

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022619\
 Data File : BE098766.D
 Acq On : 26 Feb 2019 19:26
 Operator : JU/SJ
 Sample : K1603-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M1-T0-UV(PRE)

Quant Time: Feb 27 00:23:58 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)

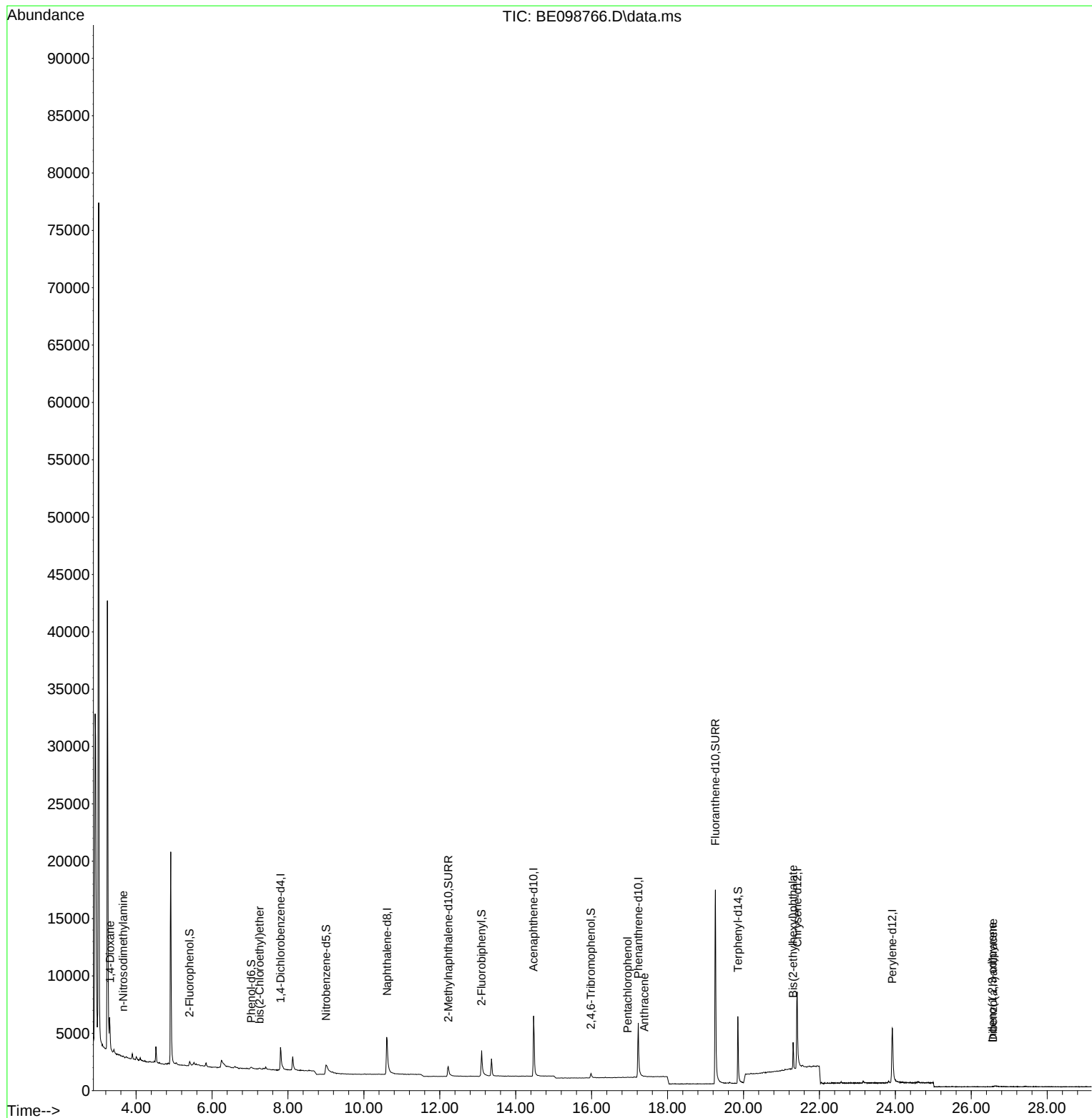
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	1320	0.40	ng	-0.01
7) Naphthalene-d8	10.613	136	5538	0.40	ng	0.01
13) Acenaphthene-d10	14.470	164	3929	0.40	ng	0.00
19) Phenanthrene-d10	17.228	188	9590	0.40	ng	# 0.00
27) Chrysene-d12	21.415	240	10493	0.40	ng	0.00
34) Perylene-d12	23.919	264	8950	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.409	112	341	0.10	ng	0.00
5) Phenol-d6	7.033	99	249	0.05	ng	0.03
8) Nitrobenzene-d5	9.003	82	951	0.21	ng	0.02
11) 2-Methylnaphthalene-d10	12.222	152	2332	0.22	ng	0.01
14) 2,4,6-Tribromophenol	15.983	330	361	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.101	172	3492	0.21	ng	0.01
25) Fluoranthene-d10	19.259	212	29982	0.22	ng	0.00
29) Terphenyl-d14	19.851	244	6621	0.25	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.313	88	1316	0.58	ng	# 92
3) n-Nitrosodimethylamine	3.658	42	57	0.11	ng	# 54
6) bis(2-Chloroethyl)ether	7.251	93	44	0.08	ng	# 11
22) Pentachlorophenol	16.947	266	27	0.22	ng	# 71
24) Anthracene	17.389	178	18	0.08	ng	# 59
32) Bis(2-ethylhexyl)phtha...	21.306	149	3251	0.05	ng	98
33) Indeno(1,2,3-cd)pyrene	26.552	276	7	0.09	ng	# 29
38) Dibenzo(a,h)anthracene	26.573	278	6	0.14	ng	# 1

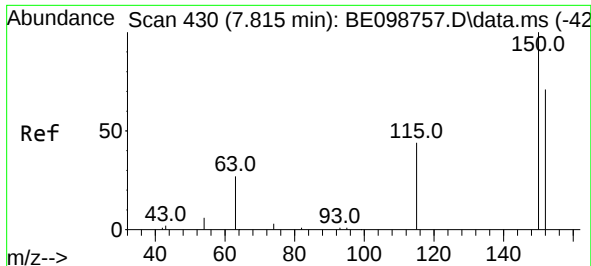
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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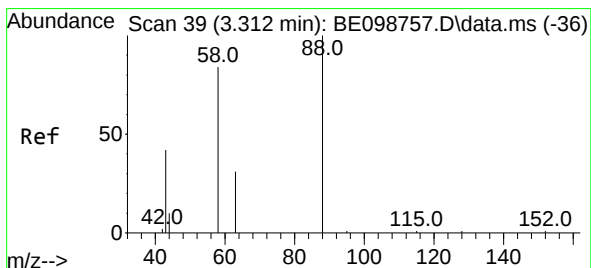
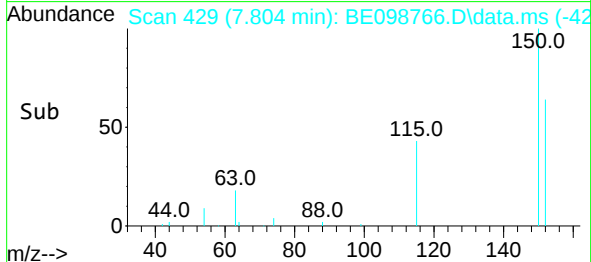
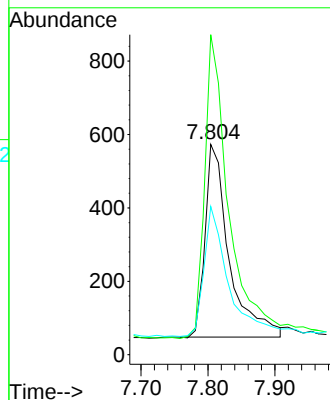
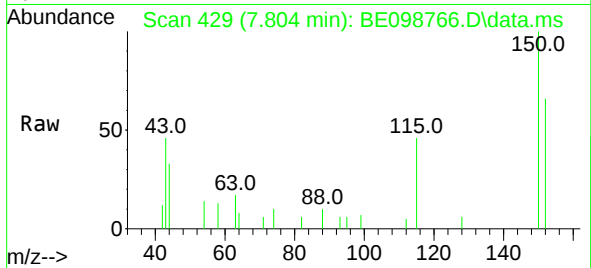




