

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
 Data File : BF096573.D
 Acq On : 7 Jul 2017 21:48
 Operator : SJ/MA
 Sample : I4063-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
ClientSampleId :
 NB-01-070517-C

Manual Integrations
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Quant Time: Jul 08 00:49:42 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	113641	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	506989	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	219342	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	348204	20.00	ng	0.00
75) Chrysene-d12	13.83	240	237865	20.00	ng	-0.01
86) Perylene-d12	15.23	264	238709	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	732908	95.19	ng	0.00
7) Phenol-d6	6.33	99	914994	96.67	ng	-0.01
23) Nitrobenzene-d5	7.26	82	563259	66.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	177782	103.76	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	971197	75.70	ng	0.00
78) Terphenyl-d14	12.79	244	662769	59.54	ng	0.00
Target Compounds						
10) Phenol	6.35	94	32390	3.004	ng	94
49) Dimethylphthalate	9.45	163	133321	8.142	ng	98
70) Phenanthrene	11.23	178	50430	2.679	ng	97
74) Fluoranthene	12.41	202	100620	5.452	ng	99
77) Pyrene	12.63	202	98894	5.180	ng	98
80) Benzo(a)anthracene	13.82	228	40161	2.916	ng	97
82) Chrysene	13.86	228	45956	3.186	ng	97
85) Indeno(1,2,3-cd)pyrene	16.57	276	24359	2.139	ng	96
87) Benzo(b)fluoranthene	14.84	252	56051m	3.747	ng	
89) Benzo(a)pyrene	15.17	252	42399	3.175	ng	# 95
91) Benzo(g,h,i)perylene	16.97	276	26017	2.390	ng	98

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

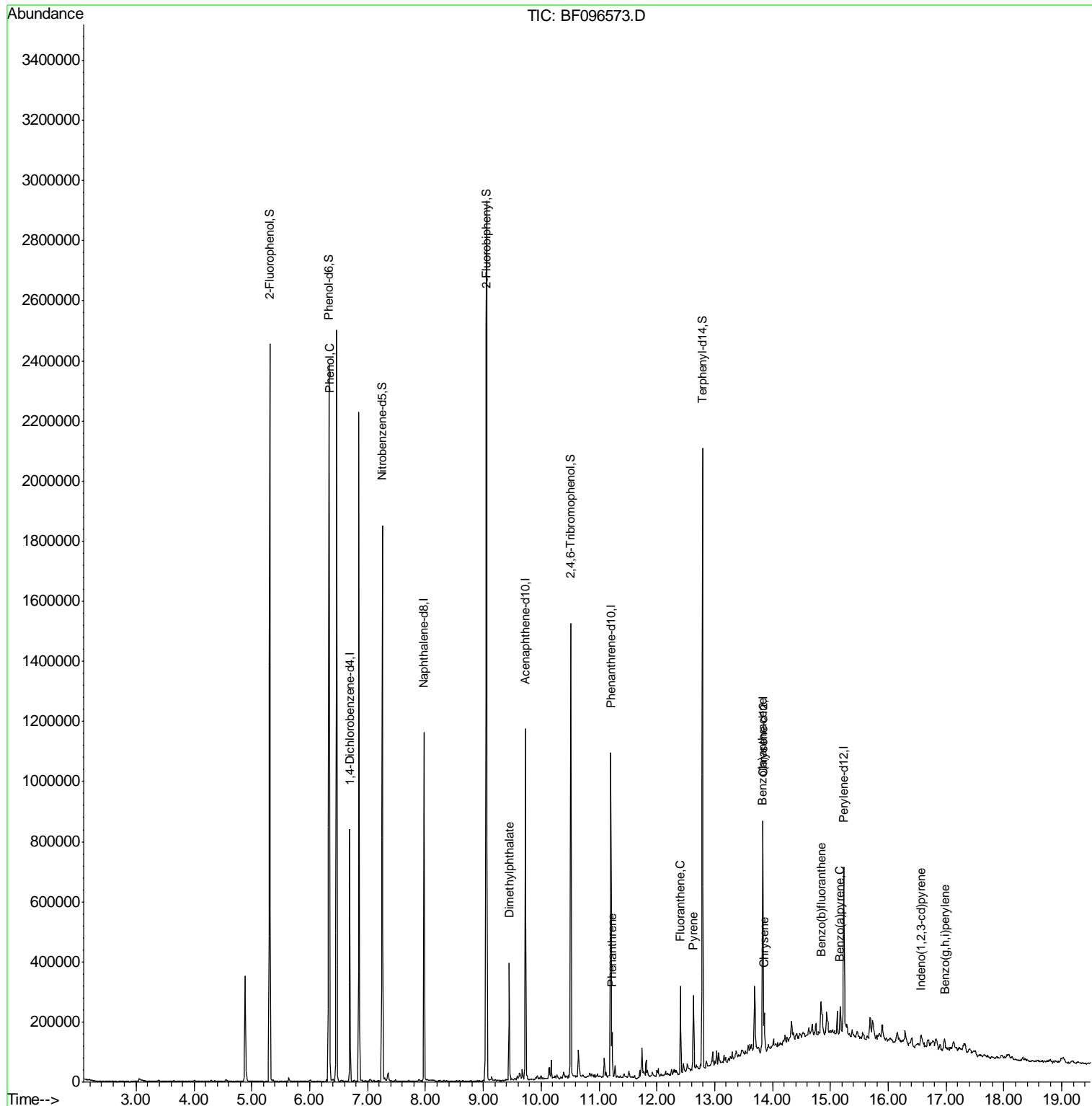
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
 Data File : BF096573.D
 Acq On : 7 Jul 2017 21:48
 Operator : SJ/MA
 Sample : I4063-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

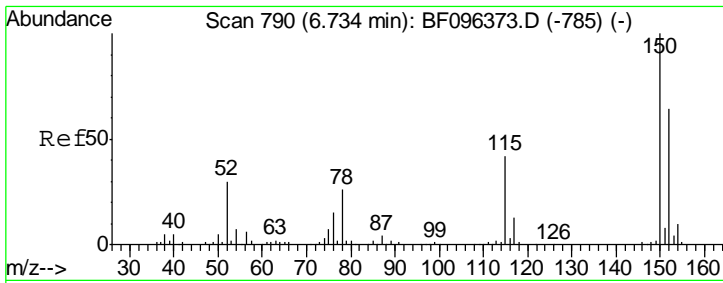
Instrument :
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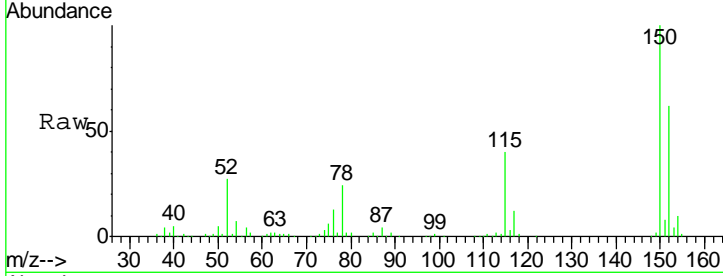
Quant Time: Jul 08 00:49:42 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF096573.D
 Acq: 7 Jul 2017 21:48

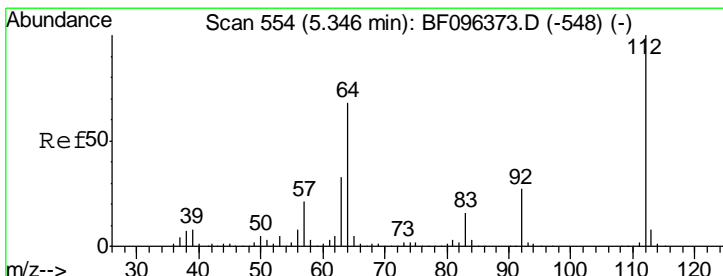
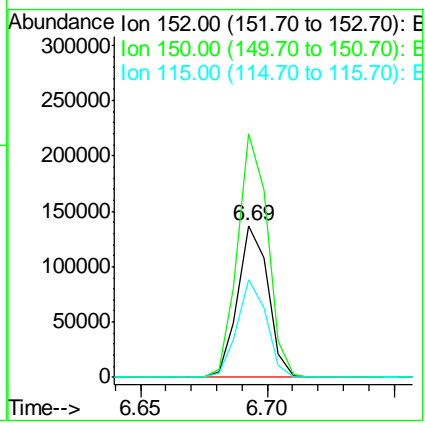
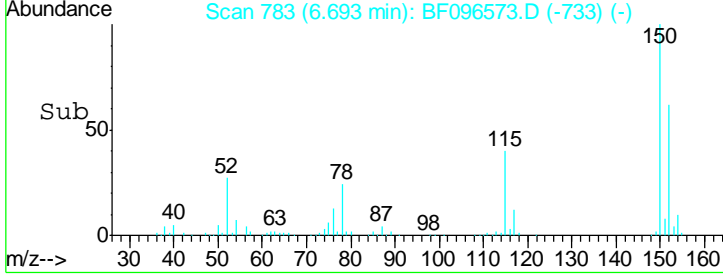
Instrument :
 BNA_F
ClientSampleId :
 NB-01-070517-C



