

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022619\
 Data File : BE098765.D
 Acq On : 26 Feb 2019 18:48
 Operator : JU/SJ
 Sample : K1603-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M1-T0-OZ-R(PRE)

Quant Time: Feb 27 00:23:47 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)

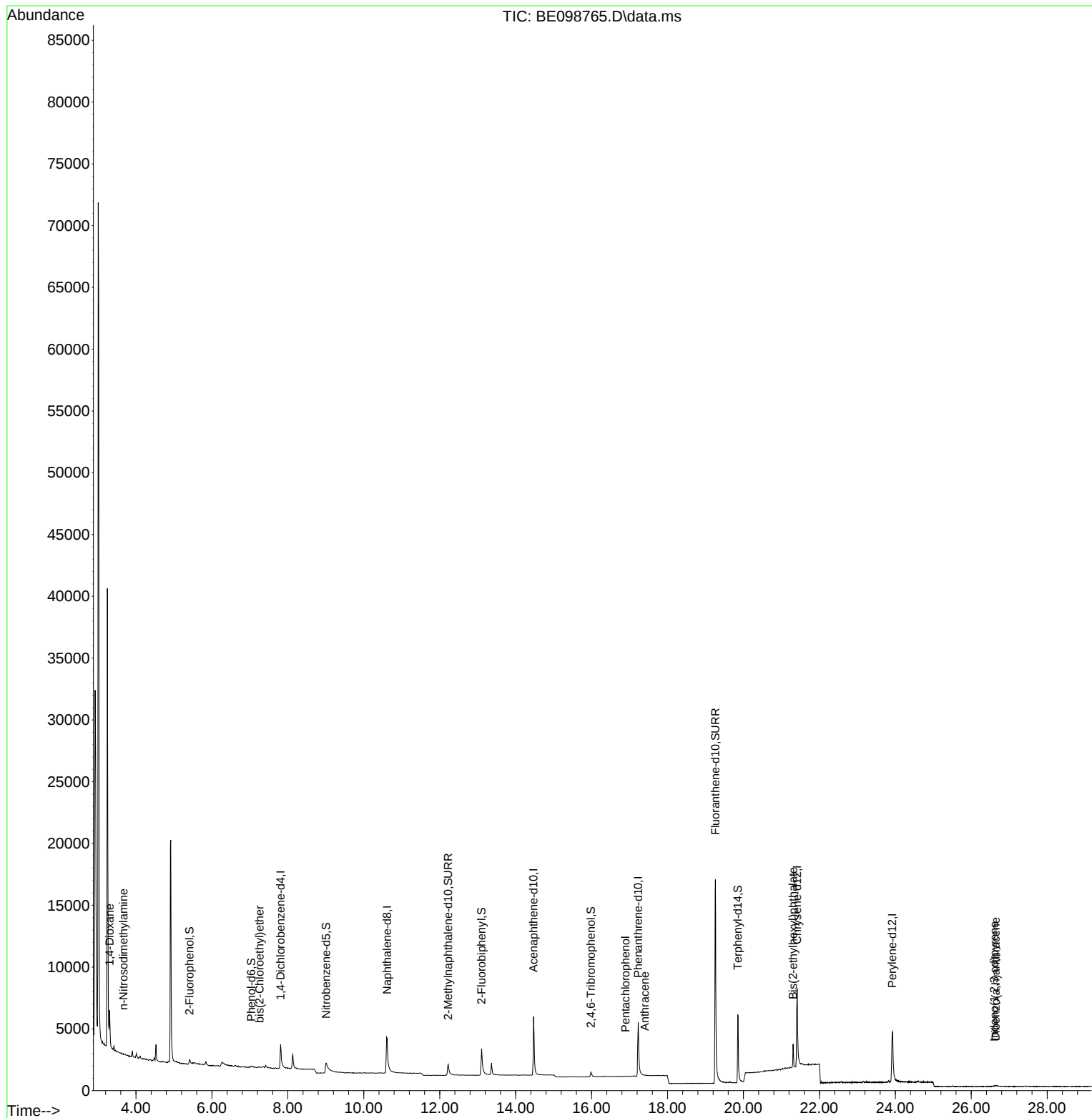
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	1361	0.40	ng	0.00
7) Naphthalene-d8	10.614	136	5263	0.40	ng	0.01
13) Acenaphthene-d10	14.471	164	3670	0.40	ng	0.00
19) Phenanthrene-d10	17.228	188	9233	0.40	ng	# 0.00
27) Chrysene-d12	21.415	240	9662	0.40	ng	0.00
34) Perylene-d12	23.919	264	7778	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.412	112	347	0.10	ng	0.00
5) Phenol-d6	7.036	99	277	0.05	ng	0.04
8) Nitrobenzene-d5	9.003	82	942	0.22	ng	0.02
11) 2-Methylnaphthalene-d10	12.223	152	2262	0.23	ng	0.01
14) 2,4,6-Tribromophenol	15.983	330	394	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.102	172	3610	0.23	ng	0.01
25) Fluoranthene-d10	19.259	212	30288	0.23	ng	0.00
29) Terphenyl-d14	19.851	244	6523	0.27	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.304	88	1376	0.59	ng	# 90
3) n-Nitrosodimethylamine	3.673	42	50	0.11	ng	# 27
6) bis(2-Chloroethyl)ether	7.254	93	53	0.08	ng	88
22) Pentachlorophenol	16.893	266	13	0.22	ng	# 70
24) Anthracene	17.402	178	9	0.08	ng	# 26
32) Bis(2-ethylhexyl)phtha...	21.307	149	2440	0.04	ng	98
33) Indeno(1,2,3-cd)pyrene	26.602	276	33	0.09	ng	# 64
38) Dibenzo(a,h)anthracene	26.641	278	68	0.15	ng	# 1

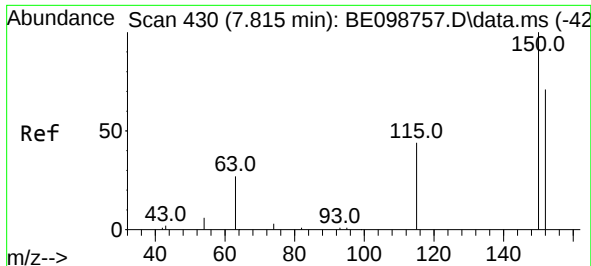
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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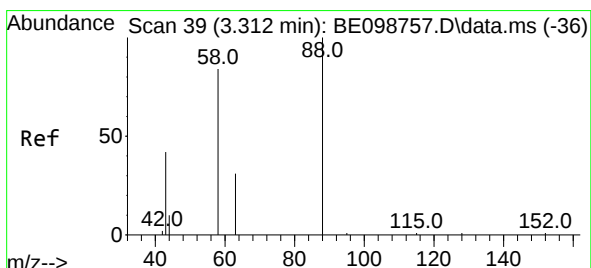
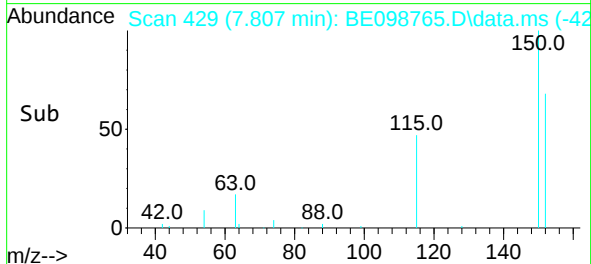
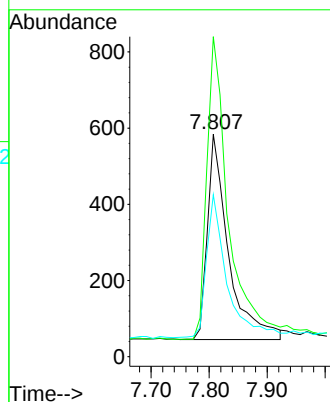
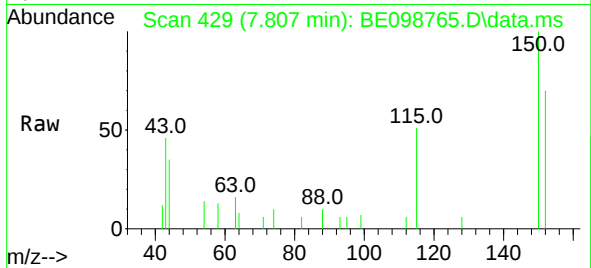