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.804 min Scan# 429
 Delta R.T. -0.011 min
 Lab File: BE098766.D
 Acq: 26 Feb 2019 19:26

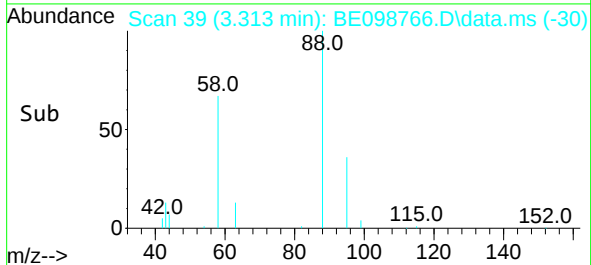
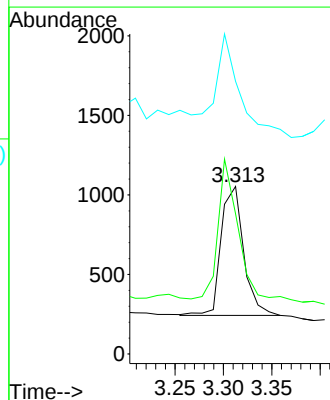
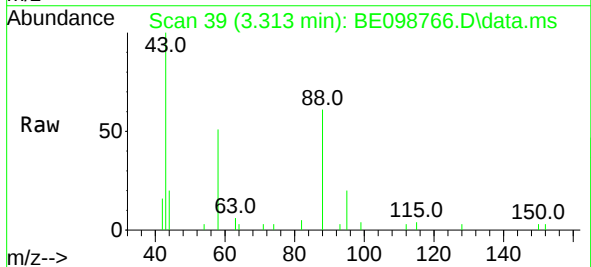
Instrument :
 BNA_E
 ClientSampleId :
 M1-T0-UV(PRE)

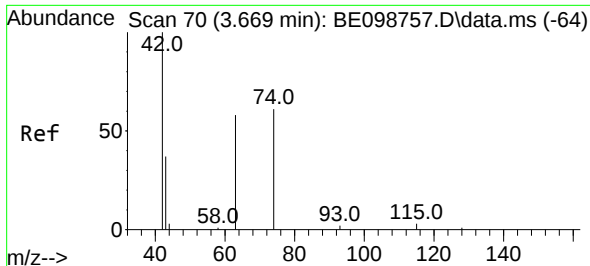
Tgt Ion:152 Resp: 1320
 Ion Ratio Lower Upper
 152 100
 150 152.2 121.4 182.2
 115 70.5 59.1 88.7



#2
 1,4-Dioxane
 Concen: 0.58 ng
 RT: 3.313 min Scan# 39
 Delta R.T. 0.000 min
 Lab File: BE098766.D
 Acq: 26 Feb 2019 19:26

Tgt Ion: 88 Resp: 1316
 Ion Ratio Lower Upper
 88 100
 58 92.6 73.9 110.9
 43 69.1 43.7 65.5#

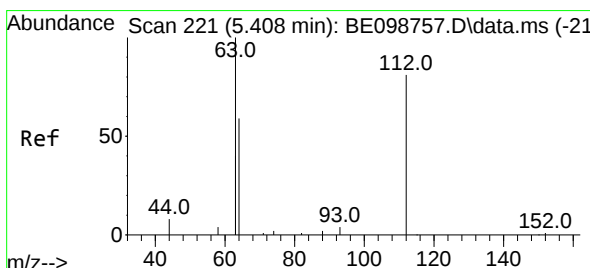
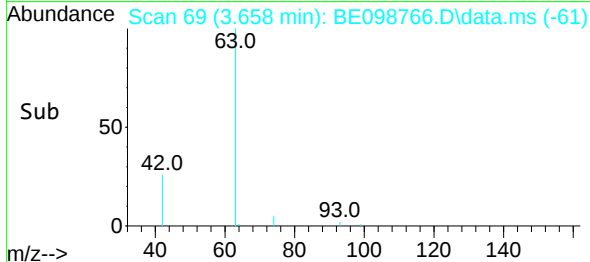
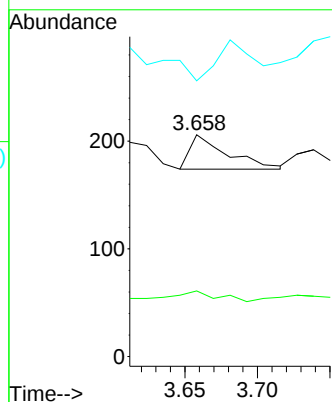
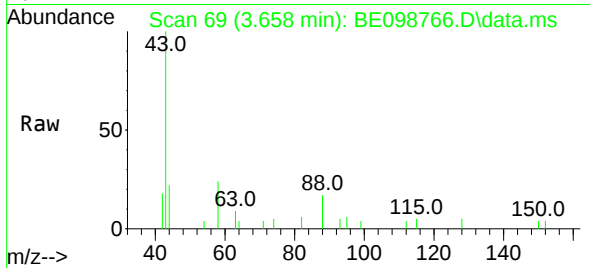




#3
n-Nitrosodimethylamine
Concen: 0.11 ng
RT: 3.658 min Scan# 69
Delta R.T. -0.011 min
Lab File: BE098766.D
Acq: 26 Feb 2019 19:26

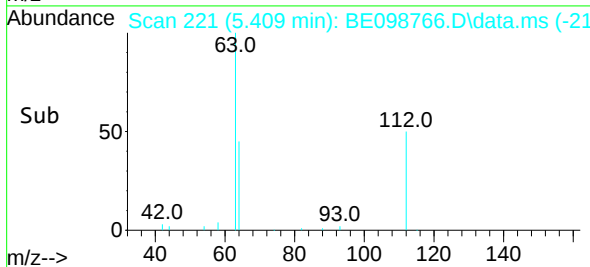
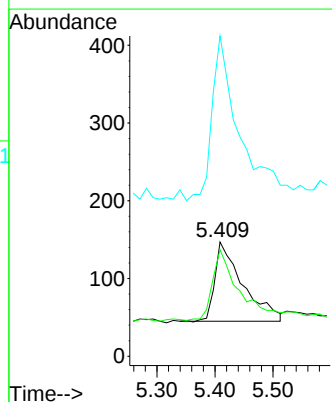
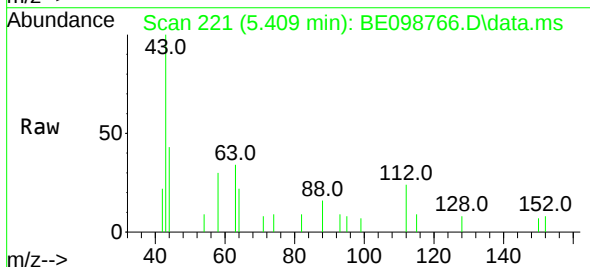
Instrument :
BNA_E
ClientSampleId :
M1-T0-UV(PRE)

