

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\  
 Data File : BE096162.D  
 Acq On : 25 Apr 2018 23:42  
 Operator : SJ/JU  
 Sample : J2434-01DL 10X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :

Quant Time: Apr 26 05:09:03 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 26 05:06:09 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	877	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3512	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2251	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	5873	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	7602	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	6128	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.74	152	151	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	538	0.02	ng/ul	0.00

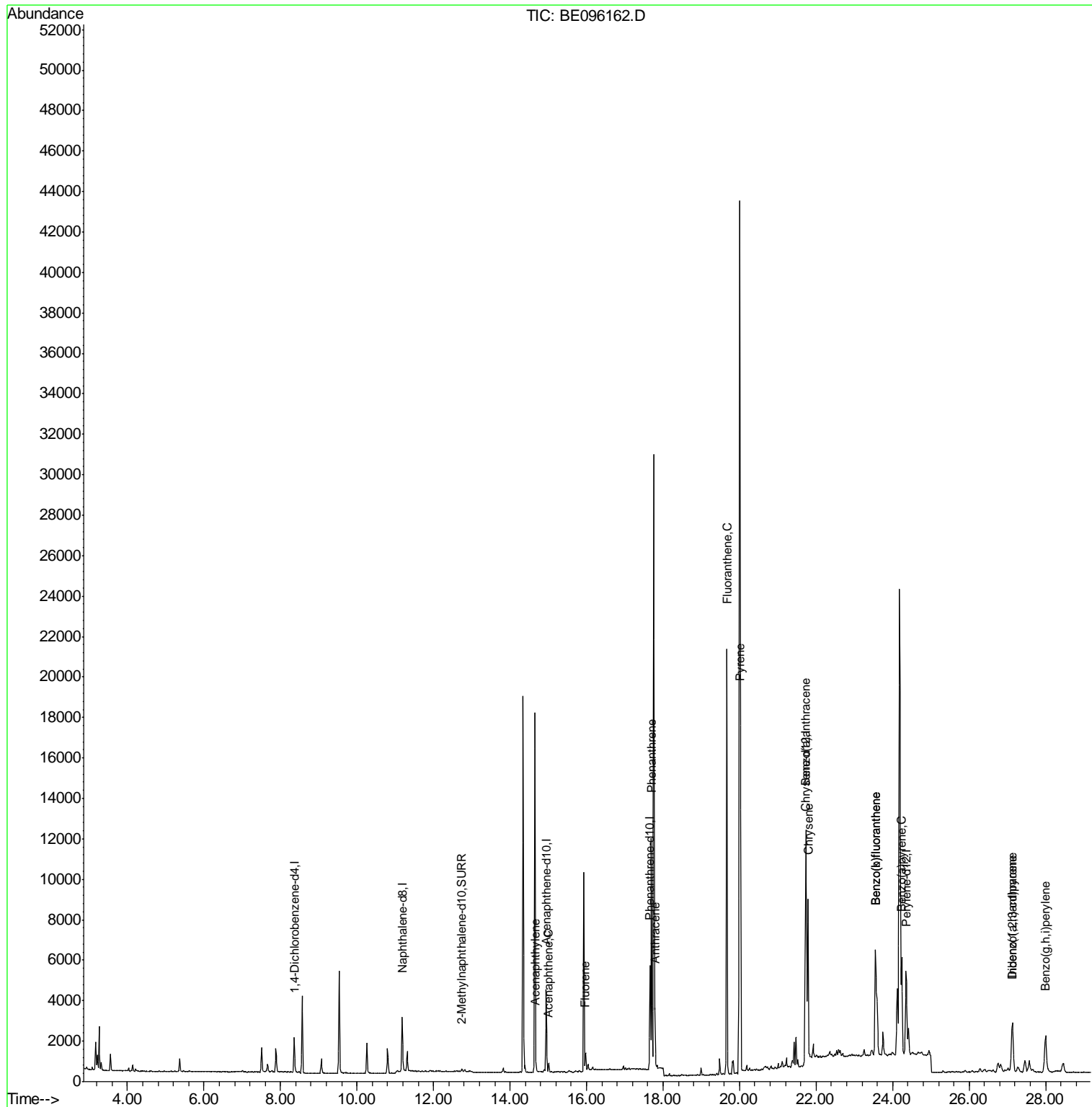
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
7) Acenaphthylene	14.68	152	389	0.034	ng/ul#	76
8) Acenaphthene	15.01	153	268	0.032	ng/ul#	89
9) Fluorene	15.98	166	605	0.055	ng/ul#	95
12) Phenanthrene	17.70	178	11762	0.680	ng/ul#	88
13) Anthracene	17.79	178	3049	0.176	ng/ul#	91
15) Fluoranthene	19.67	202	23290	0.881	ng/ul	84
17) Pyrene	20.02	202	11626	0.762	ng/ul#	79
18) Benzo(a)anthracene	21.73	228	8376	0.364	ng/ul#	85
19) Chrysene	21.79	228	8188	0.387	ng/ul	96
21) Benzo(b)fluoranthene	23.55	252	13916	0.600	ng/ul	88
22) Benzo(k)fluoranthene	23.55	252	13916	0.627	ng/ul#	90
23) Benzo(a)pyrene	24.23	252	7403	0.367	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	27.13	276	4709	0.173	ng/ul#	75
25) Dibenzo(a,h)anthracene	27.14	278	1273	0.056	ng/ul#	78
26) Benzo(a,h,i)perylene	27.99	276	4564	0.193	ng/ul	95

