

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022719\
 Data File : Be098775.d
 Acq On : 27 Feb 2019 14:02
 Operator : JU/SJ
 Sample : K1603-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

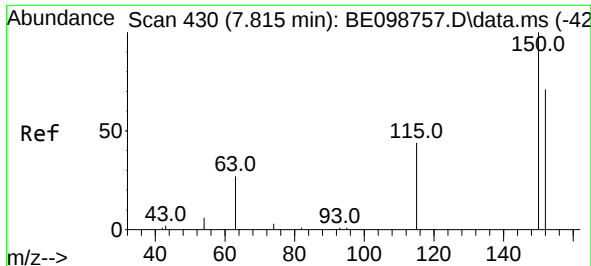
Instrument :
 BNA_E
 ClientSampleId :
 M2-T0-UV(PRE)

Quant Time: Feb 28 02:42:28 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	7.805	152	1346	0.40	ng	-0.01
7) Naphthalene-d8	10.614	136	5498	0.40	ng	0.01
13) Acenaphthene-d10	14.470	164	3840	0.40	ng	0.00
19) Phenanthrene-d10	17.228	188	9742	0.40	ng	# 0.00
27) Chrysene-d12	21.414	240	10399	0.40	ng	0.00
34) Perylene-d12	23.923	264	8619	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.421	112	378	0.11	ng	0.01
5) Phenol-d6	7.033	99	144	0.03	ng	0.04
8) Nitrobenzene-d5	9.016	82	935	0.21	ng	0.04
11) 2-Methylnaphthalene-d10	12.223	152	2159	0.21	ng	0.01
14) 2,4,6-Tribromophenol	15.983	330	365	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.101	172	3593	0.22	ng	0.01
25) Fluoranthene-d10	19.259	212	29054	0.21	ng	0.00
29) Terphenyl-d14	19.851	244	5593	0.22	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.313	88	1381	0.59	ng	# 82
3) n-Nitrosodimethylamine	3.682	42	52	0.11	ng	# 13
6) bis(2-Chloroethyl)ether	7.263	93	57	0.08	ng	# 1
22) Pentachlorophenol	16.907	266	38	0.23	ng	# 73
24) Anthracene	17.376	178	11	0.08	ng	# 39
32) Bis(2-ethylhexyl)phtha...	21.305	149	4287	0.07	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.605	276	84	0.09	ng	# 85
38) Dibenzo(a,h)anthracene	26.637	278	76	0.15	ng	# 1

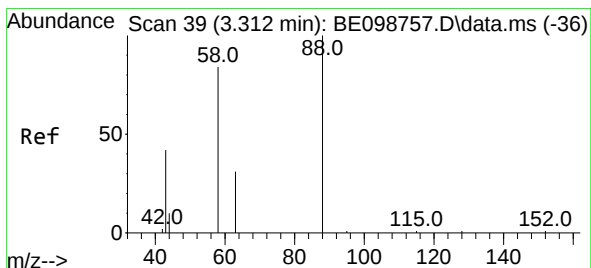
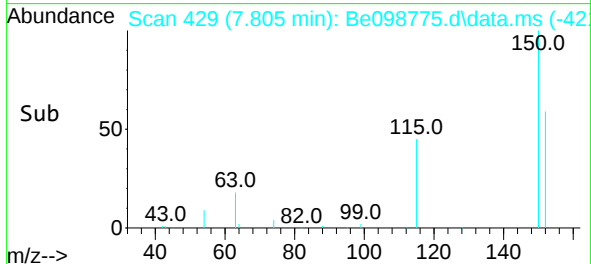
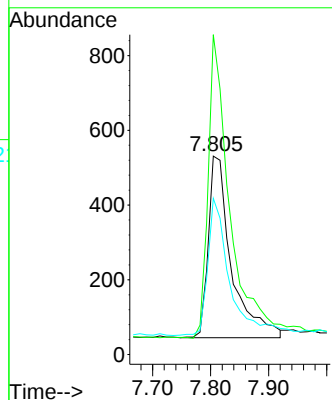
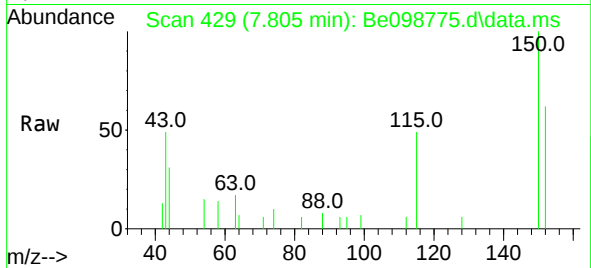
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.805 min Scan# 429
 Delta R.T. -0.010 min
 Lab File: Be098775.d
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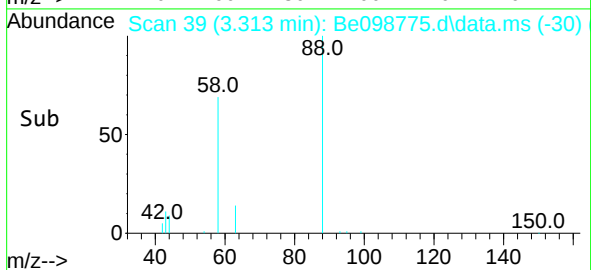
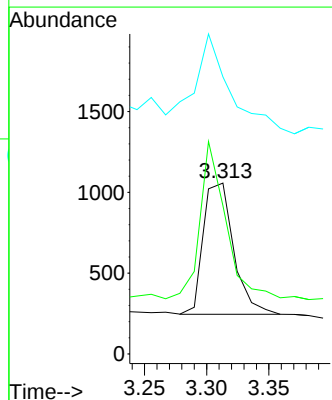
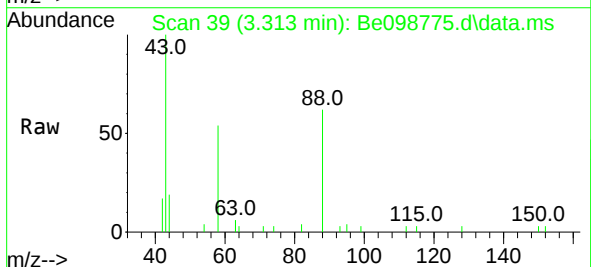
Instrument :
 BNA_E
 ClientSampleId :
 M2-T0-UV(PRE)

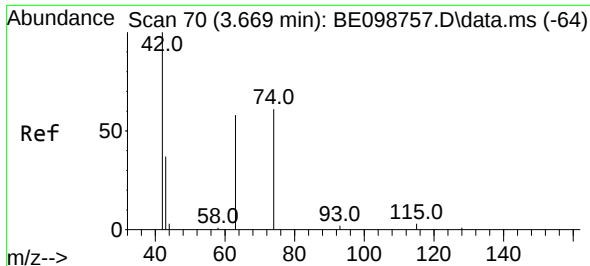
Tgt Ion:152 Resp: 1346
 Ion Ratio Lower Upper
 152 100
 150 161.2 121.4 182.2
 115 78.7 59.1 88.7