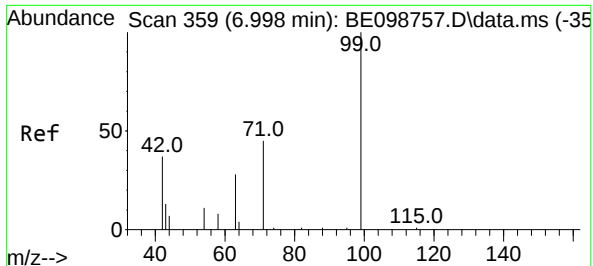
Tgt Ion: 42 Resp: 57
Ion Ratio Lower Upper
42 100
74 35.1 58.9 88.3#
44 0.0 0.0 0.0



#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.409 min Scan# 221
Delta R.T. 0.000 min
Lab File: BE098766.D
Acq: 26 Feb 2019 19:26

Tgt Ion: 112 Resp: 341
Ion Ratio Lower Upper
112 100
64 101.8 62.9 94.3#
63 215.0 152.2 228.4

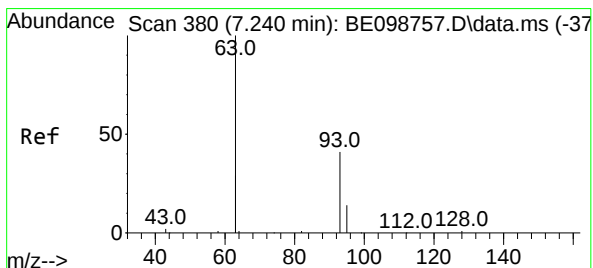
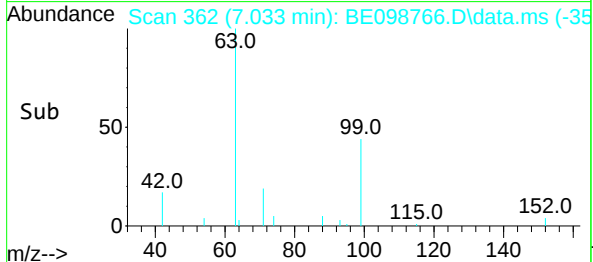
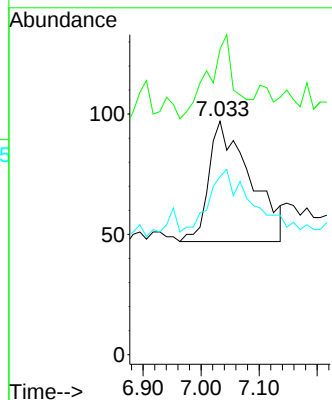
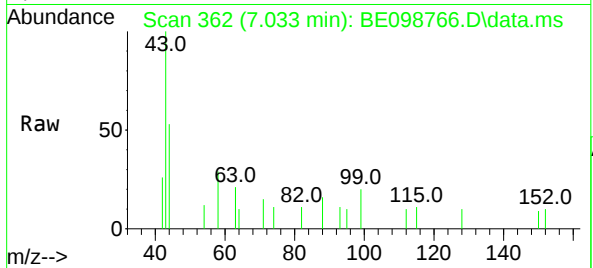




#5
Phenol-d6
Concen: 0.05 ng
RT: 7.033 min Scan# 362
Delta R.T. 0.035 min
Lab File: BE098766.D
Acq: 26 Feb 2019 19:26

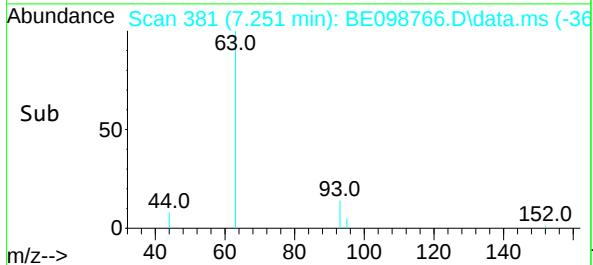
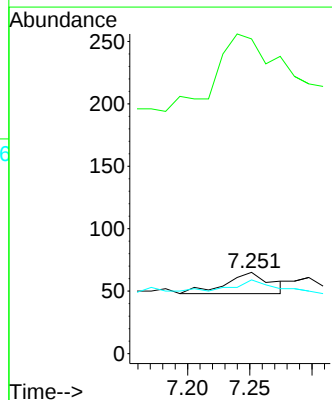
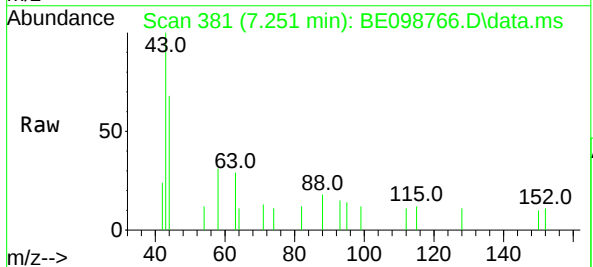
Instrument :
BNA_E
ClientSampleId :
M1-T0-UV(PRE)

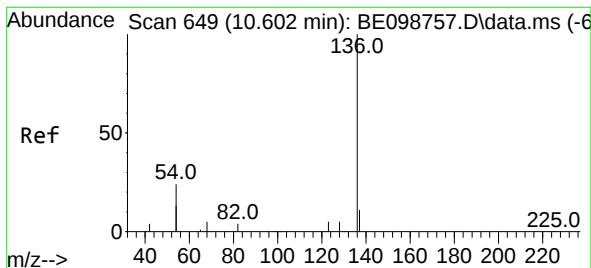
Tgt Ion: 99 Resp: 249
Ion Ratio Lower Upper
99 100
42 42.6 24.6 37.0#
71 57.0 35.1 52.7#



#6
bis(2-Chloroethyl)ether
Concen: 0.08 ng
RT: 7.251 min Scan# 381
Delta R.T. 0.011 min
Lab File: BE098766.D
Acq: 26 Feb 2019 19:26

Tgt Ion: 93 Resp: 44
Ion Ratio Lower Upper
93 100
63 527.3 267.3 400.9#
95 68.2 26.2 39.4#