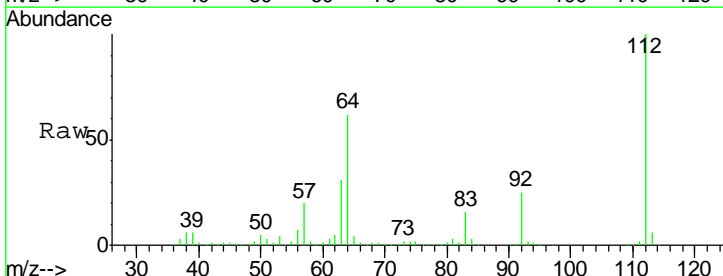
Tgt Ion:152 Resp: 113641

Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.2	189.2
115	64.7	52.2	78.2

Manual Integrations
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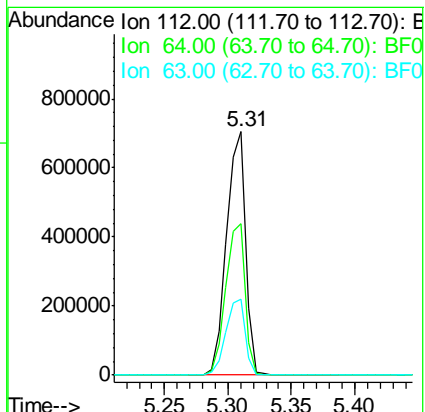
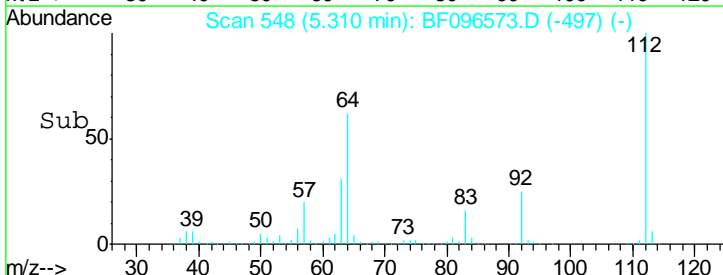


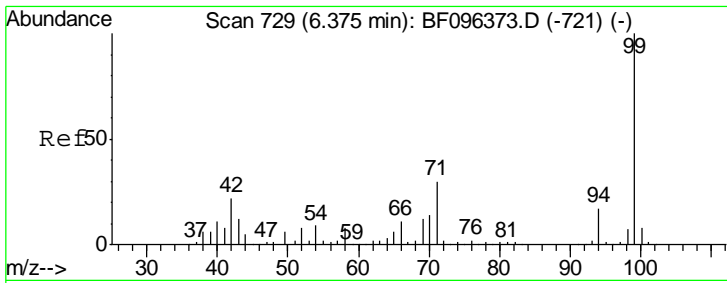
#5
 2-Fluorophenol
 Concen: 95.190 ng
 RT: 5.31 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF096573.D
 Acq: 7 Jul 2017 21:48



Tgt Ion:112 Resp: 732908

Ion	Ratio	Lower	Upper
112	100		
64	62.4	46.0	69.0
63	31.0	23.4	35.0





#7
 Phenol-d6
 Concen: 96.667 ng
 RT: 6.33 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF096573.D
 Acq: 7 Jul 2017 21:48

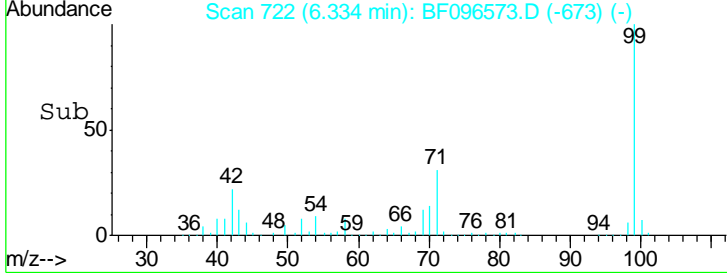
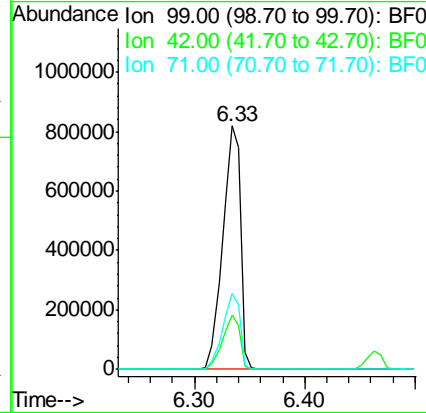
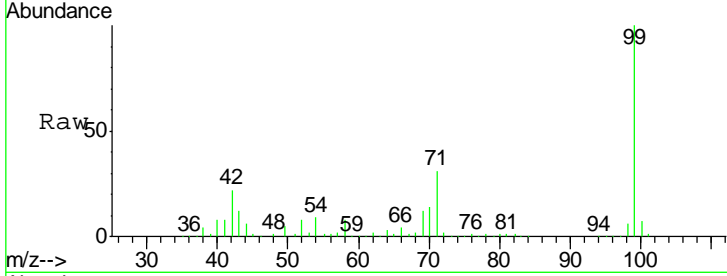
Instrument :
 BNA_F
 ClientSampled :
 NB-01-070517-C

Tgt Ion: 99 Resp: 914994

Ion	Ratio	Lower	Upper
99	100		
42	22.4	13.5	20.3#
71	31.4	24.5	36.7

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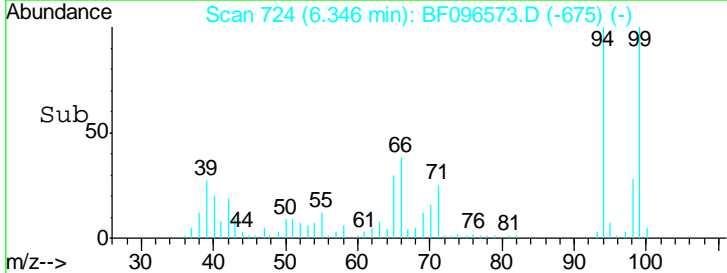
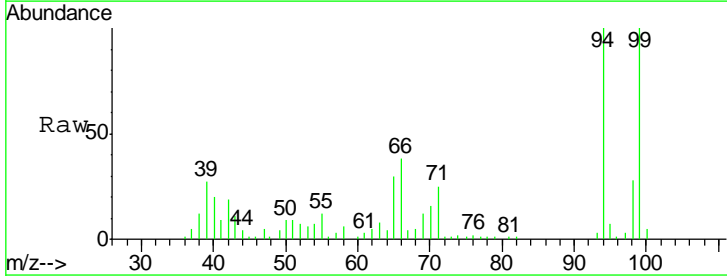
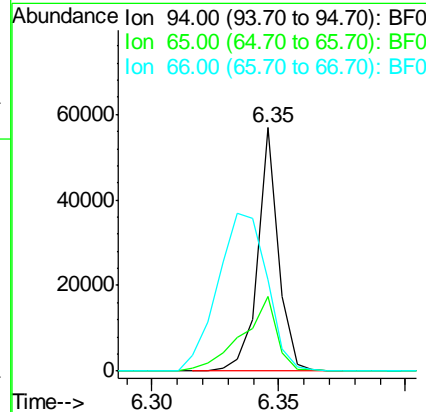
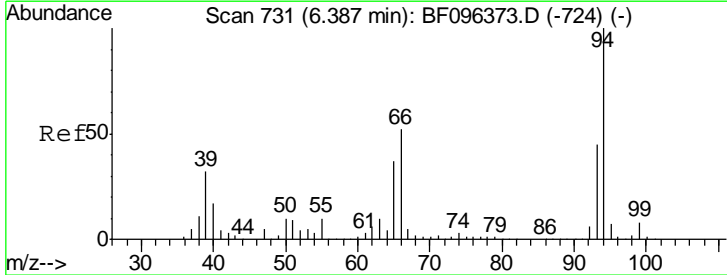
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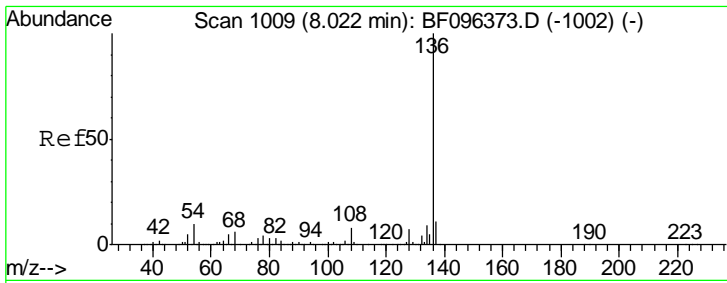