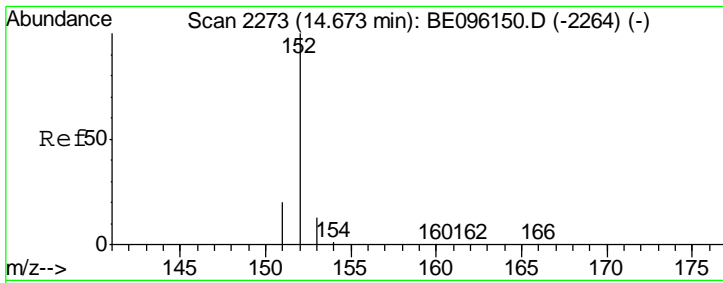
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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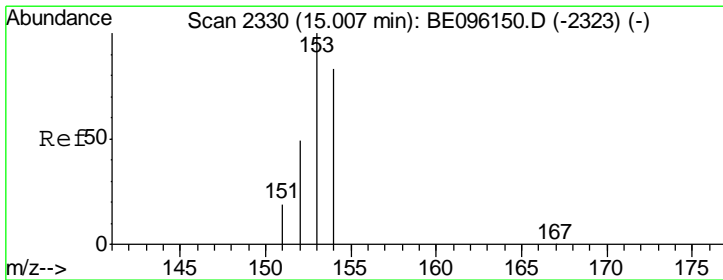
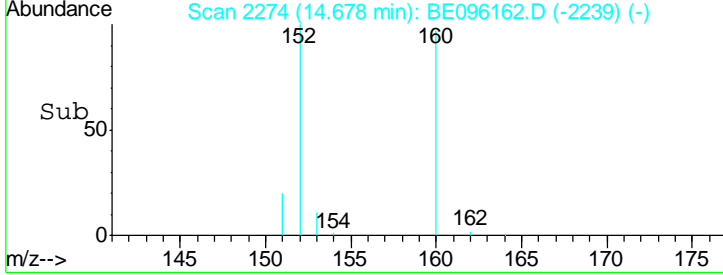
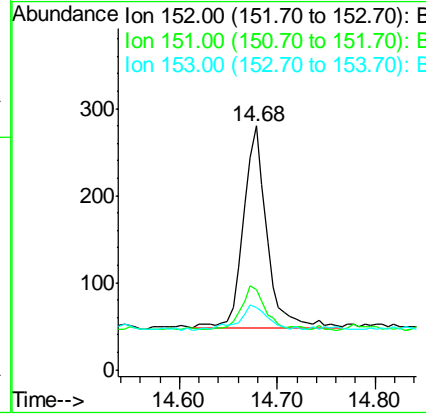
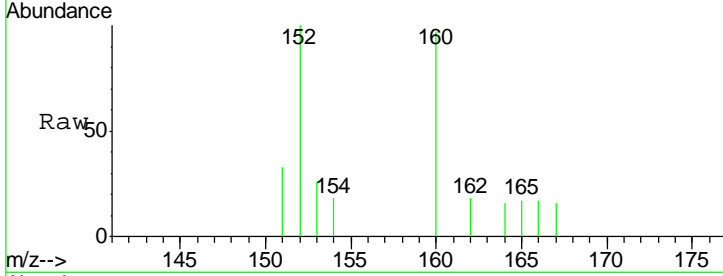




#7  
 Acenaphthylene  
 Concen: 0.034 ng/ul  
 RT: 14.68 min Scan# 2274  
 Delta R.T. 0.01 min  
 Lab File: BE096162.D  
 Acq: 25 Apr 2018 23:42

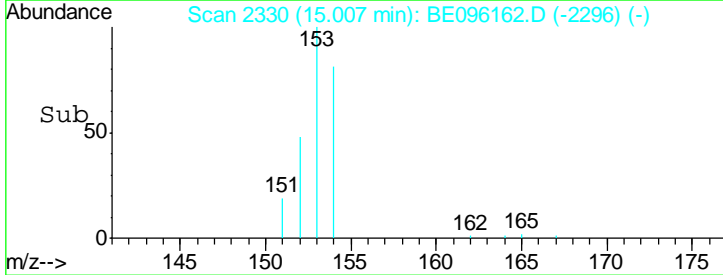
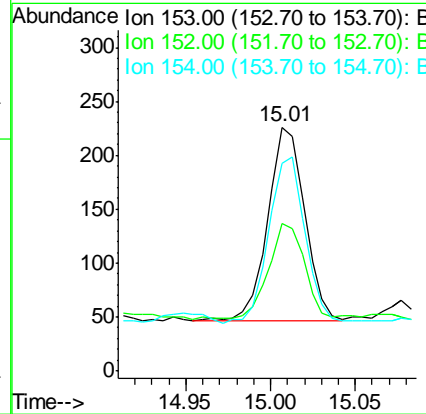
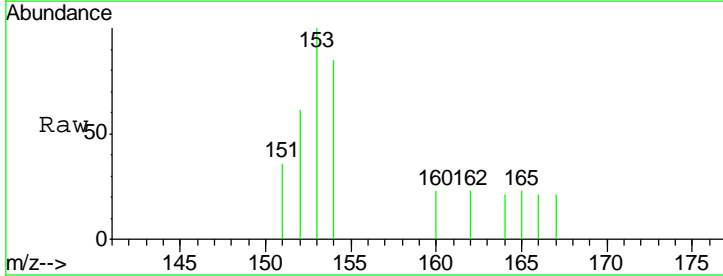
Instrument : BNA\_E  
 ClientSampled :

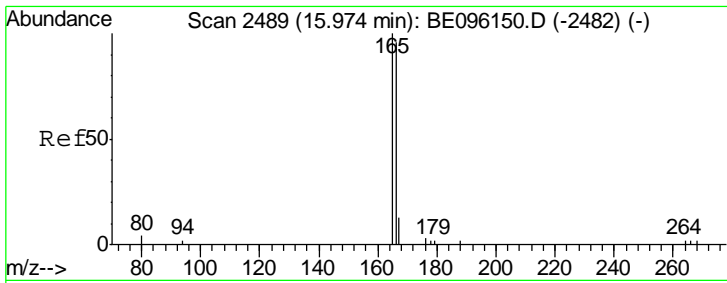
Tgt Ion	Resp	Lower	Upper
152	100		
151	32.9	17.1	25.7#
153	25.7	12.8	19.2#



#8  
 Acenaphthene  
 Concen: 0.032 ng/ul  
 RT: 15.01 min Scan# 2330  
 Delta R.T. -0.00 min  
 Lab File: BE096162.D  
 Acq: 25 Apr 2018 23:42

