

Data Path : Z:\HPCHEM1\BNA F\Data\BF051817\
 Data File : BF095255.D
 Acq On : 19 May 2017 9:25
 Operator : SJ/MA
 Sample : I3186-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 11:40:07 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

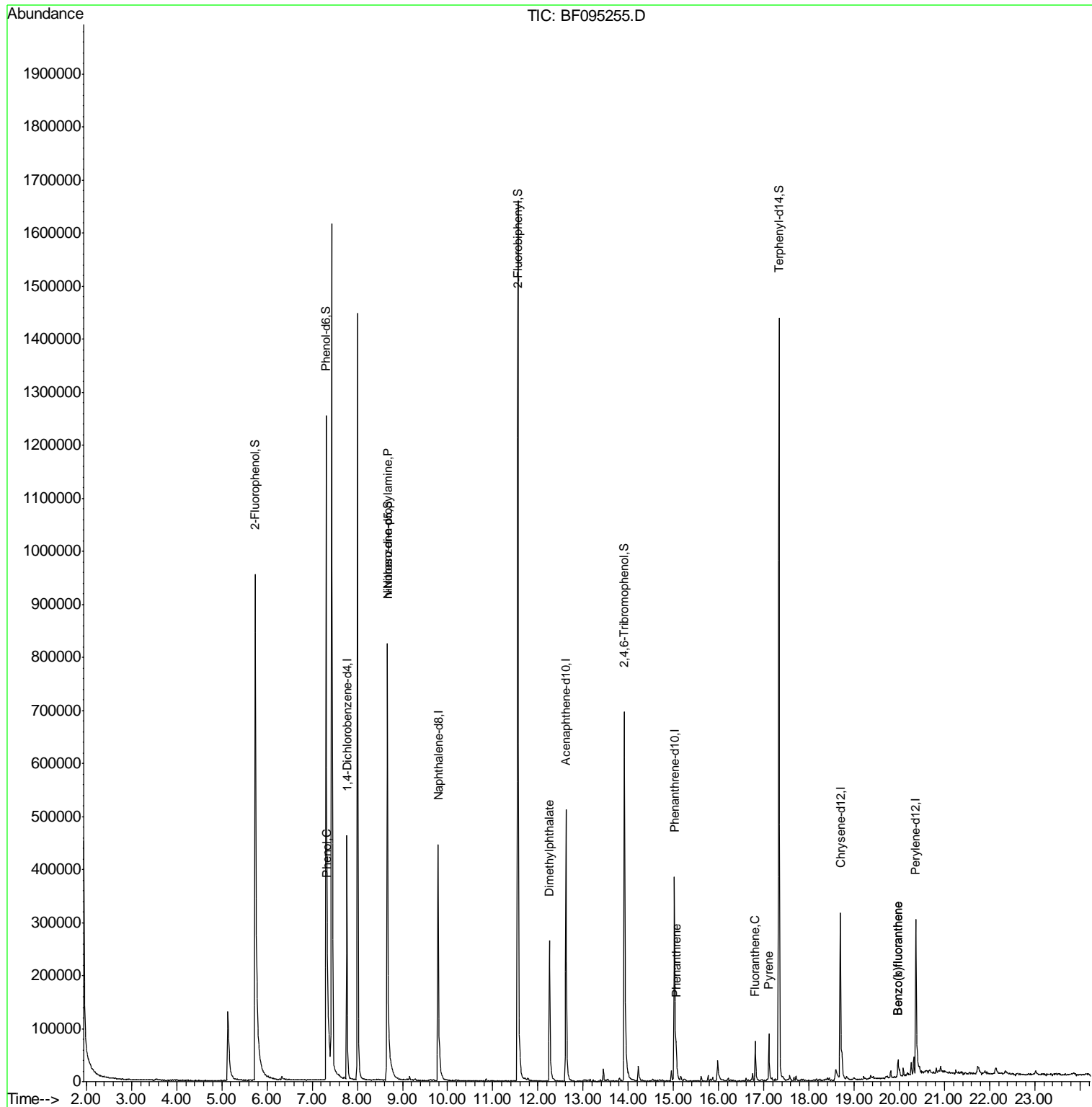
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	107829	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	422328	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	166213	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	272065	20.00	ng	0.00
75) Chrysene-d12	18.69	240	174405	20.00	ng	0.00
86) Perylene-d12	20.37	264	166556	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	686431	106.13	ng	0.00
7) Phenol-d6	7.31	99	873654	112.58	ng	0.00
23) Nitrobenzene-d5	8.67	82	491704	73.42	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	151915	111.60	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	844956	73.17	ng	0.00
78) Terphenyl-d14	17.34	244	588654	74.34	ng	-0.01
Target Compounds						
10) Phenol	7.34	94	17525	2.14	ng	# 61
19) n-Nitroso-di-n-propylamine	8.67	70	58832	11.21	ng	# 76
49) Dimethylphthalate	12.25	163	217591	15.95	ng	99
70) Phenanthrene	15.07	178	34322	2.20	ng	96
74) Fluoranthene	16.81	202	53098	3.31	ng	97
77) Pyrene	17.11	202	48017	3.68	ng	96
87) Benzo(b)fluoranthene	19.97	252	29915	2.91	ng	# 93
88) Benzo(k)fluoranthene	19.97	252	29915	3.01	ng	94

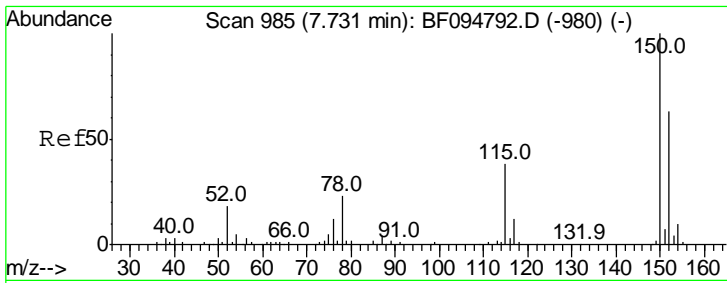
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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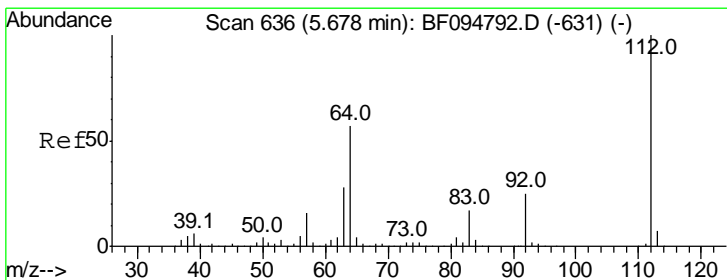
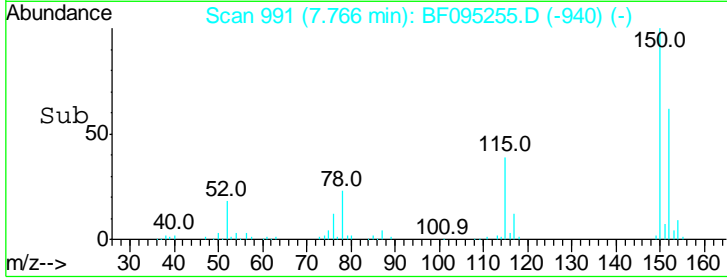
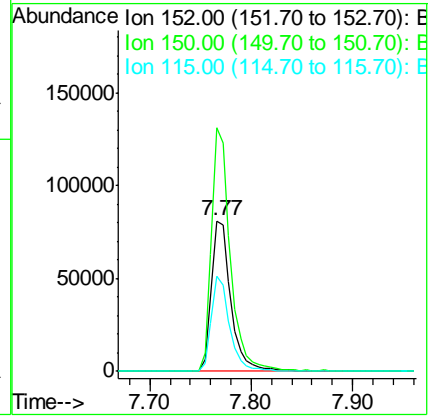
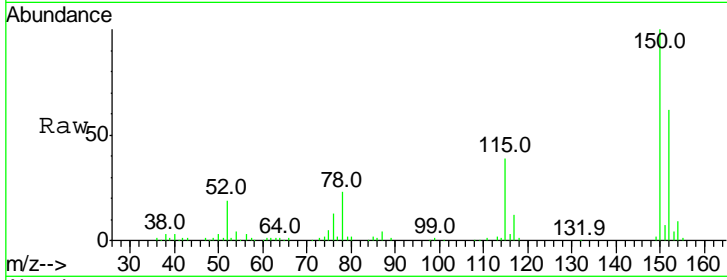




