

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022019\
 Data File : BE098743.D
 Acq On : 20 Feb 2019 16:11
 Operator : JU/SJ
 Sample : K1528-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 20 18:03:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 24 14:44:44 2019
 Response via : Initial Calibration

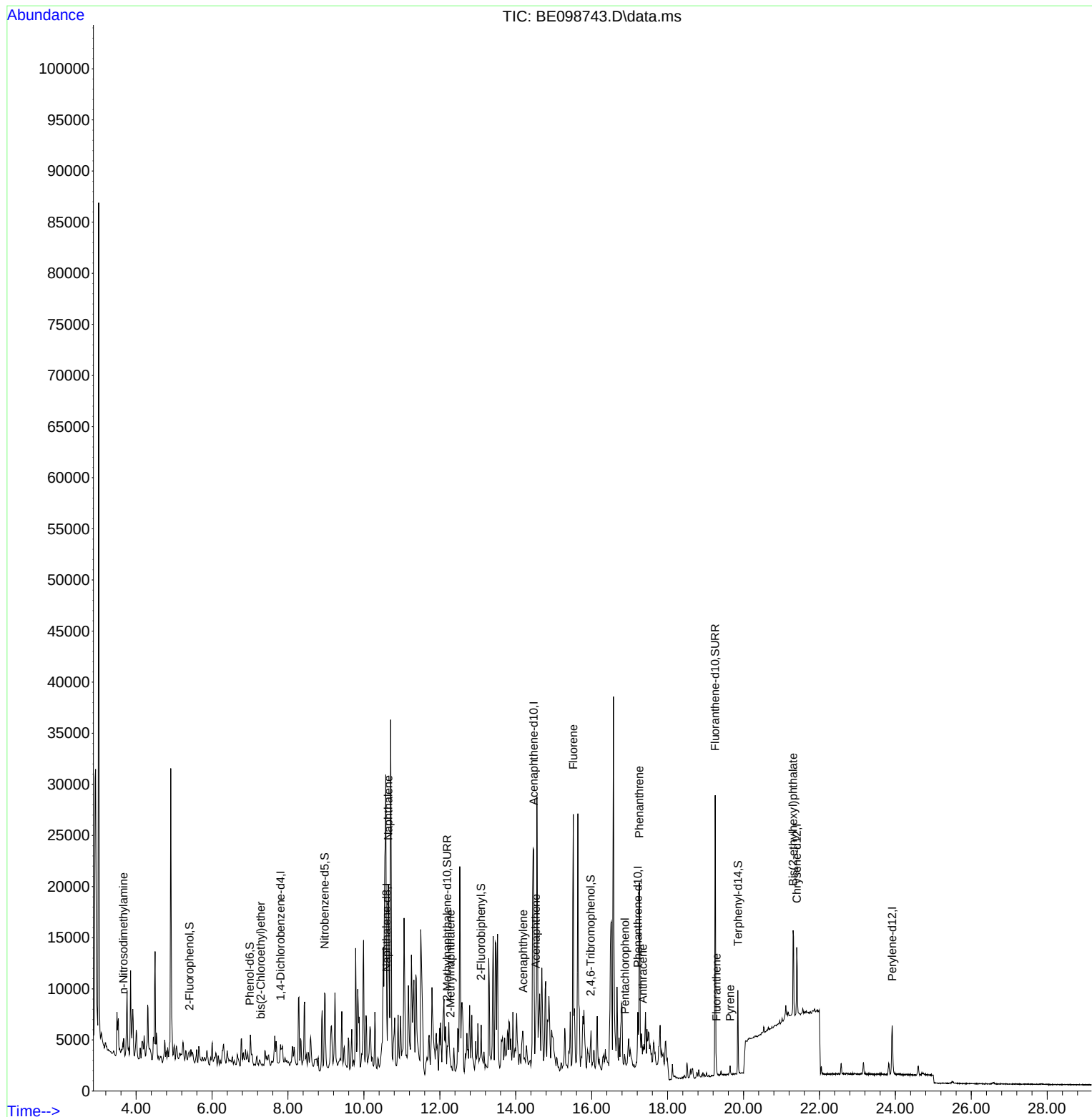
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.803	152	1081	0.40 ng	0.00
7) Naphthalene-d8	10.602	136	4427	0.40 ng	# 0.00
13) Acenaphthene-d10	14.471	164	3225	0.40 ng	# 0.00
19) Phenanthrene-d10	17.215	188	6502	0.40 ng	#-0.01
27) Chrysene-d12	21.402	240	7347	0.40 ng	#-0.01
34) Perylene-d12	23.916	264	7225	0.40 ng	#-0.01
System Monitoring Compounds					
4) 2-Fluorophenol	5.407	112	559	0.17 ng	0.00
5) Phenol-d6	6.997	99	513	0.11 ng	0.00
8) Nitrobenzene-d5	8.965	82	1450	0.35 ng	-0.01
11) 2-Methylnaphthalene-d10	12.195	152	3070	0.36 ng	-0.01
14) 2,4,6-Tribromophenol	15.970	330	619	0.43 ng	-0.01
15) 2-Fluorobiphenyl	13.088	172	4096	0.30 ng	-0.02
25) Fluoranthene-d10	19.253	212	34809	0.37 ng	0.00
29) Terphenyl-d14	19.850	244	7219	0.39 ng	0.00
Target Compounds					
2) 1,4-Dioxane	3.277	88	131	Below Cal	# 11
3) n-Nitrosodimethylamine	3.668	42	1490	0.56 ng	# 13
6) bis(2-Chloroethyl)ether	7.285	93	115	0.04 ng	# 1
9) Naphthalene	10.641	128	21974	0.43 ng	# 70
12) 2-Methylnaphthalene	12.281	142	979	0.12 ng	# 71
16) Acenaphthylene	14.197	152	995	0.06 ng	# 80
17) Acenaphthene	14.529	154	2344	0.24 ng	# 3
18) Fluorene	15.515	166	18101	1.36 ng	# 89
22) Pentachlorophenol	16.881	266	33	0.03 ng	# 65
23) Phenanthrene	17.256	178	20420	1.14 ng	# 95
24) Anthracene	17.349	178	1128	0.13 ng	# 82
26) Fluoranthene	19.287	202	528	0.02 ng	# 85
28) Pyrene	19.649	202	887	0.04 ng	# 80
32) Bis(2-ethylhexyl)phtha...	21.306	149	12677	0.31 ng	# 99

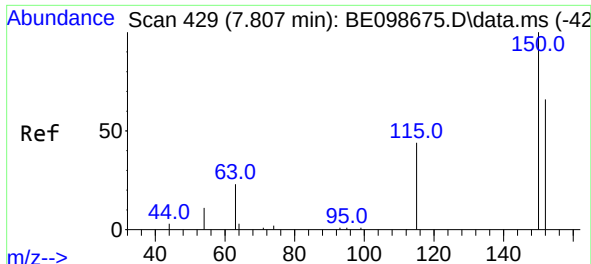
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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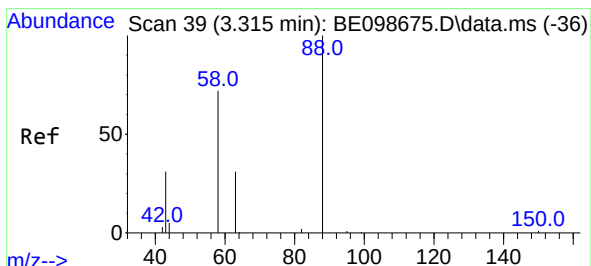
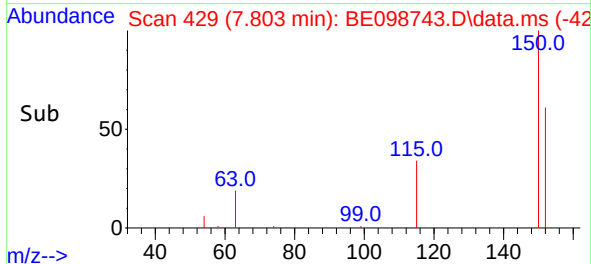
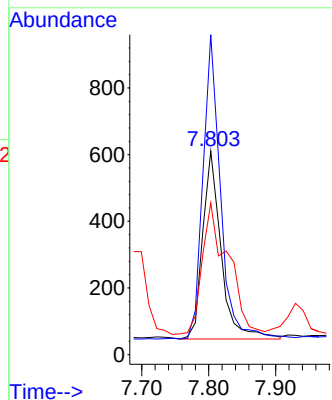
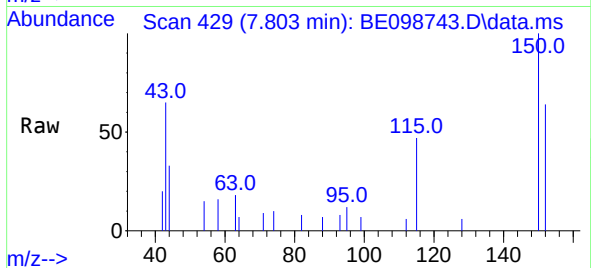




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.803 min Scan# 429
Delta R.T. -0.004 min
Lab File: BE098743.D
Acq: 20 Feb 2019 16:11