Tgt Ion	Resp	Lower	Upper
153	100		
152	60.6	36.0	54.0#
154	85.4	72.0	108.0

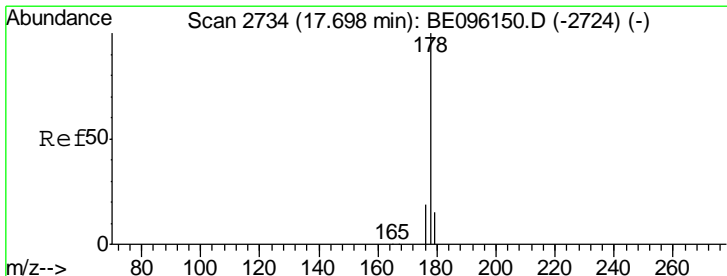
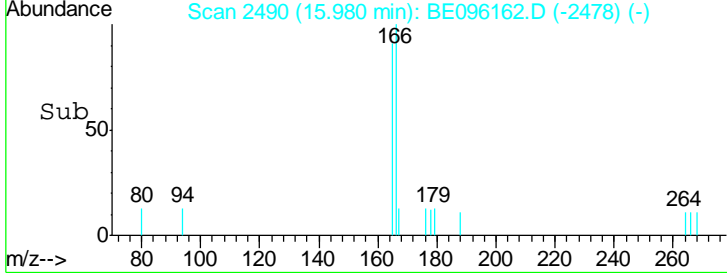
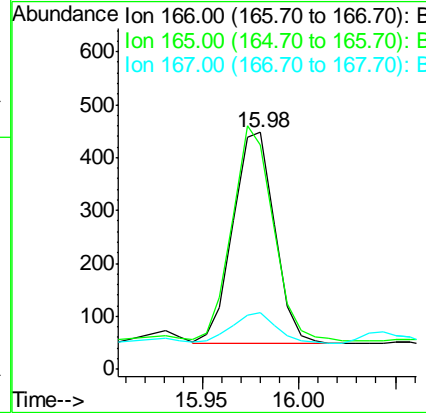
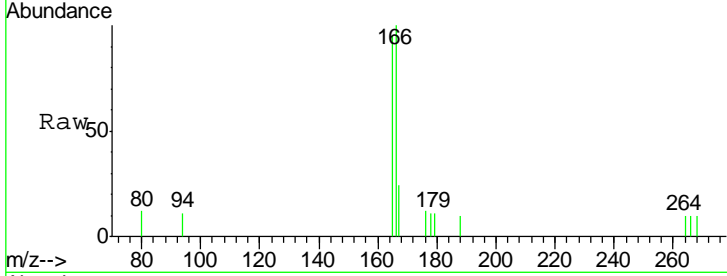




#9  
 Fluorene  
 Concen: 0.055 ng/ul  
 RT: 15.98 min Scan# 2490  
 Delta R.T. 0.01 min  
 Lab File: BE096162.D  
 Acq: 25 Apr 2018 23:42

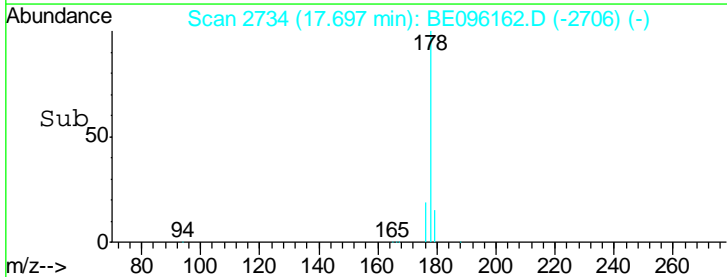
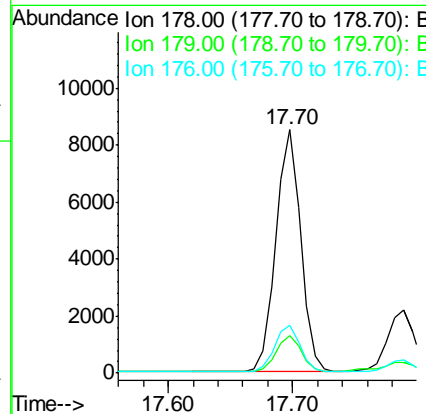
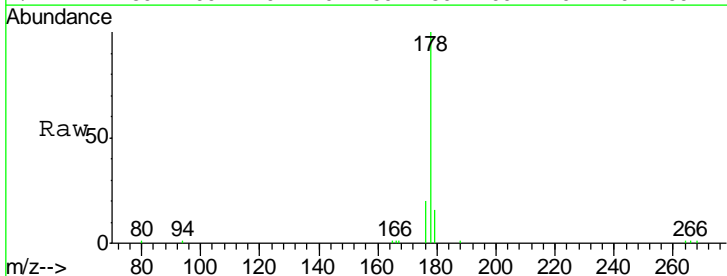
Instrument :  
 BNA\_E  
 ClientSampled :

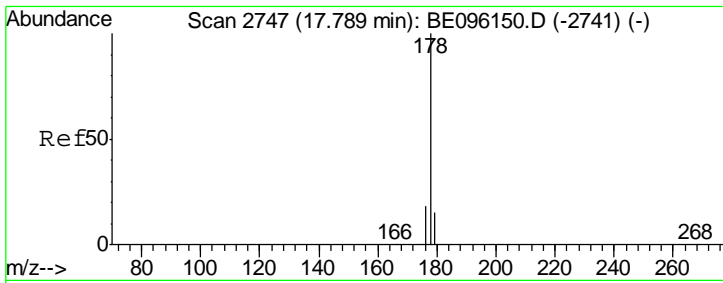
Tgt Ion	Resp	Lower	Upper
166	605		
165	100	73.4	110.2
167	23.7	14.6	22.0



#12  
 Phenanthrene  
 Concen: 0.680 ng/ul  
 RT: 17.70 min Scan# 2734  
 Delta R.T. -0.00 min  
 Lab File: BE096162.D  
 Acq: 25 Apr 2018 23:42