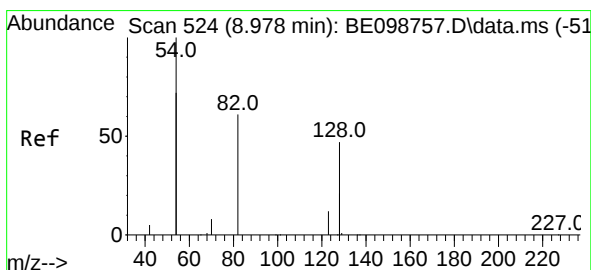
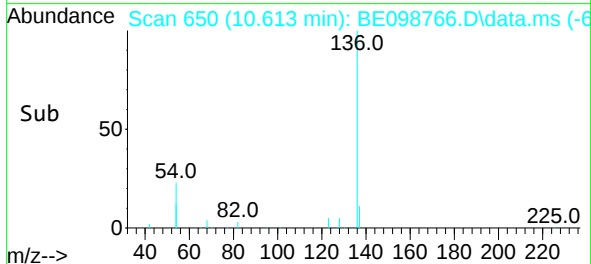
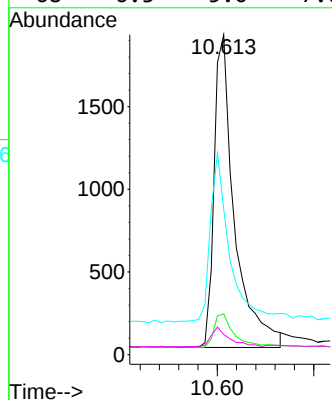
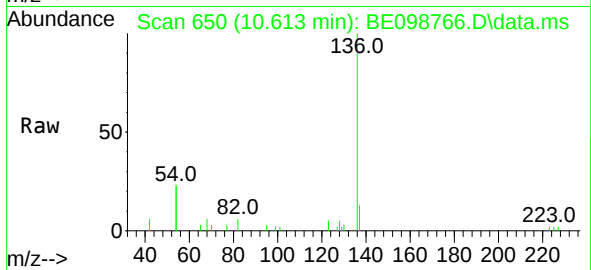




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.613 min Scan# 650
Delta R.T. 0.011 min
Lab File: BE098766.D
Acq: 26 Feb 2019 19:26

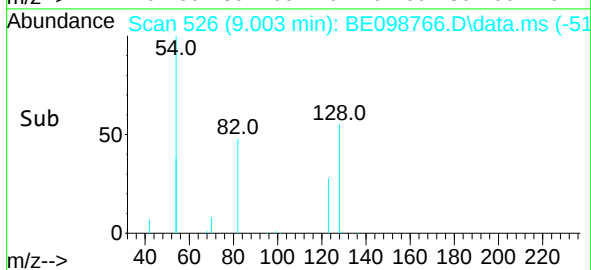
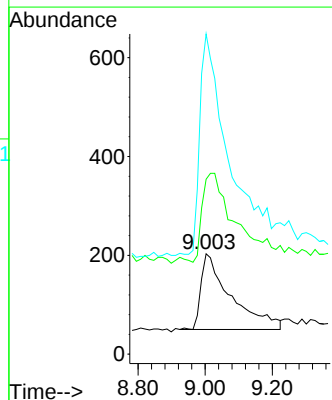
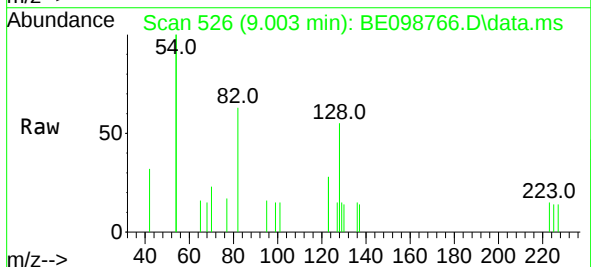
Instrument :
BNA_E
ClientSampleId :
M1-T0-UV(PRE)

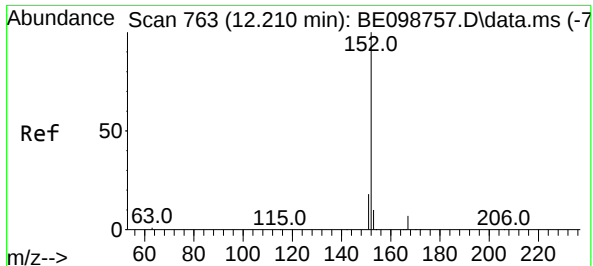
Tgt Ion:	136	Resp:	5538
Ion Ratio	Lower	Upper	
136	100		
137	12.8	9.7	14.5
54	45.4	35.5	53.3
68	6.3	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.21 ng
RT: 9.003 min Scan# 526
Delta R.T. 0.025 min
Lab File: BE098766.D
Acq: 26 Feb 2019 19:26

Tgt Ion:	82	Resp:	951
Ion Ratio	Lower	Upper	
82	100		
128	174.4	96.5	144.7#
54	319.2	224.7	337.1

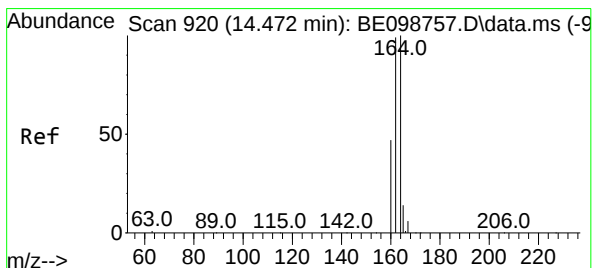
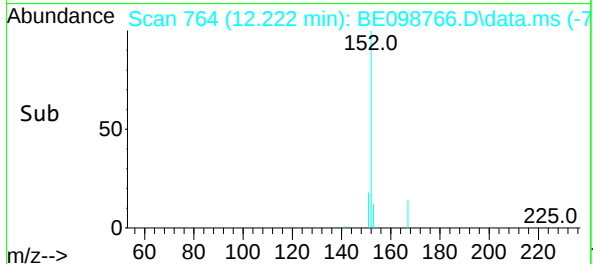
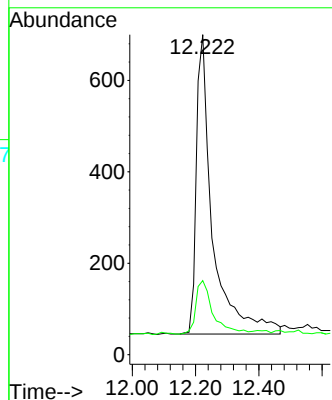
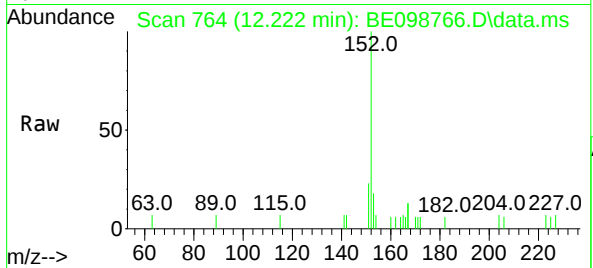




#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 12.222 min Scan# 764
Delta R.T. 0.013 min
Lab File: BE098766.D
Acq: 26 Feb 2019 19:26