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.807 min Scan# 429
 Delta R.T. -0.008 min
 Lab File: BE098765.D
 Acq: 26 Feb 2019 18:48

Instrument :
 BNA_E
 ClientSampleId :
 M1-T0-OZ-R(PRE)

Tgt Ion: 152 Resp: 1361

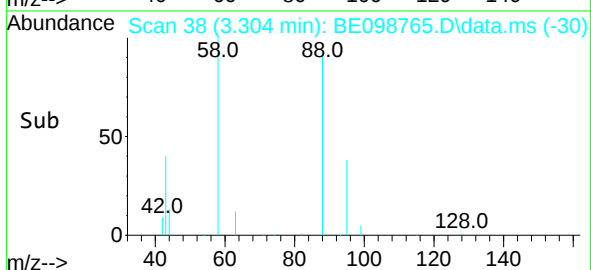
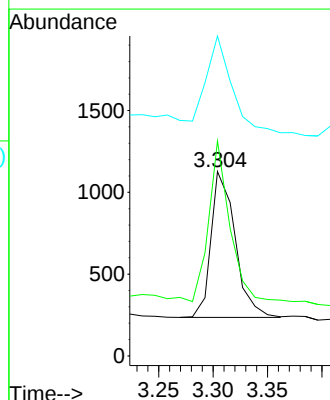
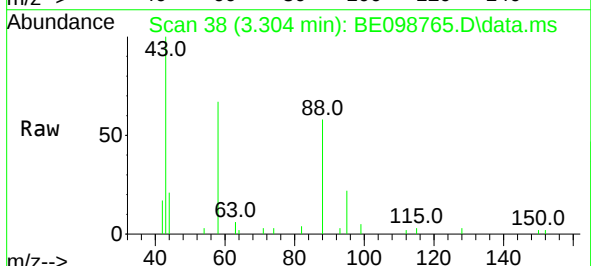
Ion	Ratio	Lower	Upper
152	100		
150	143.8	121.4	182.2
115	72.8	59.1	88.7

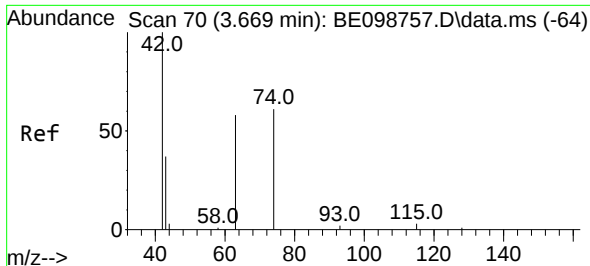


#2
 1,4-Dioxane
 Concen: 0.59 ng
 RT: 3.304 min Scan# 38
 Delta R.T. -0.008 min
 Lab File: BE098765.D
 Acq: 26 Feb 2019 18:48

Tgt Ion: 88 Resp: 1376

Ion	Ratio	Lower	Upper
88	100		
58	92.7	73.9	110.9
43	72.7	43.7	65.5

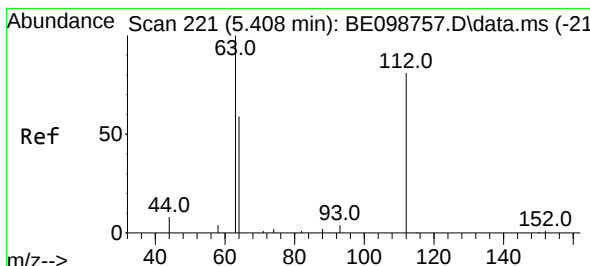
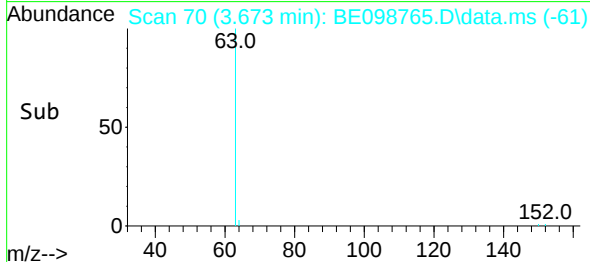
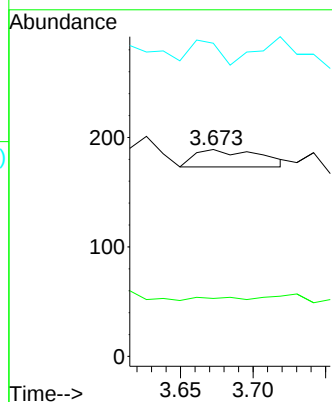
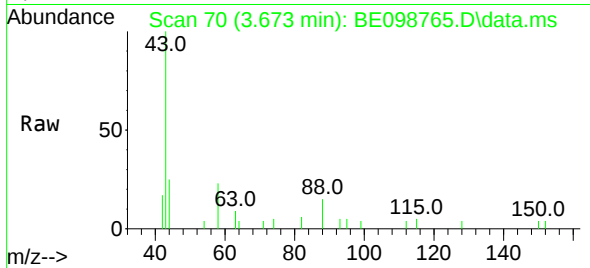




#3
n-Nitrosodimethylamine
Concen: 0.11 ng
RT: 3.673 min Scan# 70
Delta R.T. 0.004 min
Lab File: BE098765.D
Acq: 26 Feb 2019 18:48

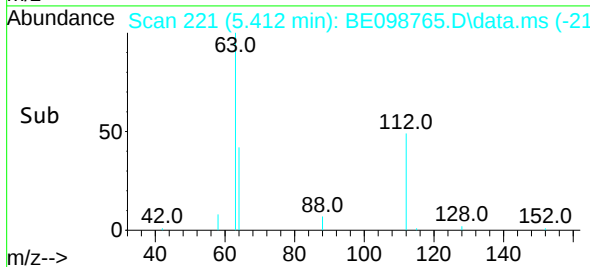
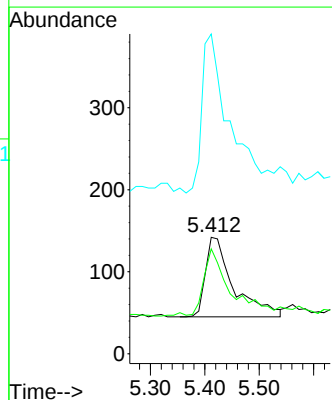
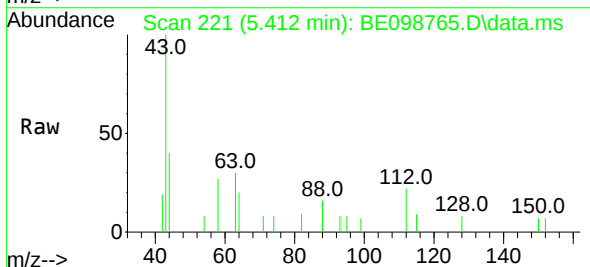
Instrument :
BNA_E
ClientSampleId :
M1-T0-OZ-R(PRE)