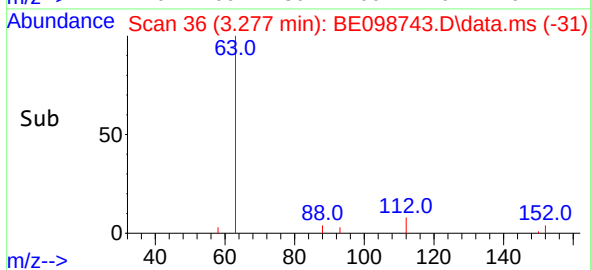
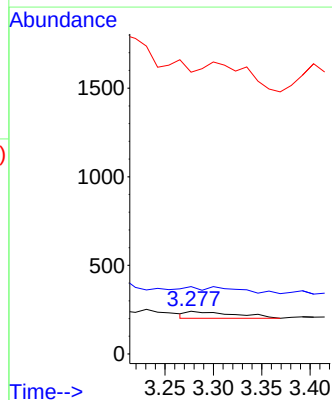
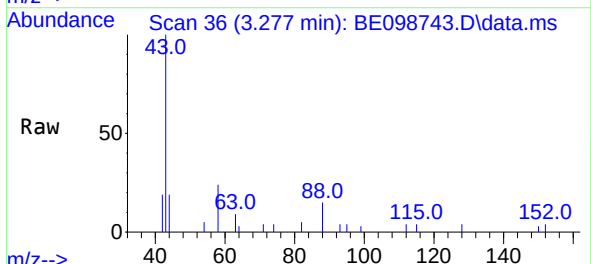
Instrument :
BNA_E
ClientSampled :

Tgt Ion:152 Resp: 1081
Ion Ratio Lower Upper
152 100
150 157.1 121.4 182.2
115 74.5 59.1 88.7

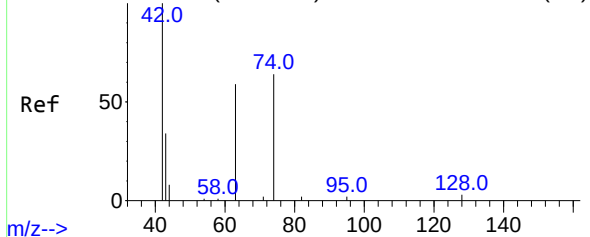


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.277 min Scan# 36
Delta R.T. -0.038 min
Lab File: BE098743.D
Acq: 20 Feb 2019 16:11

Tgt Ion: 88 Resp: 131
Ion Ratio Lower Upper
88 100
58 0.0 73.9 110.9#
43 0.0 43.7 65.5#



Abundance Scan 68 (3.649 min): BE098675.D\data.ms (-65)

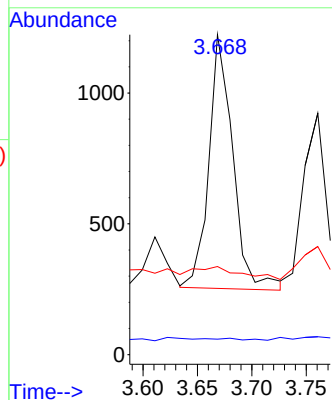
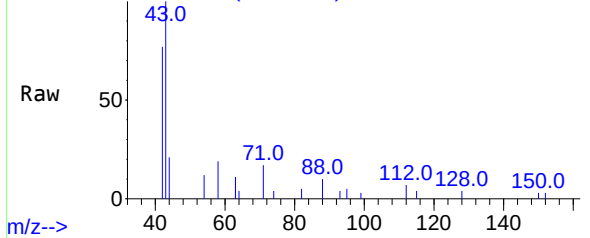


#3
n-Nitrosodimethylamine
Concen: 0.56 ng
RT: 3.668 min Scan# 70
Delta R.T. 0.019 min
Lab File: BE098743.D
Acq: 20 Feb 2019 16:11

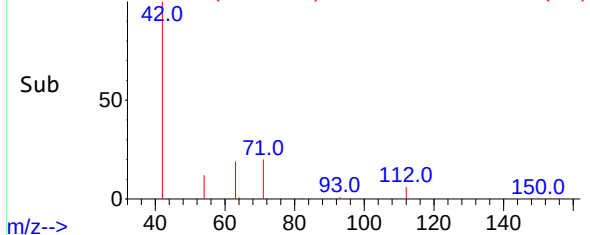
Tgt Ion: 42 Resp: 1490
Ion Ratio Lower Upper
42 100
74 0.0 58.9 88.3#
44 9.7 0.0 0.0#

Instrument :
BNA_E
ClientSampled :

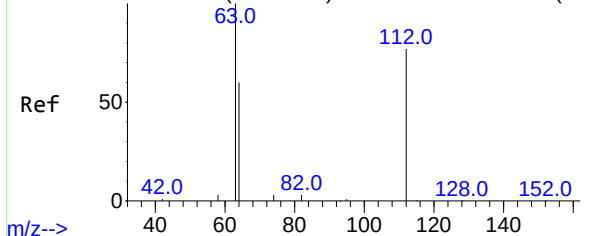
Abundance Scan 70 (3.668 min): BE098743.D\data.ms



Abundance Scan 70 (3.668 min): BE098743.D\data.ms (-60)



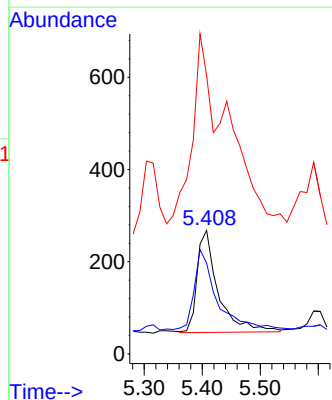
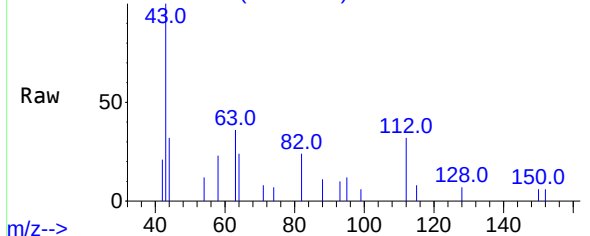
Abundance Scan 220 (5.399 min): BE098675.D\data.ms (-21)



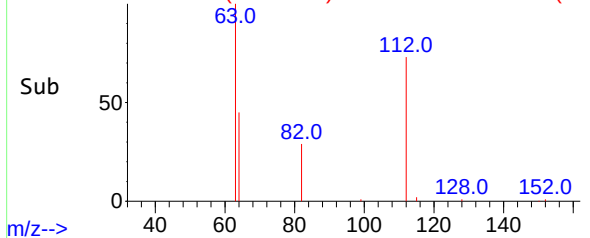
#4
2-Fluorophenol
Concen: 0.17 ng
RT: 5.407 min Scan# 221
Delta R.T. 0.008 min
Lab File: BE098743.D
Acq: 20 Feb 2019 16:11

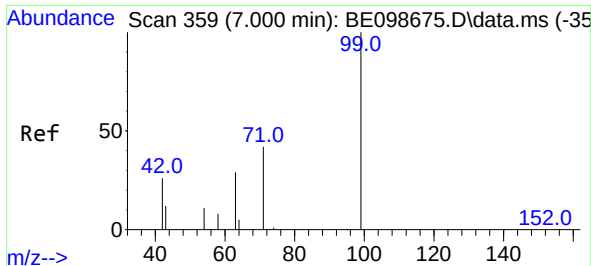
Tgt Ion: 112 Resp: 559
Ion Ratio Lower Upper
112 100
64 82.6 62.9 94.3
63 187.1 152.2 228.4

Abundance Scan 221 (5.407 min): BE098743.D\data.ms



Abundance Scan 221 (5.407 min): BE098743.D\data.ms (-21)

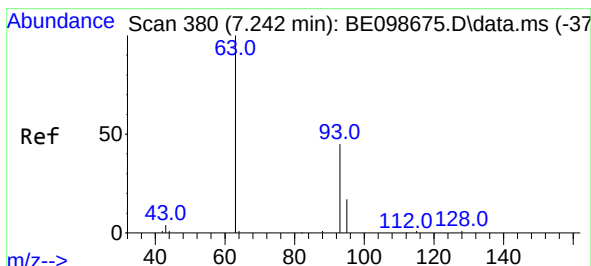
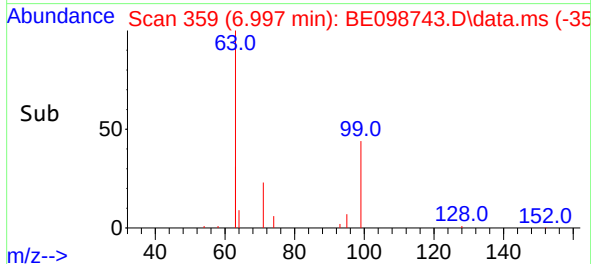
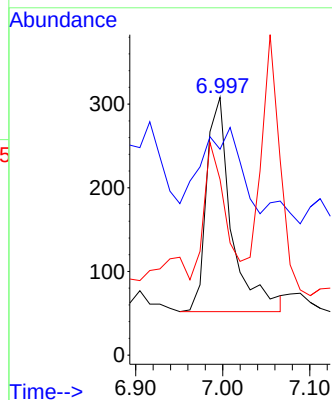
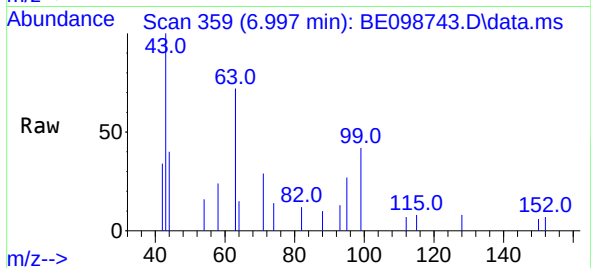




