,6-Tribromophenol
 Concen: 130.89 ng
 RT: 10.53 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

Tgt Ion:330 Resp: 248136

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.2
141	36.4	34.1	51.1



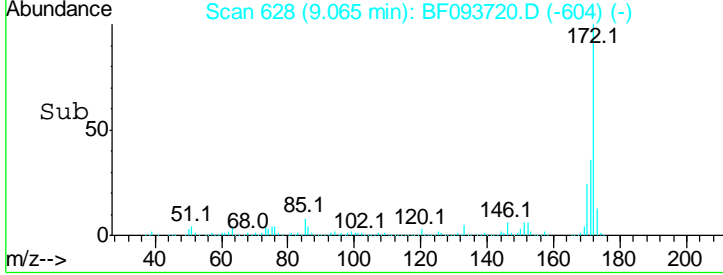
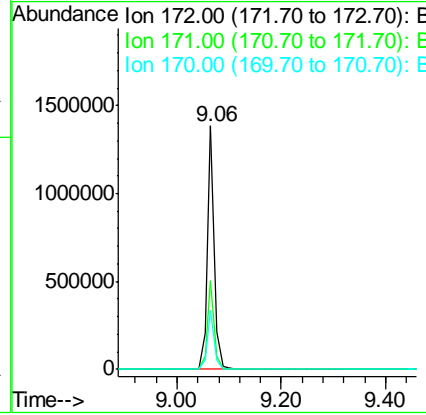
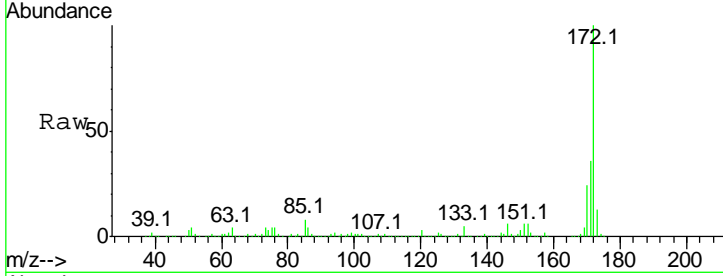


#44
 2-Fluorobiphenyl
 Concen: 81.14 ng
 RT: 9.06 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

Instrument :
 BNA_F
 ClientSampled :
 TEC-COMP

Tgt Ion:172 Resp: 1269256

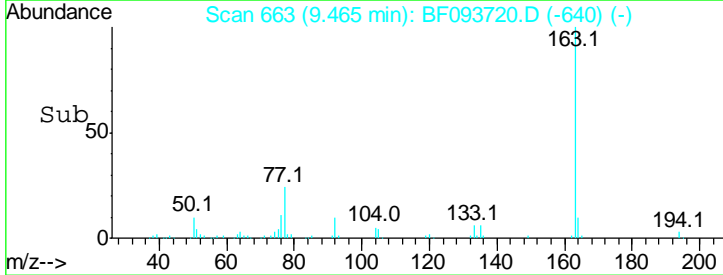
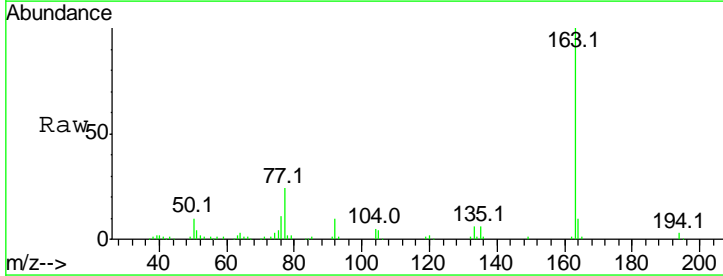
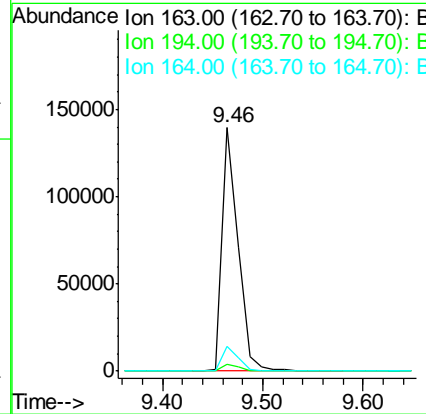
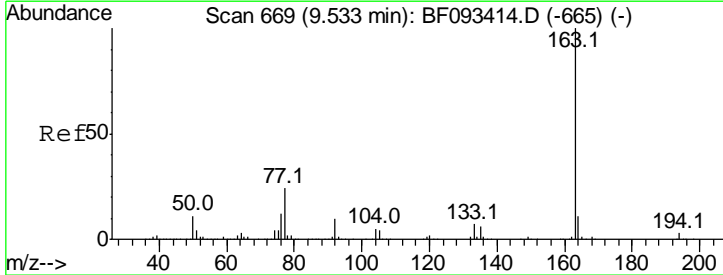
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.4	20.2	30.4

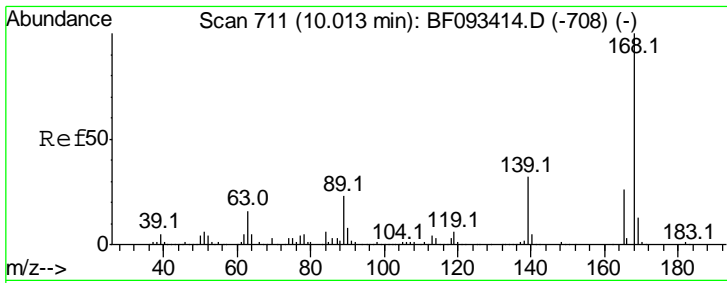


#49
 Dimethylphthalate
 Concen: 8.02 ng
 RT: 9.46 min Scan# 663
 Delta R.T. -0.03 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

