

Data File : BM018620.D  
 Acq On : 17 Jan 2019 18:47  
 Operator : JU/SJ  
 Sample : K1139-15  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 S-8

Quant Time: Jan 18 04:44:26 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 10 05:57:41 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	410273	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1619792	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	883684	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1738168	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1317787	20.00	ng	-0.02
87) Perylene-d12	23.60	264	1340253	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	2298906	103.47	ng	-0.02
7) Phenol-d6	6.92	99	3036347	107.59	ng	-0.02
23) Nitrobenzene-d5	8.90	82	2002075	71.65	ng	-0.02
42) 2,4,6-Tribromophenol	15.88	330	966985	85.94	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	4022477	59.40	ng	-0.02
79) Terphenyl-d14	19.77	244	3859940	61.75	ng	-0.02

Target Compounds

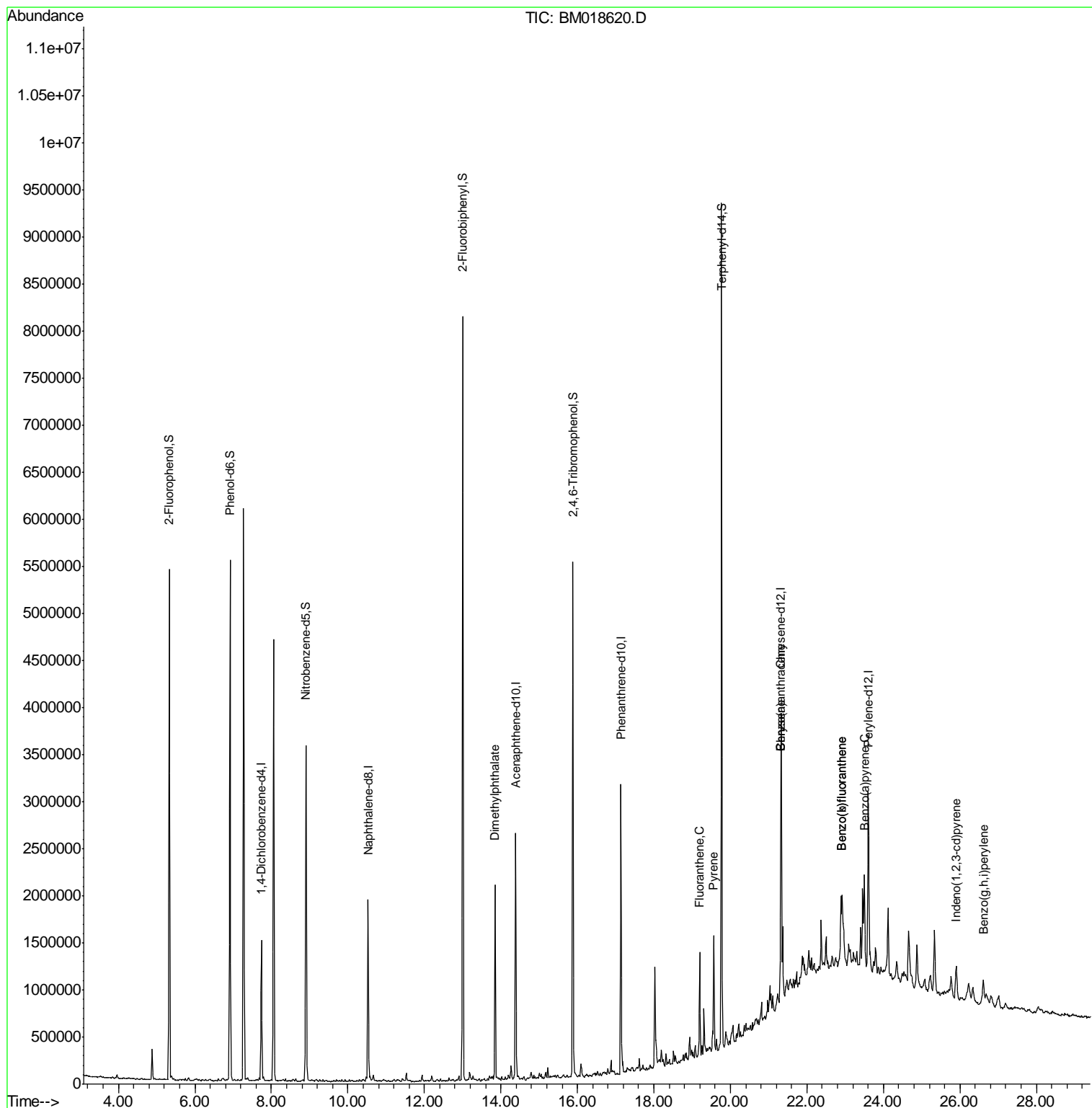
						Qvalue
50) Dimethylphthalate	13.85	163	1307105	18.011	ng	99
75) Fluoranthene	19.20	202	573770	5.383	ng	97
78) Pyrene	19.56	202	732530	9.378	ng	98
81) Benzo(a)anthracene	21.32	228	430974	5.551	ng	97
83) Chrysene	21.32	228	427201	5.699	ng	94
86) Indeno(1,2,3-cd)pyrene	25.90	276	312503	3.615	ng	# 93
88) Benzo(b)fluoranthene	22.92	252	652114	8.570	ng	96
89) Benzo(k)fluoranthene	22.92	252	652114	8.504	ng	96
90) Benzo(a)pyrene	23.50	252	486745	6.682	ng	97
92) Benzo(g,h,i)perylene	26.62	276	308814	4.299	ng	98

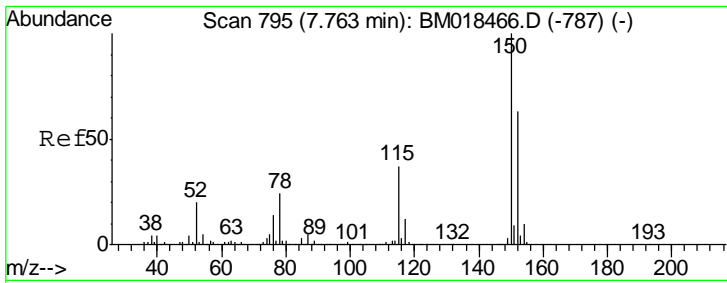
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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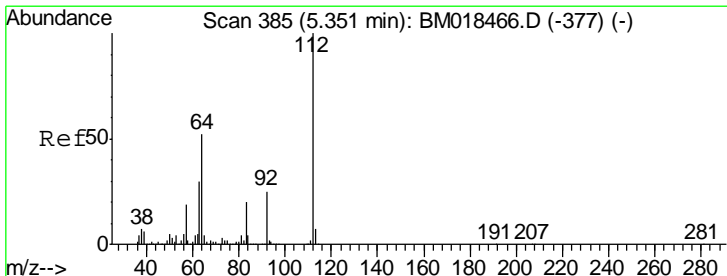
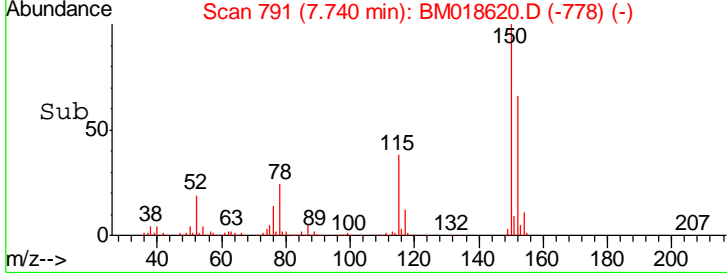
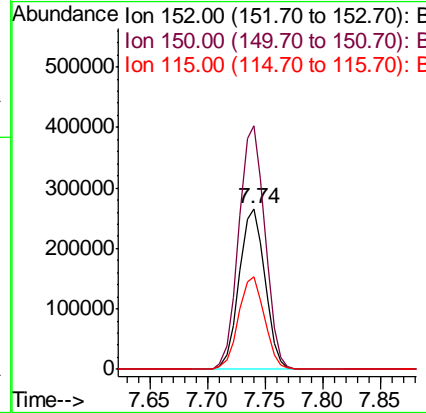
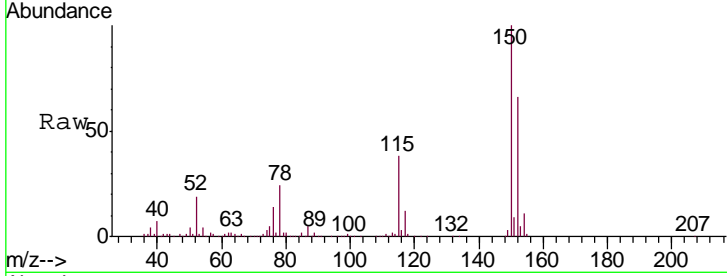