#5
Phenol-d6
Concen: 0.11 ng
RT: 6.997 min Scan# 359
Delta R.T. -0.003 min
Lab File: BE098743.D
Acq: 20 Feb 2019 16:11

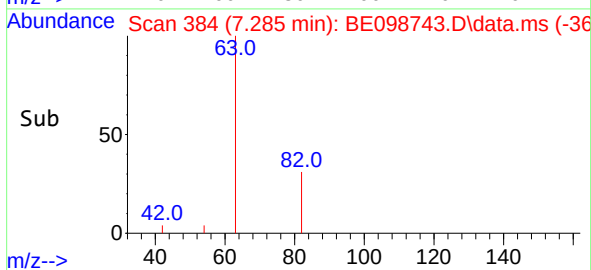
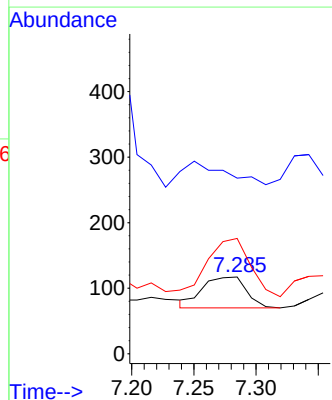
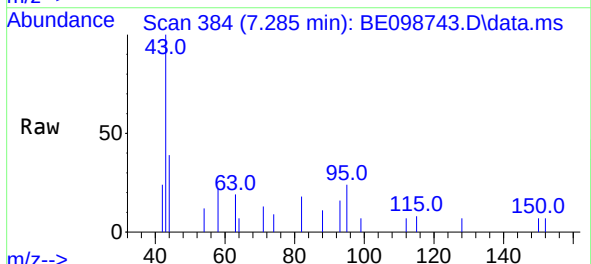
Instrument :
BNA_E
ClientSampleId :

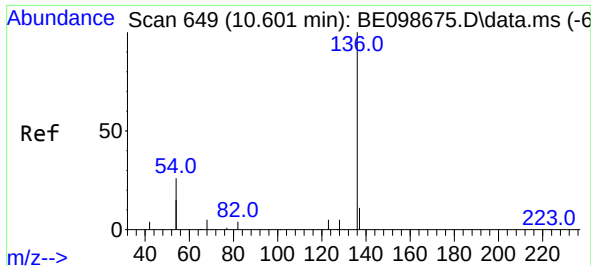
Tgt Ion: 99 Resp: 513
Ion Ratio Lower Upper
99 100
42 0.0 24.6 37.0#
71 51.7 35.1 52.7



#6
bis(2-Chloroethyl)ether
Concen: 0.04 ng
RT: 7.285 min Scan# 384
Delta R.T. 0.043 min
Lab File: BE098743.D
Acq: 20 Feb 2019 16:11

Tgt Ion: 93 Resp: 115
Ion Ratio Lower Upper
93 100
63 0.0 267.3 400.9#
95 189.6 26.2 39.4#



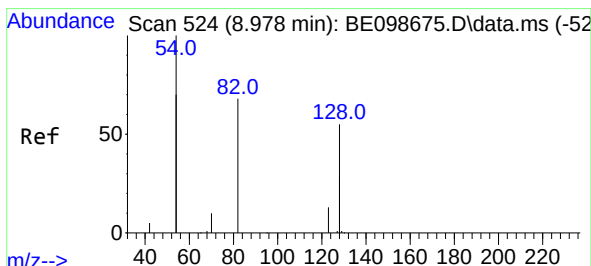
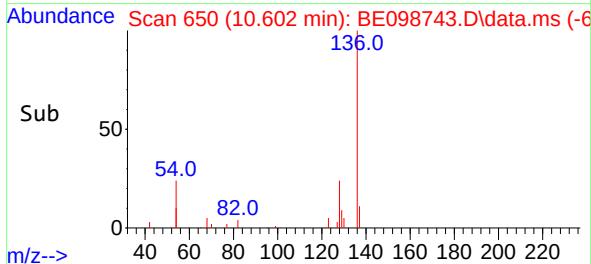
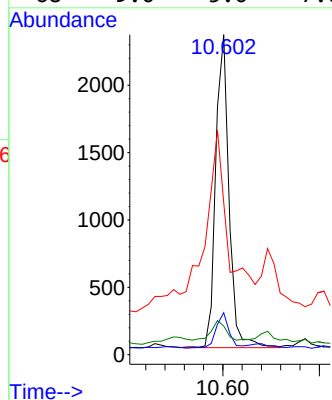
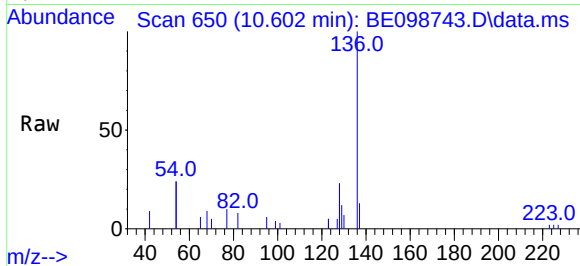


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.602 min Scan# 650
Delta R.T. 0.001 min
Lab File: BE098743.D
Acq: 20 Feb 2019 16:11

Instrument :
BNA_E
ClientSampled :

Tgt Ion:136 Resp: 4427

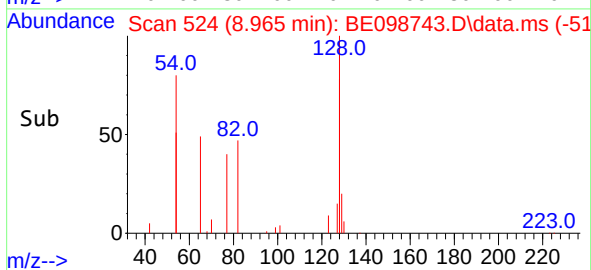
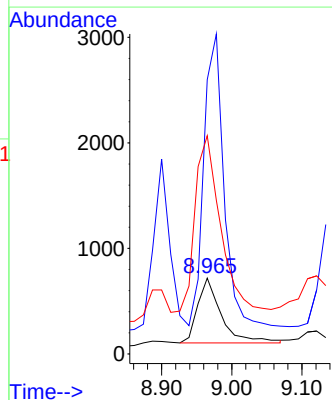
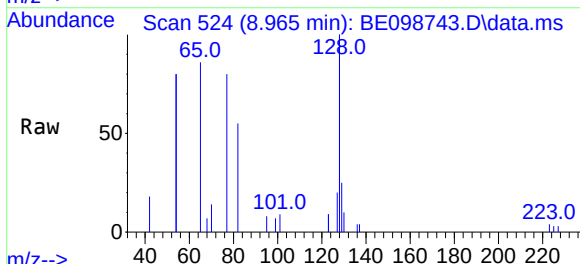
Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.7	14.5
54	47.6	35.5	53.3
68	9.0	5.0	7.6

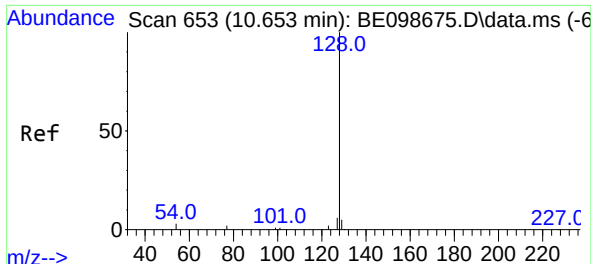


#8
Nitrobenzene-d5
Concen: 0.35 ng
RT: 8.965 min Scan# 524
Delta R.T. -0.013 min
Lab File: BE098743.D
Acq: 20 Feb 2019 16:11

