

Data Path : Z:\HPCHEM1\BNA F\Data\BF051817\
 Data File : BF095264.D
 Acq On : 19 May 2017 14:14
 Operator : SJ/MA
 Sample : I3186-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 15:17:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	95208	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	405191	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	178416	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	290613	20.00	ng	0.00
75) Chrysene-d12	18.69	240	182600	20.00	ng	0.00
86) Perylene-d12	20.36	264	174150	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.74	112	696416	121.95	ng	0.00
7) Phenol-d6	7.31	99	894421	130.54	ng	0.00
23) Nitrobenzene-d5	8.67	82	533016	82.95	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	171486	117.36	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	961135	77.54	ng	0.00
78) Terphenyl-d14	17.34	244	635256	76.63	ng	-0.01

Target Compounds

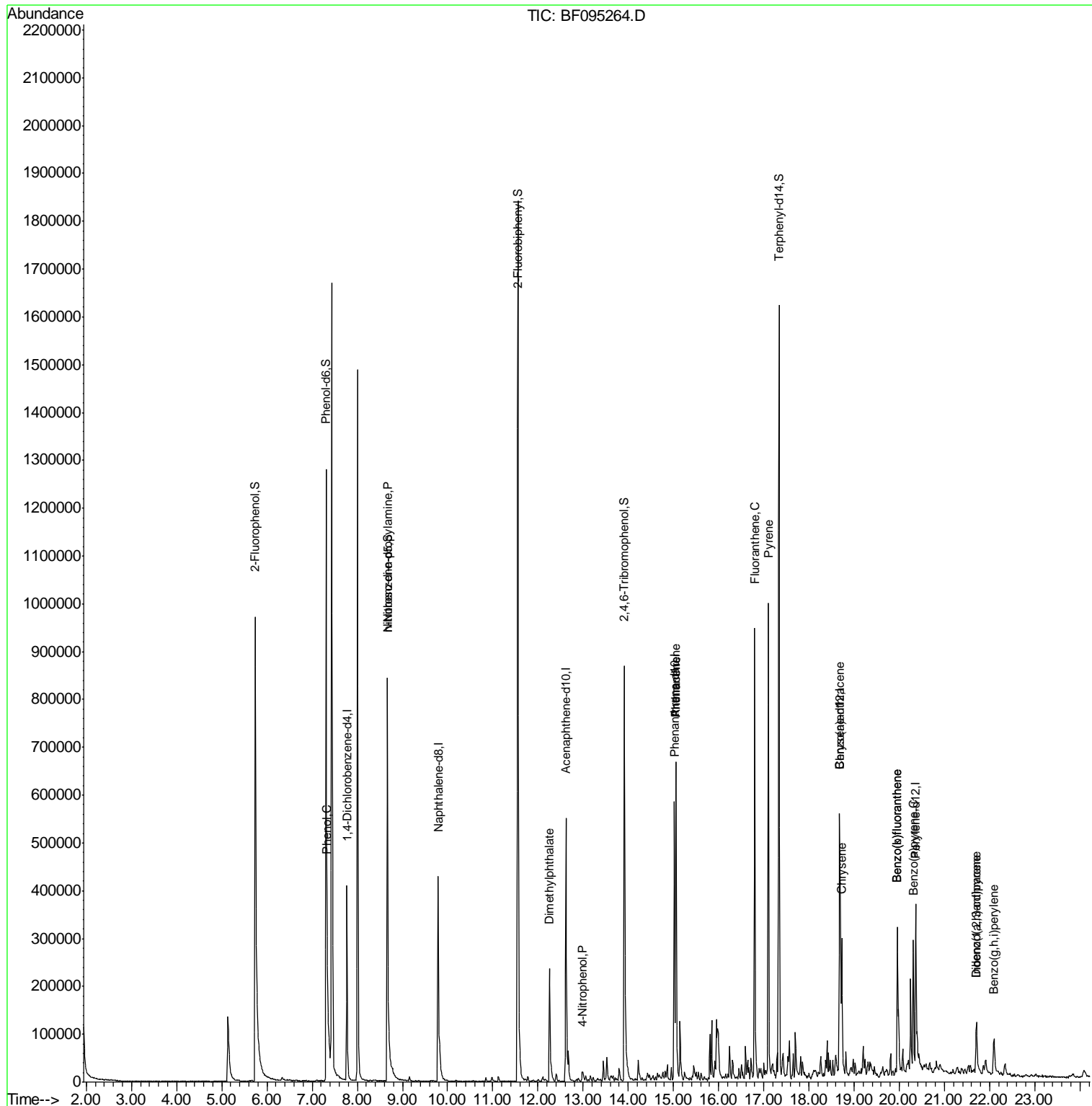
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.33	94	20692	2.87	ng	# 63
19) n-Nitroso-di-n-propylamine	8.67	70	63130	13.62	ng	# 74
49) Dimethylphthalate	12.25	163	190192	12.99	ng	98
55) 4-Nitrophenol	12.98	139	6891	3.58	ng	# 25
70) Phenanthrene	15.05	178	413086	24.74	ng	98
71) Anthracene	15.05	178	413086	24.22	ng	99
74) Fluoranthene	16.80	202	524413	30.62	ng	98
77) Pyrene	17.10	202	457183	33.48	ng	96
80) Benzo(a)anthracene	18.68	228	154242	14.51	ng	99
82) Chrysene	18.72	228	150331	14.63	ng	97
85) Indeno(1,2,3-cd)pyrene	21.71	276	70713	8.47	ng	94
87) Benzo(b)fluoranthene	19.96	252	220068	20.45	ng	98
88) Benzo(k)fluoranthene	19.96	252	220068	21.20	ng	97
89) Benzo(a)pyrene	20.31	252	124957	12.58	ng	97
90) Dibenzo(a,h)anthracene	21.71	278	16960	2.07	ng	96
91) Benzo(a,h,i)perylene	22.09	276	66815	8.30	ng	97

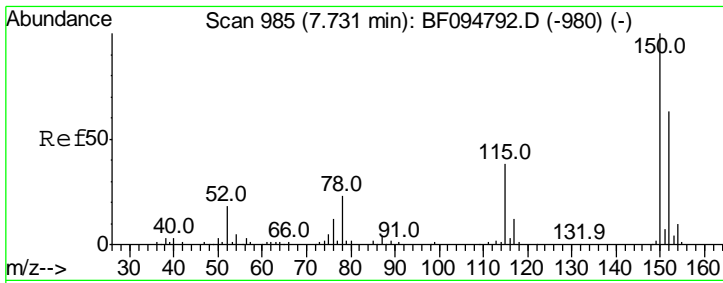
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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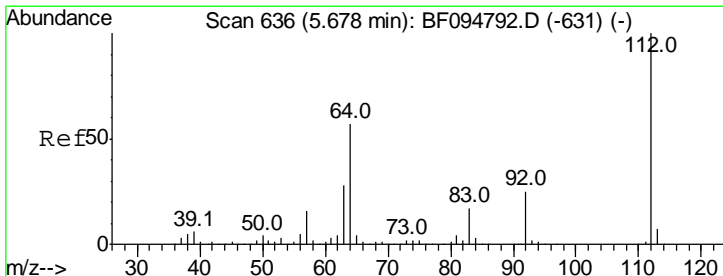
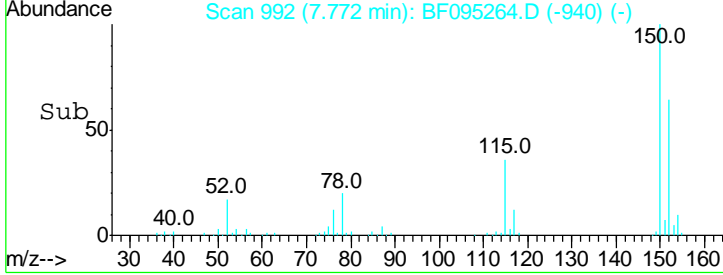
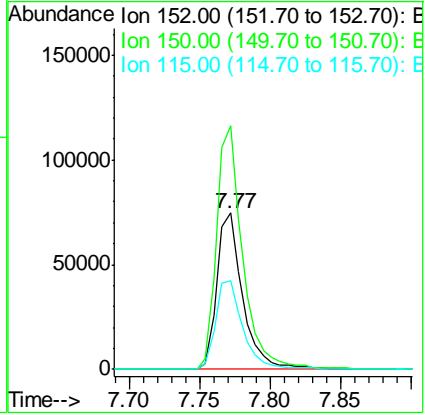
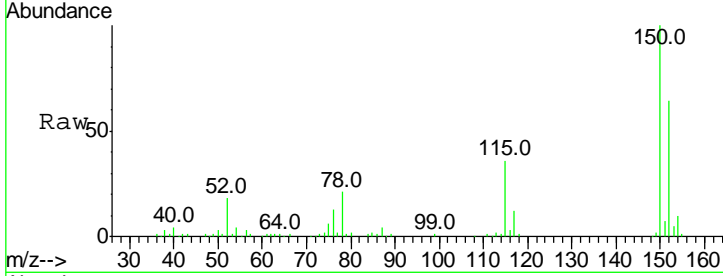




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.77 min Scan# 992
 Delta R.T. 0.01 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

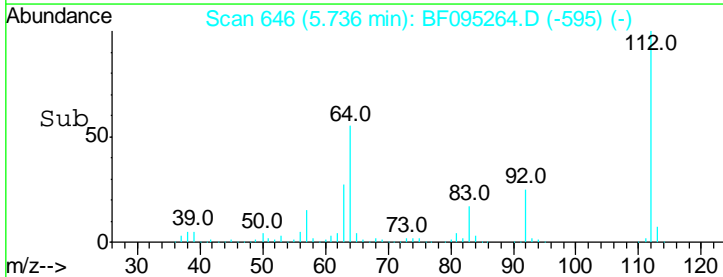
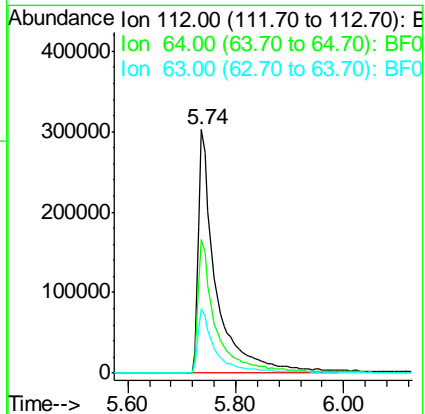
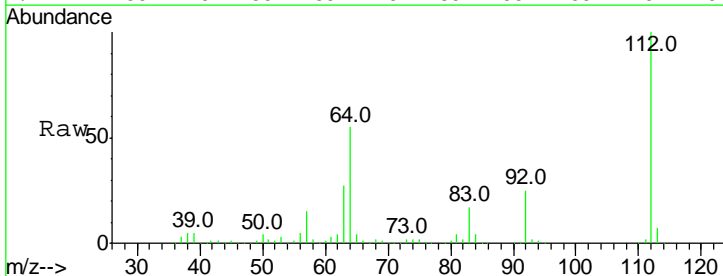
Instrument :
 BNA_F
 ClientSampled :

