

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022619\
 Data File : BE098764.D
 Acq On : 26 Feb 2019 18:09
 Operator : JU/SJ
 Sample : K1603-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Feb 27 00:23:36 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)

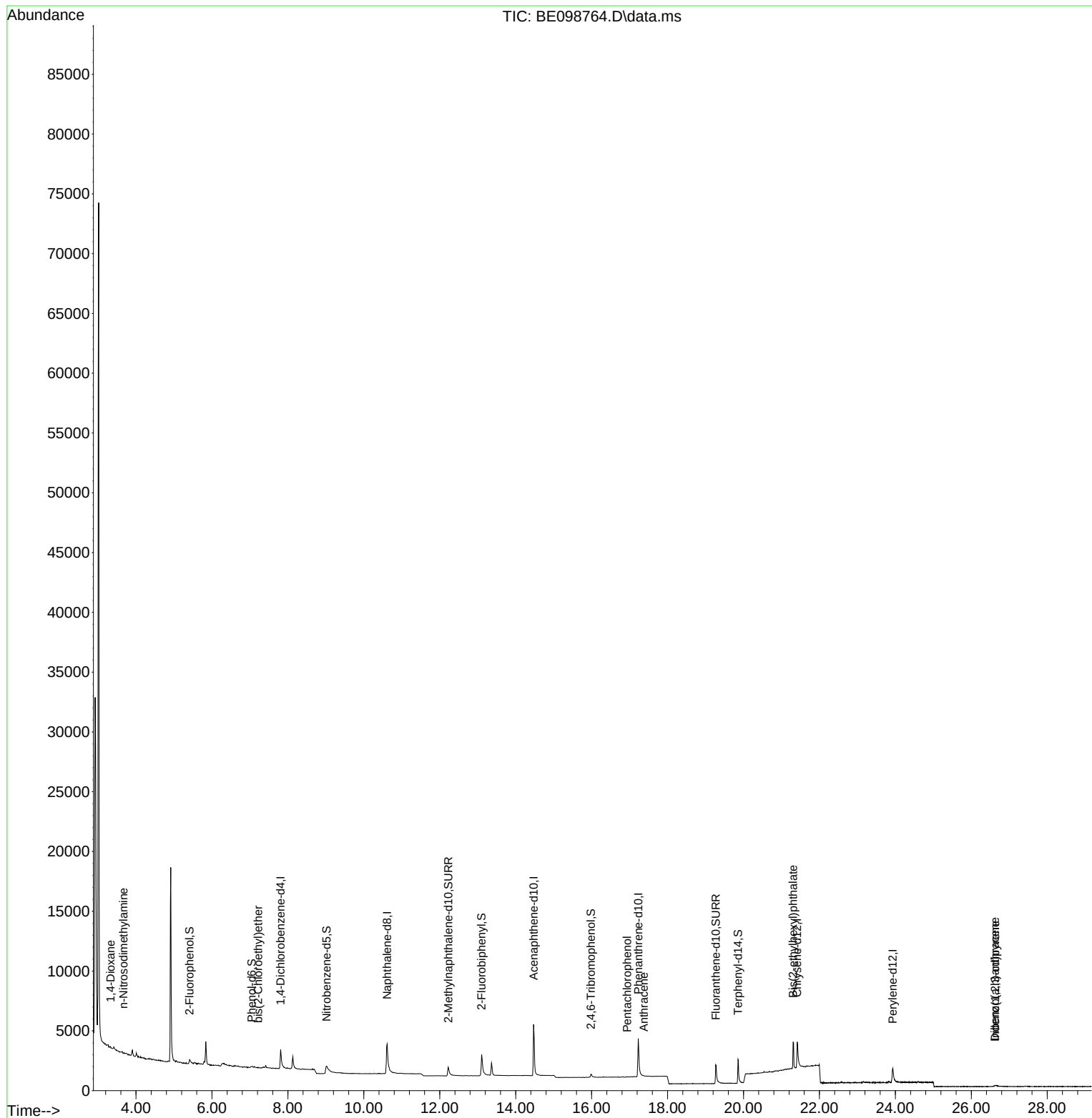
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	1162	0.40	ng	0.00
7) Naphthalene-d8	10.615	136	4680	0.40	ng	# 0.01
13) Acenaphthene-d10	14.471	164	3424	0.40	ng	0.00
19) Phenanthrene-d10	17.229	188	7259	0.40	ng	# 0.00
27) Chrysene-d12	21.414	240	3962	0.40	ng	# 0.00
34) Perylene-d12	23.931	264	2451	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.411	112	335	0.11	ng	0.00
5) Phenol-d6	7.046	99	196	0.04	ng	0.05
8) Nitrobenzene-d5	9.017	82	819	0.22	ng	0.04
11) 2-Methylnaphthalene-d10	12.223	152	1923	0.22	ng	0.01
14) 2,4,6-Tribromophenol	15.984	330	279	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.102	172	3096	0.21	ng	0.01
25) Fluoranthene-d10	19.270	212	3864	0.04	ng	0.02
29) Terphenyl-d14	19.856	244	2732	0.28	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.326	88	44	0.02	ng	# 1
3) n-Nitrosodimethylamine	3.672	42	10	0.10	ng	# 92
6) bis(2-Chloroethyl)ether	7.219	93	6	0.07	ng	# 18
22) Pentachlorophenol	16.934	266	20	0.22	ng	# 74
24) Anthracene	17.376	178	14	0.08	ng	# 24
32) Bis(2-ethylhexyl)phtha...	21.306	149	3622	0.15	ng	99
33) Indeno(1,2,3-cd)pyrene	26.630	276	119	0.10	ng	# 68
38) Dibenzo(a,h)anthracene	26.619	278	31	0.15	ng	# 1

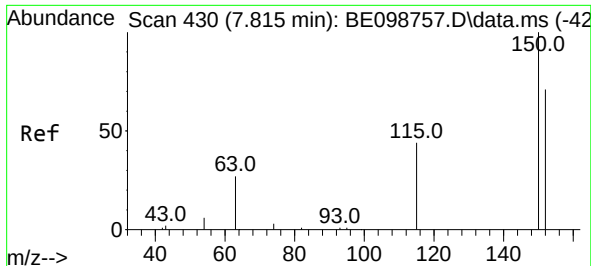
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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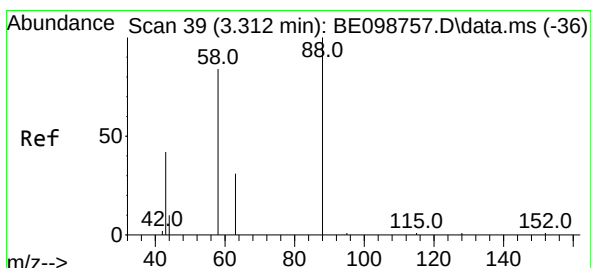
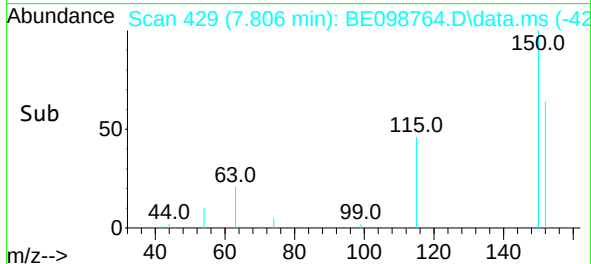
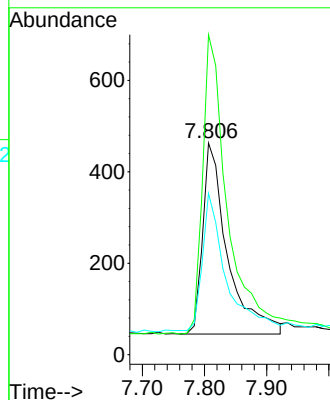
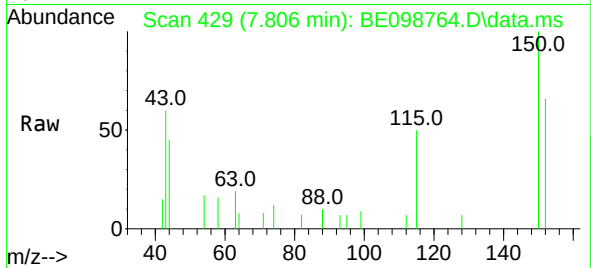