Tgt Ion	Resp	Lower	Upper
178	11762		
179	100	18.4	27.6
176	19.8	13.6	20.4

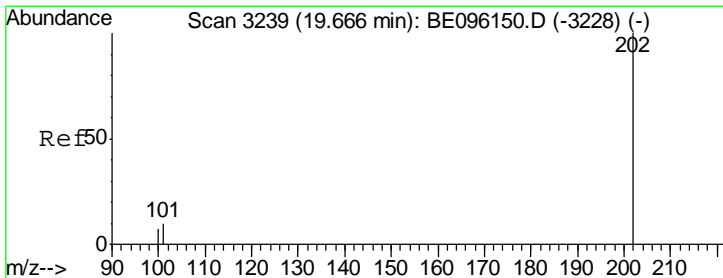
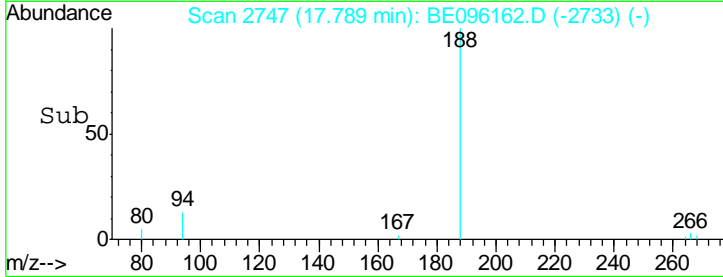
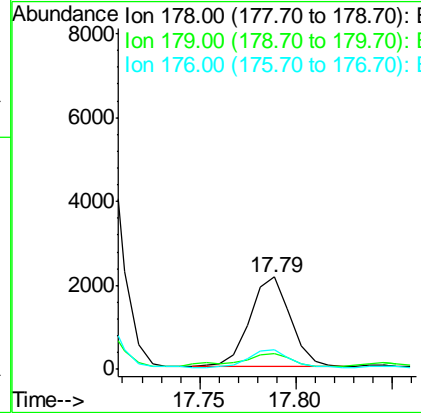
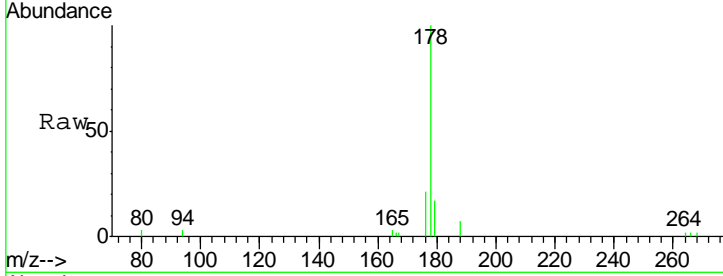




#13  
 Anthracene  
 Concen: 0.176 ng/ul  
 RT: 17.79 min Scan# 2747  
 Delta R.T. -0.00 min  
 Lab File: BE096162.D  
 Acq: 25 Apr 2018 23:42

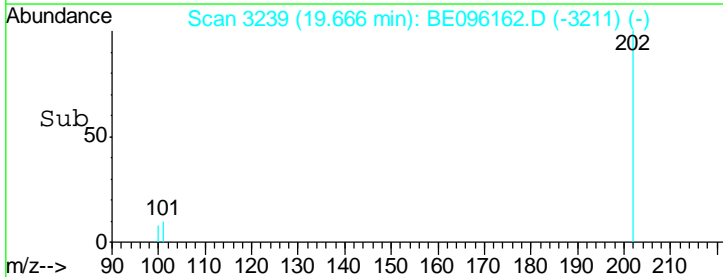
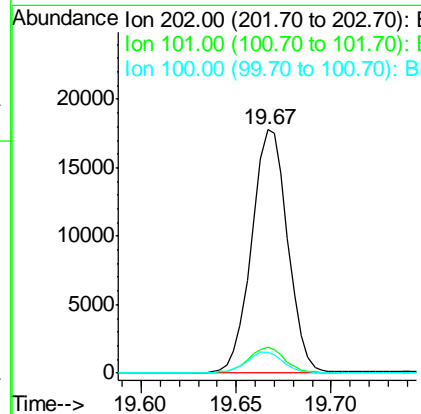
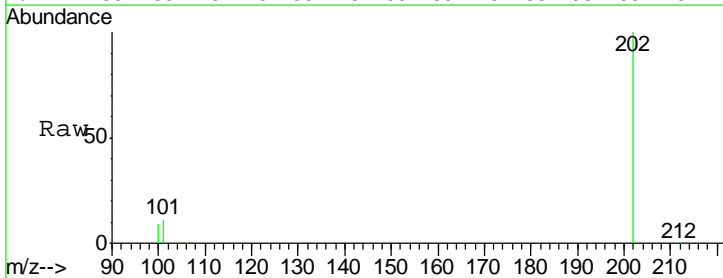
Instrument :  
 BNA\_E  
 ClientSampled :

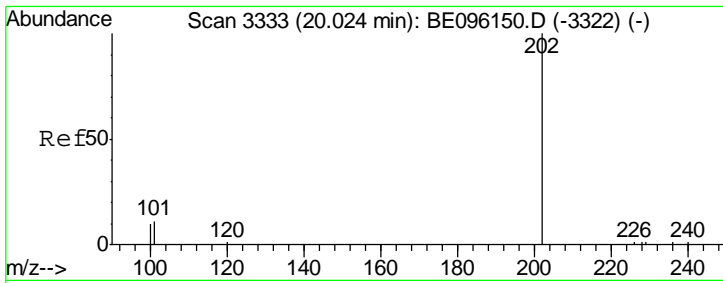
Tgt Ion	Resp	Lower	Upper
178	100		
179	17.0	18.1	27.1#
176	21.1	14.7	22.1



#15  
 Fluoranthene  
 Concen: 0.881 ng/ul  
 RT: 19.67 min Scan# 3239  
 Delta R.T. 0.00 min  
 Lab File: BE096162.D  
 Acq: 25 Apr 2018 23:42