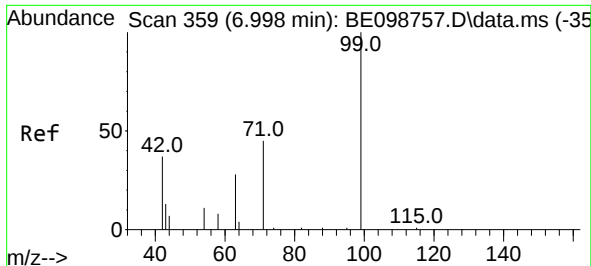
Tgt Ion: 42 Resp: 50
Ion Ratio Lower Upper
42 100
74 12.0 58.9 88.3#
44 60.0 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.412 min Scan# 221
Delta R.T. 0.003 min
Lab File: BE098765.D
Acq: 26 Feb 2019 18:48

Tgt Ion: 112 Resp: 347
Ion Ratio Lower Upper
112 100
64 77.5 62.9 94.3
63 204.3 152.2 228.4

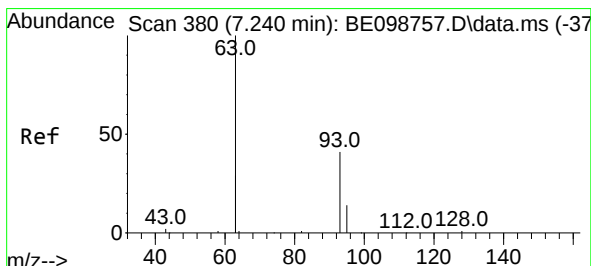
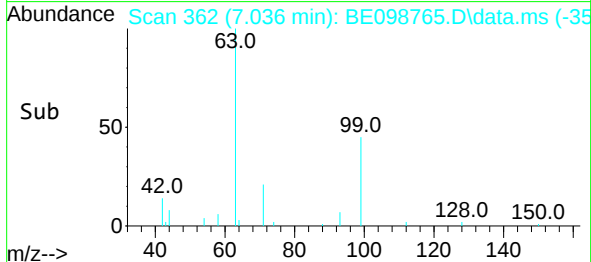
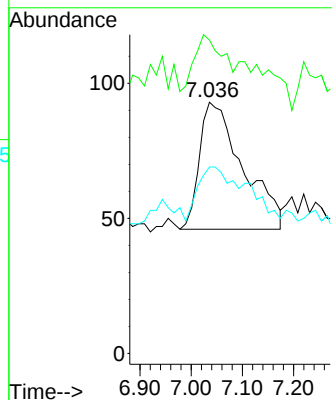
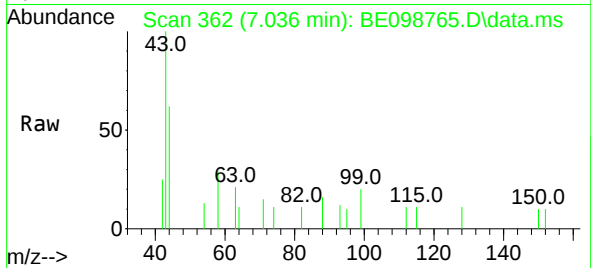




#5
Phenol-d6
Concen: 0.05 ng
RT: 7.036 min Scan# 362
Delta R.T. 0.038 min
Lab File: BE098765.D
Acq: 26 Feb 2019 18:48

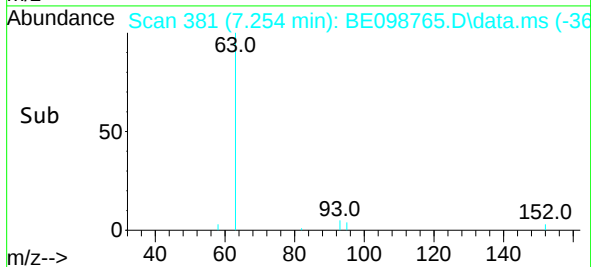
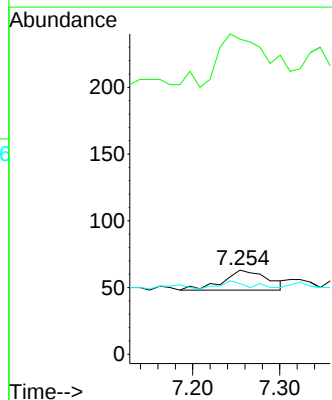
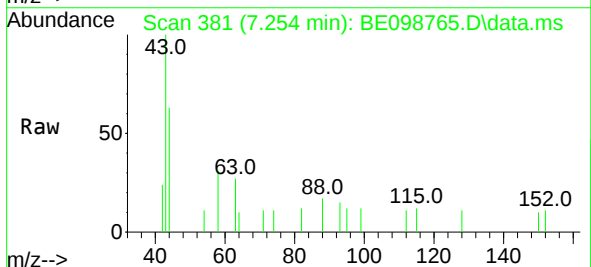
Instrument :
BNA_E
ClientSampleId :
M1-T0-OZ-R(PRE)

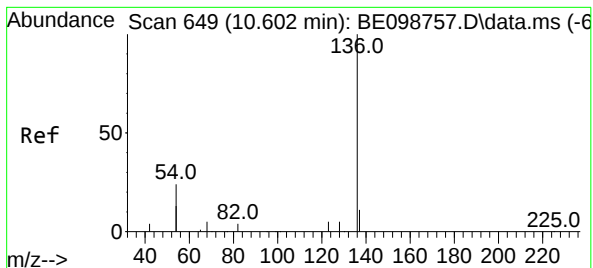
Tgt Ion: 99 Resp: 277
Ion Ratio Lower Upper
99 100
42 28.9 24.6 37.0
71 46.9 35.1 52.7



#6
bis(2-Chloroethyl)ether
Concen: 0.08 ng
RT: 7.254 min Scan# 381
Delta R.T. 0.014 min
Lab File: BE098765.D
Acq: 26 Feb 2019 18:48

Tgt Ion: 93 Resp: 53
Ion Ratio Lower Upper
93 100
63 307.5 267.3 400.9
95 26.4 26.2 39.4