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.77 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF095255.D
 Acq: 19 May 2017 9:25

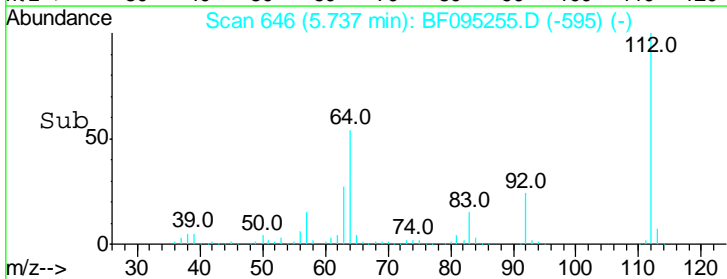
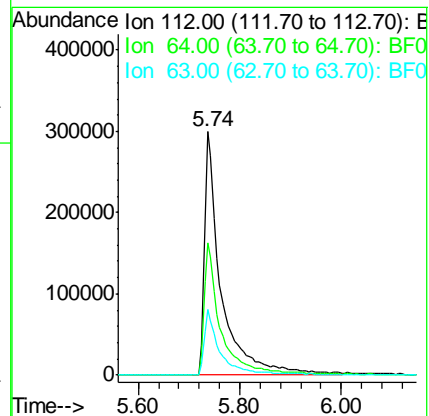
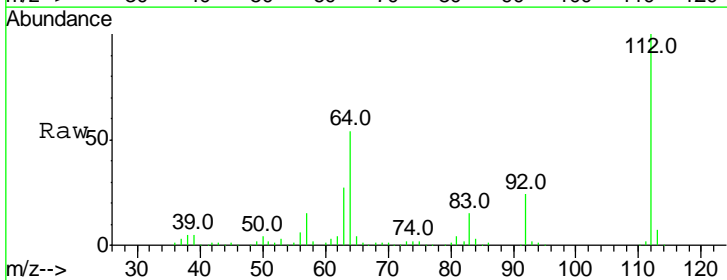
Instrument :
 BNA_F
 ClientSampled :

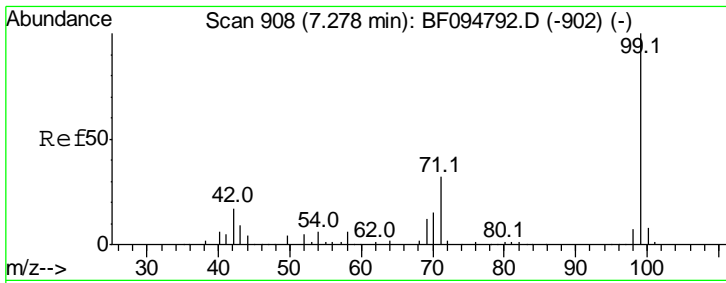
Tgt Ion	Resp	Lower	Upper
152	107829		
150	162.0	126.2	189.2
115	63.0	52.2	78.2



#5
 2-Fluorophenol
 Concen: 106.13 ng
 RT: 5.74 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF095255.D
 Acq: 19 May 2017 9:25

Tgt Ion	Resp	Lower	Upper
112	686431		
64	54.2	46.0	69.0
63	26.9	23.4	35.0

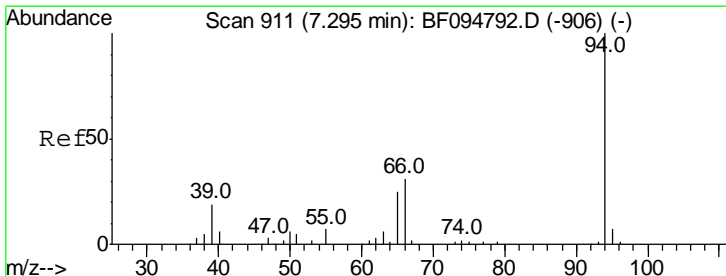
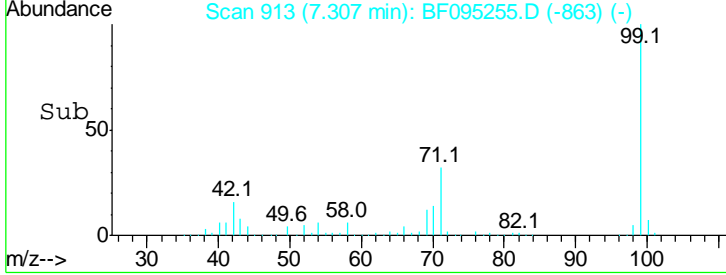
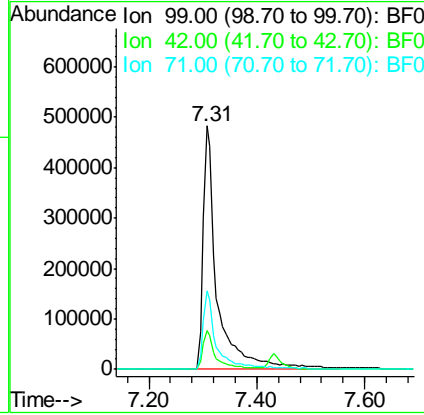
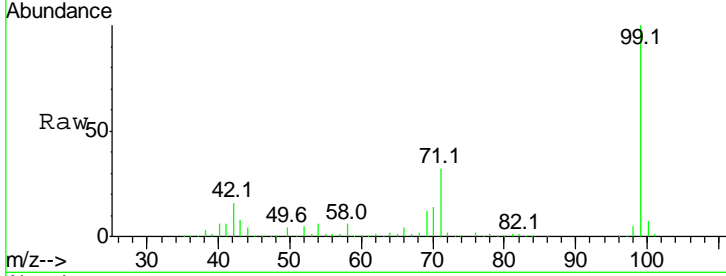




#7
 Phenol-d6
 Concen: 112.58 ng
 RT: 7.31 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF095255.D
 Acq: 19 May 2017 9:25