Tgt Ion	Resp	Lower	Upper
202	100		
101	10.7	0.0	30.3
100	8.7	0.0	39.5

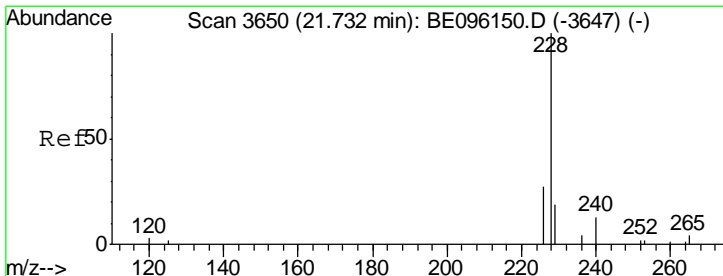
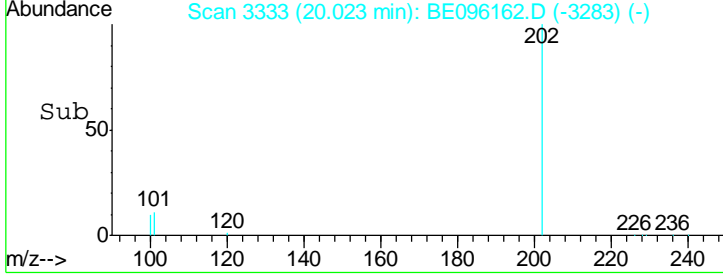
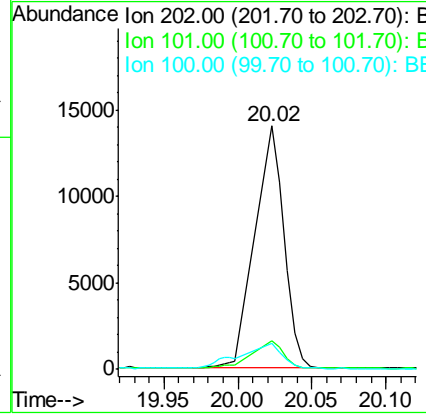
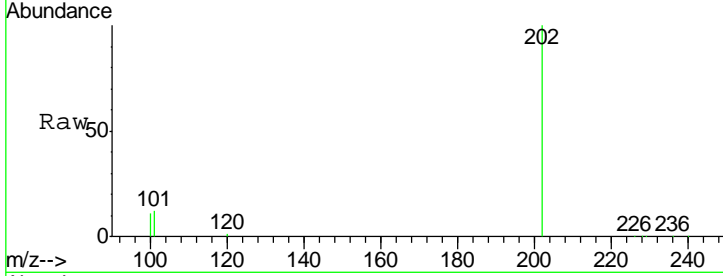




#17  
 Pyrene  
 Concen: 0.762 ng/ul  
 RT: 20.02 min Scan# 3333  
 Delta R.T. -0.00 min  
 Lab File: BE096162.D  
 Acq: 25 Apr 2018 23:42

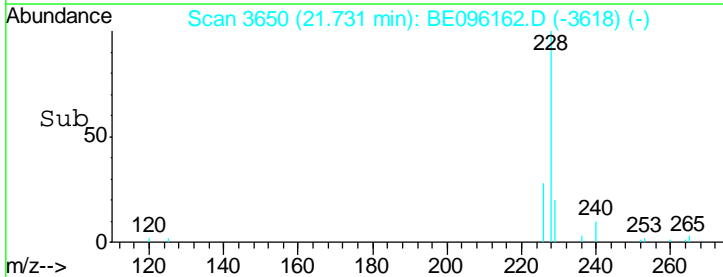
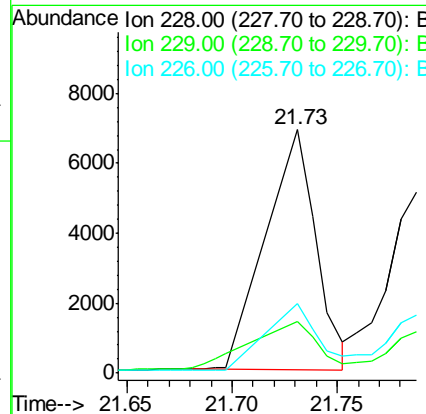
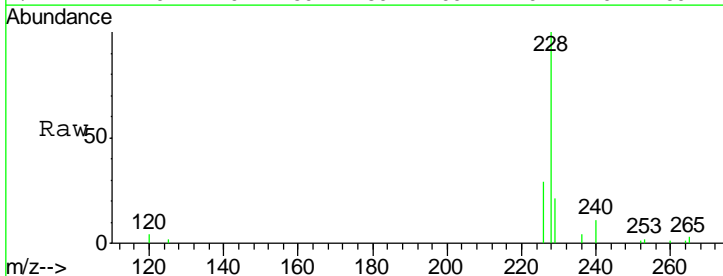
Instrument :  
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 ClientSampled :

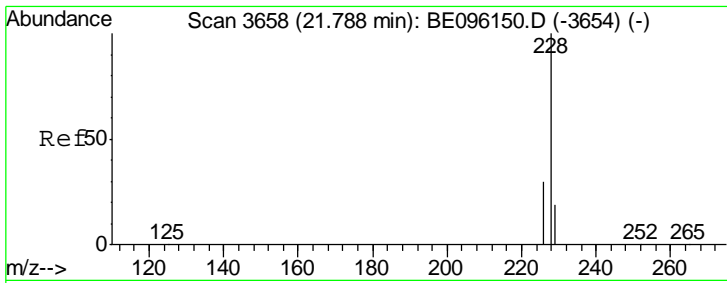
Tgt Ion	Resp	Lower	Upper
202	11626		
101	11.8	18.2	27.4#
100	10.5	15.6	23.4#



#18  
 Benzo(a)anthracene  
 Concen: 0.364 ng/ul  
 RT: 21.73 min Scan# 3650  
 Delta R.T. -0.00 min  
 Lab File: BE096162.D  
 Acq: 25 Apr 2018 23:42