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.74 min Scan# 791  
 Delta R.T. -0.02 min  
 Lab File: BM018620.D  
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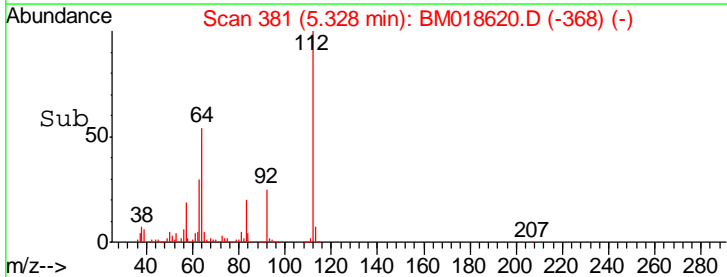
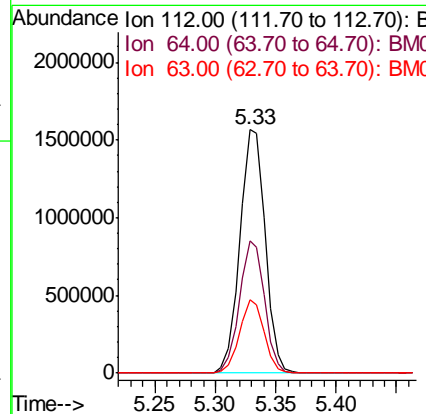
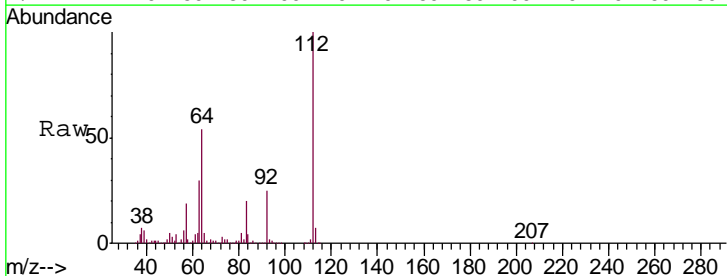
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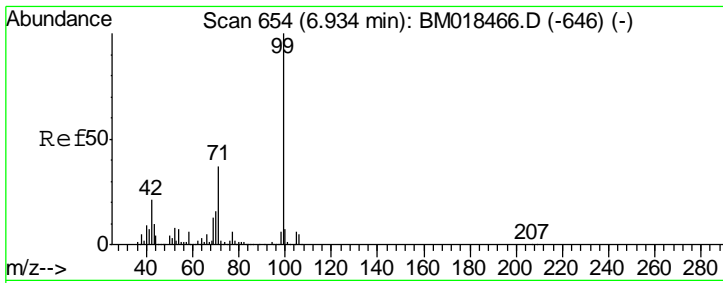
Tgt Ion	Resp	Lower	Upper
152	410273		
150	151.8	126.9	190.3
115	57.4	45.5	68.3



#5  
 2-Fluorophenol  
 Concen: 103.466 ng  
 RT: 5.33 min Scan# 381  
 Delta R.T. -0.02 min  
 Lab File: BM018620.D  
 Acq: 17 Jan 2019 18:47

Tgt Ion	Resp	Lower	Upper
112	2298906		
64	54.2	46.5	69.7
63	29.9	25.2	37.8

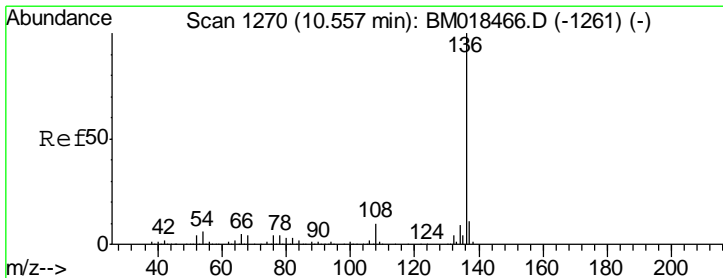
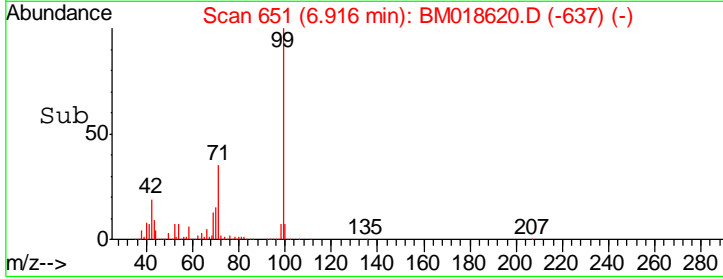
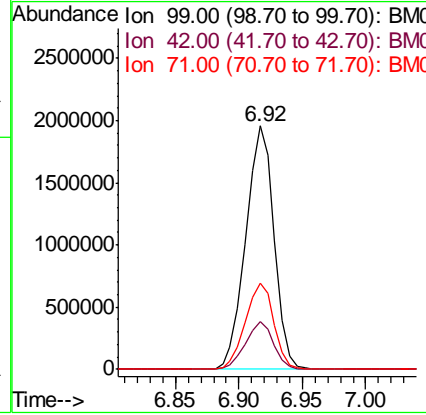
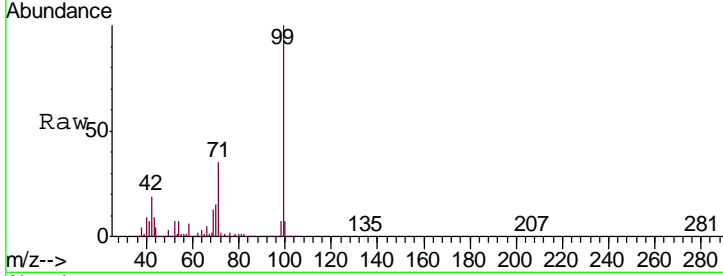




#7  
 Phenol-d6  
 Concen: 107.592 ng  
 RT: 6.92 min Scan# 651  
 Delta R.T. -0.02 min  
 Lab File: BM018620.D  
 Acq: 17 Jan 2019 18:47

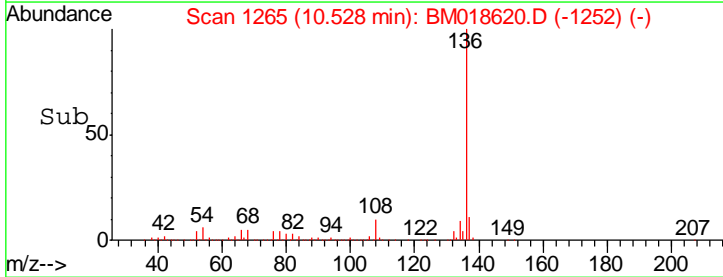
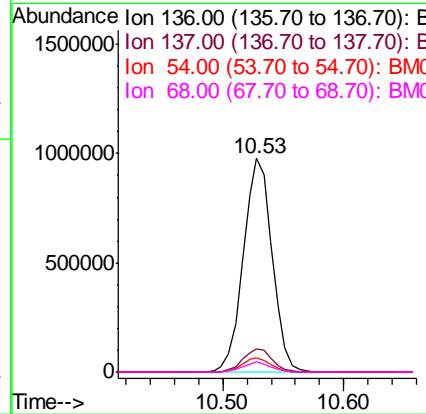
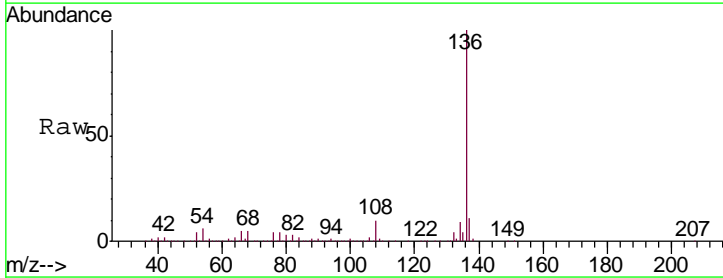
Instrument :  
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 ClientSampled :  
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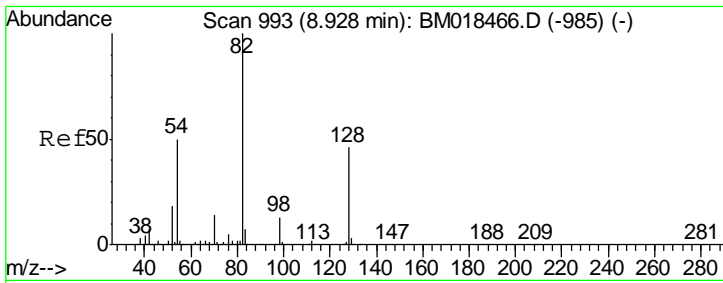
Tgt Ion	Resp	Lower	Upper
99	3036347		
42	19.5	17.3	25.9
71	35.5	28.0	42.0