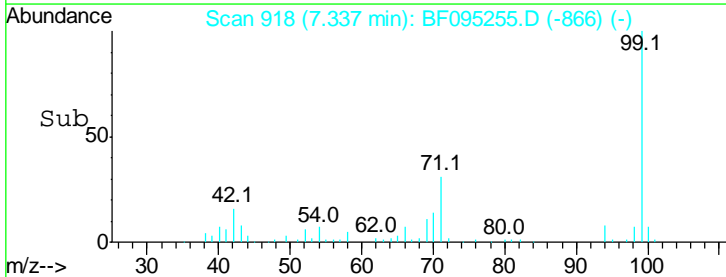
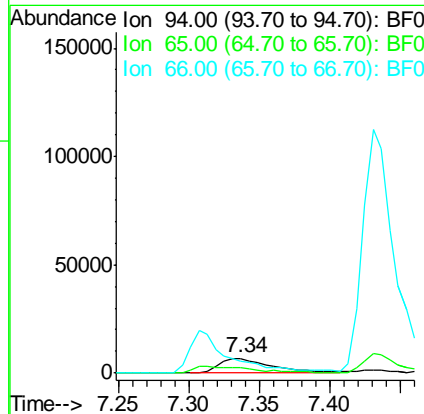
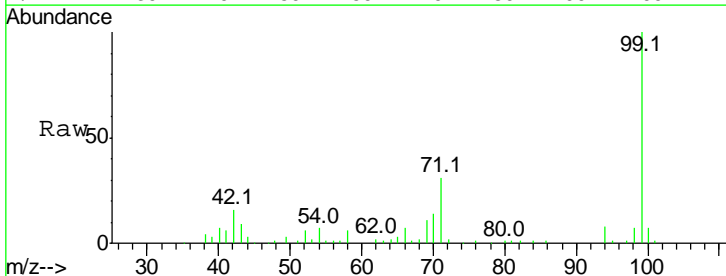
Instrument :
 BNA_F
 ClientSampled :

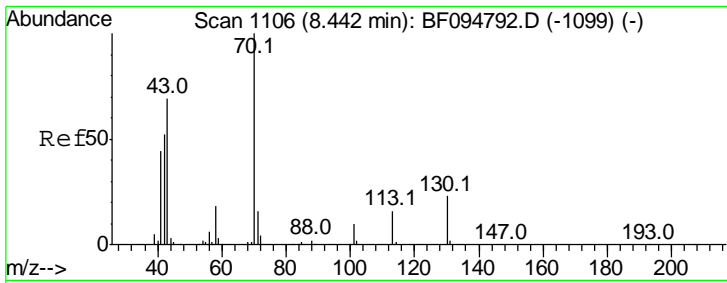
Tgt Ion	Resp	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	32.2	24.5	36.7



#10
 Phenol
 Concen: 2.14 ng
 RT: 7.34 min Scan# 918
 Delta R.T. 0.01 min
 Lab File: BF095255.D
 Acq: 19 May 2017 9:25

Tgt Ion	Resp	Lower	Upper
94	100		
65	33.2	9.9	49.9
66	83.1	23.1	63.1#

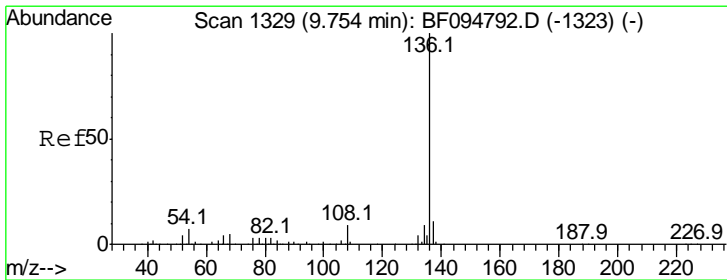
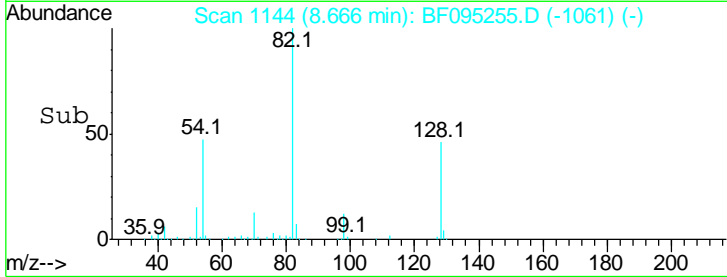
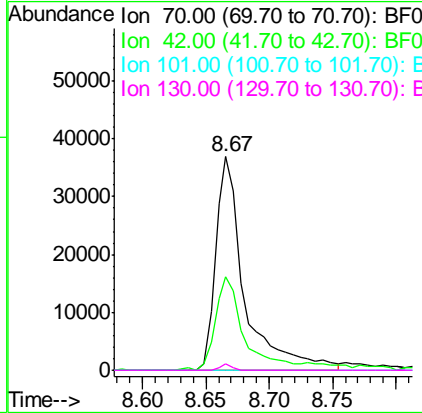
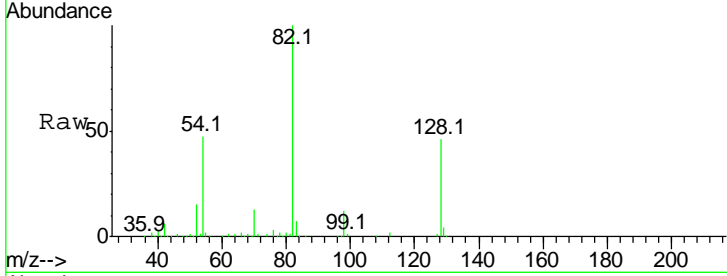




#19
 n-Nitroso-di-n-propylamine
 Concen: 11.21 ng
 RT: 8.67 min Scan# 1144
 Delta R.T. 0.19 min
 Lab File: BF095255.D
 Acq: 19 May 2017 9:25

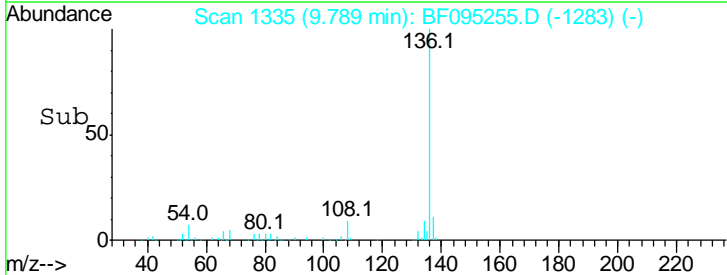
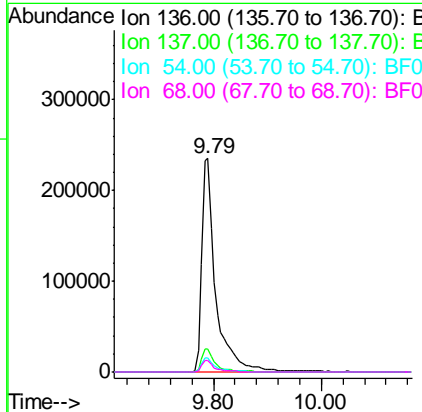
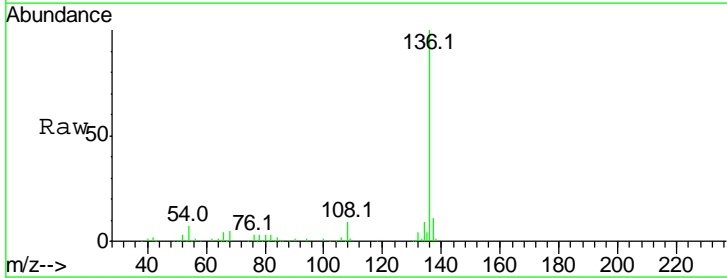
Instrument :
 BNA_F
 ClientSampled :

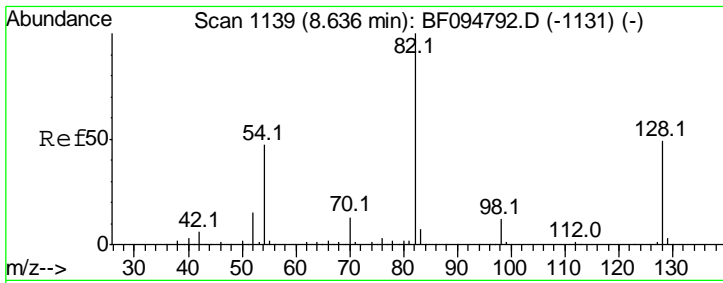
Tgt Ion	Resp	Lower	Upper
70	58832		
42	44.0	47.2	70.8#
101	0.0	7.2	10.8#
130	3.1	15.9	23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 9.79 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF095255.D
 Acq: 19 May 2017 9:25