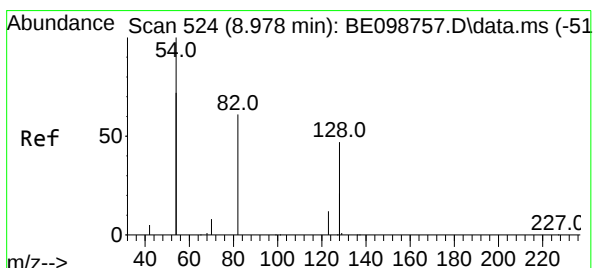
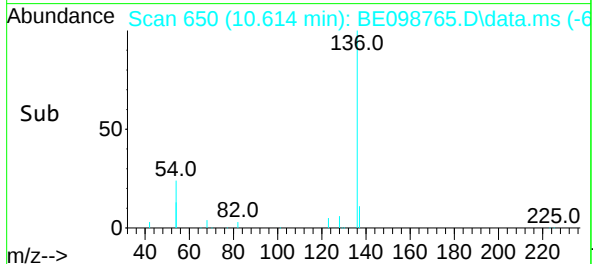
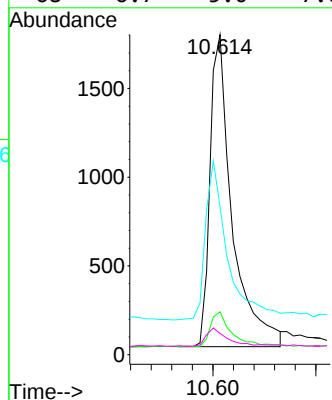
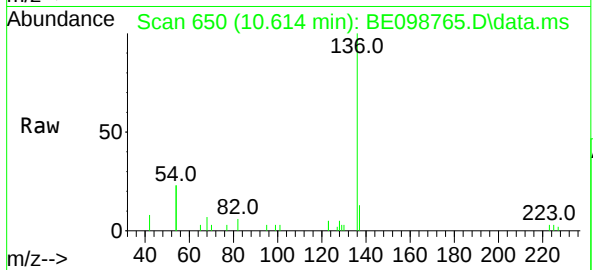




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. 0.012 min
Lab File: BE098765.D
Acq: 26 Feb 2019 18:48

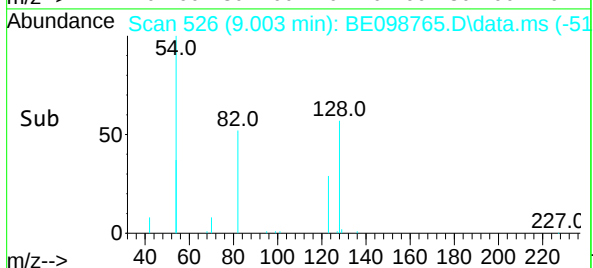
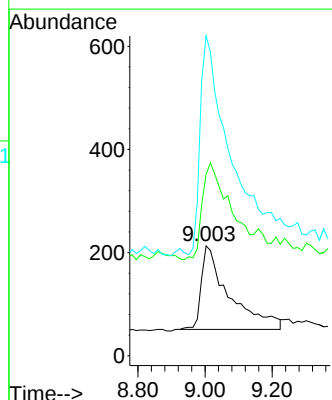
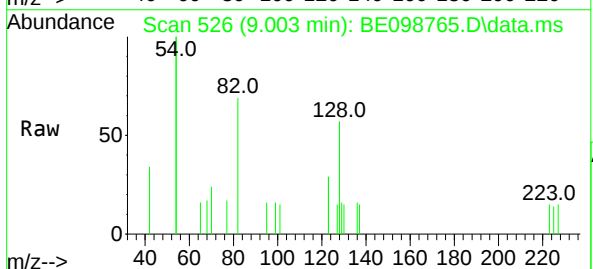
Instrument :
BNA_E
ClientSampleId :
M1-T0-OZ-R(PRE)

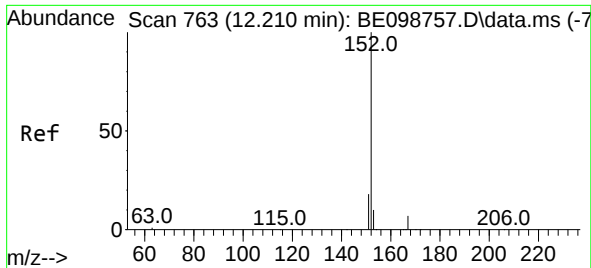
Tgt Ion:	136	Resp:	5263
Ion Ratio	Lower	Upper	
136	100		
137	13.4	9.7	14.5
54	46.3	35.5	53.3
68	6.7	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.22 ng
RT: 9.003 min Scan# 526
Delta R.T. 0.025 min
Lab File: BE098765.D
Acq: 26 Feb 2019 18:48

Tgt Ion:	82	Resp:	942
Ion Ratio	Lower	Upper	
82	100		
128	165.3	96.5	144.7#
54	291.1	224.7	337.1

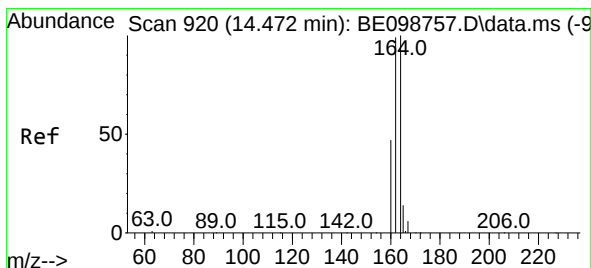
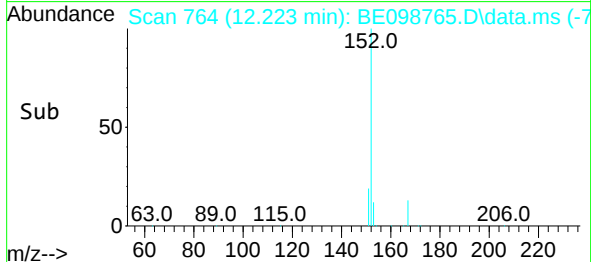
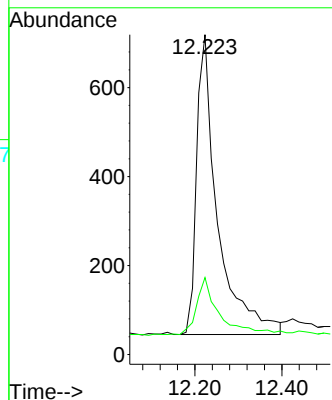
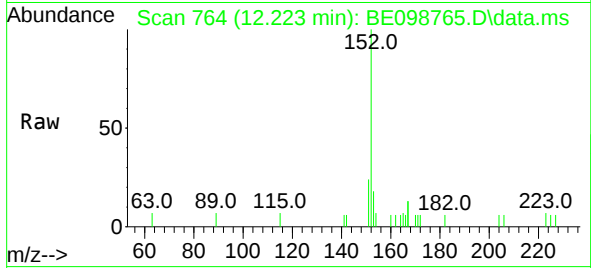




#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 12.223 min Scan# 764
Delta R.T. 0.013 min
Lab File: BE098765.D
Acq: 26 Feb 2019 18:48

