

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022019\
 Data File : BE098738.D
 Acq On : 20 Feb 2019 13:06
 Operator : JU/SJ
 Sample : K1528-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 20 14:23:02 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)

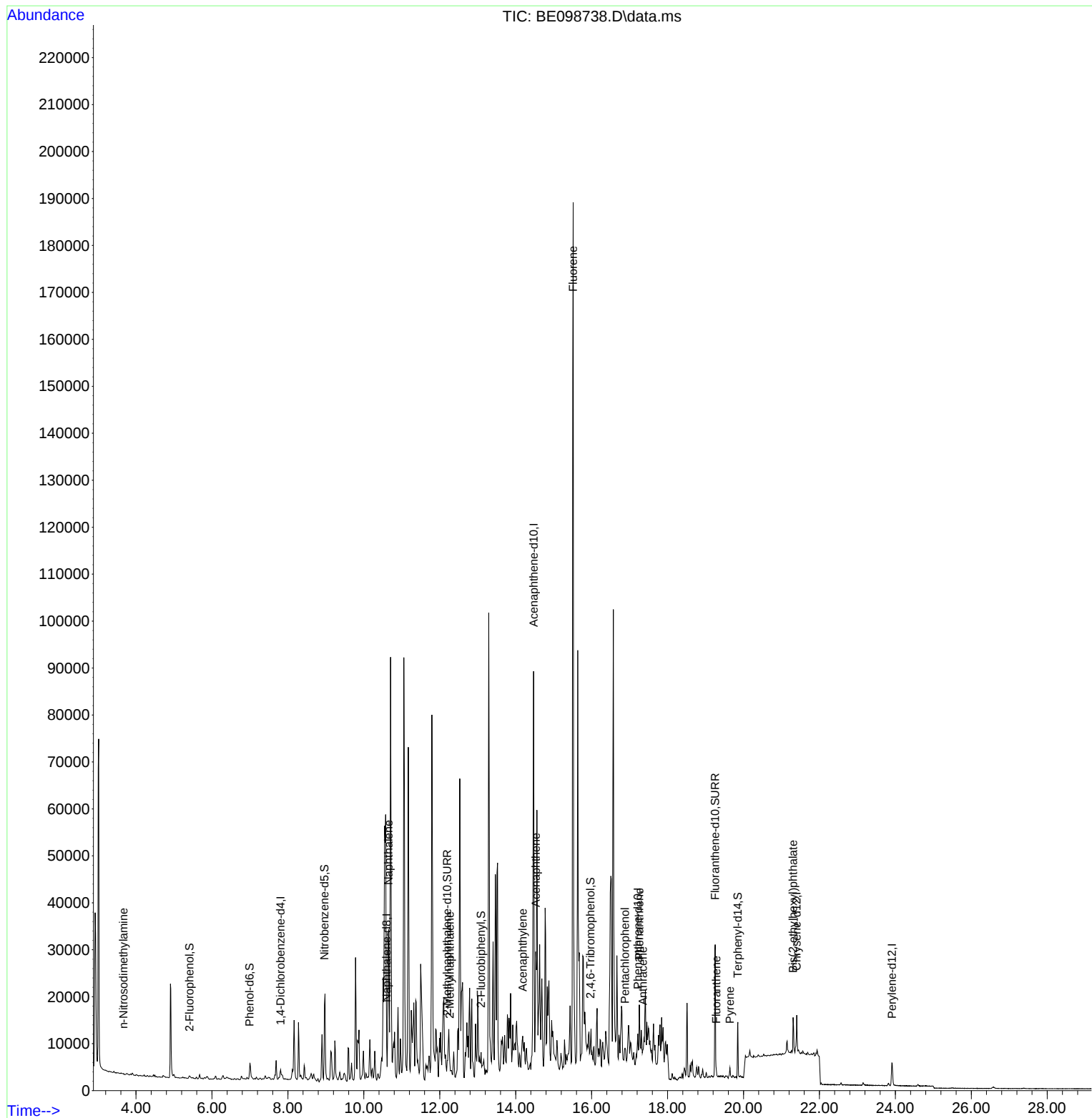
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	1207	0.40	ng	0.00
7) Naphthalene-d8	10.601	136	5057	0.40	ng	# 0.00
13) Acenaphthene-d10	14.472	164	6598	0.40	ng	# 0.00
19) Phenanthrene-d10	17.214	188	7014	0.40	ng	#-0.01
27) Chrysene-d12	21.403	240	8033	0.40	ng	#-0.01
34) Perylene-d12	23.908	264	7724	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.411	112	539	0.15	ng	0.01
5) Phenol-d6	6.989	99	480	0.09	ng	-0.01
8) Nitrobenzene-d5	8.964	82	1615	0.34	ng	-0.01
11) 2-Methylnaphthalene-d10	12.195	152	3568	0.37	ng	-0.01
14) 2,4,6-Tribromophenol	15.969	330	820	0.28	ng	-0.01
15) 2-Fluorobiphenyl	13.089	172	4771	0.17	ng	-0.01
25) Fluoranthene-d10	19.253	212	38714	0.39	ng	0.00
29) Terphenyl-d14	19.851	244	10125	0.51	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	25	Below Cal	#	1
3) n-Nitrosodimethylamine	3.672	42	104	0.09	ng	# 13
9) Naphthalene	10.653	128	37721	0.65	ng	# 64
12) 2-Methylnaphthalene	12.267	142	1628	0.17	ng	# 21
16) Acenaphthylene	14.184	152	2587	0.08	ng	# 75
17) Acenaphthene	14.529	154	10776	0.54	ng	# 67
18) Fluorene	15.514	166	144539	5.29	ng	# 96
22) Pentachlorophenol	16.880	266	752	0.60	ng	97
23) Phenanthrene	17.255	178	12433	0.64	ng	# 89
24) Anthracene	17.348	178	2153	0.18	ng	# 66
26) Fluoranthene	19.282	202	1115	0.04	ng	# 92
28) Pyrene	19.644	202	2275	0.09	ng	# 83
32) Bis(2-ethylhexyl)phtha...	21.306	149	9587	0.21	ng	# 77

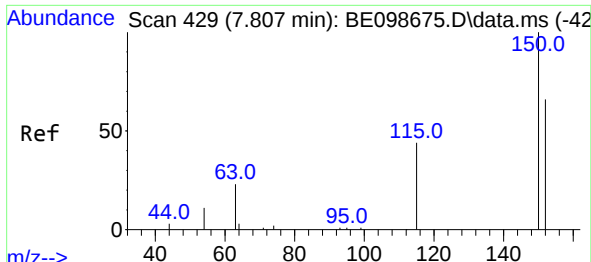
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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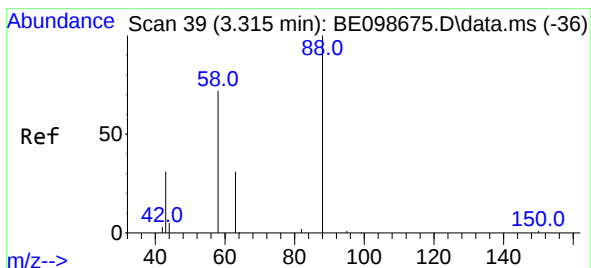
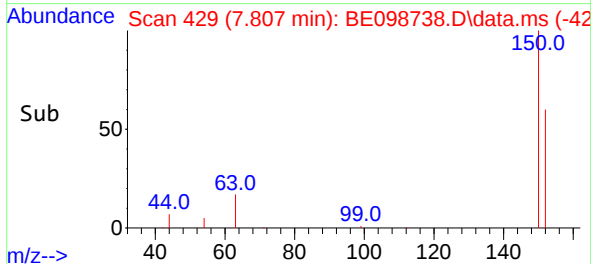
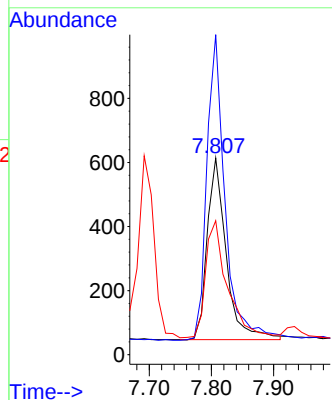
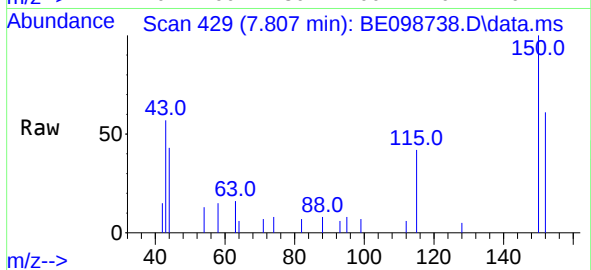




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.807 min Scan# 429
Delta R.T. -0.000 min
Lab File: BE098738.D
Acq: 20 Feb 2019 13:06