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.53 min Scan# 1265  
 Delta R.T. -0.02 min  
 Lab File: BM018620.D  
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Tgt Ion	Resp	Lower	Upper
136	1619792		
137	10.8	8.5	12.7
54	6.4	6.0	9.0
68	4.7	4.5	6.7

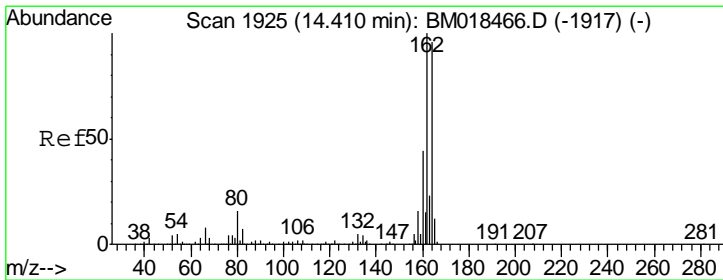
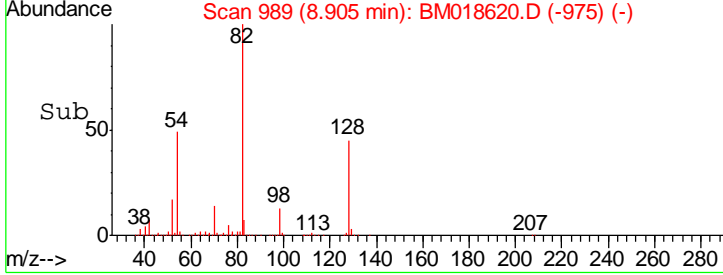
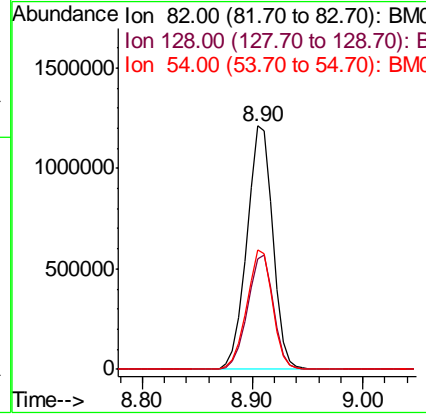
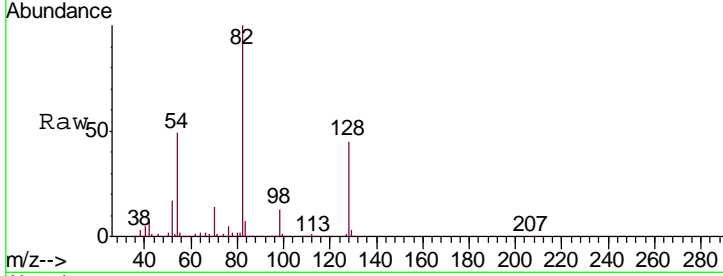




#23  
 Nitrobenzene-d5  
 Concen: 71.653 ng  
 RT: 8.90 min Scan# 989  
 Delta R.T. -0.02 min  
 Lab File: BM018620.D  
 Acq: 17 Jan 2019 18:47

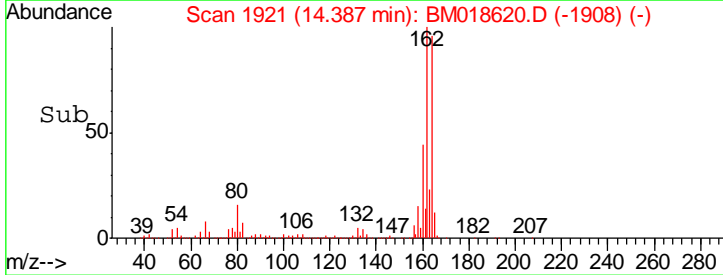
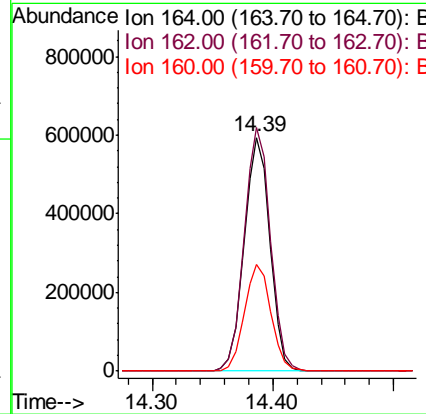
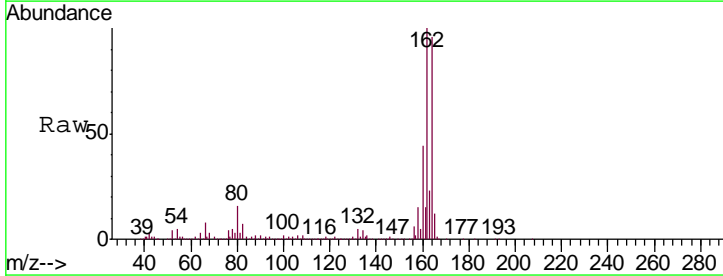
**Instrument :**  
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**ClientSampled :**  
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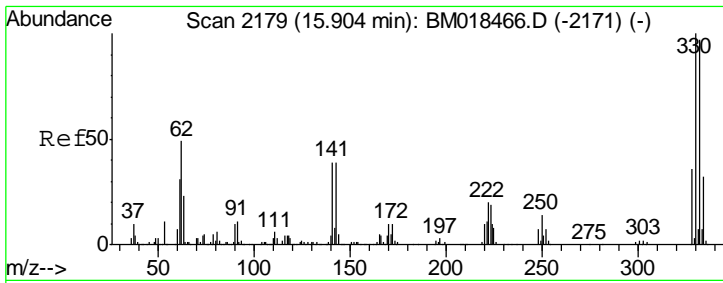
Tgt Ion	Resp	Lower	Upper
82	2002075		
128	45.5	36.3	54.5
54	49.0	41.7	62.5



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.39 min Scan# 1921  
 Delta R.T. -0.02 min  
 Lab File: BM018620.D  
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Tgt Ion	Resp	Lower	Upper
164	883684		
162	104.2	83.0	124.4
160	45.7	37.1	55.7

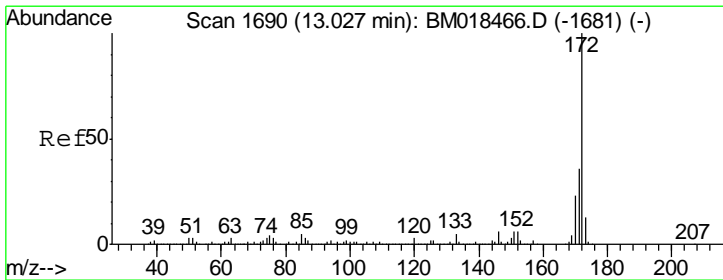
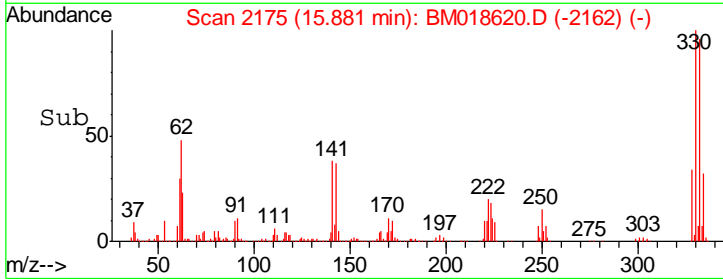
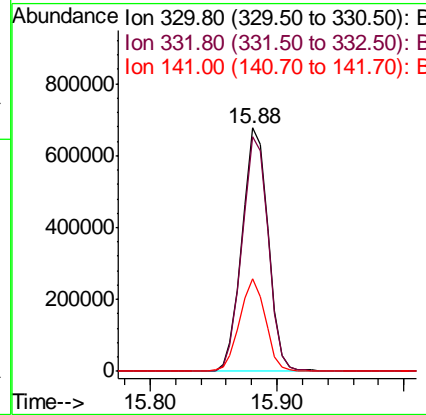
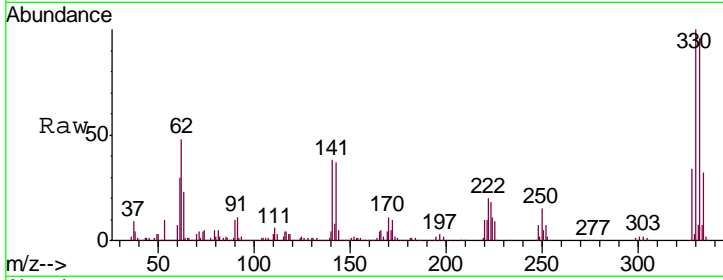