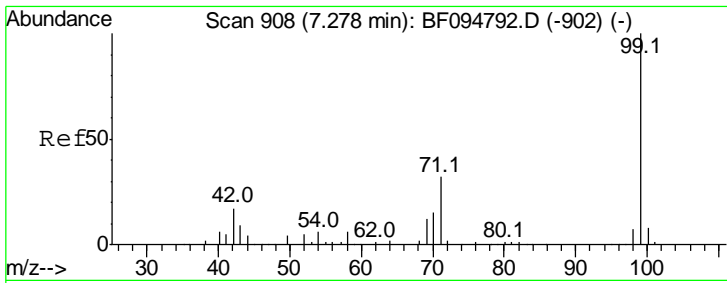
Tgt Ion	Resp	Lower	Upper
152	95208		
150	155.7	126.2	189.2
115	56.6	52.2	78.2



#5
 2-Fluorophenol
 Concen: 121.95 ng
 RT: 5.74 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

Tgt Ion	Resp	Lower	Upper
112	696416		
64	54.7	46.0	69.0
63	26.5	23.4	35.0

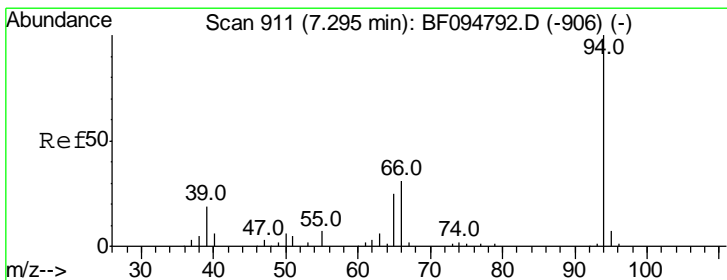
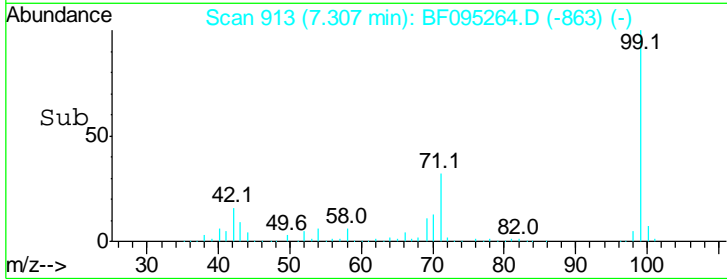
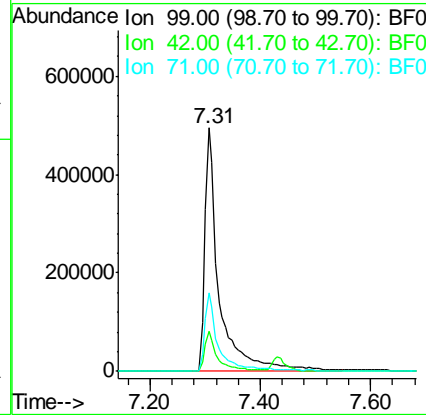
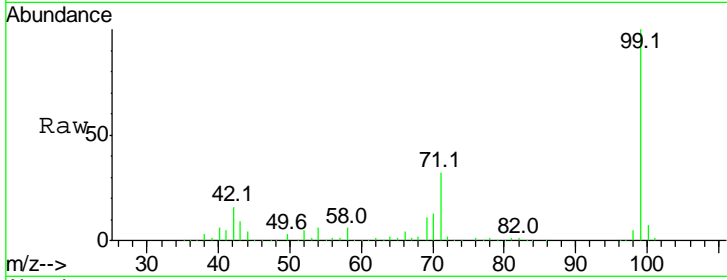




#7
 Phenol-d6
 Concen: 130.54 ng
 RT: 7.31 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

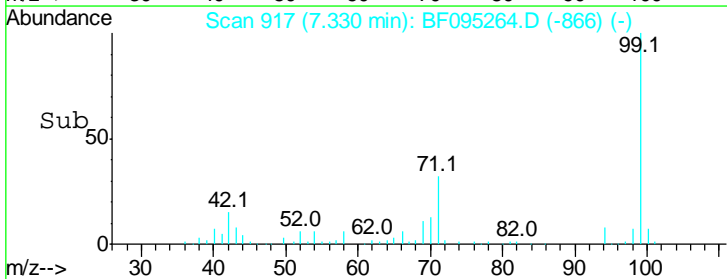
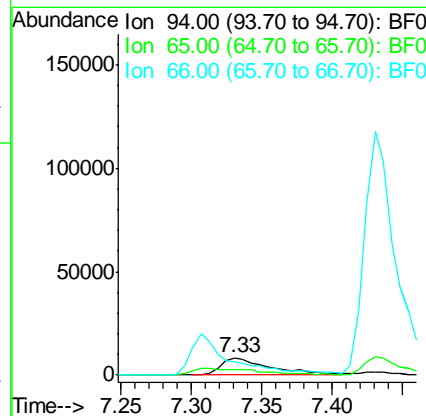
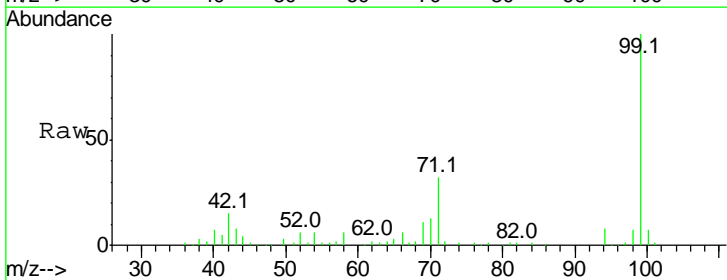
Instrument :
 BNA_F
 ClientSampled :

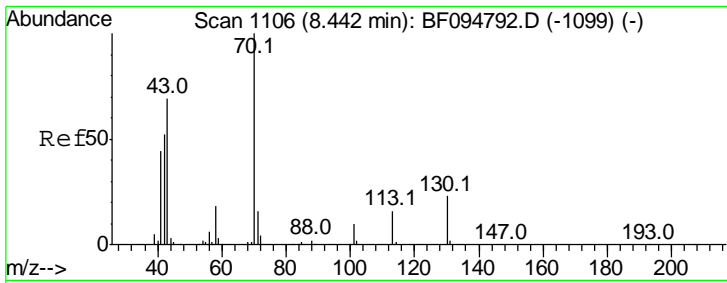
Tgt Ion	Resp	Lower	Upper
99	894421		
99	100		
42	16.4	13.5	20.3
71	32.1	24.5	36.7



#10
 Phenol
 Concen: 2.87 ng
 RT: 7.33 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

Tgt Ion	Resp	Lower	Upper
94	20692		
94	100		
65	34.4	9.9	49.9
66	79.1	23.1	63.1#

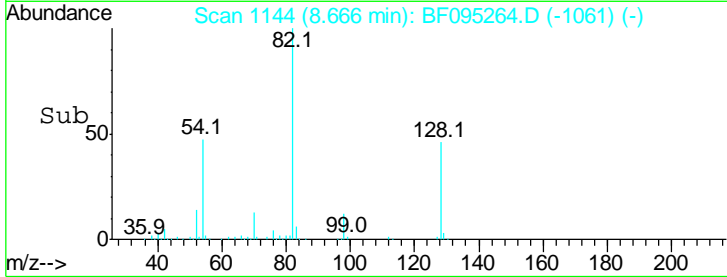
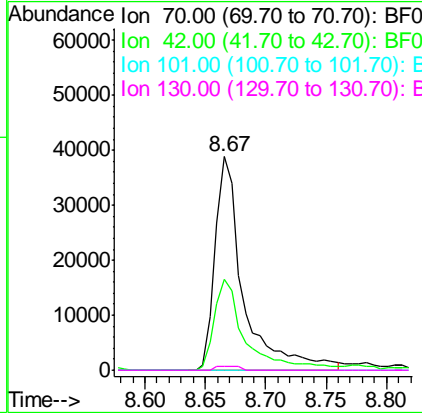
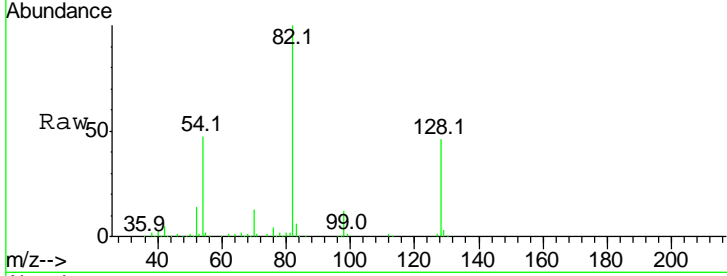




#19
 n-Nitroso-di-n-propylamine
 Concen: 13.62 ng
 RT: 8.67 min Scan# 1144
 Delta R.T. 0.19 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

