

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022019\
 Data File : BE098744.D
 Acq On : 20 Feb 2019 16:49
 Operator : JU/SJ
 Sample : K1528-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 20 18:03:40 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)

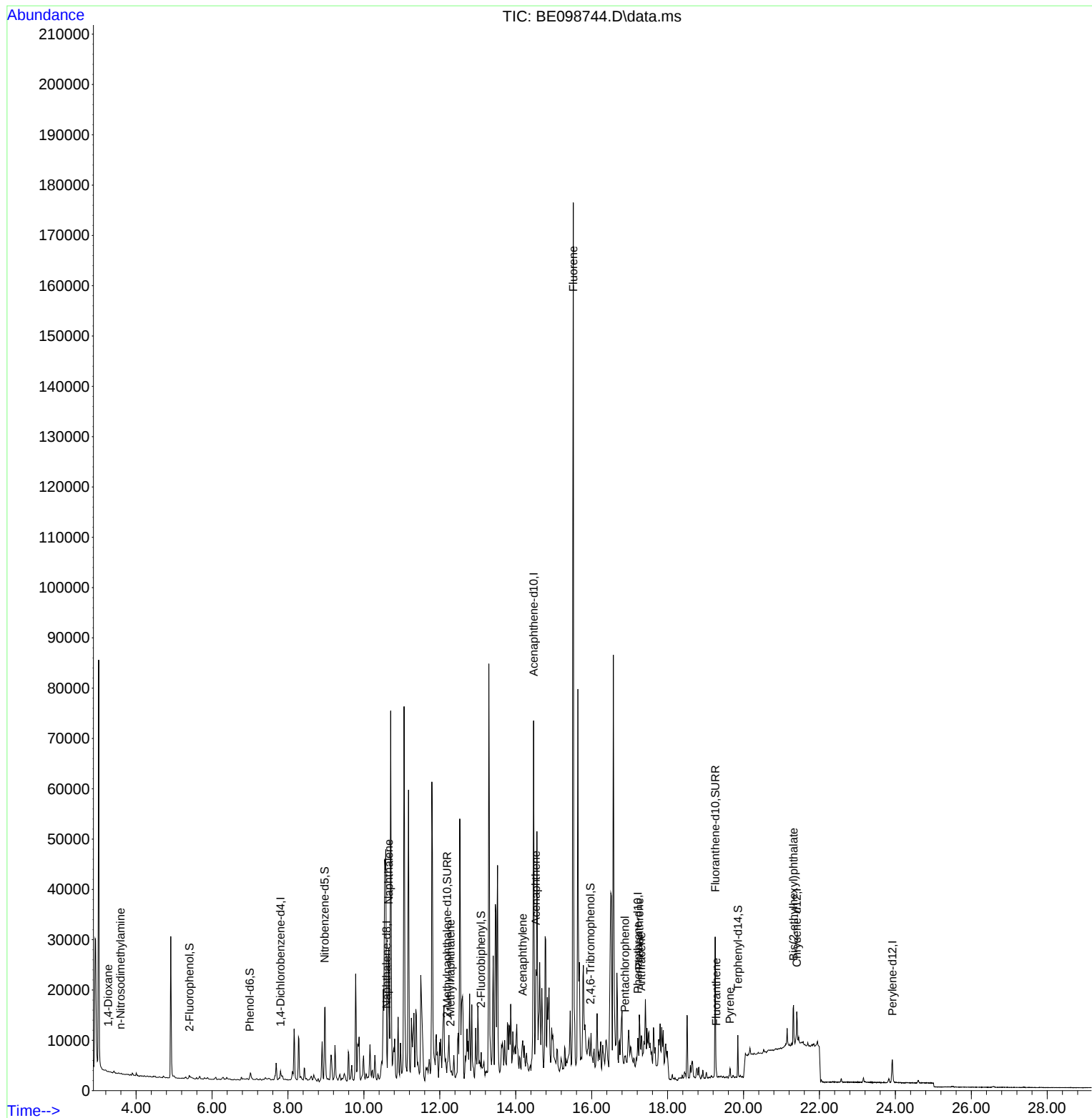
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	935	0.40	ng	0.00
7) Naphthalene-d8	10.602	136	4246	0.40	ng	# 0.00
13) Acenaphthene-d10	14.472	164	5718	0.40	ng	# 0.00
19) Phenanthrene-d10	17.214	188	6164	0.40	ng	#-0.01
27) Chrysene-d12	21.403	240	7350	0.40	ng	#-0.01
34) Perylene-d12	23.920	264	6977	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.409	112	494	0.18	ng	0.00
5) Phenol-d6	6.998	99	453	0.11	ng	0.00
8) Nitrobenzene-d5	8.965	82	1493	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	12.195	152	3086	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	15.969	330	668	0.26	ng	-0.01
15) 2-Fluorobiphenyl	13.088	172	4251	0.17	ng	-0.01
25) Fluoranthene-d10	19.253	212	34558	0.39	ng	0.00
29) Terphenyl-d14	19.851	244	7299	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.266	88	194	0.02	ng	# 41
3) n-Nitrosodimethylamine	3.589	42	23	0.06	ng	# 79
9) Naphthalene	10.654	128	31129	0.64	ng	# 65
12) 2-Methylnaphthalene	12.282	142	1427	0.18	ng	# 63
16) Acenaphthylene	14.183	152	2099	0.07	ng	# 78
17) Acenaphthene	14.529	154	8794	0.51	ng	# 62
18) Fluorene	15.514	166	120295	5.08	ng	# 95
22) Pentachlorophenol	16.880	266	31	0.03	ng	# 73
23) Phenanthrene	17.254	178	10917	0.64	ng	# 87
24) Anthracene	17.308	178	1252	0.14	ng	# 1
26) Fluoranthene	19.282	202	911	0.04	ng	# 82
28) Pyrene	19.644	202	1950	0.08	ng	# 75
32) Bis(2-ethylhexyl)phtha...	21.318	149	11185	0.27	ng	# 85

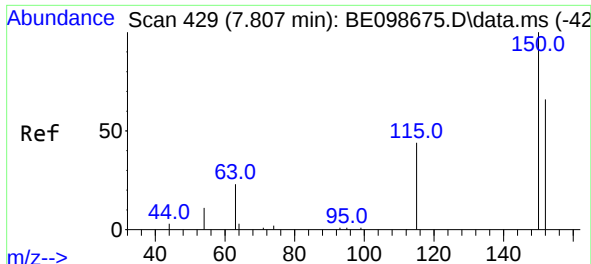
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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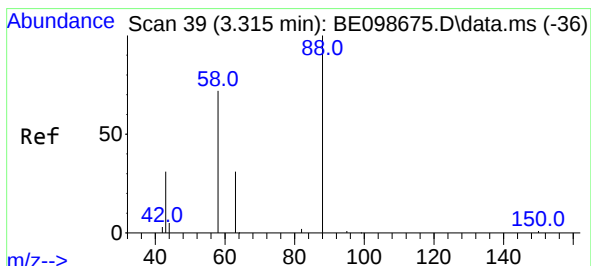
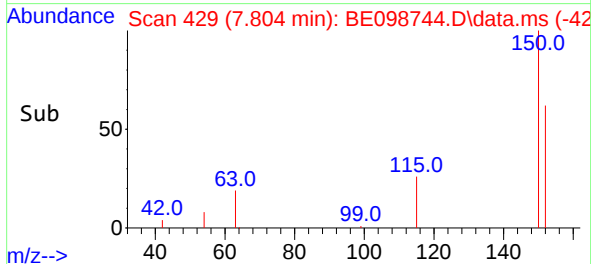
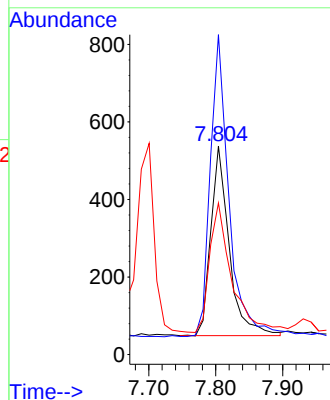
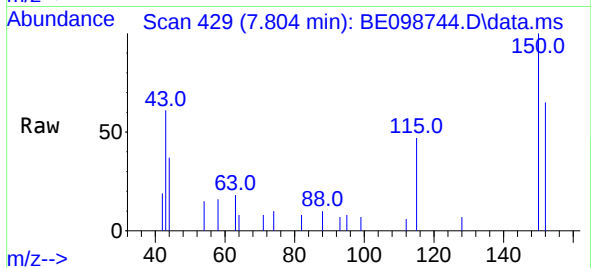