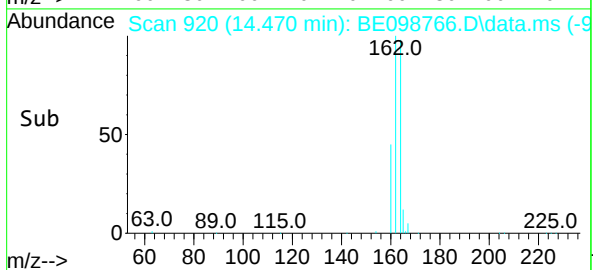
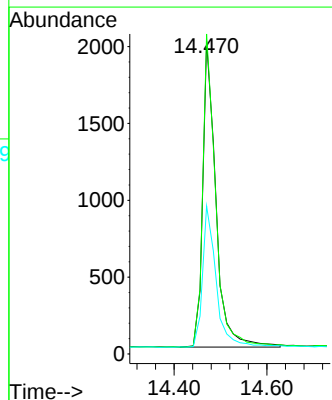
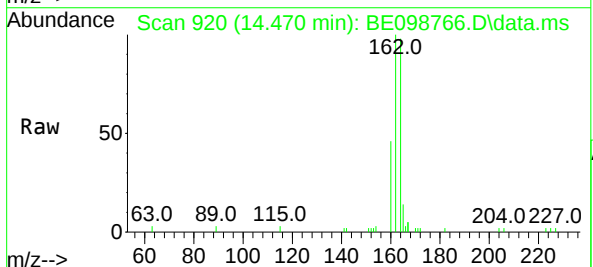
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BNA_E
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M1-T0-UV(PRE)

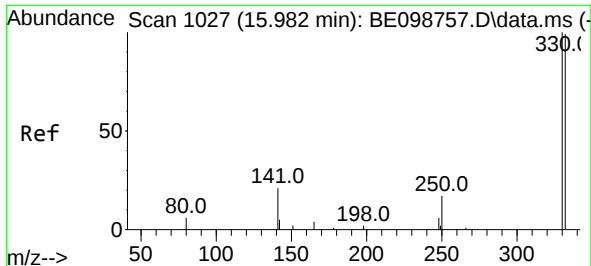
Tgt Ion:152 Resp: 2332
Ion Ratio Lower Upper
152 100
151 19.0 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.470 min Scan# 920
Delta R.T. -0.002 min
Lab File: BE098766.D
Acq: 26 Feb 2019 19:26

Tgt Ion:164 Resp: 3929
Ion Ratio Lower Upper
164 100
162 102.4 80.5 120.7
160 47.4 40.1 60.1

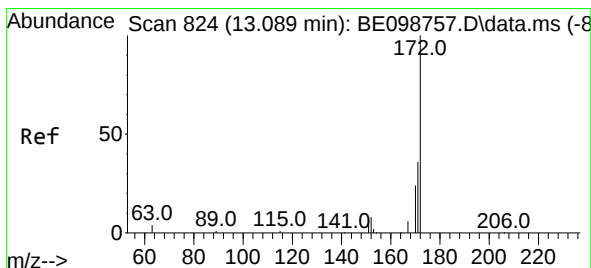
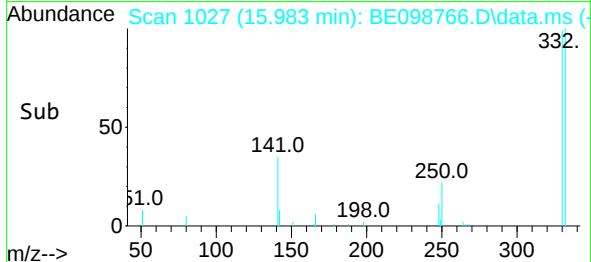
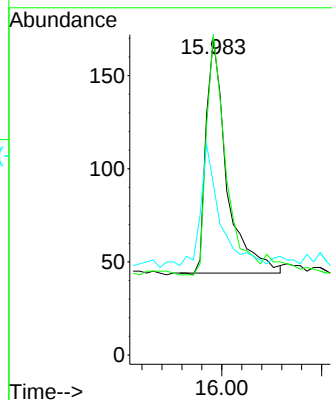
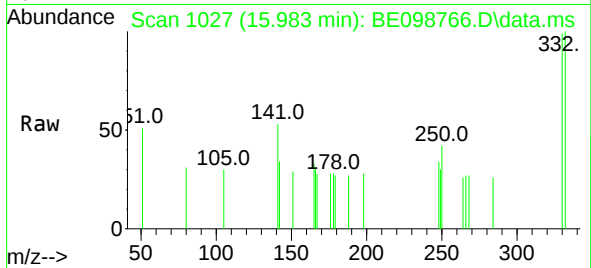




#14
2,4,6-Tribromophenol
Concen: 0.26 ng
RT: 15.983 min Scan# 1027
Delta R.T. 0.001 min
Lab File: BE098766.D
Acq: 26 Feb 2019 19:26

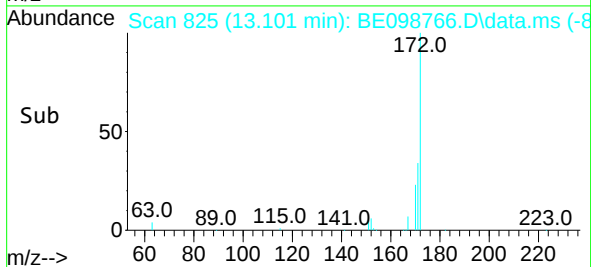
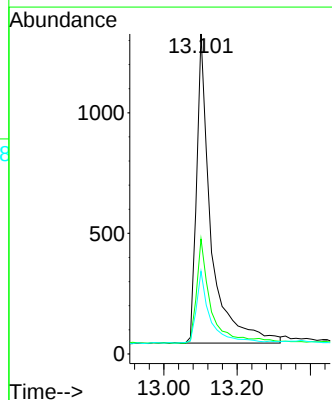
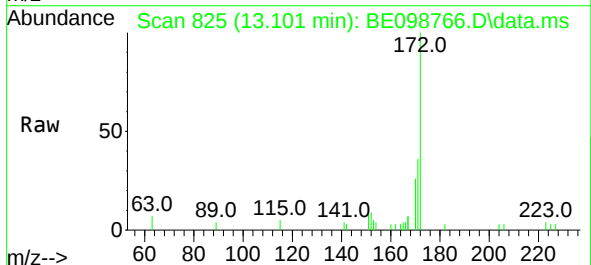
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BNA_E
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M1-T0-UV(PRE)

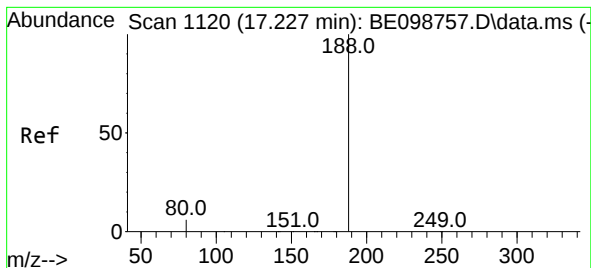
Tgt Ion: 330 Resp: 361
Ion Ratio Lower Upper
330 100
332 96.7 73.3 109.9
141 47.4 33.1 49.7



#15
2-Fluorobiphenyl
Concen: 0.21 ng
RT: 13.101 min Scan# 825
Delta R.T. 0.012 min
Lab File: BE098766.D
Acq: 26 Feb 2019 19:26

Tgt Ion: 172 Resp: 3492
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 25.8 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: BE098766.D