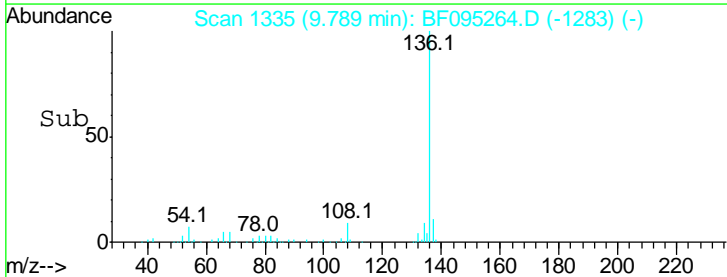
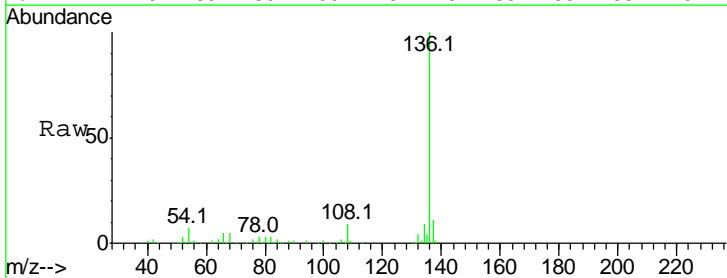
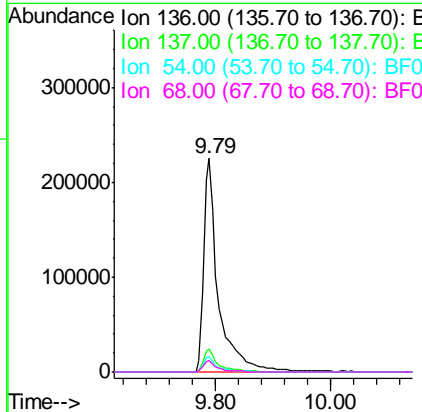
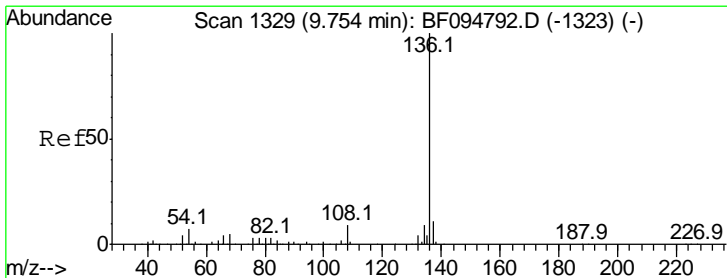
Instrument :
 BNA_F
 ClientSampled :

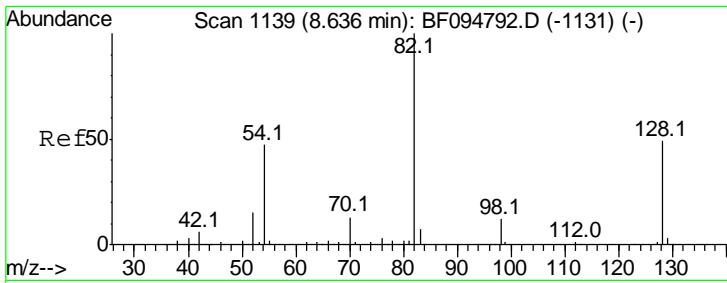
Tgt Ion	Resp	Lower	Upper
70	63130		
70	100		
42	42.4	47.2	70.8#
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 9.79 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

Tgt Ion	Resp	Lower	Upper
136	405191		
136	100		
137	10.9	8.5	12.7
54	7.0	4.9	7.3
68	5.5	4.1	6.1

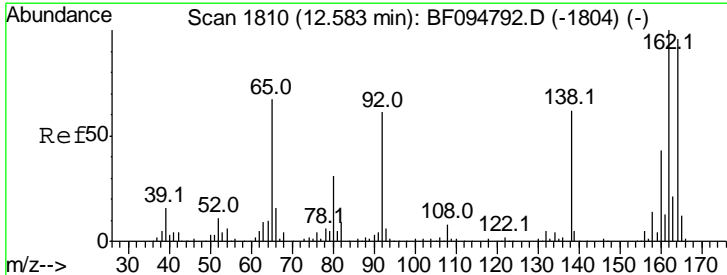
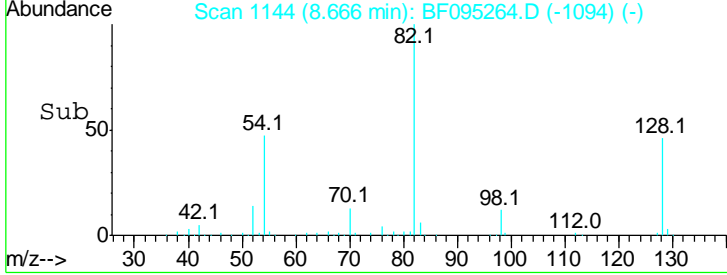
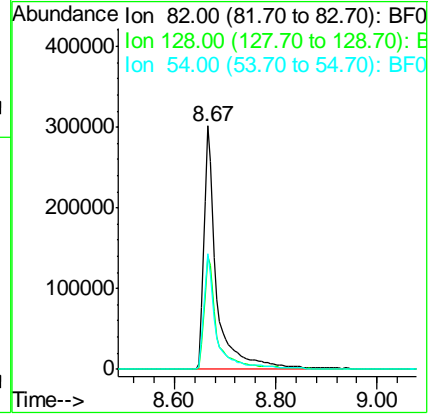
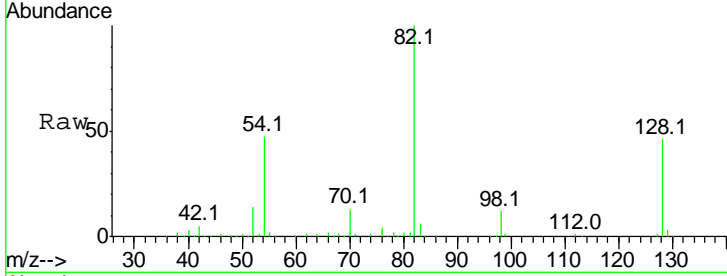




#23
 Nitrobenzene-d5
 Concen: 82.95 ng
 RT: 8.67 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

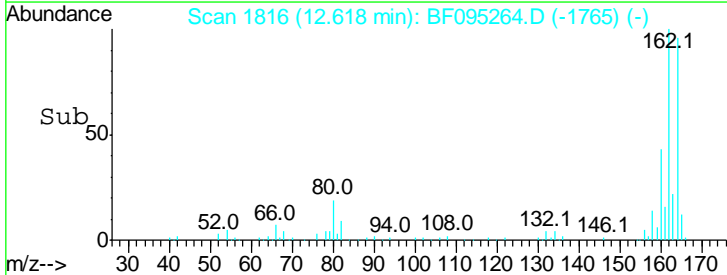
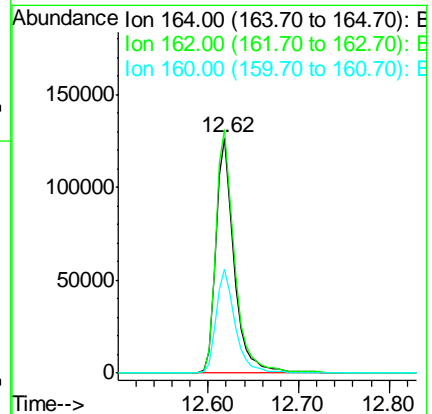
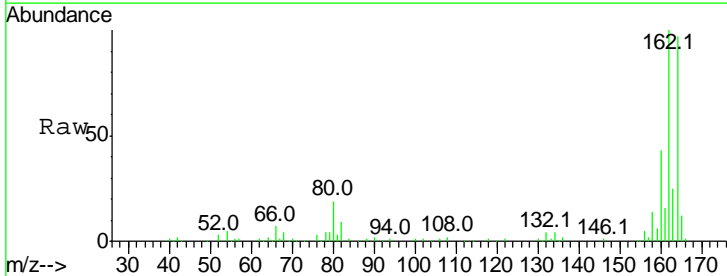
Instrument :
 BNA_F
 ClientSampled :

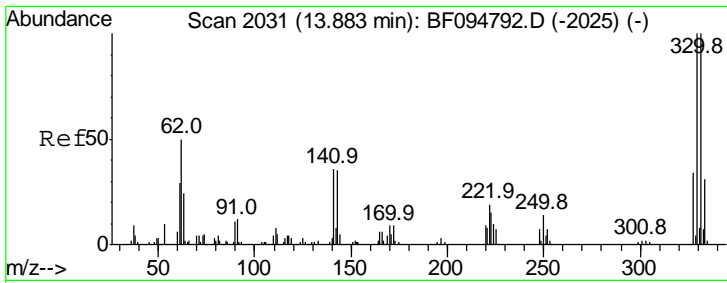
Tgt Ion	Resp	Lower	Upper
82	100		
128	46.3	34.0	51.0
54	47.4	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

Tgt Ion	Resp	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	44.3	36.2	54.2

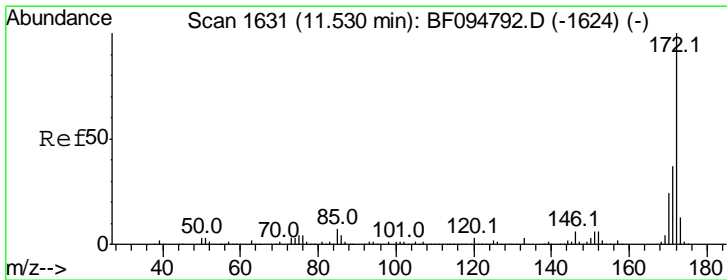
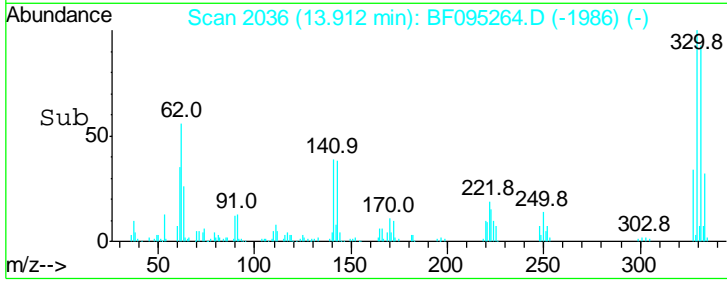
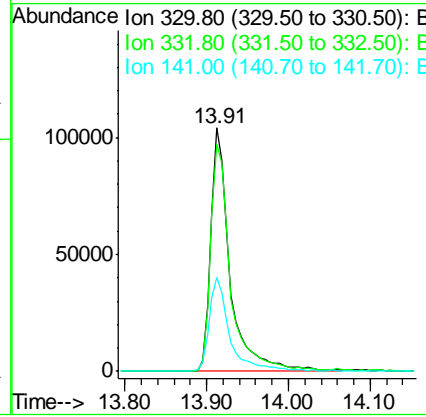
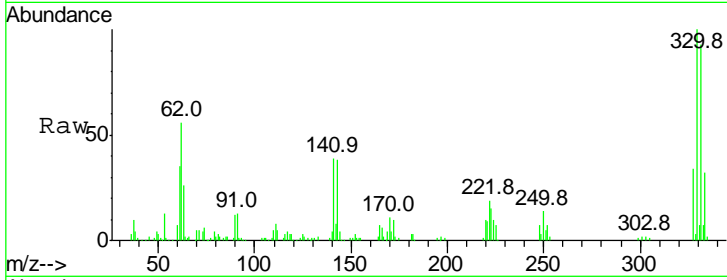