#42  
 2,4,6-Tribromophenol  
 Concen: 85.941 ng  
 RT: 15.88 min Scan# 2175  
 Delta R.T. -0.02 min  
 Lab File: BM018620.D  
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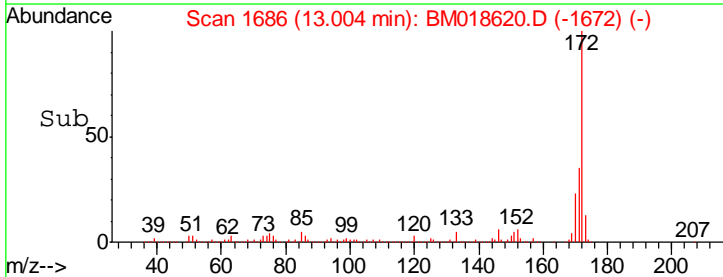
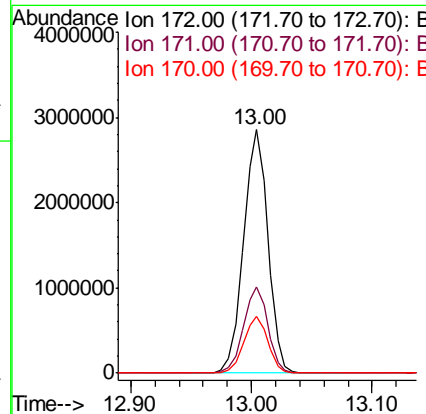
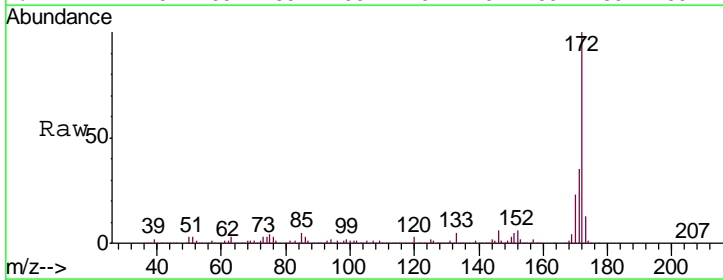
Instrument :  
 BNA\_M  
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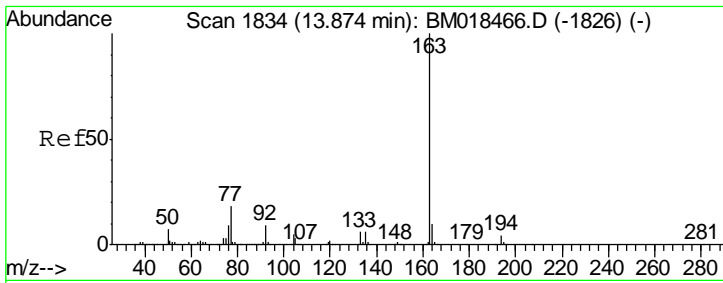
Tgt Ion	Resp	Lower	Upper
330	100		
332	96.8	77.6	116.4
141	37.1	31.7	47.5



#45  
 2-Fluorobiphenyl  
 Concen: 59.397 ng  
 RT: 13.00 min Scan# 1686  
 Delta R.T. -0.02 min  
 Lab File: BM018620.D  
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Tgt Ion	Resp	Lower	Upper
172	100		
171	35.4	28.2	42.4
170	23.5	18.9	28.3



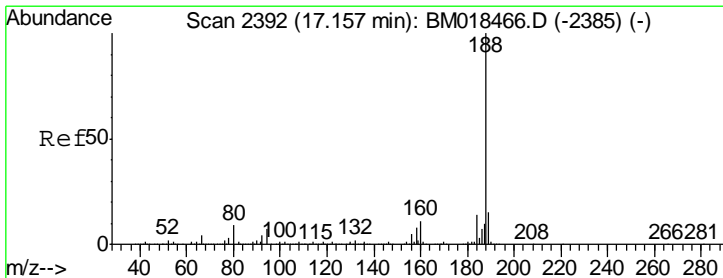
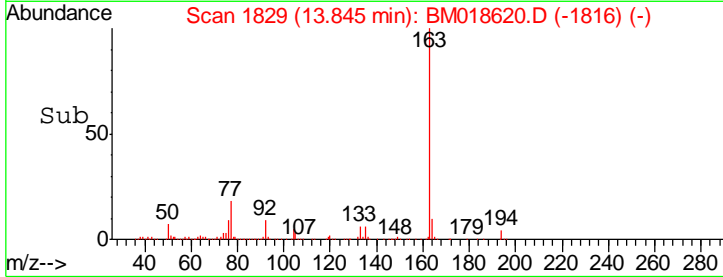
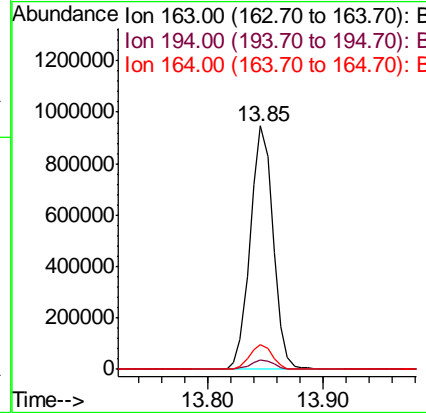
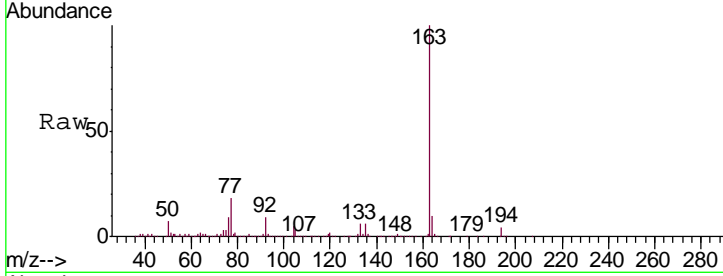


#50  
 Dimethylphthalate  
 Concen: 18.011 ng  
 RT: 13.85 min Scan# 1829  
 Delta R.T. -0.02 min  
 Lab File: BM018620.D  
 Acq: 17 Jan 2019 18:47

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Tgt Ion:163 Resp: 1307105

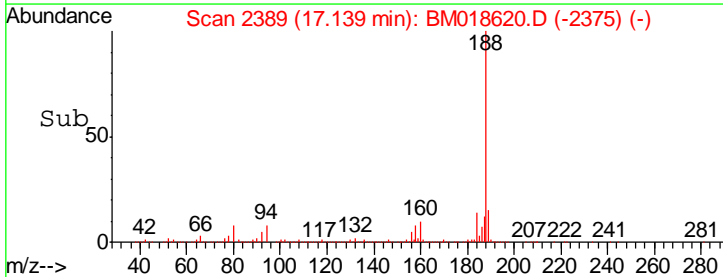
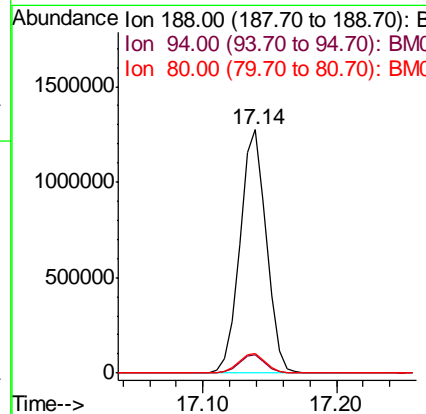
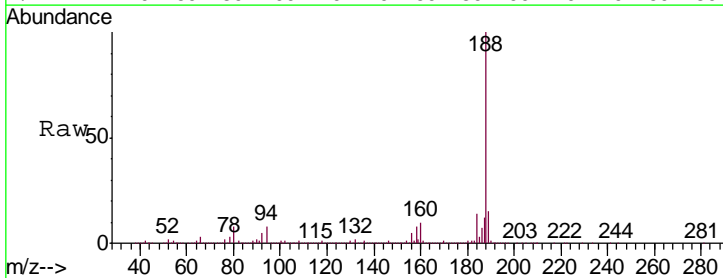
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.1	7.8	11.8