Tgt Ion	Resp	Lower	Upper
228	8376		
229	21.3	22.8	34.2#
226	28.7	17.0	25.6#

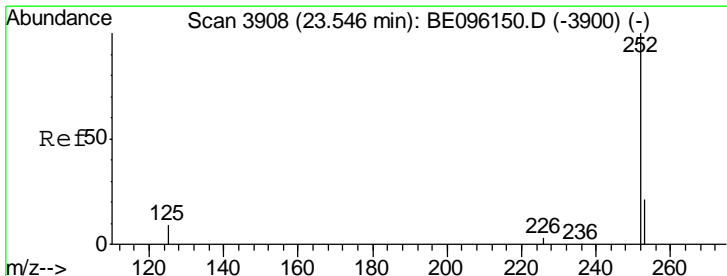
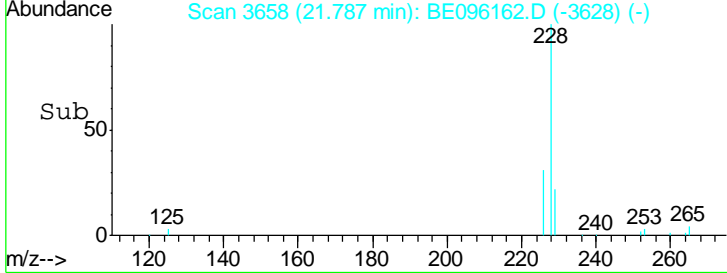
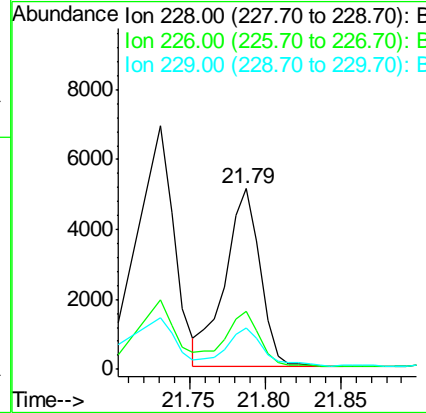
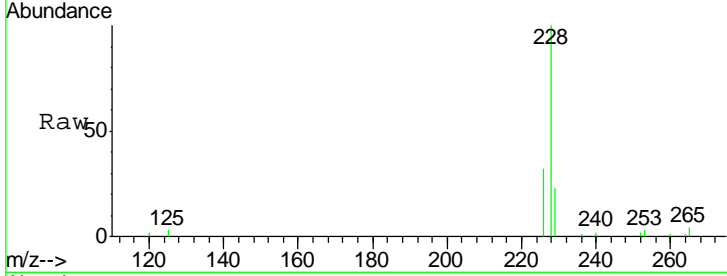




#19  
 Chrysene  
 Concen: 0.387 ng/ul  
 RT: 21.79 min Scan# 3658  
 Delta R.T. -0.00 min  
 Lab File: BE096162.D  
 Acq: 25 Apr 2018 23:42

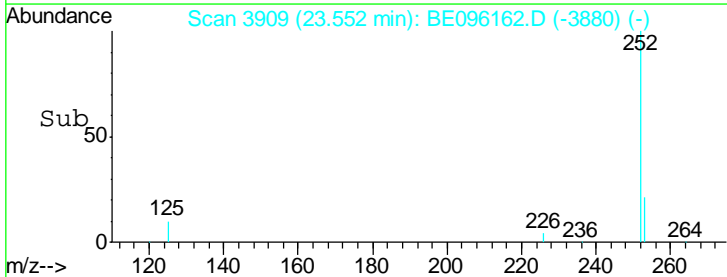
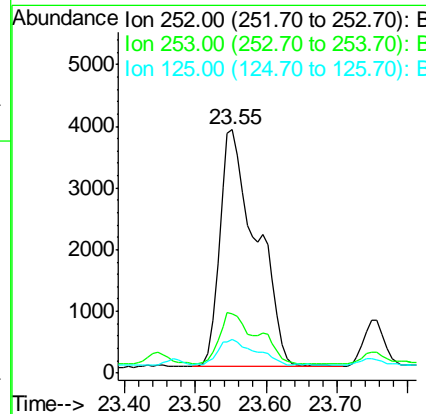
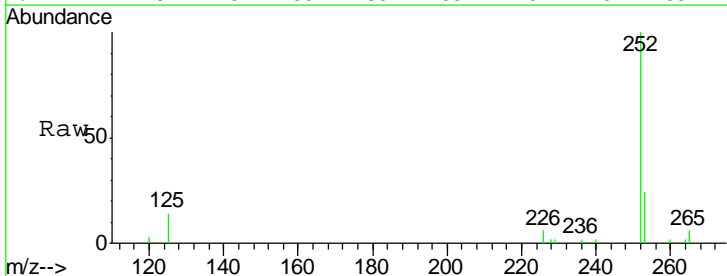
Instrument :  
 BNA\_E  
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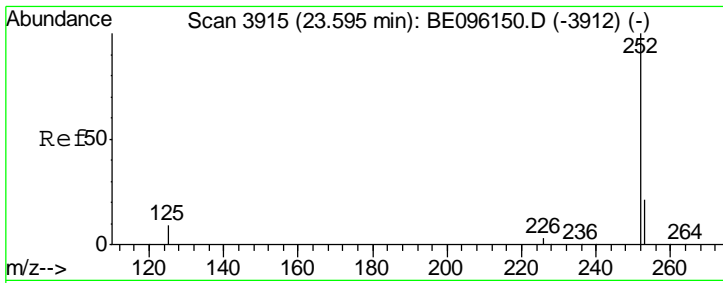
Tgt Ion	Resp	Lower	Upper
228	100		
226	32.2	23.4	35.0
229	23.0	17.7	26.5



#21  
 Benzo(b)fluoranthene  
 Concen: 0.600 ng/ul  
 RT: 23.55 min Scan# 3909  
 Delta R.T. 0.01 min  
 Lab File: BE096162.D  
 Acq: 25 Apr 2018 23:42

