

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022719\
 Data File : BE098780.D
 Acq On : 27 Feb 2019 17:10
 Operator : JU/SJ
 Sample : K1603-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

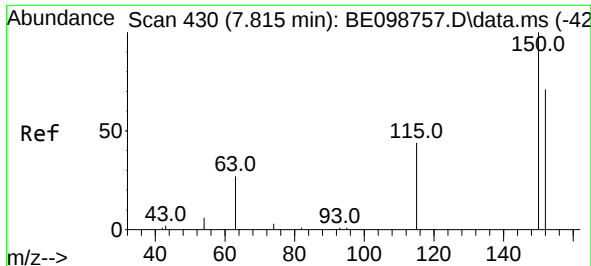
Instrument :
 BNA_E
 ClientSampleId :
 M1-T3-UV(POST)

Quant Time: Feb 28 02:43:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE022619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 26 15:44:42 2019
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	1303	0.40	ng	0.00
7) Naphthalene-d8	10.614	136	5404	0.40	ng	0.01
13) Acenaphthene-d10	14.471	164	3763	0.40	ng	0.00
19) Phenanthrene-d10	17.228	188	9208	0.40	ng	# 0.00
27) Chrysene-d12	21.414	240	9776	0.40	ng	# 0.00
34) Perylene-d12	23.923	264	8017	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.421	112	334	0.10	ng	0.01
5) Phenol-d6	7.056	99	205	0.04	ng	0.06
8) Nitrobenzene-d5	9.029	82	803	0.19	ng	0.05
11) 2-Methylnaphthalene-d10	12.223	152	2072	0.20	ng	0.01
14) 2,4,6-Tribromophenol	15.983	330	324	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.102	172	3137	0.20	ng	0.01
25) Fluoranthene-d10	19.260	212	25396	0.19	ng	0.00
29) Terphenyl-d14	19.851	244	7102	0.29	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.348	88	49	0.02	ng	# 3
3) n-Nitrosodimethylamine	3.682	42	36	0.10	ng	# 13
6) bis(2-Chloroethyl)ether	7.229	93	12	0.07	ng	# 6
22) Pentachlorophenol	16.907	266	5	0.21	ng	# 71
24) Anthracene	17.389	178	18	0.08	ng	# 61
32) Bis(2-ethylhexyl)phtha...	21.317	149	1820	0.03	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.567	276	3	0.09	ng	# 1
38) Dibenzo(a,h)anthracene	26.592	278	5	0.14	ng	# 1

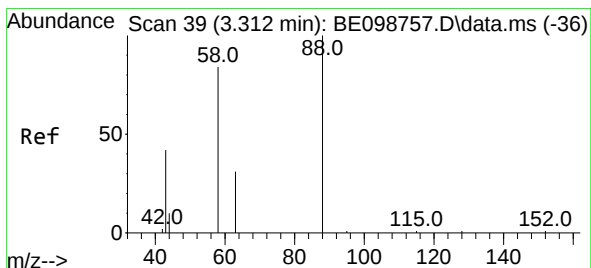
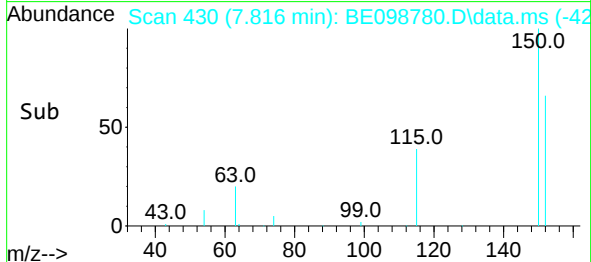
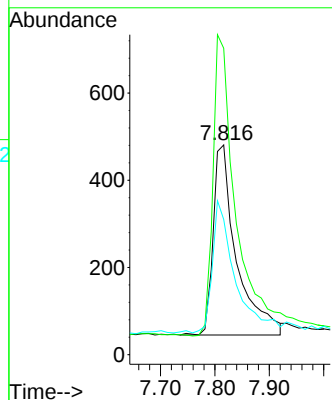
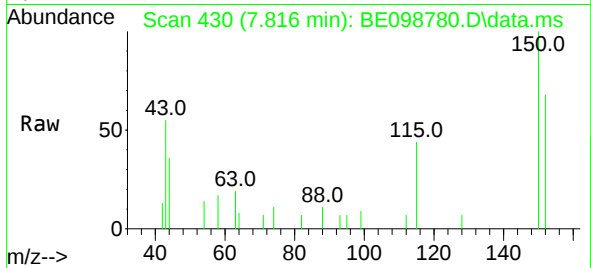
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.816 min Scan# 430
 Delta R.T. 0.001 min
 Lab File: BE098780.D
 Acq: 27 Feb 2019 17:10

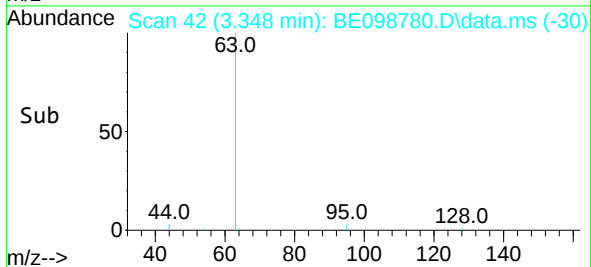
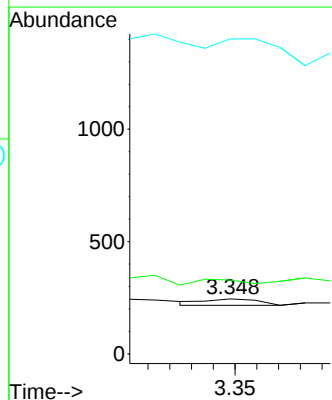
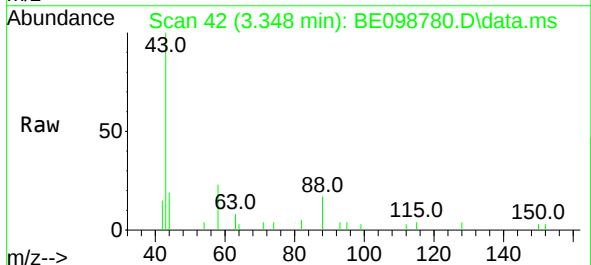
Instrument :
 BNA_E
 ClientSampleId :
 M1-T3-UV(POST)

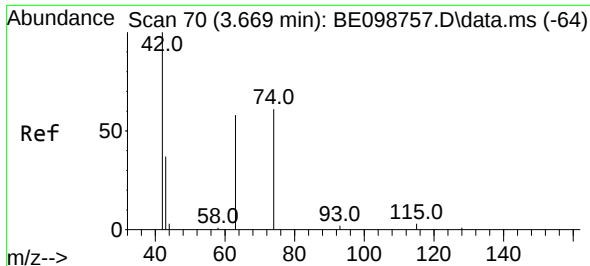
Tgt Ion:152 Resp: 1303
 Ion Ratio Lower Upper
 152 100
 150 146.2 121.4 182.2
 115 64.4 59.1 88.7