Tgt Ion:163 Resp: 154730

Ion	Ratio	Lower	Upper
163	100		
194	2.9	3.0	4.4#
164	10.3	8.0	12.0

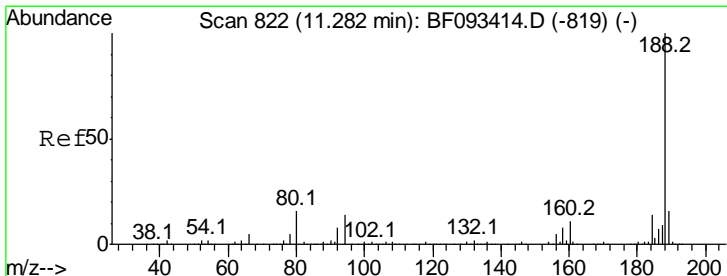
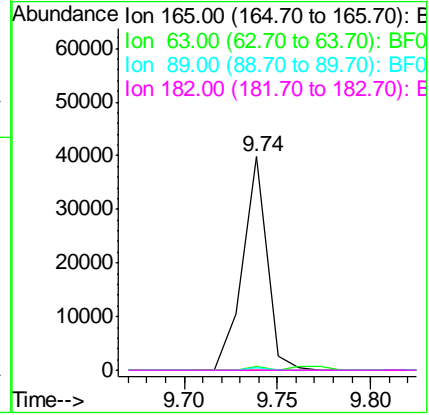
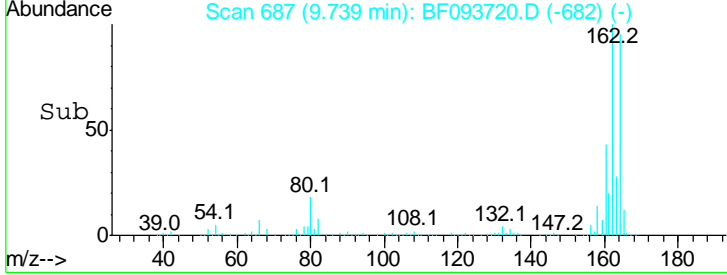
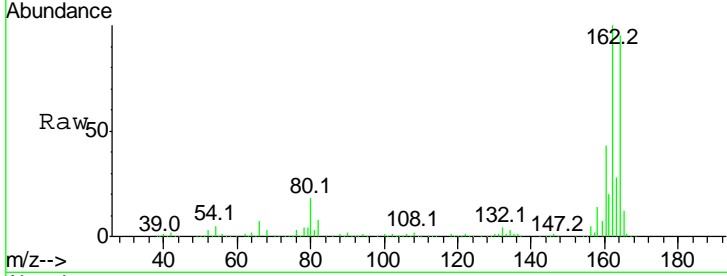




#56
 2,4-Dinitrotoluene
 Concen: 7.05 ng
 RT: 9.74 min Scan# 687
 Delta R.T. -0.24 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

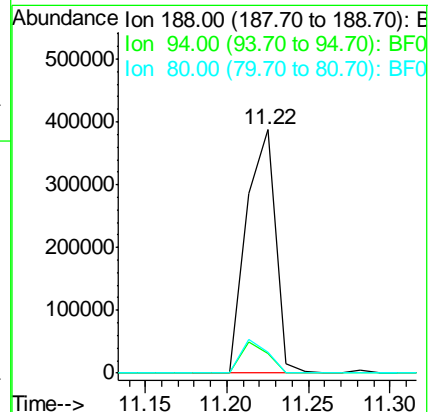
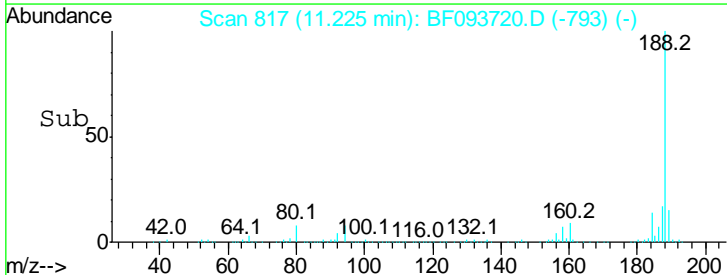
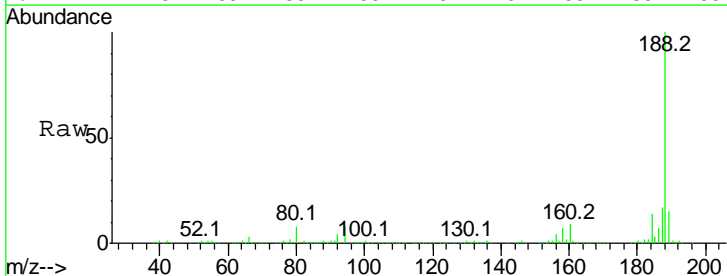
Instrument :
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 ClientSampleId :
 TEC-COMP

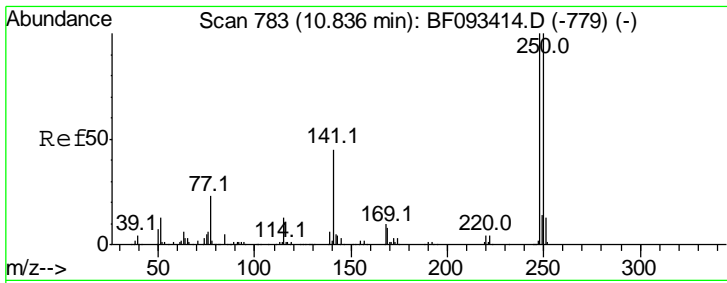
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.6	40.2	60.4#
89	1.2	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

Tgt Ion	Resp	Lower	Upper
188	100		
94	7.9	10.0	15.0#
80	8.4	11.2	16.8#

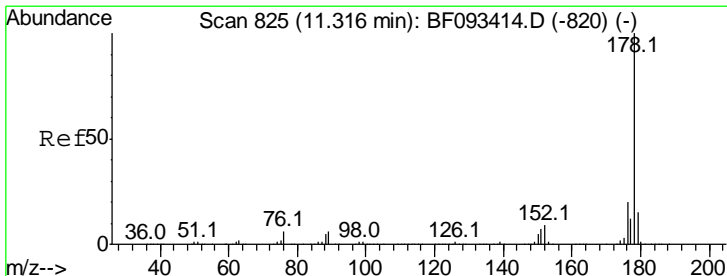
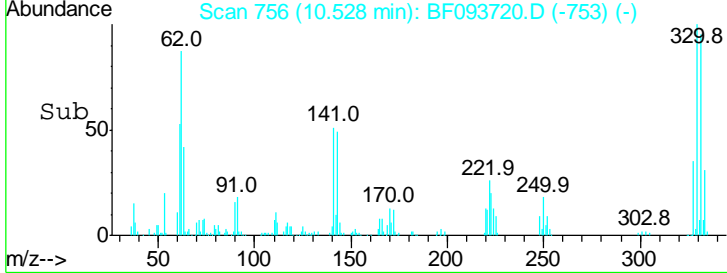
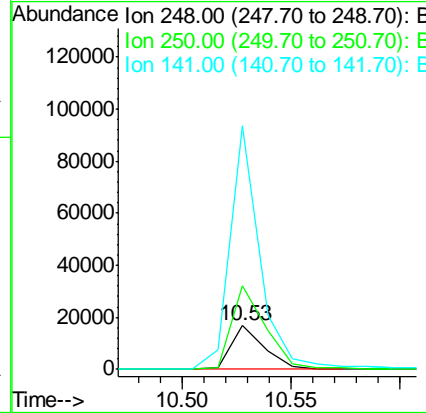
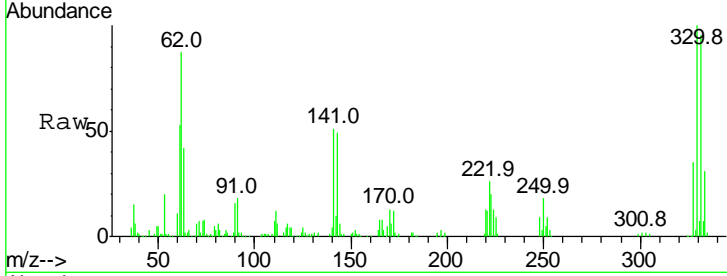