#2
 1,4-Dioxane
 Concen: 0.59 ng
 RT: 3.313 min Scan# 39
 Delta R.T. 0.001 min
 Lab File: Be098775.d
 Acq: 27 Feb 2019 14:02

Tgt Ion: 88 Resp: 1381
 Ion Ratio Lower Upper
 88 100
 58 100.6 73.9 110.9
 43 79.3 43.7 65.5#

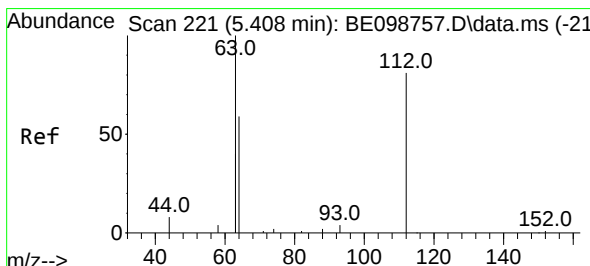
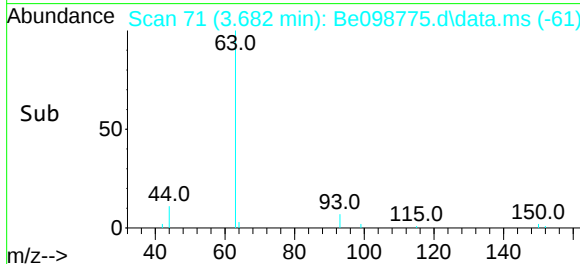
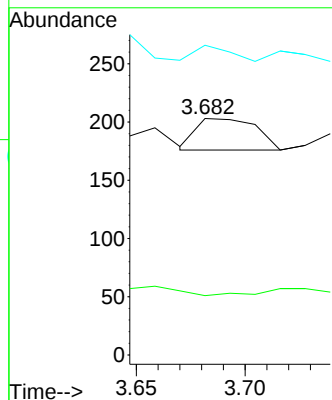
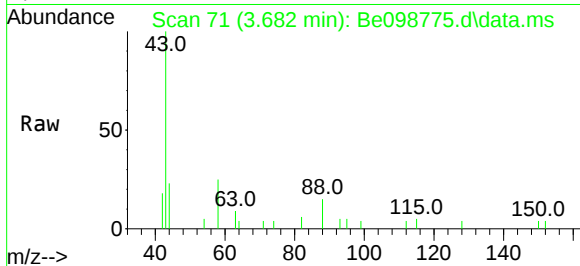




#3
n-Nitrosodimethylamine
Concen: 0.11 ng
RT: 3.682 min Scan# 71
Delta R.T. 0.013 min
Lab File: Be098775.d
Acq: 27 Feb 2019 14:02

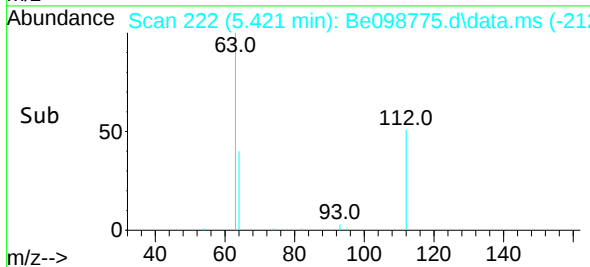
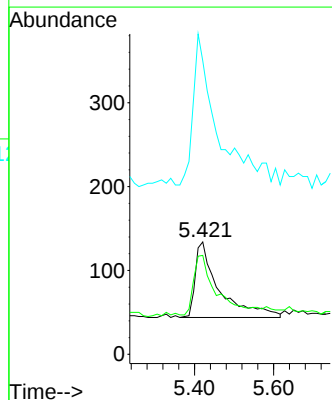
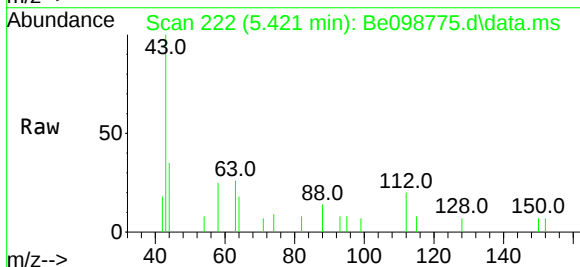
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BNA_E
ClientSampleId :
M2-T0-UV(PRE)

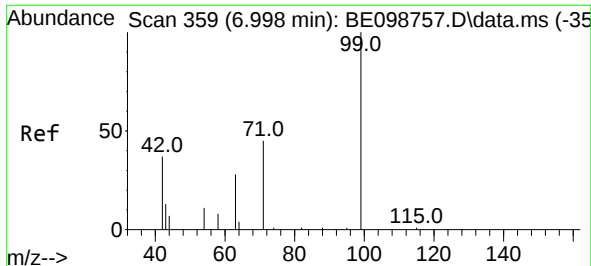
Tgt Ion: 42 Resp: 52
Ion Ratio Lower Upper
42 100
74 0.0 58.9 88.3#
44 32.7 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.421 min Scan# 222
Delta R.T. 0.012 min
Lab File: Be098775.d
Acq: 27 Feb 2019 14:02

Tgt Ion: 112 Resp: 378
Ion Ratio Lower Upper
112 100
64 72.2 62.9 94.3
63 189.2 152.2 228.4

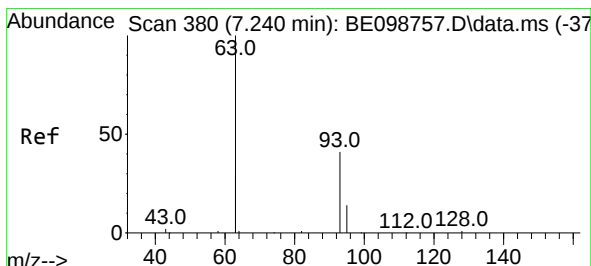
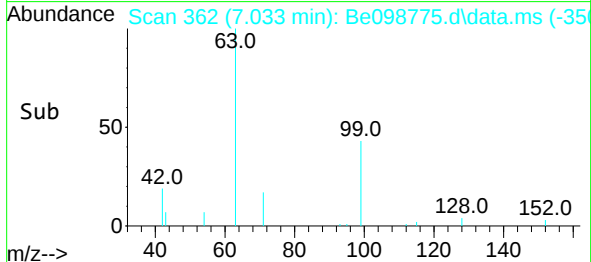
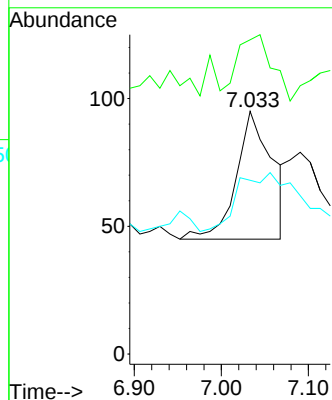
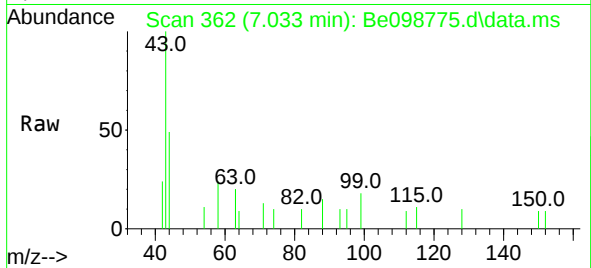