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.806 min Scan# 429
 Delta R.T. -0.009 min
 Lab File: BE098764.D
 Acq: 26 Feb 2019 18:09

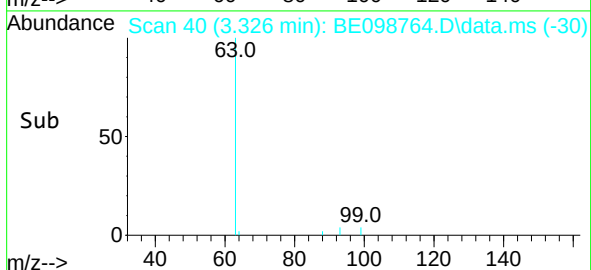
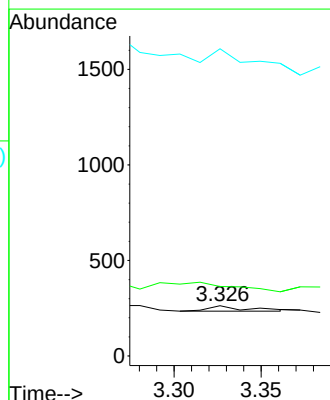
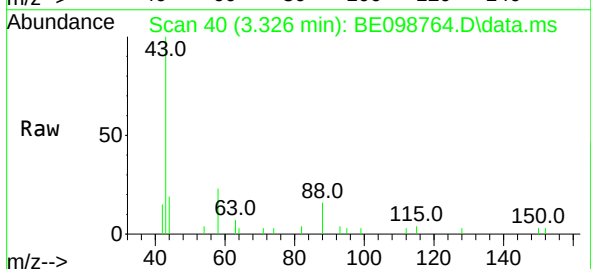
Instrument :
 BNA_E
 ClientSampleId :
 M1-T3-OZ(POST)

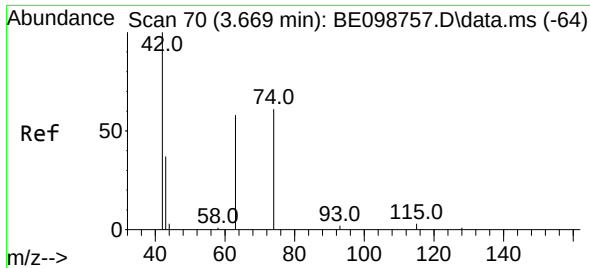
Tgt Ion:152 Resp: 1162
 Ion Ratio Lower Upper
 152 100
 150 151.2 121.4 182.2
 115 76.2 59.1 88.7



#2
 1,4-Dioxane
 Concen: 0.02 ng
 RT: 3.326 min Scan# 40
 Delta R.T. 0.014 min
 Lab File: BE098764.D
 Acq: 26 Feb 2019 18:09

Tgt Ion: 88 Resp: 44
 Ion Ratio Lower Upper
 88 100
 58 327.3 73.9 110.9#
 43 0.0 43.7 65.5#

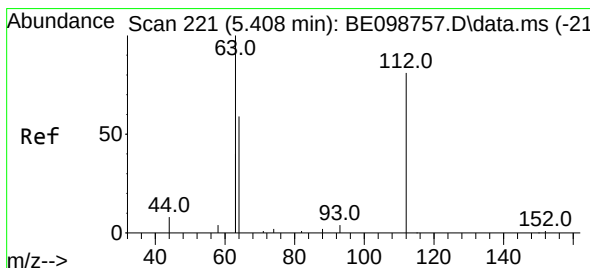
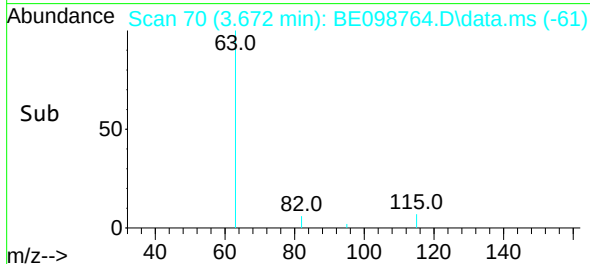
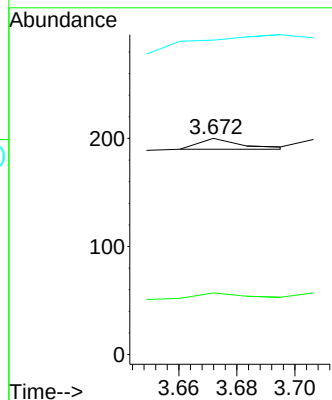
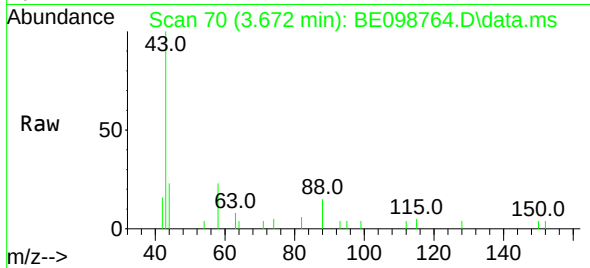




#3
n-Nitrosodimethylamine
Concen: 0.10 ng
RT: 3.672 min Scan# 70
Delta R.T. 0.003 min
Lab File: BE098764.D
Acq: 26 Feb 2019 18:09

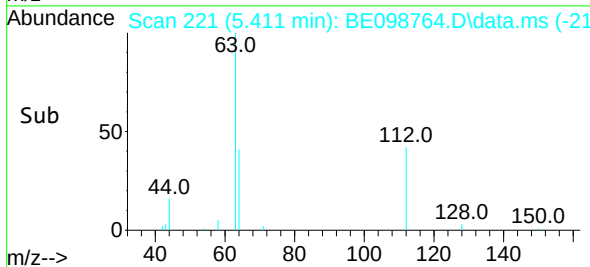
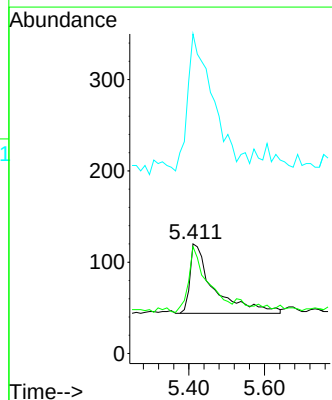
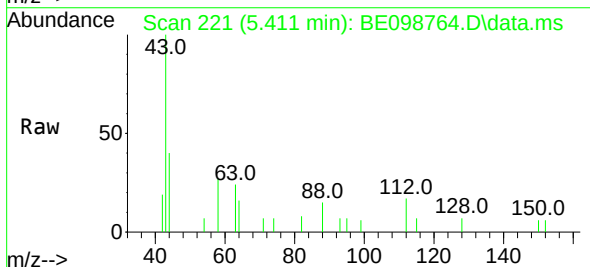
Instrument :
BNA_E
ClientSampleId :
M1-T3-OZ(POST)