Acq: 26 Feb 2019 19:26

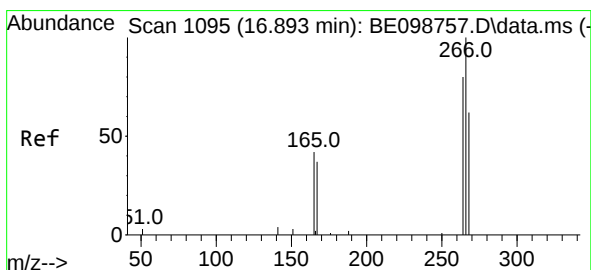
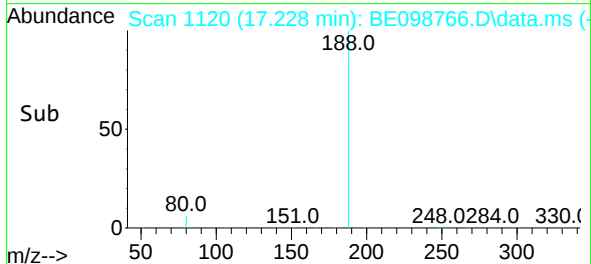
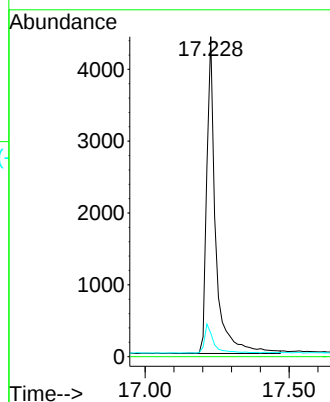
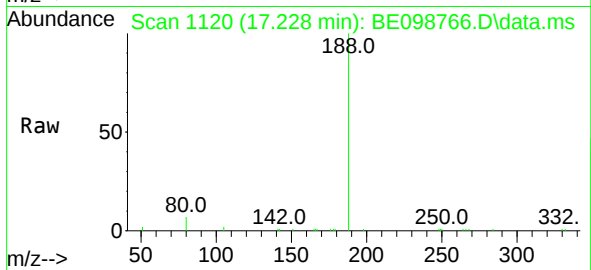
Tgt Ion:188	Resp:	9590
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	7.4	4.7

Instrument :

BNA_E

ClientSampleId :

M1-T0-UV(PRE)



#22

Pentachlorophenol

Concen: 0.22 ng

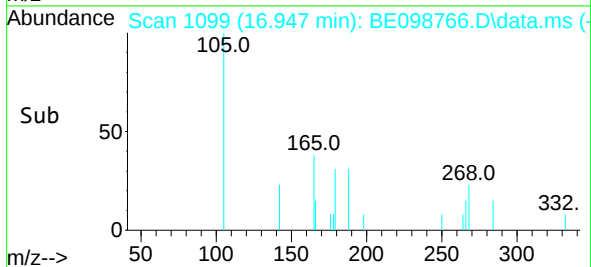
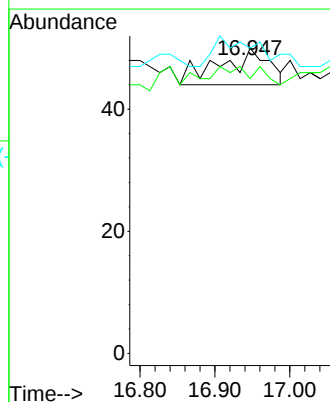
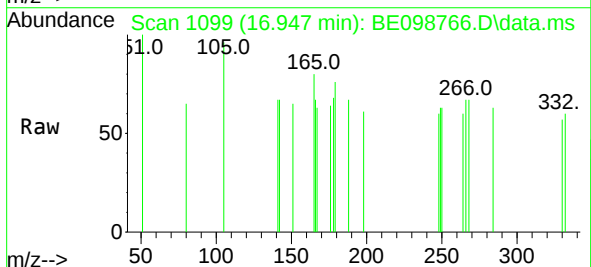
RT: 16.947 min Scan# 1099

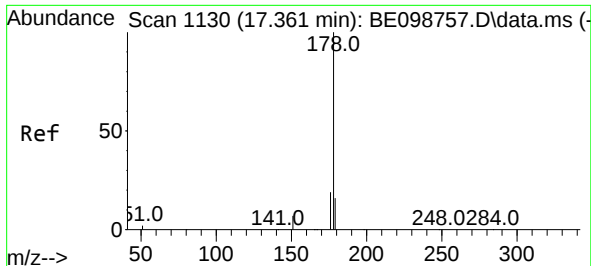
Delta R.T. 0.054 min

Lab File: BE098766.D

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Tgt Ion:266	Resp:	27
Ion Ratio	Lower	Upper
266	100	
264	90.0	53.7
268	100.0	59.8

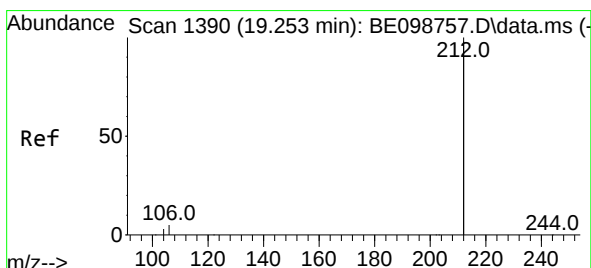
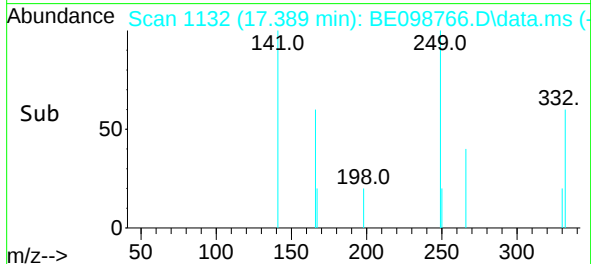
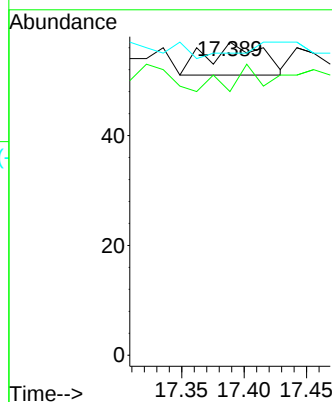
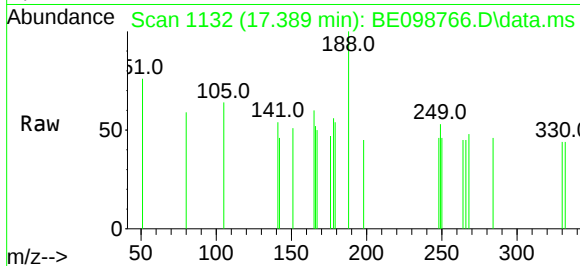




#24
 Anthracene
 Concen: 0.08 ng
 RT: 17.389 min Scan# 1132
 Delta R.T. 0.028 min
 Lab File: BE098766.D
 Acq: 26 Feb 2019 19:26