#5
Phenol-d6
Concen: 0.03 ng
RT: 7.033 min Scan# 362
Delta R.T. 0.035 min
Lab File: Be098775.d
Acq: 27 Feb 2019 14:02

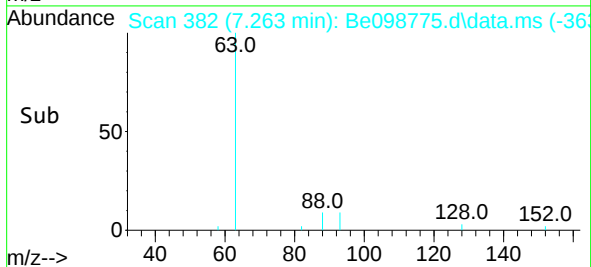
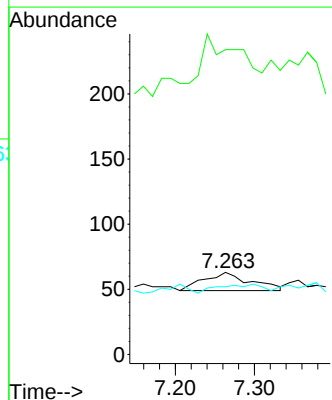
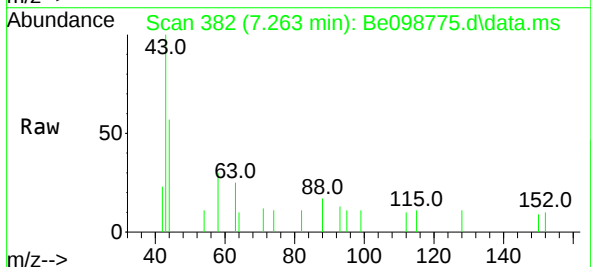
Instrument :
BNA_E
ClientSampleId :
M2-T0-UV(PRE)

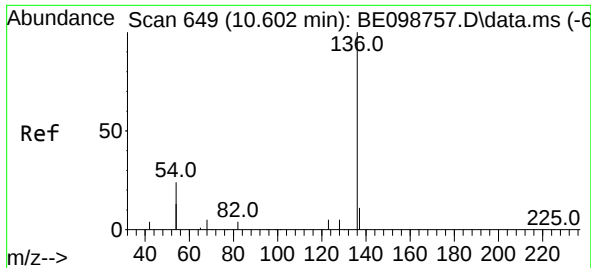
Tgt Ion: 99 Resp: 144
Ion Ratio Lower Upper
99 100
42 51.4 24.6 37.0#
71 0.0 35.1 52.7#



#6
bis(2-Chloroethyl)ether
Concen: 0.08 ng
RT: 7.263 min Scan# 382
Delta R.T. 0.023 min
Lab File: Be098775.d
Acq: 27 Feb 2019 14:02

Tgt Ion: 93 Resp: 57
Ion Ratio Lower Upper
93 100
63 0.0 267.3 400.9#
95 0.0 26.2 39.4#

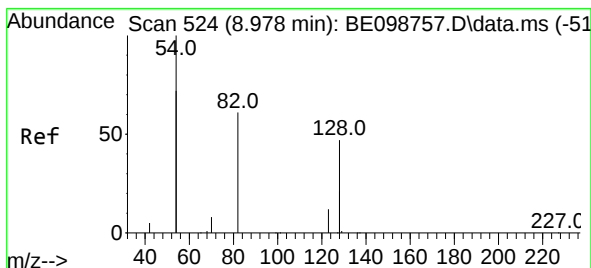
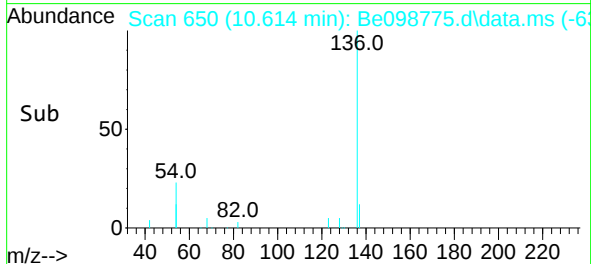
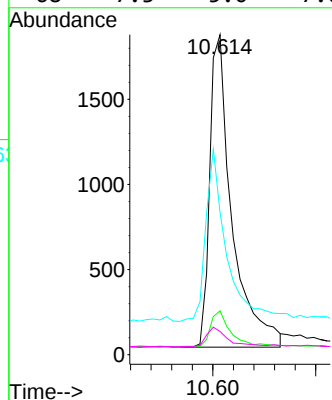
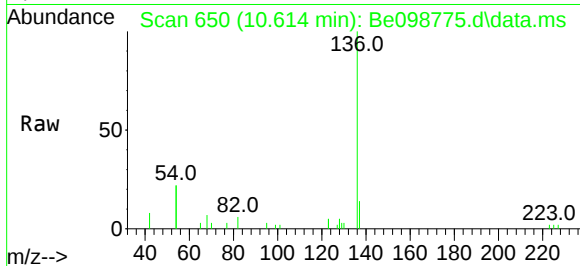




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. 0.012 min
Lab File: Be098775.d
Acq: 27 Feb 2019 14:02

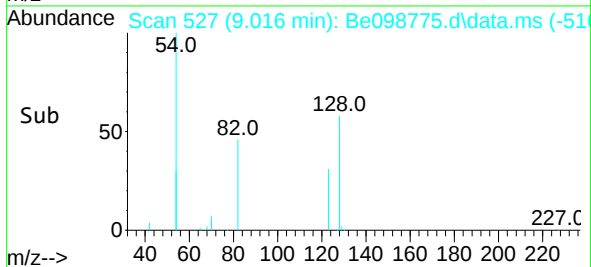
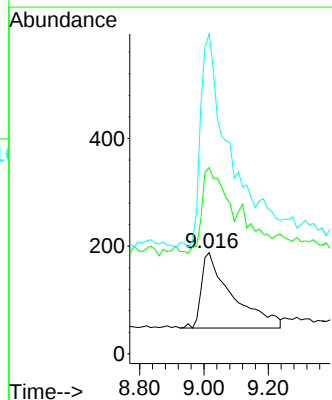
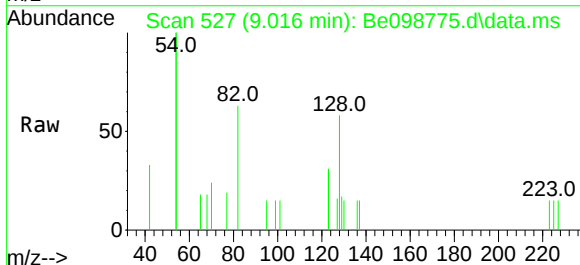
Instrument :
BNA_E
ClientSampleId :
M2-T0-UV(PRE)