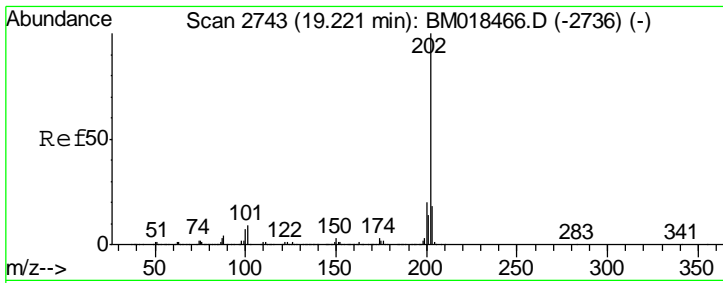


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.14 min Scan# 2389  
 Delta R.T. -0.02 min  
 Lab File: BM018620.D  
 Acq: 17 Jan 2019 18:47

Tgt Ion:188 Resp: 1738168

Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.1	10.7
80	7.9	7.6	11.4

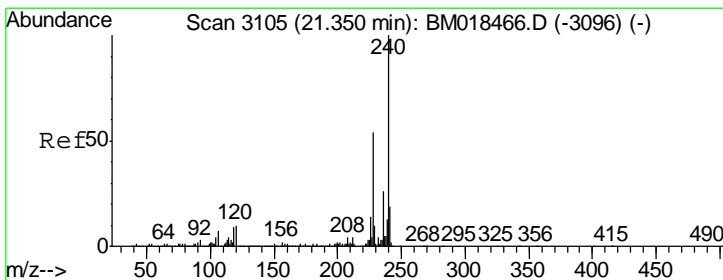
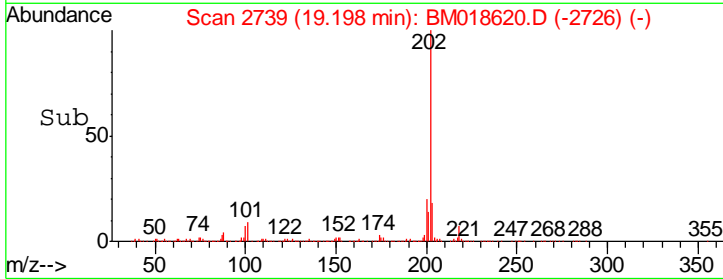
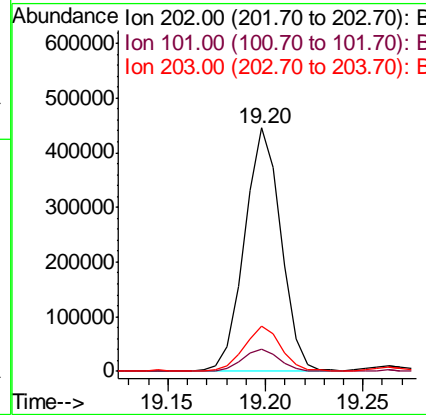
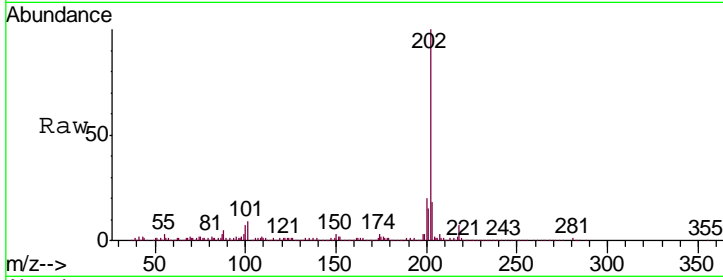




#75  
 Fluoranthene  
 Concen: 5.383 ng  
 RT: 19.20 min Scan# 2739  
 Delta R.T. -0.02 min  
 Lab File: BM018620.D  
 Acq: 17 Jan 2019 18:47

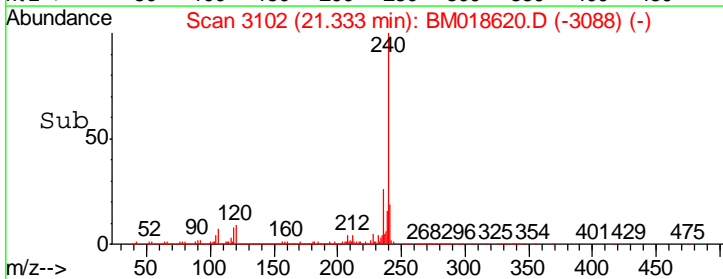
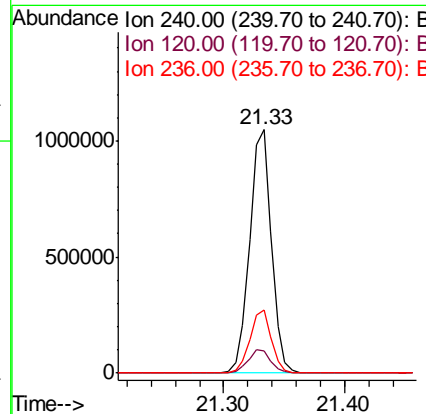
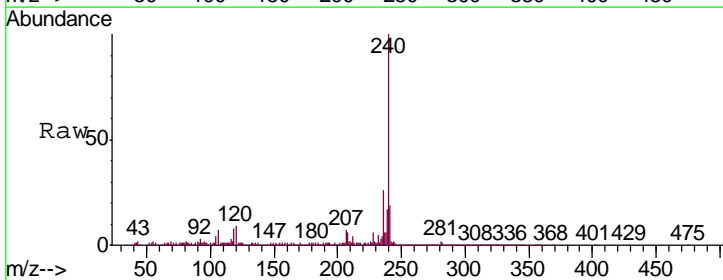
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 BNA\_M  
 ClientSampled :  
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Tgt Ion	Resp	Lower	Upper
202	100		
101	9.2	0.0	30.9
203	18.5	0.0	37.4

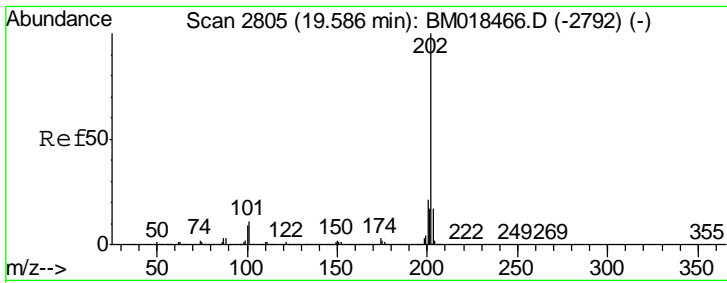


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.33 min Scan# 3102  
 Delta R.T. -0.02 min  
 Lab File: BM018620.D  
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Tgt Ion	Resp	Lower	Upper
240	100		
120	9.1	8.4	12.6
236	26.0	20.7	31.1



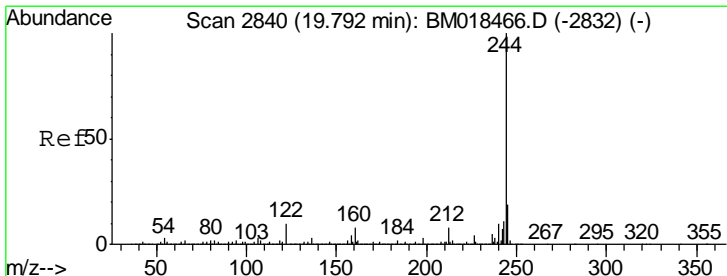
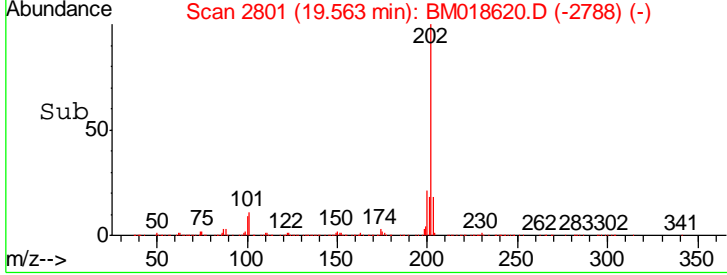
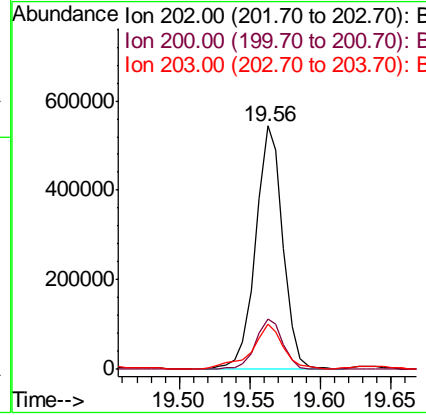
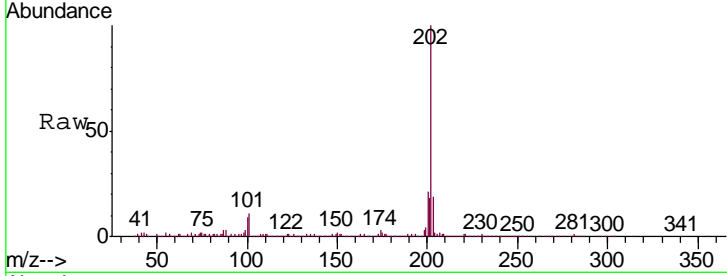