Tgt Ion	Resp	Lower	Upper
136	422328		
137	10.6	8.5	12.7
54	6.7	4.9	7.3
68	5.2	4.1	6.1

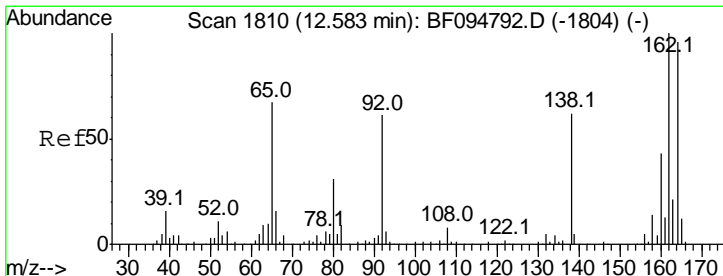
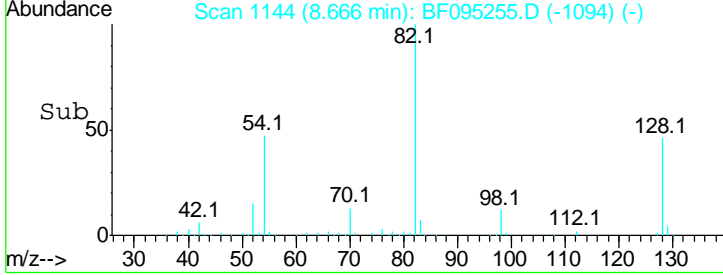
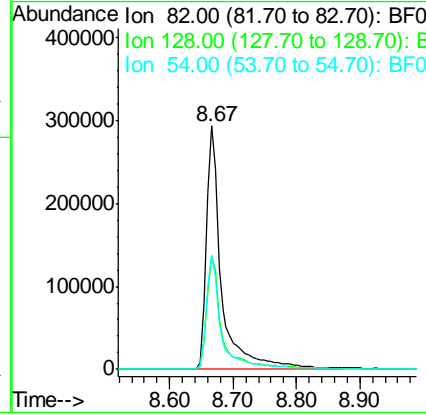
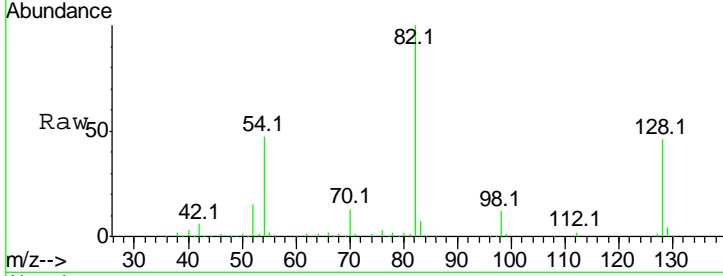




#23
 Nitrobenzene-d5
 Concen: 73.42 ng
 RT: 8.67 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF095255.D
 Acq: 19 May 2017 9:25

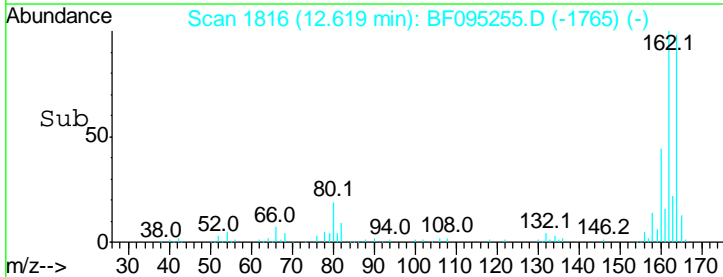
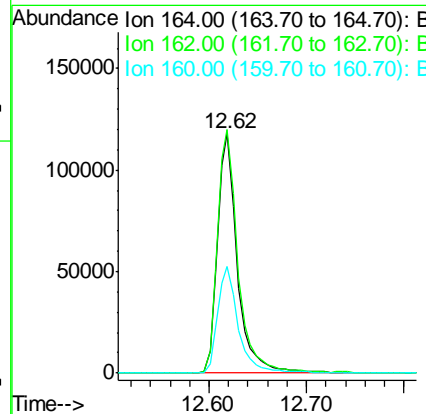
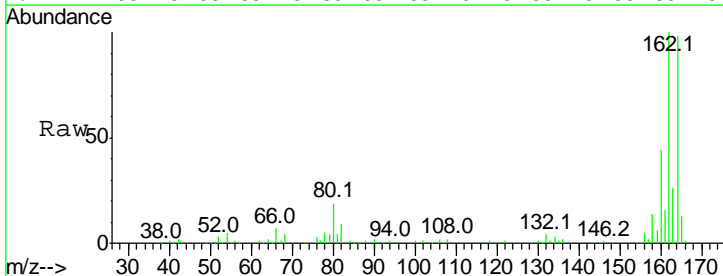
Instrument :
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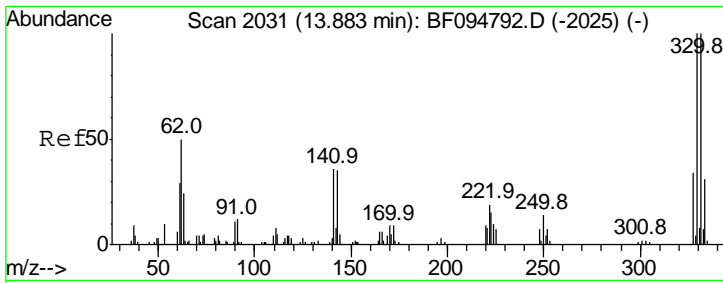
Tgt Ion	Resp	Lower	Upper
82	100		
128	46.3	34.0	51.0
54	46.9	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BF095255.D
 Acq: 19 May 2017 9:25

Tgt Ion	Resp	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	44.2	36.2	54.2

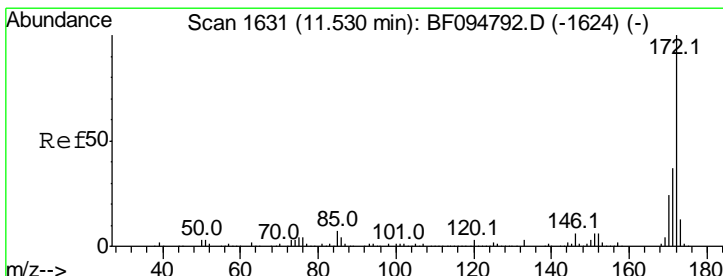
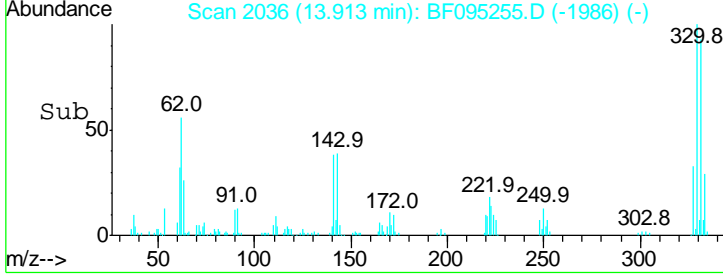
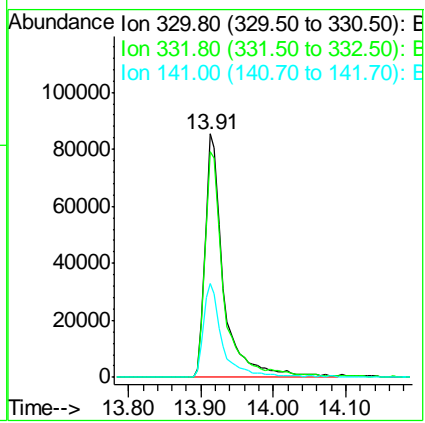
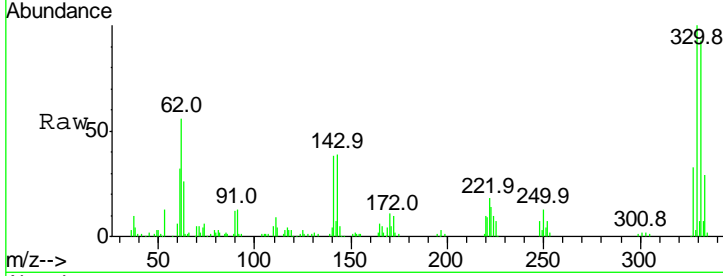