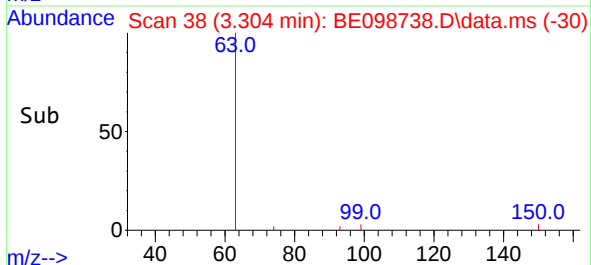
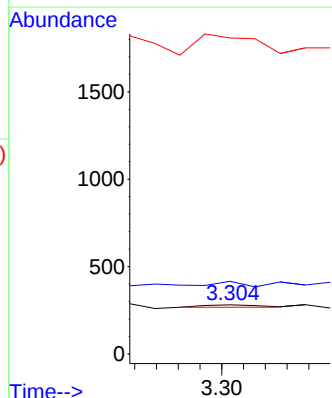
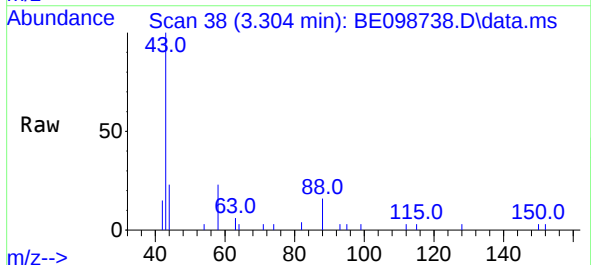
Instrument :
BNA_E
ClientSampled :

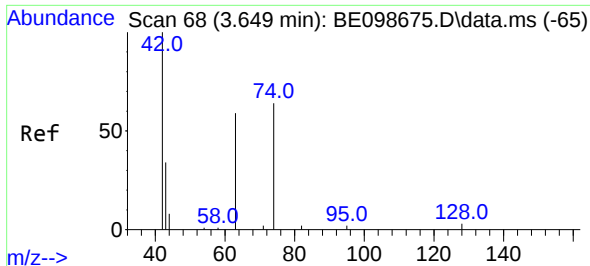
Tgt Ion:152 Resp: 1207
Ion Ratio Lower Upper
152 100
150 162.7 121.4 182.2
115 68.1 59.1 88.7



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.304 min Scan# 38
Delta R.T. -0.011 min
Lab File: BE098738.D
Acq: 20 Feb 2019 13:06

Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
58 0.0 73.9 110.9#
43 2028.0 43.7 65.5#

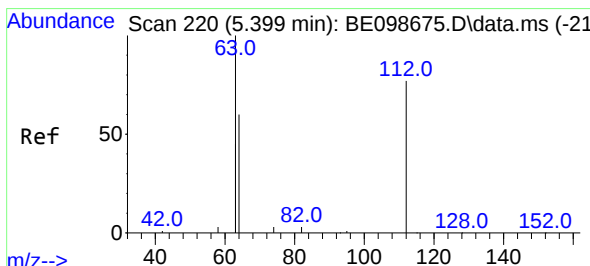
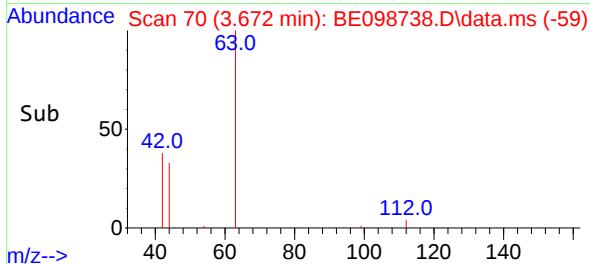
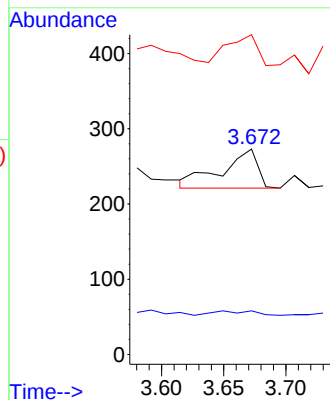
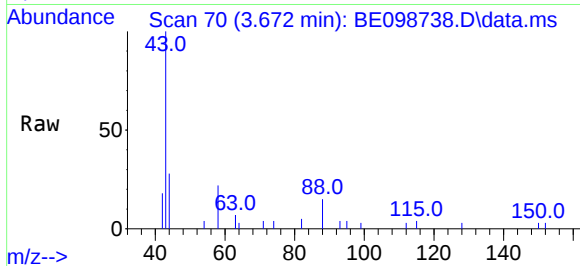




#3
n-Nitrosodimethylamine
Concen: 0.09 ng
RT: 3.672 min Scan# 70
Delta R.T. 0.023 min
Lab File: BE098738.D
Acq: 20 Feb 2019 13:06

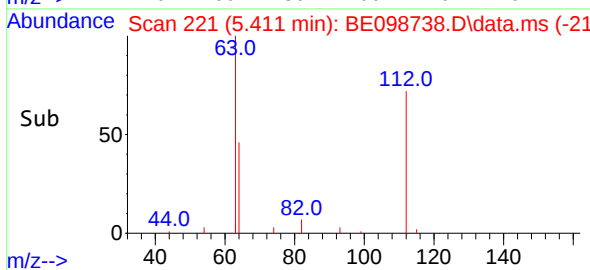
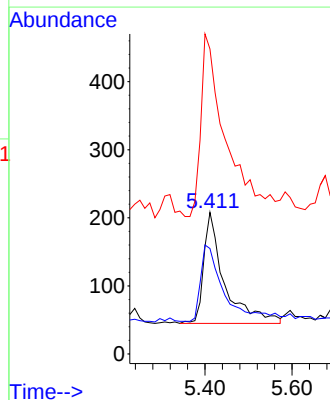
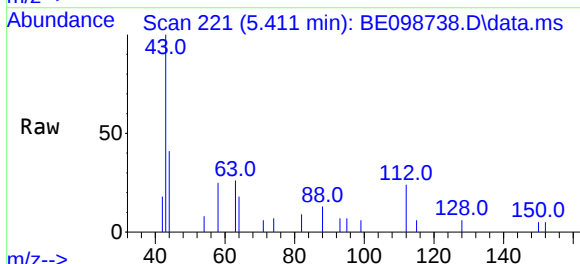
Instrument :
BNA_E
ClientSampled :

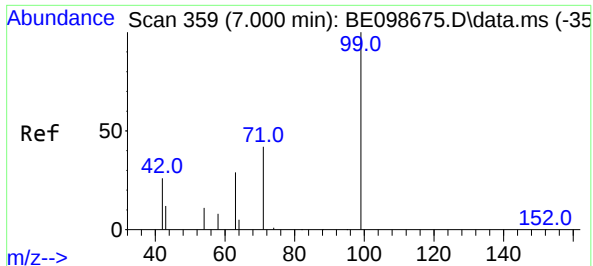
Tgt Ion: 42 Resp: 104
Ion Ratio Lower Upper
42 100
74 0.0 58.9 88.3#
44 73.1 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.411 min Scan# 221
Delta R.T. 0.012 min
Lab File: BE098738.D
Acq: 20 Feb 2019 13:06

Tgt Ion: 112 Resp: 539
Ion Ratio Lower Upper
112 100
64 79.0 62.9 94.3
63 200.7 152.2 228.4

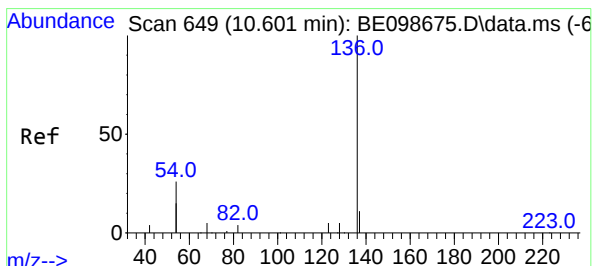
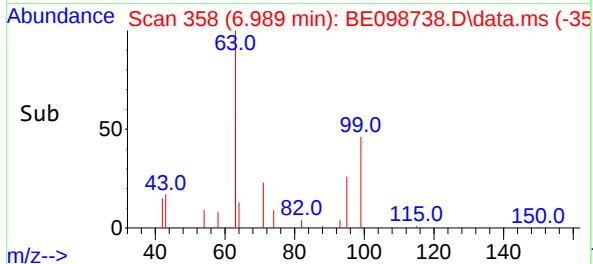
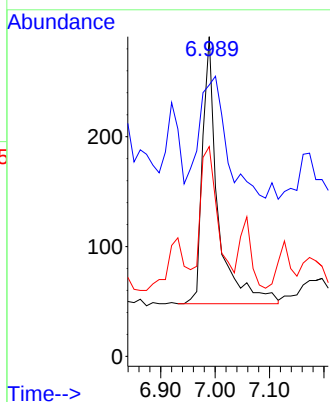
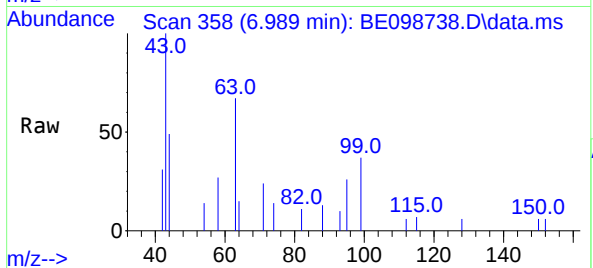