#78  
 Pyrene  
 Concen: 9.378 ng  
 RT: 19.56 min Scan# 2801  
 Delta R.T. -0.02 min  
 Lab File: BM018620.D  
 Acq: 17 Jan 2019 18:47

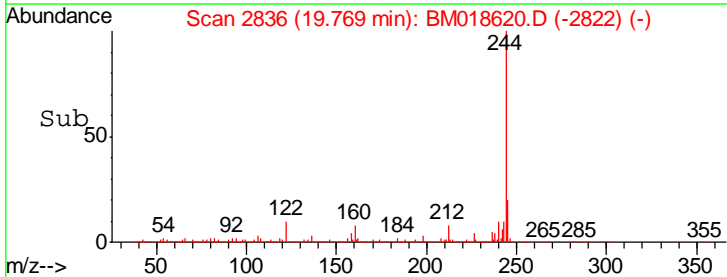
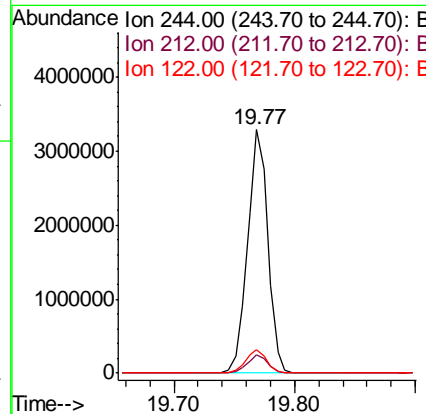
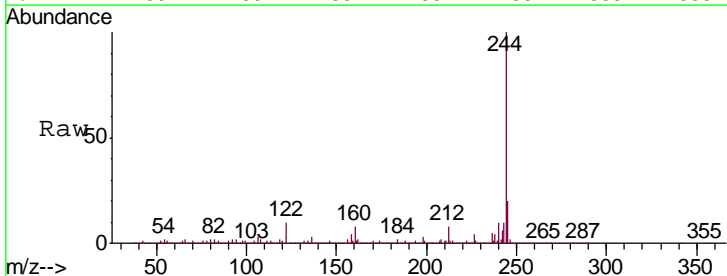
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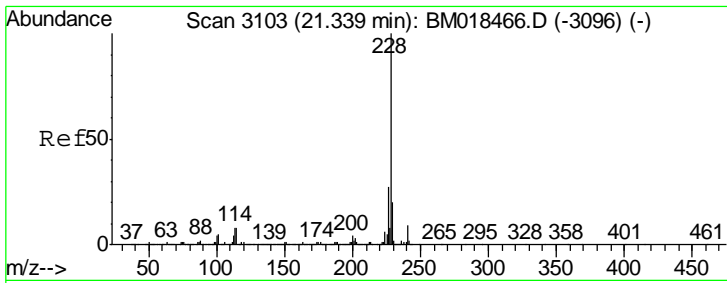
Tgt Ion	Resp	Lower	Upper
202	732530		
200	20.6	16.6	24.8
203	18.8	13.8	20.8



#79  
 Terphenyl-d14  
 Concen: 61.747 ng  
 RT: 19.77 min Scan# 2836  
 Delta R.T. -0.02 min  
 Lab File: BM018620.D  
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Tgt Ion	Resp	Lower	Upper
244	3859940		
212	7.6	5.9	8.9
122	9.8	9.0	13.4

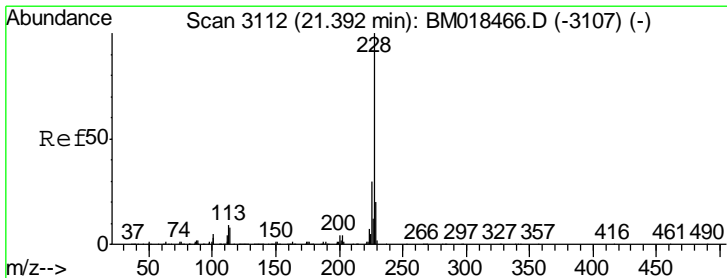
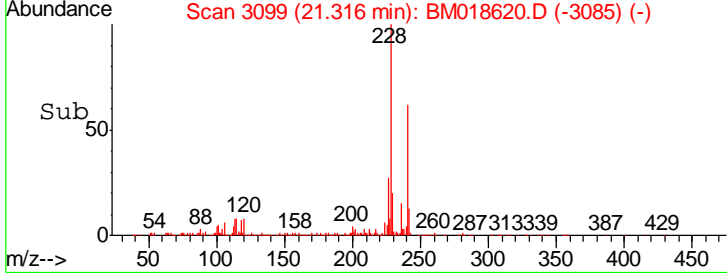
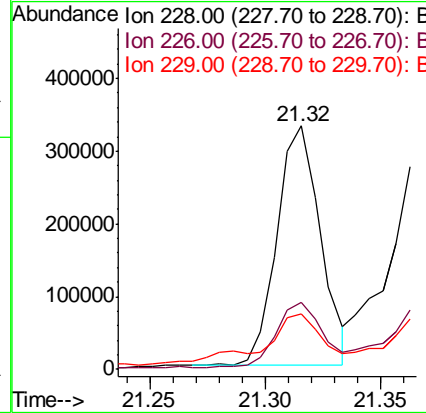
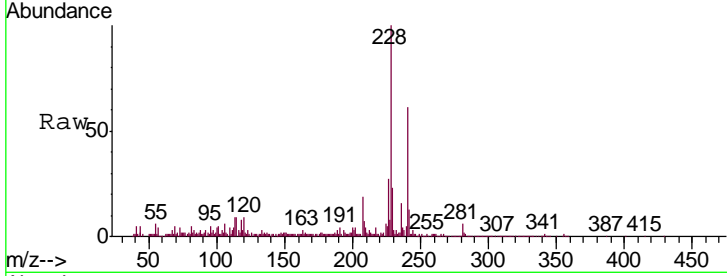




#81  
 Benzo(a)anthracene  
 Concen: 5.551 ng  
 RT: 21.32 min Scan# 3099  
 Delta R.T. -0.02 min  
 Lab File: BM018620.D  
 Acq: 17 Jan 2019 18:47