#2
 1,4-Dioxane
 Concen: 0.02 ng
 RT: 3.348 min Scan# 42
 Delta R.T. 0.035 min
 Lab File: BE098780.D
 Acq: 27 Feb 2019 17:10

Tgt Ion: 88 Resp: 49
 Ion Ratio Lower Upper
 88 100
 58 0.0 73.9 110.9#
 43 124.5 43.7 65.5#

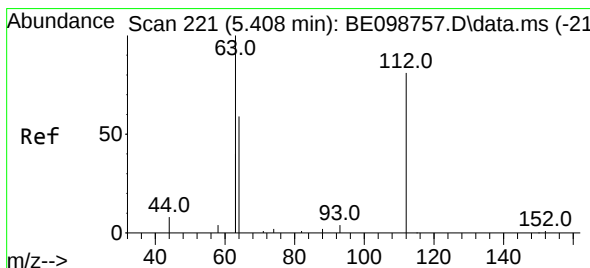
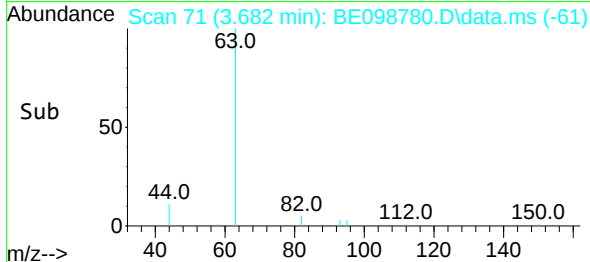
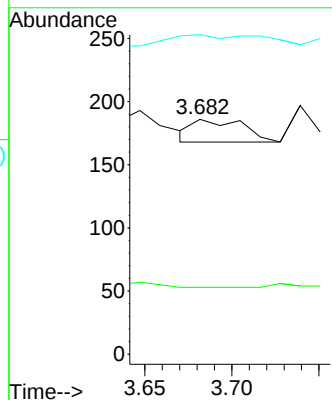
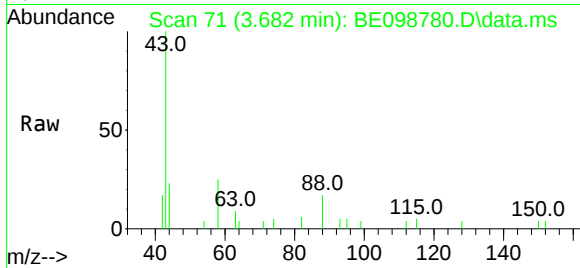




#3
n-Nitrosodimethylamine
Concen: 0.10 ng
RT: 3.682 min Scan# 71
Delta R.T. 0.013 min
Lab File: BE098780.D
Acq: 27 Feb 2019 17:10

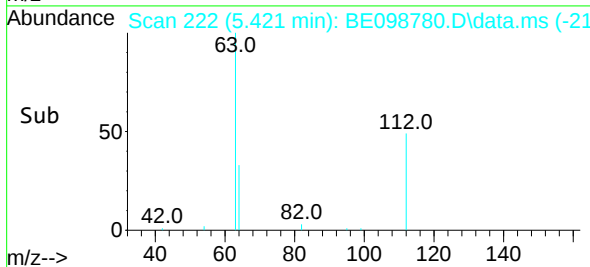
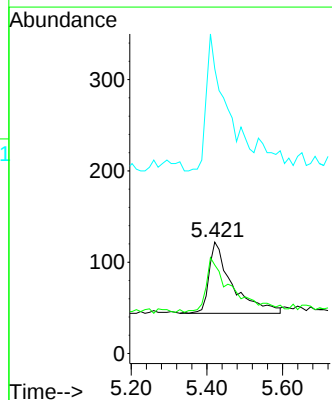
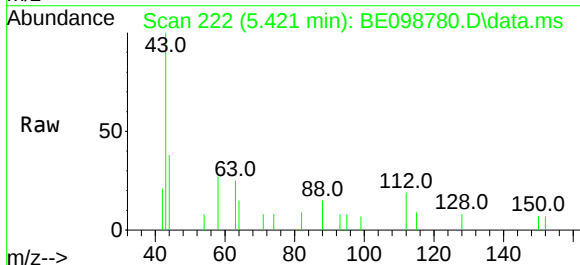
Instrument :
BNA_E
ClientSampleId :
M1-T3-UV(POST)

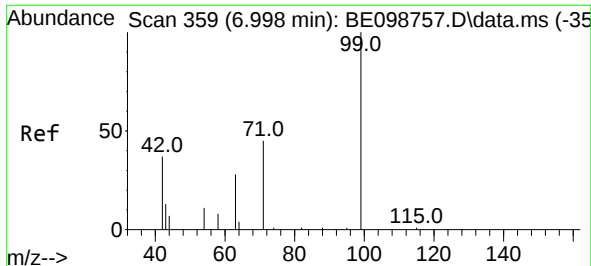
Tgt Ion: 42 Resp: 36
Ion Ratio Lower Upper
42 100
74 0.0 58.9 88.3#
44 52.8 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.421 min Scan# 222
Delta R.T. 0.012 min
Lab File: BE098780.D
Acq: 27 Feb 2019 17:10

Tgt Ion: 112 Resp: 334
Ion Ratio Lower Upper
112 100
64 88.6 62.9 94.3
63 168.3 152.2 228.4

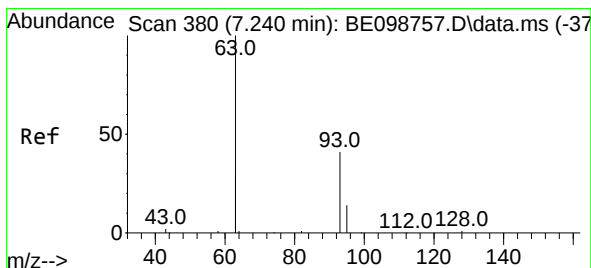
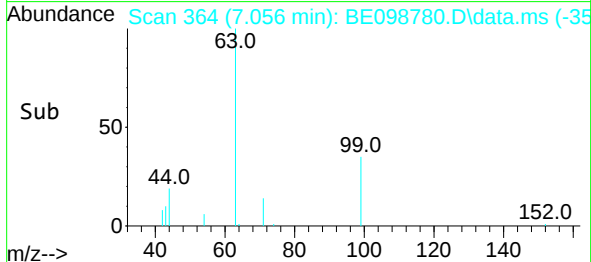
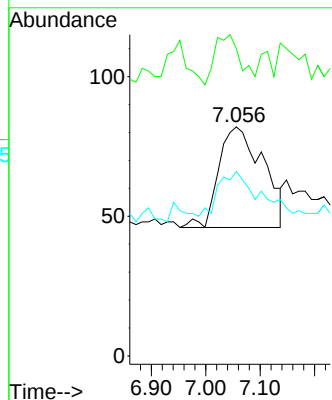
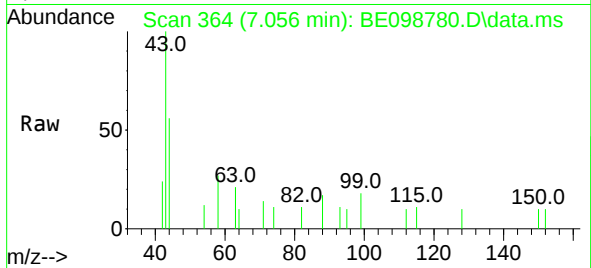