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.804 min Scan# 429
 Delta R.T. -0.003 min
 Lab File: BE098744.D
 Acq: 20 Feb 2019 16:49

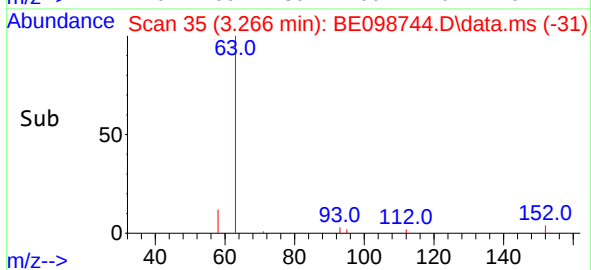
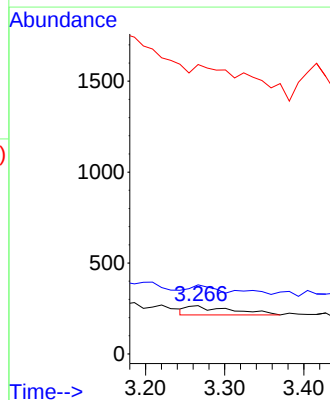
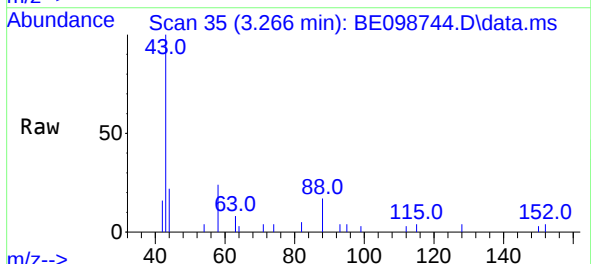
Instrument :
 BNA_E
 ClientSampled :

Tgt Ion:152 Resp: 935
 Ion Ratio Lower Upper
 152 100
 150 153.3 121.4 182.2
 115 72.7 59.1 88.7

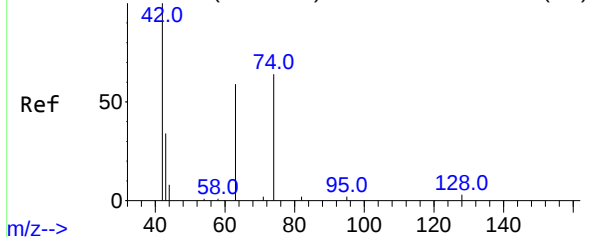


#2
 1,4-Dioxane
 Concen: 0.02 ng
 RT: 3.266 min Scan# 35
 Delta R.T. -0.049 min
 Lab File: BE098744.D
 Acq: 20 Feb 2019 16:49

Tgt Ion: 88 Resp: 194
 Ion Ratio Lower Upper
 88 100
 58 45.4 73.9 110.9#
 43 0.0 43.7 65.5#



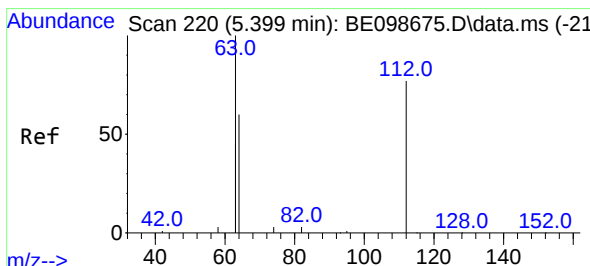
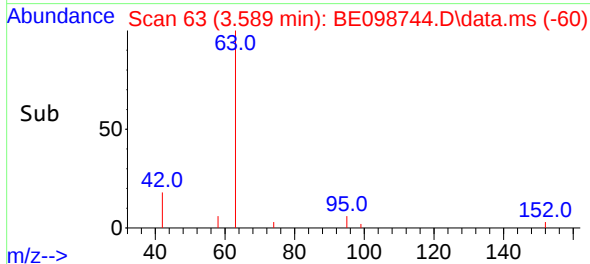
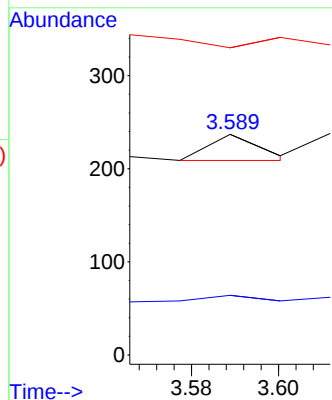
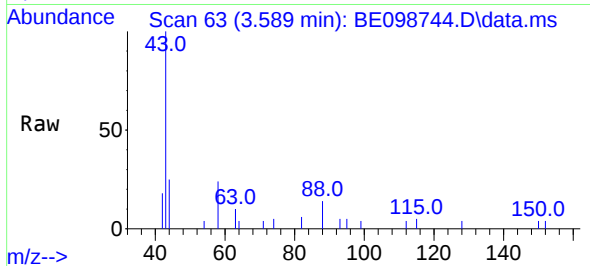
Abundance Scan 68 (3.649 min): BE098675.D\data.ms (-65)



#3
n-Nitrosodimethylamine
Concen: 0.06 ng
RT: 3.589 min Scan# 63
Delta R.T. -0.060 min
Lab File: BE098744.D
Acq: 20 Feb 2019 16:49

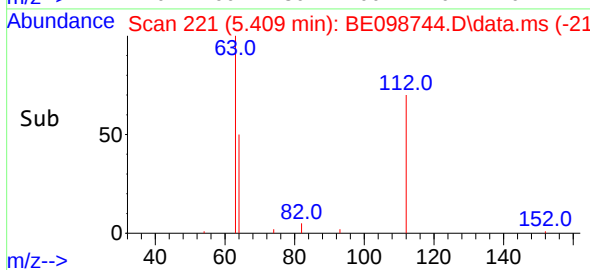
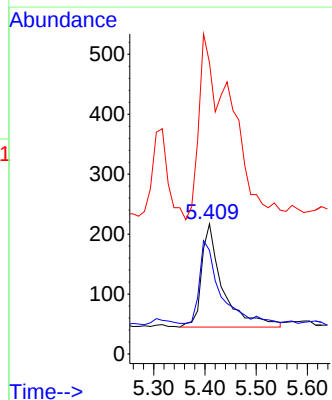
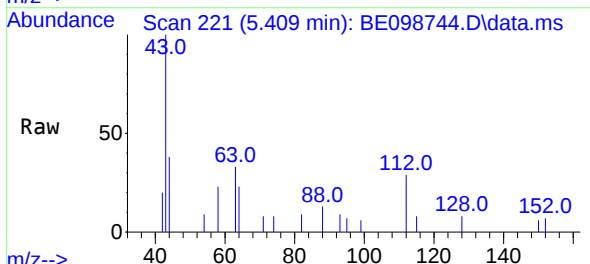
Tgt Ion: 42 Resp: 23
Ion Ratio Lower Upper
42 100
74 91.3 58.9 88.3#
44 0.0 0.0 0.0

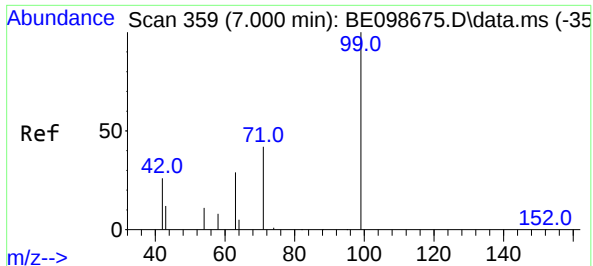
Instrument :
BNA_E
ClientSampled :



#4
2-Fluorophenol
Concen: 0.18 ng
RT: 5.409 min Scan# 221
Delta R.T. 0.010 min
Lab File: BE098744.D
Acq: 20 Feb 2019 16:49

Tgt Ion: 112 Resp: 494
Ion Ratio Lower Upper
112 100
64 79.4 62.9 94.3
63 155.9 152.2 228.4