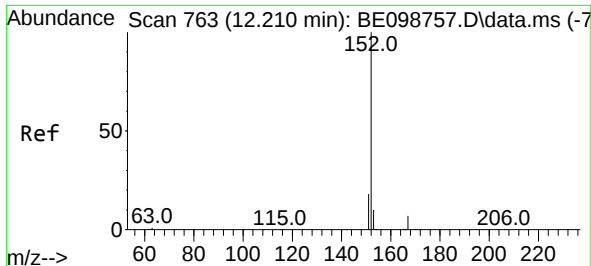
Tgt Ion:	136	Resp:	5498
Ion Ratio	Lower	Upper	
136	100		
137	13.7	9.7	14.5
54	44.5	35.5	53.3
68	7.3	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.21 ng
RT: 9.016 min Scan# 527
Delta R.T. 0.038 min
Lab File: Be098775.d
Acq: 27 Feb 2019 14:02

Tgt Ion:	82	Resp:	935
Ion Ratio	Lower	Upper	
82	100		
128	184.0	96.5	144.7#
54	316.0	224.7	337.1

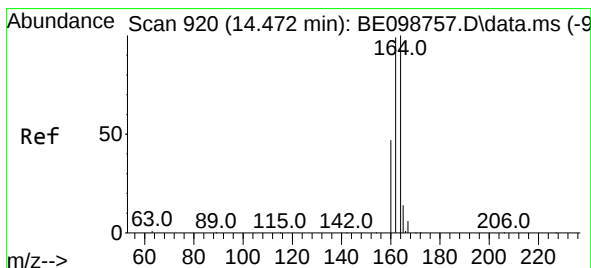
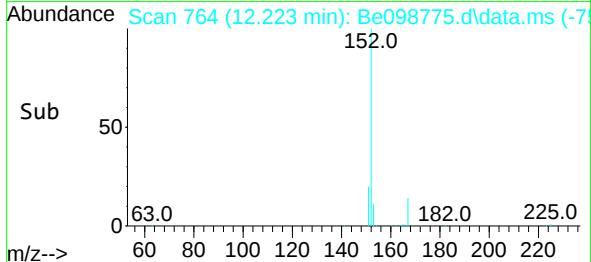
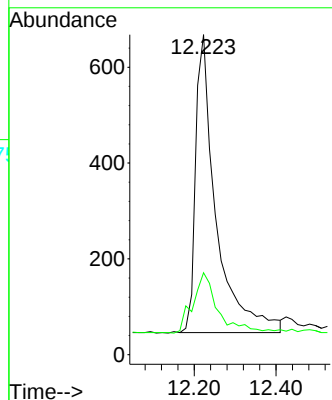
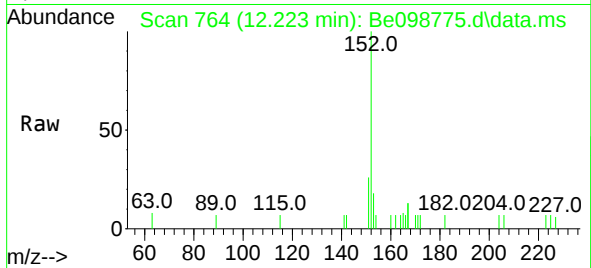




#11
2-Methylnaphthalene-d10
Concen: 0.21 ng
RT: 12.223 min Scan# 764
Delta R.T. 0.013 min
Lab File: Be098775.d
Acq: 27 Feb 2019 14:02

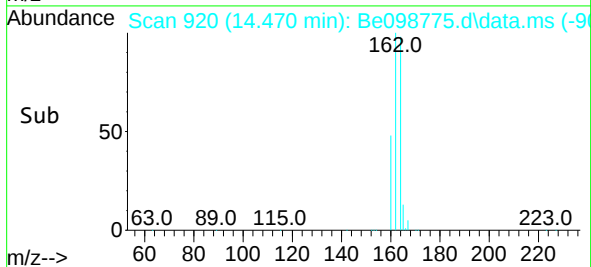
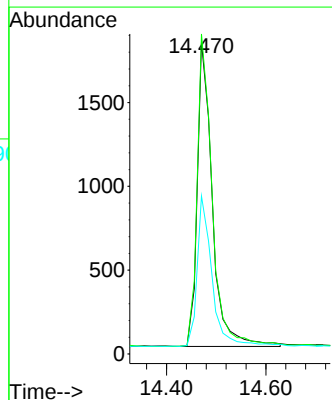
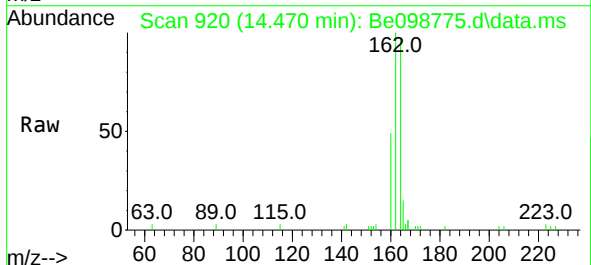
Instrument :
BNA_E
ClientSampleId :
M2-T0-UV(PRE)

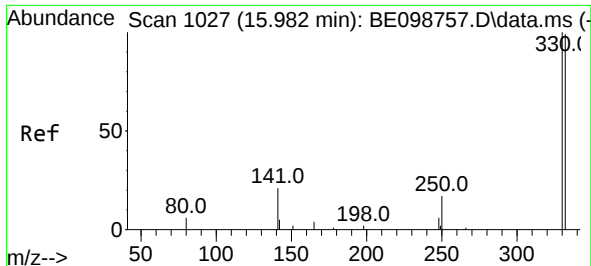
Tgt Ion:152 Resp: 2159
Ion Ratio Lower Upper
152 100
151 25.1 16.2 24.4#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.470 min Scan# 920
Delta R.T. -0.002 min
Lab File: Be098775.d
Acq: 27 Feb 2019 14:02

Tgt Ion:164 Resp: 3840
Ion Ratio Lower Upper
164 100
162 102.6 80.5 120.7
160 50.6 40.1 60.1