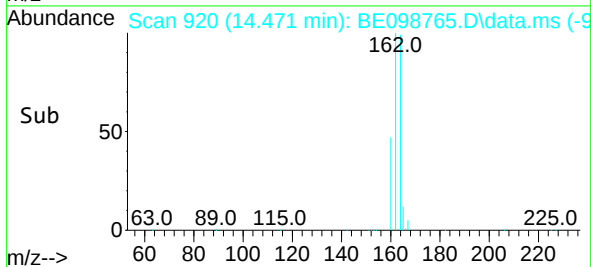
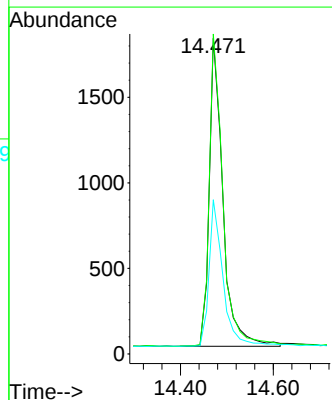
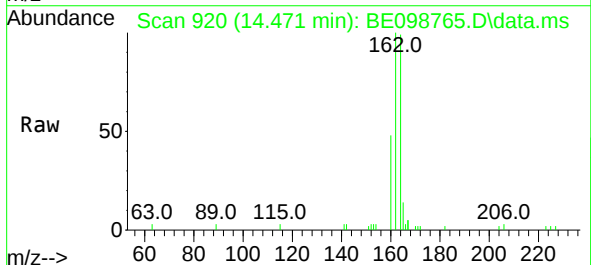
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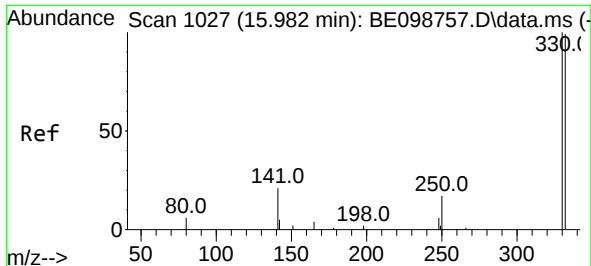
Tgt Ion:152 Resp: 2262
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.471 min Scan# 920
Delta R.T. -0.001 min
Lab File: BE098765.D
Acq: 26 Feb 2019 18:48

Tgt Ion:164 Resp: 3670
Ion Ratio Lower Upper
164 100
162 101.4 80.5 120.7
160 48.8 40.1 60.1

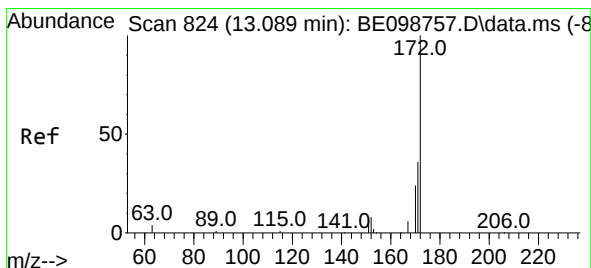
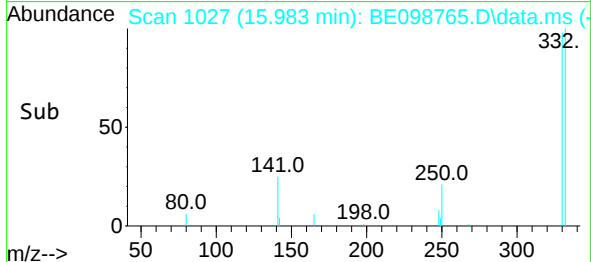
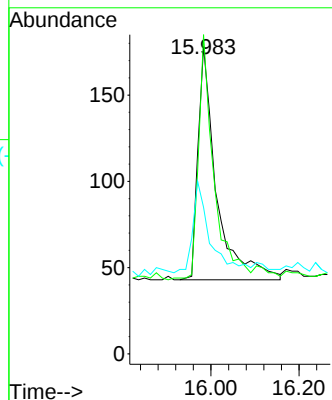
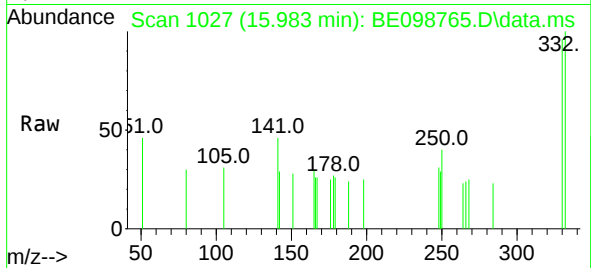




#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.983 min Scan# 1027
Delta R.T. 0.001 min
Lab File: BE098765.D
Acq: 26 Feb 2019 18:48

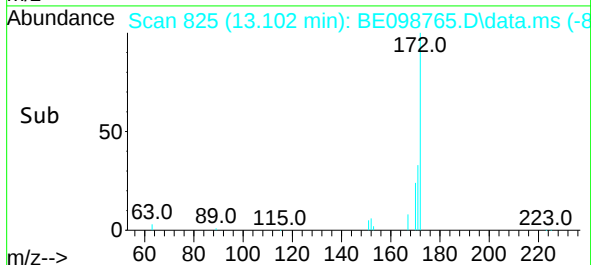
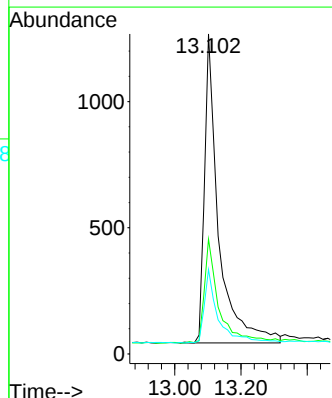
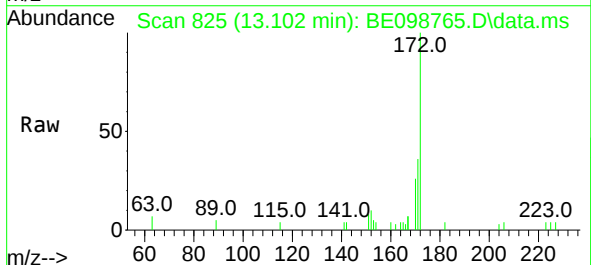
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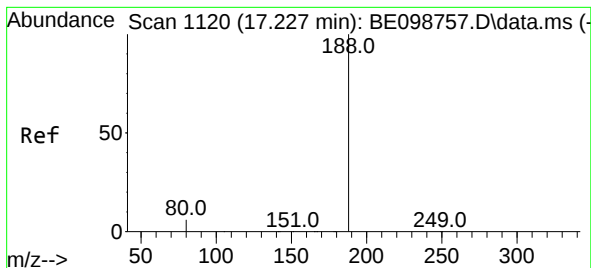
Tgt Ion:	330	Resp:	394
Ion Ratio	Lower	Upper	
330	100		
332	87.6	73.3	109.9
141	36.5	33.1	49.7



#15
2-Fluorobiphenyl
Concen: 0.23 ng
RT: 13.102 min Scan# 825
Delta R.T. 0.013 min
Lab File: BE098765.D
Acq: 26 Feb 2019 18:48

Tgt Ion:	172	Resp:	3610
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.0	43.4
170	26.4	20.8	31.2