Tgt Ion: 82 Resp: 1450

Ion	Ratio	Lower	Upper
82	100		
128	361.3	96.5	144.7
54	287.6	224.7	337.1

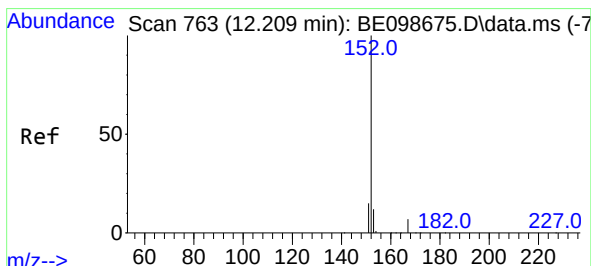
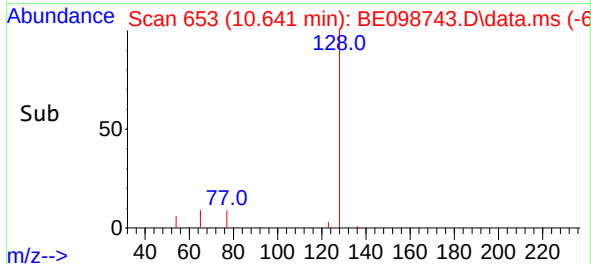
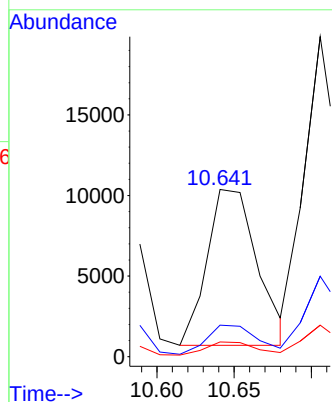
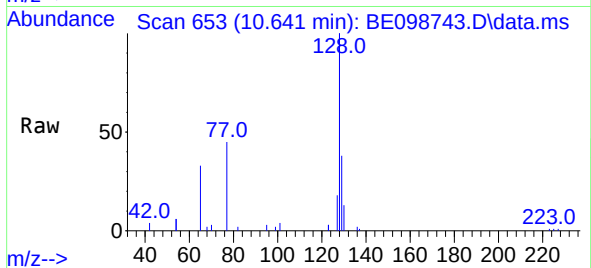




#9
Naphthalene
Concen: 0.43 ng
RT: 10.641 min Scan# 653
Delta R.T. -0.012 min
Lab File: BE098743.D
Acq: 20 Feb 2019 16:11

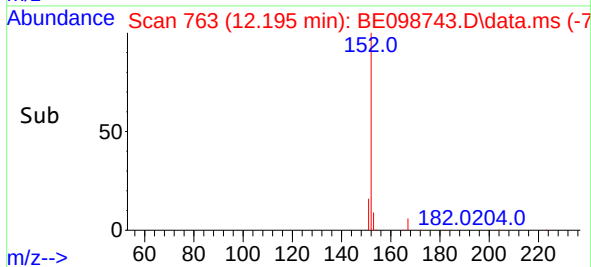
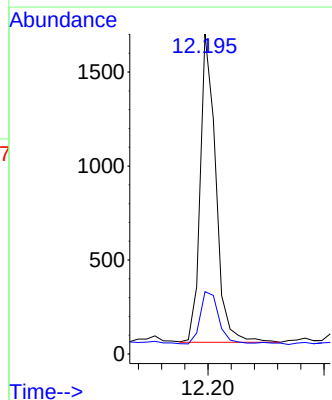
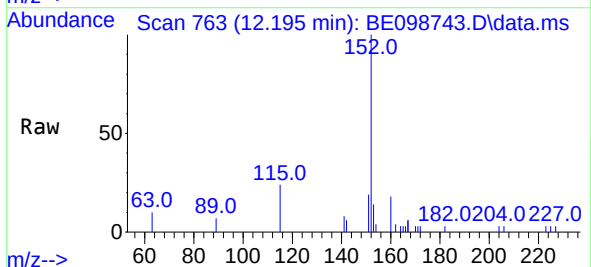
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BNA_E
ClientSampleId :

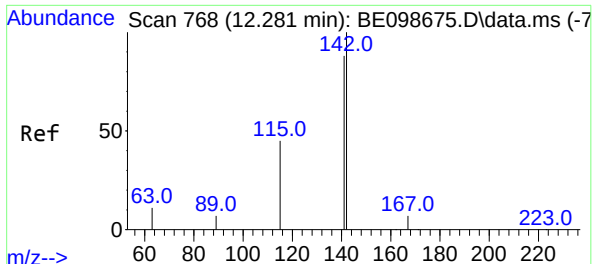
Tgt Ion:128 Resp: 21974
Ion Ratio Lower Upper
128 100
129 18.8 2.6 3.8#
127 8.8 3.0 4.6#



#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.195 min Scan# 763
Delta R.T. -0.014 min
Lab File: BE098743.D
Acq: 20 Feb 2019 16:11

Tgt Ion:152 Resp: 3070
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4

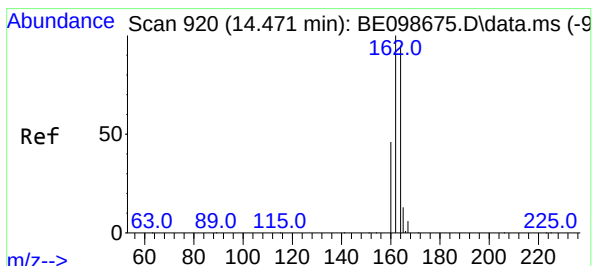
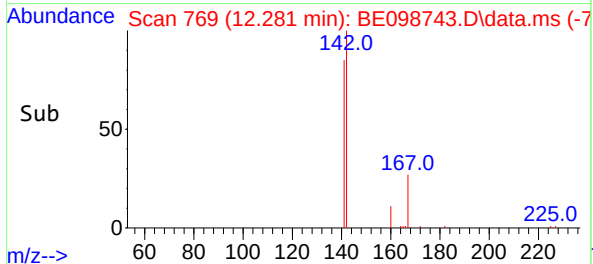
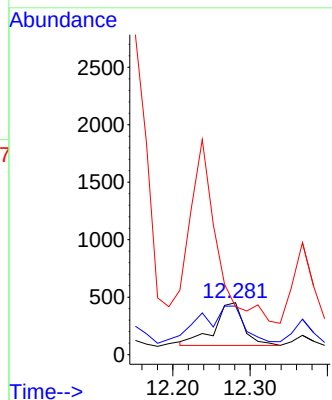
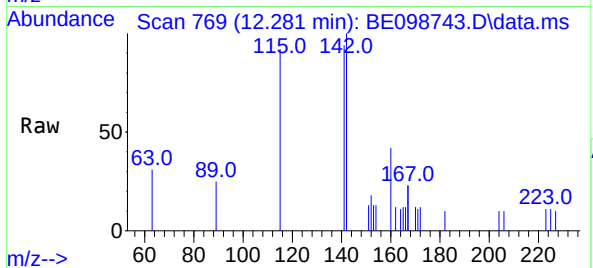




#12
2-Methylnaphthalene
Concen: 0.12 ng
RT: 12.281 min Scan# 769
Delta R.T. 0.000 min
Lab File: BE098743.D
Acq: 20 Feb 2019 16:11

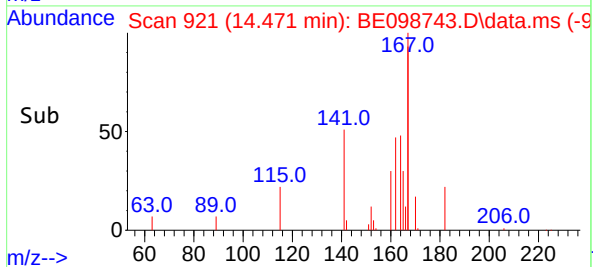
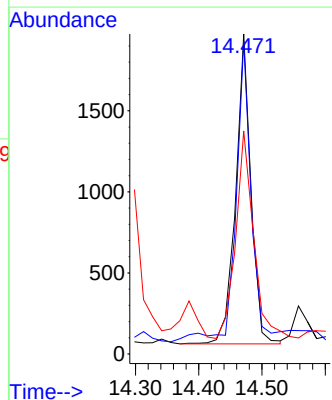
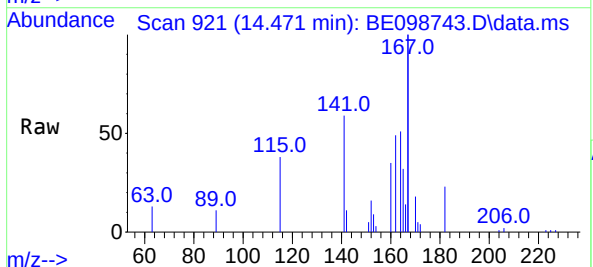
Instrument :
BNA_E
ClientSampled :

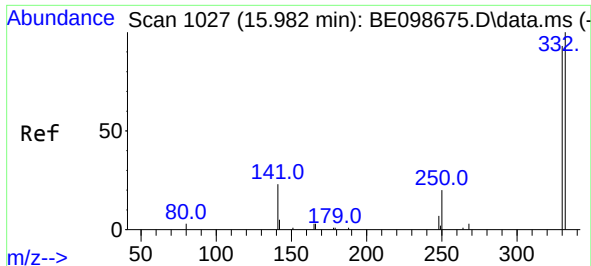
Tgt Ion:142 Resp: 979
Ion Ratio Lower Upper
142 100
141 93.6 70.0 105.0
115 92.3 35.2 52.8#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.471 min Scan# 921
Delta R.T. 0.000 min
Lab File: BE098743.D
Acq: 20 Feb 2019 16:11

Tgt Ion:164 Resp: 3225
Ion Ratio Lower Upper
164 100
162 97.8 80.5 120.7
160 69.7 40.1 60.1#