#66
 4-Bromophenyl-phenylether
 Concen: 3.45 ng
 RT: 10.53 min Scan# 756
 Delta R.T. -0.26 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

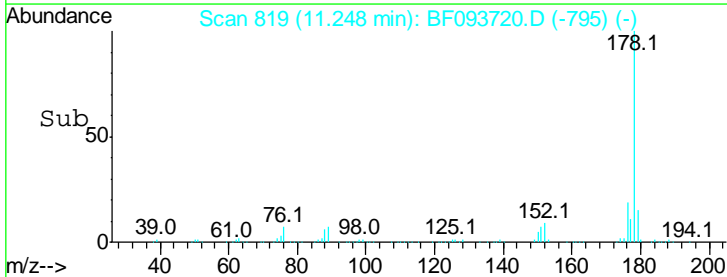
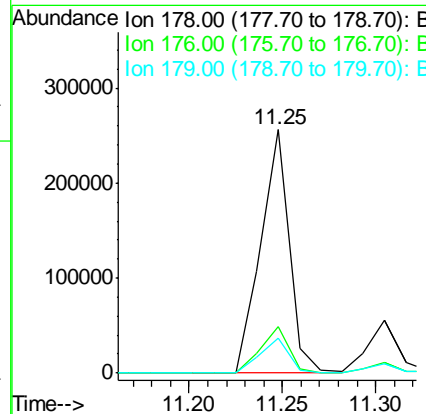
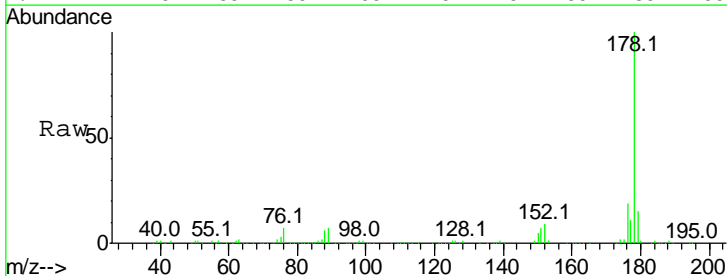
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

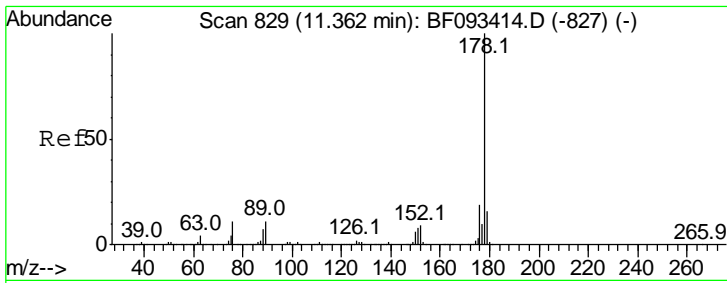
Tgt Ion	Resp	Lower	Upper
248	17402		
248	100		
250	192.5	76.9	115.3#
141	557.9	68.2	102.4#



#70
 Phenanthrene
 Concen: 9.92 ng
 RT: 11.25 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

Tgt Ion	Resp	Lower	Upper
178	270235		
178	100		
176	19.3	16.6	25.0
179	14.6	12.8	19.2

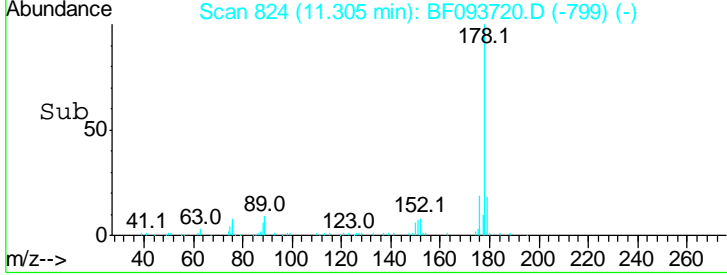
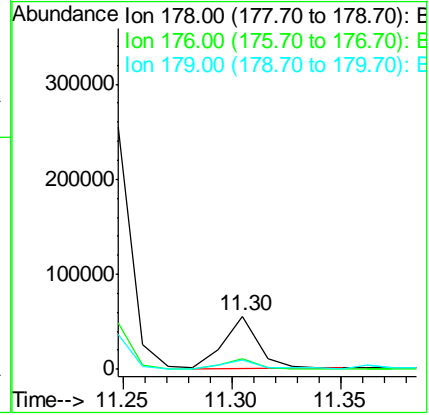
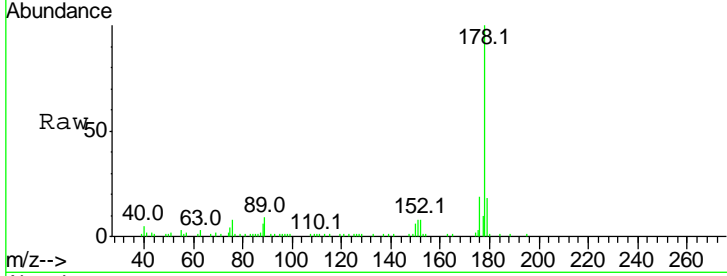




#71
 Anthracene
 Concen: 2.20 ng
 RT: 11.30 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