#5
Phenol-d6
Concen: 0.04 ng
RT: 7.056 min Scan# 364
Delta R.T. 0.058 min
Lab File: BE098780.D
Acq: 27 Feb 2019 17:10

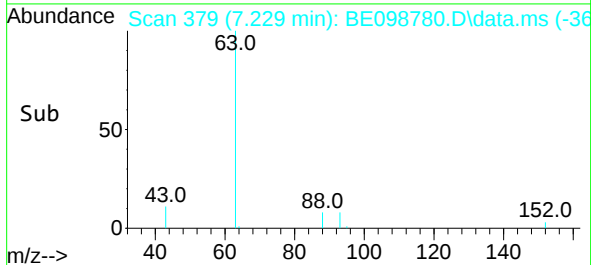
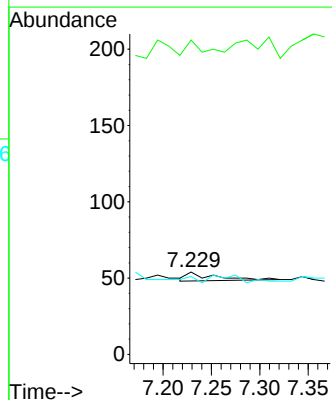
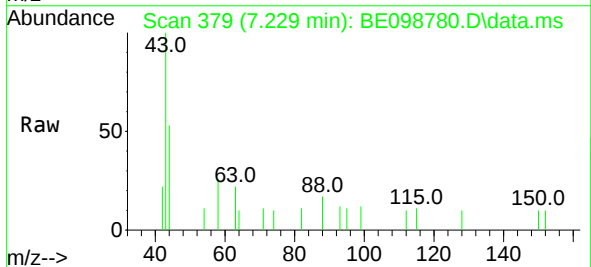
Instrument :
BNA_E
ClientSampleId :
M1-T3-UV(POST)

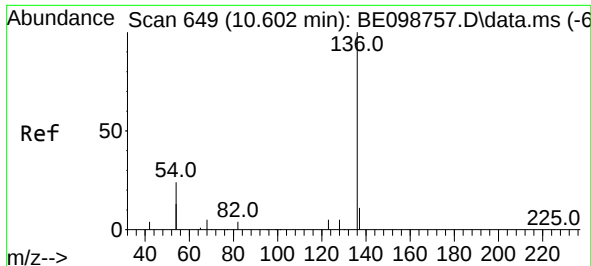
Tgt Ion: 99 Resp: 205
Ion Ratio Lower Upper
99 100
42 30.2 24.6 37.0
71 43.4 35.1 52.7



#6
bis(2-Chloroethyl)ether
Concen: 0.07 ng
RT: 7.229 min Scan# 379
Delta R.T. -0.011 min
Lab File: BE098780.D
Acq: 27 Feb 2019 17:10

Tgt Ion: 93 Resp: 12
Ion Ratio Lower Upper
93 100
63 116.7 267.3 400.9#
95 33.3 26.2 39.4

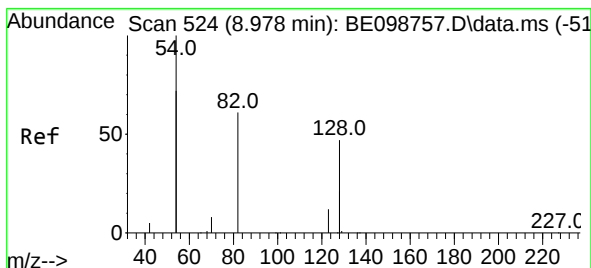
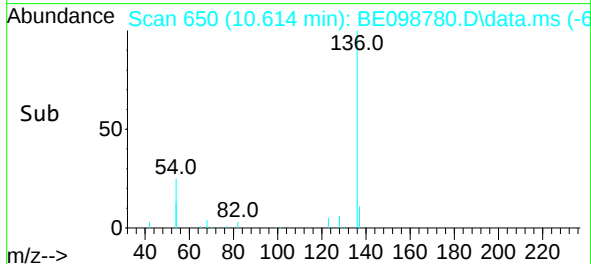
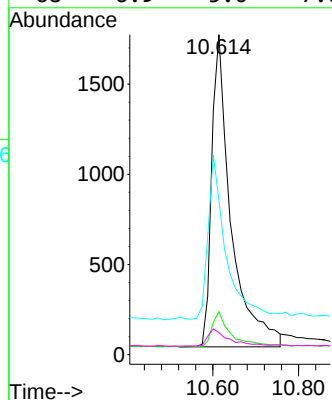
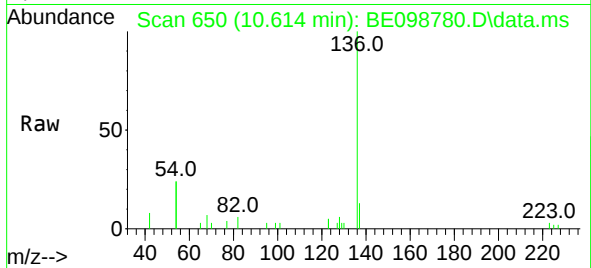




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. 0.012 min
Lab File: BE098780.D
Acq: 27 Feb 2019 17:10

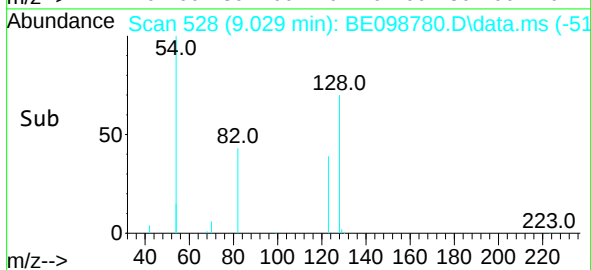
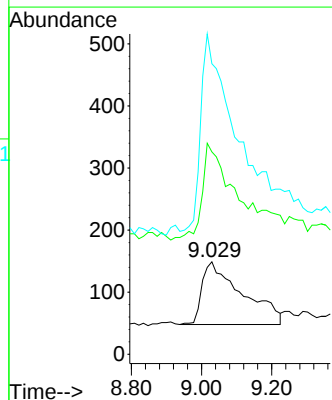
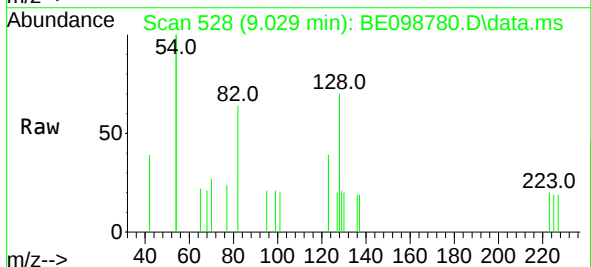
Instrument :
BNA_E
ClientSampleId :
M1-T3-UV(POST)