#10
 Phenol
 Concen: 3.004 ng
 RT: 6.35 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BF096573.D
 Acq: 7 Jul 2017 21:48

Tgt Ion: 94 Resp: 32390

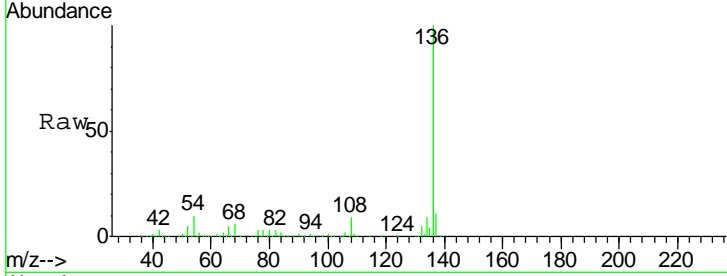
Ion	Ratio	Lower	Upper
94	100		
65	30.4	9.9	49.9
66	37.5	23.1	63.1





#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.01 min
 Lab File: BF096573.D
 Acq: 7 Jul 2017 21:48

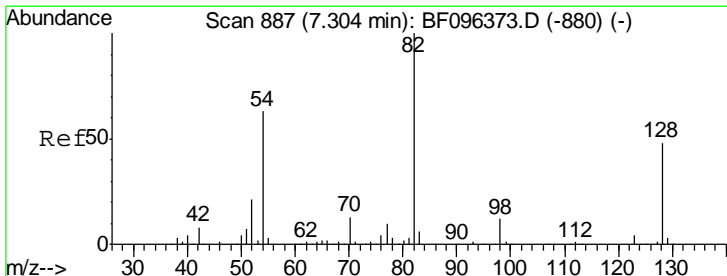
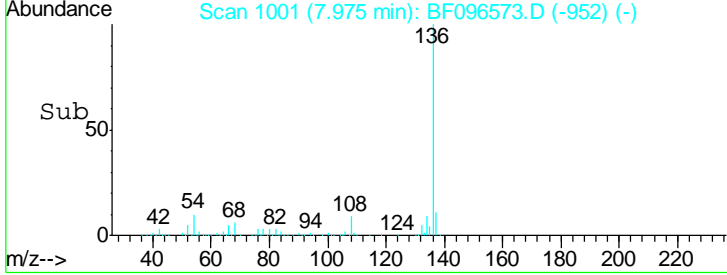
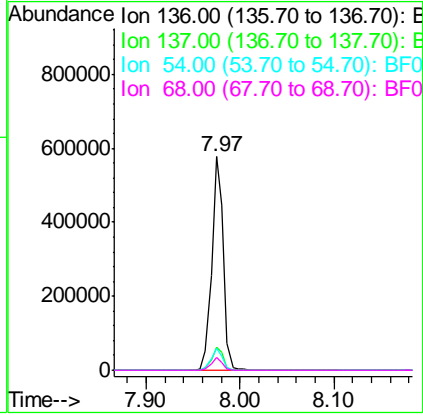
Instrument :
 BNA_F
ClientSampled :
 NB-01-070517-C



Tgt Ion	Resp	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.5	4.9	7.3#
68	5.8	4.1	6.1

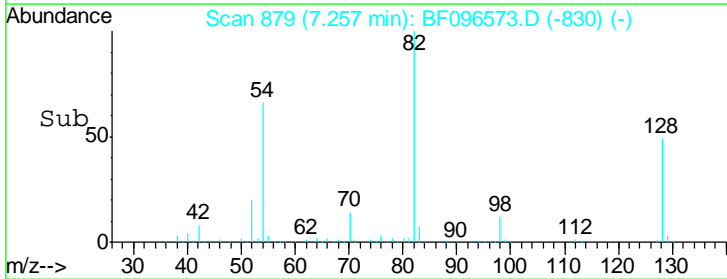
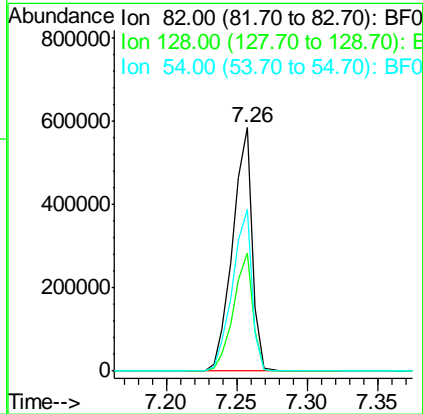
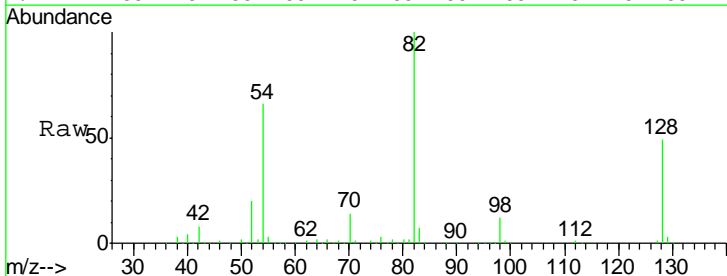
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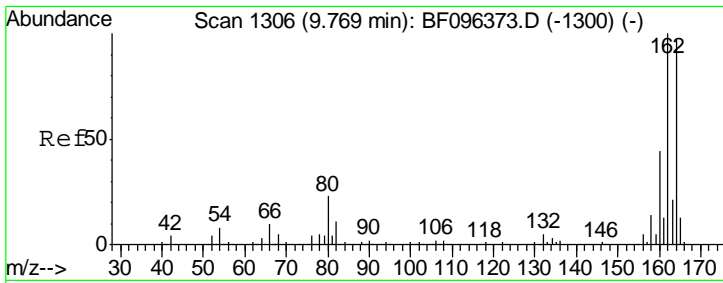
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#23
 Nitrobenzene-d5
 Concen: 66.760 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF096573.D
 Acq: 7 Jul 2017 21:48

Tgt Ion	Resp	Lower	Upper
82	100		
128	48.7	34.0	51.0
54	66.2	42.2	63.2#



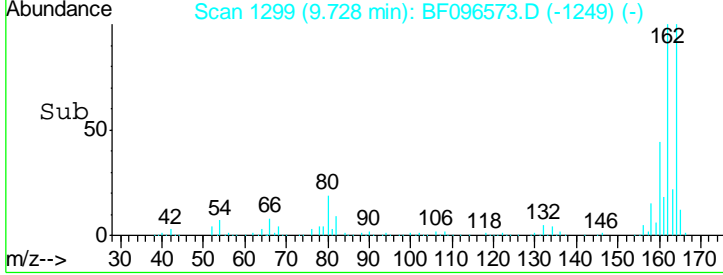
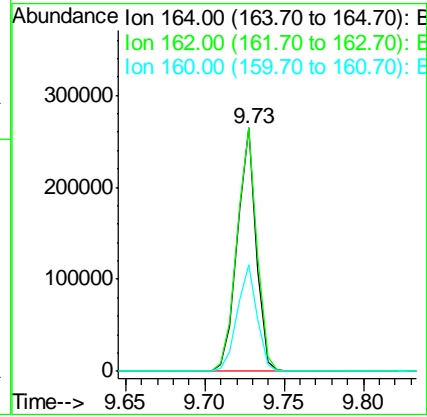
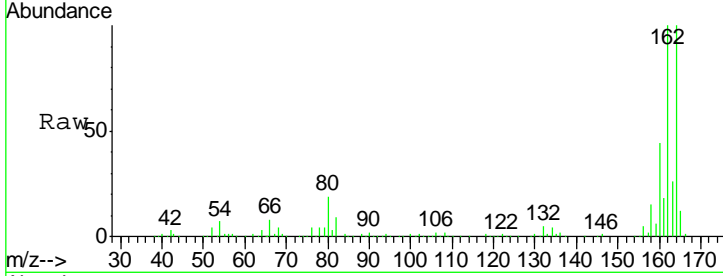


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF096573.D
 Acq: 7 Jul 2017 21:48