#5
Phenol-d6
Concen: 0.09 ng
RT: 6.989 min Scan# 358
Delta R.T. -0.011 min
Lab File: BE098738.D
Acq: 20 Feb 2019 13:06

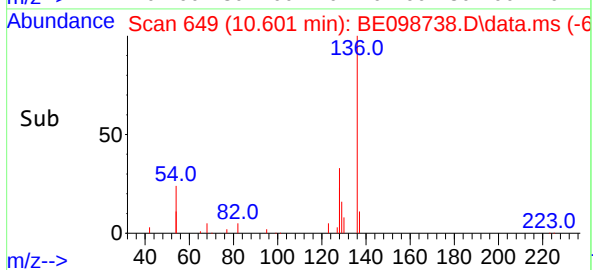
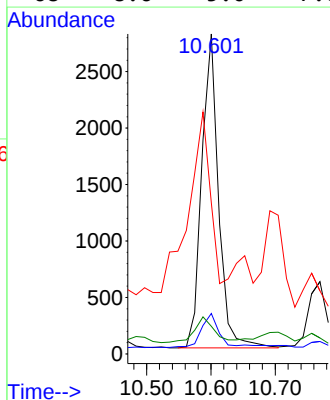
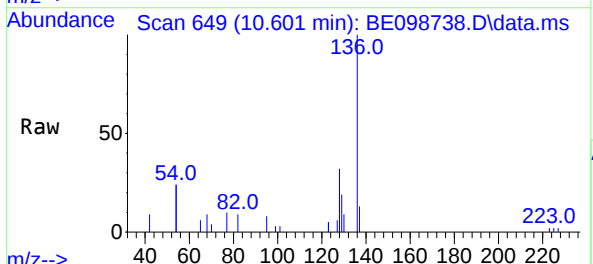
Instrument :
BNA_E
ClientSampled :

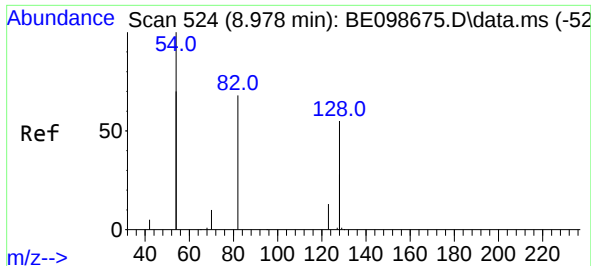
Tgt Ion: 99 Resp: 480
Ion Ratio Lower Upper
99 100
42 79.6 24.6 37.0#
71 47.1 35.1 52.7



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.601 min Scan# 649
Delta R.T. -0.000 min
Lab File: BE098738.D
Acq: 20 Feb 2019 13:06

Tgt Ion: 136 Resp: 5057
Ion Ratio Lower Upper
136 100
137 12.7 9.7 14.5
54 47.2 35.5 53.3
68 8.6 5.0 7.6#

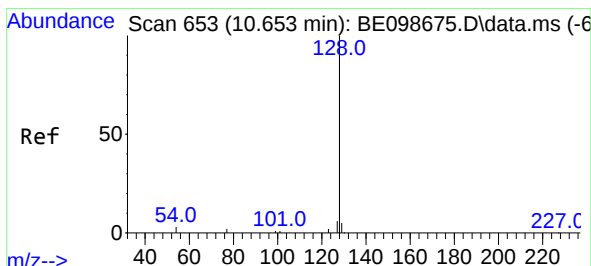
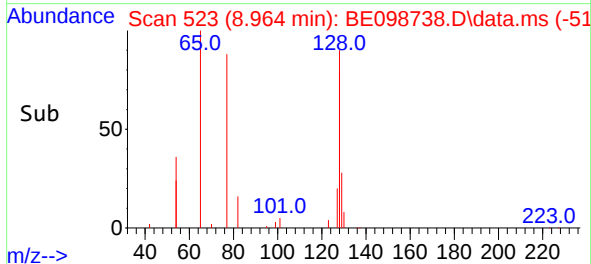
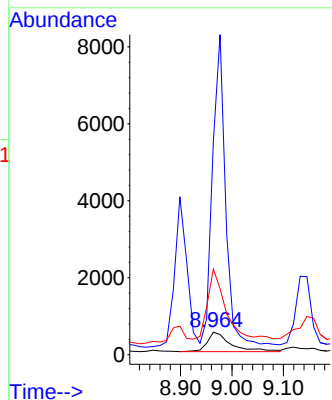
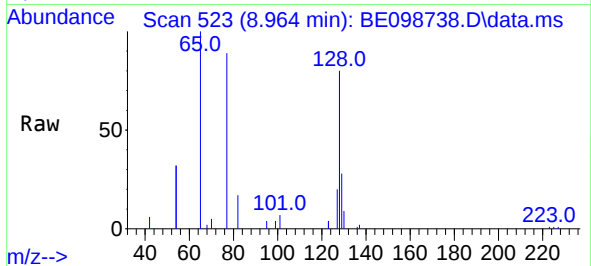




#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.964 min Scan# 523
Delta R.T. -0.014 min
Lab File: BE098738.D
Acq: 20 Feb 2019 13:06

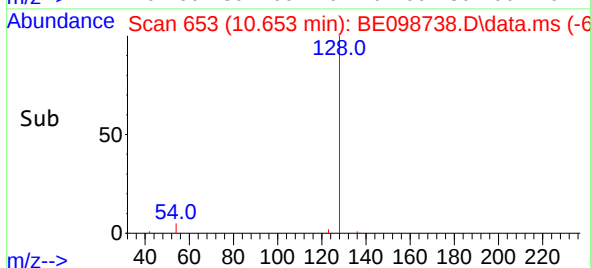
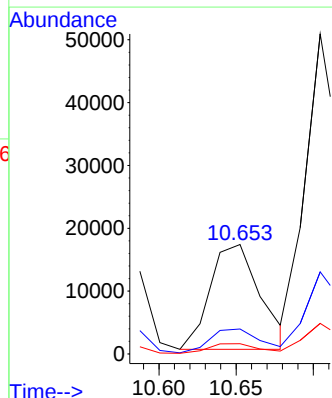
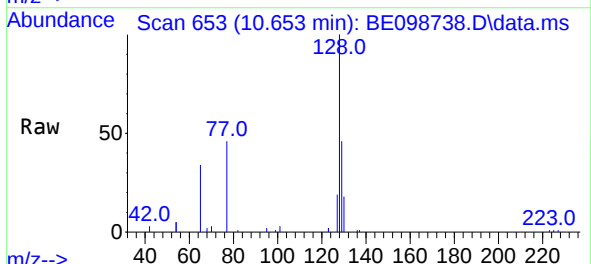
Instrument :
BNA_E
ClientSampled :

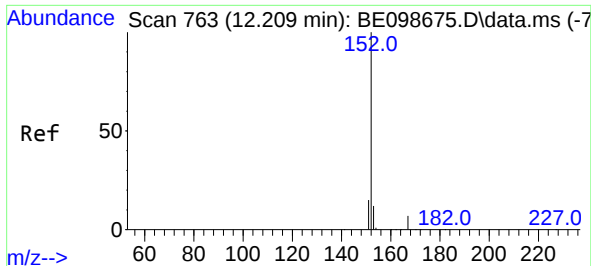
Tgt Ion: 82 Resp: 1615
Ion Ratio Lower Upper
82 100
128 943.9 96.5 144.7#
54 380.2 224.7 337.1#



#9
Naphthalene
Concen: 0.65 ng
RT: 10.653 min Scan# 653
Delta R.T. -0.001 min
Lab File: BE098738.D
Acq: 20 Feb 2019 13:06

Tgt Ion: 128 Resp: 37721
Ion Ratio Lower Upper
128 100
129 22.9 2.6 3.8#
127 9.4 3.0 4.6#