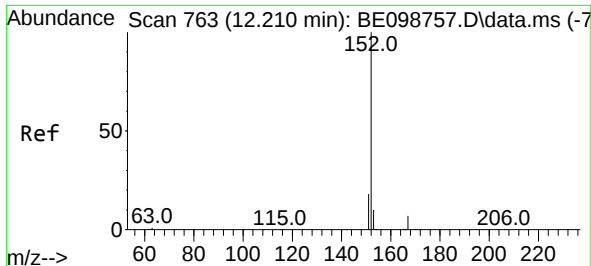
Tgt Ion:	136	Resp:	5404
Ion Ratio	Lower	Upper	
136	100		
137	13.5	9.7	14.5
54	48.3	35.5	53.3
68	6.9	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.19 ng
RT: 9.029 min Scan# 528
Delta R.T. 0.051 min
Lab File: BE098780.D
Acq: 27 Feb 2019 17:10

Tgt Ion:	82	Resp:	803
Ion Ratio	Lower	Upper	
82	100		
128	218.8	96.5	144.7#
54	314.1	224.7	337.1

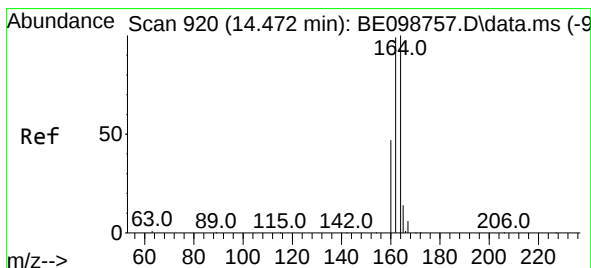
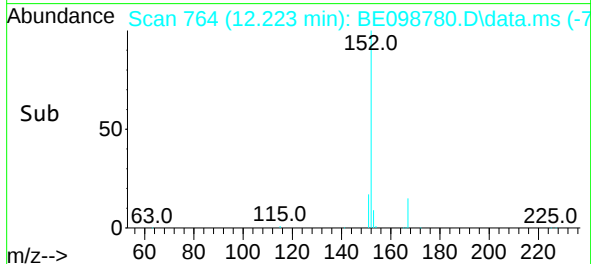
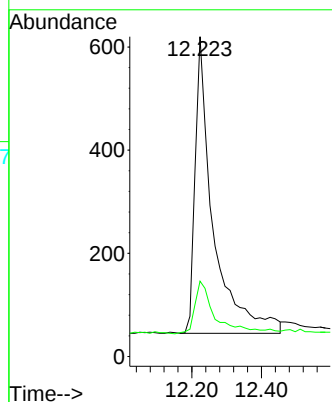
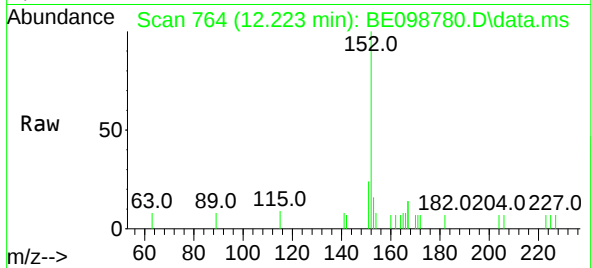




#11
2-Methylnaphthalene-d10
Concen: 0.20 ng
RT: 12.223 min Scan# 764
Delta R.T. 0.013 min
Lab File: BE098780.D
Acq: 27 Feb 2019 17:10

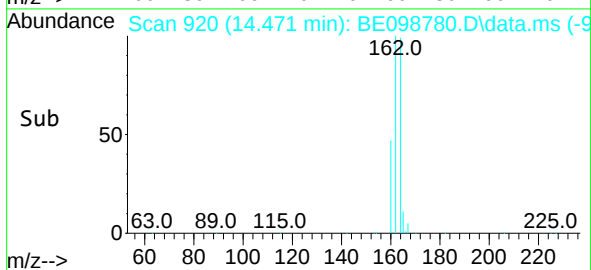
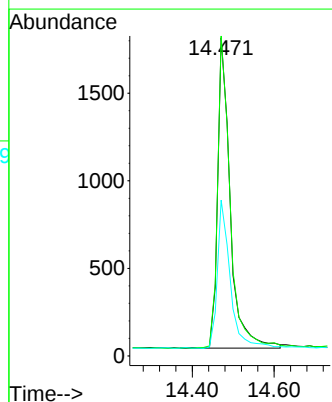
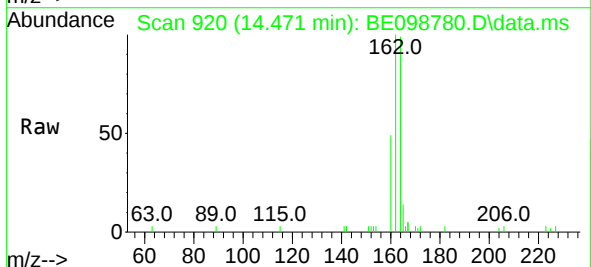
Instrument :
BNA_E
ClientSampleId :
M1-T3-UV(POST)

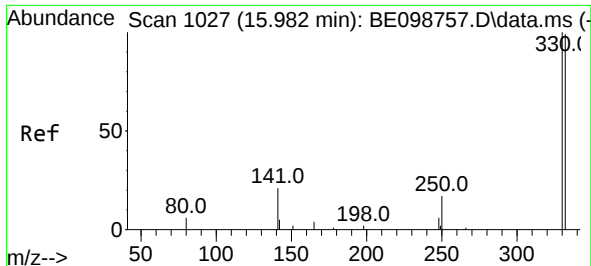
Tgt Ion:152 Resp: 2072
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.471 min Scan# 920
Delta R.T. -0.001 min
Lab File: BE098780.D
Acq: 27 Feb 2019 17:10

Tgt Ion:164 Resp: 3763
Ion Ratio Lower Upper
164 100
162 100.6 80.5 120.7
160 49.0 40.1 60.1