Instrument :
 BNA_F
 ClientSampled :
 NB-01-070517-C

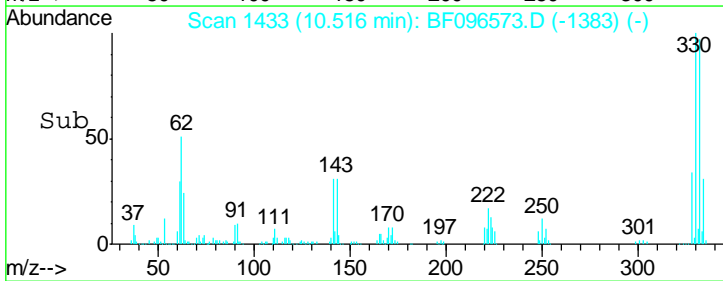
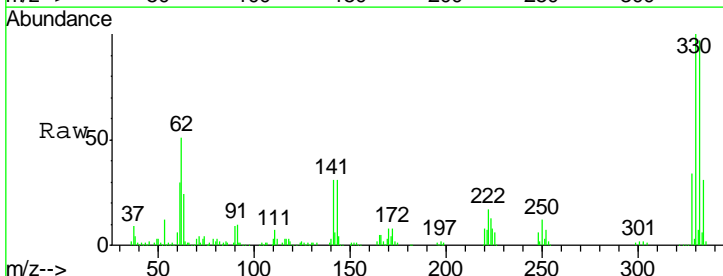
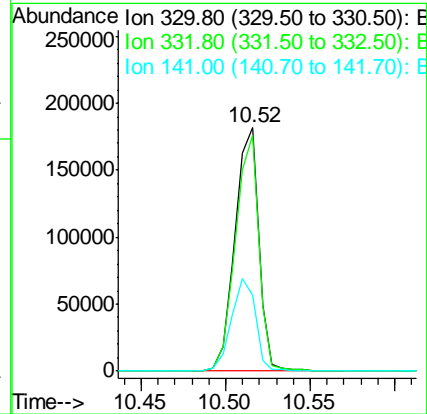
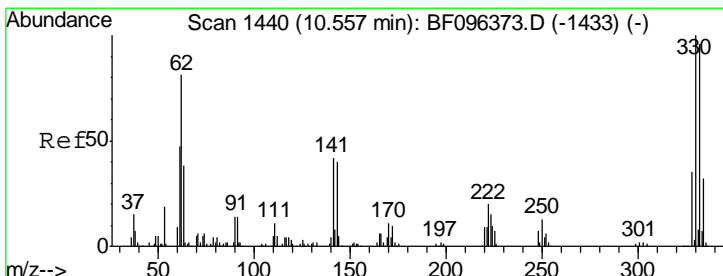
Tgt Ion	Resp	Lower	Upper
164	100		
162	100.0	82.6	123.8
160	43.6	36.2	54.2

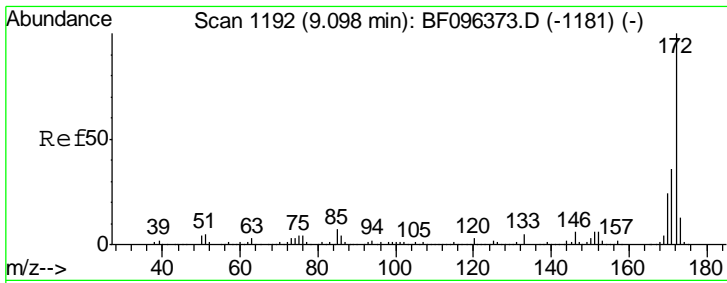
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#41
 2,4,6-Tribromophenol
 Concen: 103.764 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096573.D
 Acq: 7 Jul 2017 21:48

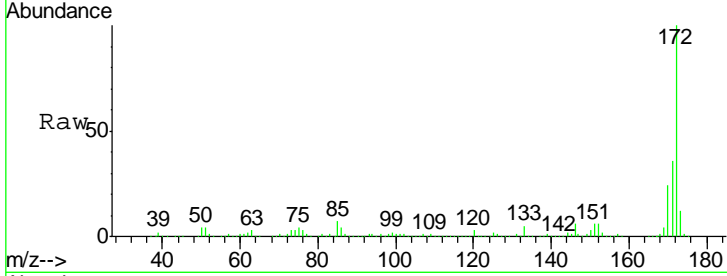
Tgt Ion	Resp	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	38.8	31.4	47.2





#44
 2-Fluorobiphenyl
 Concen: 75.705 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096573.D
 Acq: 7 Jul 2017 21:48

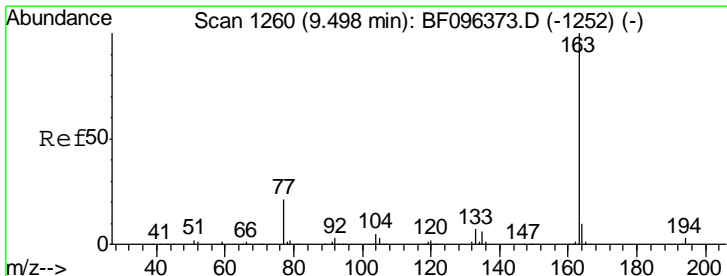
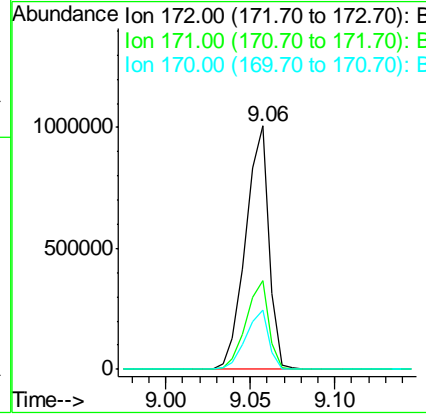
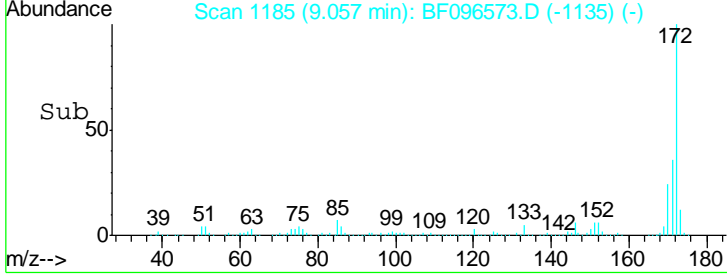
Instrument :
 BNA_F
 ClientSampled :
 NB-01-070517-C



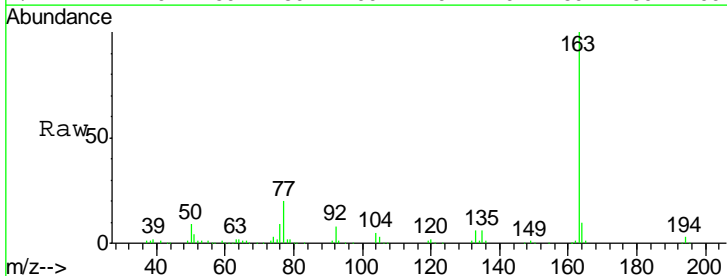
Tgt Ion:172 Resp: 971197

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.2	19.8	29.8

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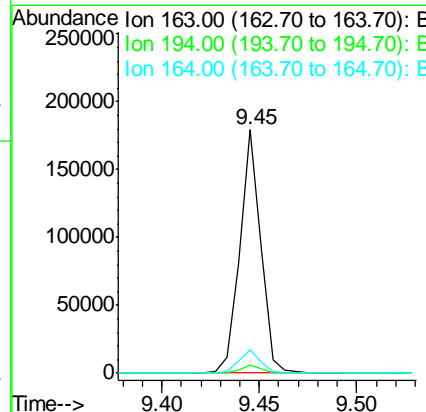
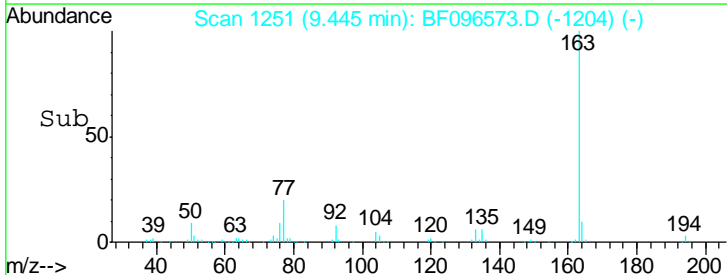


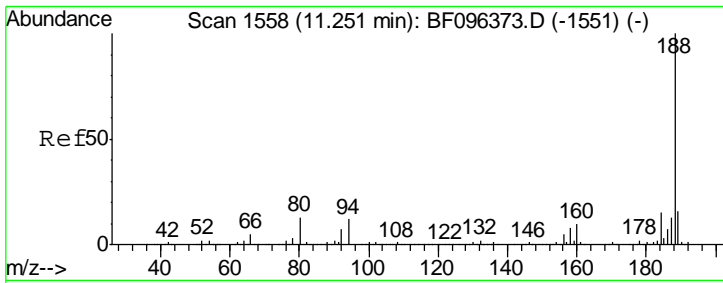
#49
 Dimethylphthalate
 Concen: 8.142 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF096573.D
 Acq: 7 Jul 2017 21:48