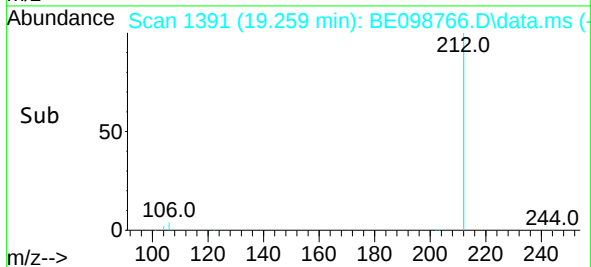
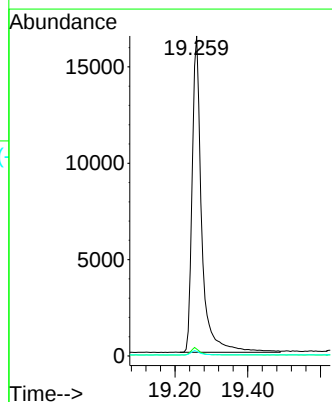
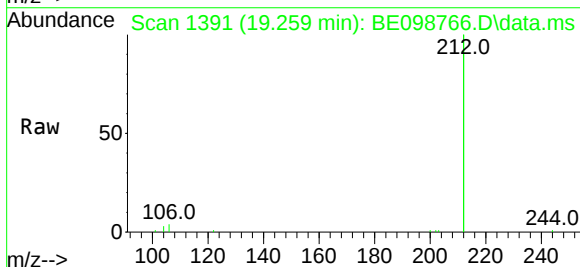
Instrument :
 BNA_E
 ClientSampleId :
 M1-T0-UV(PRE)

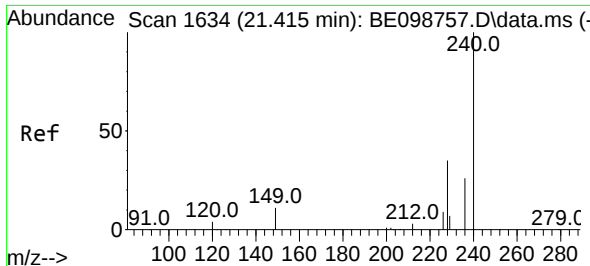
Tgt Ion:178 Resp: 18
 Ion Ratio Lower Upper
 178 100
 176 38.9 14.9 22.3#
 179 0.0 11.8 17.8#



#25
 Fluoranthene-d10
 Concen: 0.22 ng
 RT: 19.259 min Scan# 1391
 Delta R.T. 0.006 min
 Lab File: BE098766.D
 Acq: 26 Feb 2019 19:26

Tgt Ion:212 Resp: 29982
 Ion Ratio Lower Upper
 212 100
 106 2.1 1.7 2.5
 104 1.2 1.0 1.6

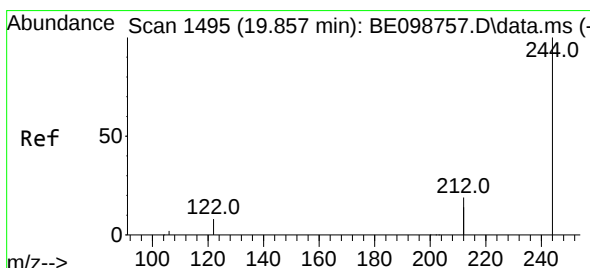
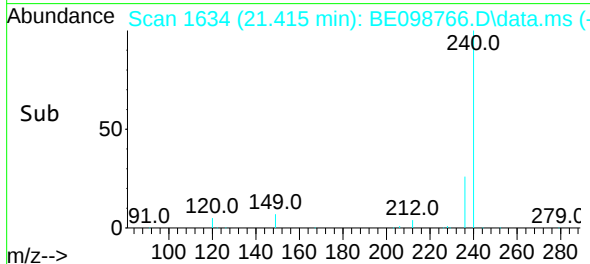
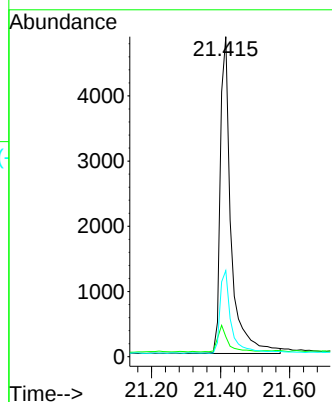
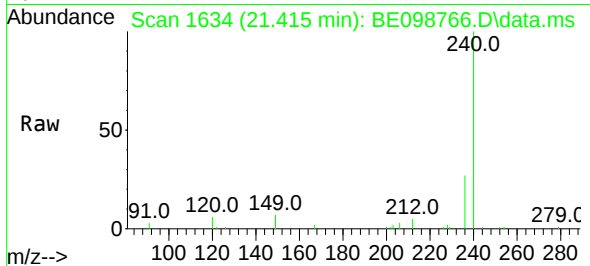




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.415 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BE098766.D
Acq: 26 Feb 2019 19:26

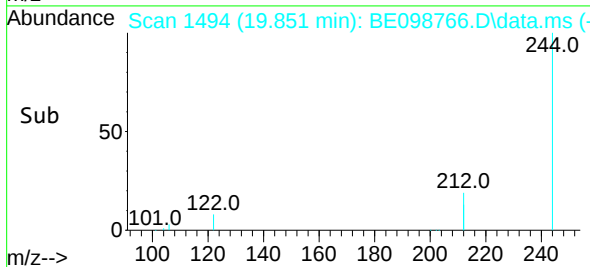
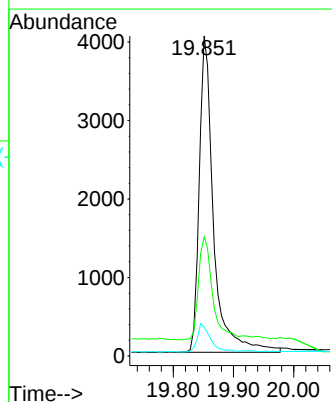
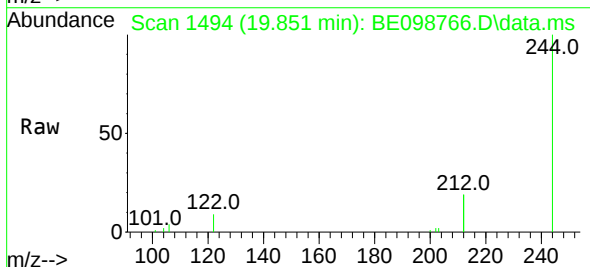
Instrument :
BNA_E
ClientSampleId :
M1-T0-UV(PRE)

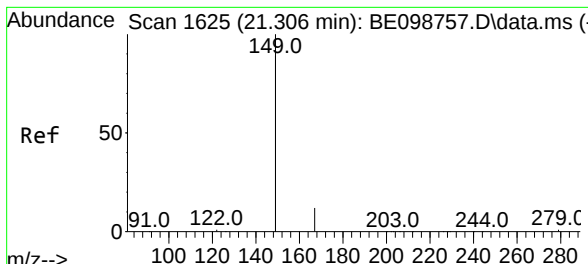
Tgt Ion:240 Resp: 10493
Ion Ratio Lower Upper
240 100
120 6.3 4.7 7.1
236 26.9 21.9 32.9



#29
Terphenyl-d14
Concen: 0.25 ng
RT: 19.851 min Scan# 1494
Delta R.T. -0.005 min
Lab File: BE098766.D
Acq: 26 Feb 2019 19:26

Tgt Ion:244 Resp: 6621
Ion Ratio Lower Upper
244 100
212 37.2 29.4 44.2
122 9.1 7.1 10.7