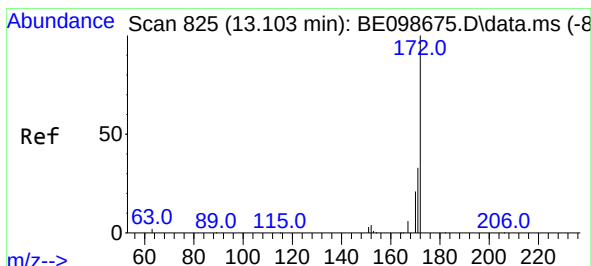
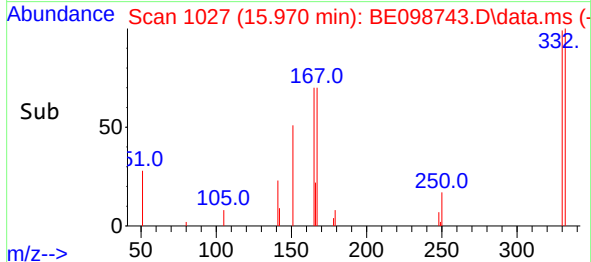
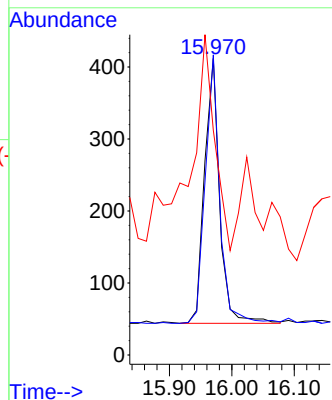
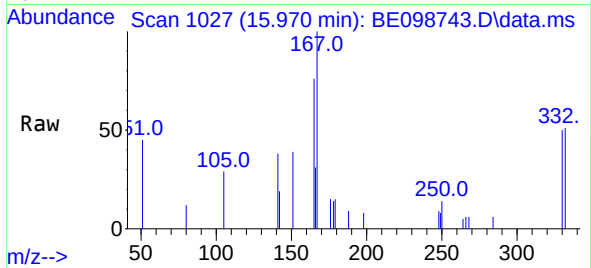




#14
2,4,6-Tribromophenol
Concen: 0.43 ng
RT: 15.970 min Scan# 1027
Delta R.T. -0.012 min
Lab File: BE098743.D
Acq: 20 Feb 2019 16:11

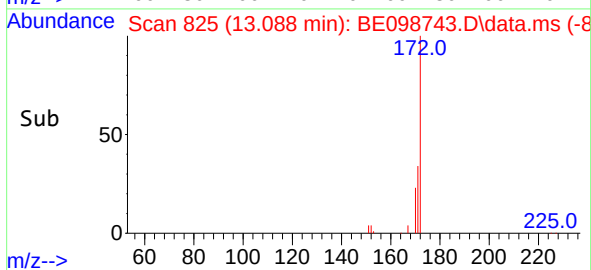
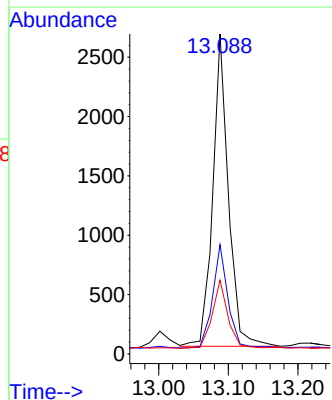
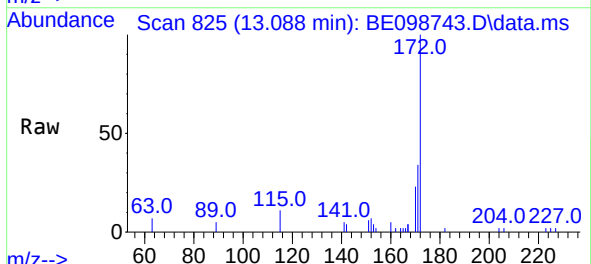
Instrument :
BNA_E
ClientSampled :

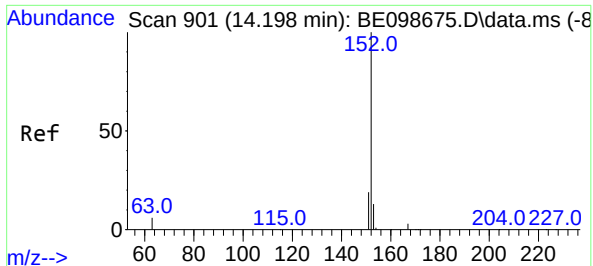
Tgt Ion:330 Resp: 619
Ion Ratio Lower Upper
330 100
332 96.9 73.3 109.9
141 112.4 33.1 49.7#



#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 13.088 min Scan# 825
Delta R.T. -0.015 min
Lab File: BE098743.D
Acq: 20 Feb 2019 16:11

Tgt Ion:172 Resp: 4096
Ion Ratio Lower Upper
172 100
171 34.2 29.0 43.4
170 23.0 20.8 31.2

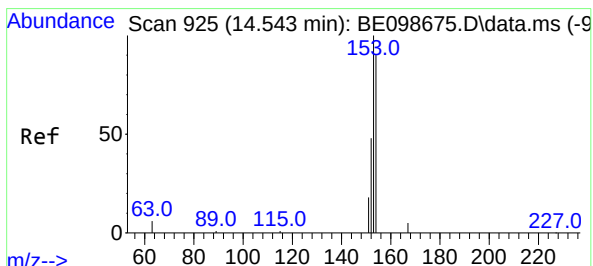
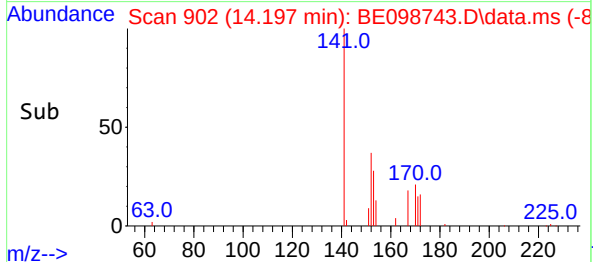
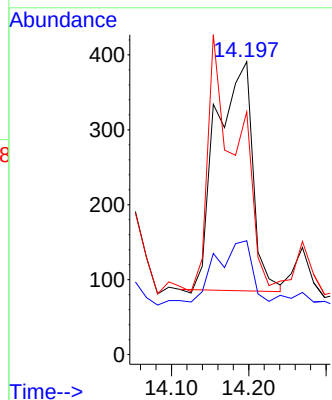
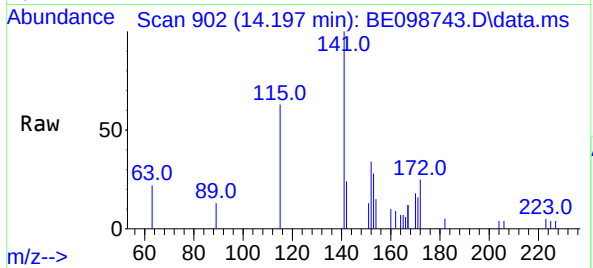




#16
Acenaphthylene
Concen: 0.06 ng
RT: 14.197 min Scan# 902
Delta R.T. -0.001 min
Lab File: BE098743.D
Acq: 20 Feb 2019 16:11

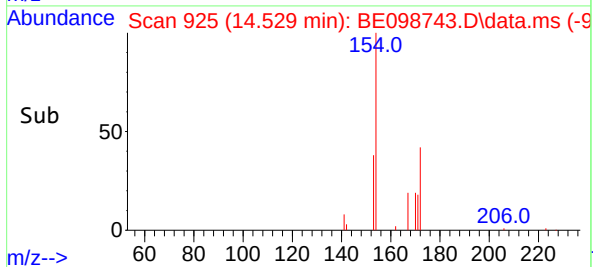
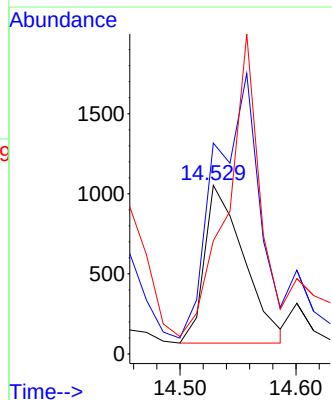
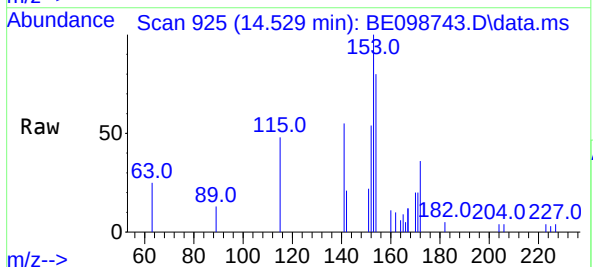
Instrument :
BNA_E
ClientSampleId :

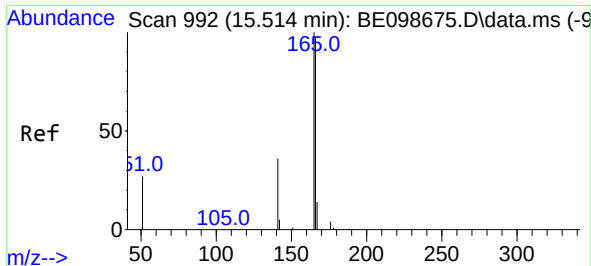
Tgt Ion:152 Resp: 995
Ion Ratio Lower Upper
152 100
151 25.8 16.3 24.5#
153 0.0 10.7 16.1#