Tgt Ion:163 Resp: 133321

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.8	8.4	12.6





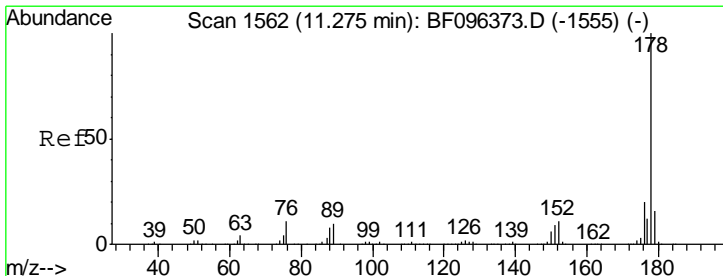
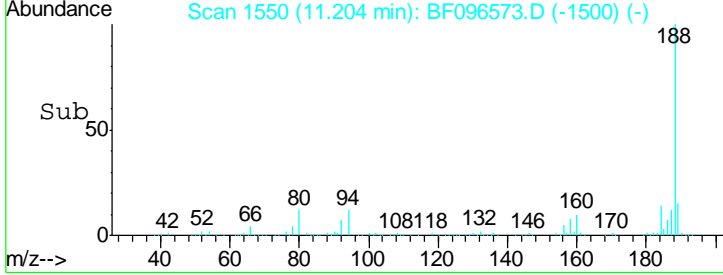
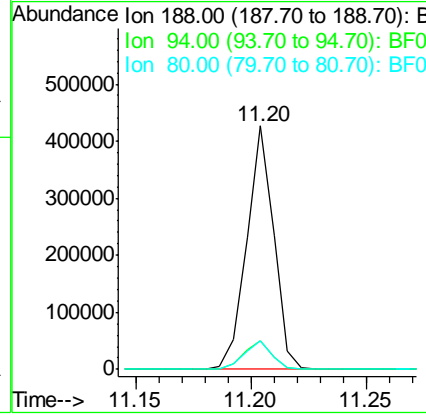
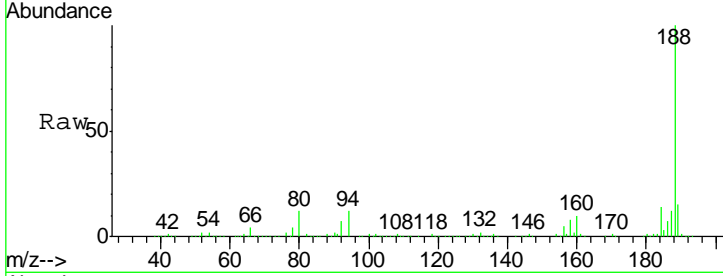
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF096573.D
 Acq: 7 Jul 2017 21:48

Instrument :
 BNA_F
ClientSampled :
 NB-01-070517-C

Tgt Ion	Resp	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	11.7	10.2	15.2

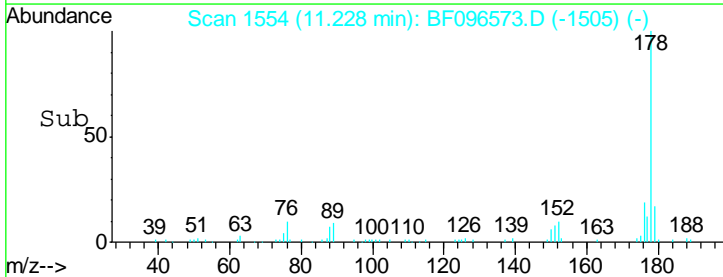
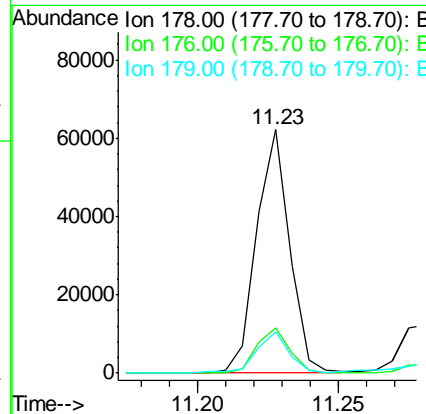
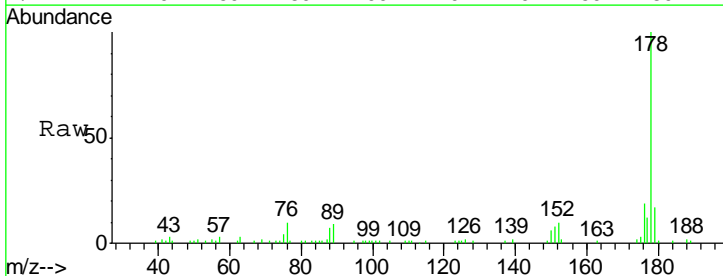
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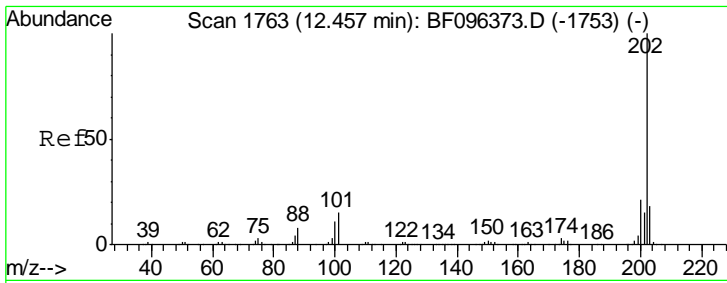
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#70
 Phenanthrene
 Concen: 2.679 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF096573.D
 Acq: 7 Jul 2017 21:48

Tgt Ion	Resp	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	16.8	12.6	19.0



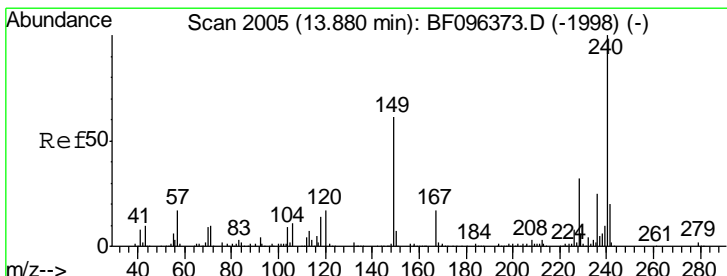
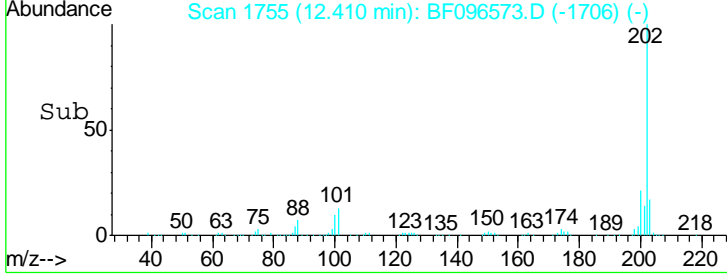
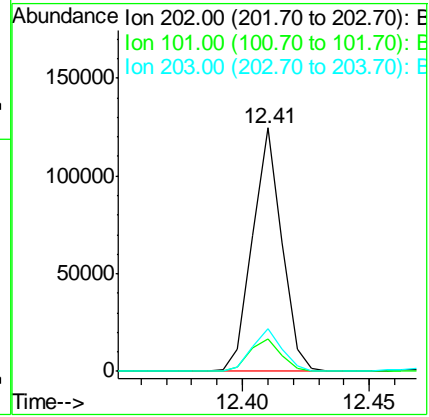
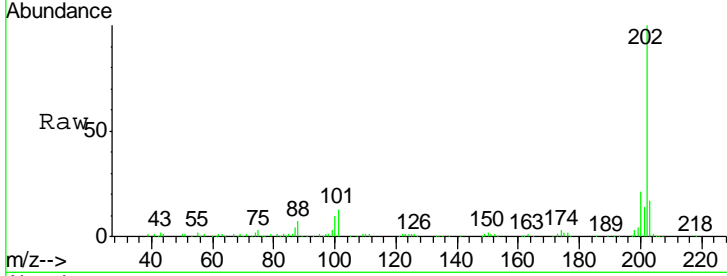


#74
 Fluoranthene
 Concen: 5.452 ng
 RT: 12.41 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BF096573.D
 Acq: 7 Jul 2017 21:48