Tgt Ion	Resp	Lower	Upper
252	100		
253	24.4	0.0	64.2
125	13.7	0.0	35.0



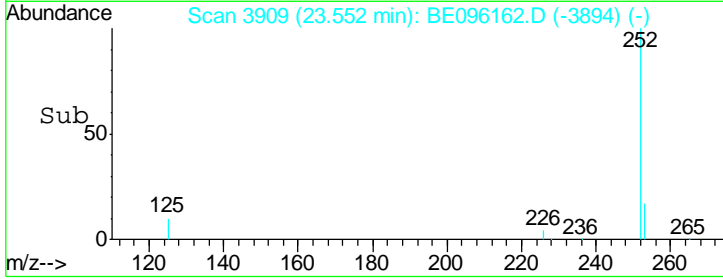
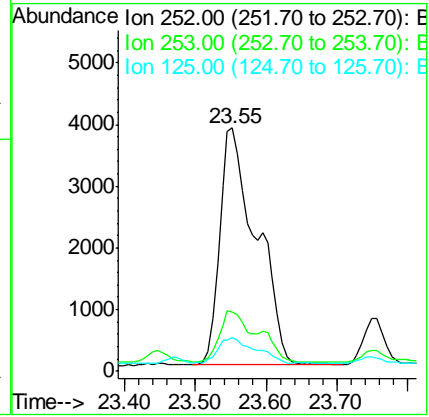
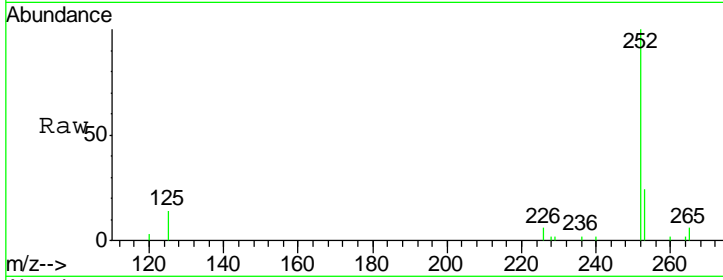


#22  
 Benzo(k)fluoranthene  
 Concen: 0.627 ng/ul  
 RT: 23.55 min Scan# 3909  
 Delta R.T. -0.04 min  
 Lab File: BE096162.D  
 Acq: 25 Apr 2018 23:42

Instrument :  
 BNA\_E  
 ClientSampled :

Tgt Ion: 252 Resp: 13916

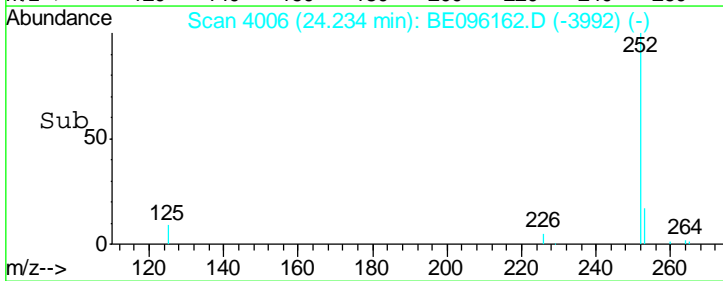
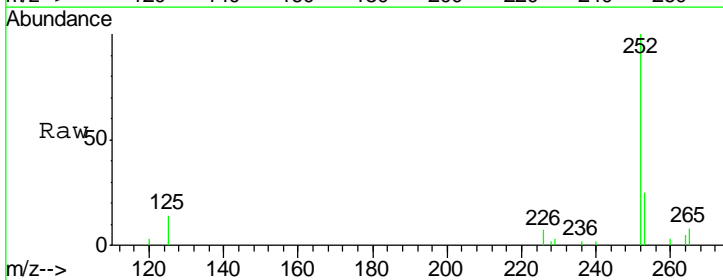
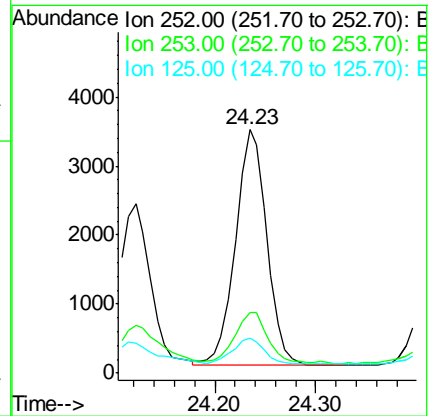
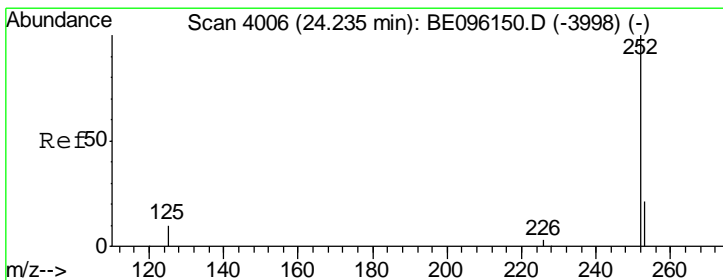
Ion	Ratio	Lower	Upper
252	100		
253	24.4	24.5	36.7#
125	13.7	13.7	20.5



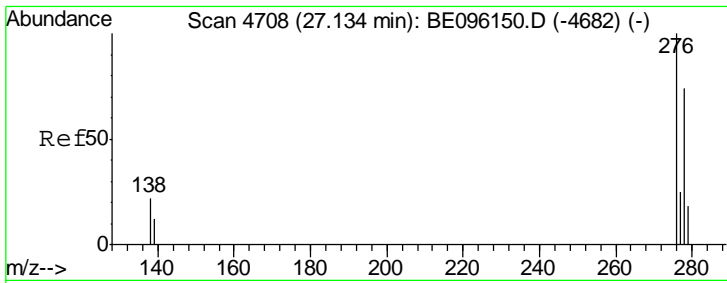
#23  
 Benzo(a)pyrene  
 Concen: 0.367 ng/ul  
 RT: 24.23 min Scan# 4006  
 Delta R.T. -0.00 min  
 Lab File: BE096162.D  
 Acq: 25 Apr 2018 23:42

