

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022019\
 Data File : BE098741.D
 Acq On : 20 Feb 2019 14:56
 Operator : JU/SJ
 Sample : K1528-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-1

Quant Time: Feb 20 18:02:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 24 14:44:44 2019
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

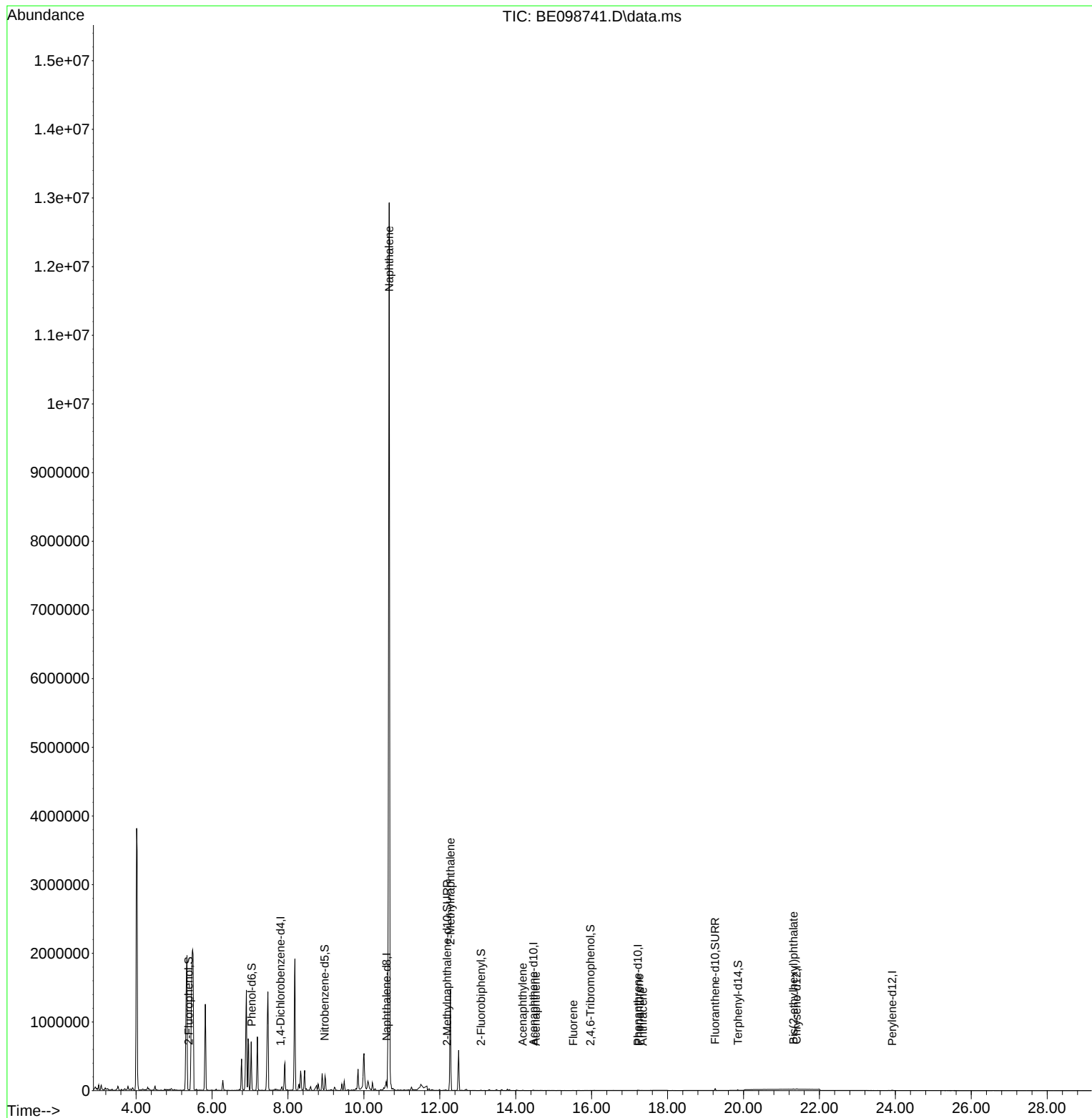
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	1188	0.40	ng	0.00
7) Naphthalene-d8	10.601	136	4715	0.40	ng	# 0.00
13) Acenaphthene-d10	14.470	164	2933	0.40	ng	0.00
19) Phenanthrene-d10	17.215	188	6491	0.40	ng	#-0.01
27) Chrysene-d12	21.401	240	7367	0.40	ng	#-0.01
34) Perylene-d12	23.915	264	7107	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.386	112	4195	1.19	ng	-0.01
5) Phenol-d6	7.045	99	4187	0.81	ng	0.04
8) Nitrobenzene-d5	8.964	82	1948	0.42	ng	-0.01
11) 2-Methylnaphthalene-d10	12.194	152	3276	0.36	ng	-0.02
14) 2,4,6-Tribromophenol	15.970	330	691	0.53	ng	-0.01
15) 2-Fluorobiphenyl	13.087	172	5365	0.43	ng	-0.02
25) Fluoranthene-d10	19.254	212	35262	0.38	ng	0.00
29) Terphenyl-d14	19.851	244	7188	0.39	ng	0.00
Target Compounds						
9) Naphthalene	10.666	128	22582968	417.98	ng	Qvalue 100
12) 2-Methylnaphthalene	12.280	142	913824	101.85	ng	97
16) Acenaphthylene	14.182	152	738	0.05	ng	# 18
17) Acenaphthene	14.528	154	800	0.09	ng	# 78
18) Fluorene	15.515	166	1501	0.12	ng	# 90
23) Phenanthrene	17.255	178	1662	0.09	ng	# 77
24) Anthracene	17.349	178	526	0.10	ng	# 84
32) Bis(2-ethylhexyl)phtha...	21.317	149	6721	0.16	ng	# 94

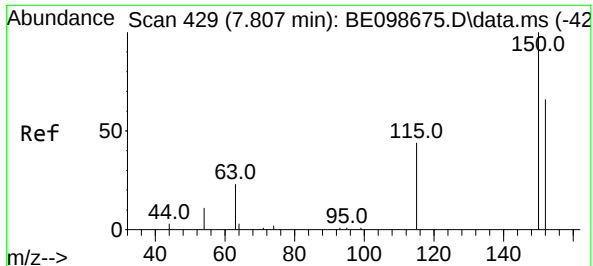
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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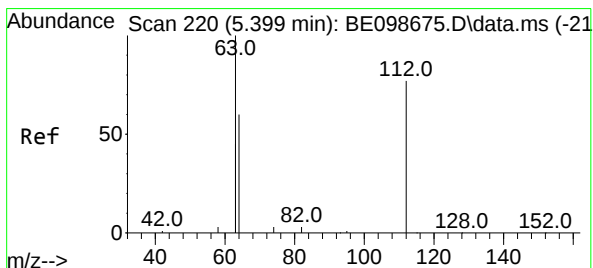
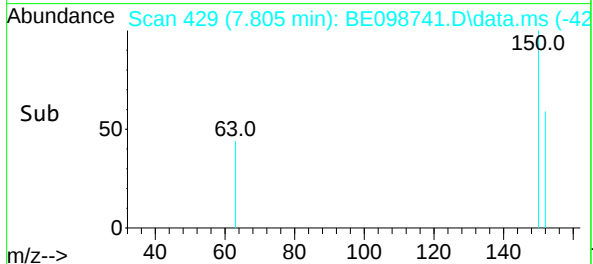
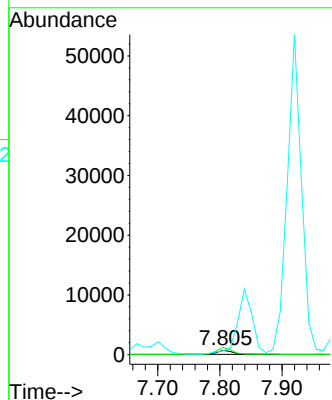
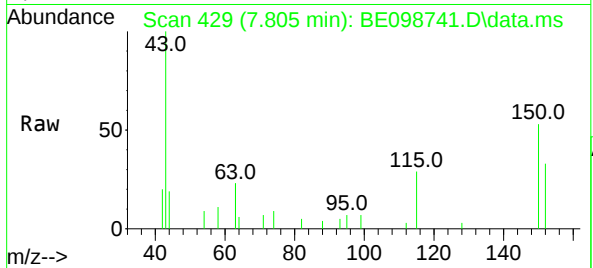