#41
 2,4,6-Tribromophenol
 Concen: 117.36 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

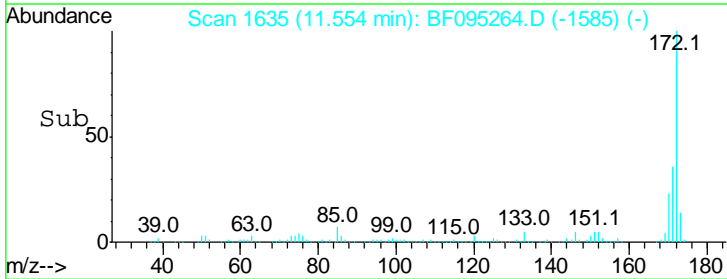
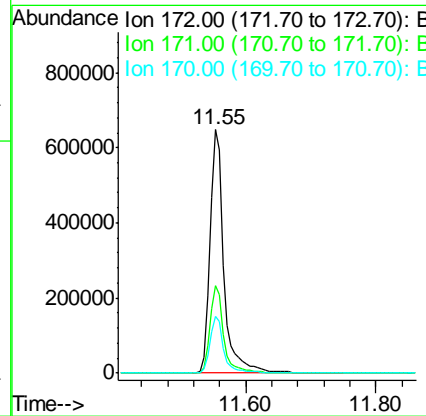
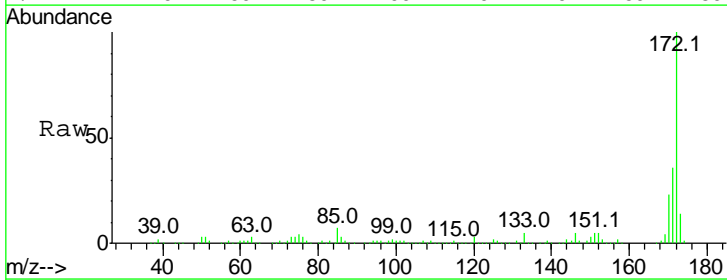
Instrument :
 BNA_F
 ClientSampled :

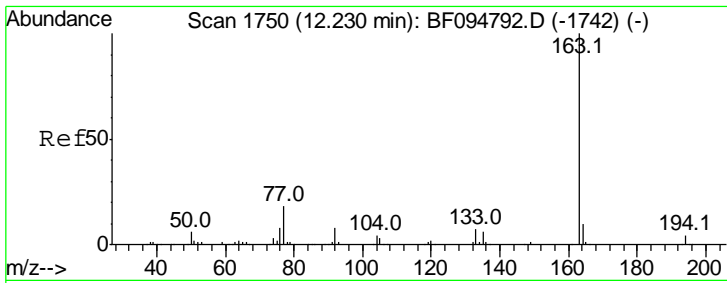
Tgt Ion	Resp	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	40.8	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 77.54 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.1	19.8	29.8

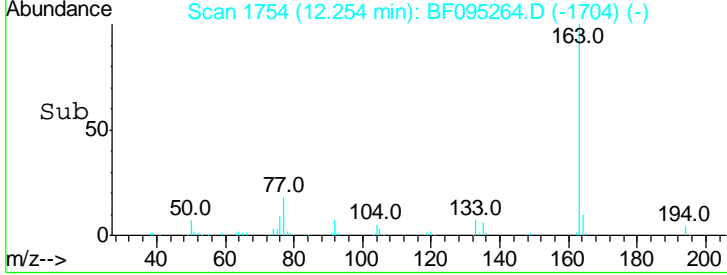
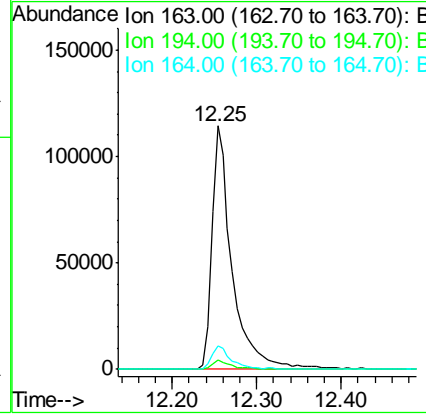
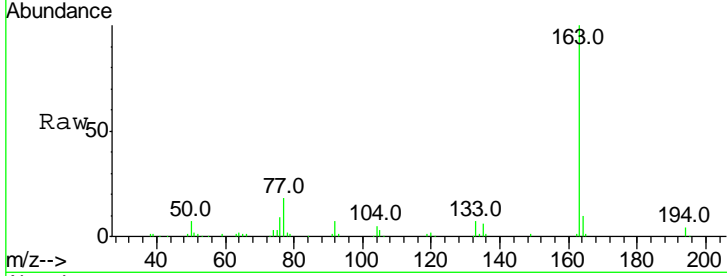




#49
 Dimethylphthalate
 Concen: 12.99 ng
 RT: 12.25 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

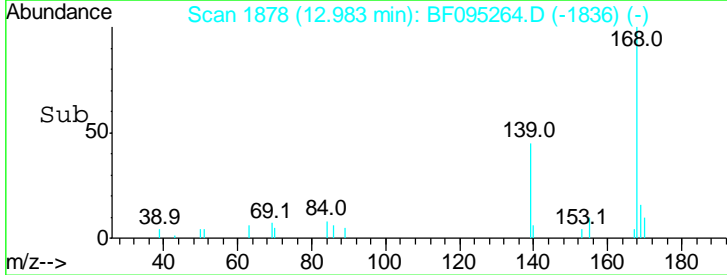
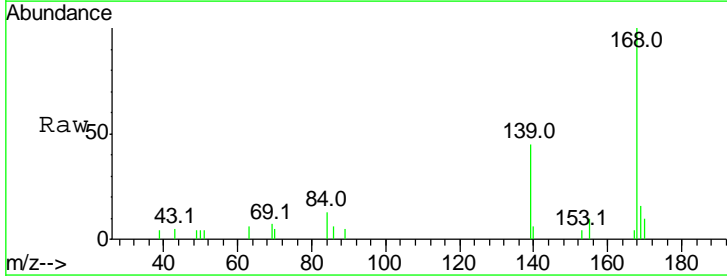
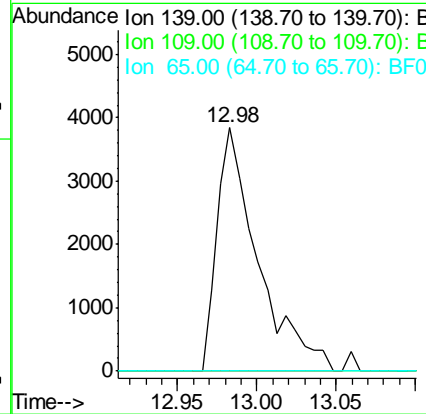
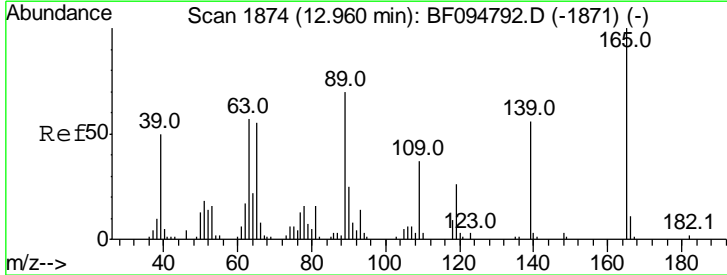
Instrument :
 BNA_F
 ClientSampled :

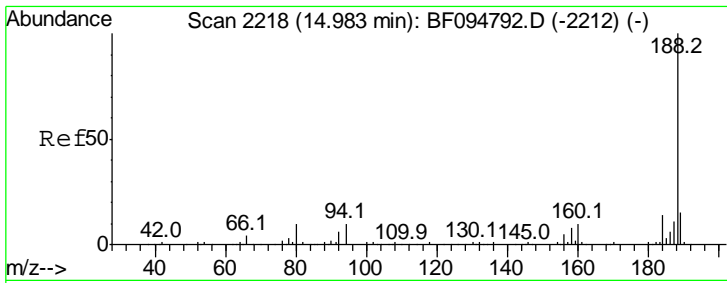
Tgt Ion	Resp	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	9.9	8.4	12.6



#55
 4-Nitrophenol
 Concen: 3.58 ng
 RT: 12.98 min Scan# 1878
 Delta R.T. -0.05 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