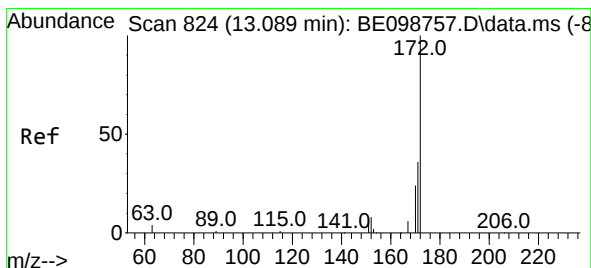
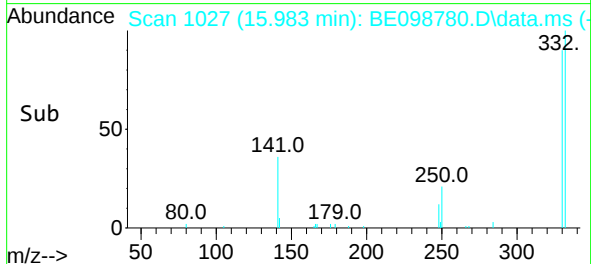
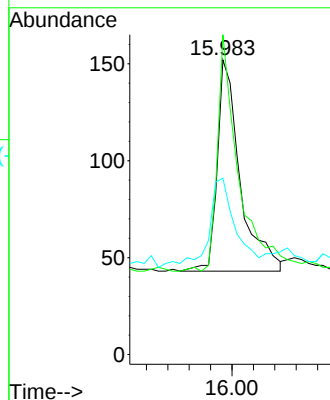
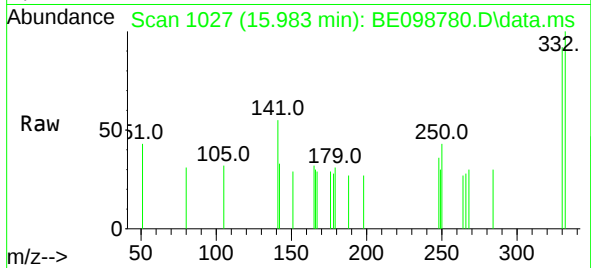




#14
2,4,6-Tribromophenol
Concen: 0.25 ng
RT: 15.983 min Scan# 1027
Delta R.T. 0.001 min
Lab File: BE098780.D
Acq: 27 Feb 2019 17:10

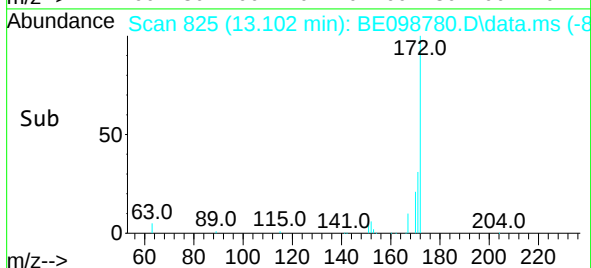
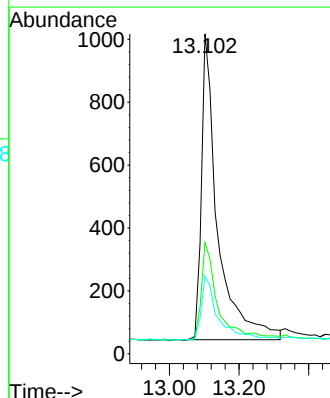
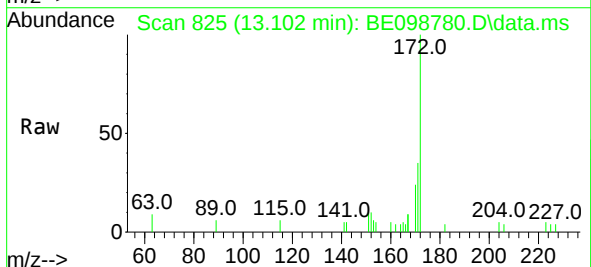
Instrument :
BNA_E
ClientSampleId :
M1-T3-UV(POST)

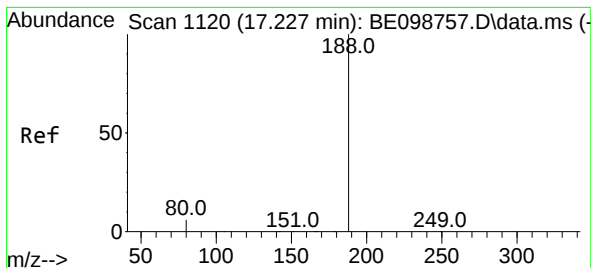
Tgt Ion:	330	Resp:	324
Ion	Ratio	Lower	Upper
330	100		
332	109.0	73.3	109.9
141	42.0	33.1	49.7



#15
2-Fluorobiphenyl
Concen: 0.20 ng
RT: 13.102 min Scan# 825
Delta R.T. 0.013 min
Lab File: BE098780.D
Acq: 27 Feb 2019 17:10

Tgt Ion:	172	Resp:	3137
Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.0	43.4
170	24.4	20.8	31.2





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.228 min Scan# 1120

Delta R.T. 0.001 min

Lab File: BE098780.D

Acq: 27 Feb 2019 17:10

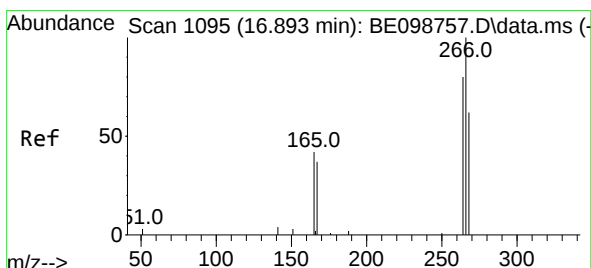
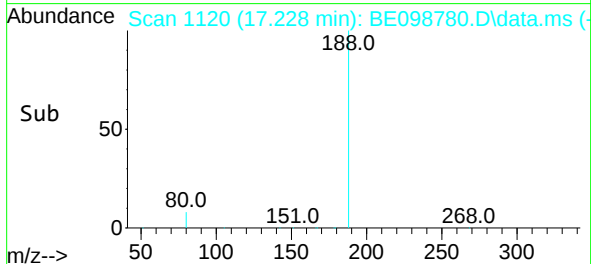
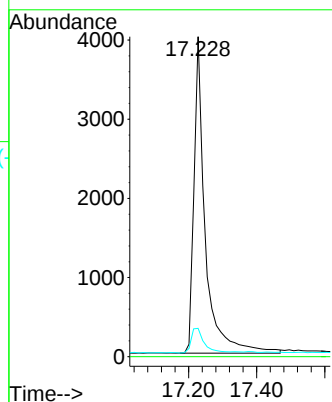
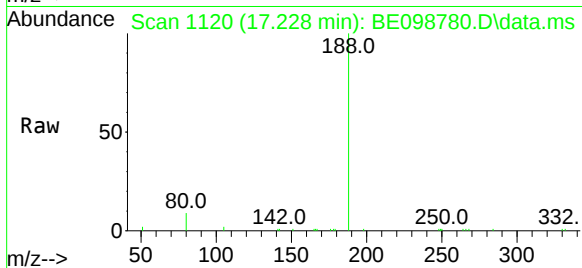
Tgt Ion:188 Resp: 9208