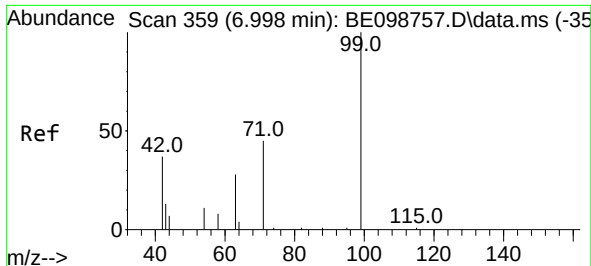
Tgt Ion:	42	Resp:	10
Ion	Ratio	Lower	Upper
42	100		
74	80.0	58.9	88.3
44	0.0	0.0	0.0



#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.411 min Scan# 221
Delta R.T. 0.003 min
Lab File: BE098764.D
Acq: 26 Feb 2019 18:09

Tgt Ion:	112	Resp:	335
Ion	Ratio	Lower	Upper
112	100		
64	76.7	62.9	94.3
63	208.4	152.2	228.4

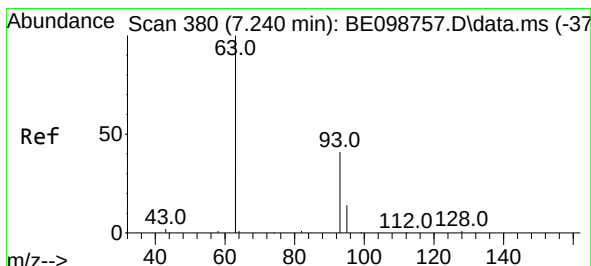
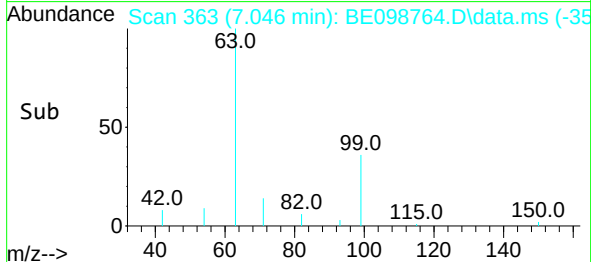
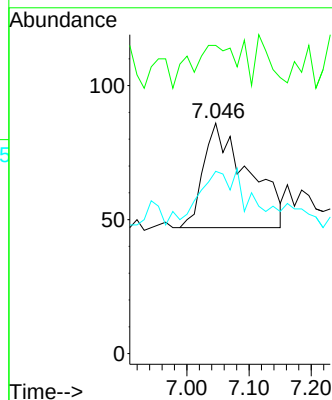
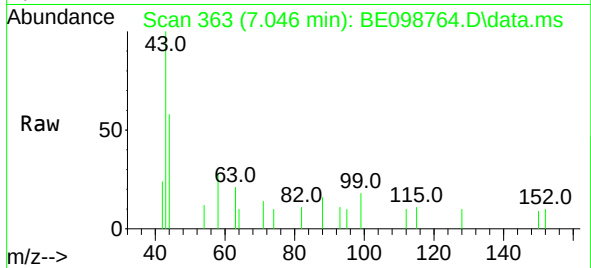




#5
Phenol-d6
Concen: 0.04 ng
RT: 7.046 min Scan# 363
Delta R.T. 0.049 min
Lab File: BE098764.D
Acq: 26 Feb 2019 18:09

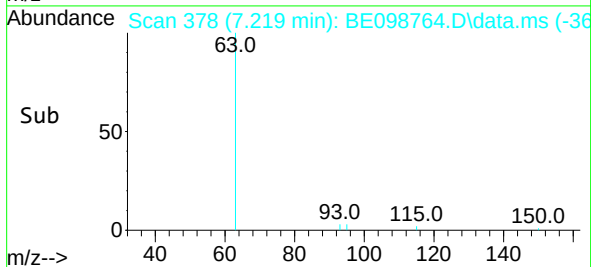
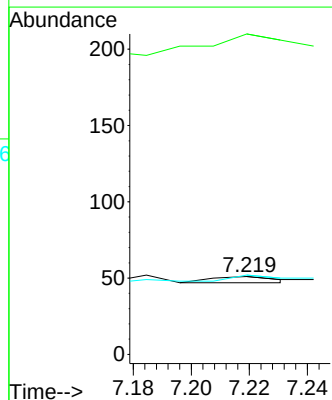
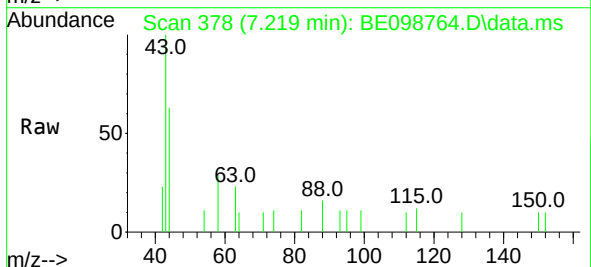
Instrument :
BNA_E
ClientSampleId :
M1-T3-OZ(POST)

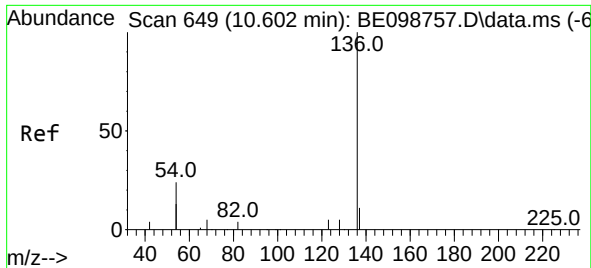
Tgt Ion: 99 Resp: 196
Ion Ratio Lower Upper
99 100
42 31.6 24.6 37.0
71 0.0 35.1 52.7#



#6
bis(2-Chloroethyl)ether
Concen: 0.07 ng
RT: 7.219 min Scan# 378
Delta R.T. -0.021 min
Lab File: BE098764.D
Acq: 26 Feb 2019 18:09

Tgt Ion: 93 Resp: 6
Ion Ratio Lower Upper
93 100
63 500.0 267.3 400.9#
95 100.0 26.2 39.4#