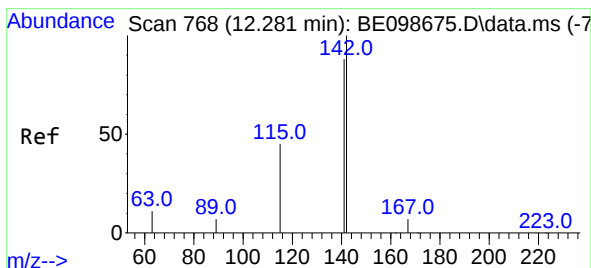
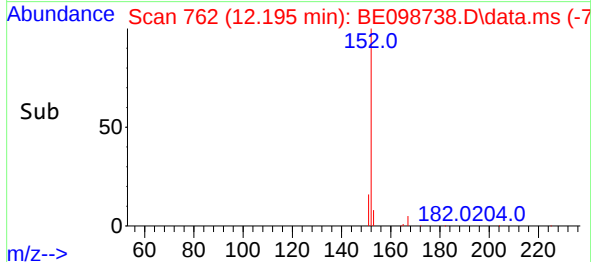
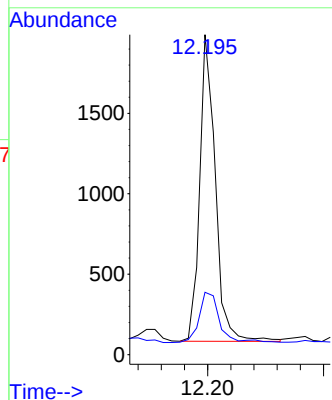
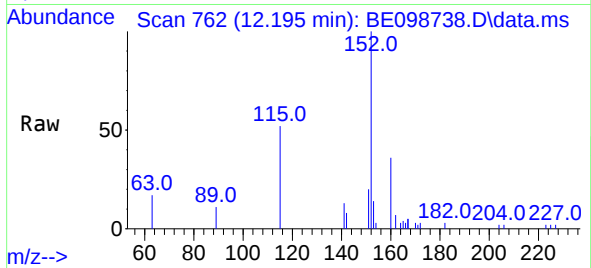




#11
2-Methylnaphthalene-d10
Concen: 0.37 ng
RT: 12.195 min Scan# 762
Delta R.T. -0.014 min
Lab File: BE098738.D
Acq: 20 Feb 2019 13:06

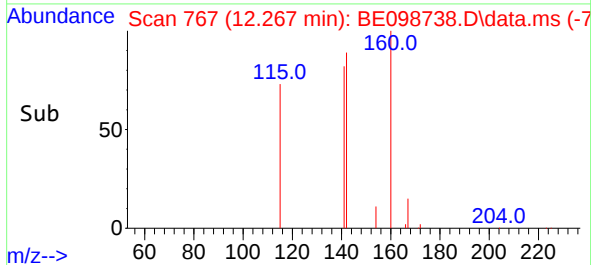
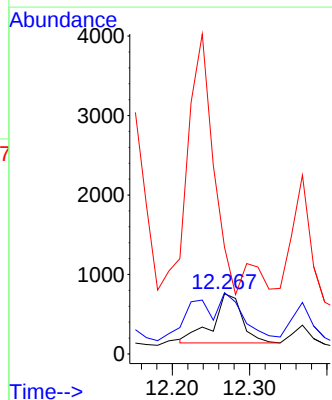
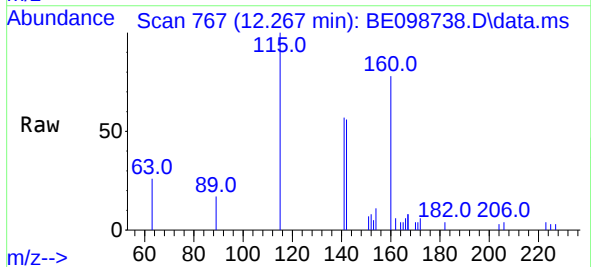
Instrument :
BNA_E
ClientSampled :

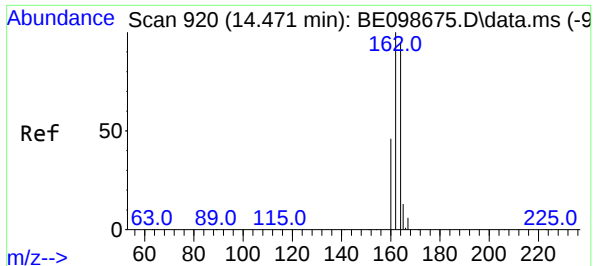
Tgt Ion:152 Resp: 3568
Ion Ratio Lower Upper
152 100
151 21.6 16.2 24.4



#12
2-Methylnaphthalene
Concen: 0.17 ng
RT: 12.267 min Scan# 767
Delta R.T. -0.014 min
Lab File: BE098738.D
Acq: 20 Feb 2019 13:06

Tgt Ion:142 Resp: 1628
Ion Ratio Lower Upper
142 100
141 101.8 70.0 105.0
115 177.3 35.2 52.8#

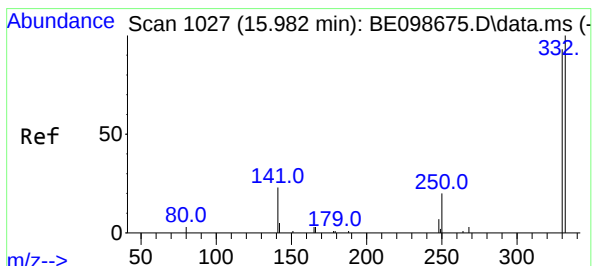
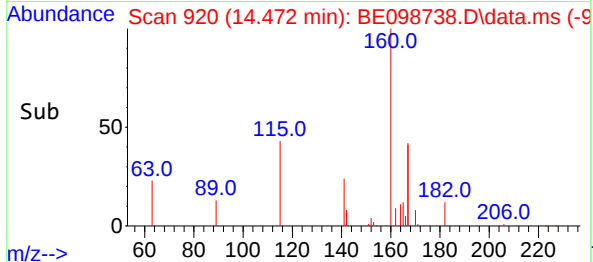
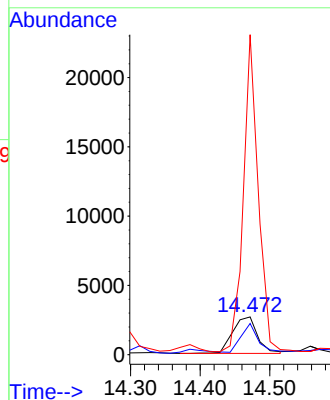
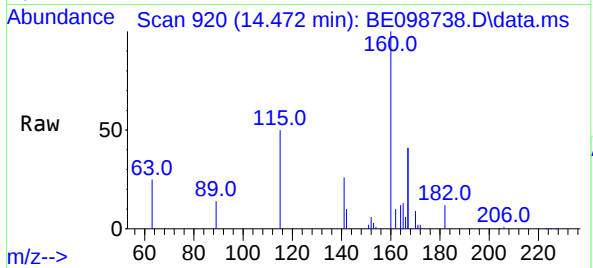




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.472 min Scan# 920
Delta R.T. 0.001 min
Lab File: BE098738.D
Acq: 20 Feb 2019 13:06

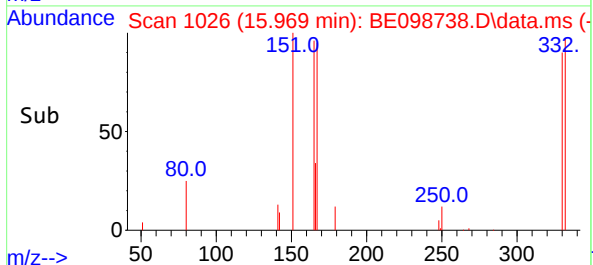
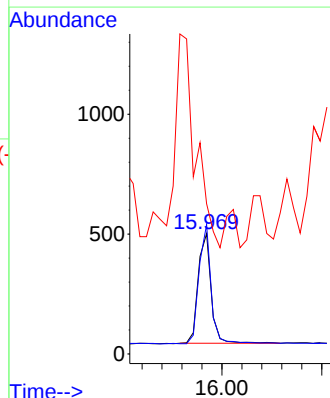
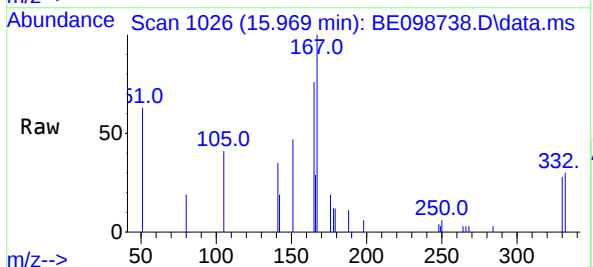
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BNA_E
ClientSampleId :

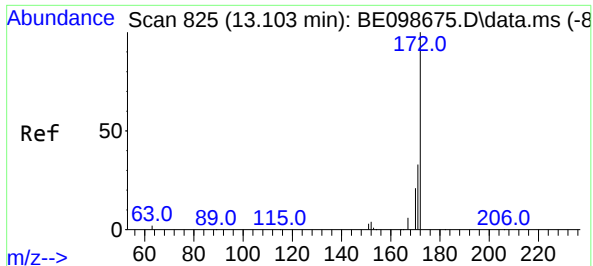
Tgt Ion:164 Resp: 6598
Ion Ratio Lower Upper
164 100
162 82.6 80.5 120.7
160 846.6 40.1 60.1#



#14
2,4,6-Tribromophenol
Concen: 0.28 ng
RT: 15.969 min Scan# 1026
Delta R.T. -0.013 min
Lab File: BE098738.D
Acq: 20 Feb 2019 13:06

Tgt Ion:330 Resp: 820
Ion Ratio Lower Upper
330 100
332 103.9 73.3 109.9
141 0.0 33.1 49.7#