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.9 4.7 7.1#



#22

Pentachlorophenol

Concen: 0.21 ng

RT: 16.907 min Scan# 1096

Delta R.T. 0.014 min

Lab File: BE098780.D

Acq: 27 Feb 2019 17:10

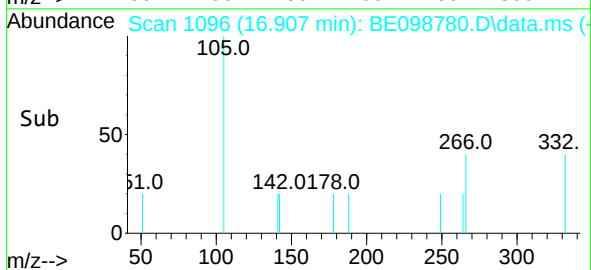
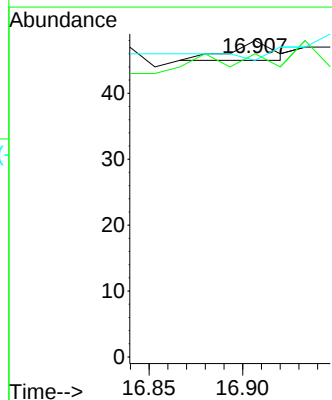
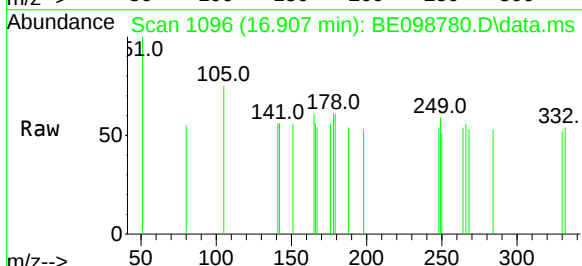
Tgt Ion:266 Resp: 5

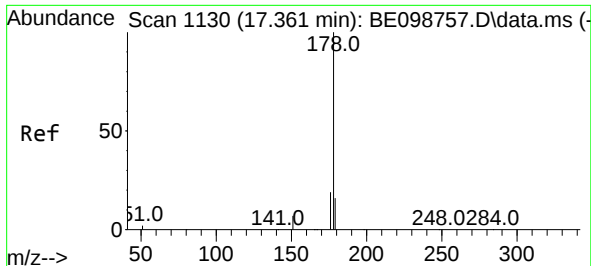
Ion Ratio Lower Upper

266 100

264 95.8 53.7 80.5#

268 93.8 59.8 89.8#

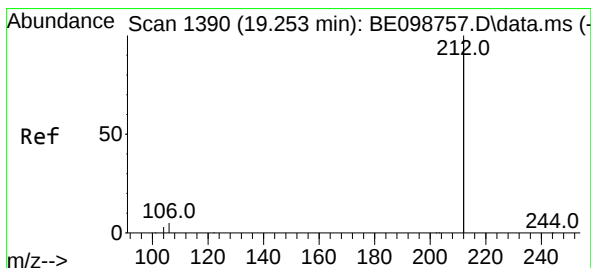
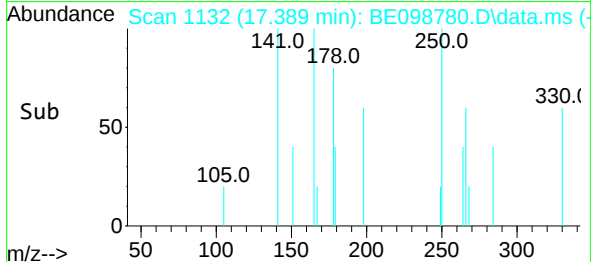
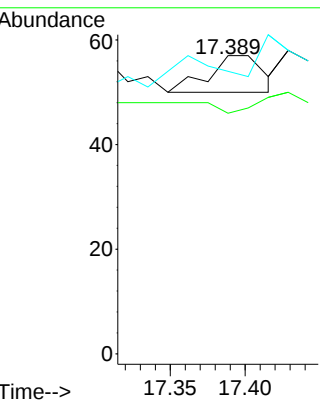
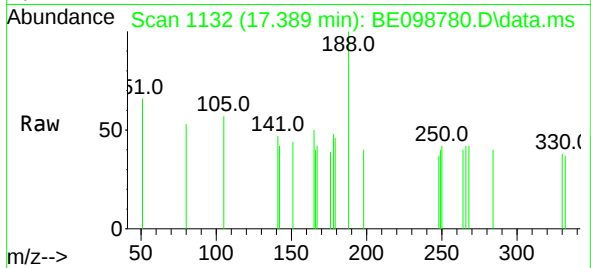




#24
 Anthracene
 Concen: 0.08 ng
 RT: 17.389 min Scan# 1132
 Delta R.T. 0.028 min
 Lab File: BE098780.D
 Acq: 27 Feb 2019 17:10

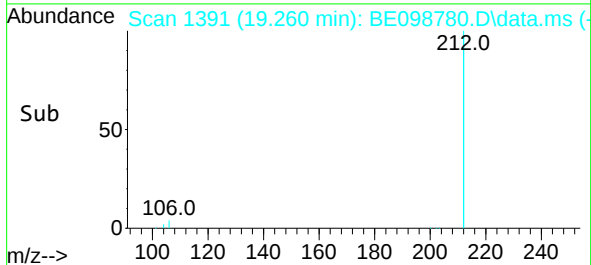
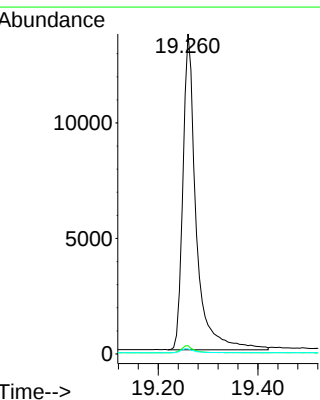
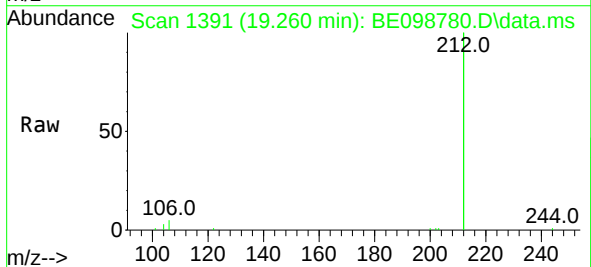
Instrument :
 BNA_E
 ClientSampleId :
 M1-T3-UV(POST)