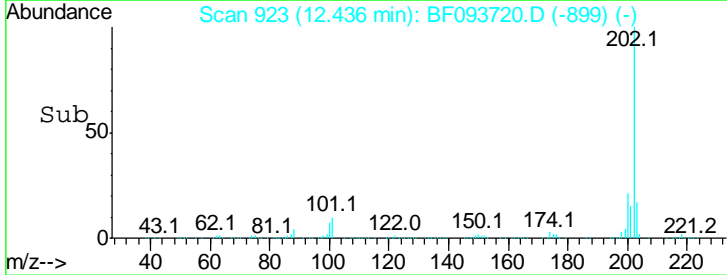
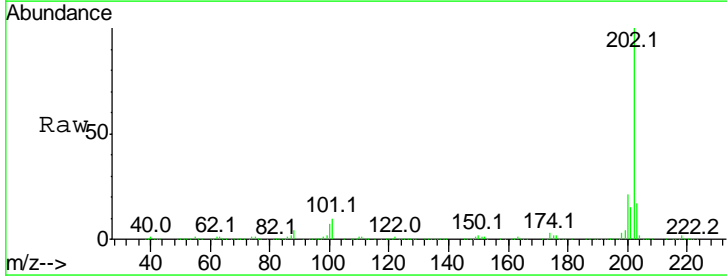
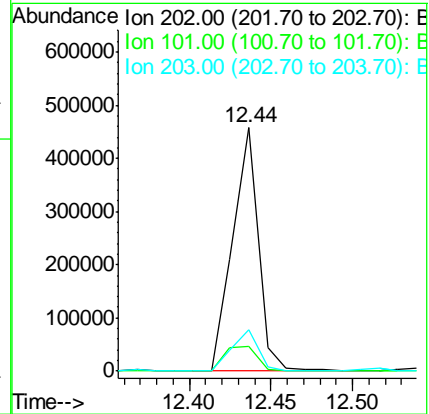
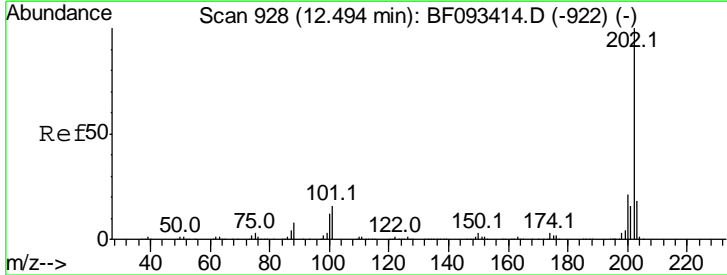
Instrument :
 BNA_F
ClientSampled :
 TEC-COMP

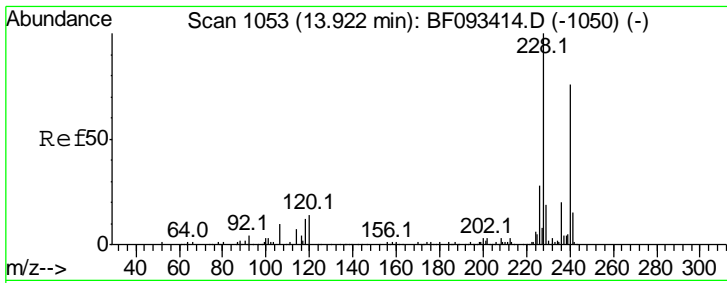
Tgt Ion	Resp	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	18.1	13.2	19.8



#74
 Fluoranthene
 Concen: 18.81 ng
 RT: 12.44 min Scan# 923
 Delta R.T. -0.02 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

Tgt Ion	Resp	Lower	Upper
202	100		
101	10.0	0.0	34.6
203	17.2	0.0	38.7

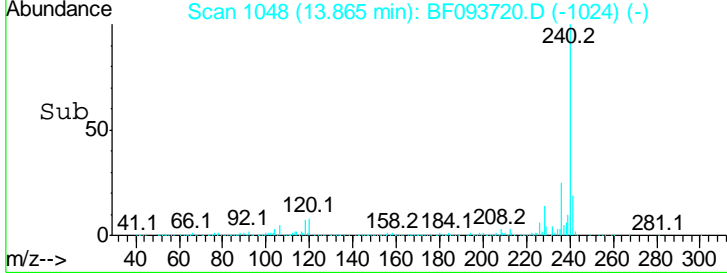
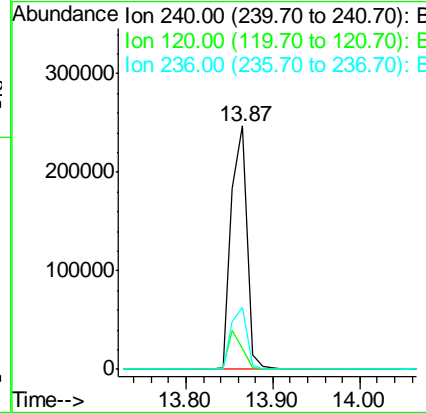
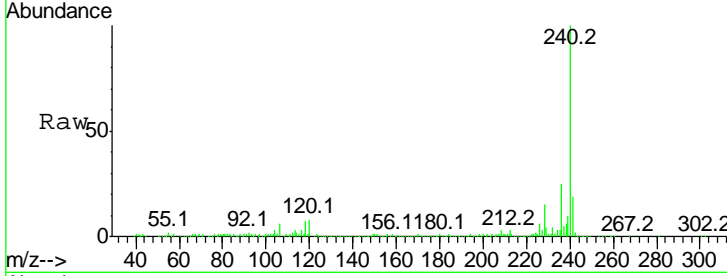




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.87 min Scan# 1048
 Delta R.T. -0.02 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

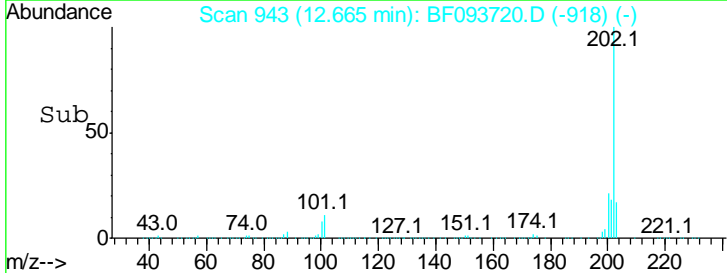
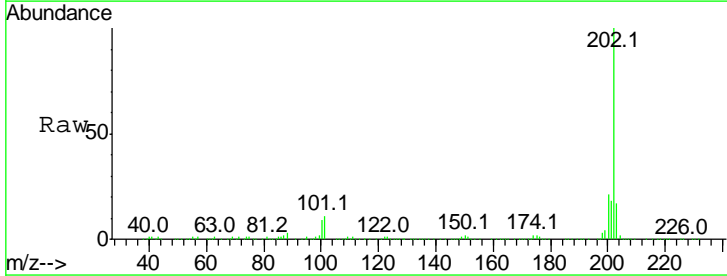
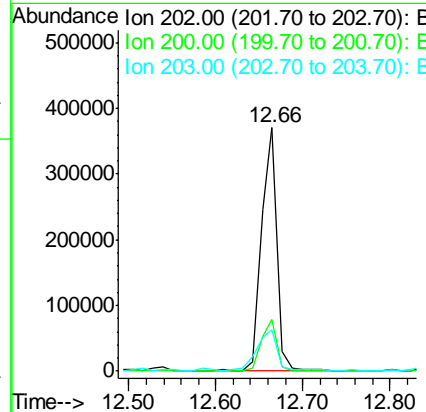
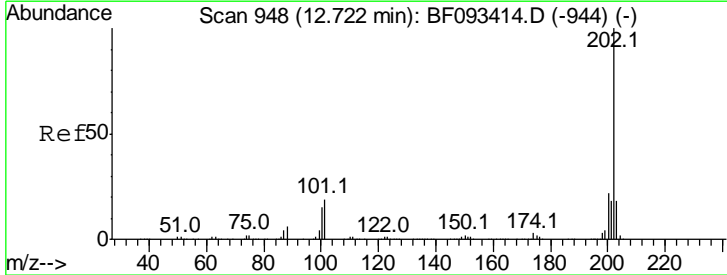
Instrument :
 BNA_F
 ClientSampled :
 TEC-COMP