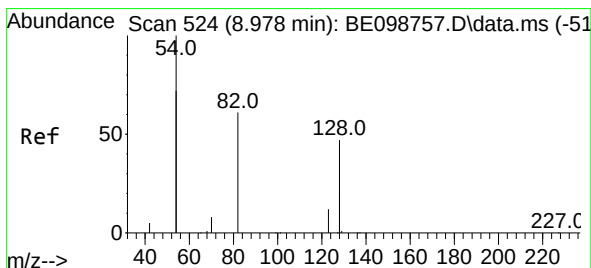
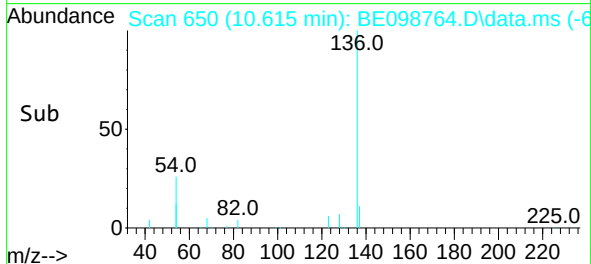
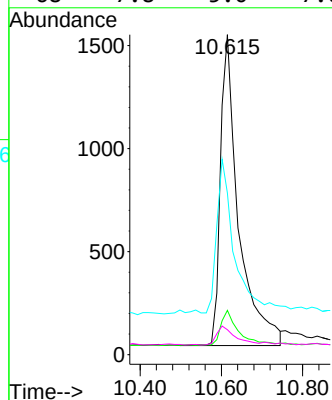
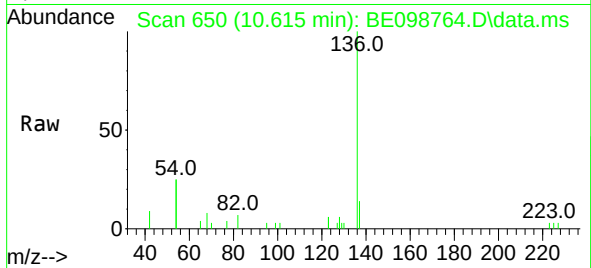




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.615 min Scan# 650
Delta R.T. 0.013 min
Lab File: BE098764.D
Acq: 26 Feb 2019 18:09

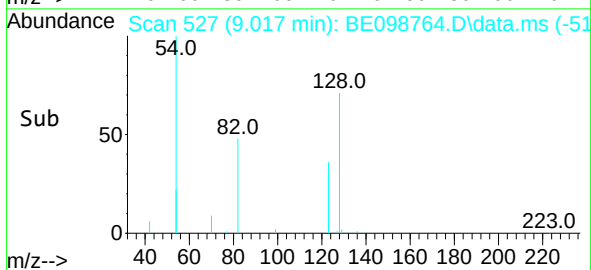
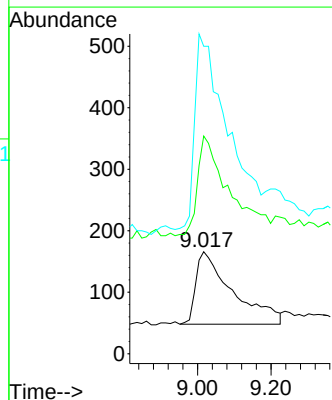
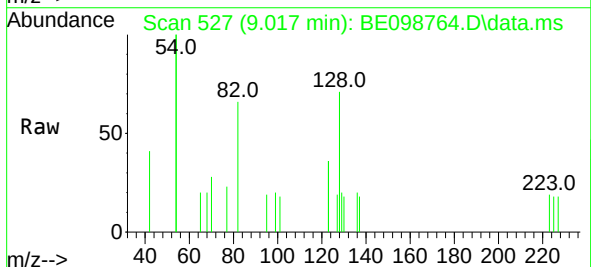
Instrument :
BNA_E
ClientSampleId :
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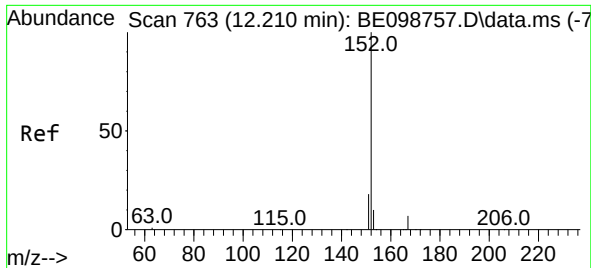
Tgt Ion:	136	Resp:	4680
Ion Ratio	Lower	Upper	
136	100		
137	13.8	9.7	14.5
54	50.5	35.5	53.3
68	7.8	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.22 ng
RT: 9.017 min Scan# 527
Delta R.T. 0.039 min
Lab File: BE098764.D
Acq: 26 Feb 2019 18:09

Tgt Ion:	82	Resp:	819
Ion Ratio	Lower	Upper	
82	100		
128	213.3	96.5	144.7
54	301.2	224.7	337.1

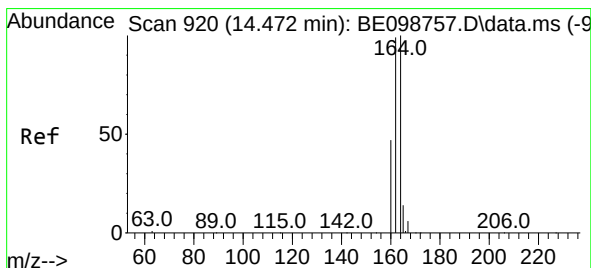
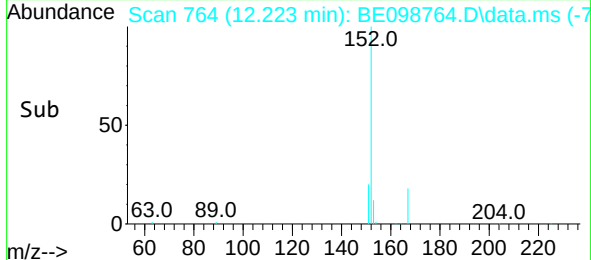
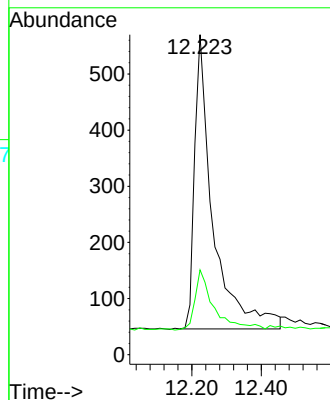
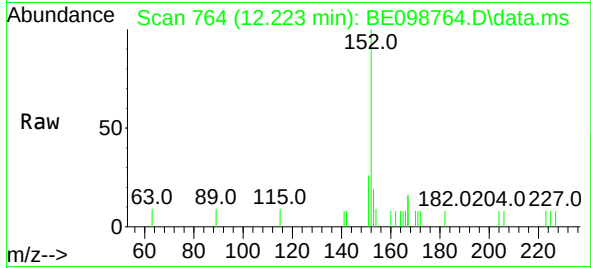




#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 12.223 min Scan# 764
Delta R.T. 0.014 min
Lab File: BE098764.D
Acq: 26 Feb 2019 18:09