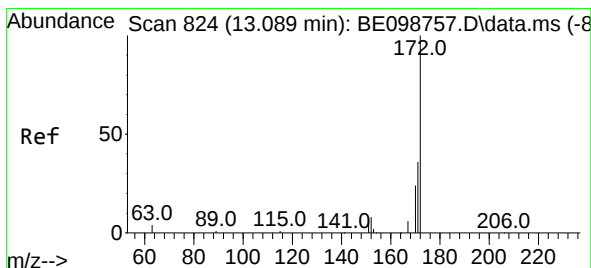
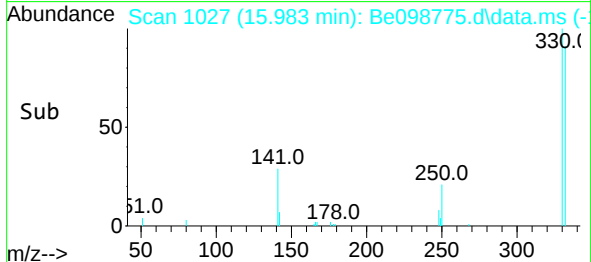
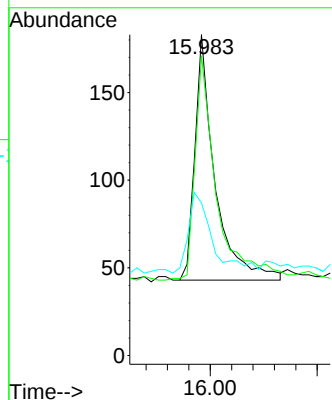
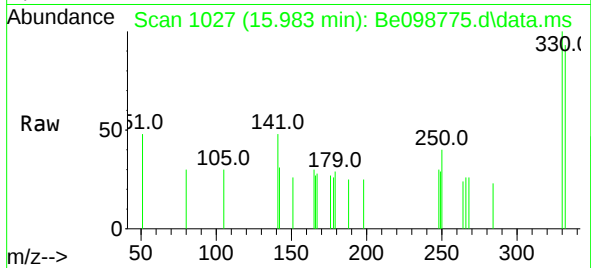




#14
2,4,6-Tribromophenol
Concen: 0.27 ng
RT: 15.983 min Scan# 1027
Delta R.T. 0.001 min
Lab File: Be098775.d
Acq: 27 Feb 2019 14:02

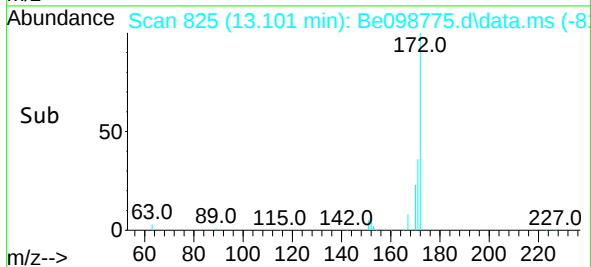
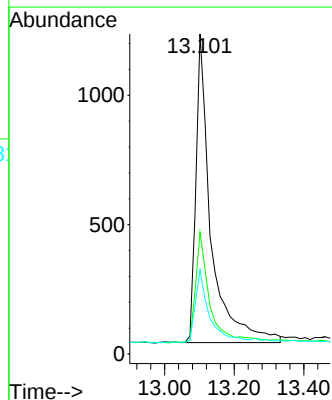
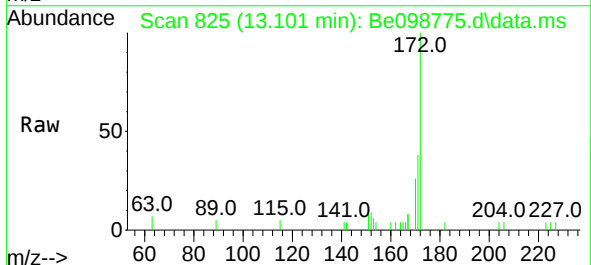
Instrument :
BNA_E
ClientSampleId :
M2-T0-UV(PRE)

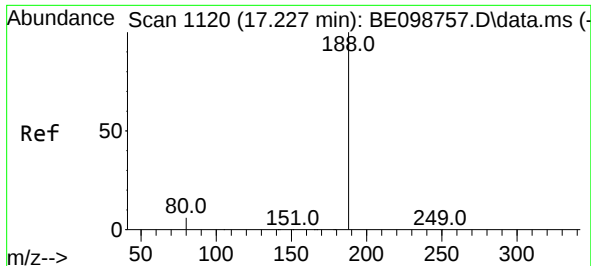
Tgt Ion: 330 Resp: 365
Ion Ratio Lower Upper
330 100
332 98.4 73.3 109.9
141 39.2 33.1 49.7



#15
2-Fluorobiphenyl
Concen: 0.22 ng
RT: 13.101 min Scan# 825
Delta R.T. 0.012 min
Lab File: Be098775.d
Acq: 27 Feb 2019 14:02

Tgt Ion: 172 Resp: 3593
Ion Ratio Lower Upper
172 100
171 38.0 29.0 43.4
170 26.2 20.8 31.2

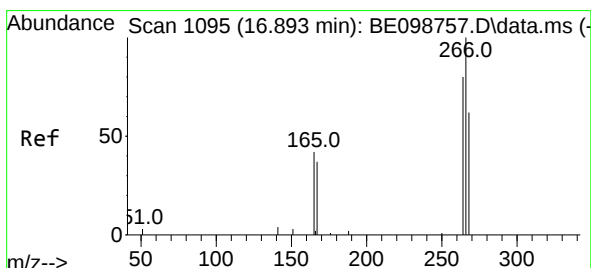
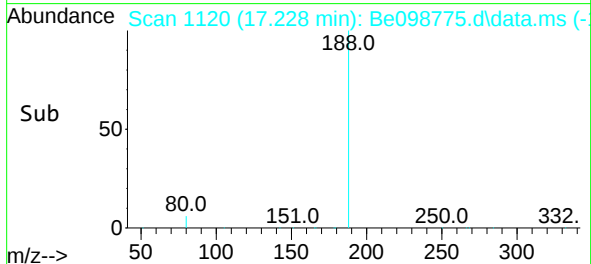
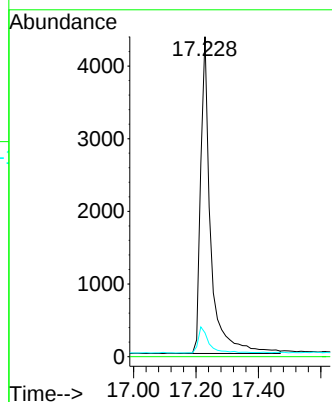
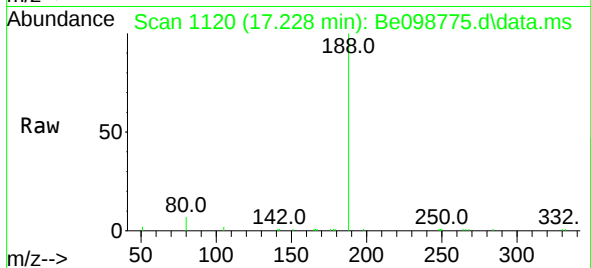