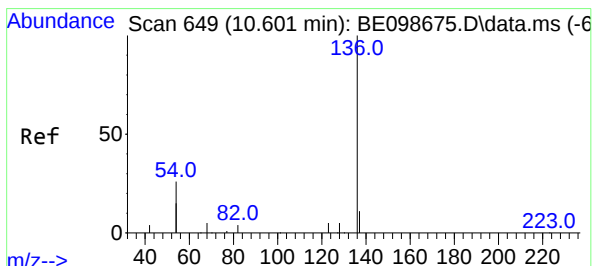
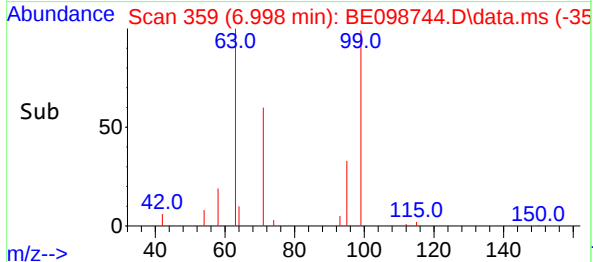
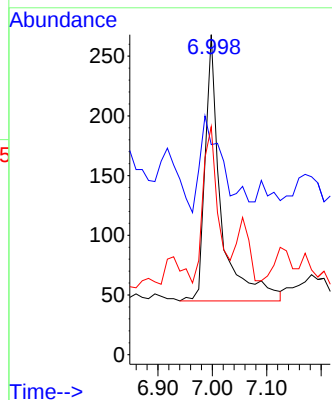
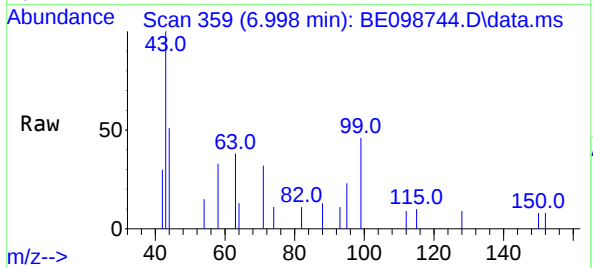




#5
Phenol-d6
Concen: 0.11 ng
RT: 6.998 min Scan# 359
Delta R.T. -0.002 min
Lab File: BE098744.D
Acq: 20 Feb 2019 16:49

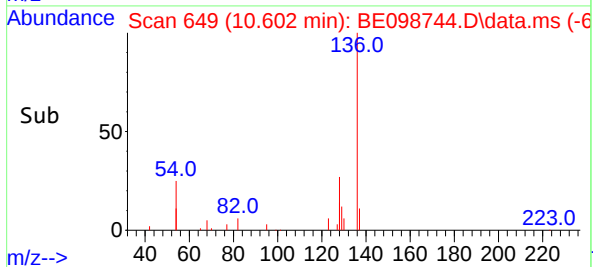
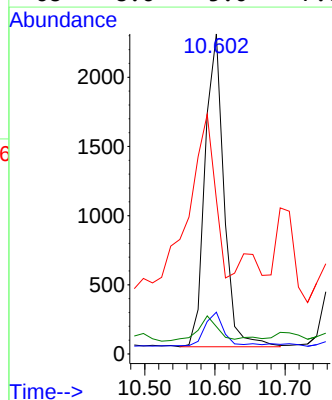
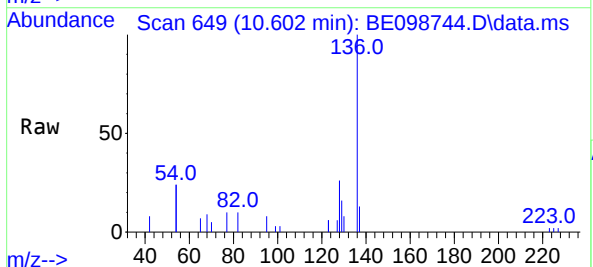
Instrument :
BNA_E
ClientSampled :

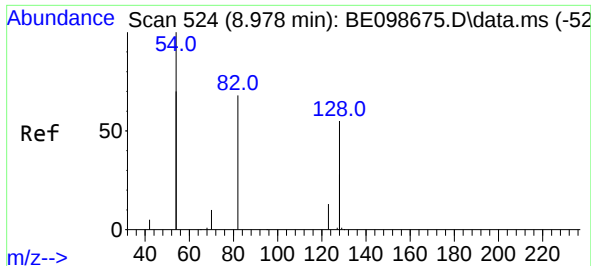
Tgt Ion: 99 Resp: 453
Ion Ratio Lower Upper
99 100
42 51.2 24.6 37.0#
71 55.0 35.1 52.7#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.602 min Scan# 649
Delta R.T. 0.001 min
Lab File: BE098744.D
Acq: 20 Feb 2019 16:49

Tgt Ion:136 Resp: 4246
Ion Ratio Lower Upper
136 100
137 13.1 9.7 14.5
54 48.3 35.5 53.3
68 8.6 5.0 7.6#

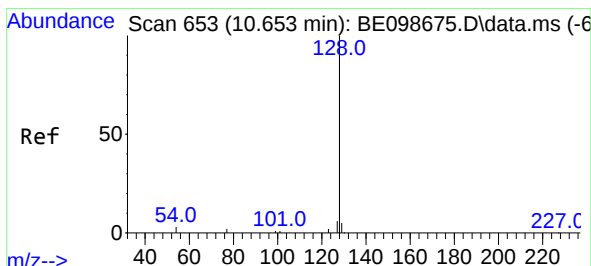
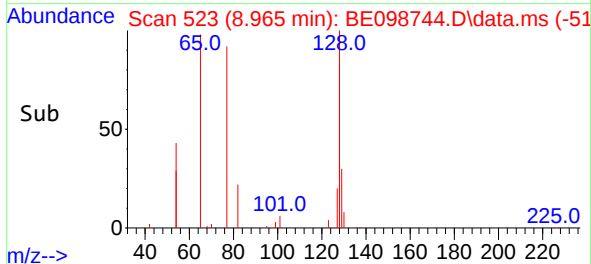
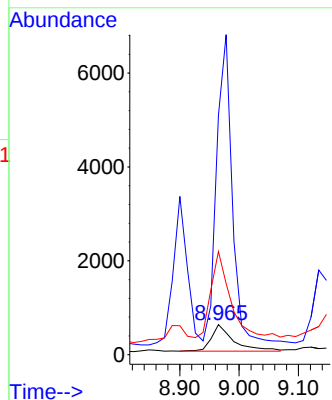
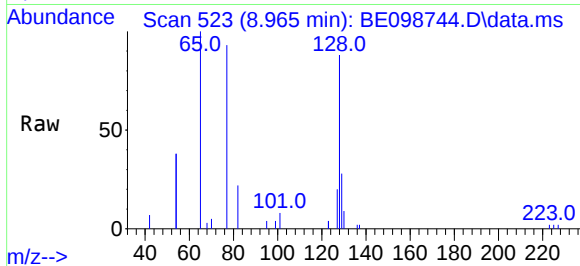




#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.965 min Scan# 523
Delta R.T. -0.013 min
Lab File: BE098744.D
Acq: 20 Feb 2019 16:49

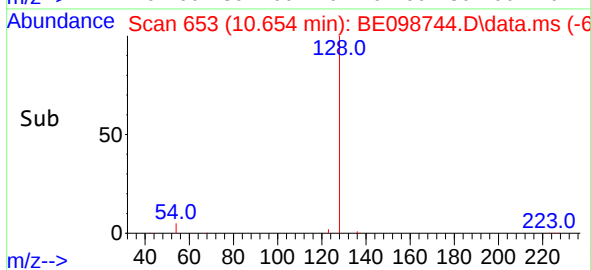
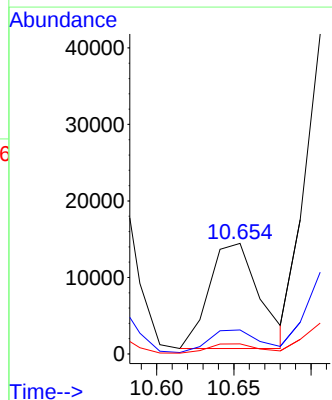
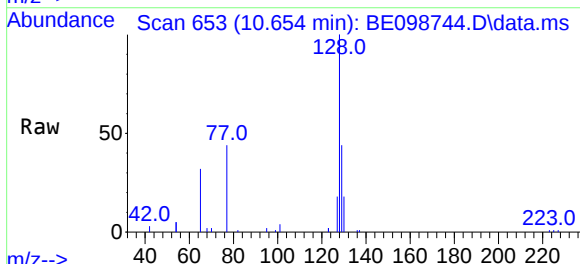
Instrument :
BNA_E
ClientSampleId :