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.805 min Scan# 429
 Delta R.T. -0.002 min
 Lab File: BE098741.D
 Acq: 20 Feb 2019 14:56

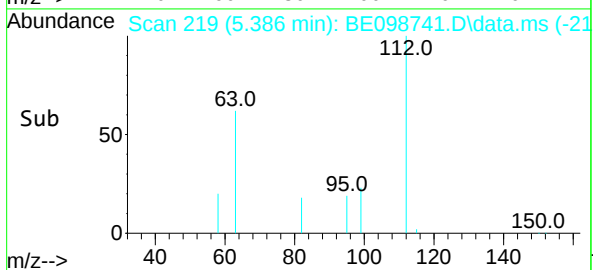
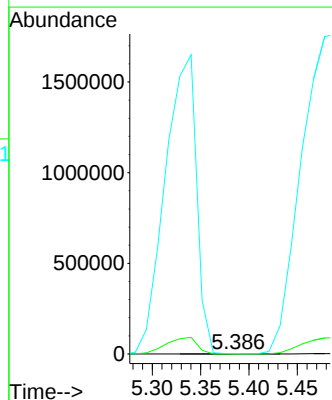
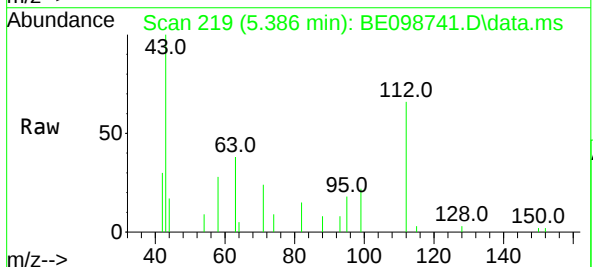
Instrument :
 BNA_E
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 MW-1

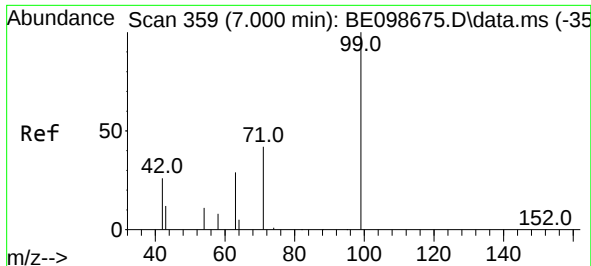
Tgt Ion:152 Resp: 1188
 Ion Ratio Lower Upper
 152 100
 150 163.6 121.4 182.2
 115 87.9 59.1 88.7



#4
 2-Fluorophenol
 Concen: 1.19 ng
 RT: 5.386 min Scan# 219
 Delta R.T. -0.013 min
 Lab File: BE098741.D
 Acq: 20 Feb 2019 14:56

Tgt Ion:112 Resp: 4195
 Ion Ratio Lower Upper
 112 100
 64 0.0 62.9 94.3#
 63 0.0 152.2 228.4#

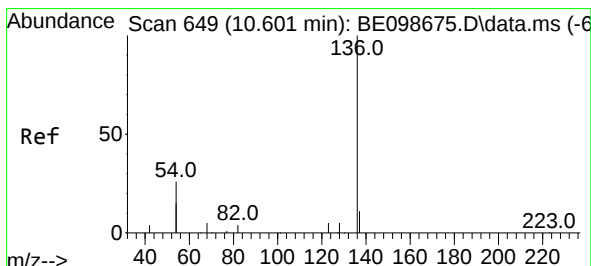
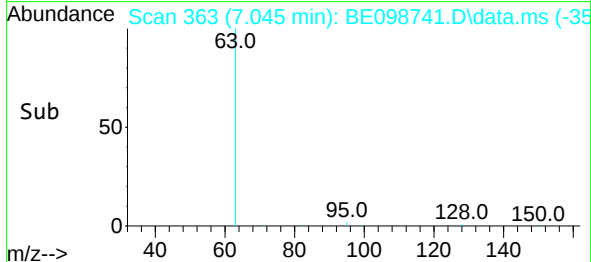
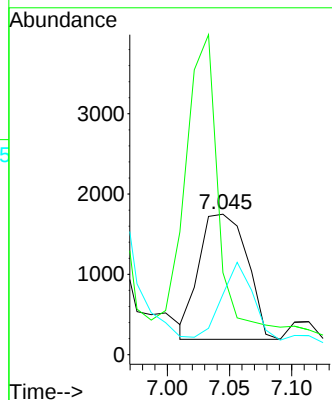
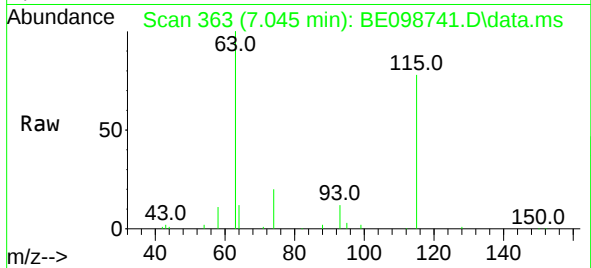




#5
Phenol-d6
Concen: 0.81 ng
RT: 7.045 min Scan# 363
Delta R.T. 0.045 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