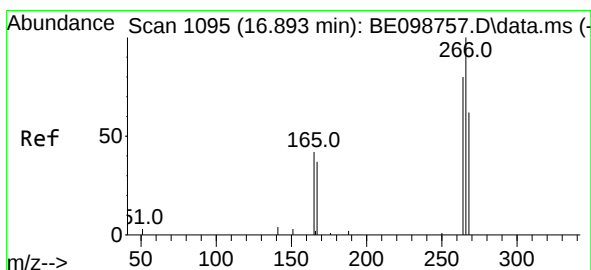
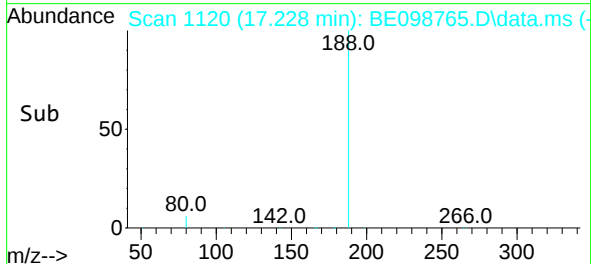
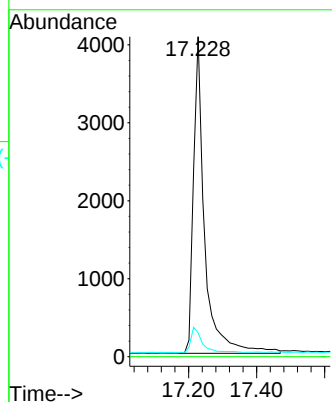
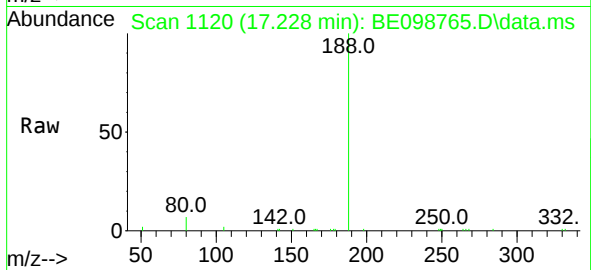




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.228 min Scan# 1120
Delta R.T. 0.001 min
Lab File: BE098765.D
Acq: 26 Feb 2019 18:48

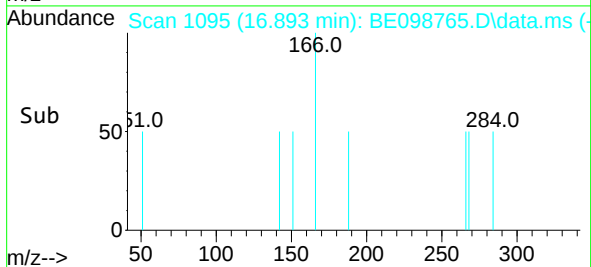
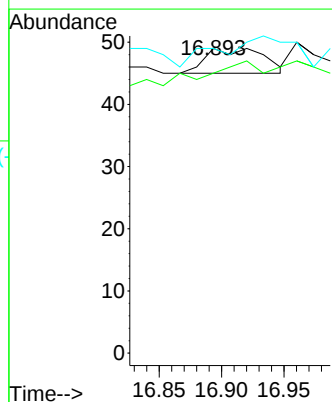
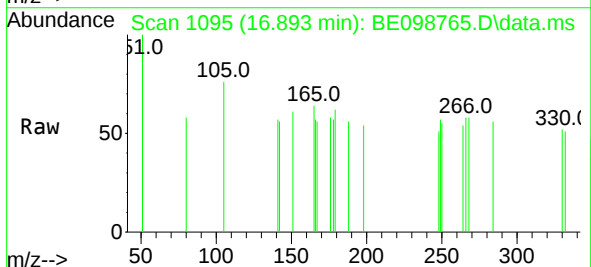
Instrument :
BNA_E
ClientSampleId :
M1-T0-OZ-R(PRE)

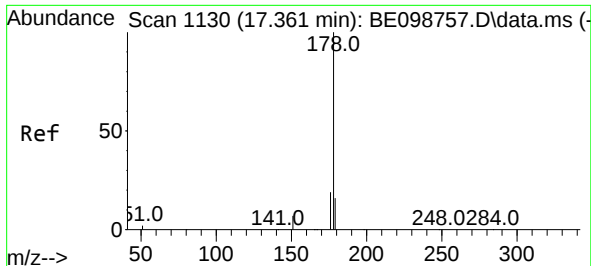
Tgt Ion:188 Resp: 9233
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 4.7 7.1#



#22
Pentachlorophenol
Concen: 0.22 ng
RT: 16.893 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BE098765.D
Acq: 26 Feb 2019 18:48

Tgt Ion:266 Resp: 13
Ion Ratio Lower Upper
266 100
264 91.8 53.7 80.5#
268 100.0 59.8 89.8#

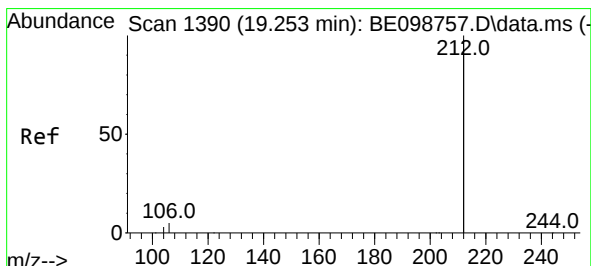
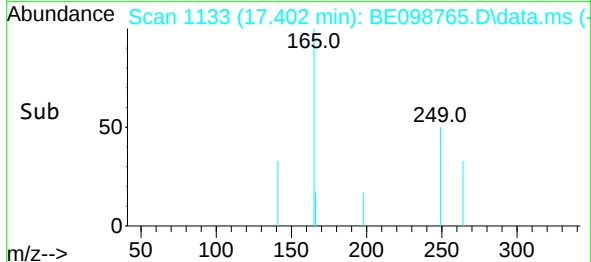
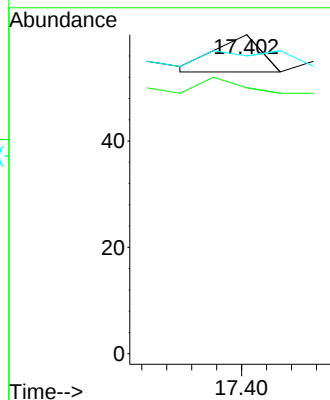
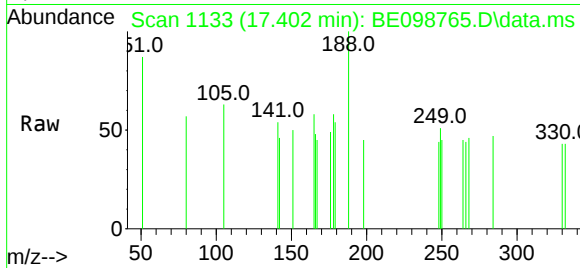




#24
 Anthracene
 Concen: 0.08 ng
 RT: 17.402 min Scan# 1133
 Delta R.T. 0.041 min
 Lab File: BE098765.D
 Acq: 26 Feb 2019 18:48