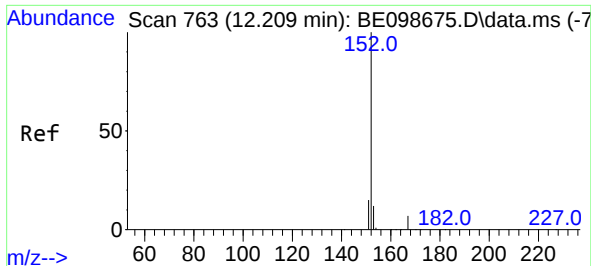
Tgt Ion: 82 Resp: 1493
Ion Ratio Lower Upper
82 100
128 795.0 96.5 144.7#
54 342.9 224.7 337.1#



#9
Naphthalene
Concen: 0.64 ng
RT: 10.654 min Scan# 653
Delta R.T. 0.001 min
Lab File: BE098744.D
Acq: 20 Feb 2019 16:49

Tgt Ion: 128 Resp: 31129
Ion Ratio Lower Upper
128 100
129 21.8 2.6 3.8#
127 9.2 3.0 4.6#

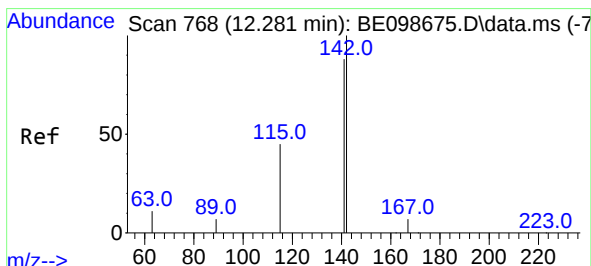
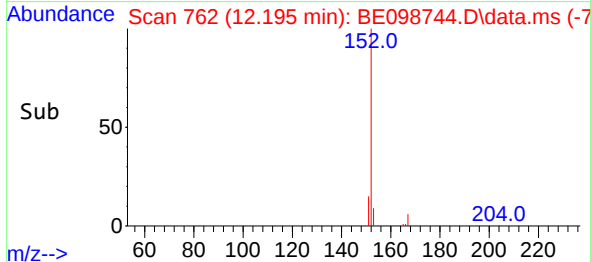
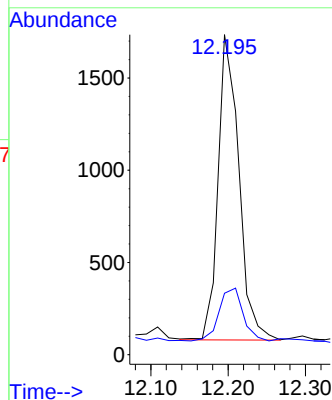
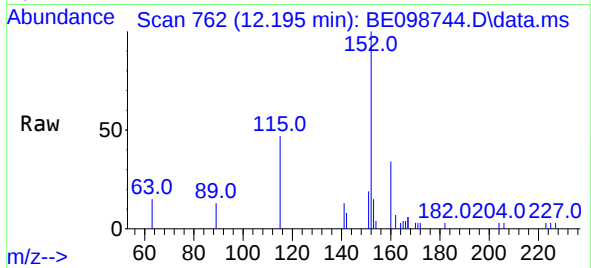




#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.195 min Scan# 762
Delta R.T. -0.014 min
Lab File: BE098744.D
Acq: 20 Feb 2019 16:49

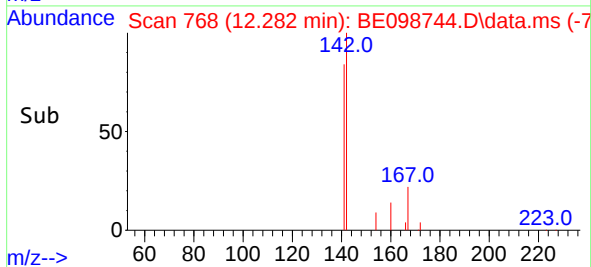
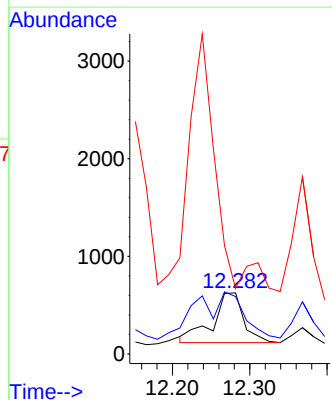
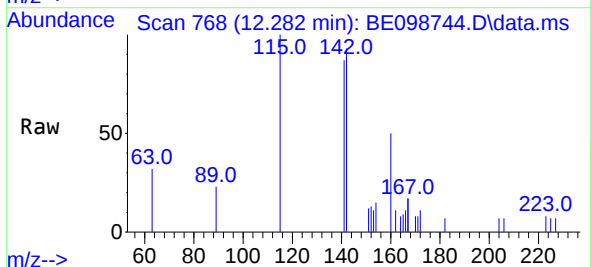
Instrument :
BNA_E
ClientSampleId :

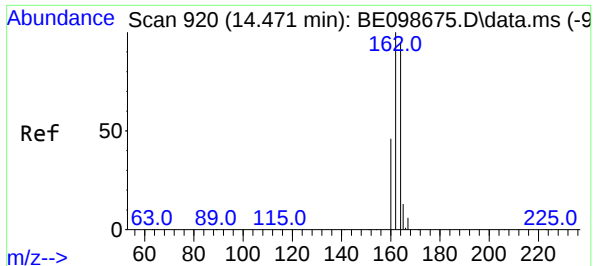
Tgt Ion:152 Resp: 3086
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4



#12
2-Methylnaphthalene
Concen: 0.18 ng
RT: 12.282 min Scan# 768
Delta R.T. 0.001 min
Lab File: BE098744.D
Acq: 20 Feb 2019 16:49

Tgt Ion:142 Resp: 1427
Ion Ratio Lower Upper
142 100
141 93.9 70.0 105.0
115 107.5 35.2 52.8#

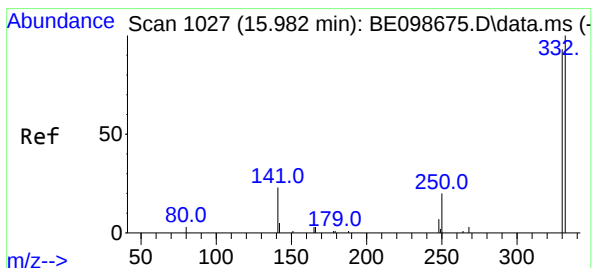
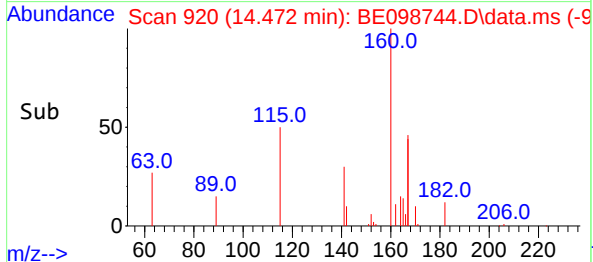
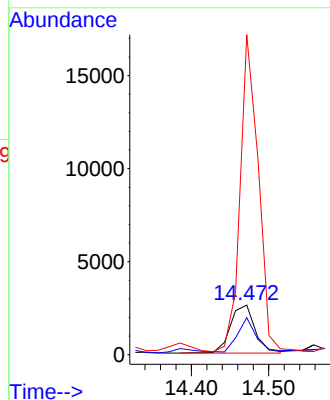
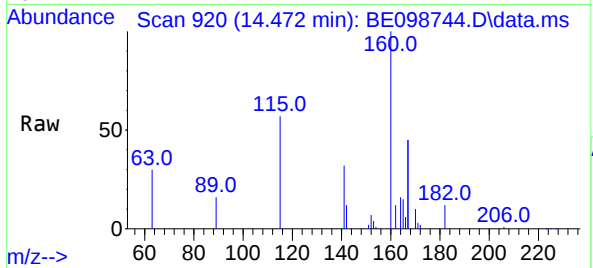




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.472 min Scan# 920
Delta R.T. 0.001 min
Lab File: BE098744.D
Acq: 20 Feb 2019 16:49