#41
 2,4,6-Tribromophenol
 Concen: 111.60 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095255.D
 Acq: 19 May 2017 9:25

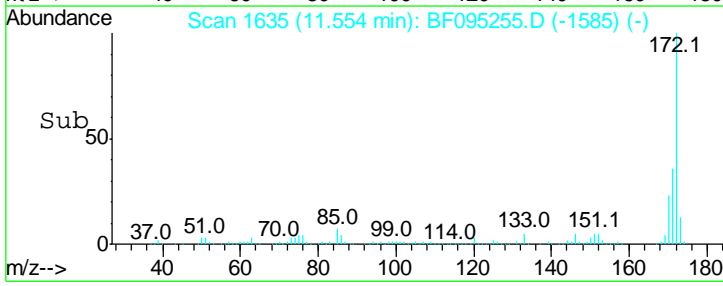
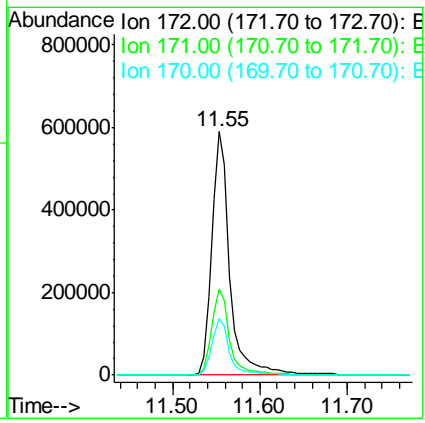
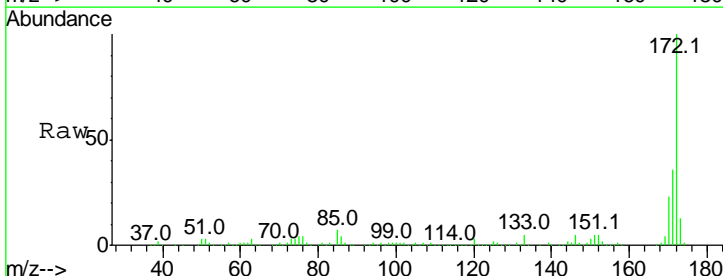
Instrument :
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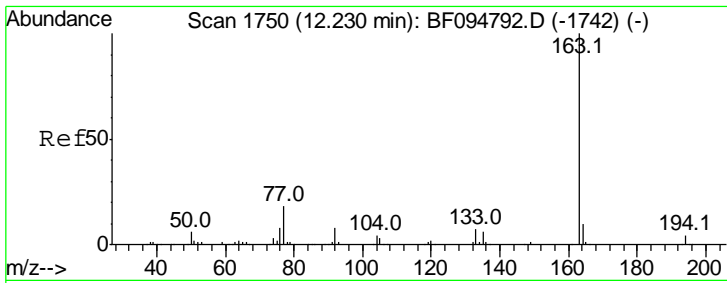
Tgt Ion	Resp	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	38.8	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 73.17 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095255.D
 Acq: 19 May 2017 9:25

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.3	19.8	29.8



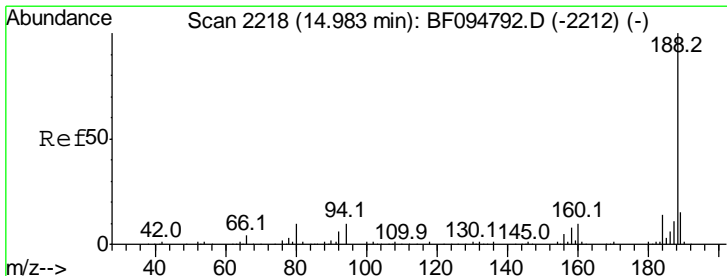
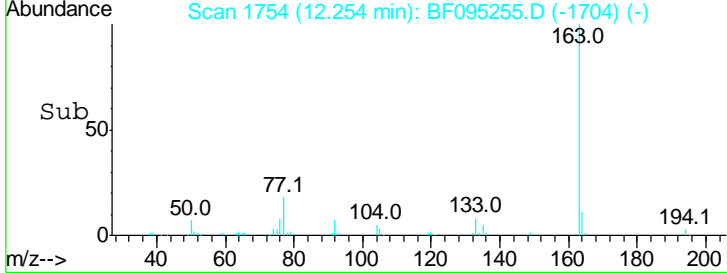
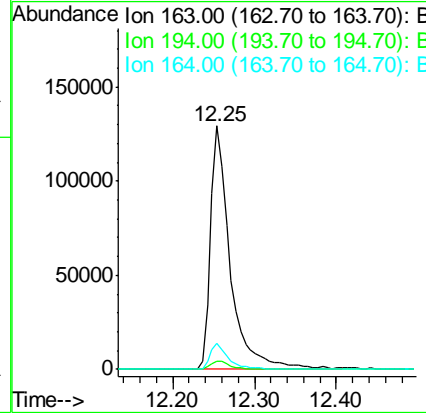
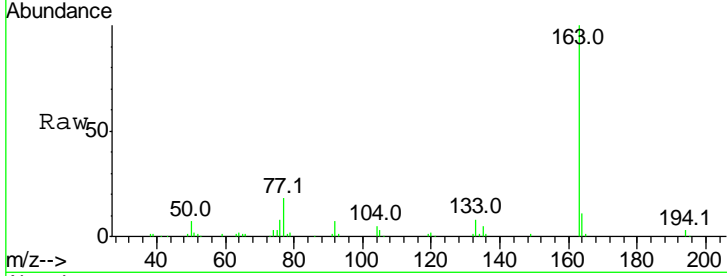


#49
 Dimethylphthalate
 Concen: 15.95 ng
 RT: 12.25 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BF095255.D
 Acq: 19 May 2017 9:25