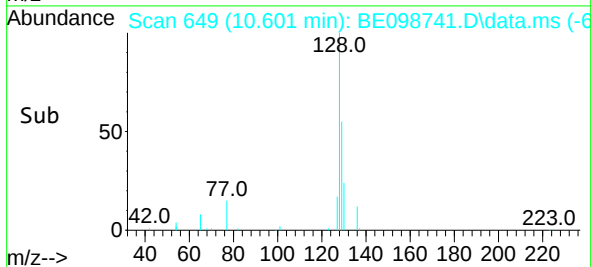
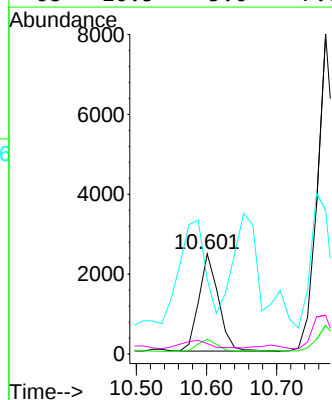
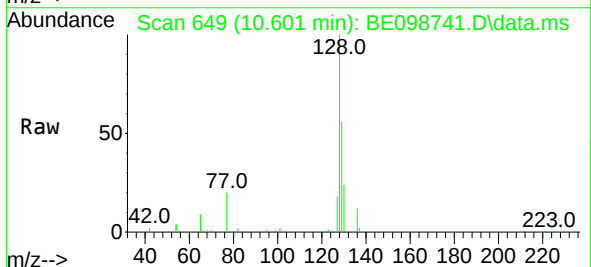
Instrument :
BNA_E
ClientSampleId :
MW-1

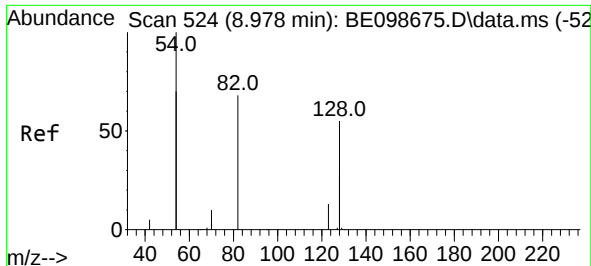
Tgt Ion: 99 Resp: 4187
Ion Ratio Lower Upper
99 100
42 0.0 24.6 37.0#
71 50.8 35.1 52.7



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.601 min Scan# 649
Delta R.T. 0.000 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion: 136 Resp: 4715
Ion Ratio Lower Upper
136 100
137 14.7 9.7 14.5#
54 74.5 35.5 53.3#
68 10.5 5.0 7.6#

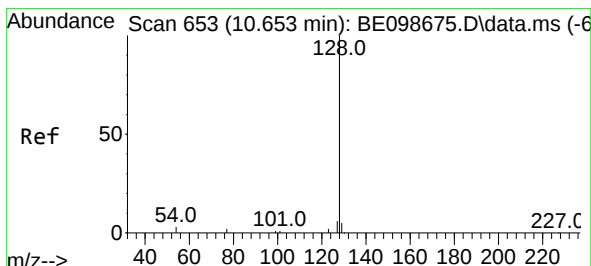
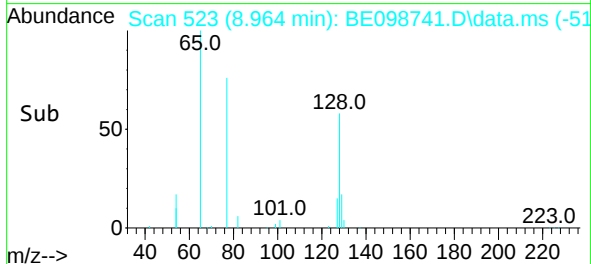
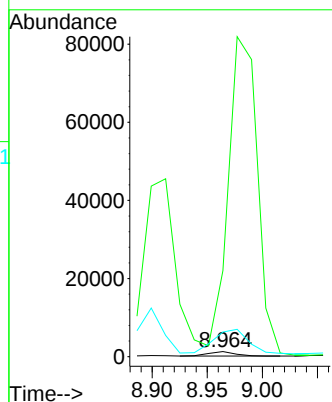
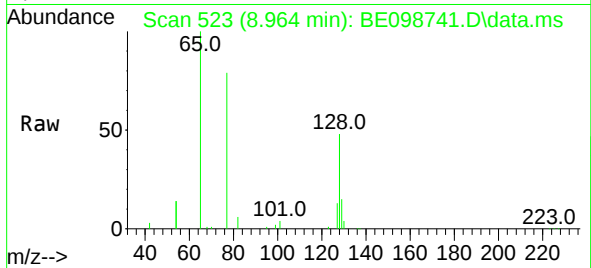




#8
Nitrobenzene-d5
Concen: 0.42 ng
RT: 8.964 min Scan# 523
Delta R.T. -0.014 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

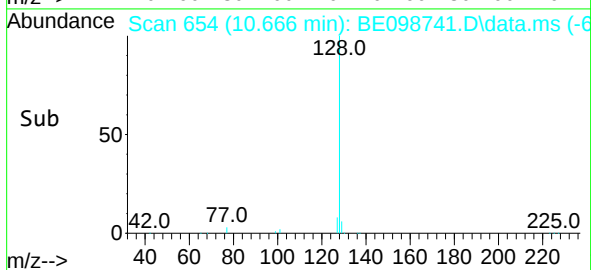
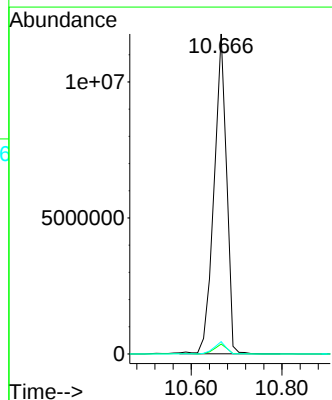
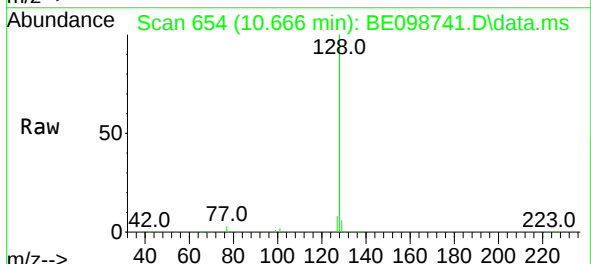
Instrument :
BNA_E
ClientSampleId :
MW-1

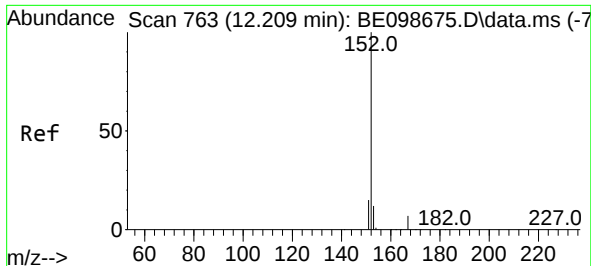
Tgt Ion: 82 Resp: 1948
Ion Ratio Lower Upper
82 100
128 1697.4 96.5 144.7#
54 486.4 224.7 337.1#



#9
Naphthalene
Concen: 417.98 ng
RT: 10.666 min Scan# 654
Delta R.T. 0.013 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion: 128 Resp: 22582968
Ion Ratio Lower Upper
128 100
129 3.1 2.6 3.8
127 3.8 3.0 4.6