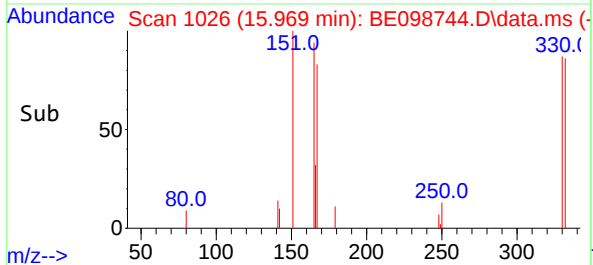
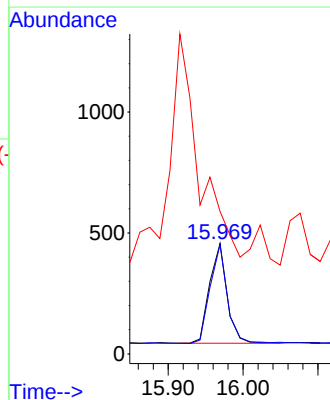
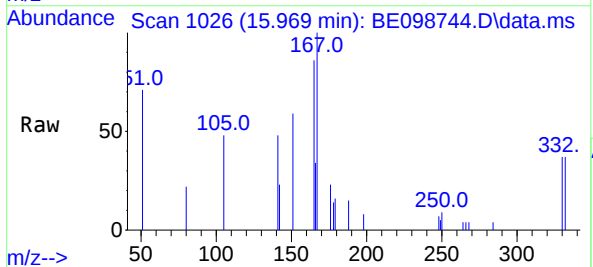
Instrument :
BNA_E
ClientSampleId :

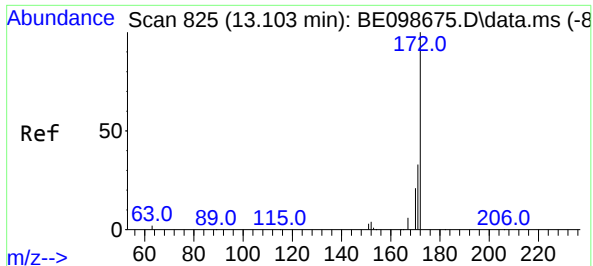
Tgt Ion:164 Resp: 5718
Ion Ratio Lower Upper
164 100
162 74.5 80.5 120.7#
160 644.2 40.1 60.1#



#14
2,4,6-Tribromophenol
Concen: 0.26 ng
RT: 15.969 min Scan# 1026
Delta R.T. -0.013 min
Lab File: BE098744.D
Acq: 20 Feb 2019 16:49

Tgt Ion:330 Resp: 668
Ion Ratio Lower Upper
330 100
332 96.9 73.3 109.9
141 0.0 33.1 49.7#

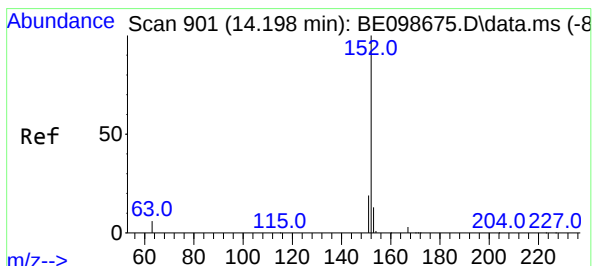
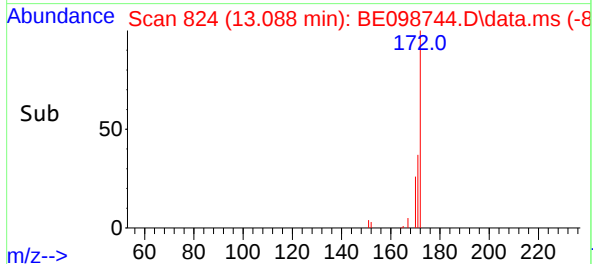
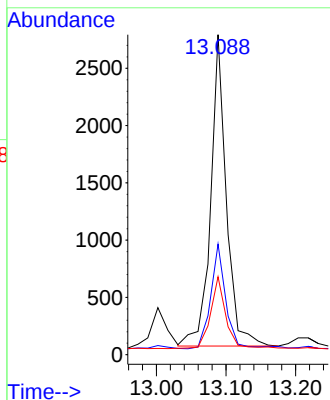
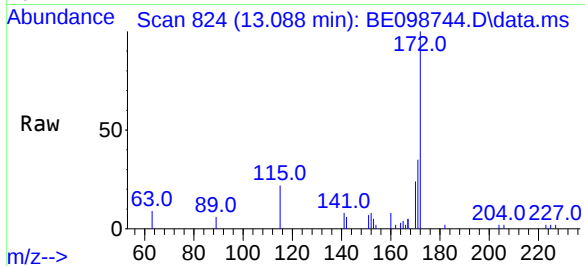




#15
2-Fluorobiphenyl
Concen: 0.17 ng
RT: 13.088 min Scan# 824
Delta R.T. -0.015 min
Lab File: BE098744.D
Acq: 20 Feb 2019 16:49

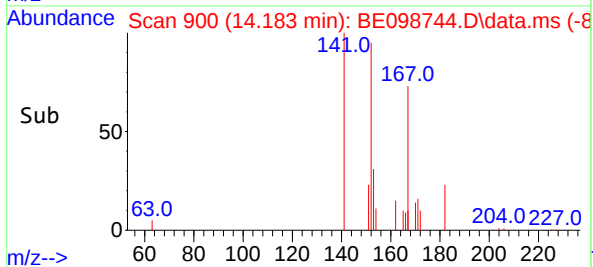
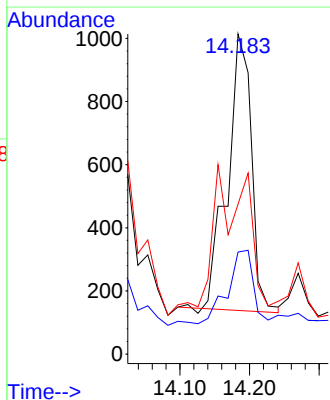
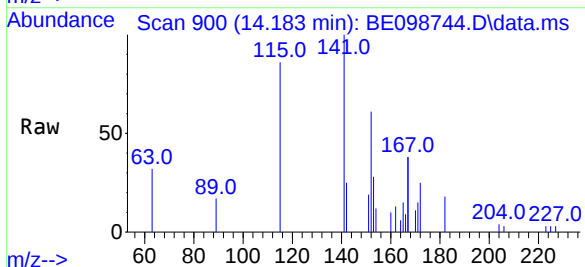
Instrument :
BNA_E
ClientSampled :

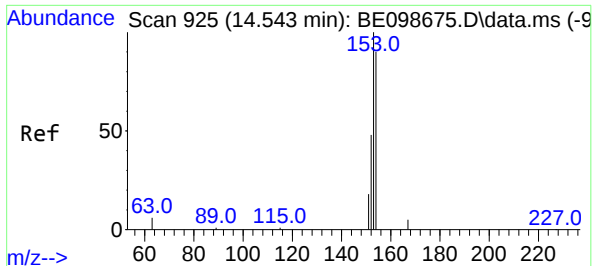
Tgt Ion:	172	Resp:	4251
Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.0	43.4
170	24.3	20.8	31.2



#16
Acenaphthylene
Concen: 0.07 ng
RT: 14.183 min Scan# 900
Delta R.T. -0.015 min
Lab File: BE098744.D
Acq: 20 Feb 2019 16:49

Tgt Ion:	152	Resp:	2099
Ion	Ratio	Lower	Upper
152	100		
151	26.9	16.3	24.5#
153	0.0	10.7	16.1#





#17

Acenaphthene

Concen: 0.51 ng

RT: 14.529 min Scan# 924

Delta R.T. -0.014 min

Lab File: BE098744.D

Acq: 20 Feb 2019 16:49

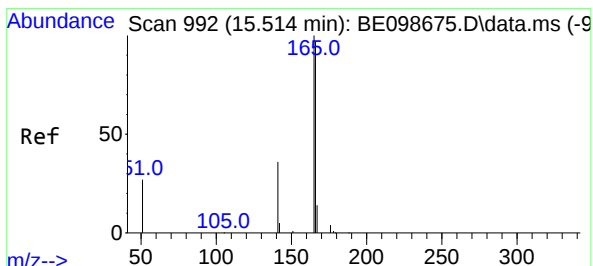
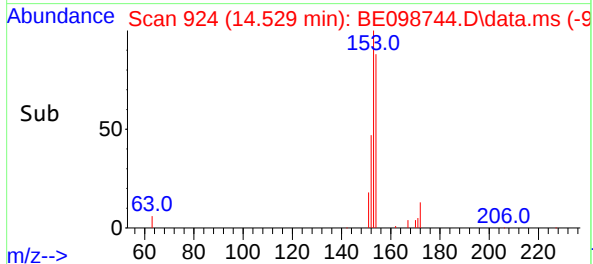
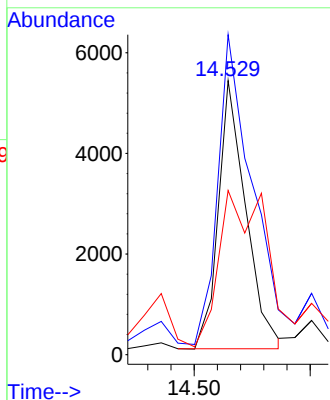
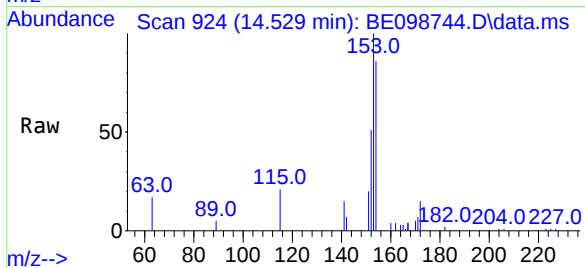
Instrument :