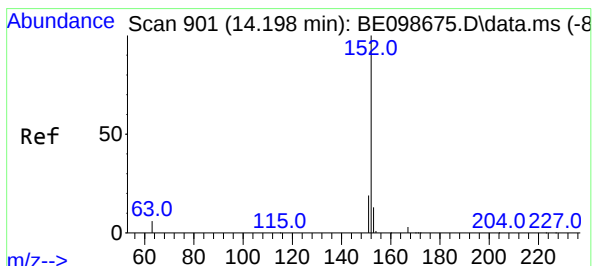
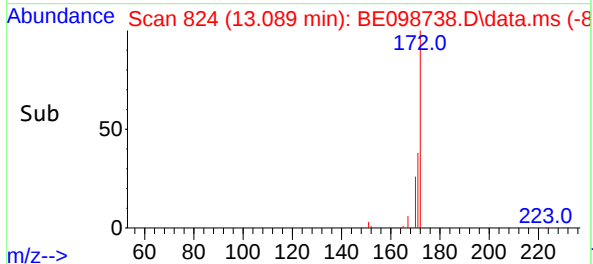
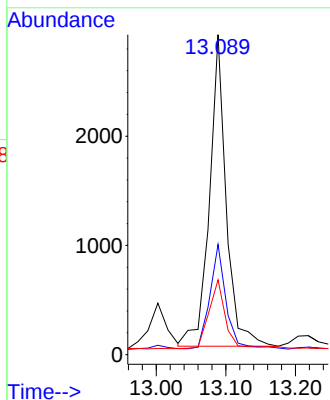
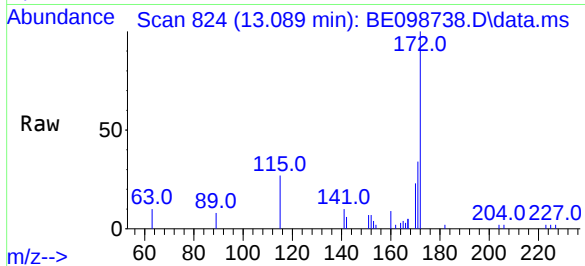


#15
2-Fluorobiphenyl
Concen: 0.17 ng
RT: 13.089 min Scan# 824
Delta R.T. -0.014 min
Lab File: BE098738.D
Acq: 20 Feb 2019 13:06

Instrument :
BNA_E
ClientSampled :

Tgt Ion:172 Resp: 4771

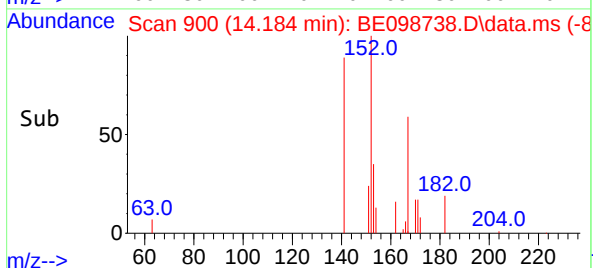
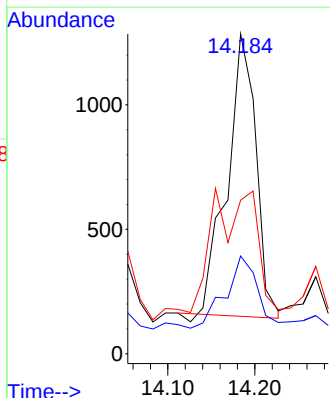
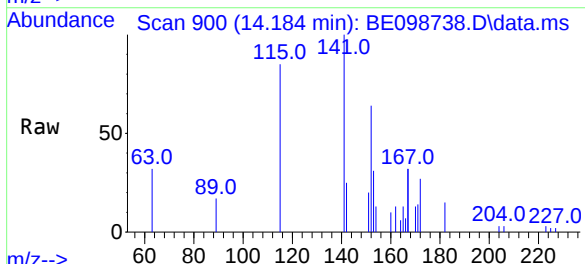
Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.0	43.4
170	23.4	20.8	31.2

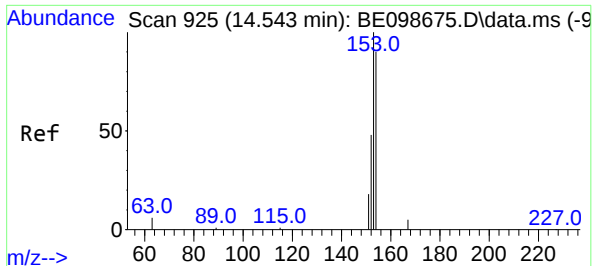


#16
Acenaphthylene
Concen: 0.08 ng
RT: 14.184 min Scan# 900
Delta R.T. -0.014 min
Lab File: BE098738.D
Acq: 20 Feb 2019 13:06

Tgt Ion:152 Resp: 2587

Ion	Ratio	Lower	Upper
152	100		
151	29.7	16.3	24.5#
153	0.0	10.7	16.1#

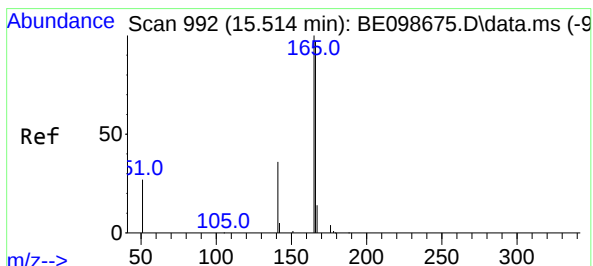
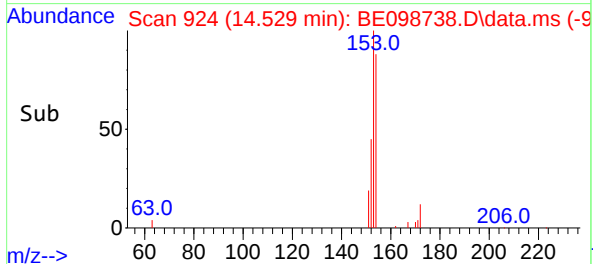
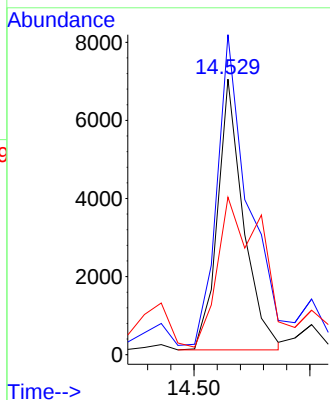
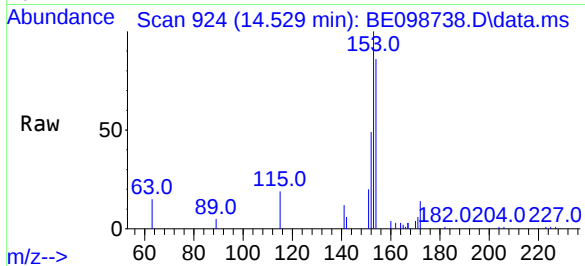




#17
Acenaphthene
Concen: 0.54 ng
RT: 14.529 min Scan# 924
Delta R.T. -0.014 min
Lab File: BE098738.D
Acq: 20 Feb 2019 13:06

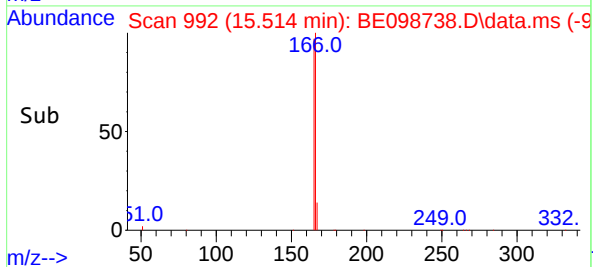
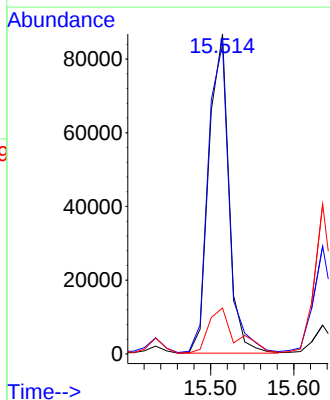
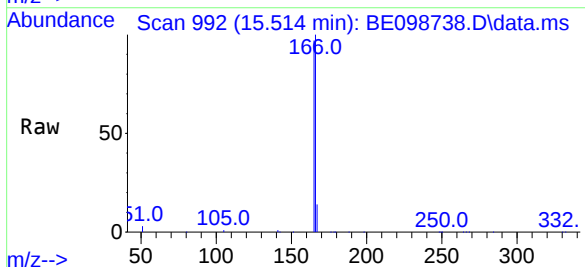
Instrument :
BNA_E
ClientSampled :