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.228 min Scan# 1120
Delta R.T. 0.001 min
Lab File: Be098775.d
Acq: 27 Feb 2019 14:02

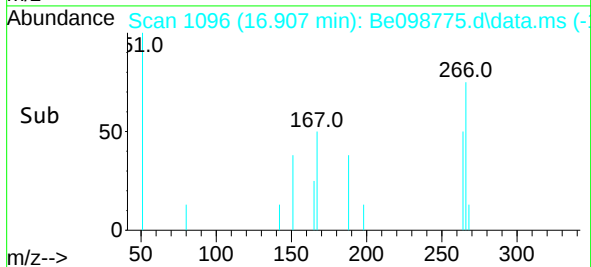
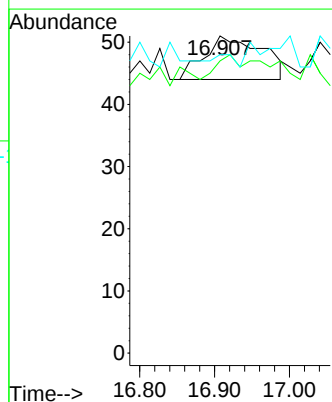
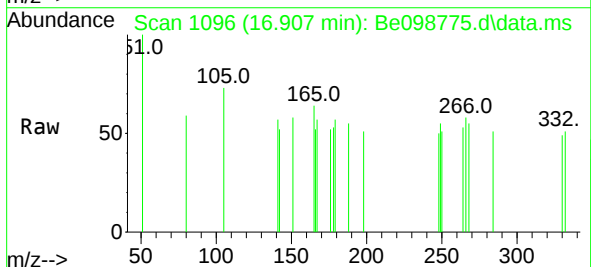
Instrument :
BNA_E
ClientSampleId :
M2-T0-UV(PRE)

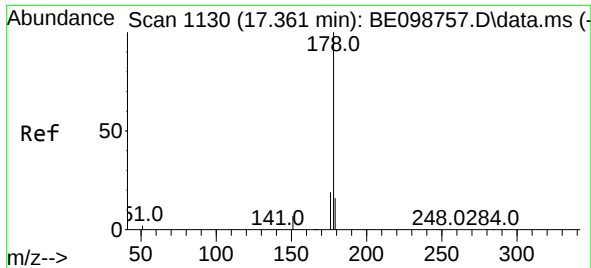
Tgt Ion:188 Resp: 9742
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 4.7 7.1#



#22
Pentachlorophenol
Concen: 0.23 ng
RT: 16.907 min Scan# 1096
Delta R.T. 0.014 min
Lab File: Be098775.d
Acq: 27 Feb 2019 14:02

Tgt Ion:266 Resp: 38
Ion Ratio Lower Upper
266 100
264 92.2 53.7 80.5#
268 94.1 59.8 89.8#

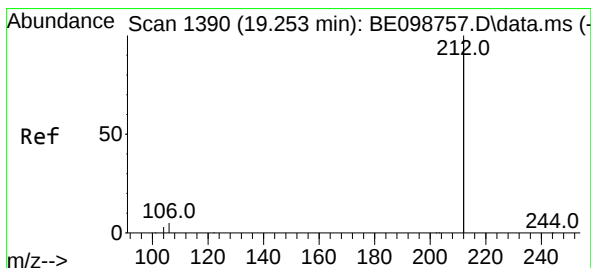
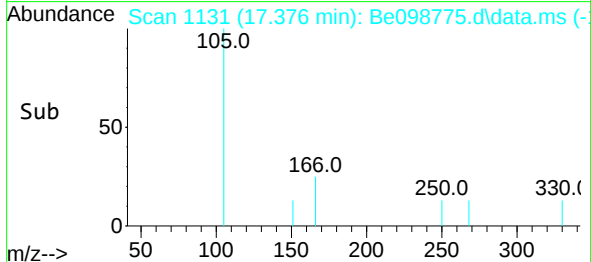
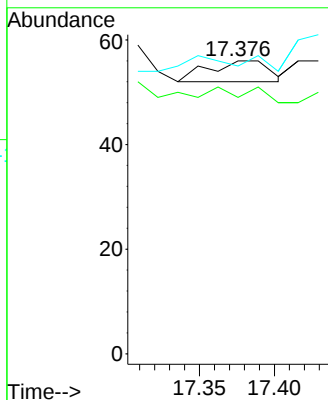
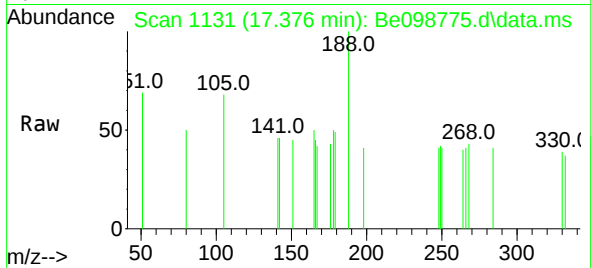




#24
 Anthracene
 Concen: 0.08 ng
 RT: 17.376 min Scan# 1131
 Delta R.T. 0.015 min
 Lab File: Be098775.d
 Acq: 27 Feb 2019 14:02

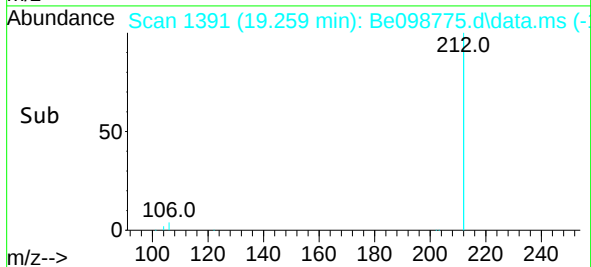
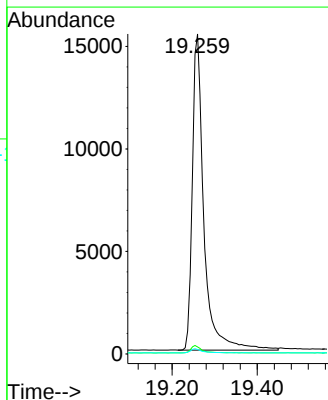
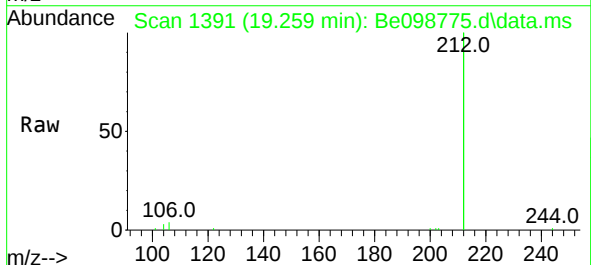
Instrument :
 BNA_E
 ClientSampleId :
 M2-T0-UV(PRE)