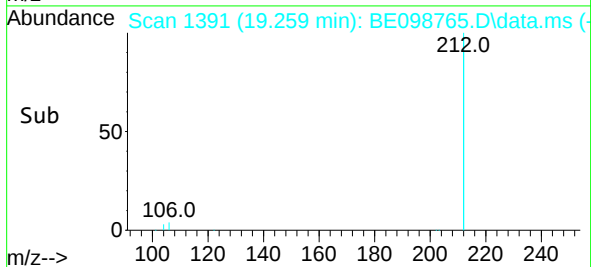
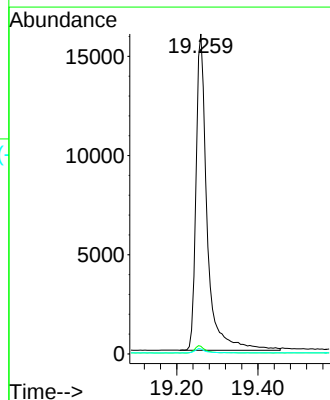
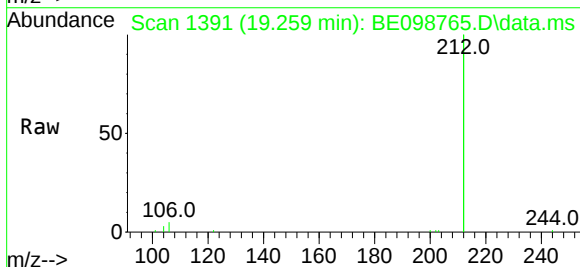
Instrument :
 BNA_E
 ClientSampleId :
 M1-T0-OZ-R(PRE)

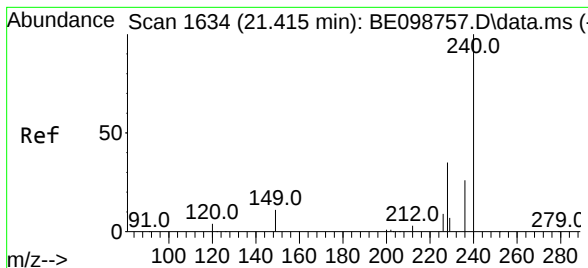
Tgt Ion:178 Resp: 9
 Ion Ratio Lower Upper
 178 100
 176 33.3 14.9 22.3#
 179 66.7 11.8 17.8#



#25
 Fluoranthene-d10
 Concen: 0.23 ng
 RT: 19.259 min Scan# 1391
 Delta R.T. 0.006 min
 Lab File: BE098765.D
 Acq: 26 Feb 2019 18:48

Tgt Ion:212 Resp: 30288
 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: 21.415 min Scan# 1634

Delta R.T. 0.000 min

Lab File: BE098765.D

Acq: 26 Feb 2019 18:48

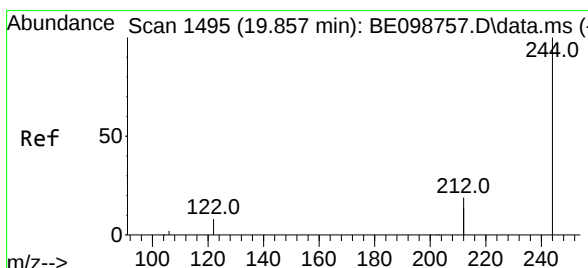
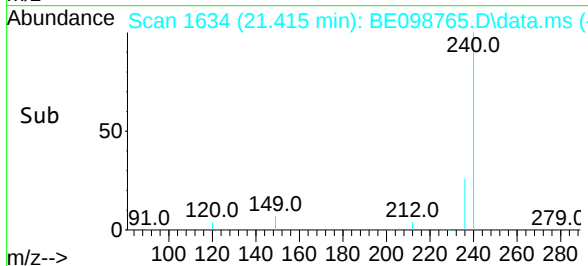
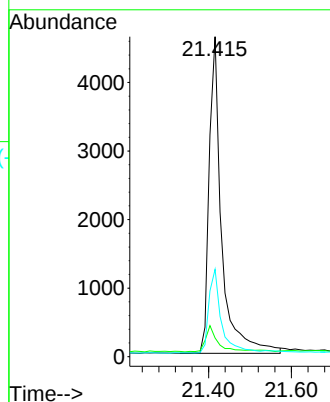
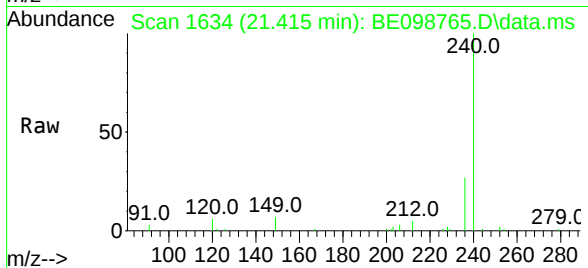
Tgt Ion:240 Resp: 9662

Ion Ratio Lower Upper

240 100

120 5.8 4.7 7.1

236 27.3 21.9 32.9



#29

Terphenyl-d14

Concen: 0.27 ng

RT: 19.851 min Scan# 1494

Delta R.T. -0.005 min

Lab File: BE098765.D

Acq: 26 Feb 2019 18:48

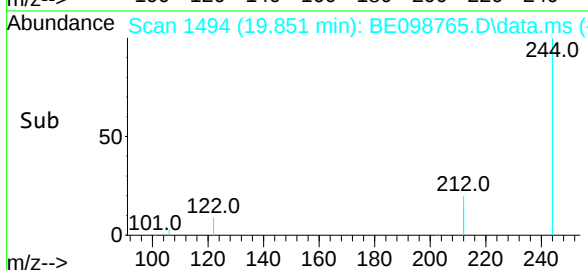
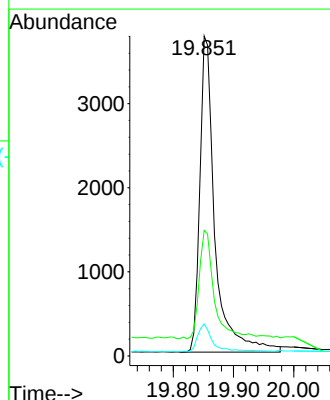
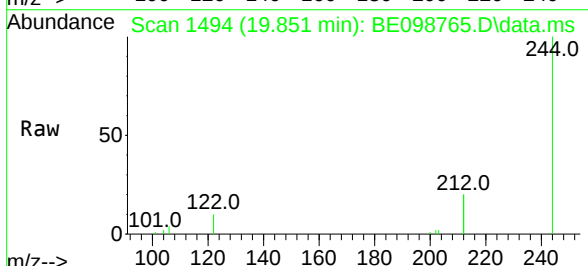
Tgt Ion:244 Resp: 6523