#17
Acenaphthene
Concen: 0.24 ng
RT: 14.529 min Scan# 925
Delta R.T. -0.014 min
Lab File: BE098743.D
Acq: 20 Feb 2019 16:11

Tgt Ion:154 Resp: 2344
Ion Ratio Lower Upper
154 100
153 0.0 93.9 140.9#
152 0.0 45.8 68.8#

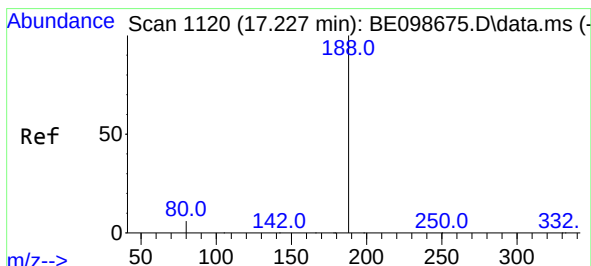
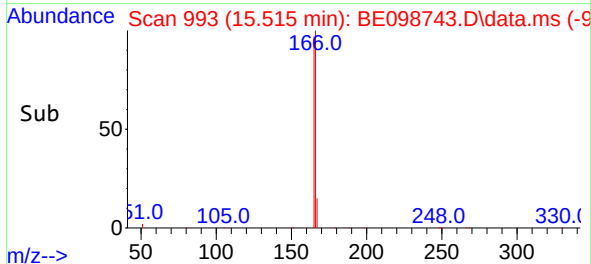
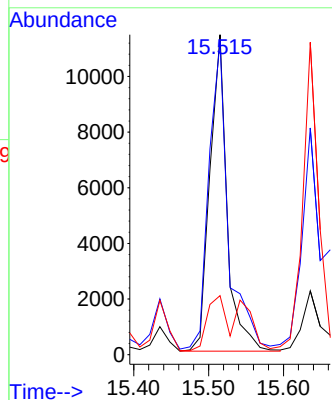
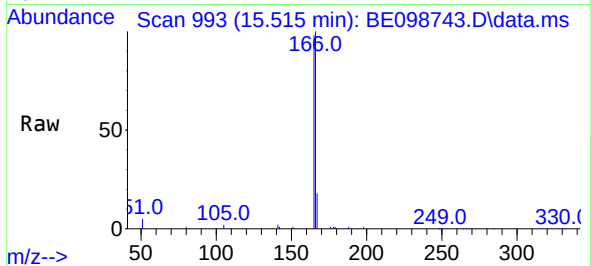




#18
Fluorene
Concen: 1.36 ng
RT: 15.515 min Scan# 993
Delta R.T. 0.001 min
Lab File: BE098743.D
Acq: 20 Feb 2019 16:11

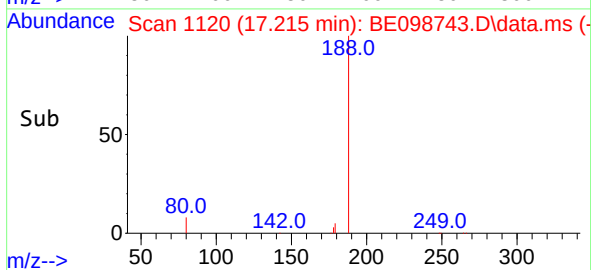
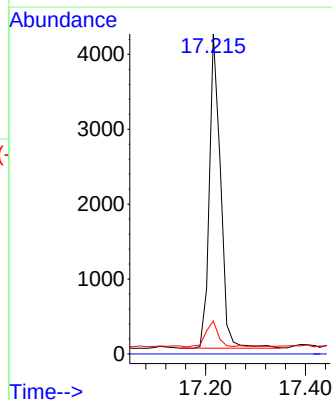
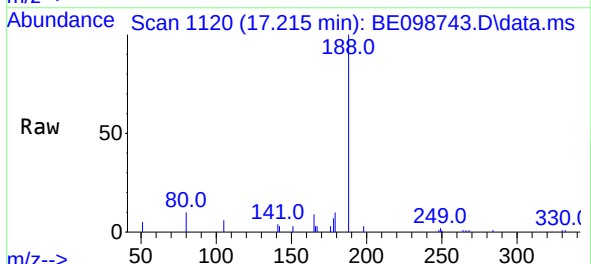
Instrument :
BNA_E
ClientSampled :

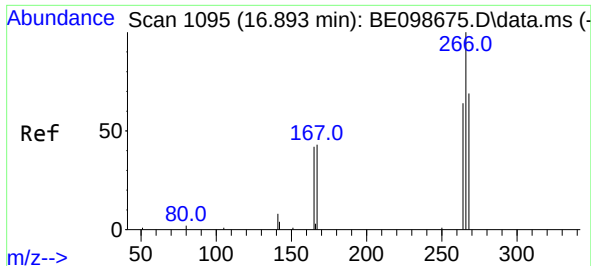
Tgt Ion:166 Resp: 18101
Ion Ratio Lower Upper
166 100
165 109.3 79.3 118.9
167 19.2 10.6 15.8#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.215 min Scan# 1120
Delta R.T. -0.012 min
Lab File: BE098743.D
Acq: 20 Feb 2019 16:11

Tgt Ion:188 Resp: 6502
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 4.7 7.1#

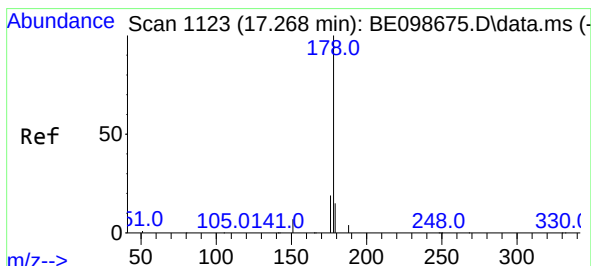
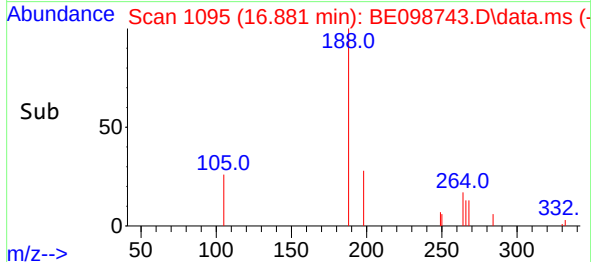
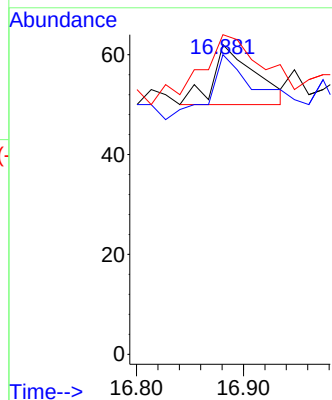
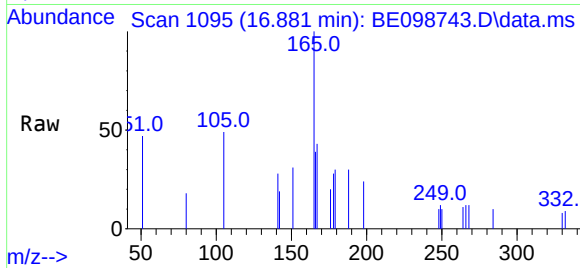




#22
Pentachlorophenol
Concen: 0.03 ng
RT: 16.881 min Scan# 1095
Delta R.T. -0.012 min
Lab File: BE098743.D
Acq: 20 Feb 2019 16:11

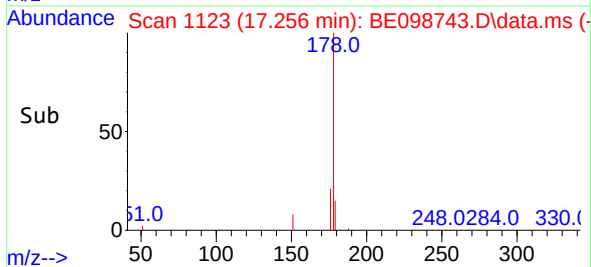
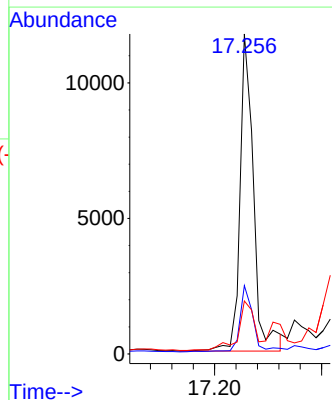
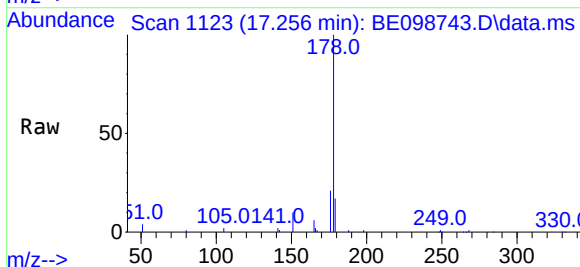
Instrument :
BNA_E
ClientSampleId :