Instrument :
 BNA_F
 ClientSampled :
 NB-01-070517-C

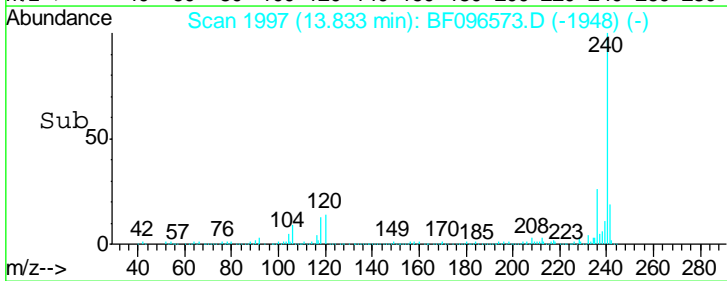
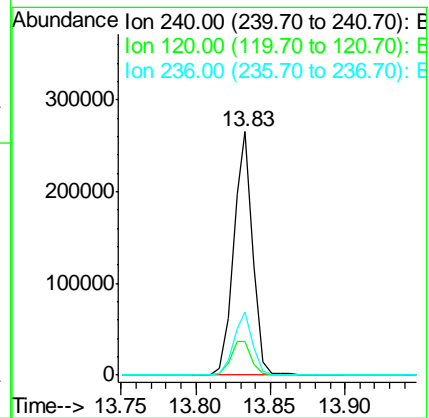
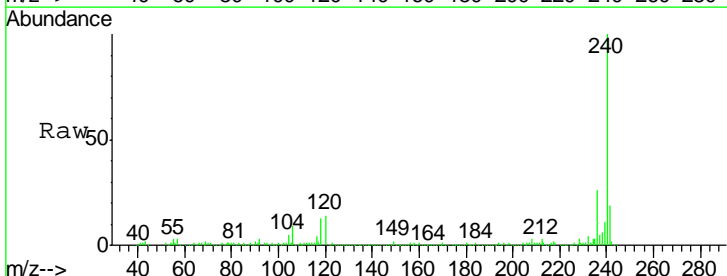
Tgt Ion	Resp	Lower	Upper
202	100620		
101	13.2	0.0	33.2
203	17.4	0.0	38.1

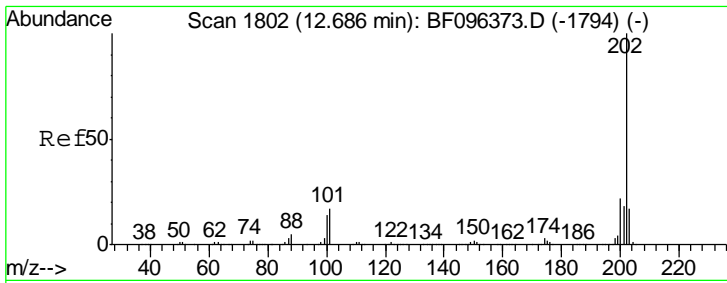
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF096573.D
 Acq: 7 Jul 2017 21:48

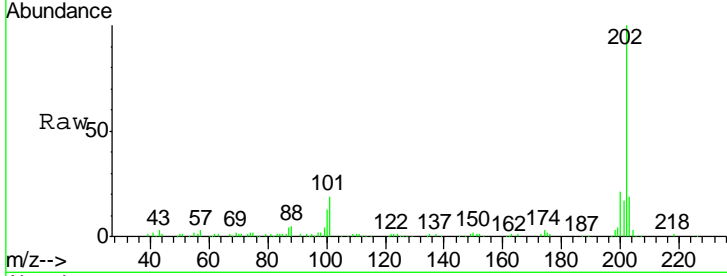
Tgt Ion	Resp	Lower	Upper
240	237865		
120	13.7	5.8	8.8#
236	26.1	20.5	30.7





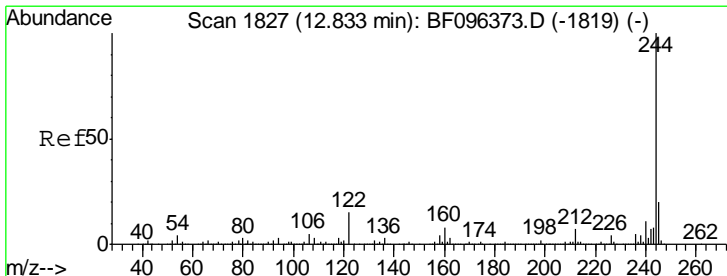
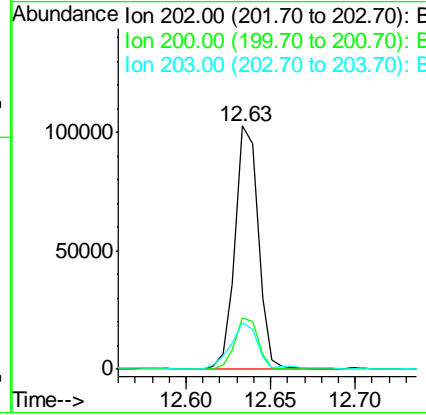
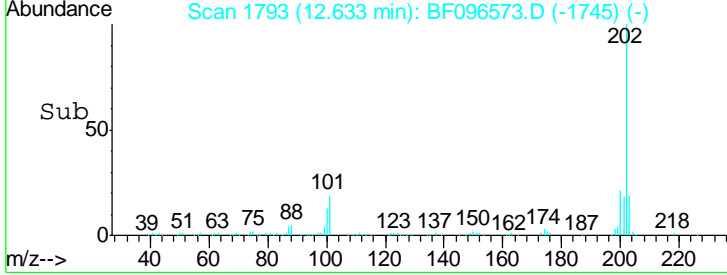
#77
 Pyrene
 Concen: 5.180 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BF096573.D
 Acq: 7 Jul 2017 21:48

Instrument :
 BNA_F
 ClientSampled :
 NB-01-070517-C



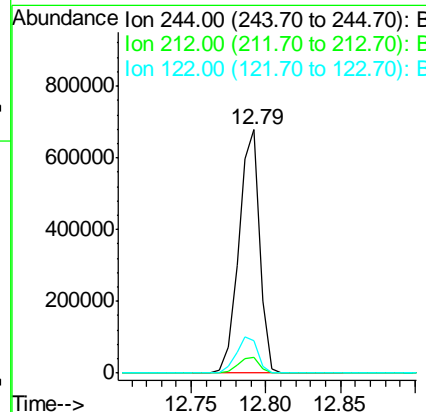
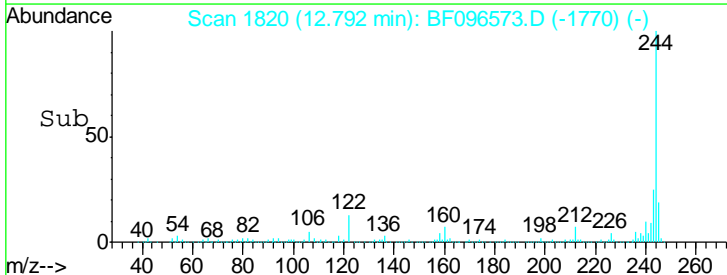
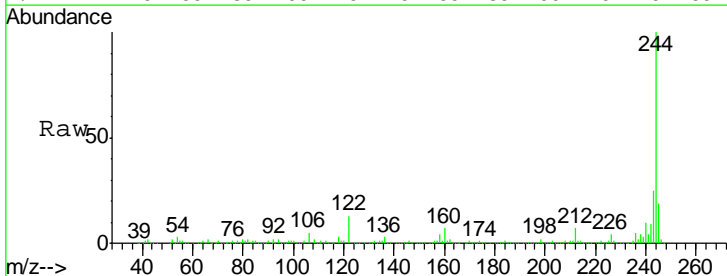
Tgt Ion	Resp	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	19.2	14.4	21.6

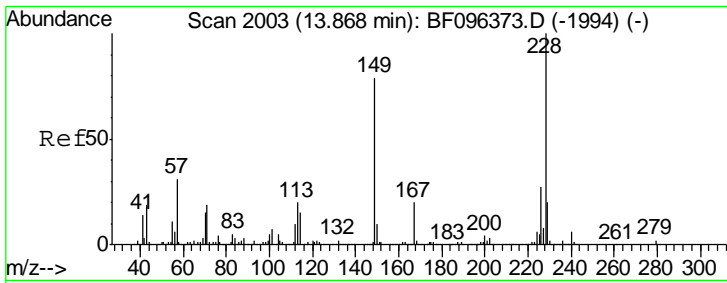
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#78
 Terphenyl-d14
 Concen: 59.539 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF096573.D
 Acq: 7 Jul 2017 21:48

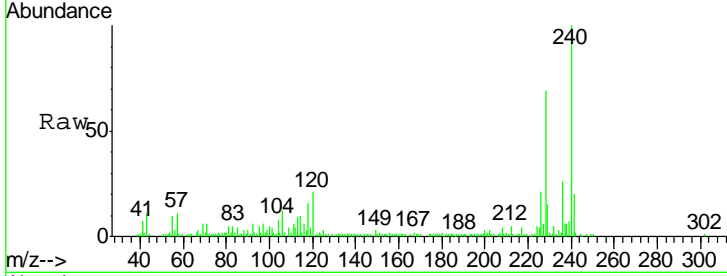
Tgt Ion	Resp	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	13.5	10.3	15.5