BNA_E

ClientSampleId :

Tgt Ion:154 Resp: 8794

Ion	Ratio	Lower	Upper
154	100		
153	146.5	93.9	140.9#
152	102.0	45.8	68.8#



#18

Fluorene

Concen: 5.08 ng

RT: 15.514 min Scan# 992

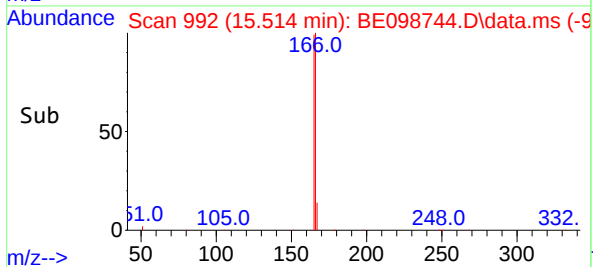
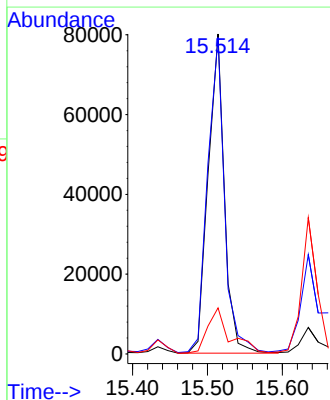
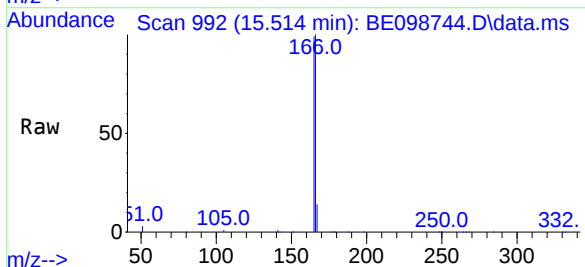
Delta R.T. 0.000 min

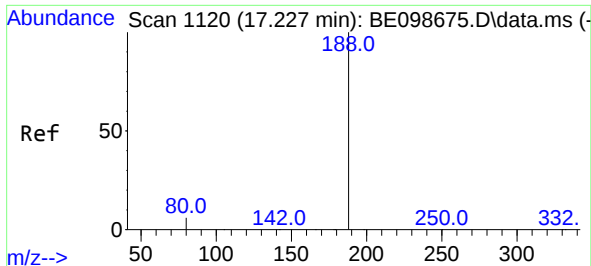
Lab File: BE098744.D

Acq: 20 Feb 2019 16:49

Tgt Ion:166 Resp: 120295

Ion	Ratio	Lower	Upper
166	100		
165	102.6	79.3	118.9
167	19.3	10.6	15.8#

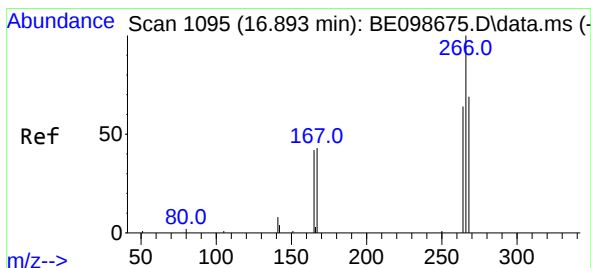
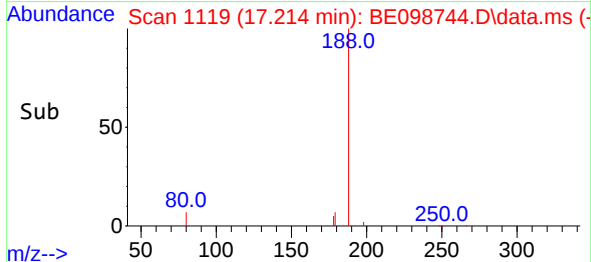
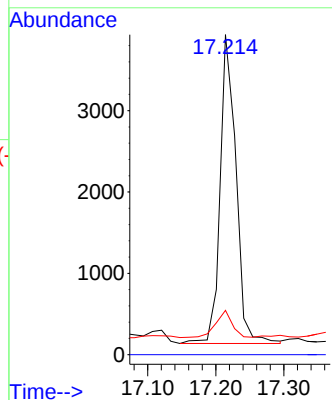
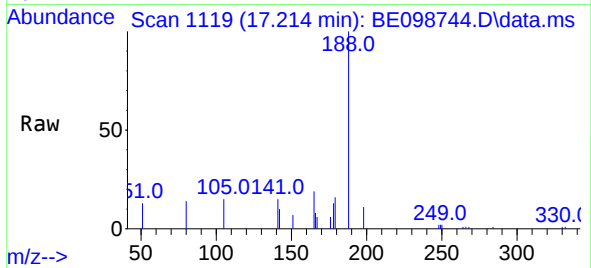




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.214 min Scan# 1119
Delta R.T. -0.013 min
Lab File: BE098744.D
Acq: 20 Feb 2019 16:49

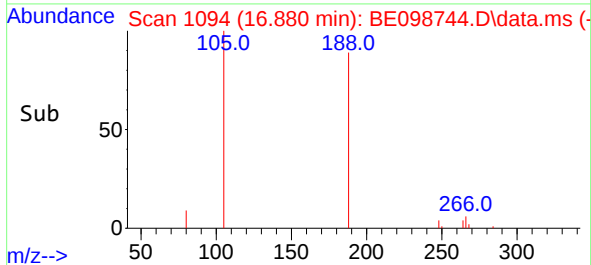
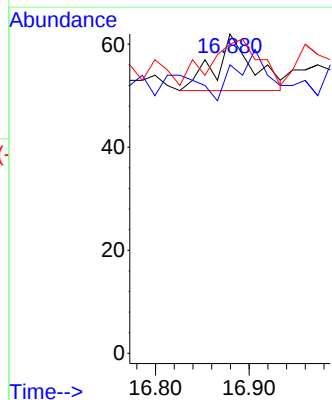
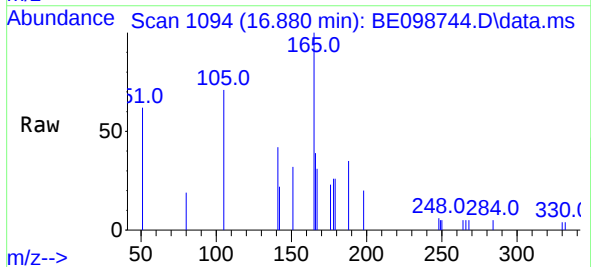
Instrument :
BNA_E
ClientSampled :

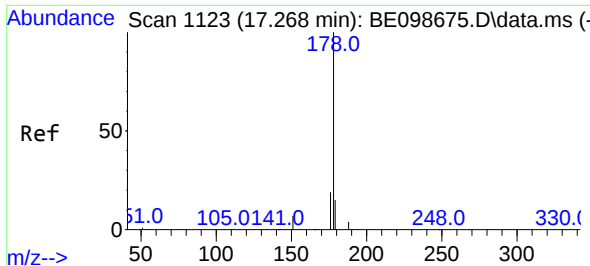
Tgt Ion:188 Resp: 6164
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.8 4.7 7.1#



#22
Pentachlorophenol
Concen: 0.03 ng
RT: 16.880 min Scan# 1094
Delta R.T. -0.014 min
Lab File: BE098744.D
Acq: 20 Feb 2019 16:49

Tgt Ion:266 Resp: 31
Ion Ratio Lower Upper
266 100
264 90.3 53.7 80.5#
268 96.8 59.8 89.8#