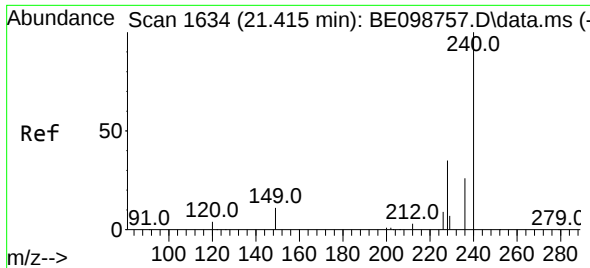
Tgt Ion:178 Resp: 11
 Ion Ratio Lower Upper
 178 100
 176 54.5 14.9 22.3#
 179 0.0 11.8 17.8#



#25
 Fluoranthene-d10
 Concen: 0.21 ng
 RT: 19.259 min Scan# 1391
 Delta R.T. 0.006 min
 Lab File: Be098775.d
 Acq: 27 Feb 2019 14:02

Tgt Ion:212 Resp: 29054
 Ion Ratio Lower Upper
 212 100
 106 2.2 1.7 2.5
 104 1.3 1.0 1.6

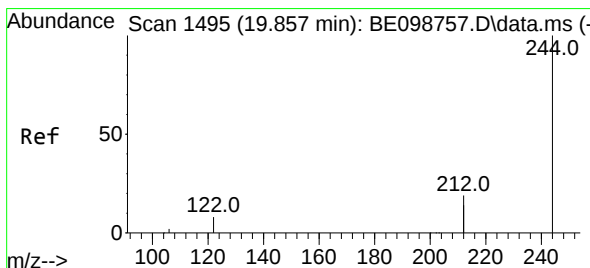
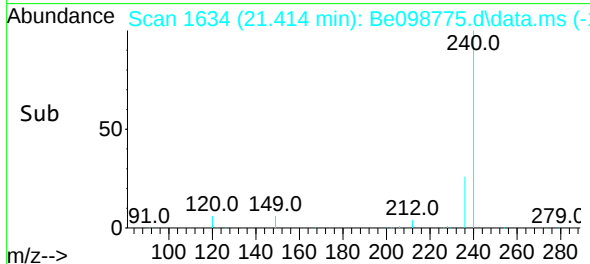
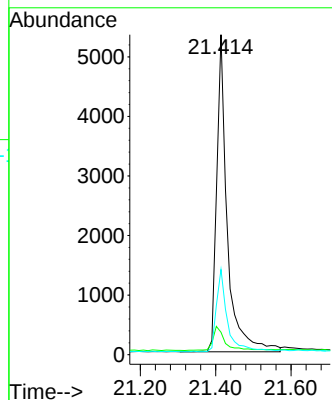
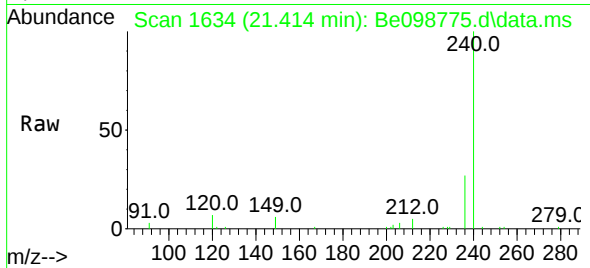




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.414 min Scan# 1634
Delta R.T. -0.001 min
Lab File: Be098775.d
Acq: 27 Feb 2019 14:02

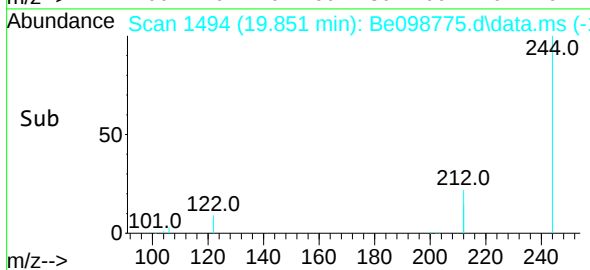
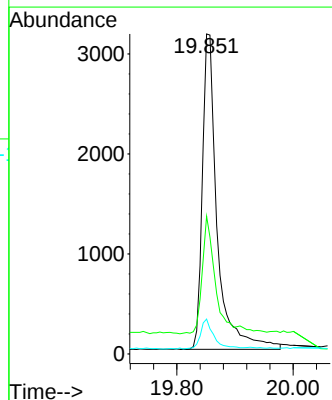
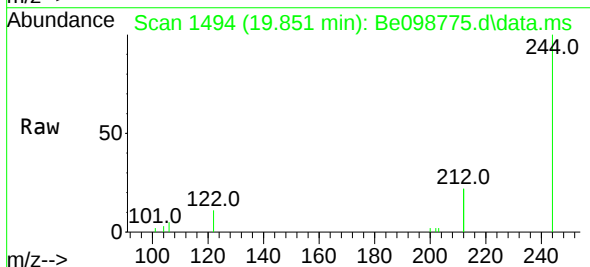
Instrument :
BNA_E
ClientSampleId :
M2-T0-UV(PRE)

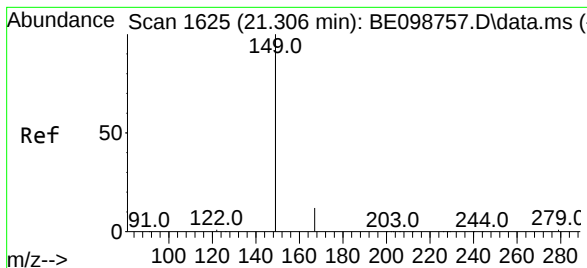
Tgt Ion:240 Resp: 10399
Ion Ratio Lower Upper
240 100
120 7.0 4.7 7.1
236 26.7 21.9 32.9



#29
Terphenyl-d14
Concen: 0.22 ng
RT: 19.851 min Scan# 1494
Delta R.T. -0.005 min
Lab File: Be098775.d
Acq: 27 Feb 2019 14:02

Tgt Ion:244 Resp: 5593
Ion Ratio Lower Upper
244 100
212 43.1 29.4 44.2
122 10.9 7.1 10.7#