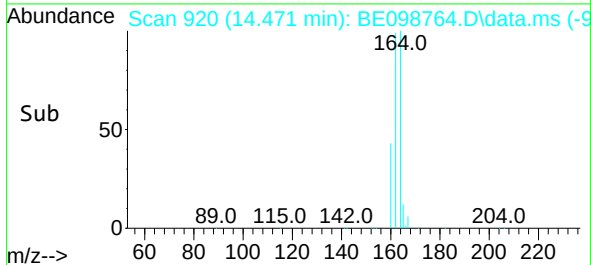
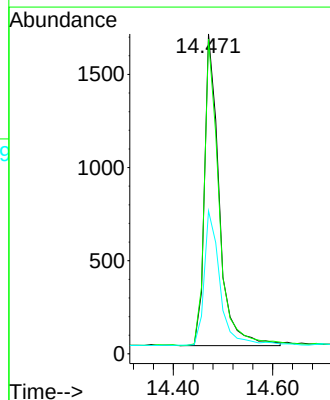
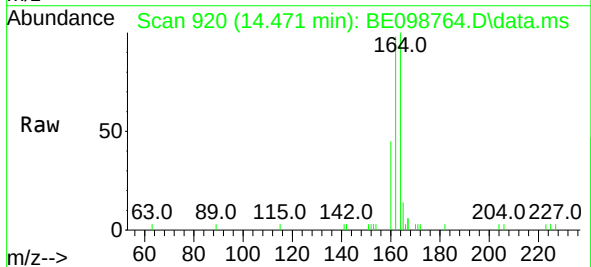
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BNA_E
ClientSampleId :
M1-T3-OZ(POST)

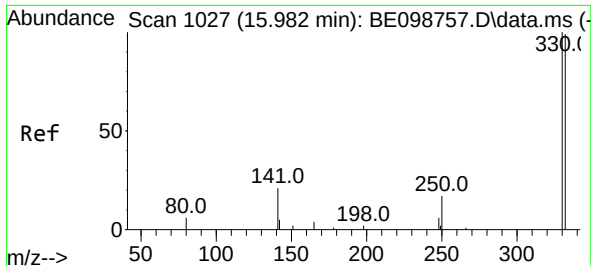
Tgt Ion:152 Resp: 1923
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.471 min Scan# 920
Delta R.T. -0.001 min
Lab File: BE098764.D
Acq: 26 Feb 2019 18:09

Tgt Ion:164 Resp: 3424
Ion Ratio Lower Upper
164 100
162 98.3 80.5 120.7
160 44.7 40.1 60.1

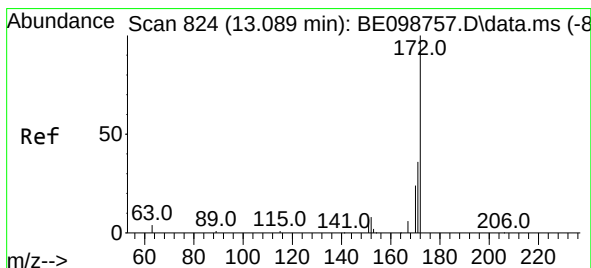
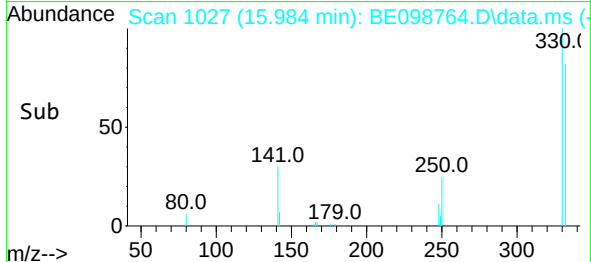
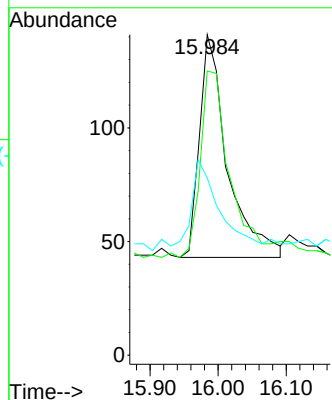
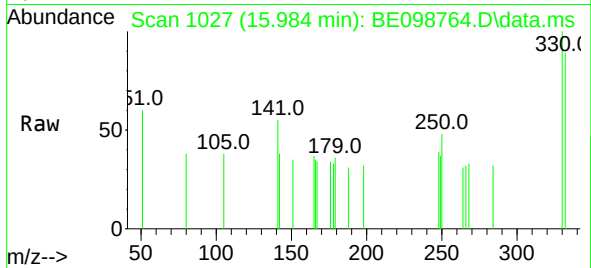




#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.984 min Scan# 1027
Delta R.T. 0.002 min
Lab File: BE098764.D
Acq: 26 Feb 2019 18:09

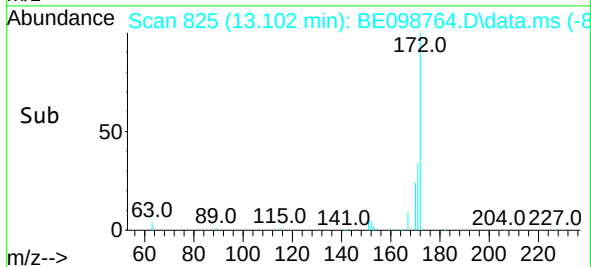
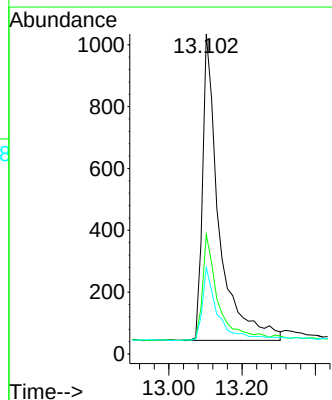
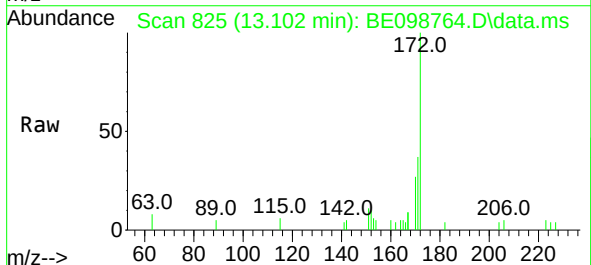
Instrument :
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M1-T3-OZ(POST)

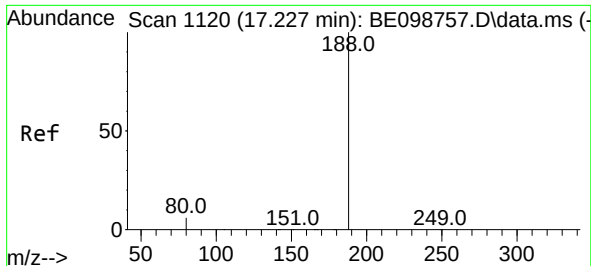
Tgt Ion: 330 Resp: 279
Ion Ratio Lower Upper
330 100
332 88.5 73.3 109.9
141 45.9 33.1 49.7



#15
2-Fluorobiphenyl
Concen: 0.21 ng
RT: 13.102 min Scan# 825
Delta R.T. 0.013 min
Lab File: BE098764.D
Acq: 26 Feb 2019 18:09

Tgt Ion: 172 Resp: 3096
Ion Ratio Lower Upper
172 100
171 37.3 29.0 43.4
170 27.1 20.8 31.2