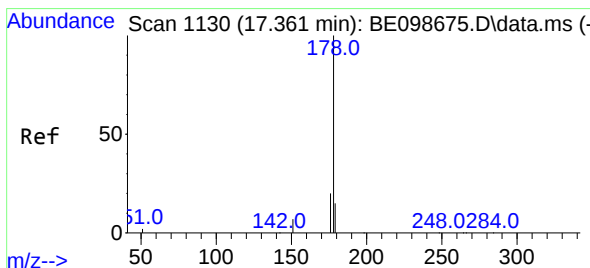
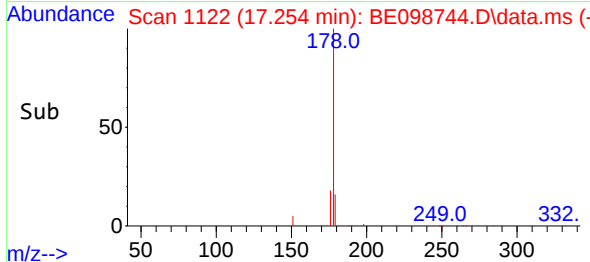
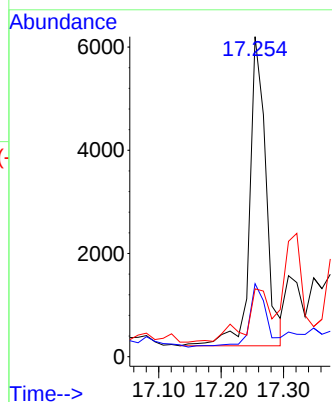
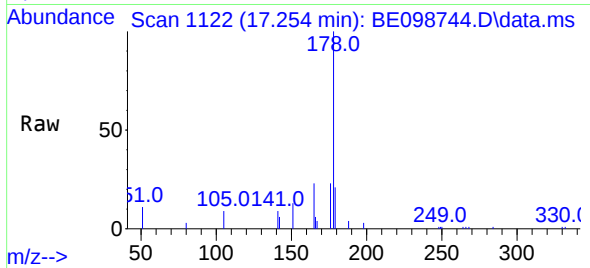




#23
Phenanthrene
Concen: 0.64 ng
RT: 17.254 min Scan# 1122
Delta R.T. -0.014 min
Lab File: BE098744.D
Acq: 20 Feb 2019 16:49

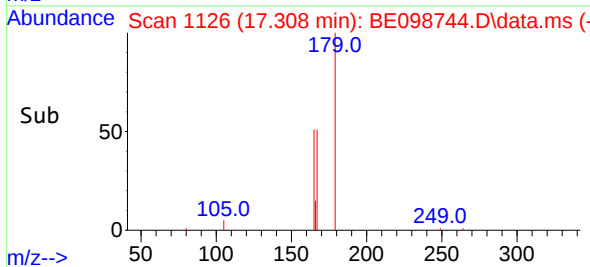
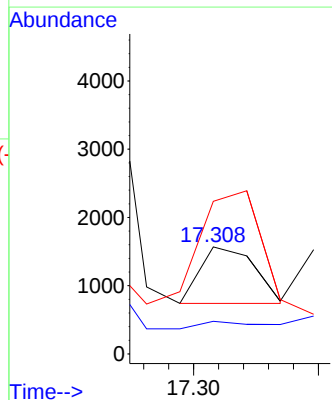
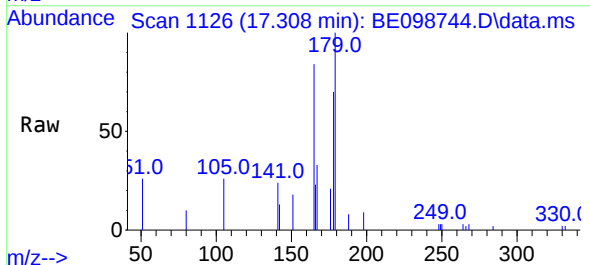
Instrument :
BNA_E
ClientSampled :

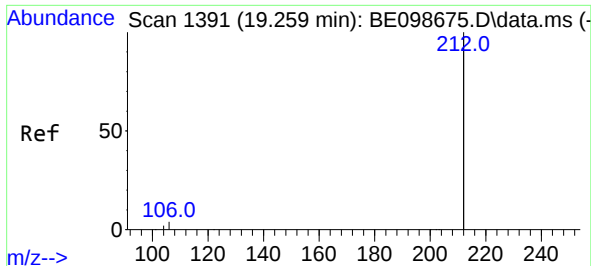
Tgt Ion:178 Resp: 10917
Ion Ratio Lower Upper
178 100
176 21.9 15.9 23.9
179 25.0 12.2 18.4#



#24
Anthracene
Concen: 0.14 ng
RT: 17.308 min Scan# 1126
Delta R.T. -0.053 min
Lab File: BE098744.D
Acq: 20 Feb 2019 16:49

Tgt Ion:178 Resp: 1252
Ion Ratio Lower Upper
178 100
176 0.0 14.9 22.3#
179 257.0 11.8 17.8#



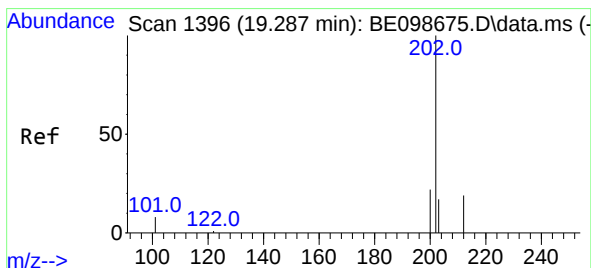
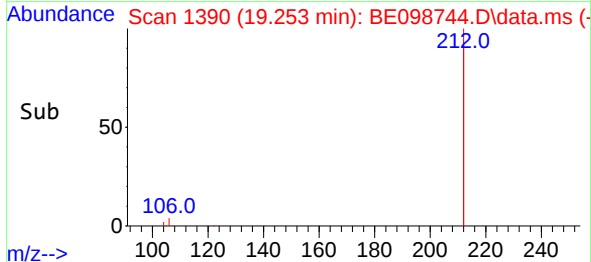
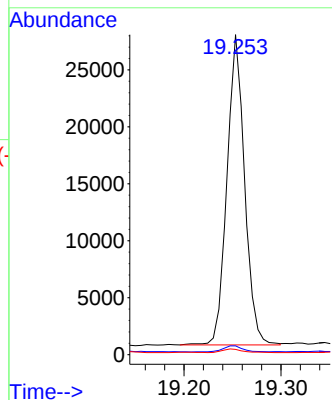
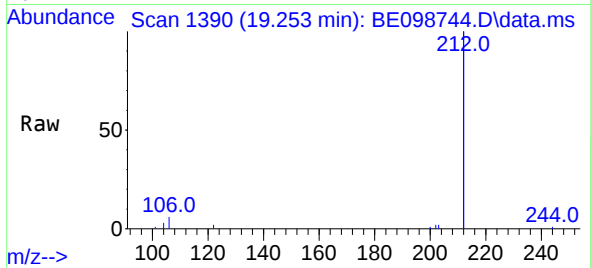


#25
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.253 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BE098744.D
Acq: 20 Feb 2019 16:49

Instrument :
BNA_E
ClientSampled :

Tgt Ion:212 Resp: 34558

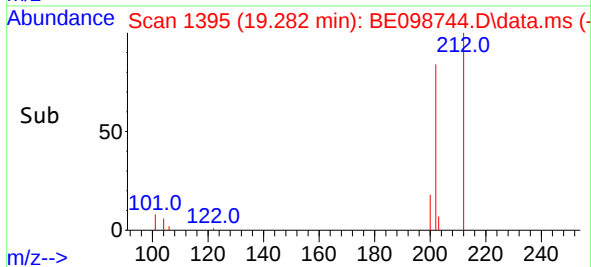
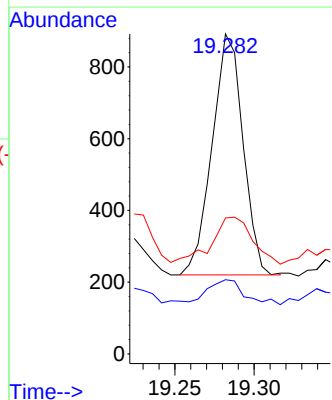
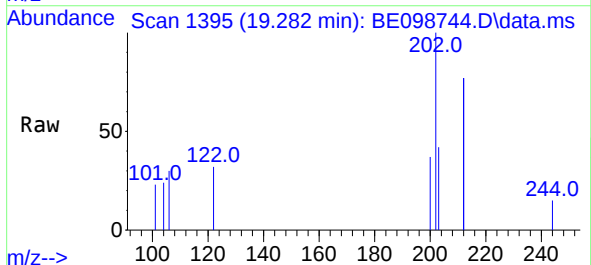
Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.7	2.5
104	1.3	1.0	1.6