Tgt Ion: 252 Resp: 7403

Ion	Ratio	Lower	Upper
252	100		
253	25.1	28.5	42.7#
125	14.3	18.1	27.1#



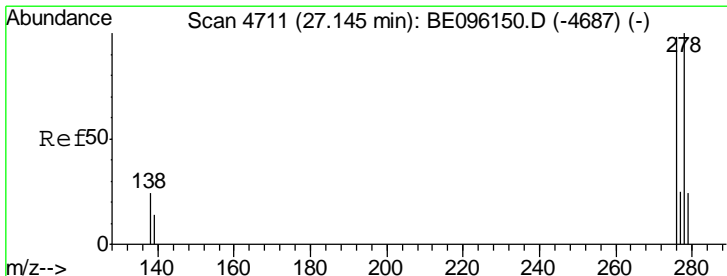
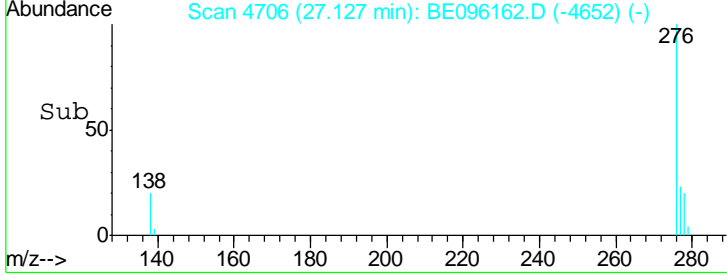
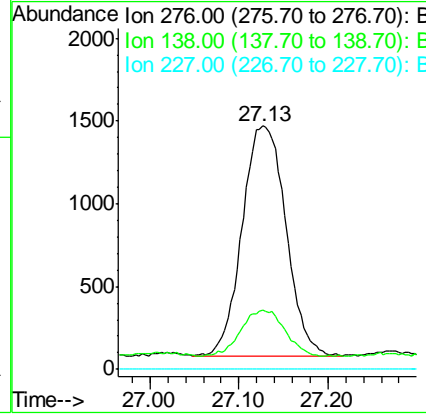
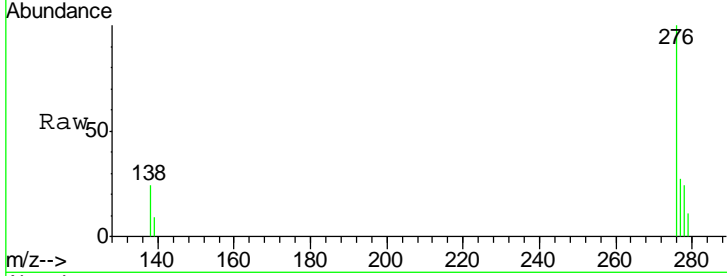




#24  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.173 ng/ul  
 RT: 27.13 min Scan# 4706  
 Delta R.T. -0.01 min  
 Lab File: BE096162.D  
 Acq: 25 Apr 2018 23:42

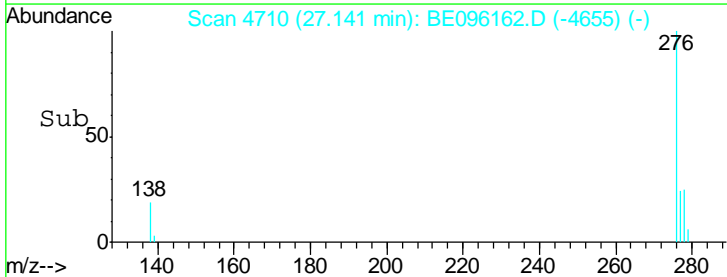
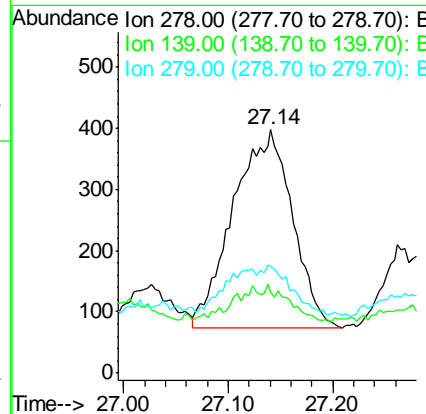
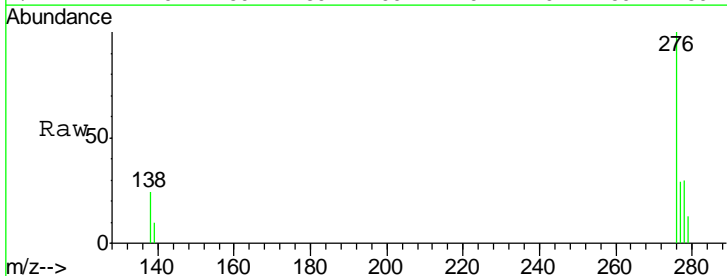
Instrument :  
 BNA\_E  
 ClientSampled :

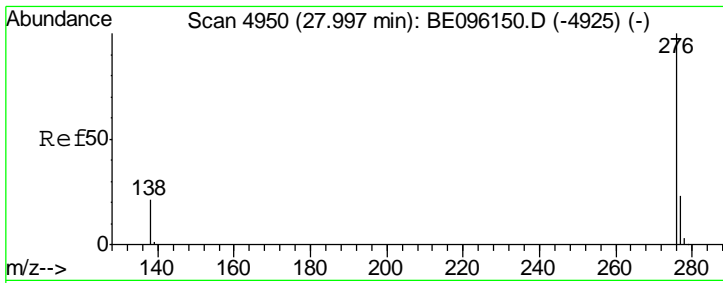
Tgt Ion	Resp	Lower	Upper
276	4709		
138	20.6	28.0	42.0#
227	0.0	8.0	12.0#



#25  
 Dibenzo(a,h)anthracene  
 Concen: 0.056 ng/ul  
 RT: 27.14 min Scan# 4710  
 Delta R.T. -0.00 min  
 Lab File: BE096162.D  
 Acq: 25 Apr 2018 23:42

Tgt Ion	Resp	Lower	Upper
278	1273		
139	33.2	17.4	26.0#
279	43.7	25.9	38.9#





#26  
 Benzo(a,h,i)perylene  
 Concen: 0.193 ng/ul  
 RT: 27.99 min Scan# 4949  
 Delta R.T. -0.00 min  
 Lab File: BE096162.D  
 Acq: 25 Apr 2018 23:42

Instrument :  
 BNA\_E  
 ClientSampleId :

Tot Ion	276	Resp	4564
Ion	Ratio	Lower	Upper
276	100		
138	23.4	21.8	32.8
277	27.0	20.5	30.7