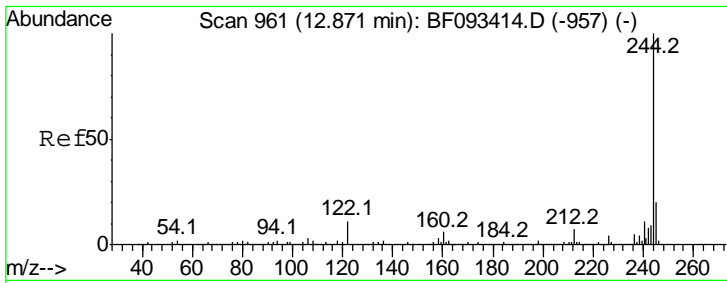
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.4	12.9	19.3#
236	25.4	20.9	31.3



#77
 Pyrene
 Concen: 20.19 ng
 RT: 12.66 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.7	26.5
203	17.2	14.7	22.1

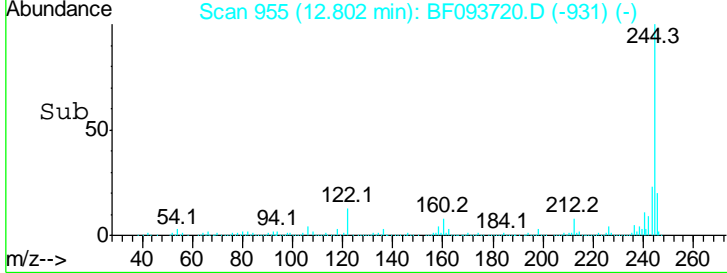
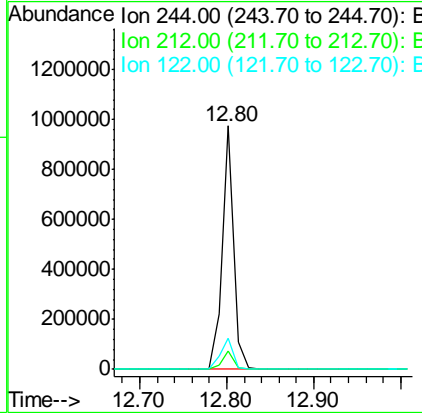
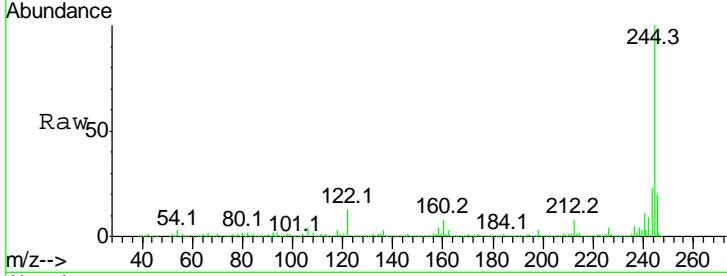




#78
 Terphenyl-d14
 Concen: 75.29 ng
 RT: 12.80 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

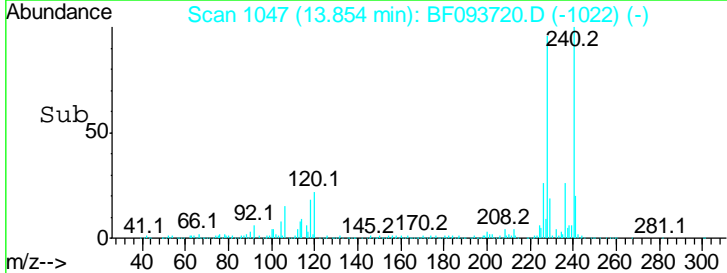
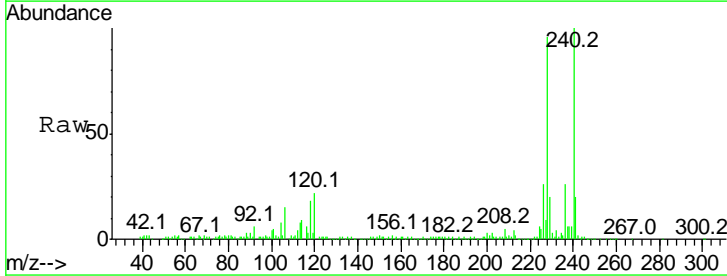
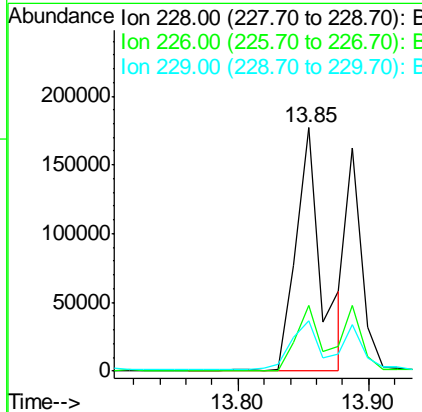
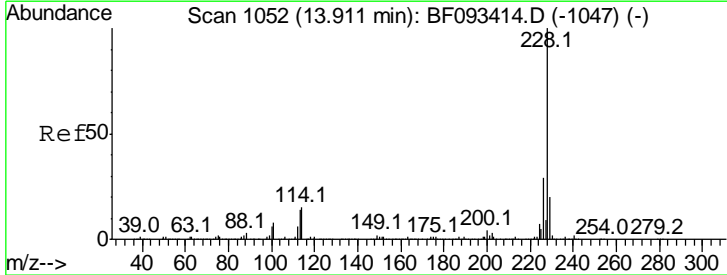
Instrument :
 BNA_F
ClientSampled :
 TEC-COMP

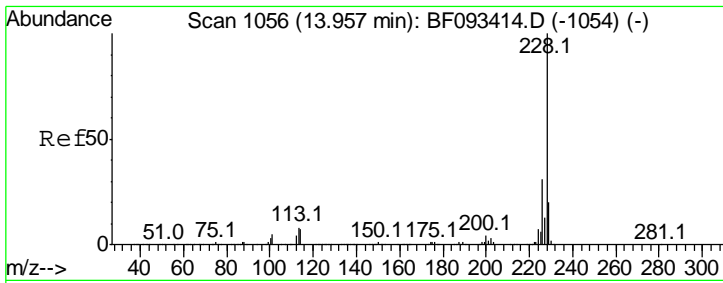
Tgt Ion	Resp	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	12.8	11.4	17.2