Tgt Ion	Resp	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#

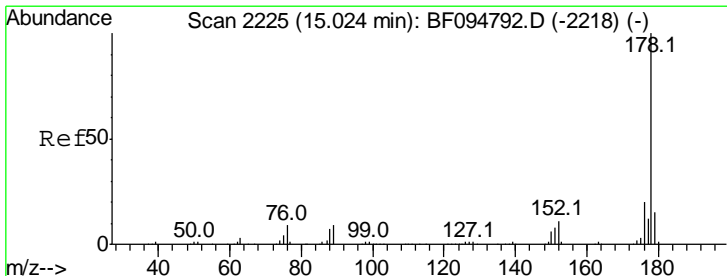
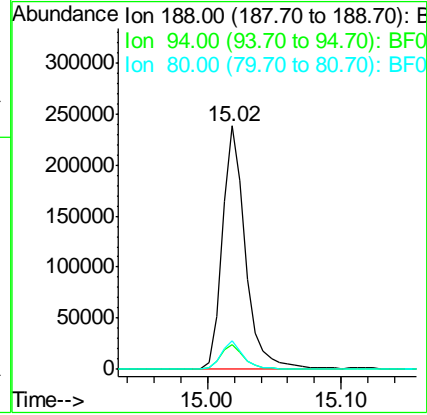
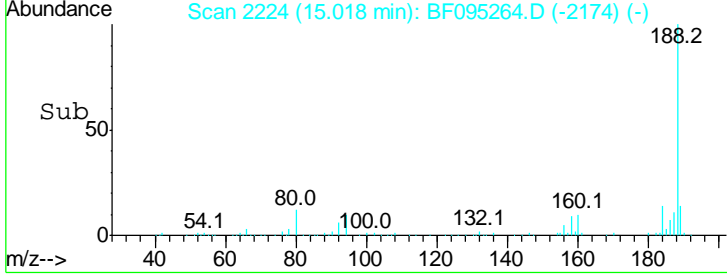
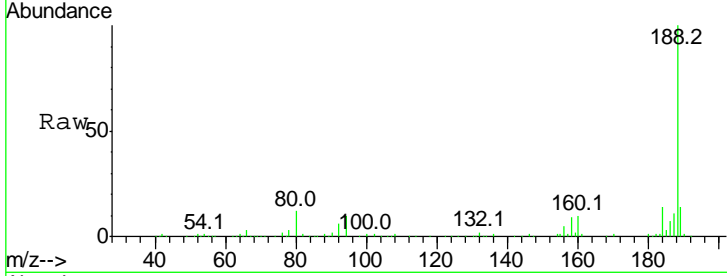




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

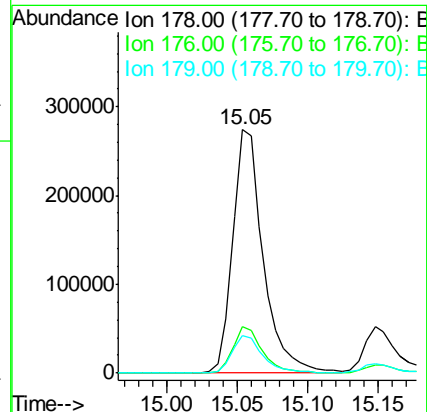
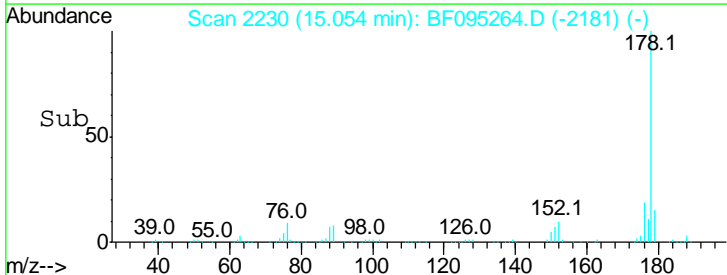
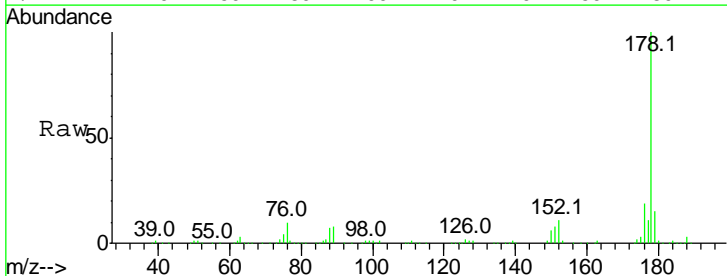
Instrument :
 BNA_F
 ClientSampled :

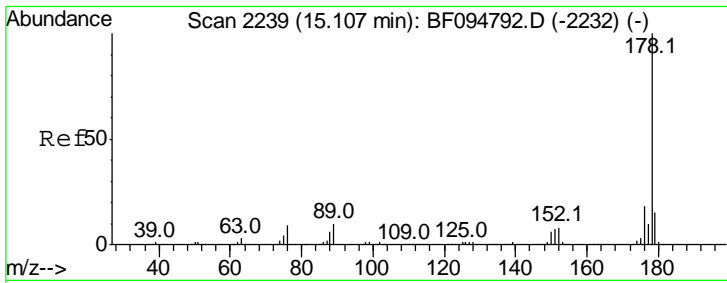
Tgt Ion	Resp	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	11.5	10.2	15.2



#70
 Phenanthrene
 Concen: 24.74 ng
 RT: 15.05 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

Tgt Ion	Resp	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.4	12.6	19.0

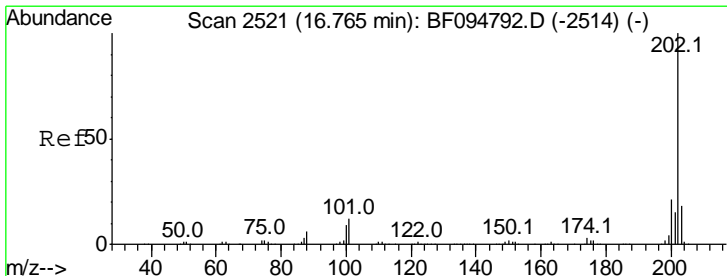
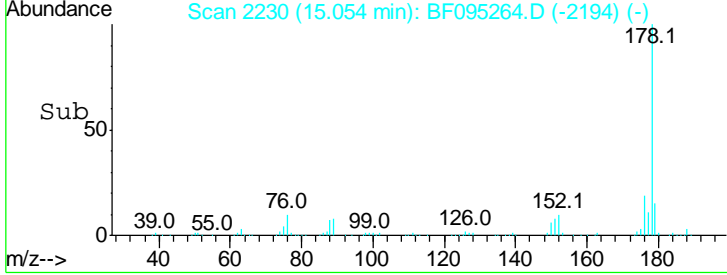
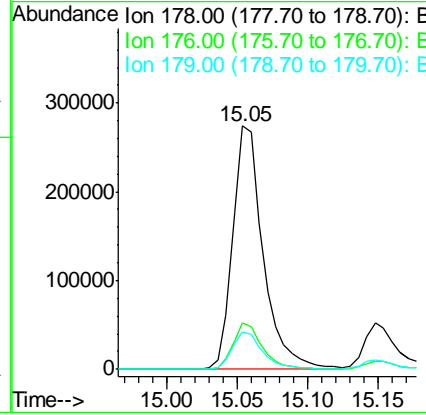
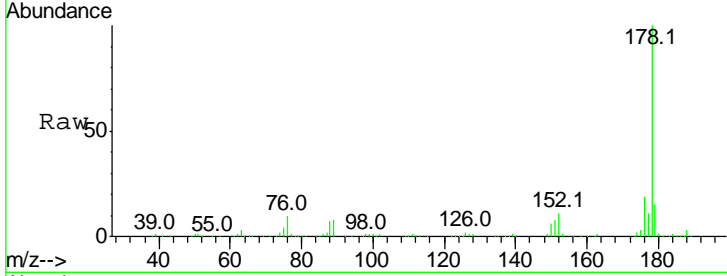




#71
 Anthracene
 Concen: 24.22 ng
 RT: 15.05 min Scan# 2230
 Delta R.T. -0.09 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

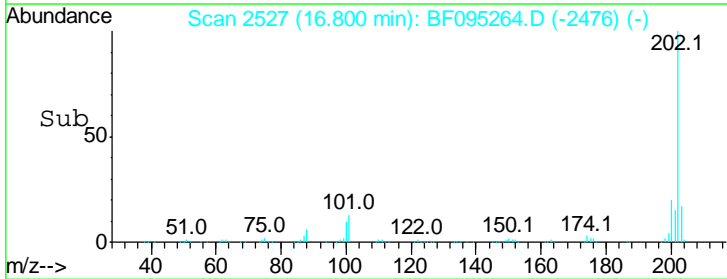
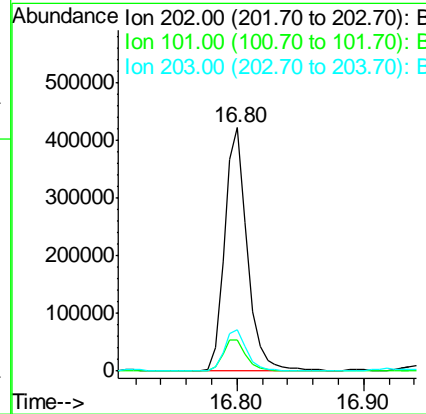
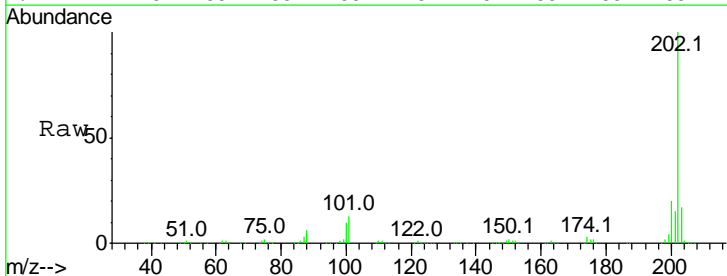
Instrument :
 BNA_F
 ClientSampled :

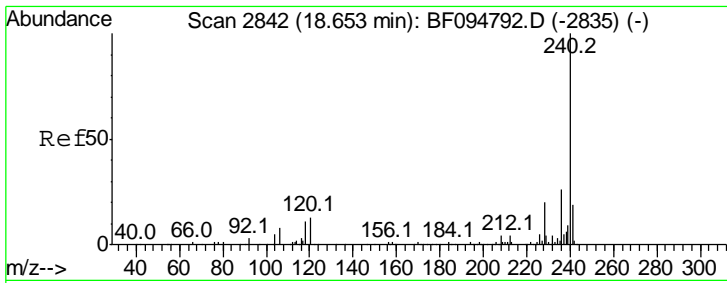
Tgt Ion	Resp	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.4	12.7	19.1



#74
 Fluoranthene
 Concen: 30.62 ng
 RT: 16.80 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