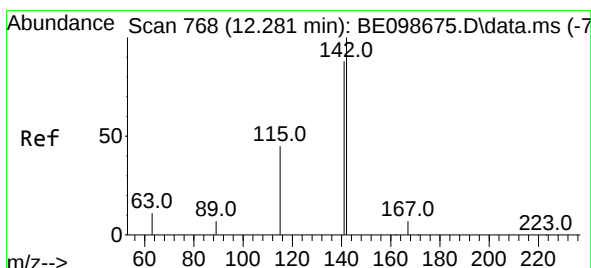
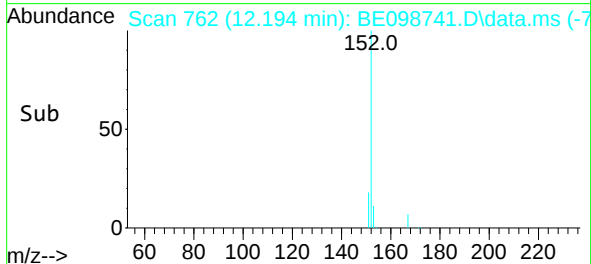
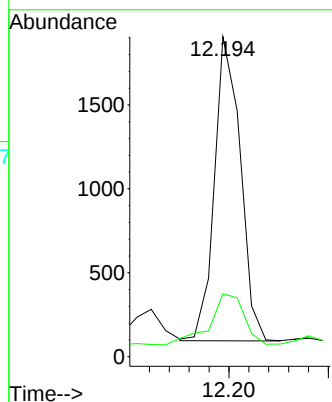
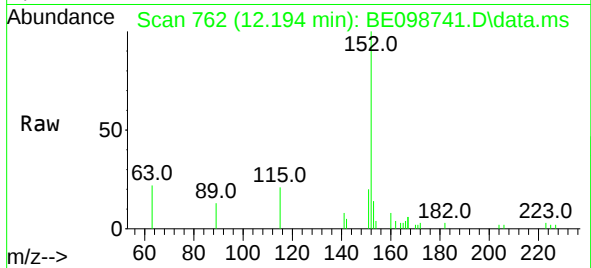




#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.194 min Scan# 762
Delta R.T. -0.015 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

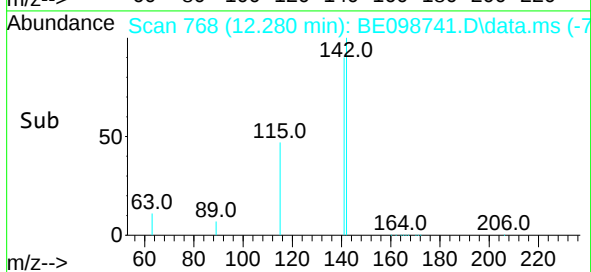
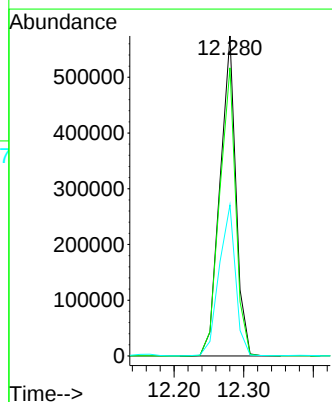
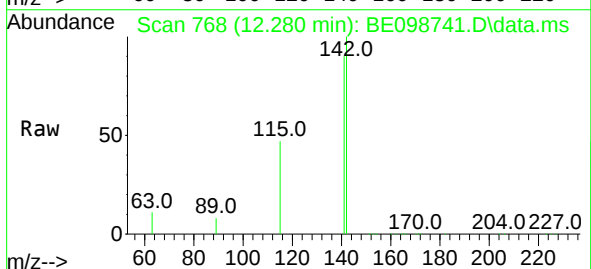
Instrument :
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ClientSampleId :
MW-1

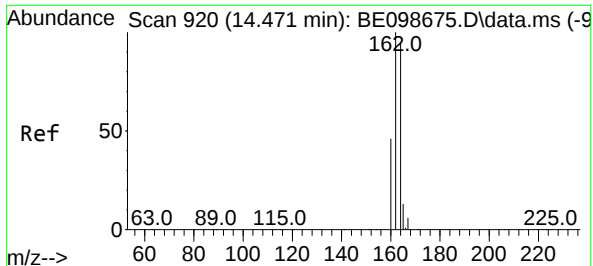
Tgt Ion:152 Resp: 3276
Ion Ratio Lower Upper
152 100
151 22.4 16.2 24.4



#12
2-Methylnaphthalene
Concen: 101.85 ng
RT: 12.280 min Scan# 768
Delta R.T. -0.001 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:142 Resp: 913824
Ion Ratio Lower Upper
142 100
141 90.0 70.0 105.0
115 47.2 35.2 52.8

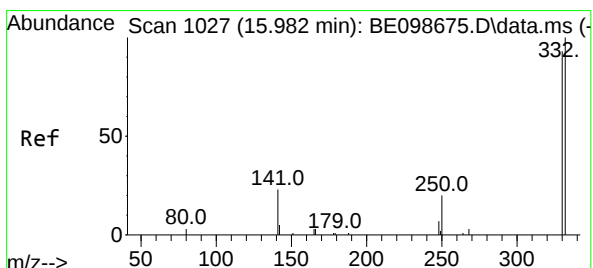
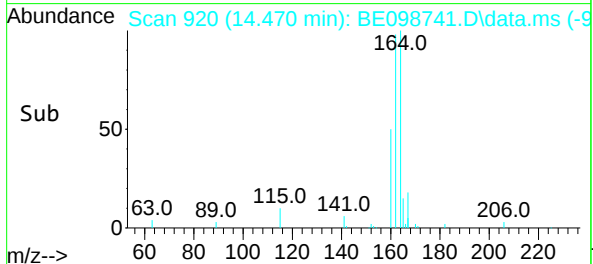
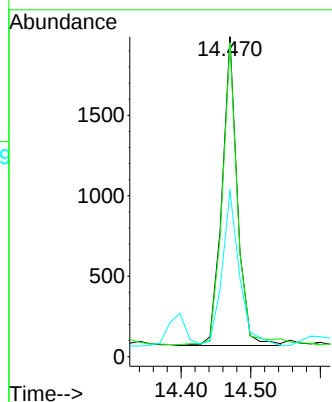
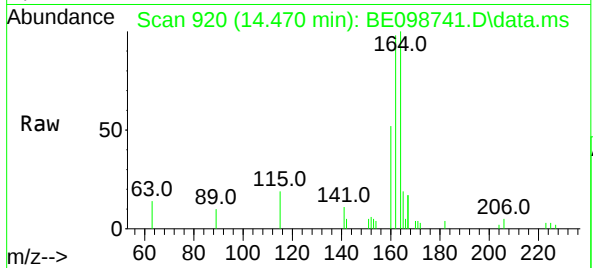




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.470 min Scan# 920
Delta R.T. -0.001 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