#80
 Benzo(a)anthracene
 Concen: 12.90 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

Tgt Ion	Resp	Lower	Upper
228	100		
226	27.1	22.4	33.6
229	20.5	16.2	24.4

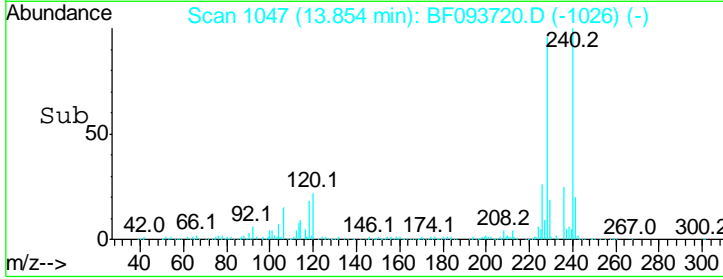
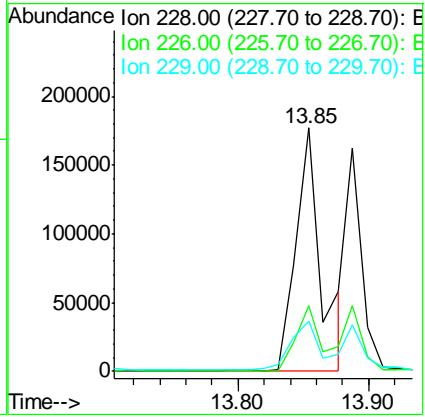
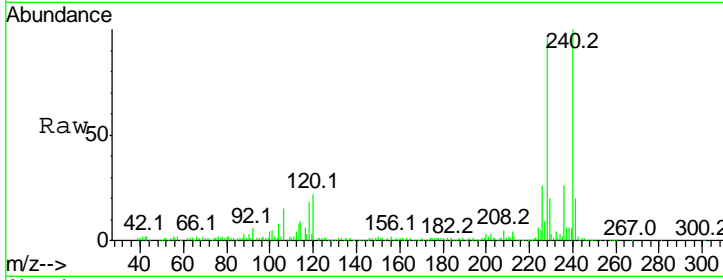




#82
 Chrysene
 Concen: 13.94 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. -0.06 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

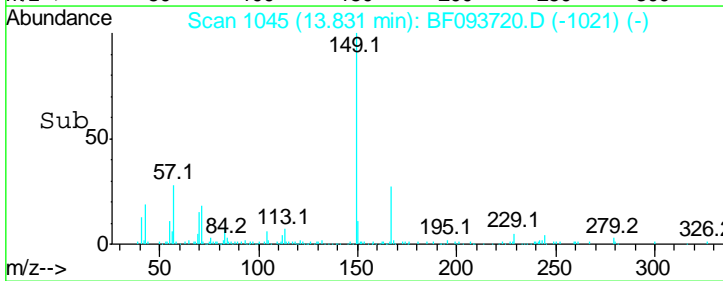
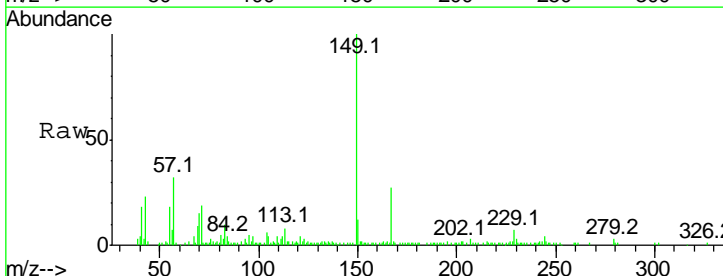
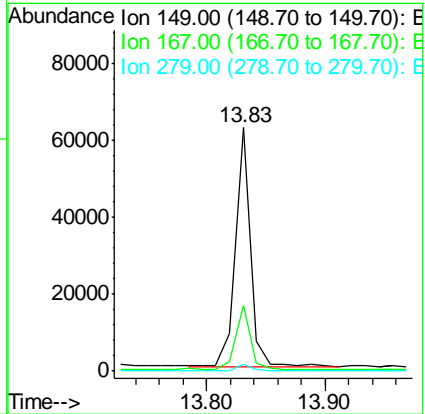
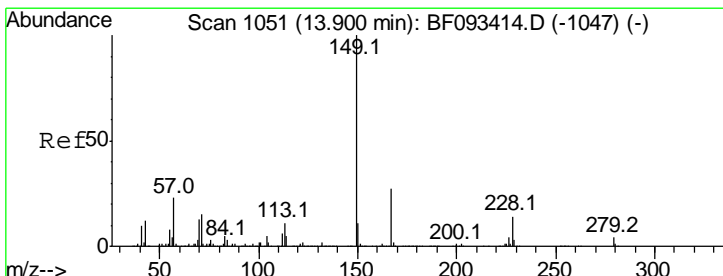
Instrument :
 BNA_F
 ClientSampled :
 TEC-COMP

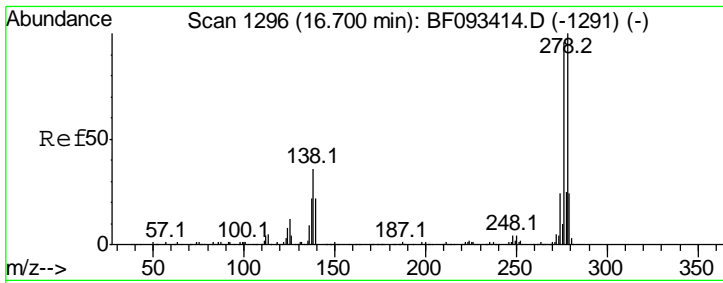
Tgt Ion	Resp	Lower	Upper
228	100		
226	27.1	25.4	38.0
229	20.5	16.2	24.2



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.04 ng
 RT: 13.83 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