Tgt Ion	Resp	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	17.2	0.0	38.1

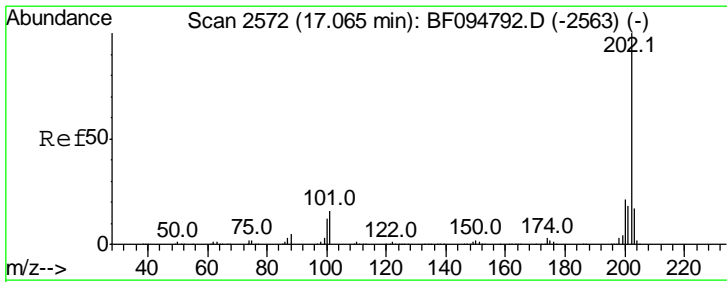
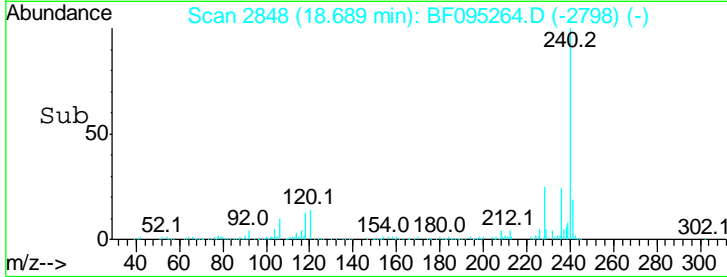
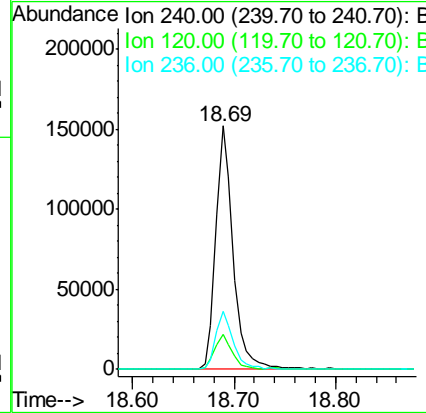
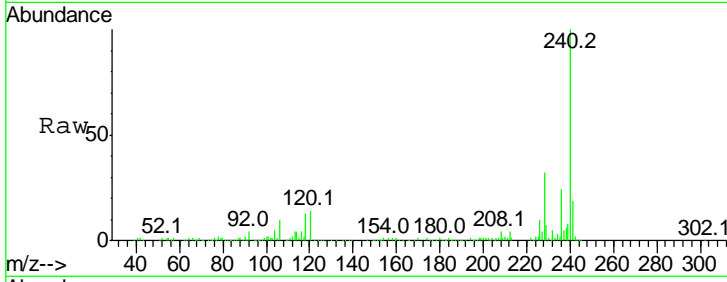




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

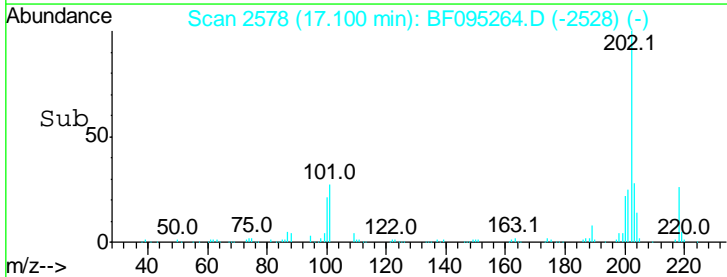
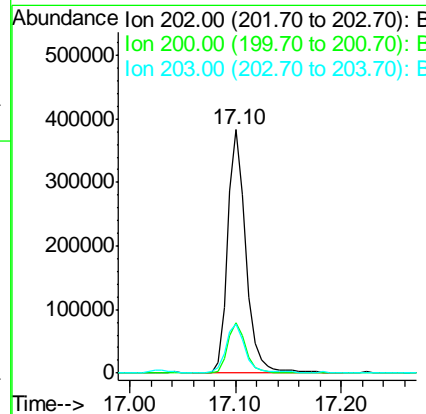
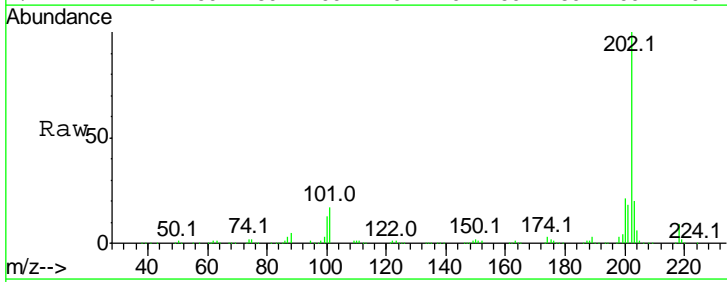
Instrument :
 BNA_F
 ClientSampled :

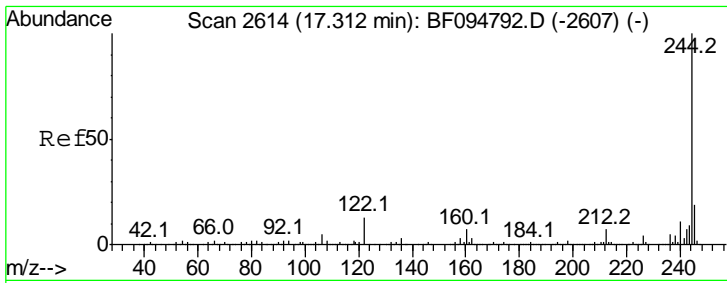
Tgt Ion	Resp	Lower	Upper
240	182600		
120	14.2	5.8	8.8#
236	23.9	20.5	30.7



#77
 Pyrene
 Concen: 33.48 ng
 RT: 17.10 min Scan# 2578
 Delta R.T. -0.01 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

Tgt Ion	Resp	Lower	Upper
202	457183		
200	20.8	17.6	26.4
203	20.3	14.4	21.6

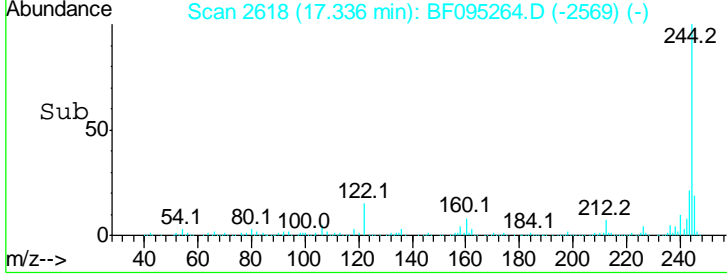
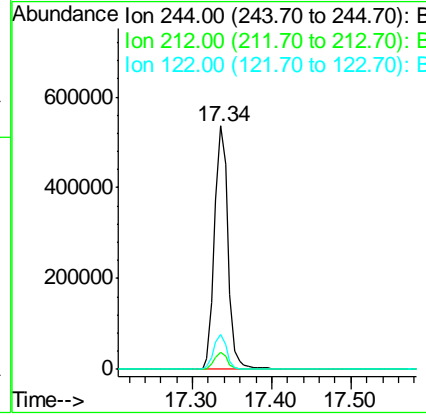
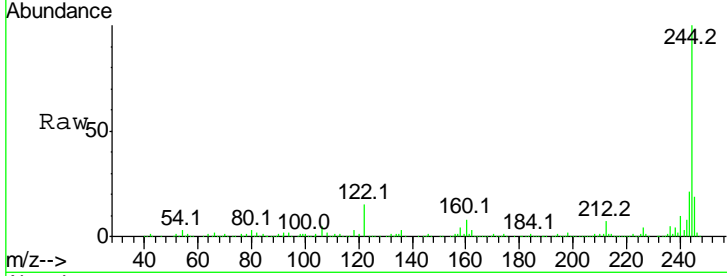




#78
 Terphenyl-d14
 Concen: 76.63 ng
 RT: 17.34 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

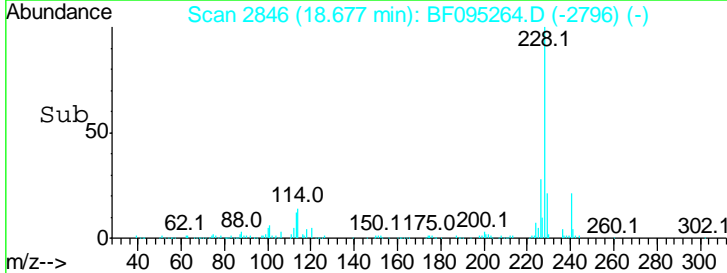
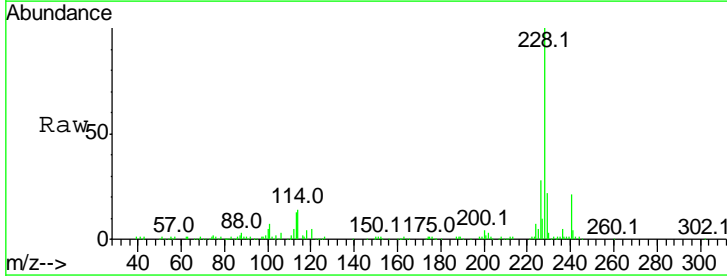
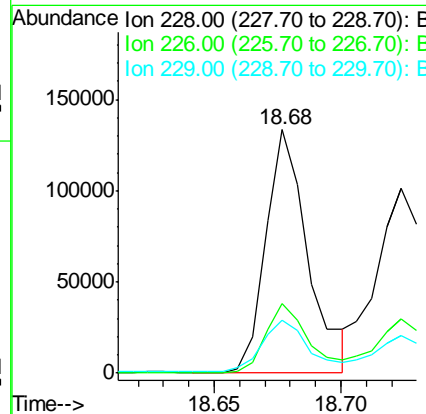
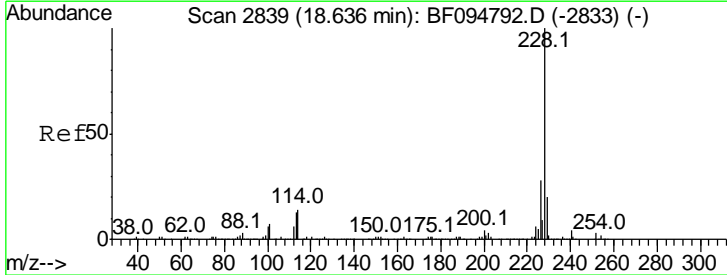
Instrument :
 BNA_F
 ClientSampled :