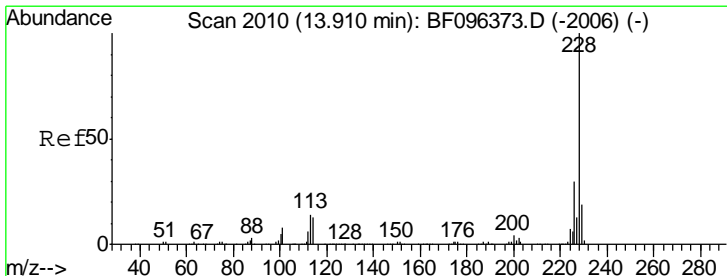
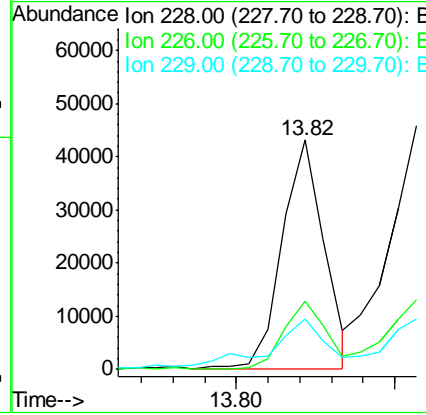
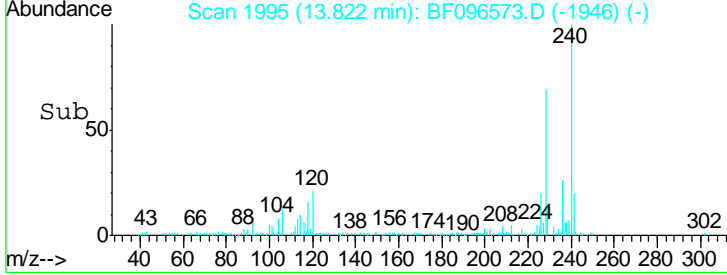
#80
 Benzo(a)anthracene
 Concen: 2.916 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF096573.D
 Acq: 7 Jul 2017 21:48

Instrument :
 BNA_F
 ClientSampled :
 NB-01-070517-C



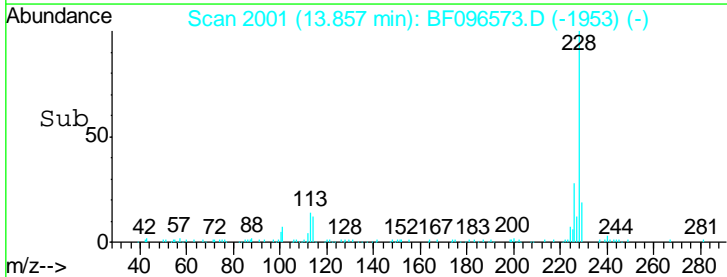
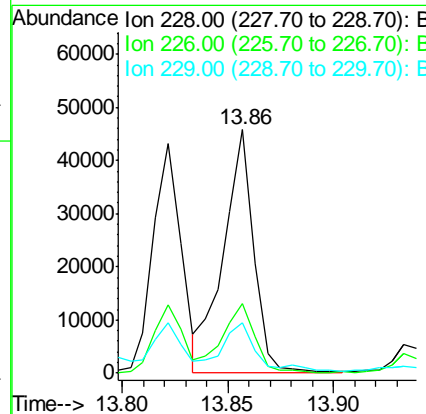
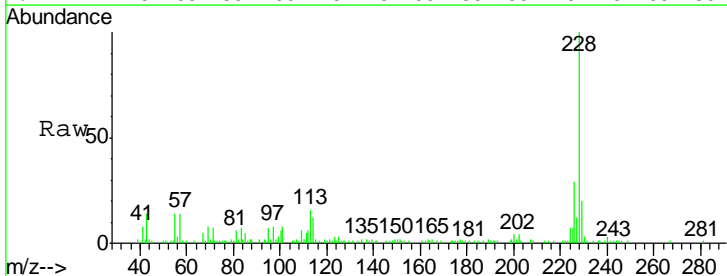
Tgt Ion	Resp	Lower	Upper
228	40161		
226	29.8	22.6	33.8
229	21.9	16.3	24.5

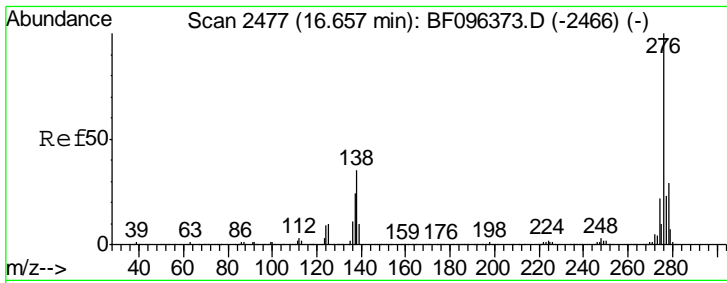
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#82
 Chrysene
 Concen: 3.186 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF096573.D
 Acq: 7 Jul 2017 21:48

Tgt Ion	Resp	Lower	Upper
228	45956		
226	28.7	24.9	37.3
229	20.4	15.8	23.6





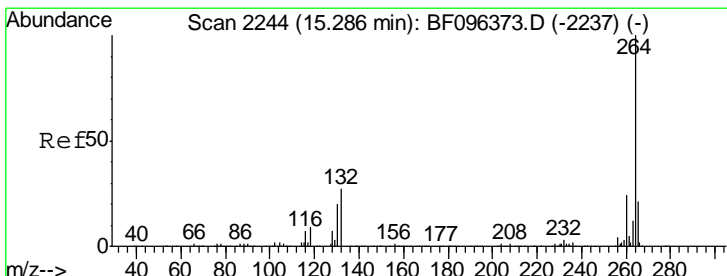
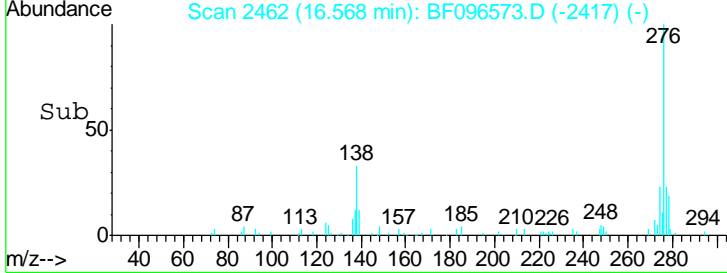
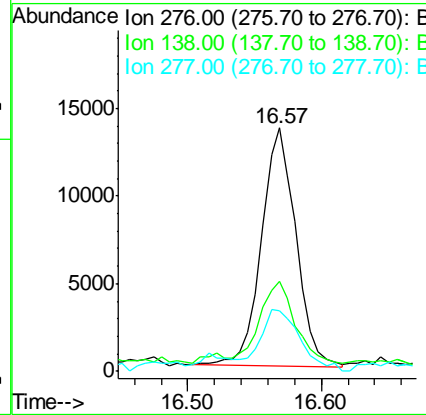
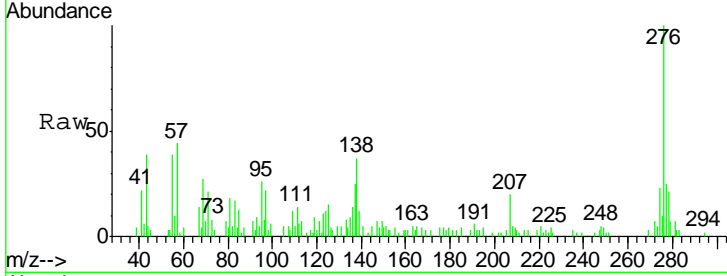
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.139 ng
 RT: 16.57 min Scan# 2462
 Delta R.T. -0.04 min
 Lab File: BF096573.D
 Acq: 7 Jul 2017 21:48

Instrument :
 BNA_F
ClientSampled :
 NB-01-070517-C

Tgt Ion	Resp	Lower	Upper
276	24359		
276	100		
138	35.1	27.8	41.6
277	29.9	20.2	30.4