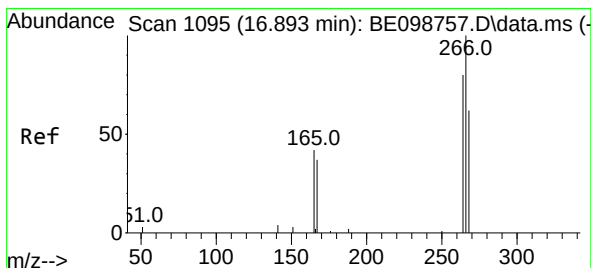
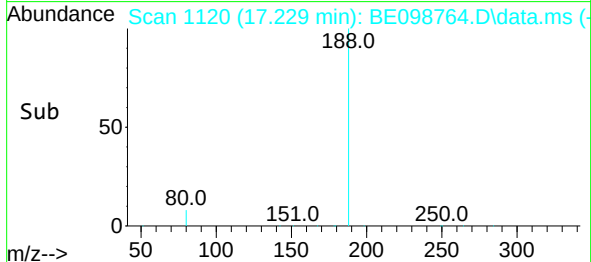
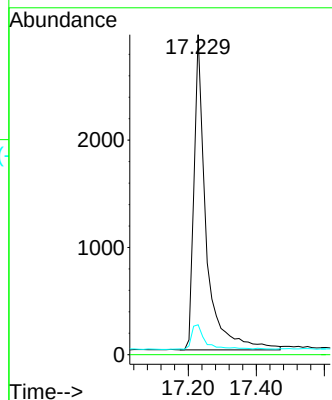
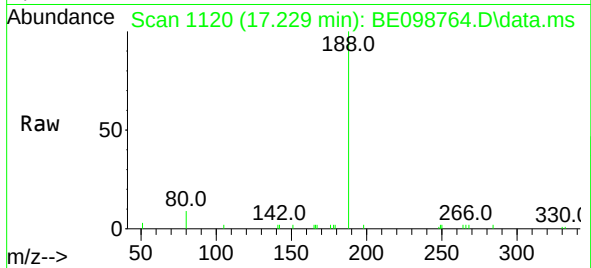




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.229 min Scan# 1120
Delta R.T. 0.002 min
Lab File: BE098764.D
Acq: 26 Feb 2019 18:09

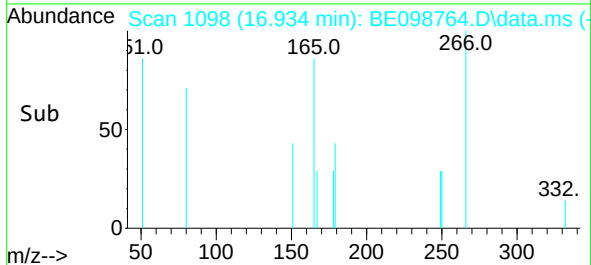
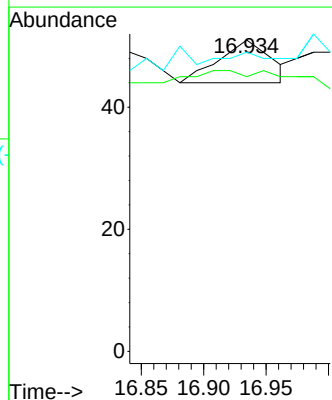
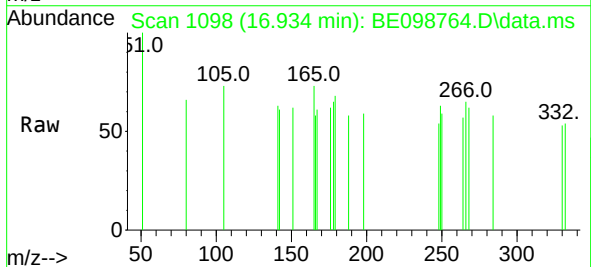
Instrument :
BNA_E
ClientSampleId :
M1-T3-OZ(POST)

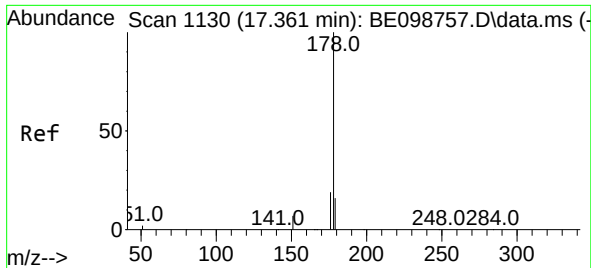
Tgt Ion:188 Resp: 7259
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 4.7 7.1#



#22
Pentachlorophenol
Concen: 0.22 ng
RT: 16.934 min Scan# 1098
Delta R.T. 0.041 min
Lab File: BE098764.D
Acq: 26 Feb 2019 18:09

Tgt Ion:266 Resp: 20
Ion Ratio Lower Upper
266 100
264 88.2 53.7 80.5#
268 96.1 59.8 89.8#

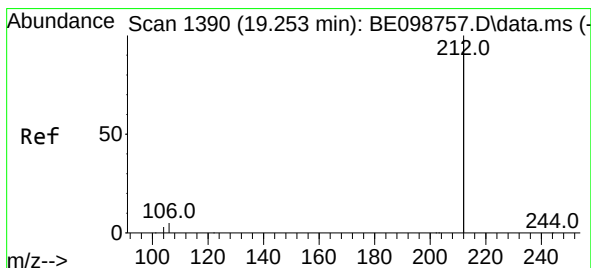
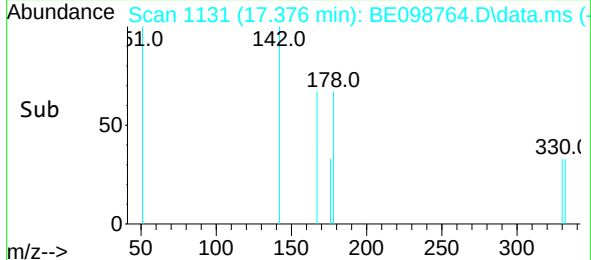
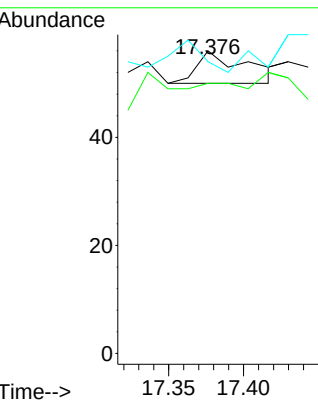
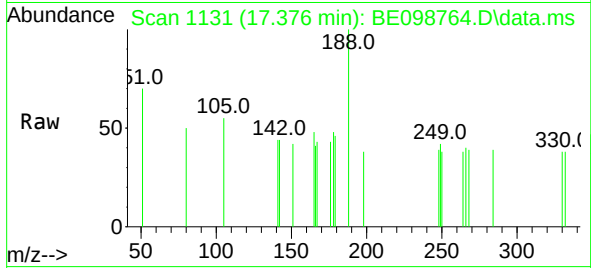




#24
 Anthracene
 Concen: 0.08 ng
 RT: 17.376 min Scan# 1131
 Delta R.T. 0.015 min
 Lab File: BE098764.D
 Acq: 26 Feb 2019 18:09