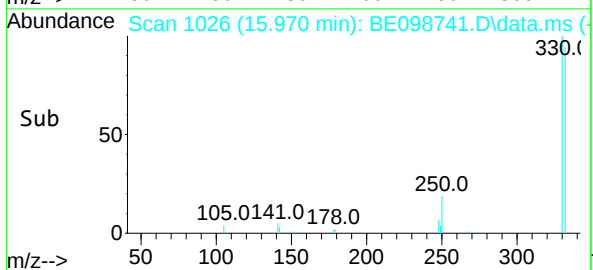
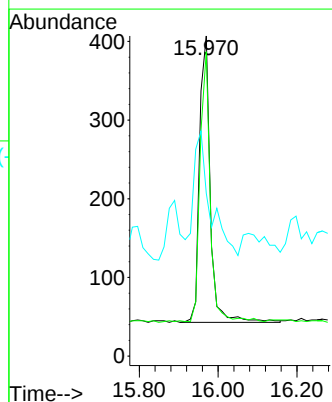
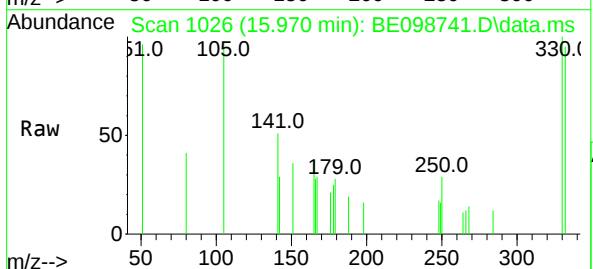
Instrument :
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ClientSampleId :
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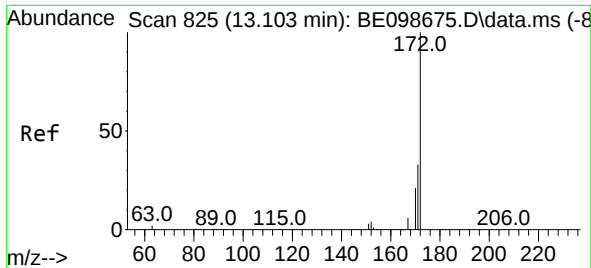
Tgt Ion:	164	Resp:	2933
Ion	Ratio	Lower	Upper
164	100		
162	98.1	80.5	120.7
160	51.8	40.1	60.1



#14
2,4,6-Tribromophenol
Concen: 0.53 ng
RT: 15.970 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:	330	Resp:	691
Ion	Ratio	Lower	Upper
330	100		
332	88.3	73.3	109.9
141	65.1	33.1	49.7

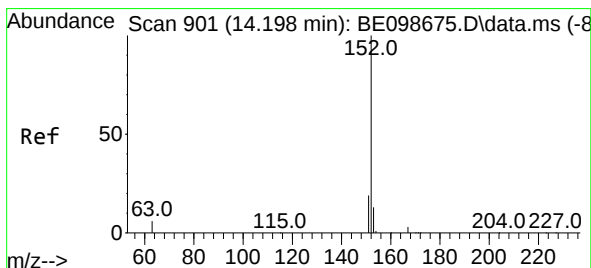
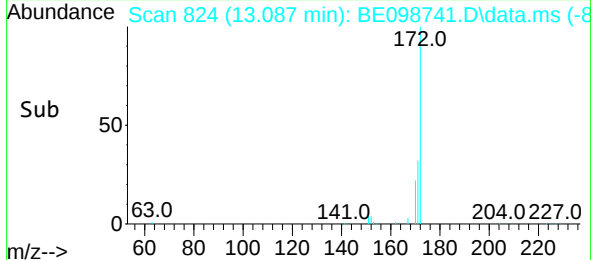
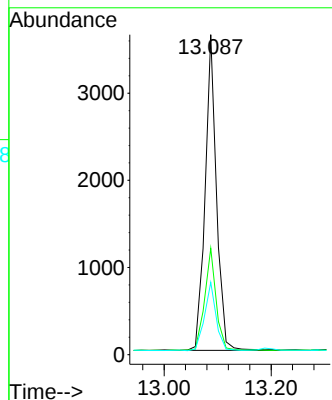
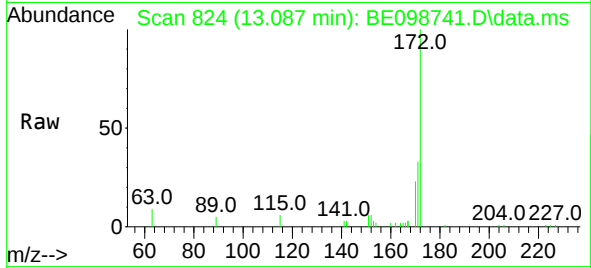




#15
2-Fluorobiphenyl
Concen: 0.43 ng
RT: 13.087 min Scan# 824
Delta R.T. -0.016 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

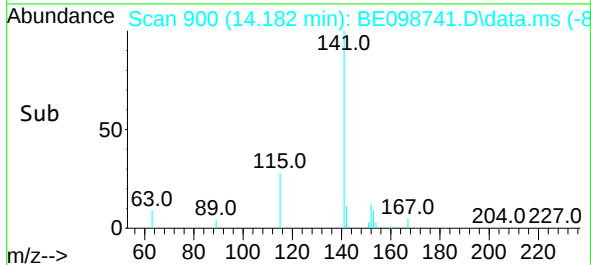
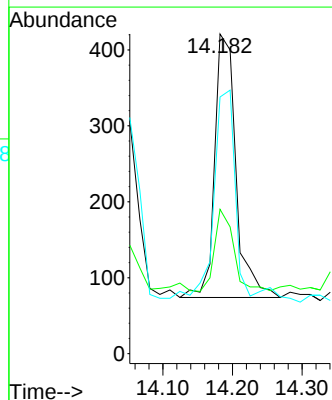
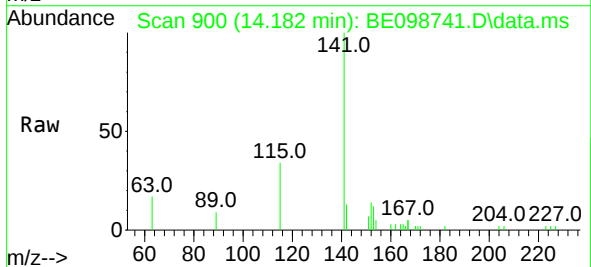
Instrument :
BNA_E
ClientSampled :
MW-1

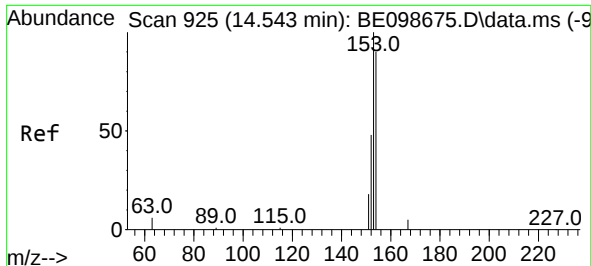
Tgt Ion:172	Resp:	5365
Ion Ratio	Lower	Upper
172	100	
171	33.2	29.0 43.4
170	22.6	20.8 31.2



#16
Acenaphthylene
Concen: 0.05 ng
RT: 14.182 min Scan# 900
Delta R.T. -0.016 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:152	Resp:	738
Ion Ratio	Lower	Upper
152	100	
151	27.8	16.3 24.5#
153	86.9	10.7 16.1#