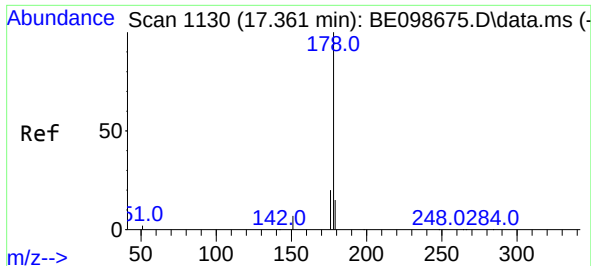
Tgt Ion:266 Resp: 33
Ion Ratio Lower Upper
266 100
264 96.8 53.7 80.5#
268 103.2 59.8 89.8#



#23
Phenanthrene
Concen: 1.14 ng
RT: 17.256 min Scan# 1123
Delta R.T. -0.012 min
Lab File: BE098743.D
Acq: 20 Feb 2019 16:11

Tgt Ion:178 Resp: 20420
Ion Ratio Lower Upper
178 100
176 20.4 15.9 23.9
179 19.7 12.2 18.4#

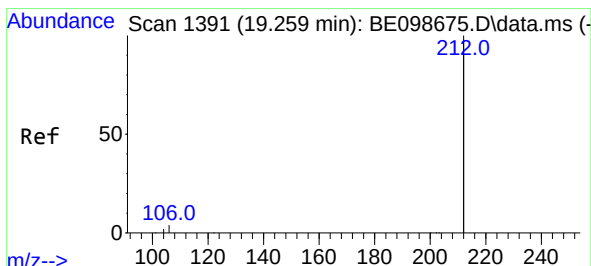
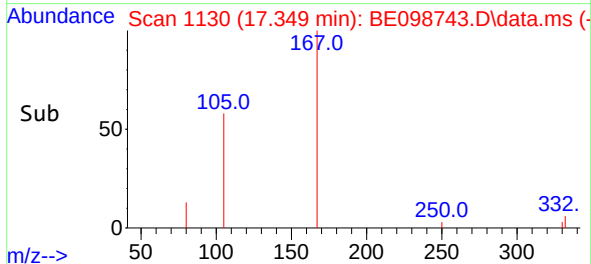
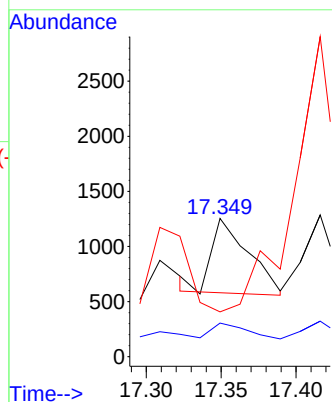
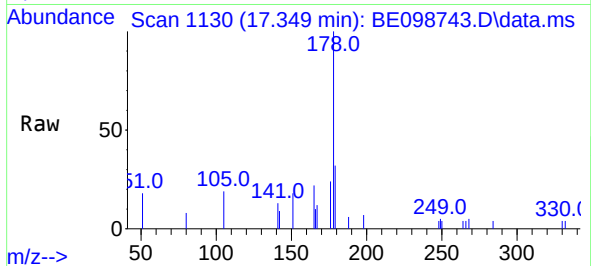




#24
 Anthracene
 Concen: 0.13 ng
 RT: 17.349 min Scan# 1130
 Delta R.T. -0.012 min
 Lab File: BE098743.D
 Acq: 20 Feb 2019 16:11

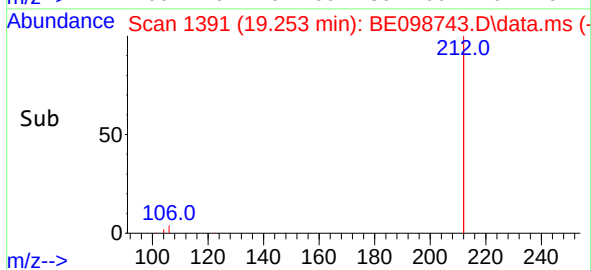
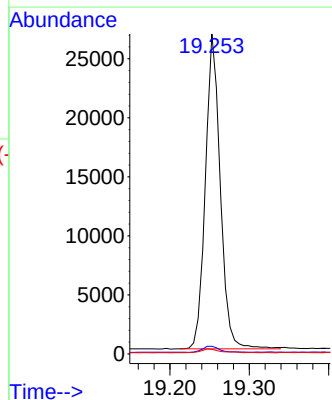
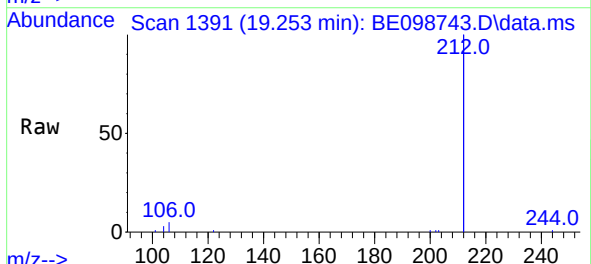
Instrument :
 BNA_E
 ClientSampled :

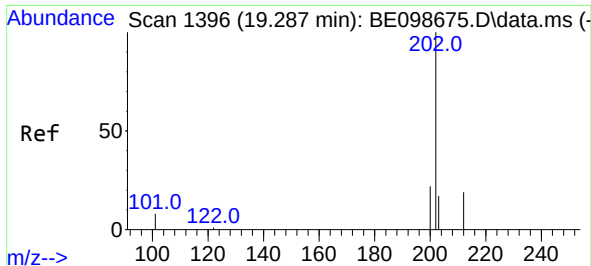
Tgt Ion:178 Resp: 1128
 Ion Ratio Lower Upper
 178 100
 176 20.7 14.9 22.3
 179 0.0 11.8 17.8#



#25
 Fluoranthene-d10
 Concen: 0.37 ng
 RT: 19.253 min Scan# 1391
 Delta R.T. -0.006 min
 Lab File: BE098743.D
 Acq: 20 Feb 2019 16:11

Tgt Ion:212 Resp: 34809
 Ion Ratio Lower Upper
 212 100
 106 2.2 1.7 2.5
 104 1.7 1.0 1.6#

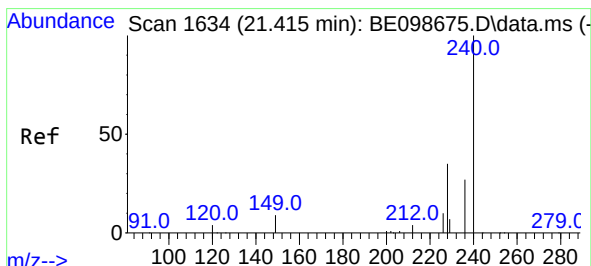
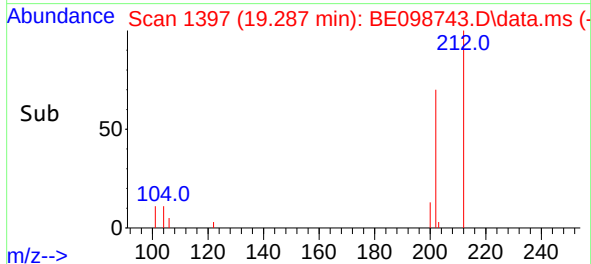
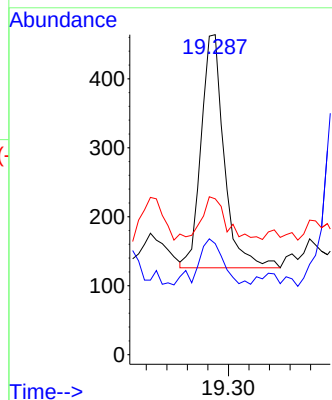
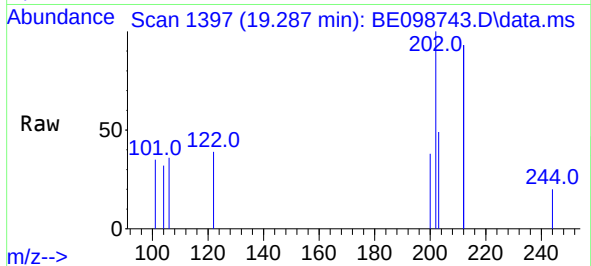




#26
Fluoranthene
Concen: 0.02 ng
RT: 19.287 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BE098743.D
Acq: 20 Feb 2019 16:11

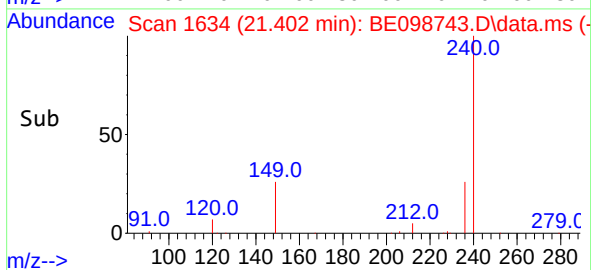
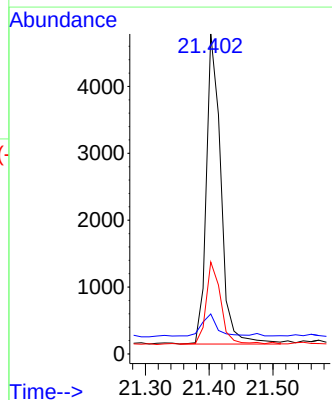
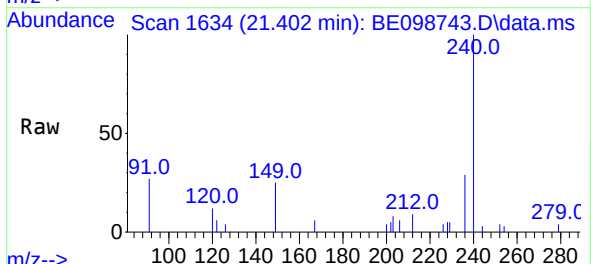
Instrument :
BNA_E
ClientSampleId :