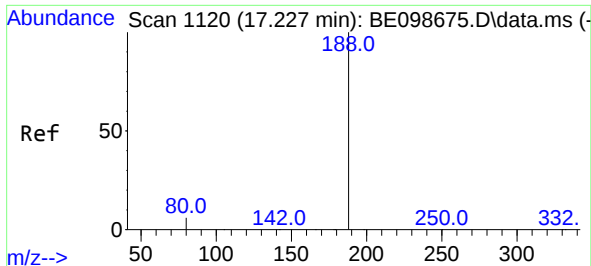
Tgt Ion:154 Resp: 10776
Ion Ratio Lower Upper
154 100
153 143.2 93.9 140.9#
152 96.3 45.8 68.8#



#18
Fluorene
Concen: 5.29 ng
RT: 15.514 min Scan# 992
Delta R.T. 0.000 min
Lab File: BE098738.D
Acq: 20 Feb 2019 13:06

Tgt Ion:166 Resp: 144539
Ion Ratio Lower Upper
166 100
165 101.6 79.3 118.9
167 19.1 10.6 15.8#

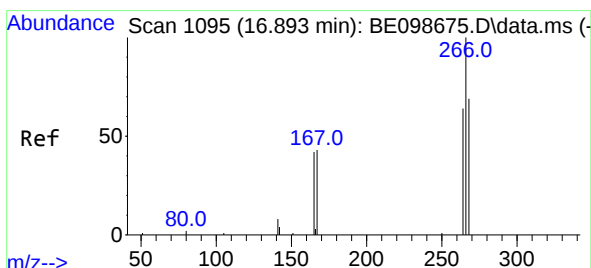
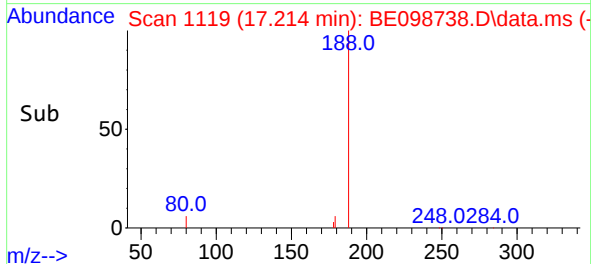
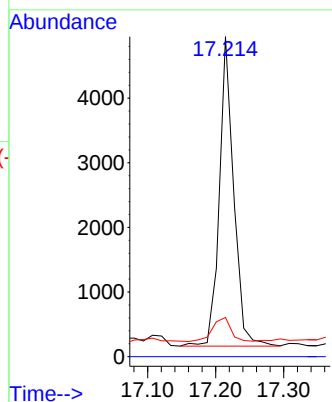
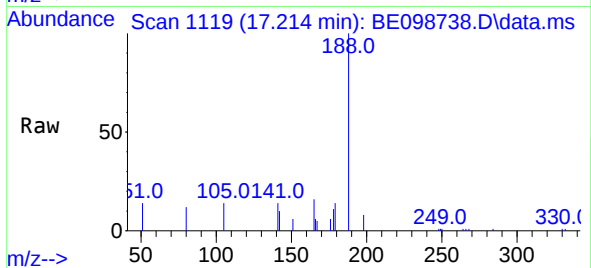




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.214 min Scan# 1119
Delta R.T. -0.013 min
Lab File: BE098738.D
Acq: 20 Feb 2019 13:06

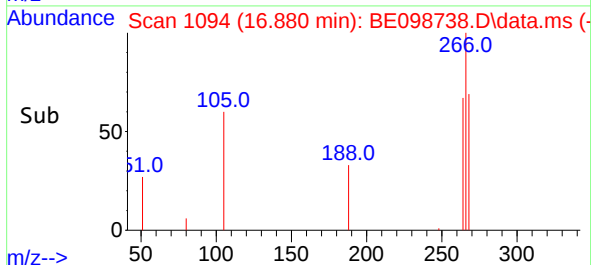
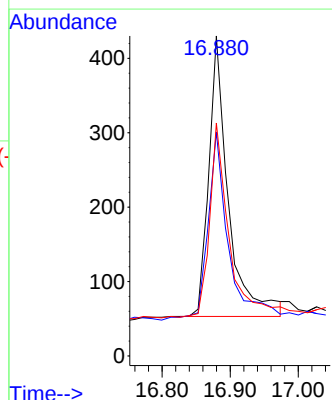
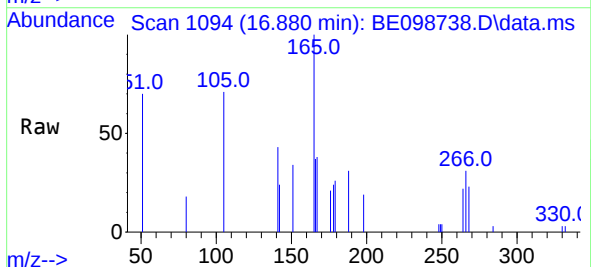
Instrument :
BNA_E
ClientSampled :

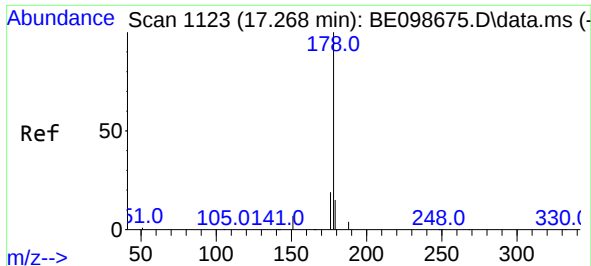
Tgt Ion:188	Resp:	7014
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	12.2	4.7



#22
Pentachlorophenol
Concen: 0.60 ng
RT: 16.880 min Scan# 1094
Delta R.T. -0.013 min
Lab File: BE098738.D
Acq: 20 Feb 2019 13:06

Tgt Ion:266	Resp:	752
Ion Ratio	Lower	Upper
266	100	
264	70.0	53.7
268	72.8	59.8

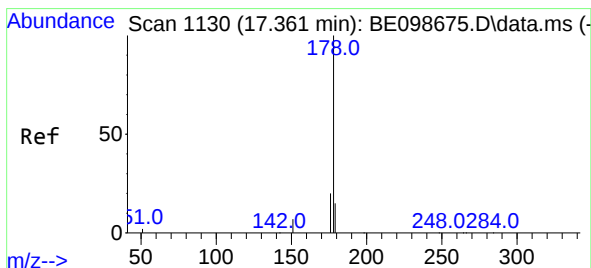
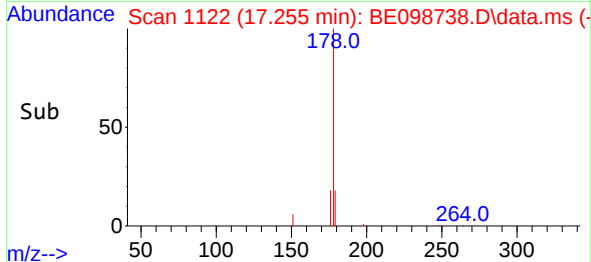
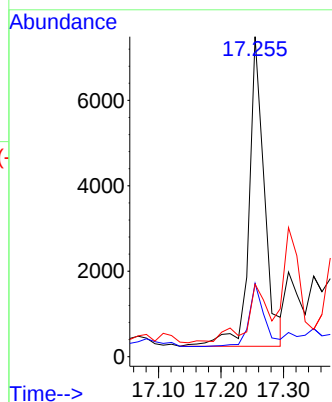
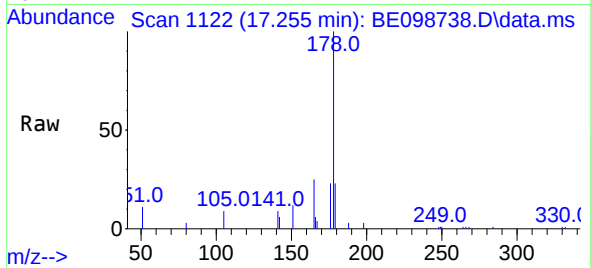




#23
Phenanthrene
Concen: 0.64 ng
RT: 17.255 min Scan# 1122
Delta R.T. -0.013 min
Lab File: BE098738.D
Acq: 20 Feb 2019 13:06

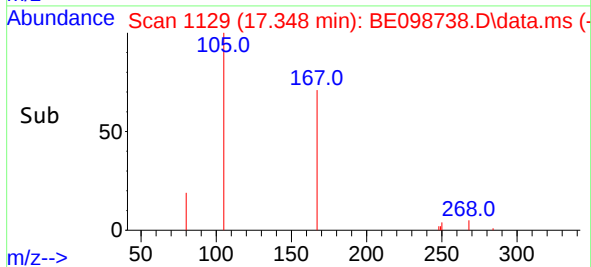
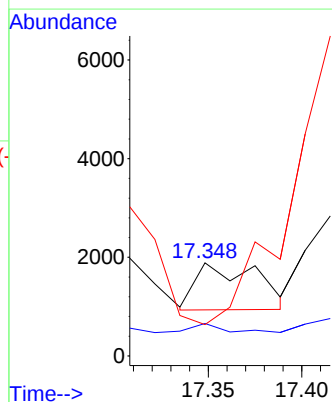
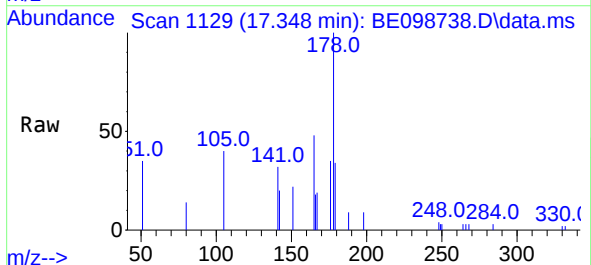
Instrument :
BNA_E
ClientSampleId :