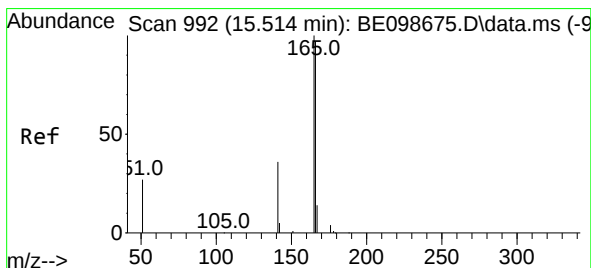
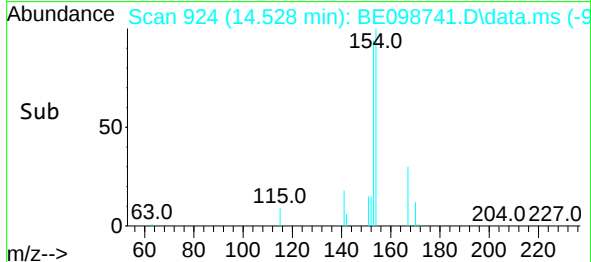
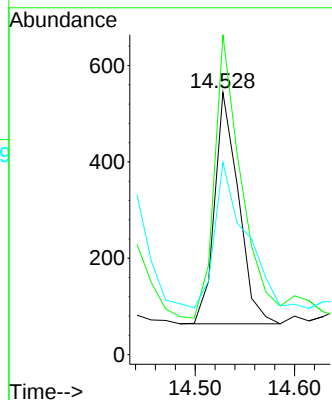
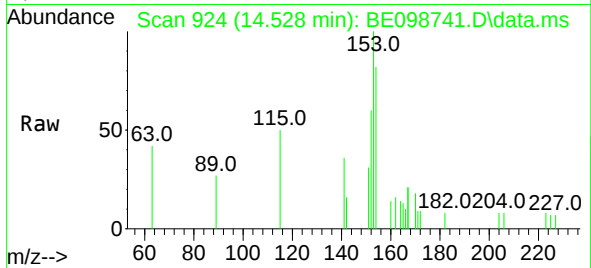




#17
Acenaphthene
Concen: 0.09 ng
RT: 14.528 min Scan# 924
Delta R.T. -0.015 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

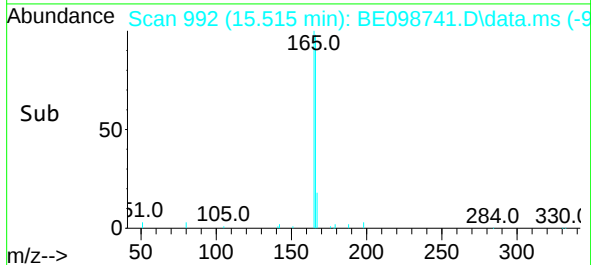
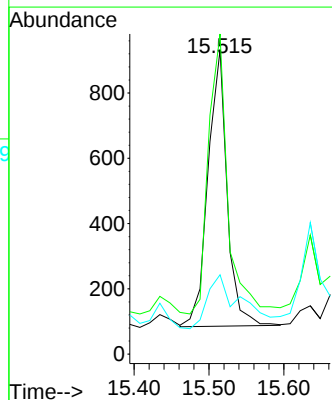
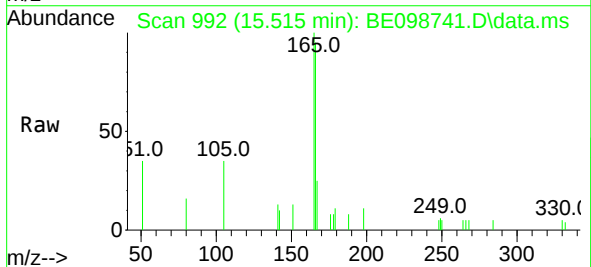
Instrument :
BNA_E
ClientSampleId :
MW-1

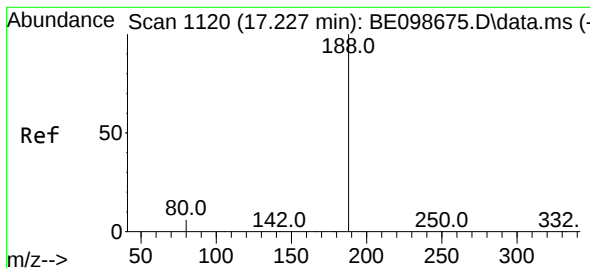
Tgt Ion:154 Resp: 800
Ion Ratio Lower Upper
154 100
153 136.8 93.9 140.9
152 80.4 45.8 68.8#



#18
Fluorene
Concen: 0.12 ng
RT: 15.515 min Scan# 992
Delta R.T. 0.001 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:166 Resp: 1501
Ion Ratio Lower Upper
166 100
165 102.9 79.3 118.9
167 34.4 10.6 15.8#

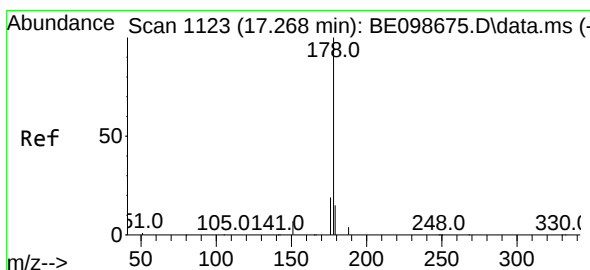
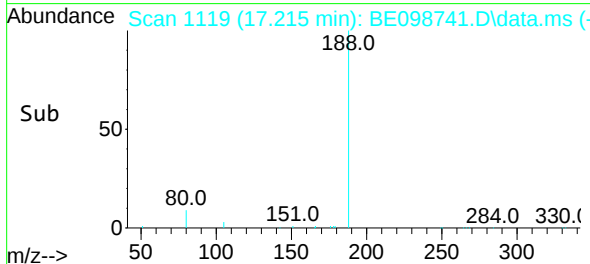
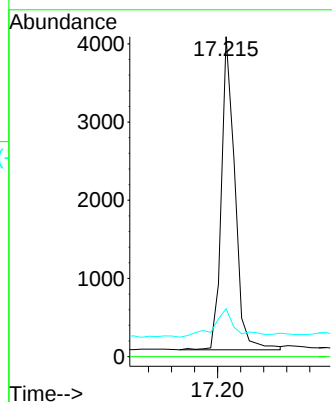
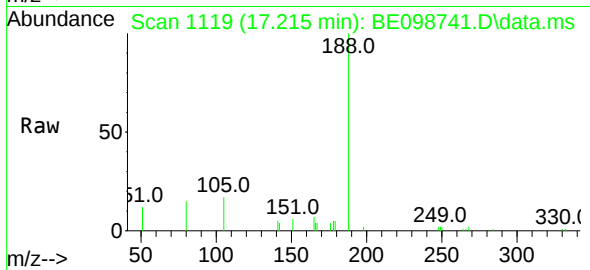




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.215 min Scan# 1119
Delta R.T. -0.012 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