Tgt Ion	Resp	Lower	Upper
149	100		
167	26.9	20.2	30.4
279	3.0	1.8	2.8#

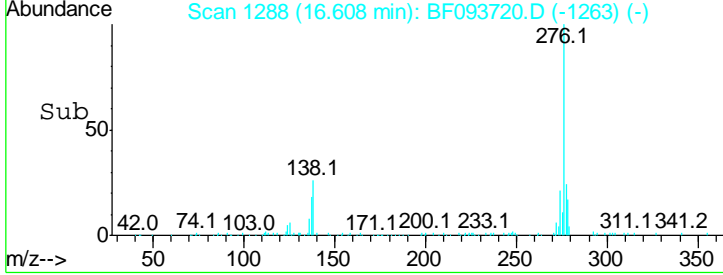
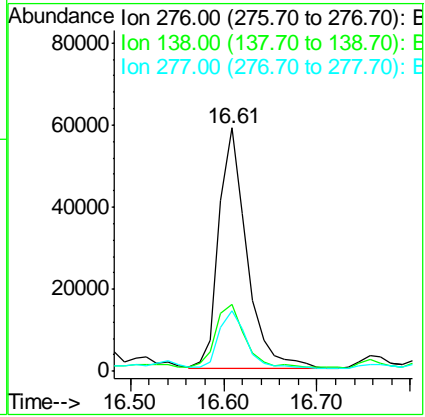
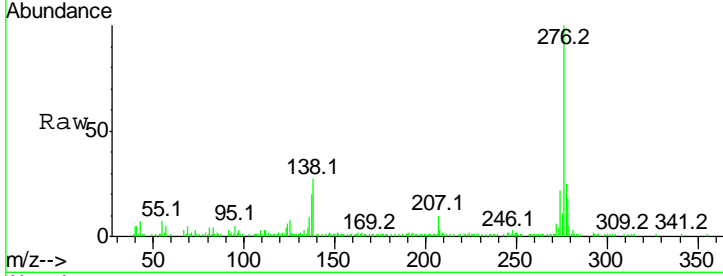




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 8.50 ng
 RT: 16.61 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

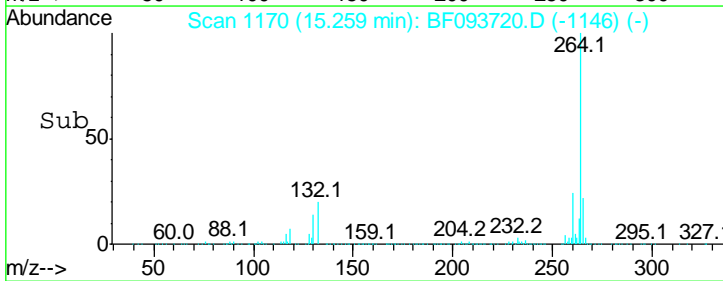
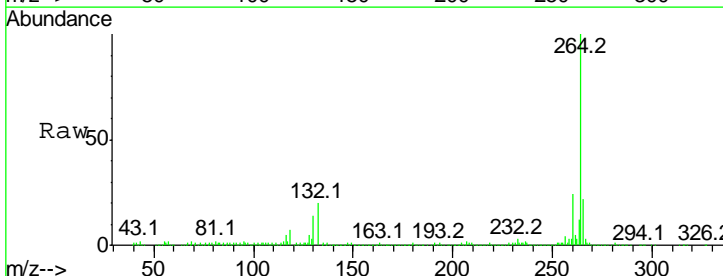
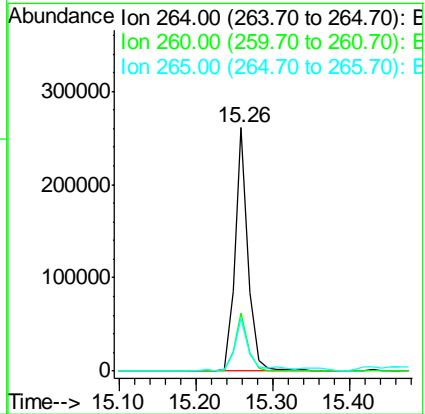
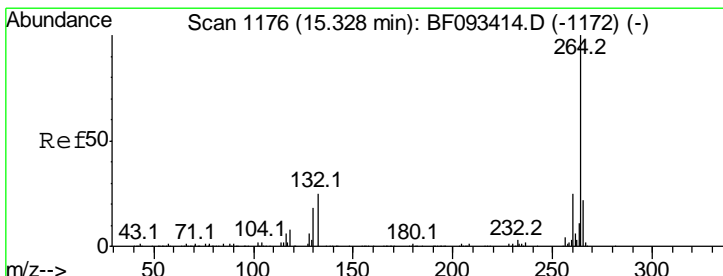
Instrument :
 BNA_F
 ClientSampled :
 TEC-COMP

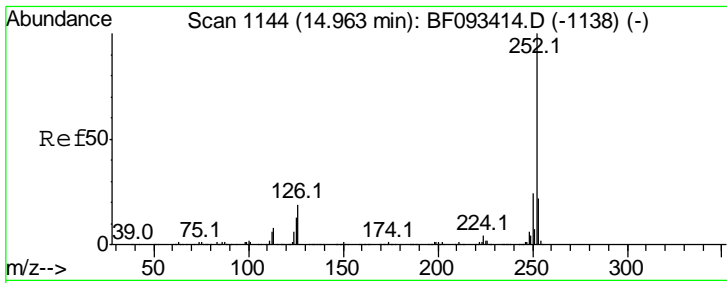
Tgt Ion	Resp	Lower	Upper
276	100		
138	27.8	21.8	32.6
277	24.4	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.26 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

Tgt Ion	Resp	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	17.4	26.0

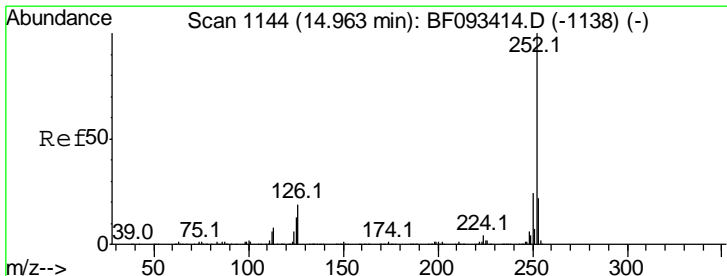
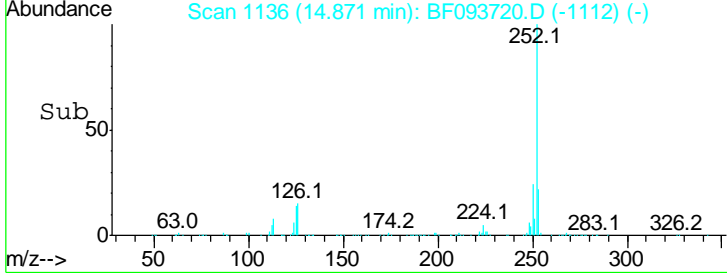
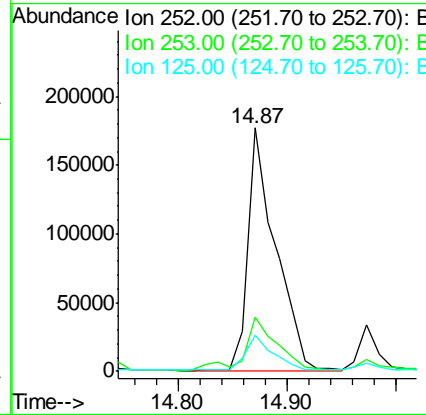
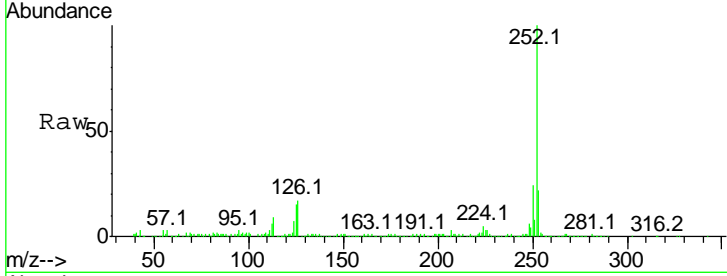