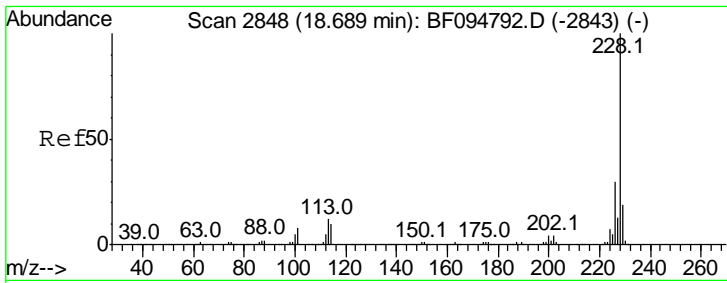
Tgt Ion	Resp	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.5	10.3	15.5



#80
 Benzo(a)anthracene
 Concen: 14.51 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

Tgt Ion	Resp	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	21.8	16.3	24.5

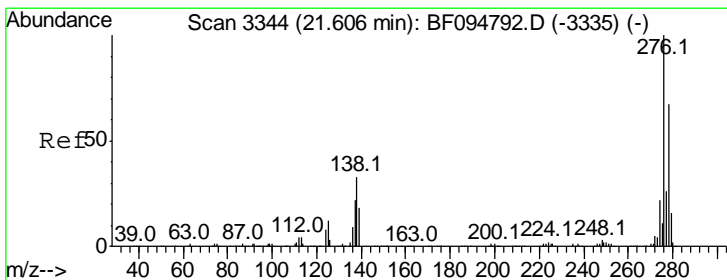
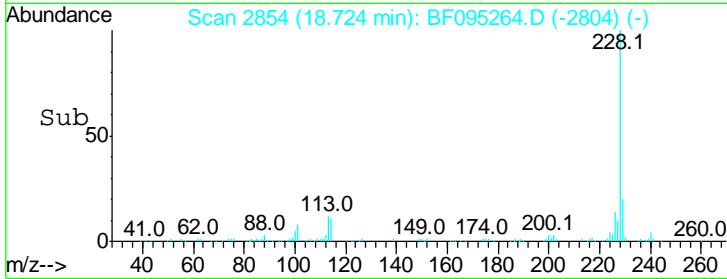
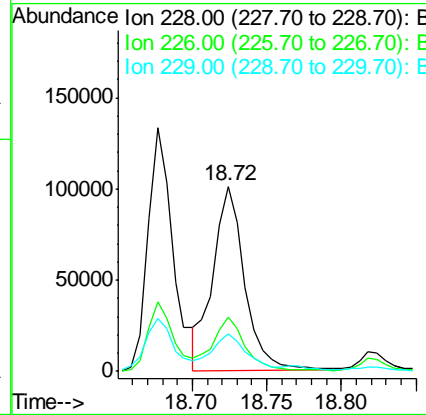
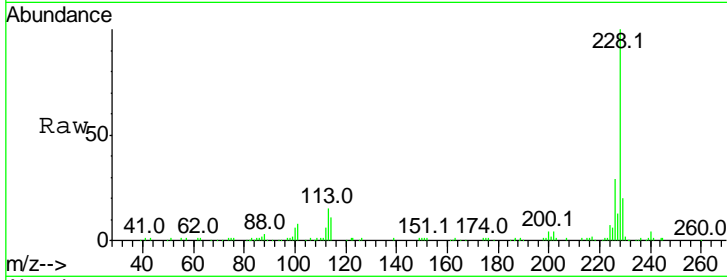




#82
 Chrysene
 Concen: 14.63 ng
 RT: 18.72 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

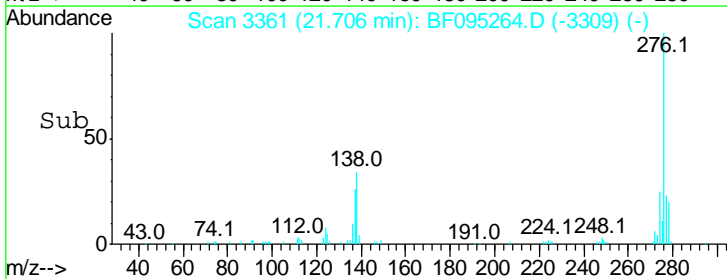
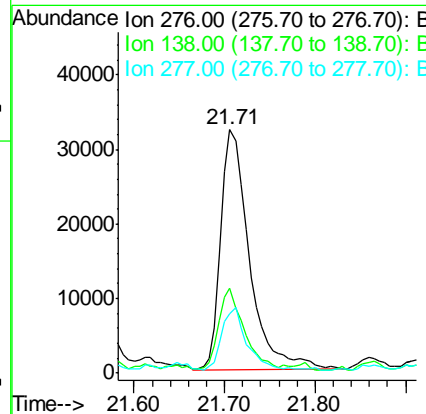
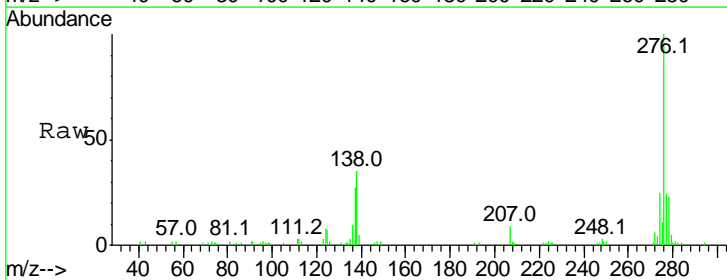
Instrument :
 BNA_F
 ClientSampled :

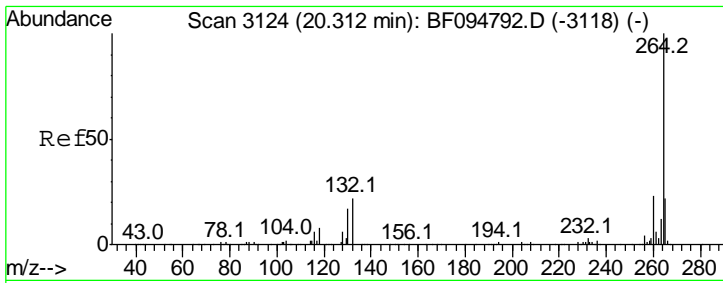
Tgt Ion	Resp	Lower	Upper
228	100		
226	29.0	24.9	37.3
229	20.0	15.8	23.6



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 8.47 ng
 RT: 21.71 min Scan# 3361
 Delta R.T. 0.01 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

Tgt Ion	Resp	Lower	Upper
276	100		
138	31.7	27.8	41.6
277	21.9	20.2	30.4



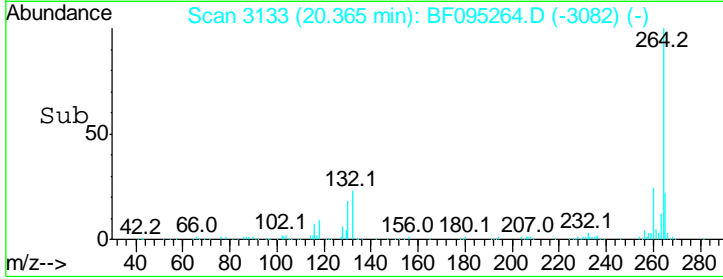
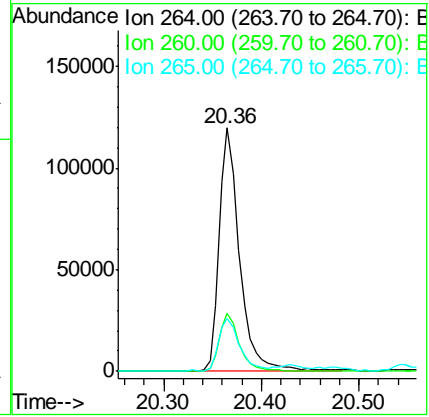
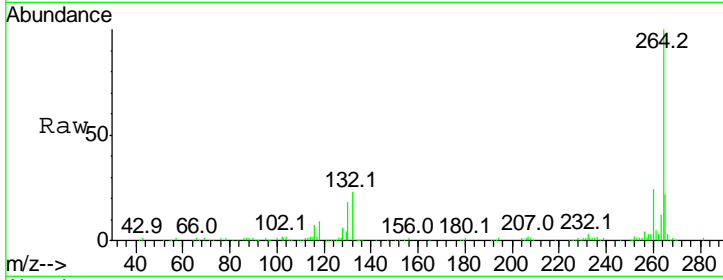


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion: 264 Resp: 174150

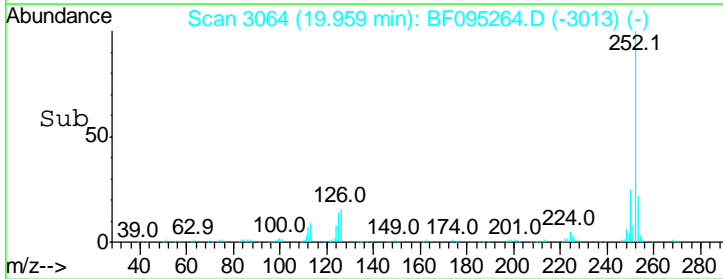
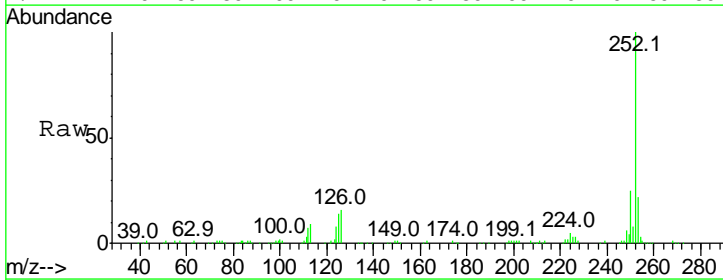
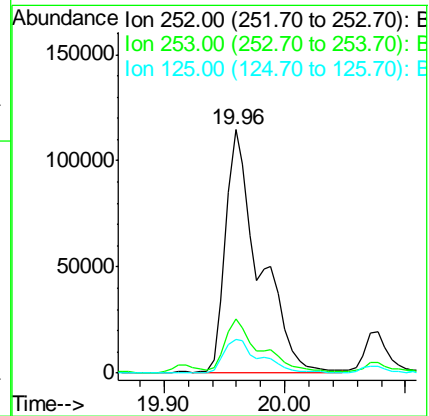
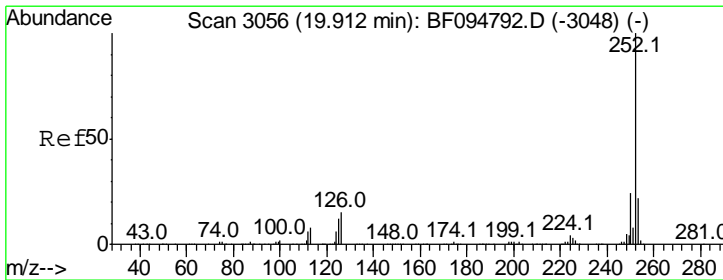
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.8	17.2	25.8