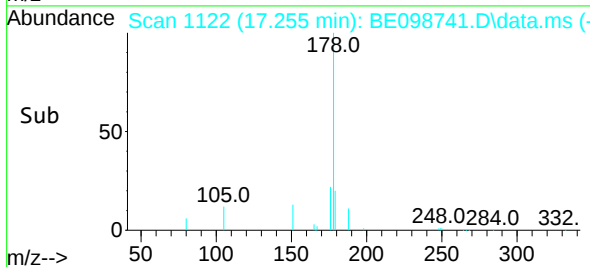
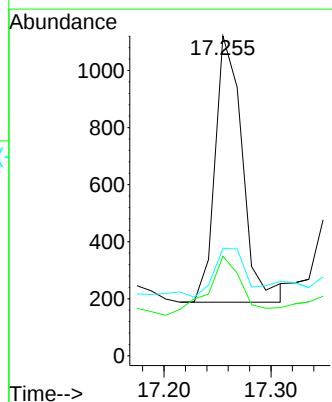
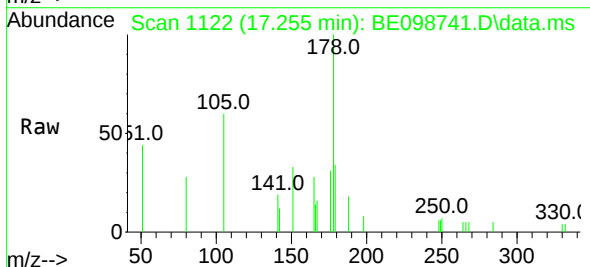
Instrument :
BNA_E
ClientSampled :
MW-1

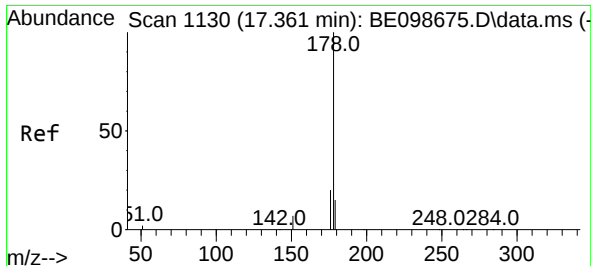
Tgt Ion:188 Resp: 6491
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.0 4.7 7.1#



#23
Phenanthrene
Concen: 0.09 ng
RT: 17.255 min Scan# 1122
Delta R.T. -0.013 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:178 Resp: 1662
Ion Ratio Lower Upper
178 100
176 27.6 15.9 23.9#
179 28.3 12.2 18.4#

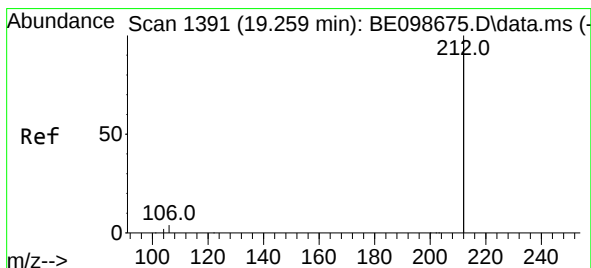
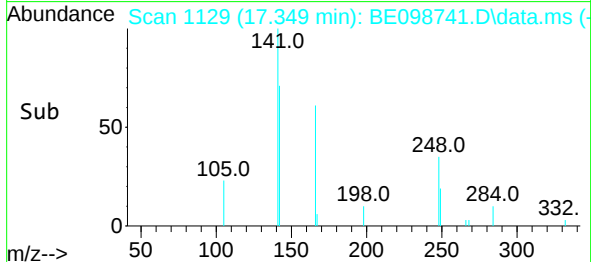
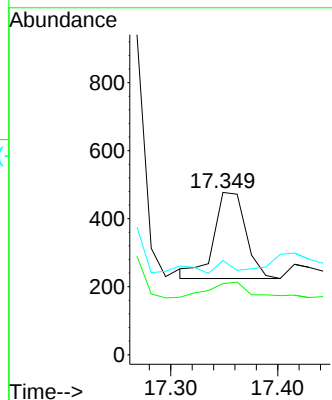
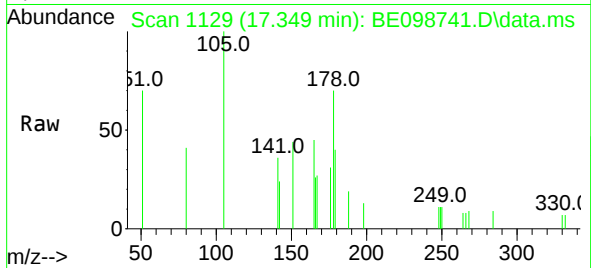




#24
 Anthracene
 Concen: 0.10 ng
 RT: 17.349 min Scan# 1129
 Delta R.T. -0.012 min
 Lab File: BE098741.D
 Acq: 20 Feb 2019 14:56

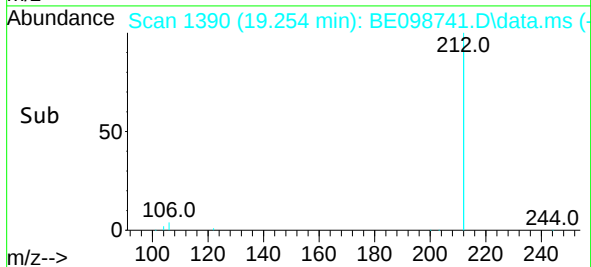
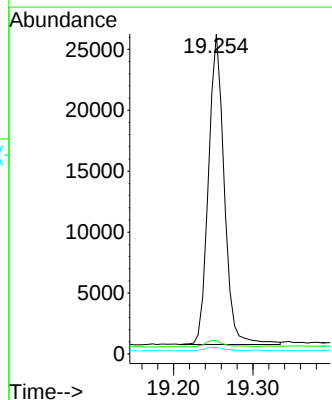
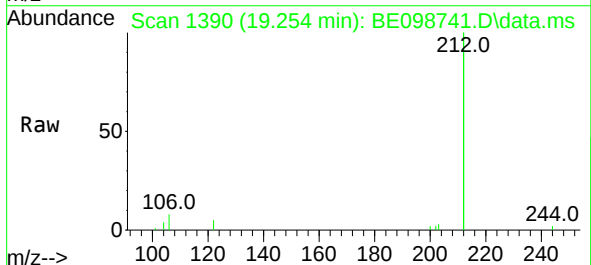
Instrument :
 BNA_E
 ClientSampleId :
 MW-1

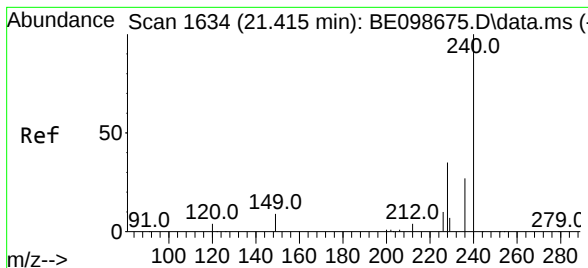
Tgt Ion:178 Resp: 526
 Ion Ratio Lower Upper
 178 100
 176 24.7 14.9 22.3#
 179 7.2 11.8 17.8#



#25
 Fluoranthene-d10
 Concen: 0.38 ng
 RT: 19.254 min Scan# 1390
 Delta R.T. -0.005 min
 Lab File: BE098741.D
 Acq: 20 Feb 2019 14:56

Tgt Ion:212 Resp: 35262
 Ion Ratio Lower Upper
 212 100
 106 2.6 1.7 2.5#
 104 1.6 1.0 1.6#