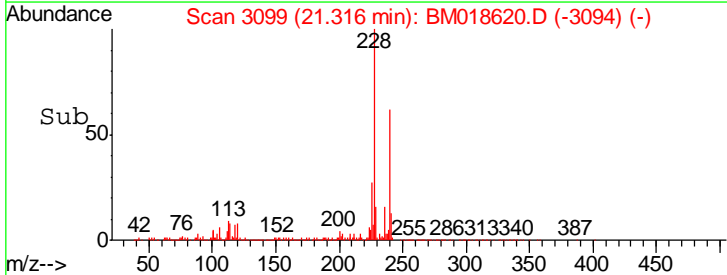
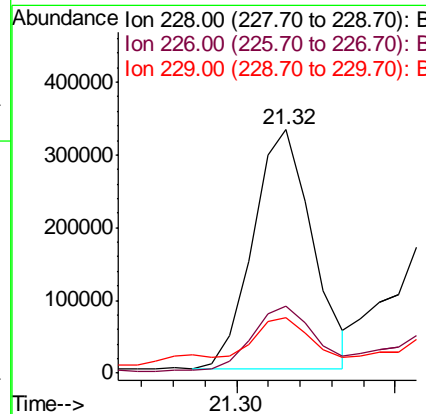
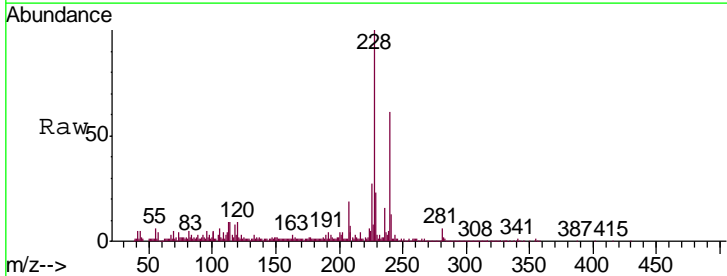
Instrument :  
 BNA\_M  
 ClientSampled :  
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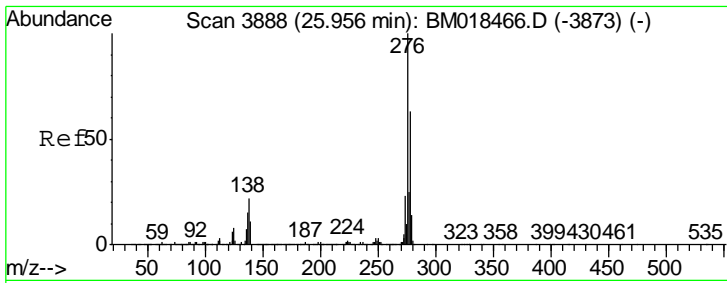
Tgt Ion	Resp	Lower	Upper
228	100		
226	27.4	21.8	32.6
229	22.9	15.8	23.8



#83  
 Chrysene  
 Concen: 5.699 ng  
 RT: 21.32 min Scan# 3099  
 Delta R.T. -0.07 min  
 Lab File: BM018620.D  
 Acq: 17 Jan 2019 18:47

Tgt Ion	Resp	Lower	Upper
228	100		
226	27.4	24.2	36.2
229	22.9	15.6	23.4

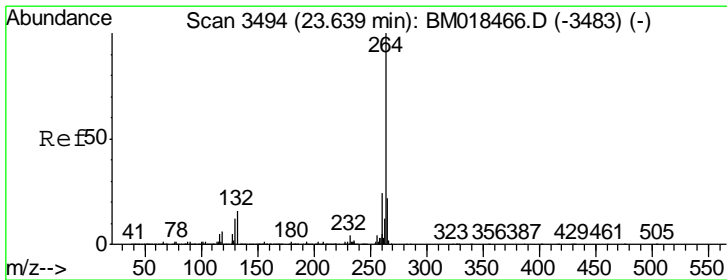
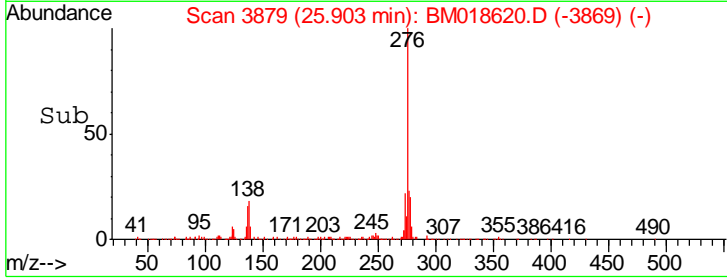
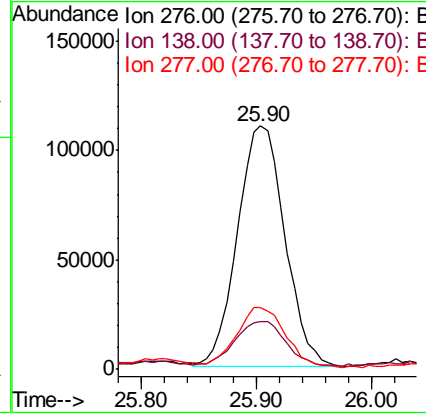
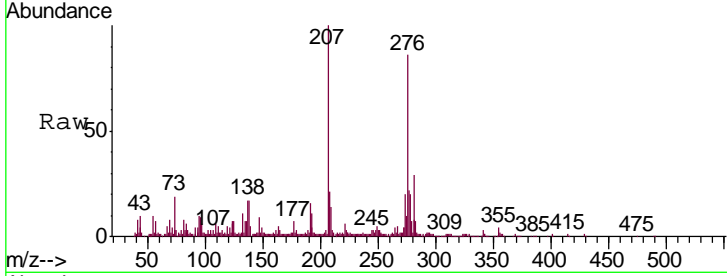




#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 3.615 ng  
 RT: 25.90 min Scan# 3879  
 Delta R.T. -0.04 min  
 Lab File: BM018620.D  
 Acq: 17 Jan 2019 18:47

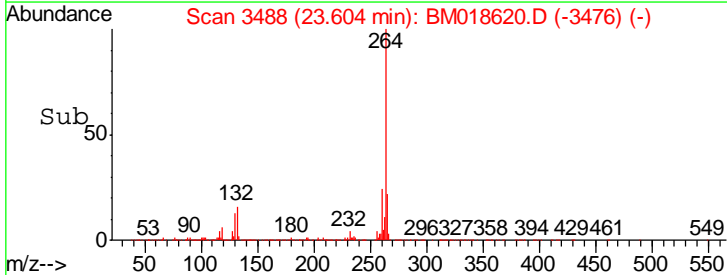
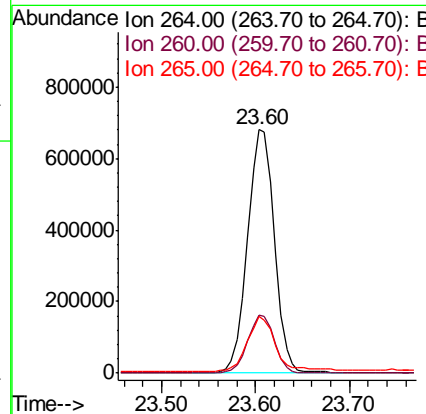
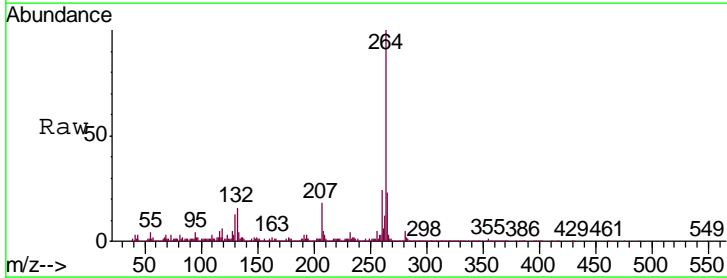
Instrument :  
 BNA\_M  
 ClientSampled :  
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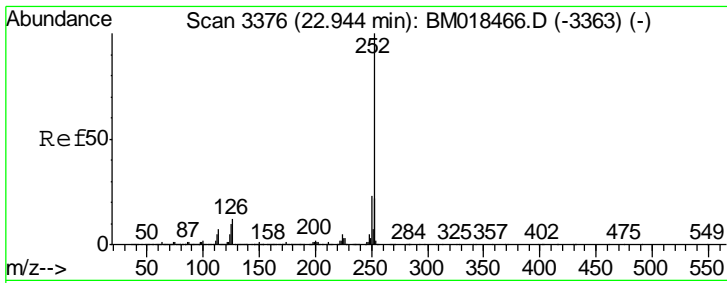
Tgt Ion	Resp	Lower	Upper
276	312503		
138	20.0	21.5	32.3#
277	25.5	20.2	30.2



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.60 min Scan# 3488  
 Delta R.T. -0.03 min  
 Lab File: BM018620.D  
 Acq: 17 Jan 2019 18:47