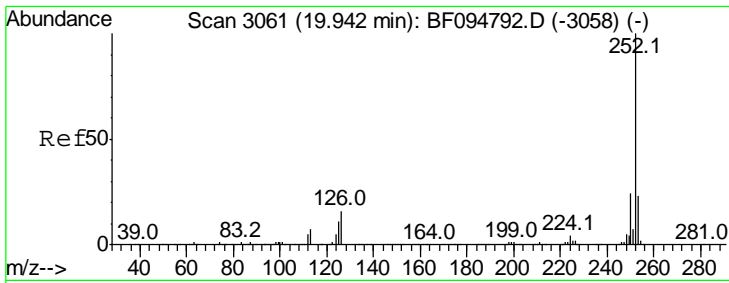


#87
 Benzo(b)fluoranthene
 Concen: 20.45 ng
 RT: 19.96 min Scan# 3064
 Delta R.T. -0.00 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

Tgt Ion: 252 Resp: 220068

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	13.8	9.8	14.8

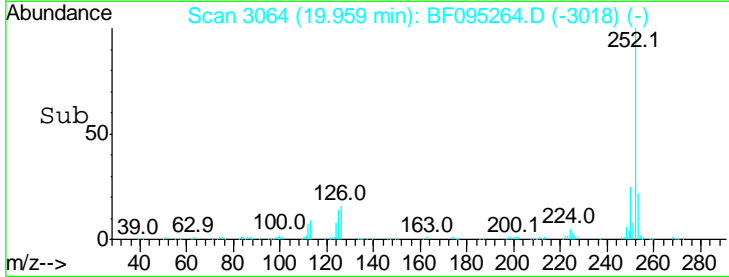
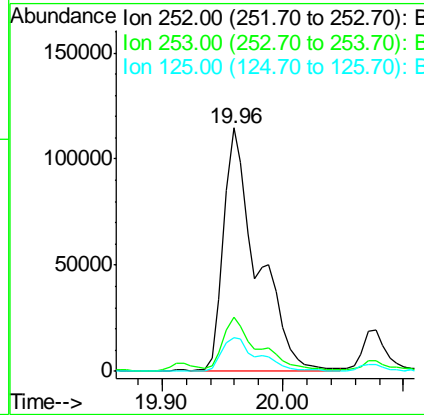
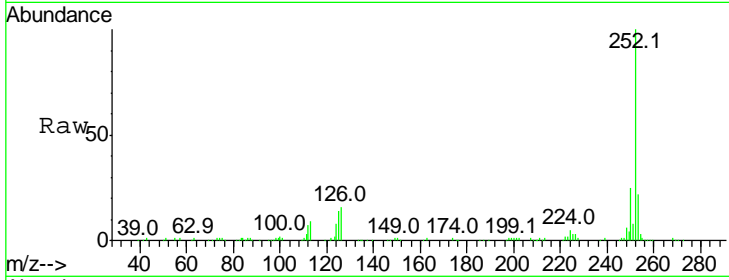




#88
 Benzo(k)fluoranthene
 Concen: 21.20 ng
 RT: 19.96 min Scan# 3064
 Delta R.T. -0.03 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

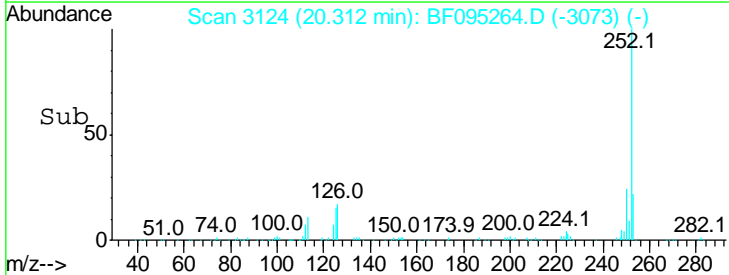
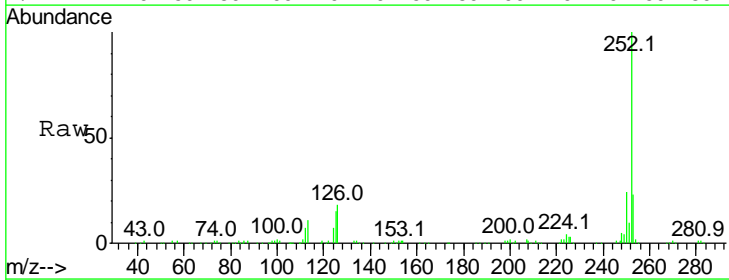
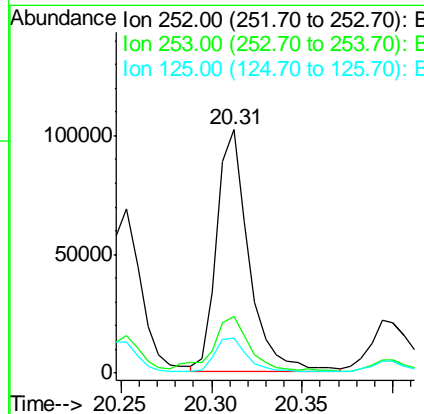
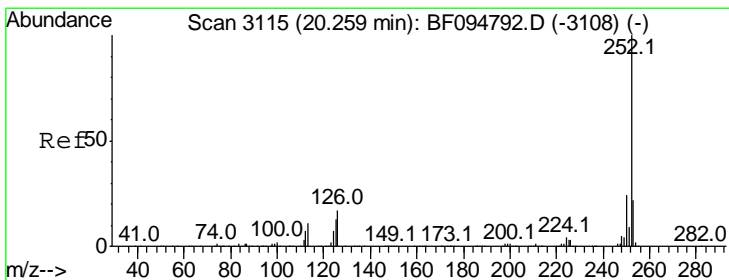
Instrument :
 BNA_F
 ClientSampled :

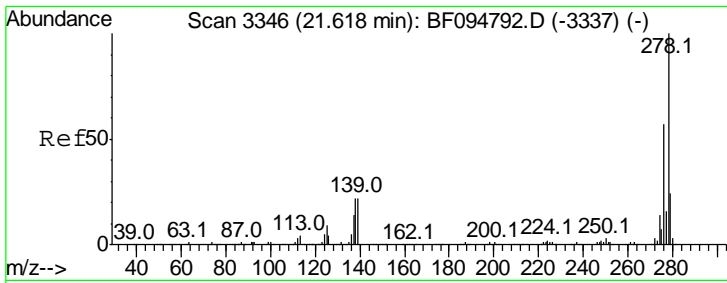
Tgt Ion	Resp	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	13.8	13.1	19.7



#89
 Benzo(a)pyrene
 Concen: 12.58 ng
 RT: 20.31 min Scan# 3124
 Delta R.T. -0.00 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	14.6	11.0	16.4

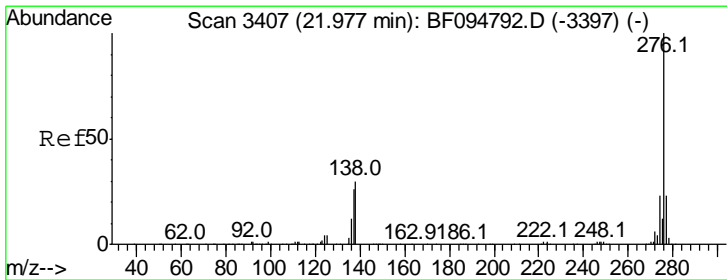
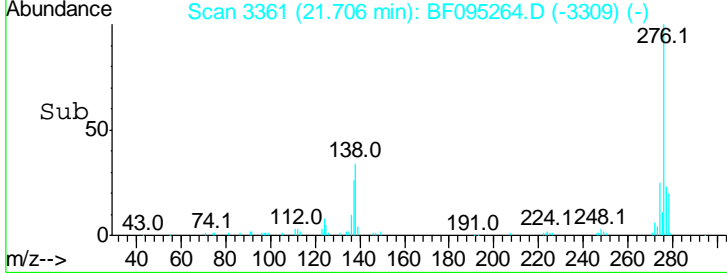
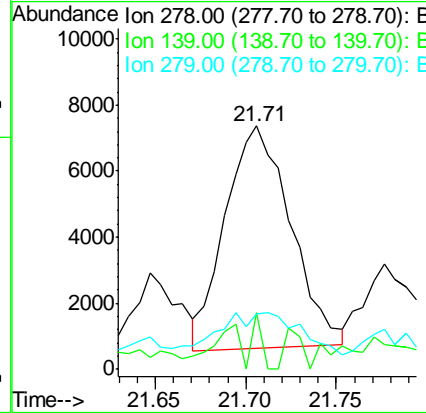
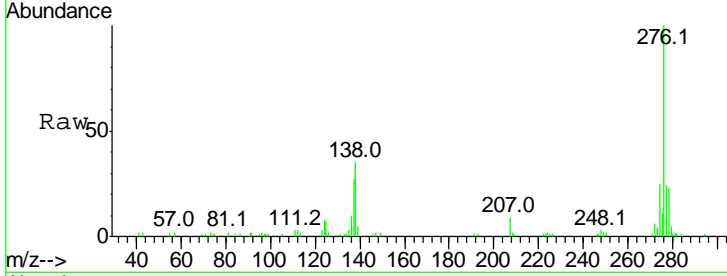




#90
 Dibenzo(a,h)anthracene
 Concen: 2.07 ng
 RT: 21.71 min Scan# 3361
 Delta R.T. 0.01 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
278	100		
139	23.5	16.6	24.8
279	23.0	19.3	28.9



#91
 Benzo(g,h,i)perylene
 Concen: 8.30 ng
 RT: 22.09 min Scan# 3427
 Delta R.T. 0.01 min
 Lab File: BF095264.D
 Acq: 19 May 2017 14:14

Tgt Ion	Resp	Lower	Upper
276	100		
277	25.2	18.6	28.0
138	30.1	25.4	38.0