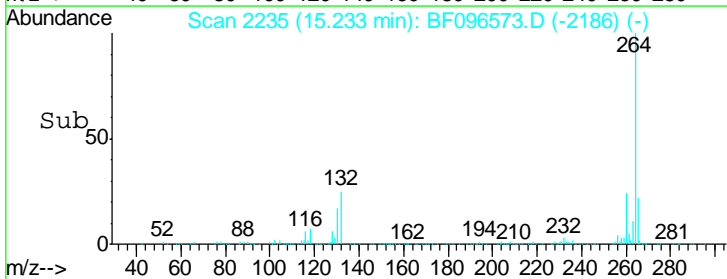
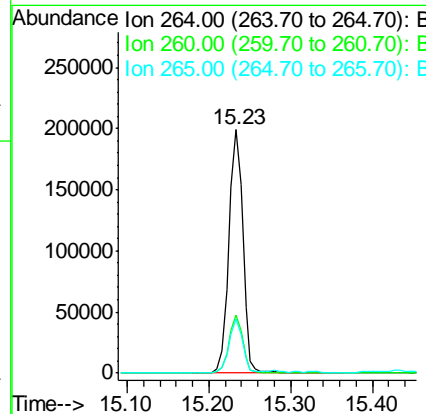
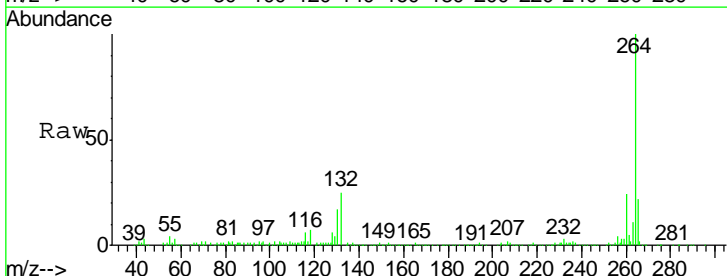
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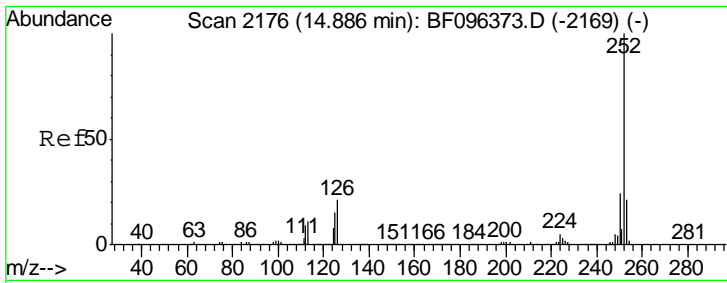
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF096573.D
 Acq: 7 Jul 2017 21:48

Tgt Ion	Resp	Lower	Upper
264	238709		
264	100		
260	23.8	19.5	29.3
265	22.1	17.2	25.8





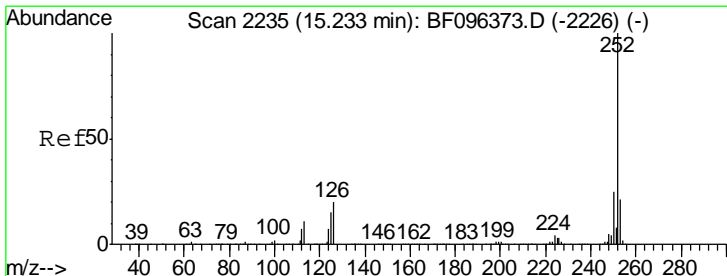
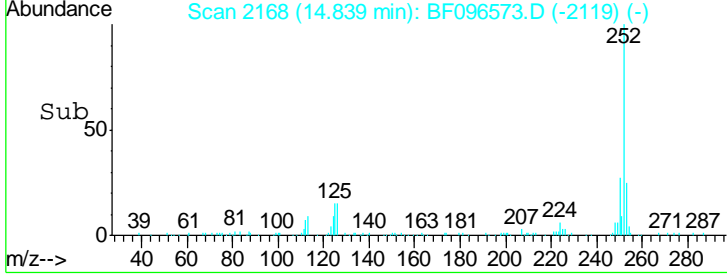
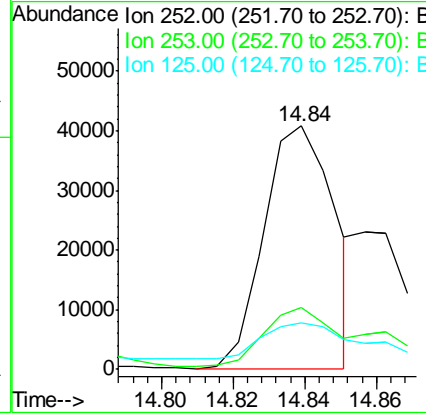
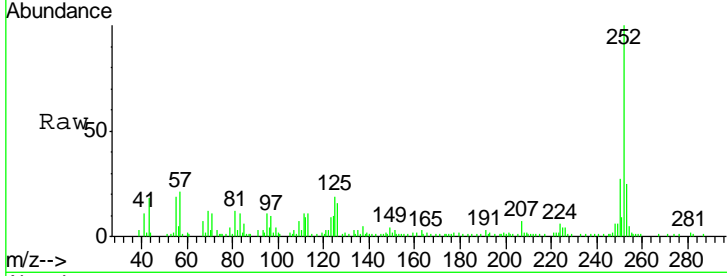
#87
 Benzo(b)fluoranthene
 Concen: 3.747 ng m
 RT: 14.84 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BF096573.D
 Acq: 7 Jul 2017 21:48

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-070517-C

Tgt Ion	Resp	Lower	Upper
252	56051		
253	25.4	18.1	27.1
125	19.0	9.8	14.8#

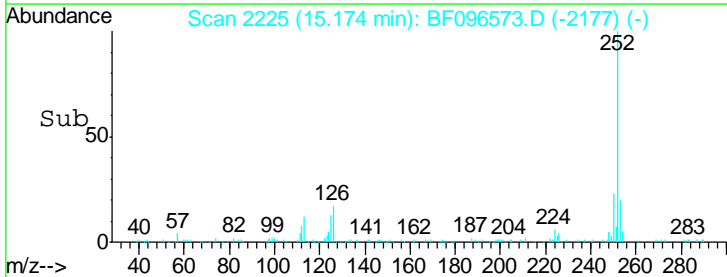
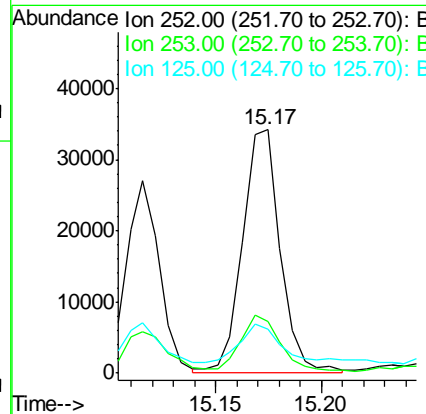
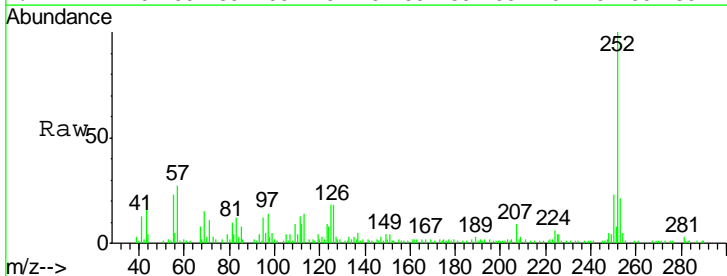
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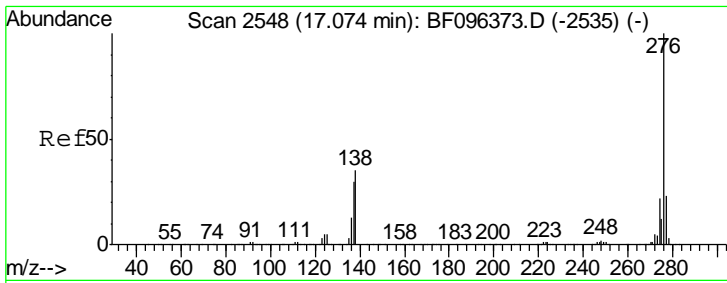
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#89
 Benzo(a)pyrene
 Concen: 3.175 ng
 RT: 15.17 min Scan# 2225
 Delta R.T. -0.02 min
 Lab File: BF096573.D
 Acq: 7 Jul 2017 21:48

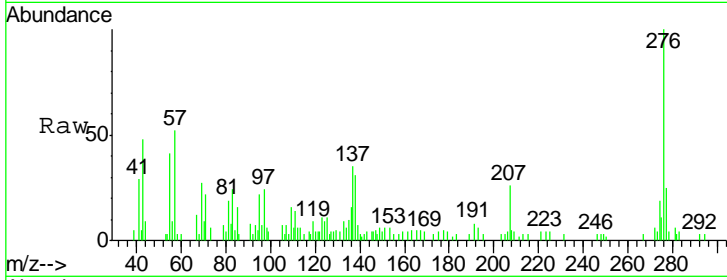
Tgt Ion	Resp	Lower	Upper
252	42399		
253	21.4	17.5	26.3
125	18.2	11.0	16.4#





#91
 Benzo(g,h,i)perylene
 Concen: 2.390 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. -0.04 min
 Lab File: BF096573.D
 Acq: 7 Jul 2017 21:48

Instrument :
 BNA_F
ClientSampled :
 NB-01-070517-C



Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	28.0
138	31.3	25.4	38.0

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