Tgt Ion	Resp	Lower	Upper
264	1340253		
260	23.8	18.9	28.3
265	23.0	16.8	25.2

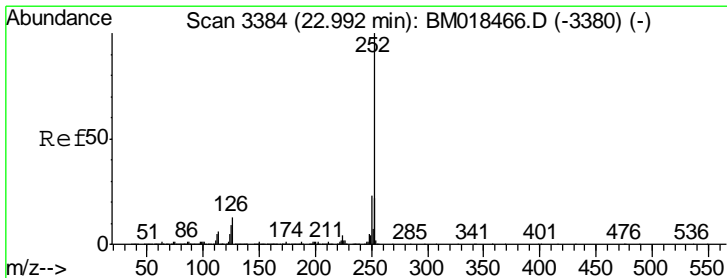
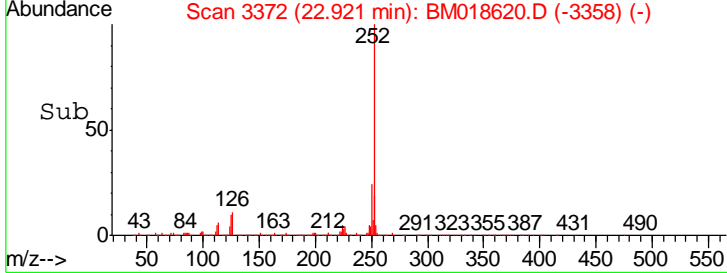
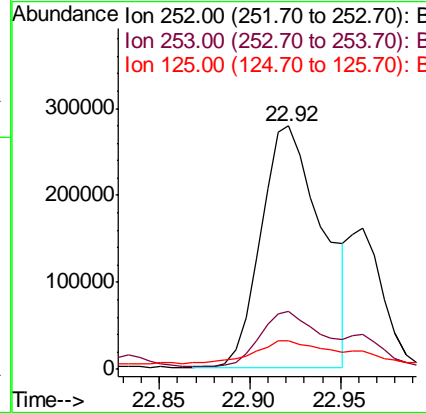
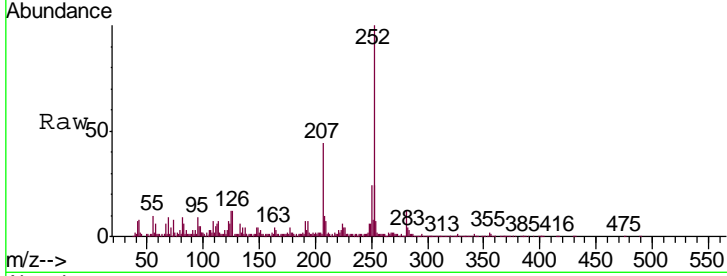




#88  
 Benzo(b)fluoranthene  
 Concen: 8.570 ng  
 RT: 22.92 min Scan# 3372  
 Delta R.T. -0.02 min  
 Lab File: BM018620.D  
 Acq: 17 Jan 2019 18:47

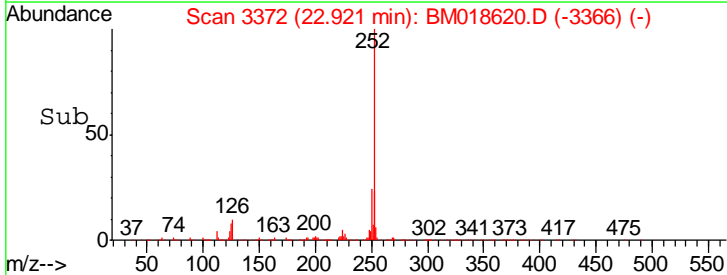
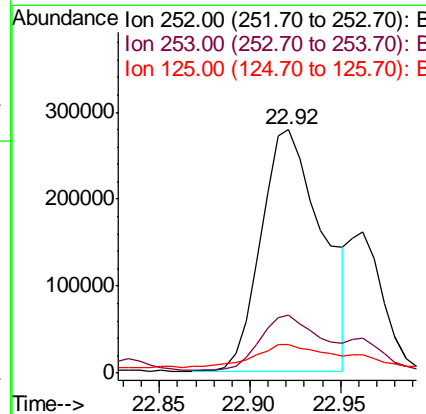
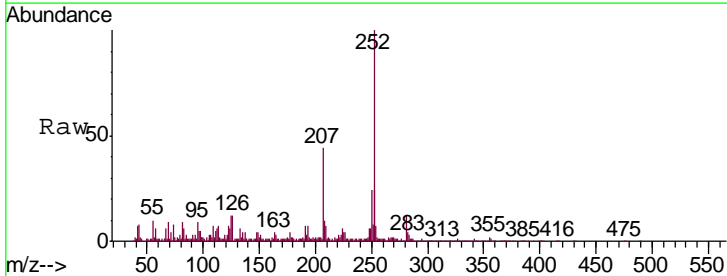
Instrument :  
 BNA\_M  
 ClientSampled :  
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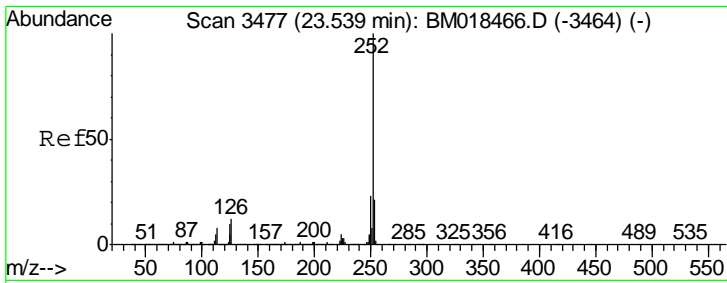
Tgt Ion	Resp	Lower	Upper
252	100		
253	23.8	17.6	26.4
125	12.0	8.5	12.7



#89  
 Benzo(k)fluoranthene  
 Concen: 8.504 ng  
 RT: 22.92 min Scan# 3372  
 Delta R.T. -0.06 min  
 Lab File: BM018620.D  
 Acq: 17 Jan 2019 18:47

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.8	17.4	26.0
125	12.0	8.6	12.8

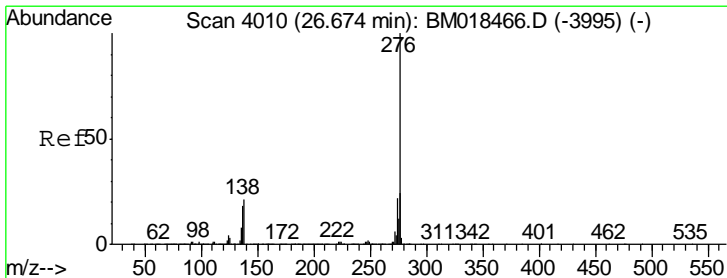
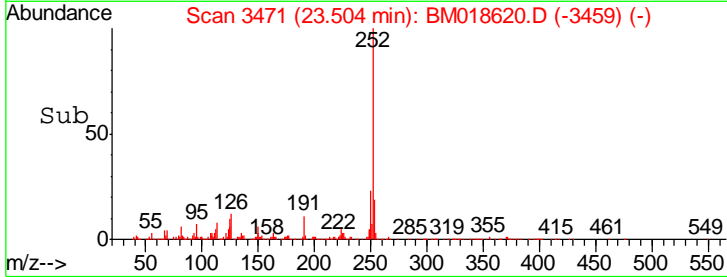
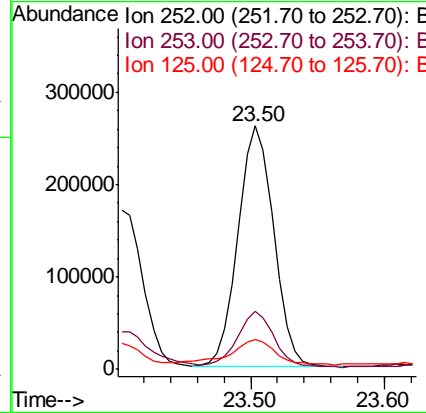
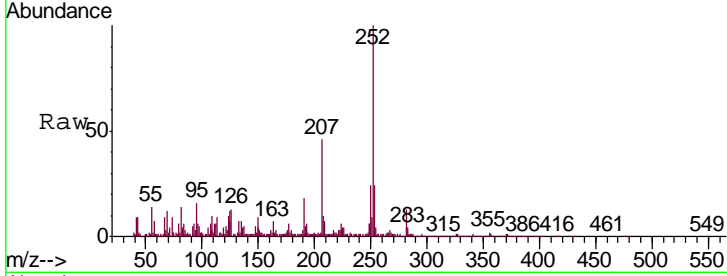




#90  
 Benzo(a)pyrene  
 Concen: 6.682 ng  
 RT: 23.50 min Scan# 3471  
 Delta R.T. -0.03 min  
 Lab File: BM018620.D  
 Acq: 17 Jan 2019 18:47

Instrument :  
 BNA\_M  
 ClientSampled :  
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Tgt Ion	Resp	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	12.4	9.7	14.5



#92  
 Benzo(g,h,i)perylene  
 Concen: 4.299 ng  
 RT: 26.62 min Scan# 4000  
 Delta R.T. -0.04 min  
 Lab File: BM018620.D  
 Acq: 17 Jan 2019 18:47

Tgt Ion	Resp	Lower	Upper
276	100		
277	23.2	19.0	28.4
138	21.1	18.1	27.1