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:163 Resp: 217591

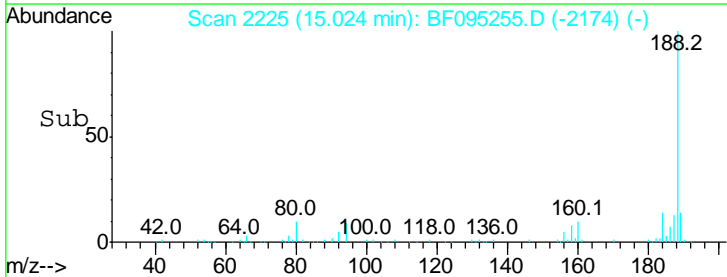
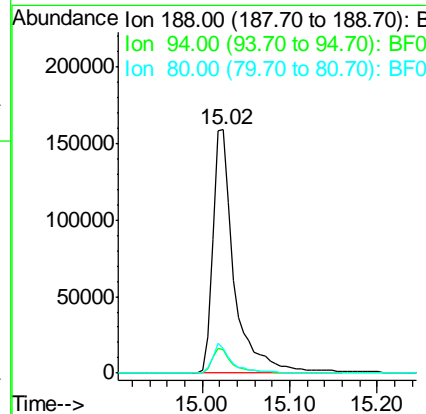
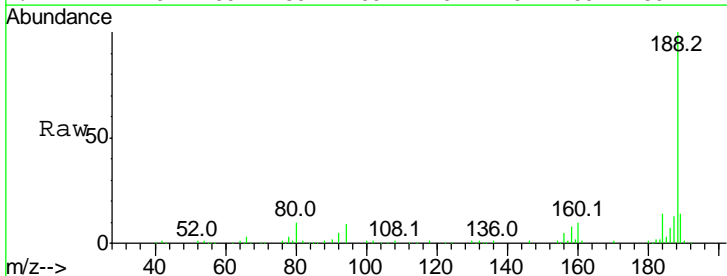
Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.8	8.4	12.6

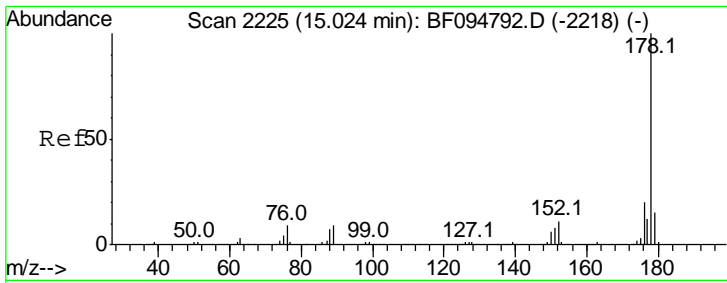


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF095255.D
 Acq: 19 May 2017 9:25

Tgt Ion:188 Resp: 272065

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	10.1	10.2	15.2#

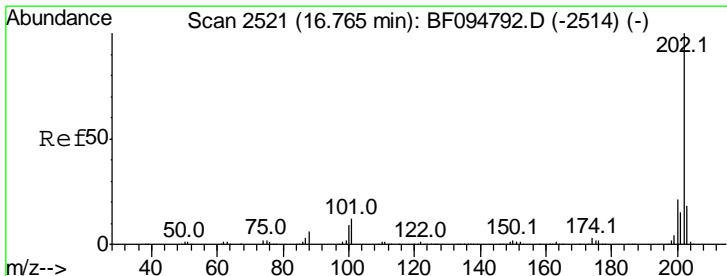
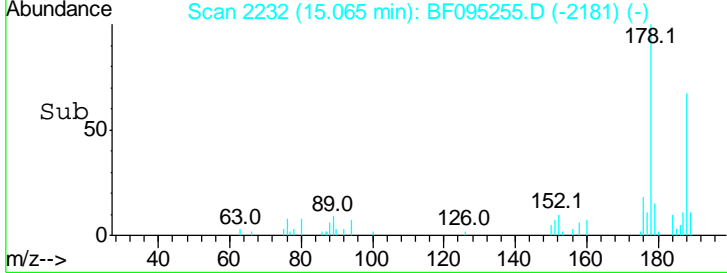
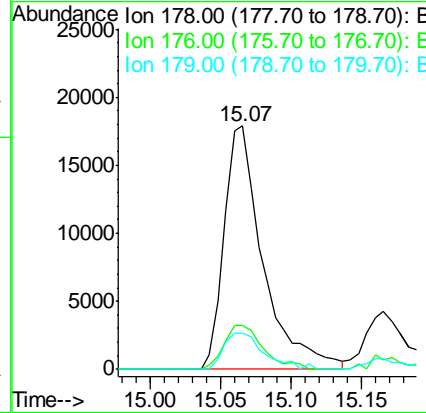
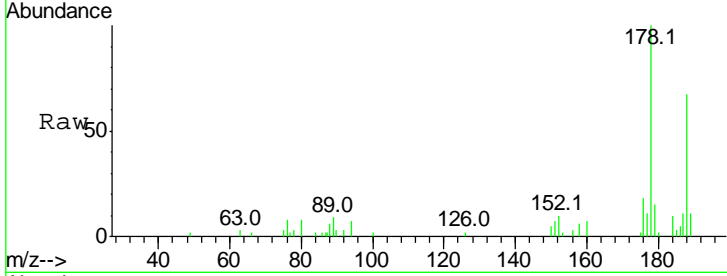




#70
 Phenanthrene
 Concen: 2.20 ng
 RT: 15.07 min Scan# 2232
 Delta R.T. 0.00 min
 Lab File: BF095255.D
 Acq: 19 May 2017 9:25

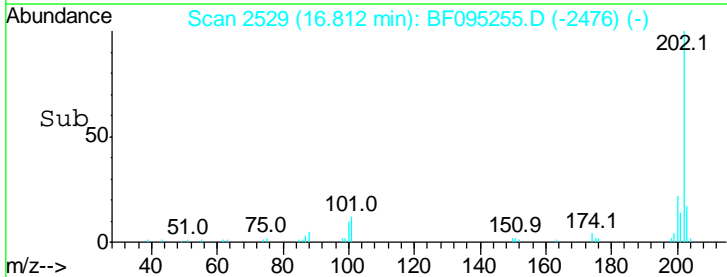
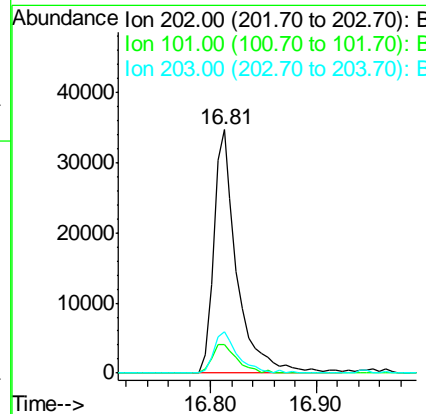
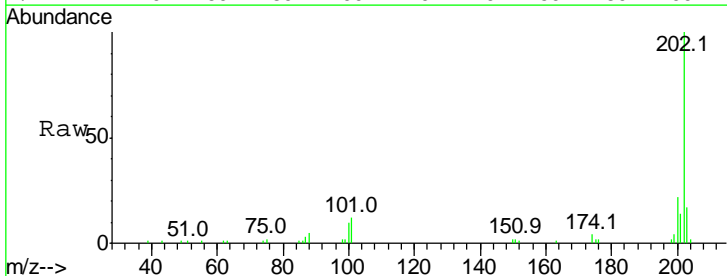
Instrument :
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 ClientSampled :

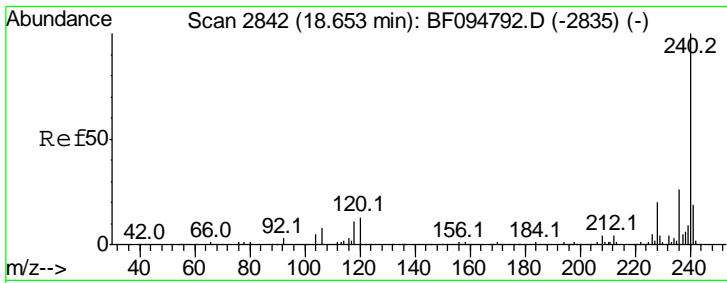
Tgt Ion	Resp	Lower	Upper
178	100		
176	18.1	16.2	24.4
179	14.9	12.6	19.0