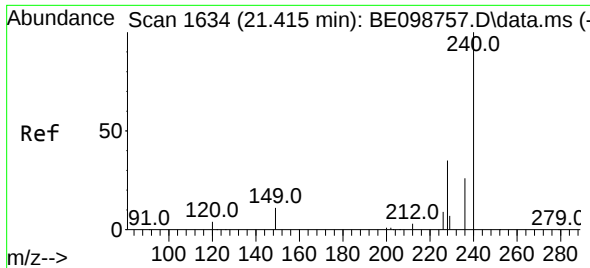
Tgt Ion:178 Resp: 18
 Ion Ratio Lower Upper
 178 100
 176 0.0 14.9 22.3#
 179 0.0 11.8 17.8#



#25
 Fluoranthene-d10
 Concen: 0.19 ng
 RT: 19.260 min Scan# 1391
 Delta R.T. 0.006 min
 Lab File: BE098780.D
 Acq: 27 Feb 2019 17:10

Tgt Ion:212 Resp: 25396
 Ion Ratio Lower Upper
 212 100
 106 2.2 1.7 2.5
 104 1.3 1.0 1.6

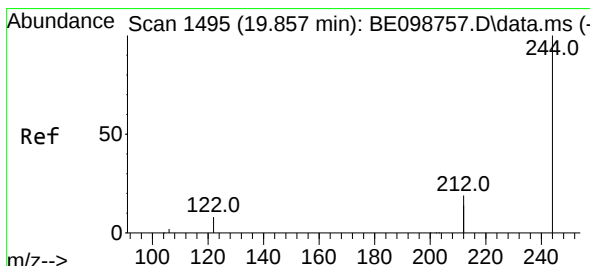
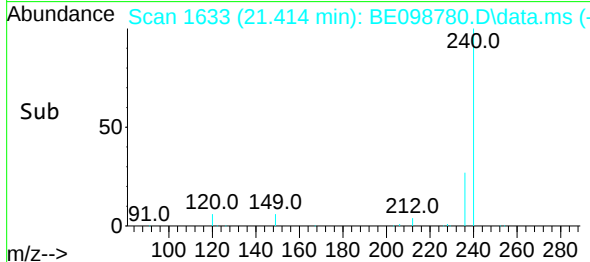
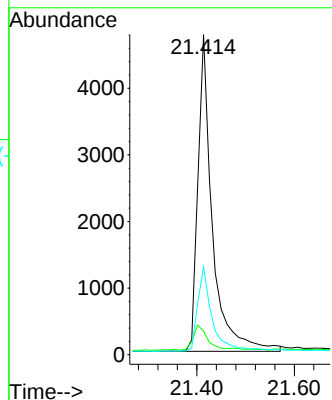
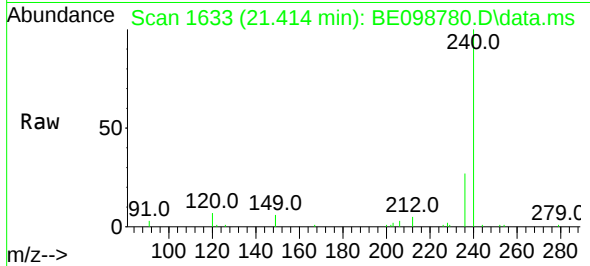




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.414 min Scan# 1633
Delta R.T. -0.001 min
Lab File: BE098780.D
Acq: 27 Feb 2019 17:10

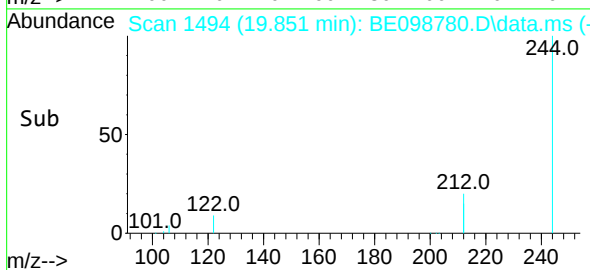
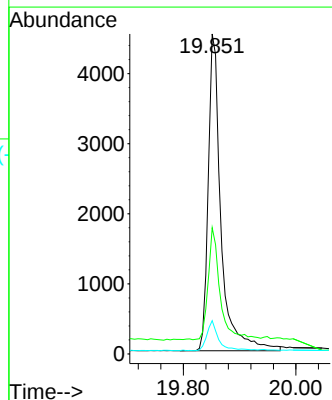
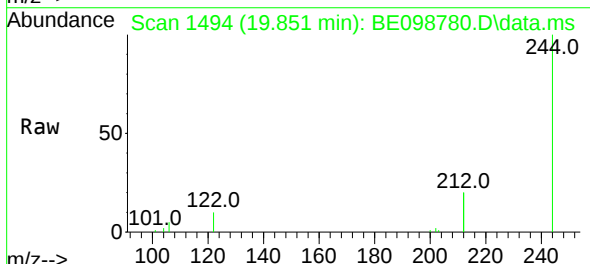
Instrument :
BNA_E
ClientSampleId :
M1-T3-UV(POST)

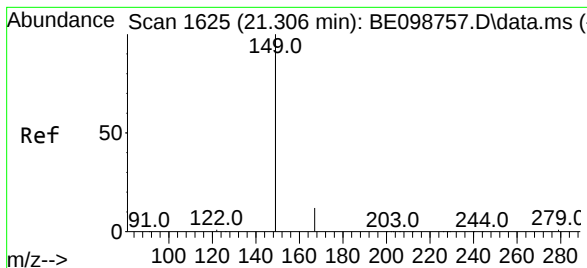
Tgt Ion:240 Resp: 9776
Ion Ratio Lower Upper
240 100
120 7.4 4.7 7.1#
236 27.5 21.9 32.9



#29
Terphenyl-d14
Concen: 0.29 ng
RT: 19.851 min Scan# 1494
Delta R.T. -0.005 min
Lab File: BE098780.D
Acq: 27 Feb 2019 17:10

Tgt Ion:244 Resp: 7102
Ion Ratio Lower Upper
244 100
212 39.4 29.4 44.2
122 10.4 7.1 10.7