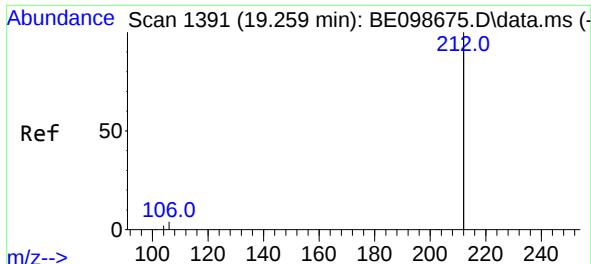
Tgt Ion:178 Resp: 12433
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 26.1 12.2 18.4#



#24
Anthracene
Concen: 0.18 ng
RT: 17.348 min Scan# 1129
Delta R.T. -0.013 min
Lab File: BE098738.D
Acq: 20 Feb 2019 13:06

Tgt Ion:178 Resp: 2153
Ion Ratio Lower Upper
178 100
176 33.6 14.9 22.3#
179 0.0 11.8 17.8#

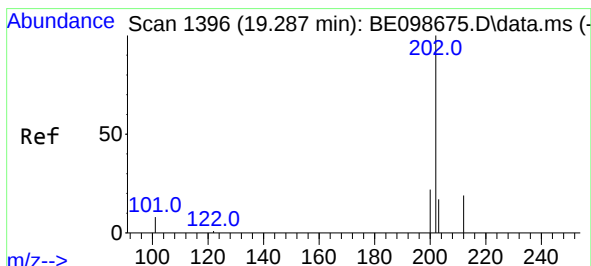
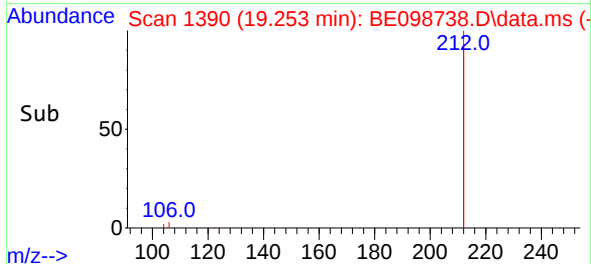
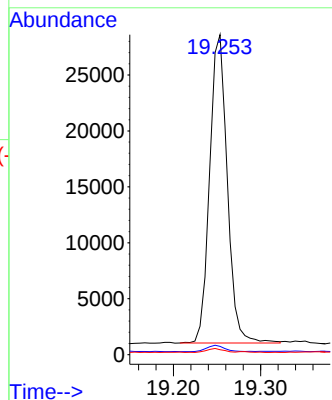
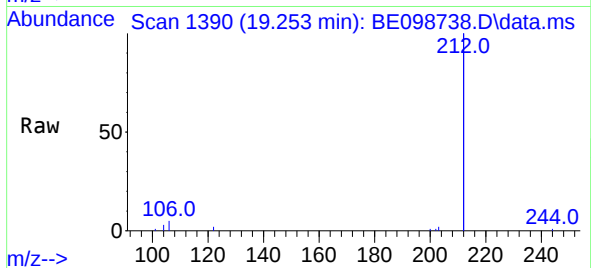




#25
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.253 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BE098738.D
Acq: 20 Feb 2019 13:06

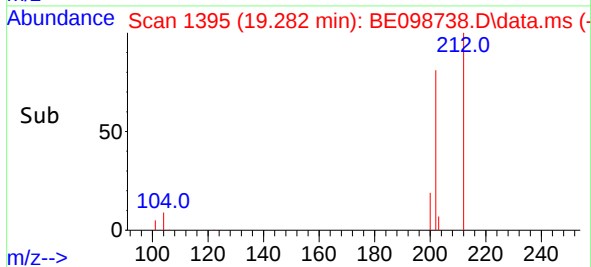
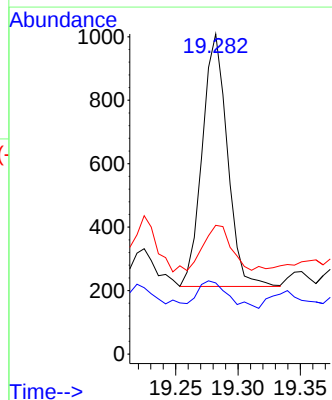
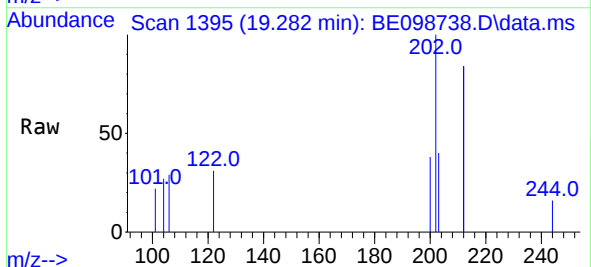
Instrument :
BNA_E
ClientSampled :

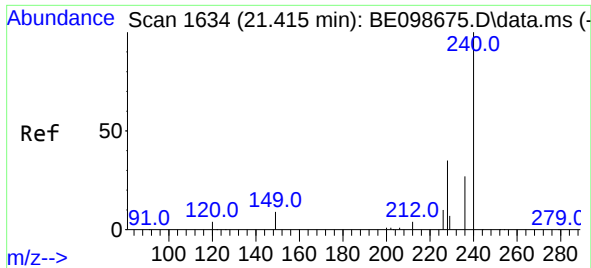
Tgt Ion:212 Resp: 38714
Ion Ratio Lower Upper
212 100
106 2.1 1.7 2.5
104 1.2 1.0 1.6



#26
Fluoranthene
Concen: 0.04 ng
RT: 19.282 min Scan# 1395
Delta R.T. -0.005 min
Lab File: BE098738.D
Acq: 20 Feb 2019 13:06

Tgt Ion:202 Resp: 1115
Ion Ratio Lower Upper
202 100
101 12.7 6.7 10.1#
203 19.3 13.3 19.9

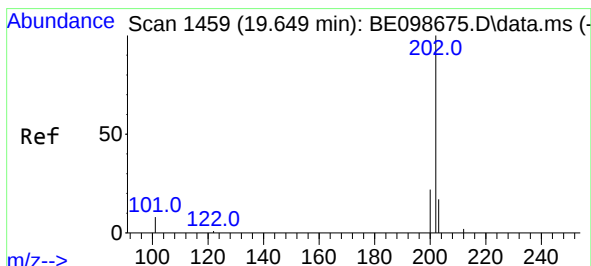
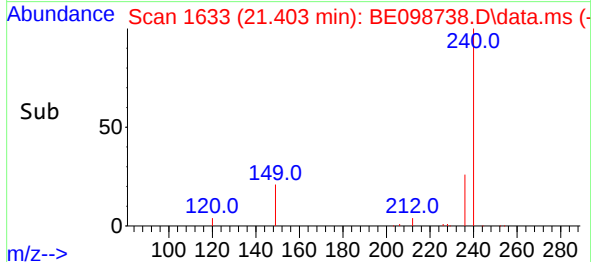
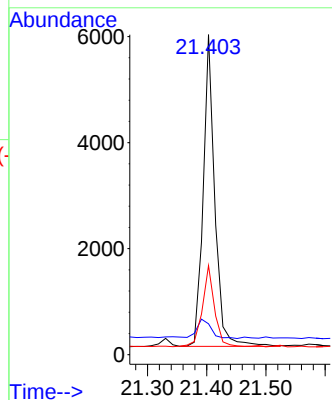
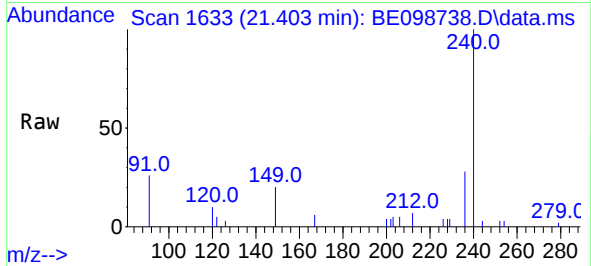




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.403 min Scan# 1633
Delta R.T. -0.012 min
Lab File: BE098738.D
Acq: 20 Feb 2019 13:06