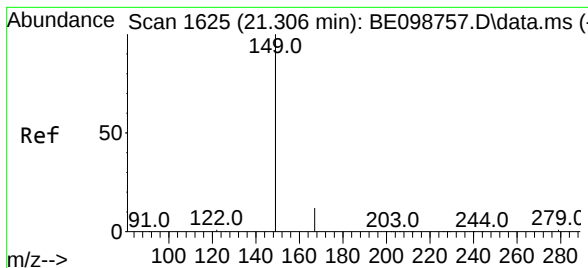
Ion Ratio Lower Upper

244 100

212 39.3 29.4 44.2

122 10.0 7.1 10.7

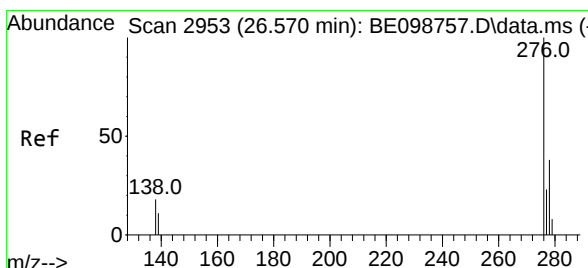
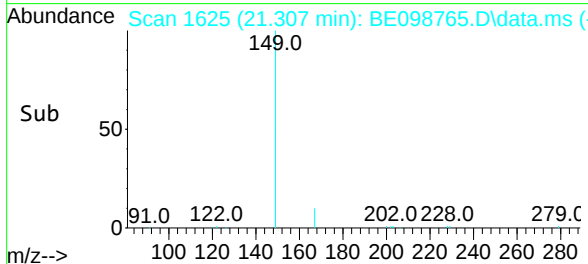
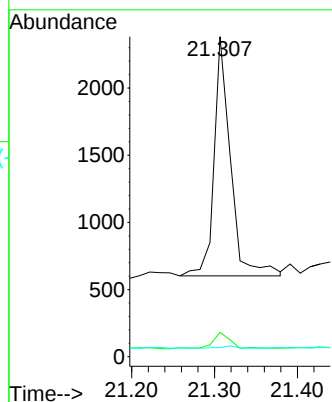
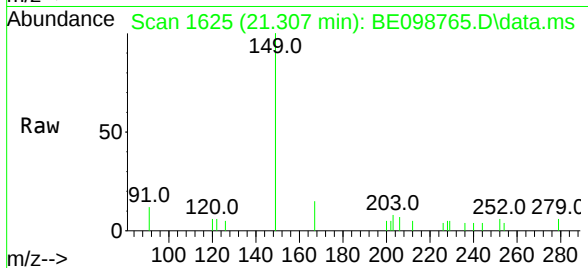




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.04 ng
RT: 21.307 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BE098765.D
Acq: 26 Feb 2019 18:48

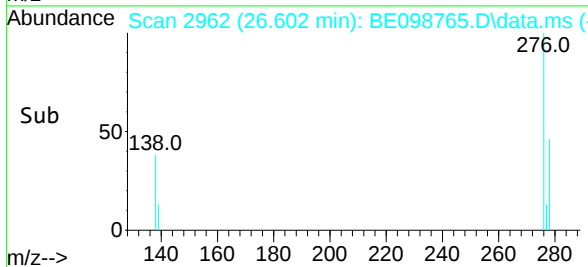
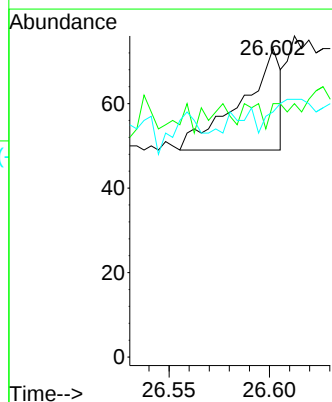
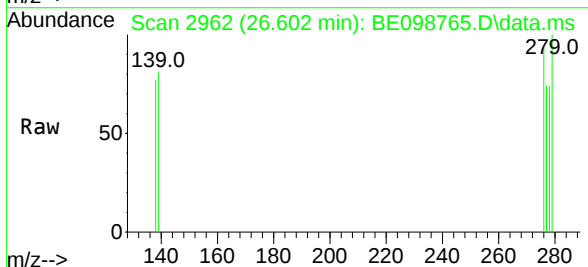
Instrument :
BNA_E
ClientSampleId :
M1-T0-OZ-R(PRE)

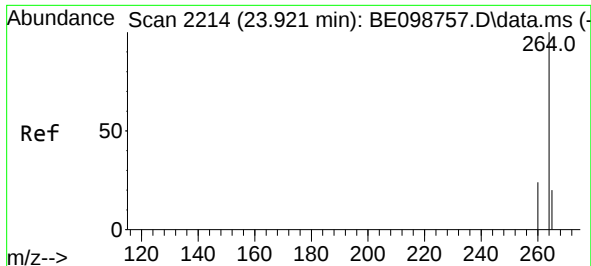
Tgt Ion:149 Resp: 2440
Ion Ratio Lower Upper
149 100
167 7.7 5.4 8.2
279 1.1 1.0 1.4



#33
Indeno(1,2,3-cd)pyrene
Concen: 0.09 ng
RT: 26.602 min Scan# 2962
Delta R.T. 0.032 min
Lab File: BE098765.D
Acq: 26 Feb 2019 18:48

Tgt Ion:276 Resp: 33
Ion Ratio Lower Upper
276 100
138 9.1 13.3 19.9#
277 0.0 19.4 29.0#



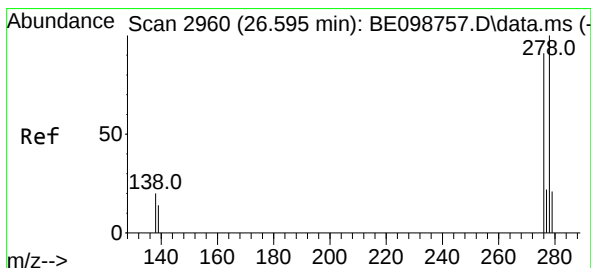
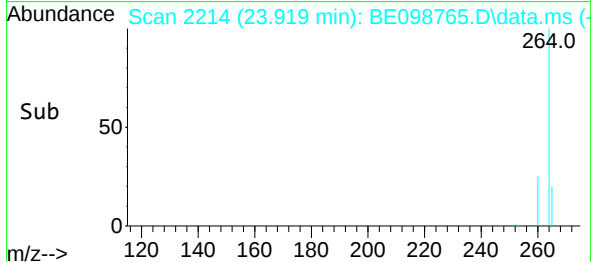
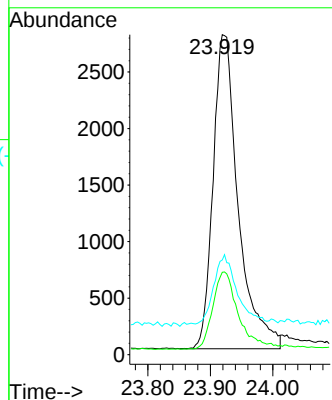
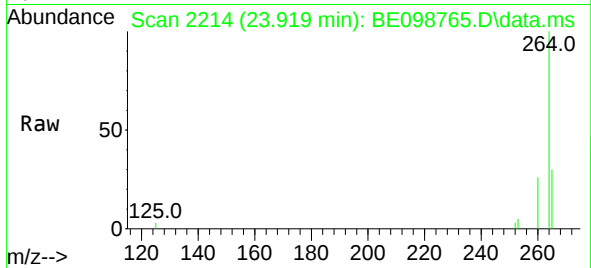


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.919 min Scan# 2214
Delta R.T. -0.002 min
Lab File: BE098765.D
Acq: 26 Feb 2019 18:48

Instrument :
BNA_E
ClientSampleId :
M1-T0-OZ-R(PRE)

Tgt Ion:264 Resp: 7778

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	29.6	22.3	33.5



#38
Dibenzo(a,h)anthracene
Concen: 0.15 ng
RT: 26.641 min Scan# 2973
Delta R.T. 0.046 min
Lab File: BE098765.D
Acq: 26 Feb 2019 18:48

Tgt Ion:278 Resp: 68

Ion	Ratio	Lower	Upper
278	100		
139	77.4	12.7	19.1#
279	92.9	22.0	33.0#