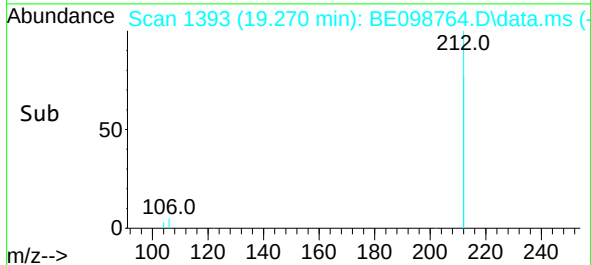
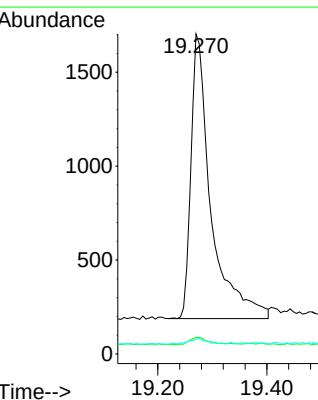
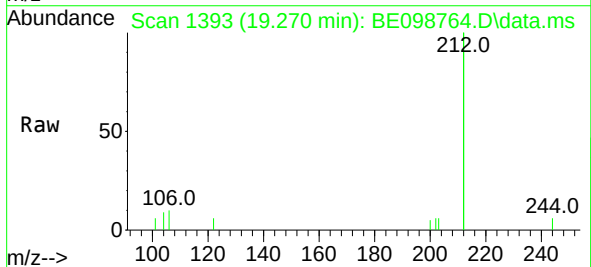
Instrument :
 BNA_E
 ClientSampleId :
 M1-T3-OZ(POST)

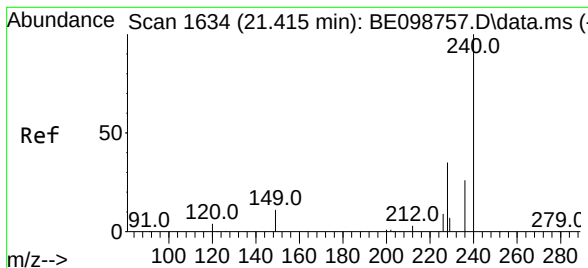
Tgt Ion:178 Resp: 14
 Ion Ratio Lower Upper
 178 100
 176 0.0 14.9 22.3#
 179 64.3 11.8 17.8#



#25
 Fluoranthene-d10
 Concen: 0.04 ng
 RT: 19.270 min Scan# 1393
 Delta R.T. 0.017 min
 Lab File: BE098764.D
 Acq: 26 Feb 2019 18:09

Tgt Ion:212 Resp: 3864
 Ion Ratio Lower Upper
 212 100
 106 2.8 1.7 2.5#
 104 2.0 1.0 1.6#





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.414 min Scan# 1634

Delta R.T. -0.001 min

Lab File: BE098764.D

Acq: 26 Feb 2019 18:09

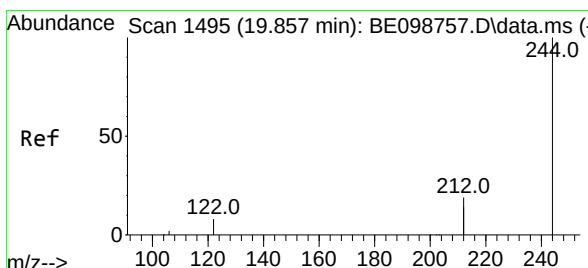
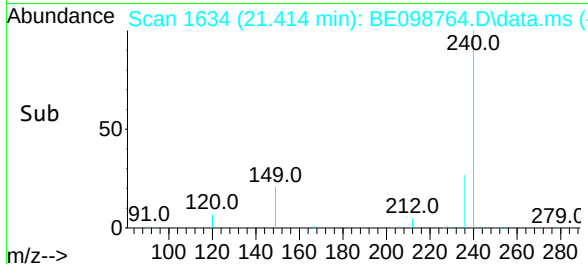
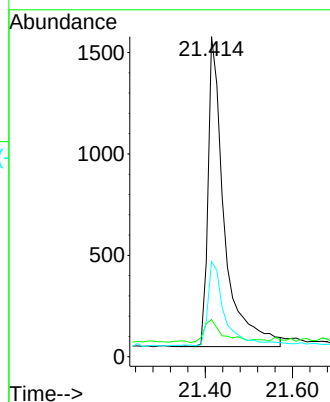
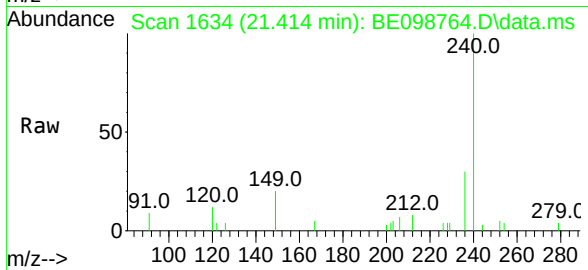
Tgt Ion:240 Resp: 3962

Ion Ratio Lower Upper

240 100

120 11.6 4.7 7.1#

236 29.7 21.9 32.9



#29

Terphenyl-d14

Concen: 0.28 ng

RT: 19.856 min Scan# 1495

Delta R.T. -0.000 min

Lab File: BE098764.D

Acq: 26 Feb 2019 18:09

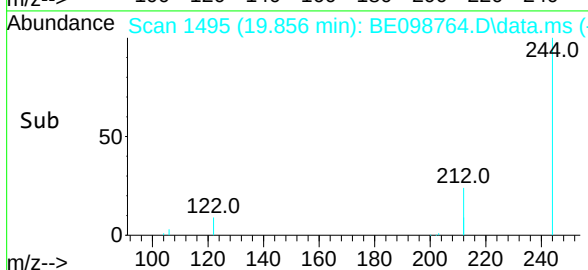
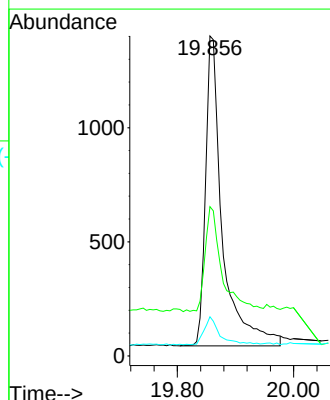
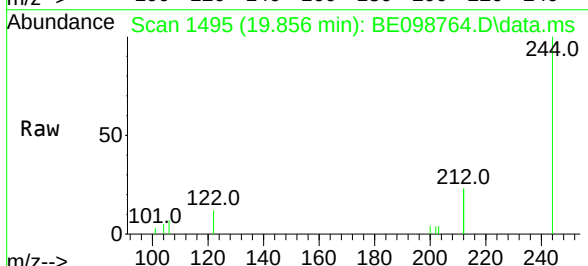
Tgt Ion:244 Resp: 2732