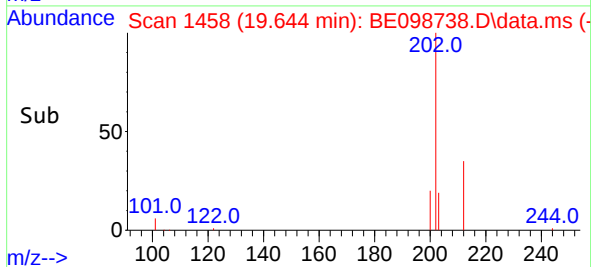
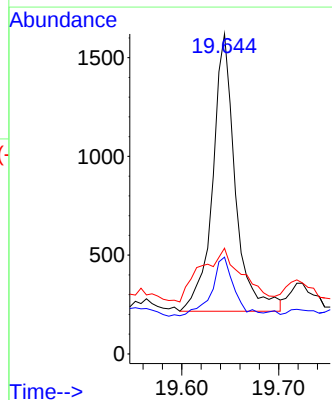
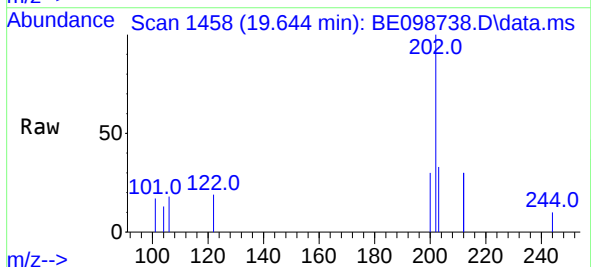
Instrument :
BNA_E
ClientSampled :

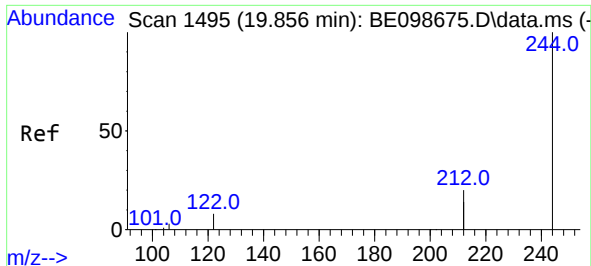
Tgt Ion:240 Resp: 8033
Ion Ratio Lower Upper
240 100
120 9.7 4.7 7.1#
236 27.9 21.9 32.9



#28
Pyrene
Concen: 0.09 ng
RT: 19.644 min Scan# 1458
Delta R.T. -0.005 min
Lab File: BE098738.D
Acq: 20 Feb 2019 13:06

Tgt Ion:202 Resp: 2275
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.6
203 33.3 13.8 20.8#

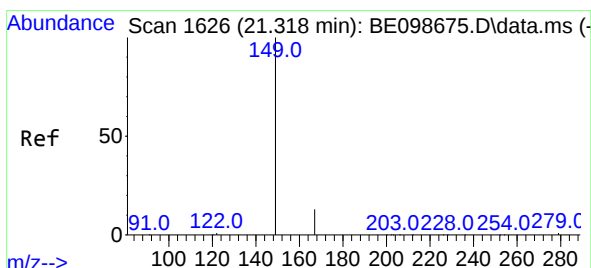
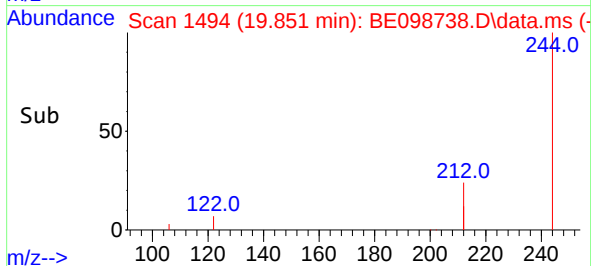
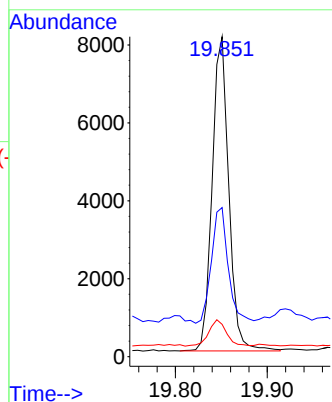
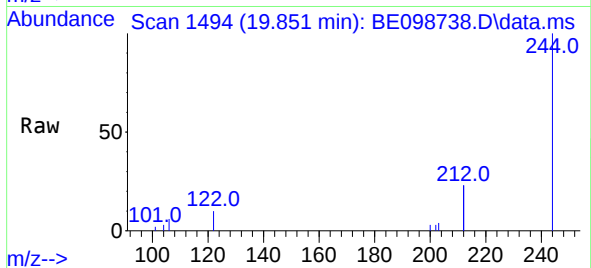




#29
Terphenyl-d14
Concen: 0.51 ng
RT: 19.851 min Scan# 1494
Delta R.T. -0.005 min
Lab File: BE098738.D
Acq: 20 Feb 2019 13:06

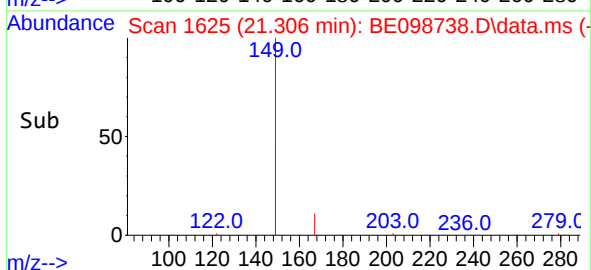
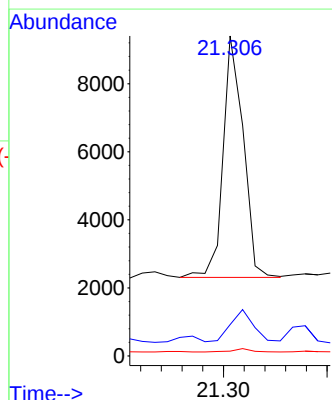
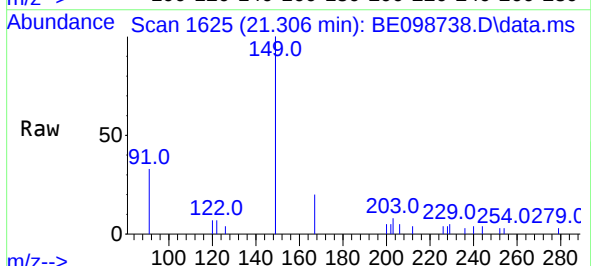
Instrument :
BNA_E
ClientSampled :

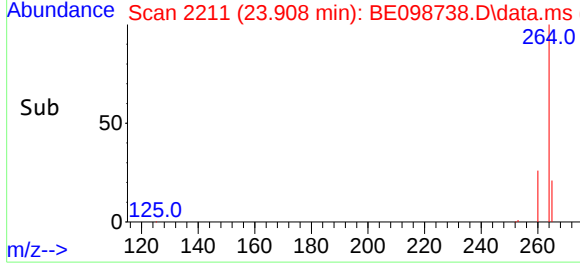
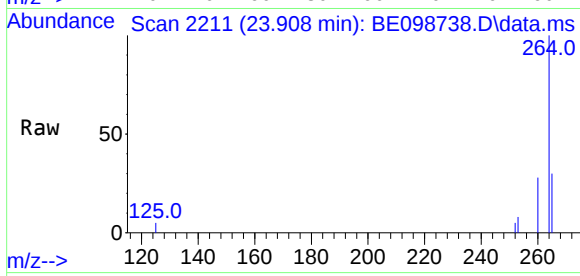
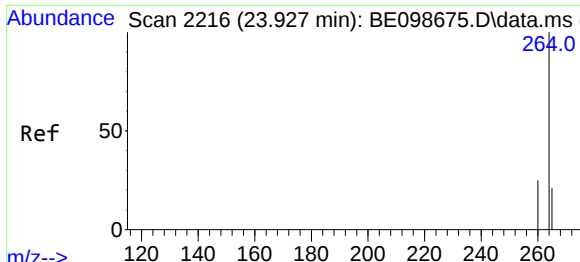
Tgt Ion:244 Resp: 10125
Ion Ratio Lower Upper
244 100
212 46.6 29.4 44.2#
122 10.1 7.1 10.7



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.21 ng
RT: 21.306 min Scan# 1625
Delta R.T. -0.012 min
Lab File: BE098738.D
Acq: 20 Feb 2019 13:06

Tgt Ion:149 Resp: 9587
Ion Ratio Lower Upper
149 100
167 16.0 5.4 8.2#
279 1.3 1.0 1.4

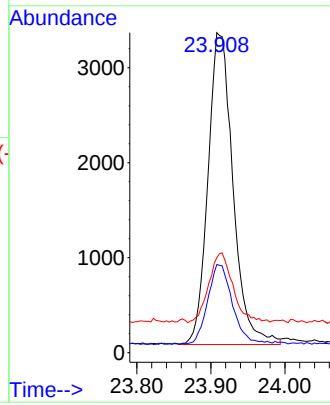




#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.908 min Scan# 2211
 Delta R.T. -0.019 min
 Lab File: BE098738.D
 Acq: 20 Feb 2019 13:06

Tgt Ion:264 Resp: 7724

Ion	Ratio	Lower	Upper
264	100		
260	27.5	20.5	30.7
265	29.7	22.3	33.5



Instrument :
 BNA_E
 ClientSampleId :