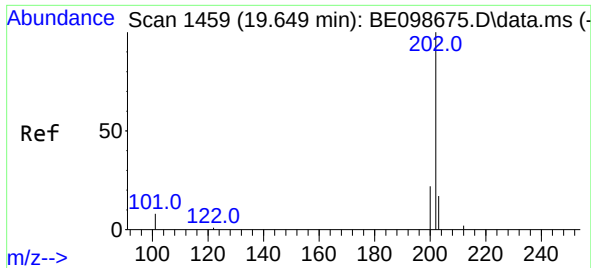
Tgt Ion:202 Resp: 528
Ion Ratio Lower Upper
202 100
101 21.6 6.7 10.1#
203 18.4 13.3 19.9



#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.402 min Scan# 1634
Delta R.T. -0.013 min
Lab File: BE098743.D
Acq: 20 Feb 2019 16:11

Tgt Ion:240 Resp: 7347
Ion Ratio Lower Upper
240 100
120 12.5 4.7 7.1#
236 28.8 21.9 32.9

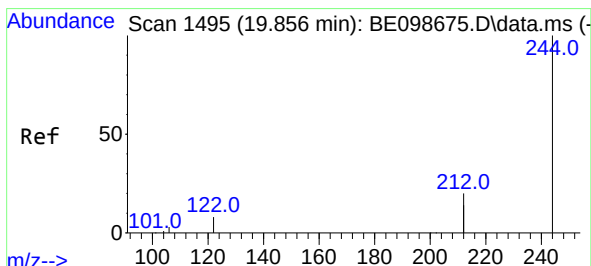
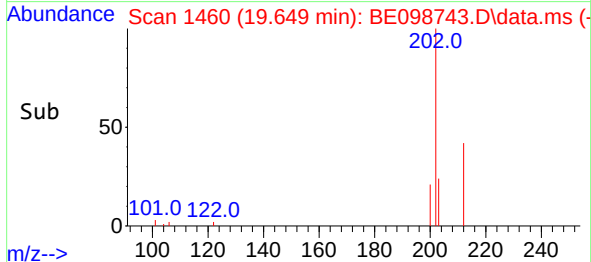
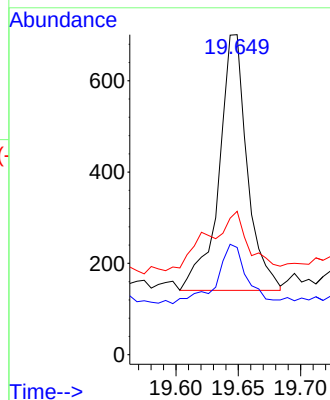
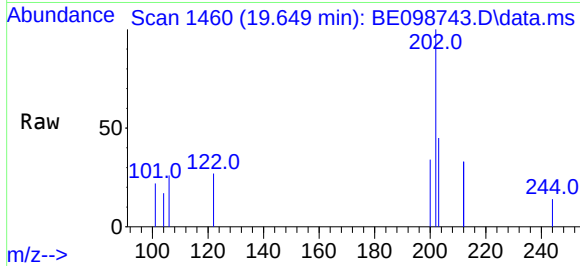




#28
Pyrene
Concen: 0.04 ng
RT: 19.649 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BE098743.D
Acq: 20 Feb 2019 16:11

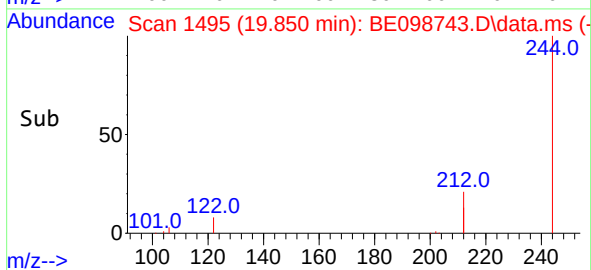
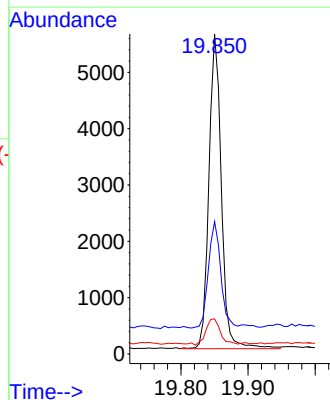
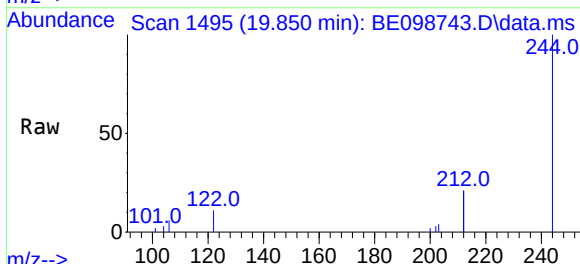
Instrument :
BNA_E
ClientSampled :

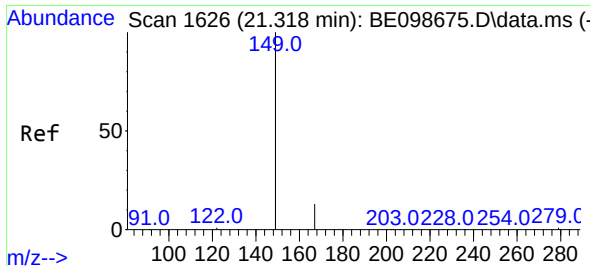
Tgt Ion:	202	Resp:	887
Ion	Ratio	Lower	Upper
202	100		
200	24.0	17.0	25.6
203	33.7	13.8	20.8#



#29
Terphenyl-d14
Concen: 0.39 ng
RT: 19.850 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BE098743.D
Acq: 20 Feb 2019 16:11

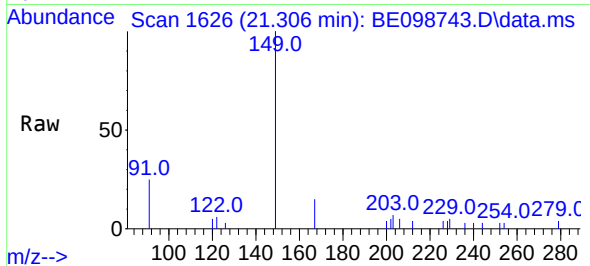
Tgt Ion:	244	Resp:	7219
Ion	Ratio	Lower	Upper
244	100		
212	41.4	29.4	44.2
122	10.9	7.1	10.7#



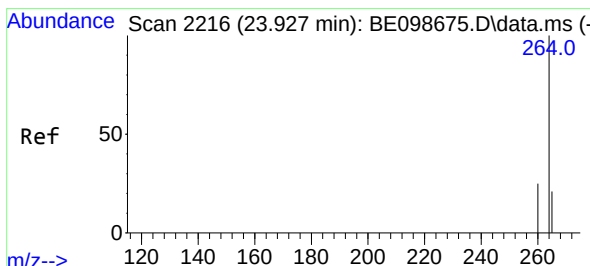
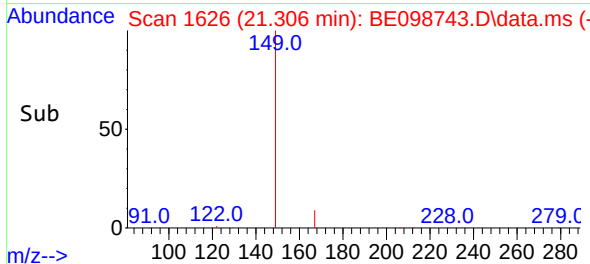
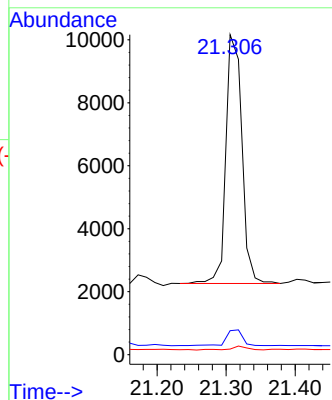


#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.31 ng
 RT: 21.306 min Scan# 1626
 Delta R.T. -0.012 min
 Lab File: BE098743.D
 Acq: 20 Feb 2019 16:11

Instrument :
 BNA_E
 ClientSampled :



Tgt Ion:149 Resp: 12677
 Ion Ratio Lower Upper
 149 100
 167 6.3 5.4 8.2
 279 1.7 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.916 min Scan# 2214
 Delta R.T. -0.011 min
 Lab File: BE098743.D
 Acq: 20 Feb 2019 16:11

Tgt Ion:264 Resp: 7225
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.5 30.7
 265 38.5 22.3 33.5#