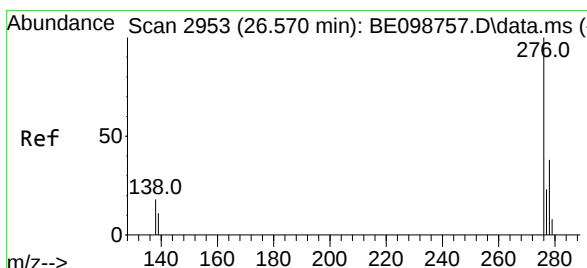
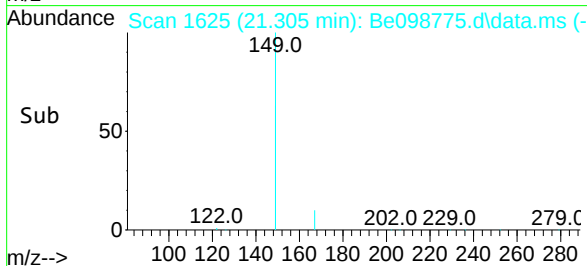
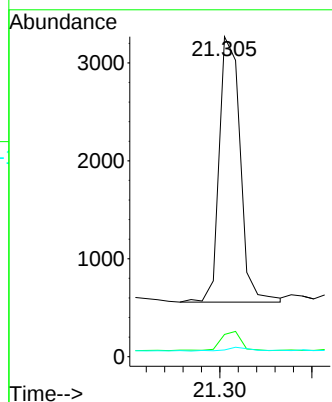
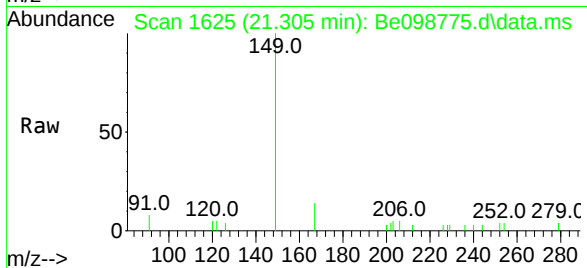




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.07 ng
 RT: 21.305 min Scan# 1625
 Delta R.T. -0.001 min
 Lab File: Be098775.d
 Acq: 27 Feb 2019 14:02

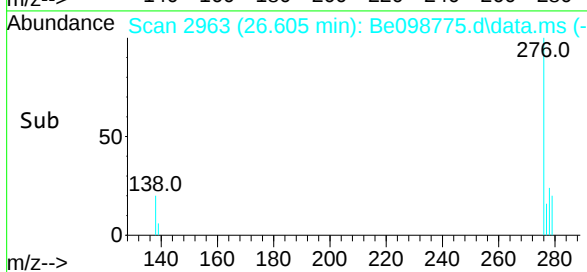
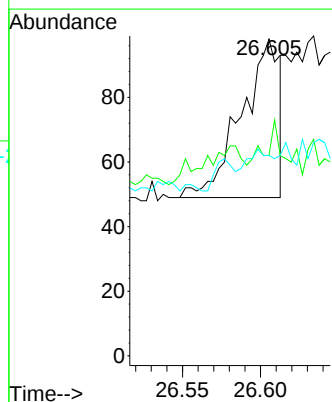
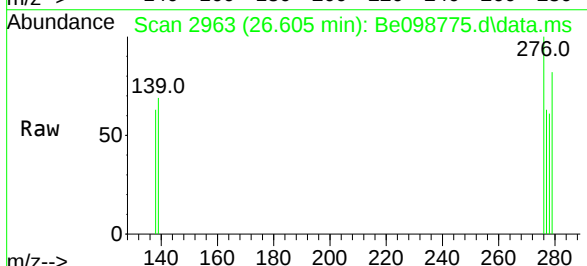
Instrument :
 BNA_E
 ClientSampleId :
 M2-T0-UV(PRE)

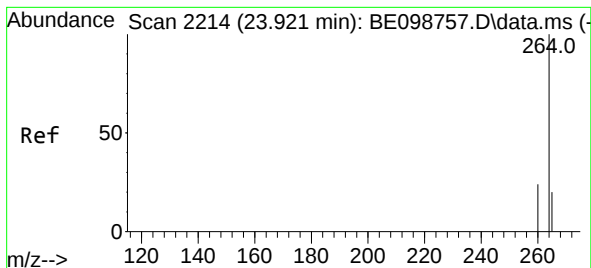
Tgt Ion:149 Resp: 4287
 Ion Ratio Lower Upper
 149 100
 167 7.0 5.4 8.2
 279 1.5 1.0 1.4#



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.09 ng
 RT: 26.605 min Scan# 2963
 Delta R.T. 0.035 min
 Lab File: Be098775.d
 Acq: 27 Feb 2019 14:02

Tgt Ion:276 Resp: 84
 Ion Ratio Lower Upper
 276 100
 138 14.3 13.3 19.9
 277 13.1 19.4 29.0#

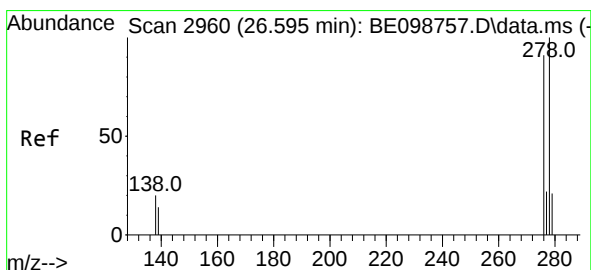
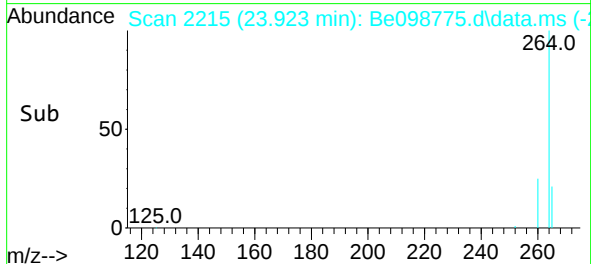
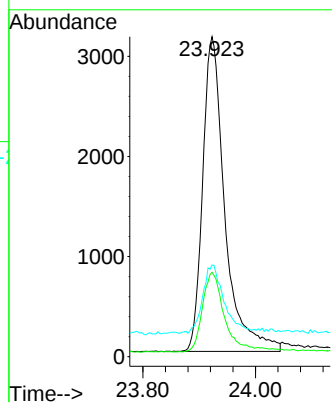
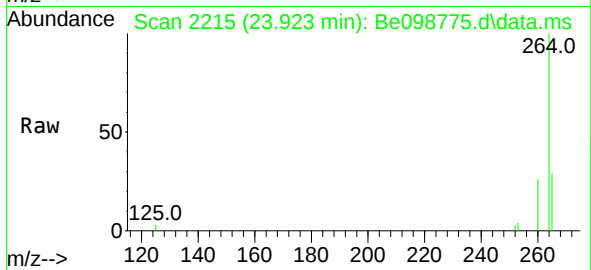




#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.923 min Scan# 2215
 Delta R.T. 0.002 min
 Lab File: Be098775.d
 Acq: 27 Feb 2019 14:02

Instrument :
 BNA_E
 ClientSampleId :
 M2-T0-UV(PRE)

Tgt Ion:264 Resp: 8619
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.5 30.7
 265 28.7 22.3 33.5



#38
 Dibenzo(a,h)anthracene
 Concen: 0.15 ng
 RT: 26.637 min Scan# 2972
 Delta R.T. 0.043 min
 Lab File: Be098775.d
 Acq: 27 Feb 2019 14:02

Tgt Ion:278 Resp: 76
 Ion Ratio Lower Upper
 278 100
 139 70.8 12.7 19.1#
 279 94.4 22.0 33.0#