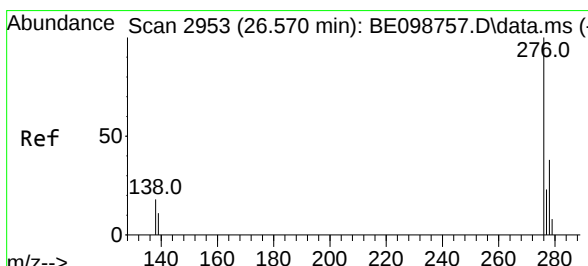
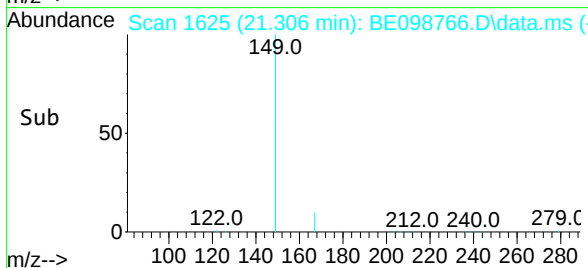
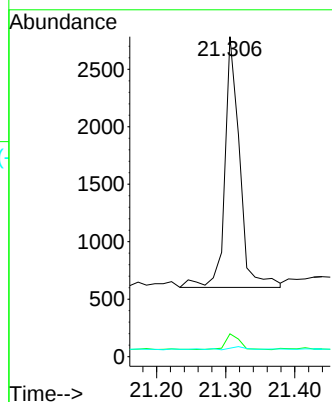
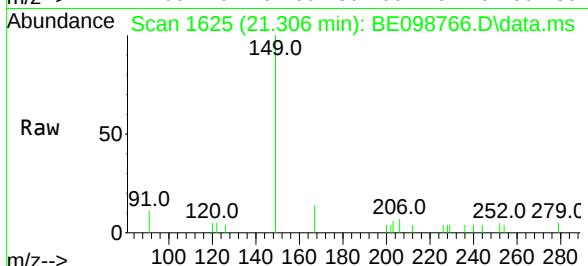




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.05 ng
 RT: 21.306 min Scan# 1625
 Delta R.T. -0.000 min
 Lab File: BE098766.D
 Acq: 26 Feb 2019 19:26

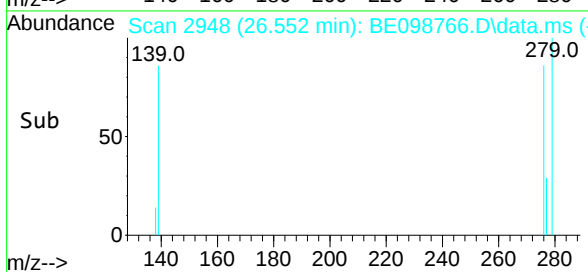
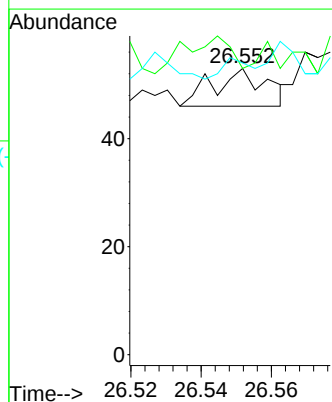
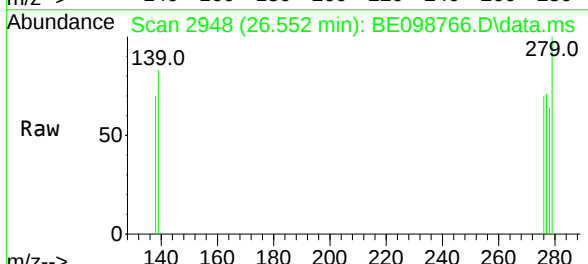
Instrument :
 BNA_E
 ClientSampleId :
 M1-T0-UV(PRE)

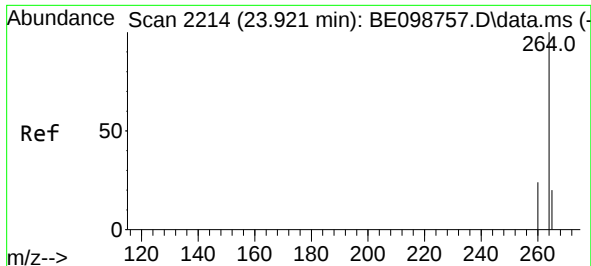
Tgt Ion:149	Resp:	3251
Ion Ratio	Lower	Upper
149	100	
167	6.0	5.4 8.2
279	1.3	1.0 1.4



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.09 ng
 RT: 26.552 min Scan# 2948
 Delta R.T. -0.018 min
 Lab File: BE098766.D
 Acq: 26 Feb 2019 19:26

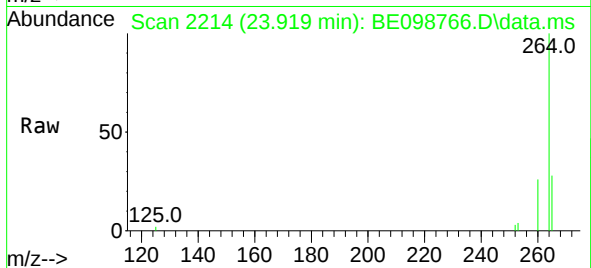
Tgt Ion:276	Resp:	7
Ion Ratio	Lower	Upper
276	100	
138	85.7	13.3 19.9#
277	28.6	19.4 29.0



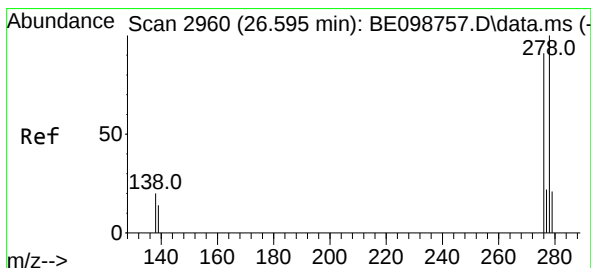
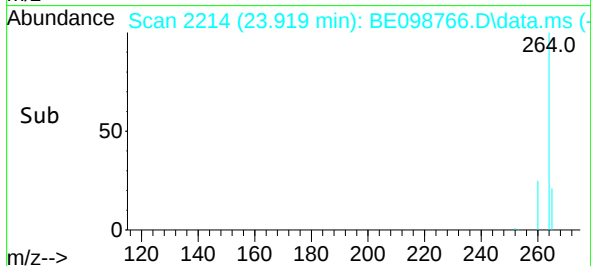
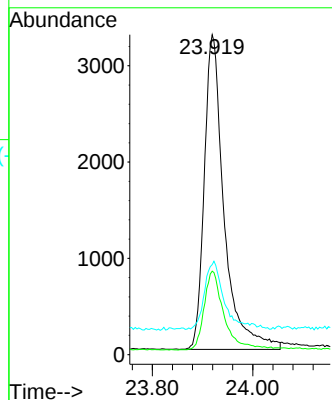


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.919 min Scan# 2214
Delta R.T. -0.002 min
Lab File: BE098766.D
Acq: 26 Feb 2019 19:26

Instrument :
BNA_E
ClientSampleId :
M1-T0-UV(PRE)



Tgt Ion:264 Resp: 8950
Ion Ratio Lower Upper
264 100
260 26.1 20.5 30.7
265 28.2 22.3 33.5



#38
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 26.573 min Scan# 2954
Delta R.T. -0.022 min
Lab File: BE098766.D
Acq: 26 Feb 2019 19:26

Tgt Ion:278 Resp: 6
Ion Ratio Lower Upper
278 100
139 120.4 12.7 19.1#
279 142.6 22.0 33.0#