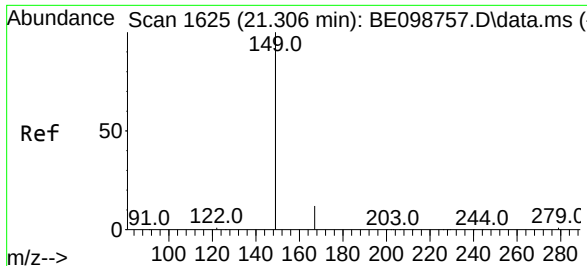
Ion Ratio Lower Upper

244 100

212 46.6 29.4 44.2#

122 12.3 7.1 10.7#

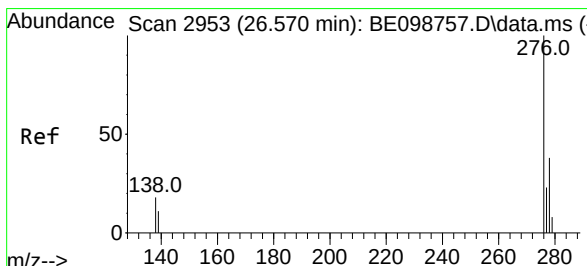
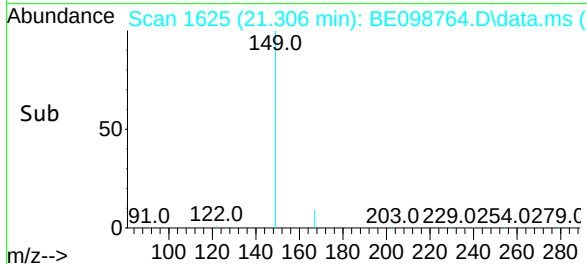
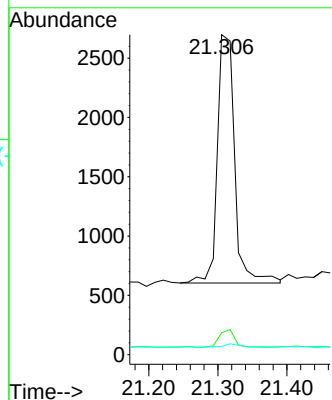
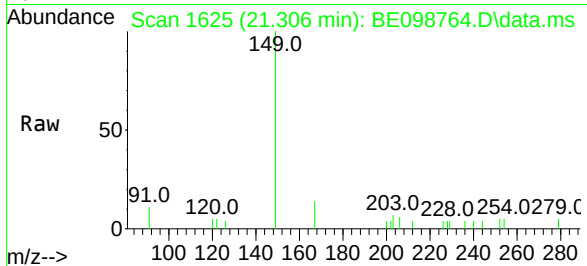




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.15 ng
 RT: 21.306 min Scan# 1625
 Delta R.T. -0.001 min
 Lab File: BE098764.D
 Acq: 26 Feb 2019 18:09

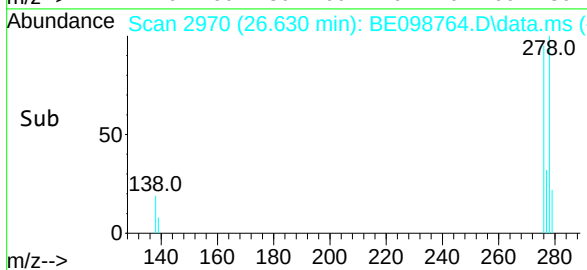
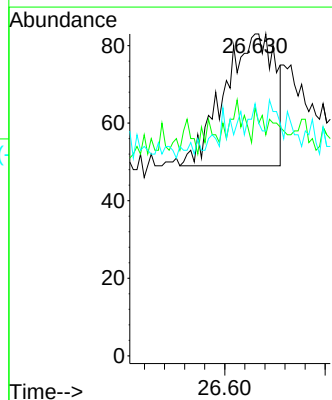
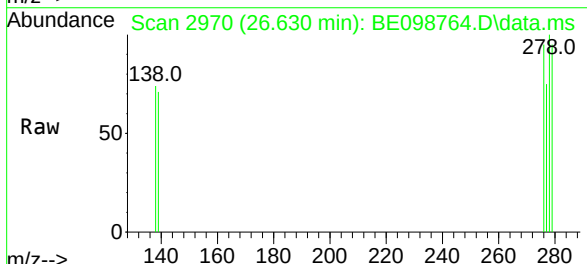
Instrument :
 BNA_E
 ClientSampleId :
 M1-T3-OZ(POST)

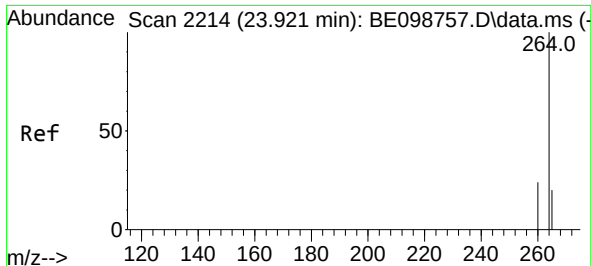
Tgt Ion:149	Resp:	3622
Ion Ratio	Lower	Upper
149	100	
167	6.4	5.4 8.2
279	1.4	1.0 1.4



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.10 ng
 RT: 26.630 min Scan# 2970
 Delta R.T. 0.060 min
 Lab File: BE098764.D
 Acq: 26 Feb 2019 18:09

Tgt Ion:276	Resp:	119
Ion Ratio	Lower	Upper
276	100	
138	4.2	13.3 19.9#
277	7.6	19.4 29.0#

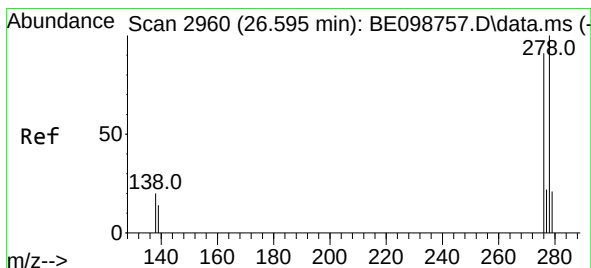
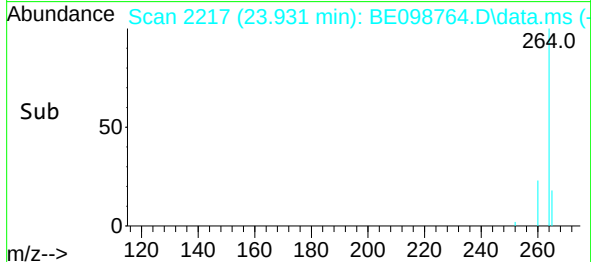
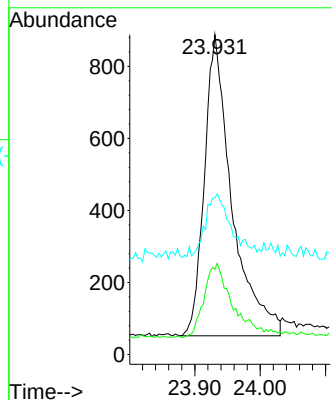
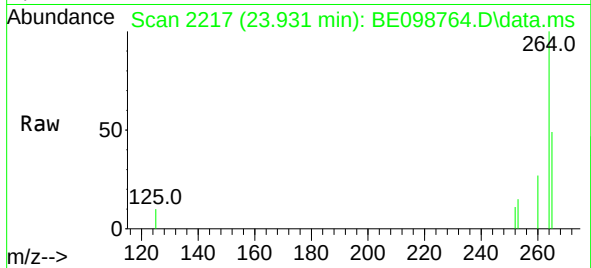




#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.931 min Scan# 2217
 Delta R.T. 0.010 min
 Lab File: BE098764.D
 Acq: 26 Feb 2019 18:09

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

Tgt Ion:264	Resp:	2451
Ion Ratio	Lower	Upper
264	100	
260	26.7	20.5 30.7
265	49.0	22.3 33.5#



#38
 Dibenzo(a,h)anthracene
 Concen: 0.15 ng
 RT: 26.619 min Scan# 2967
 Delta R.T. 0.024 min
 Lab File: BE098764.D
 Acq: 26 Feb 2019 18:09

Tgt Ion:278	Resp:	31
Ion Ratio	Lower	Upper
278	100	
139	76.6	12.7 19.1#
279	109.1	22.0 33.0#