#74
 Fluoranthene
 Concen: 3.31 ng
 RT: 16.81 min Scan# 2529
 Delta R.T. 0.01 min
 Lab File: BF095255.D
 Acq: 19 May 2017 9:25

Tgt Ion	Resp	Lower	Upper
202	100		
101	12.0	0.0	33.2
203	17.0	0.0	38.1

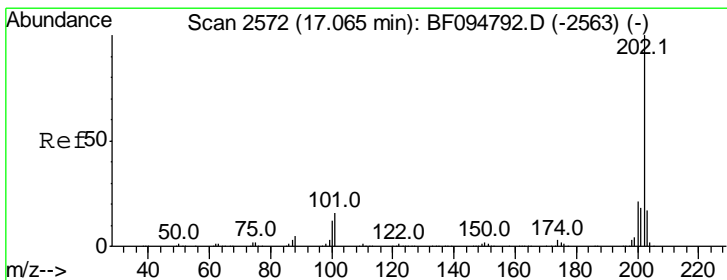
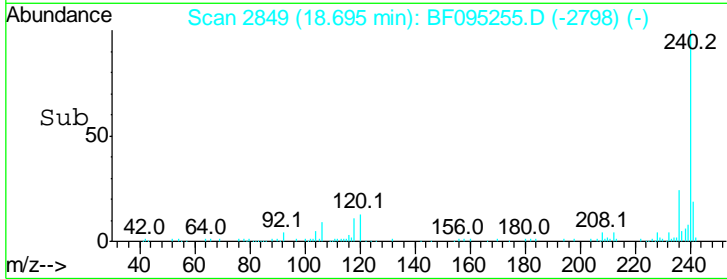
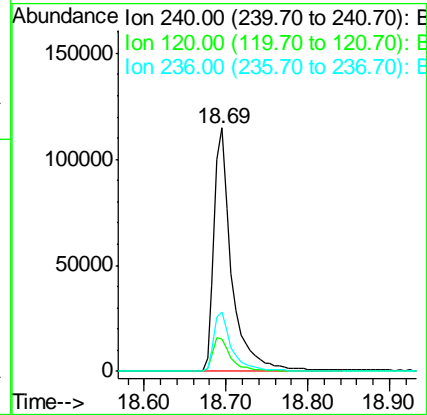
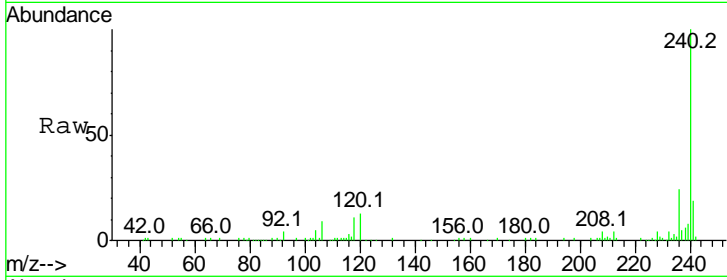




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.00 min
 Lab File: BF095255.D
 Acq: 19 May 2017 9:25

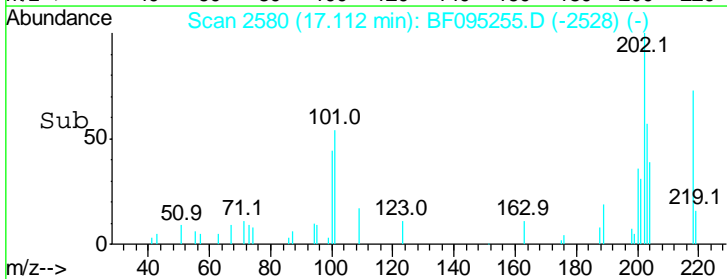
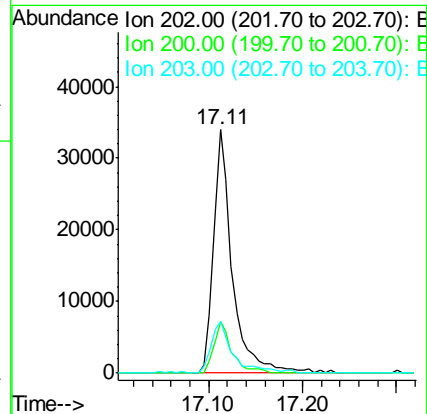
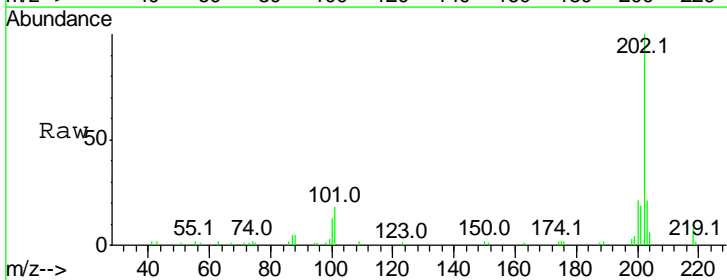
Instrument :
 BNA_F
 ClientSampled :

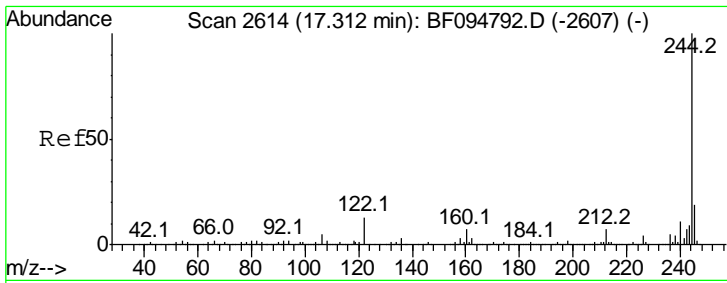
Tgt Ion	Resp	Lower	Upper
240	174405		
120	13.4	5.8	8.8#
236	24.2	20.5	30.7



#77
 Pyrene
 Concen: 3.68 ng
 RT: 17.11 min Scan# 2580
 Delta R.T. 0.01 min
 Lab File: BF095255.D
 Acq: 19 May 2017 9:25

Tgt Ion	Resp	Lower	Upper
202	48017		
200	21.3	17.6	26.4
203	21.1	14.4	21.6

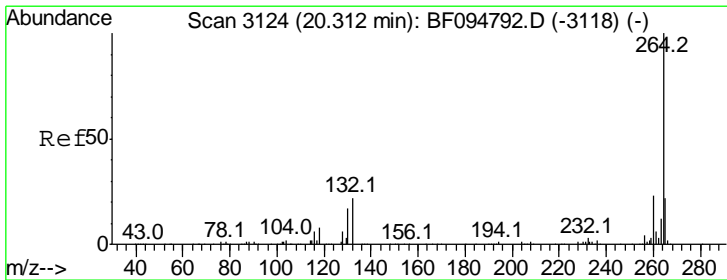
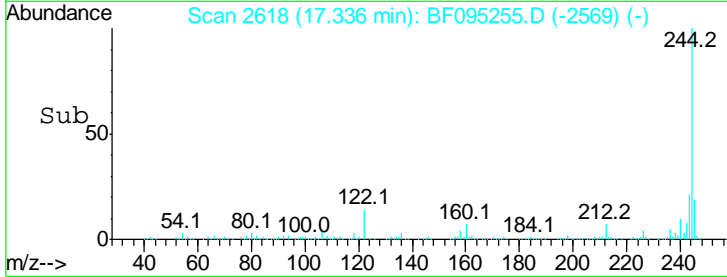
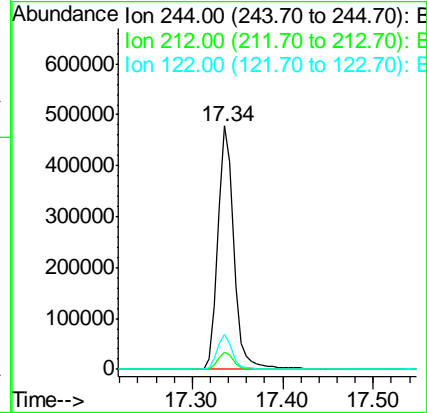
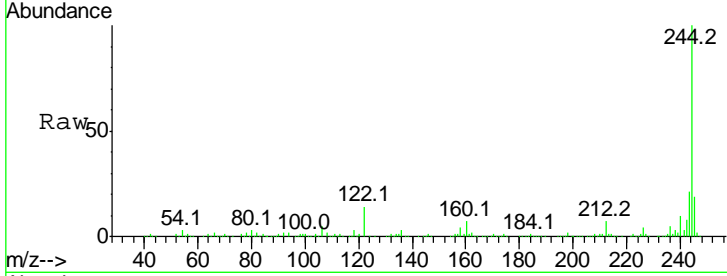