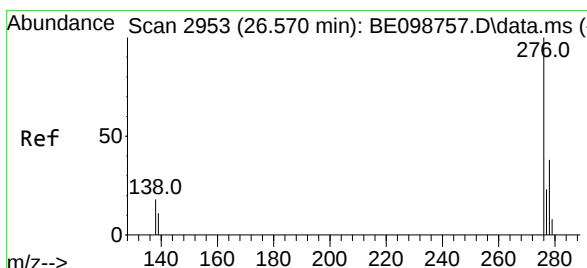
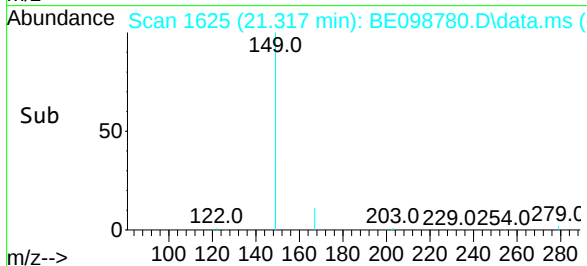
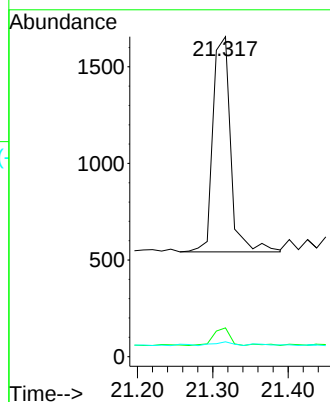
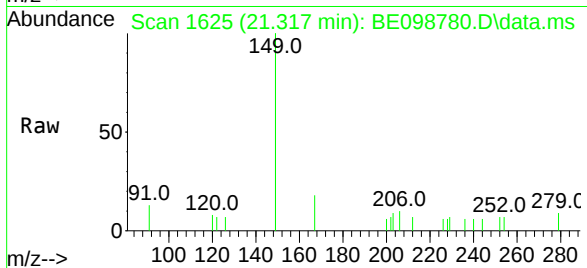




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.03 ng
 RT: 21.317 min Scan# 1625
 Delta R.T. 0.011 min
 Lab File: BE098780.D
 Acq: 27 Feb 2019 17:10

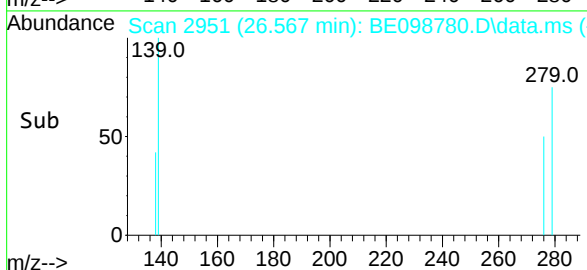
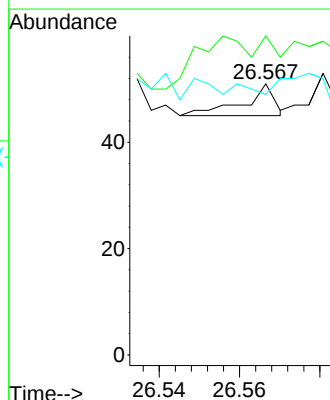
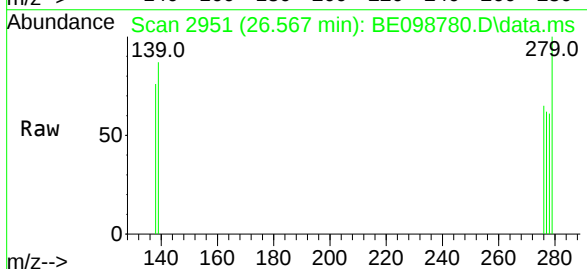
Instrument :
 BNA_E
 ClientSampleId :
 M1-T3-UV(POST)

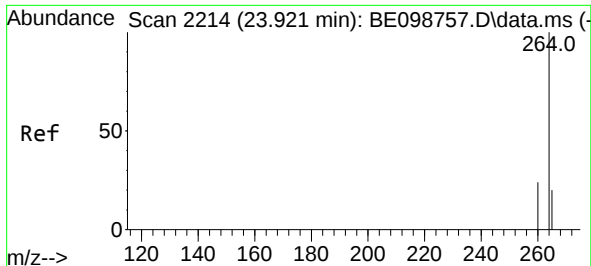
Tgt Ion:149 Resp: 1820
 Ion Ratio Lower Upper
 149 100
 167 7.4 5.4 8.2
 279 1.8 1.0 1.4#



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.09 ng
 RT: 26.567 min Scan# 2951
 Delta R.T. -0.003 min
 Lab File: BE098780.D
 Acq: 27 Feb 2019 17:10

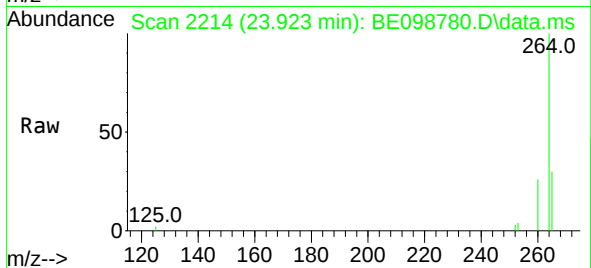
Tgt Ion:276 Resp: 3
 Ion Ratio Lower Upper
 276 100
 138 0.0 13.3 19.9#
 277 100.0 19.4 29.0#





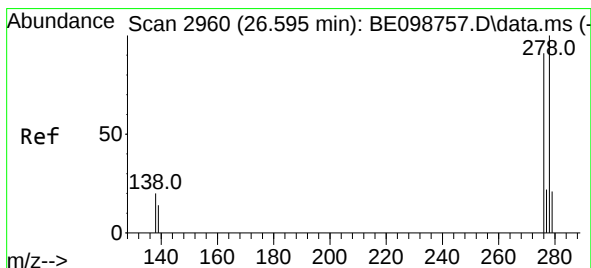
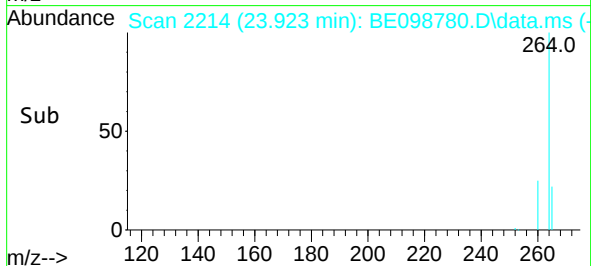
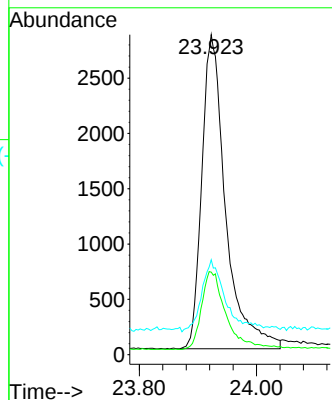
#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.923 min Scan# 2214
 Delta R.T. 0.002 min
 Lab File: BE098780.D
 Acq: 27 Feb 2019 17:10

Instrument :
 BNA_E
 ClientSampleId :
 M1-T3-UV(POST)



Tgt Ion:264 Resp: 8017

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	29.7	22.3	33.5



#38
 Dibenzo(a,h)anthracene
 Concen: 0.14 ng
 RT: 26.592 min Scan# 2958
 Delta R.T. -0.003 min
 Lab File: BE098780.D
 Acq: 27 Feb 2019 17:10

Tgt Ion:278 Resp: 5

Ion	Ratio	Lower	Upper
278	100		
139	130.8	12.7	19.1#
279	153.8	22.0	33.0#