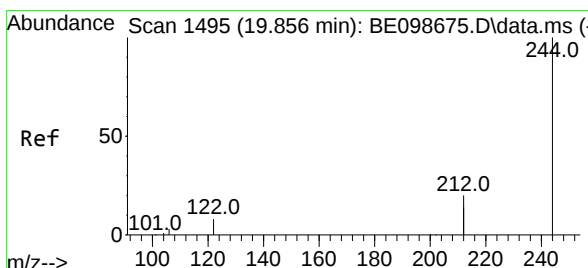
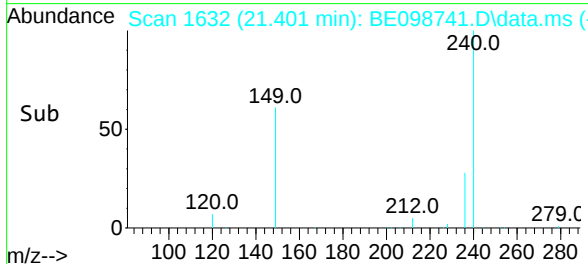
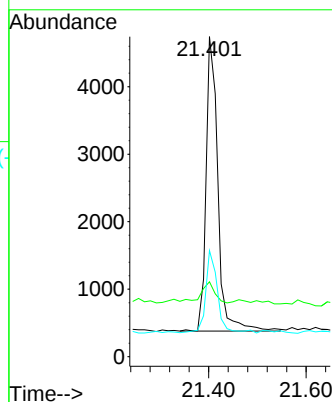
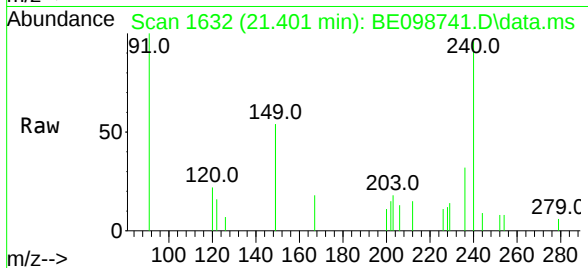




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.401 min Scan# 1632
Delta R.T. -0.014 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

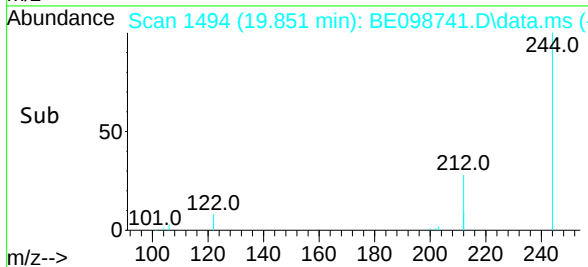
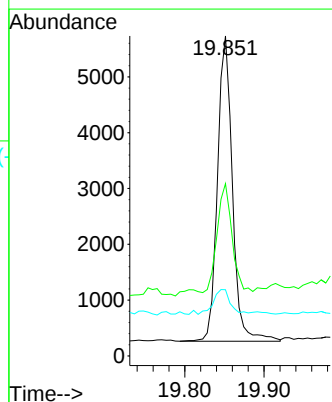
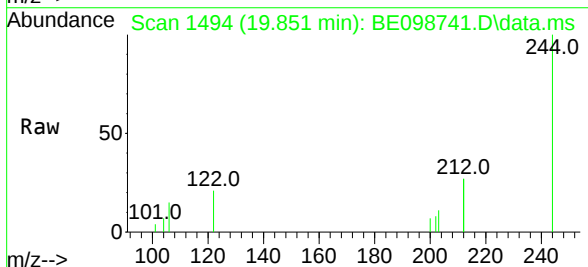
Instrument :
BNA_E
ClientSampled :
MW-1

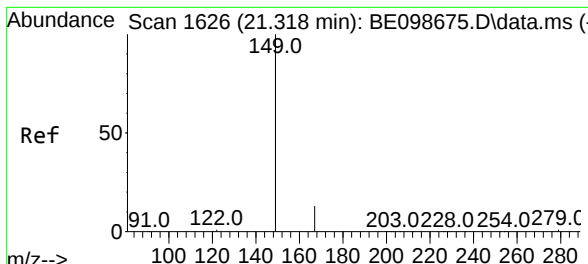
Tgt Ion:240 Resp: 7367
Ion Ratio Lower Upper
240 100
120 23.4 4.7 7.1#
236 33.2 21.9 32.9#



#29
Terphenyl-d14
Concen: 0.39 ng
RT: 19.851 min Scan# 1494
Delta R.T. -0.005 min
Lab File: BE098741.D
Acq: 20 Feb 2019 14:56

Tgt Ion:244 Resp: 7188
Ion Ratio Lower Upper
244 100
212 53.9 29.4 44.2#
122 20.7 7.1 10.7#

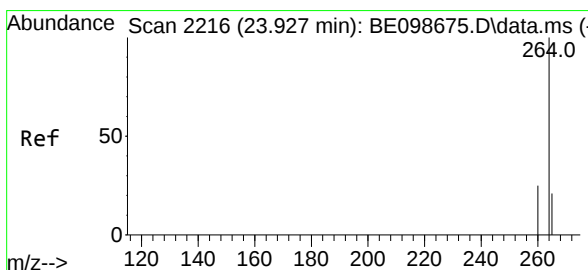
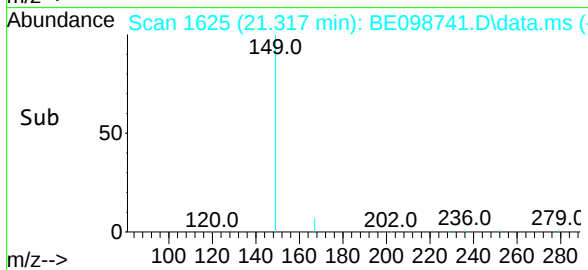
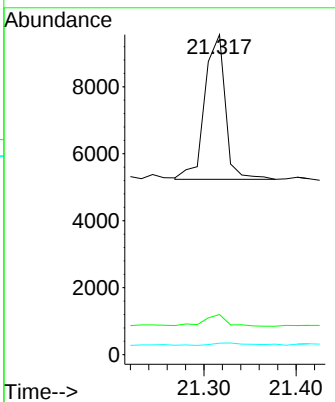
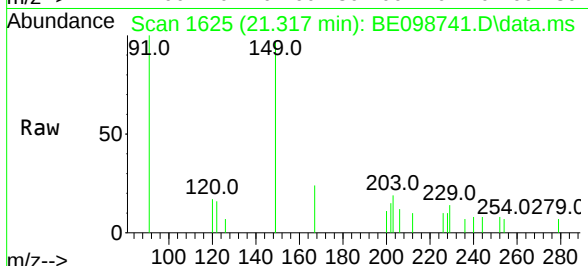




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.16 ng
 RT: 21.317 min Scan# 1625
 Delta R.T. -0.001 min
 Lab File: BE098741.D
 Acq: 20 Feb 2019 14:56

Instrument :
 BNA_E
 ClientSampled :
 MW-1

Tgt Ion:	149	Resp:	6721
Ion Ratio	Lower	Upper	
149	100		
167	8.7	5.4	8.2#
279	3.2	1.0	1.4#



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.915 min Scan# 2212
 Delta R.T. -0.012 min
 Lab File: BE098741.D
 Acq: 20 Feb 2019 14:56

Tgt Ion:	264	Resp:	7107
Ion Ratio	Lower	Upper	
264	100		
260	28.5	20.5	30.7
265	41.6	22.3	33.5#