#78
 Terphenyl-d14
 Concen: 74.34 ng
 RT: 17.34 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BF095255.D
 Acq: 19 May 2017 9:25

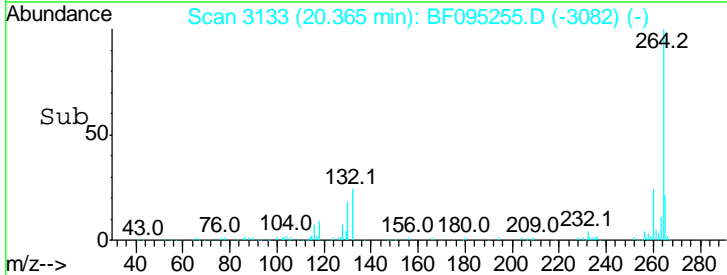
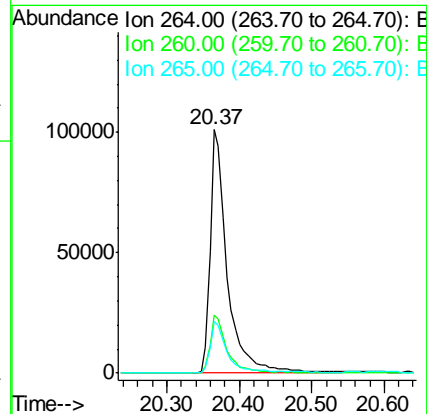
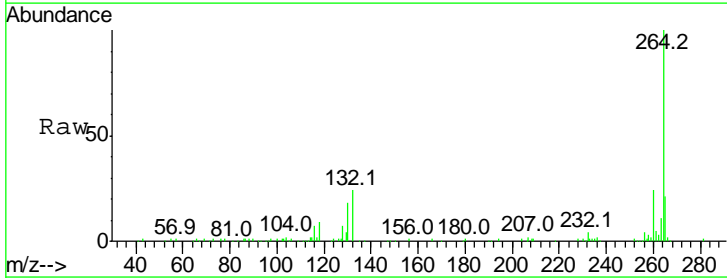
Instrument :
 BNA_F
 ClientSampled :

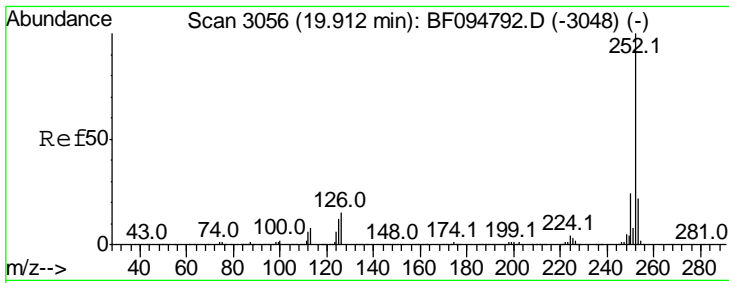
Tgt Ion	Resp	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.4	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095255.D
 Acq: 19 May 2017 9:25

Tgt Ion	Resp	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.3	17.2	25.8

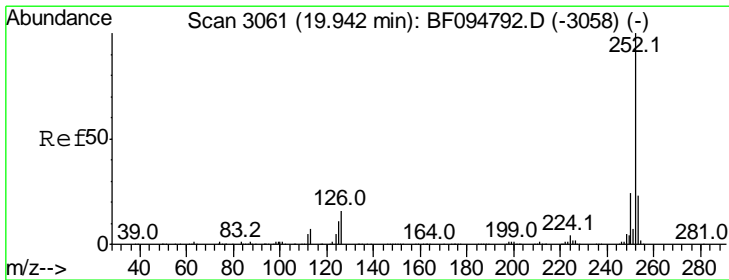
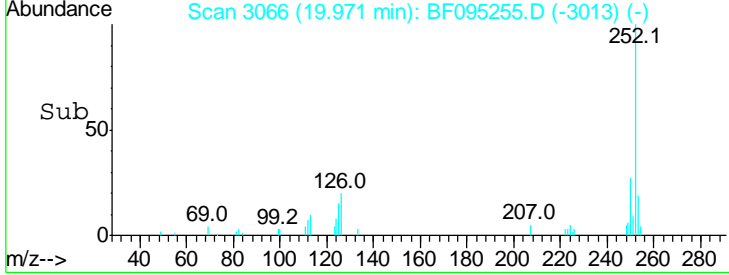
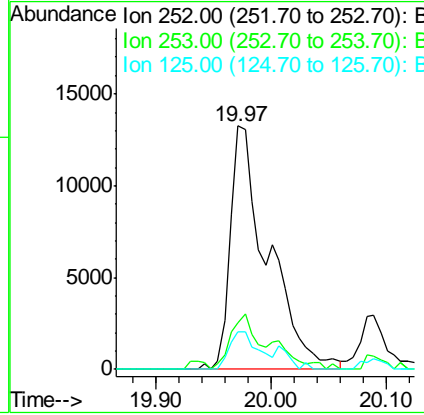
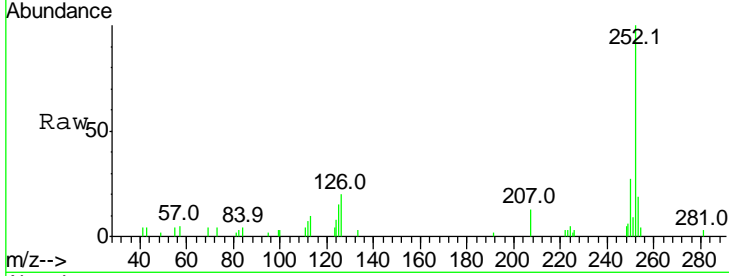




#87
 Benzo(b)fluoranthene
 Concen: 2.91 ng
 RT: 19.97 min Scan# 3066
 Delta R.T. 0.01 min
 Lab File: BF095255.D
 Acq: 19 May 2017 9:25

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
252	100		
253	19.3	18.1	27.1
125	15.2	9.8	14.8#



#88
 Benzo(k)fluoranthene
 Concen: 3.01 ng
 RT: 19.97 min Scan# 3066
 Delta R.T. -0.02 min
 Lab File: BF095255.D
 Acq: 19 May 2017 9:25

Tgt Ion	Resp	Lower	Upper
252	100		
253	19.3	18.4	27.6
125	15.2	13.1	19.7