#87
 Benzo(b)fluoranthene
 Concen: 16.13 ng
 RT: 14.87 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

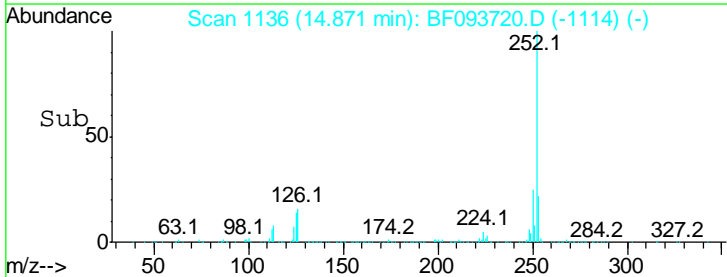
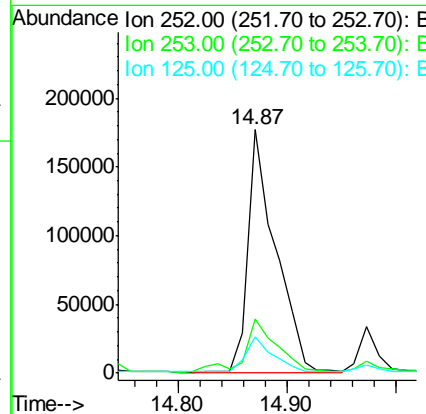
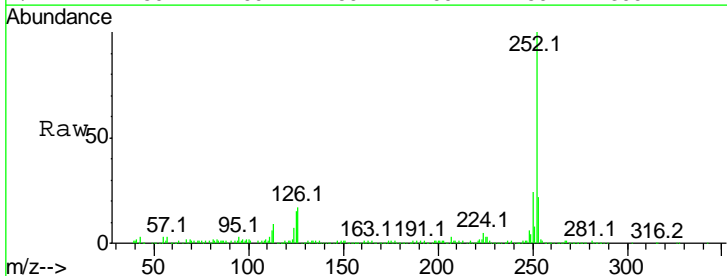
Instrument :
 BNA_F
 ClientSampled :
 TEC-COMP

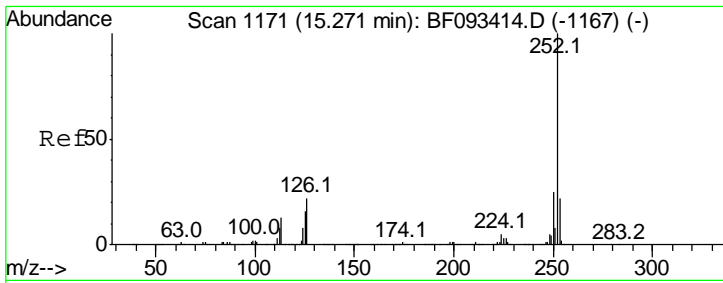
Tgt Ion	Resp	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	14.8	9.8	14.6



#88
 Benzo(k)fluoranthene
 Concen: 16.72 ng
 RT: 14.87 min Scan# 1136
 Delta R.T. -0.05 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

Tgt Ion	Resp	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	14.8	8.9	13.3

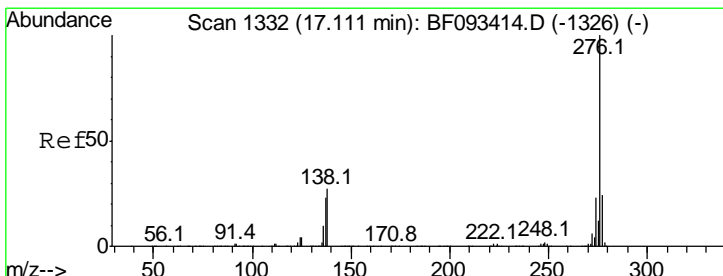
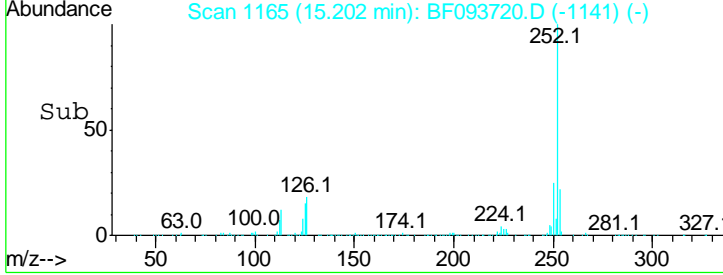
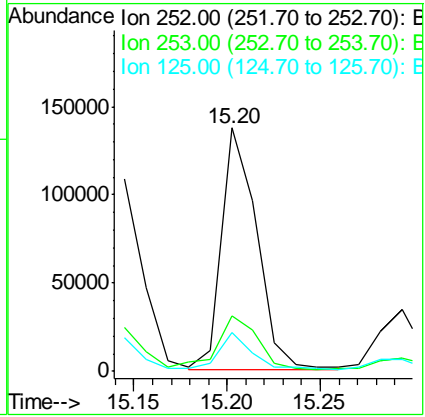
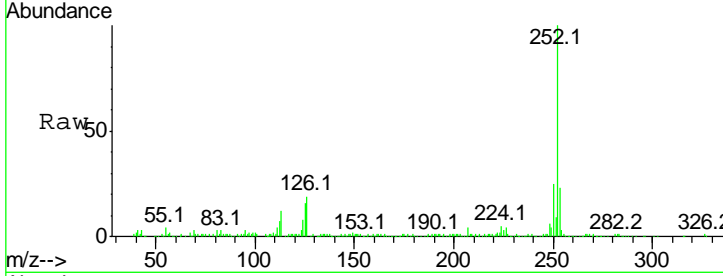




#89
 Benzo(a)pyrene
 Concen: 10.28 ng
 RT: 15.20 min Scan# 1165
 Delta R.T. -0.02 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

Instrument :
 BNA_F
 ClientSampled :
 TEC-COMP

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	15.7	10.0	15.0#



#91
 Benzo(g,h,i)perylene
 Concen: 8.27 ng
 RT: 17.01 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF093720.D
 Acq: 16 Mar 2017 21:41

Tgt Ion	Resp	Lower	Upper
276	100		
277	25.2	19.2	28.8
138	28.5	16.0	24.0#