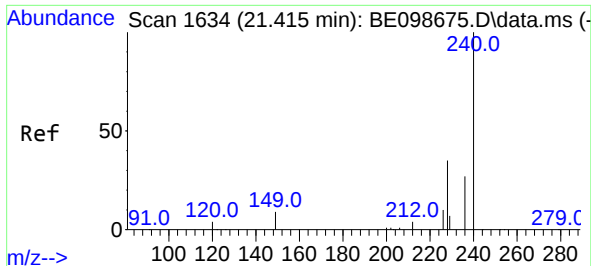


#26
Fluoranthene
Concen: 0.04 ng
RT: 19.282 min Scan# 1395
Delta R.T. -0.005 min
Lab File: BE098744.D
Acq: 20 Feb 2019 16:49

Tgt Ion:202 Resp: 911

Ion	Ratio	Lower	Upper
202	100		
101	12.4	6.7	10.1#
203	25.8	13.3	19.9#

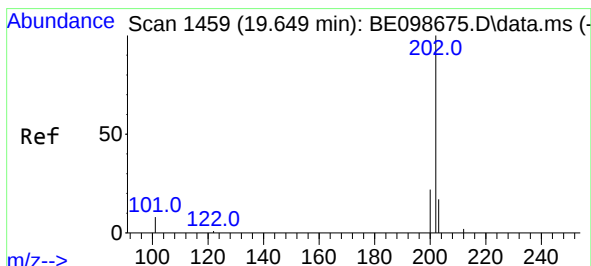
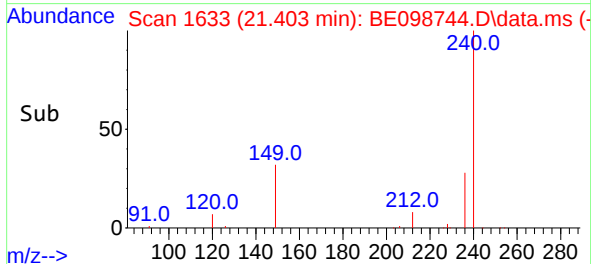
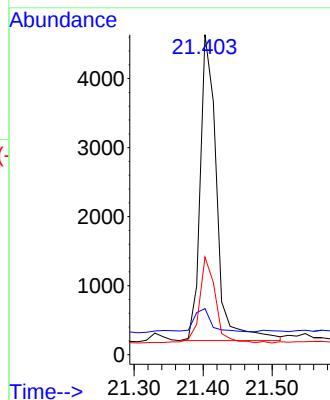
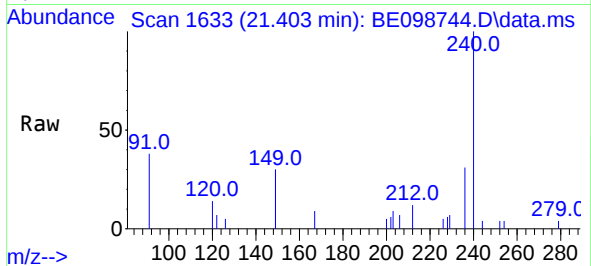




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.403 min Scan# 1633
Delta R.T. -0.012 min
Lab File: BE098744.D
Acq: 20 Feb 2019 16:49

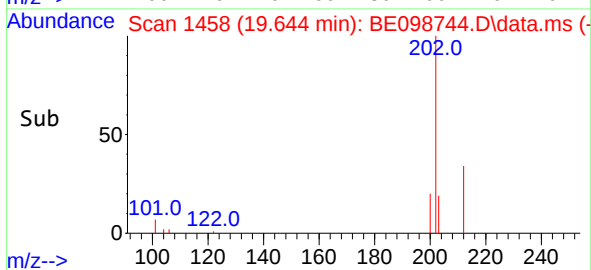
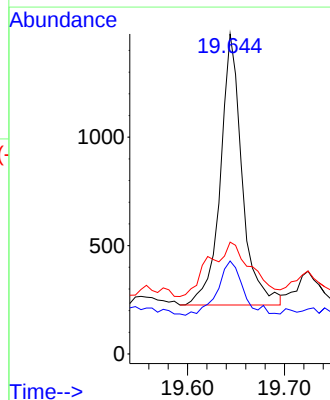
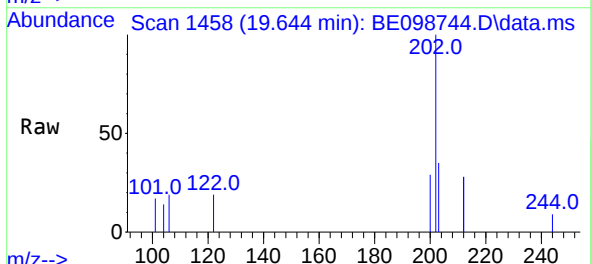
Instrument :
BNA_E
ClientSampled :

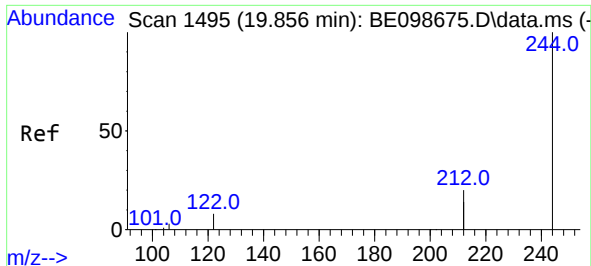
Tgt Ion:240 Resp: 7350
Ion Ratio Lower Upper
240 100
120 14.4 4.7 7.1#
236 30.5 21.9 32.9



#28
Pyrene
Concen: 0.08 ng
RT: 19.644 min Scan# 1458
Delta R.T. -0.005 min
Lab File: BE098744.D
Acq: 20 Feb 2019 16:49

Tgt Ion:202 Resp: 1950
Ion Ratio Lower Upper
202 100
200 23.7 17.0 25.6
203 38.7 13.8 20.8#

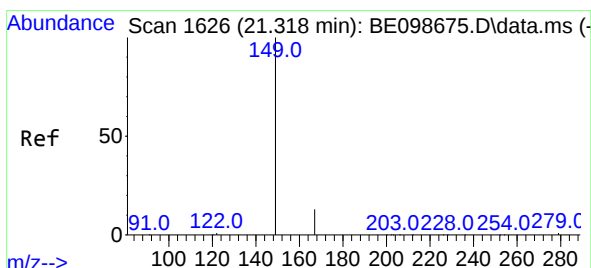
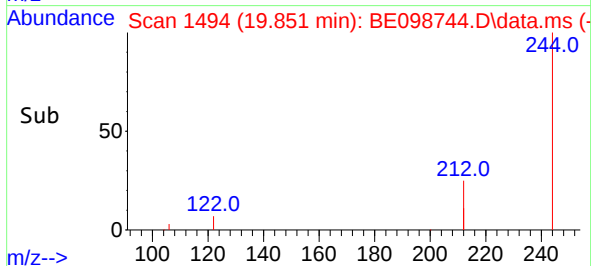
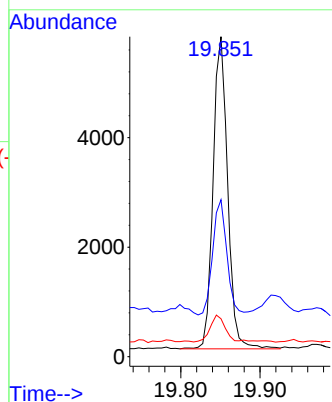
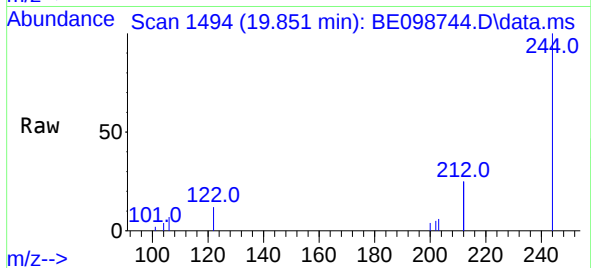




#29
Terphenyl-d14
Concen: 0.40 ng
RT: 19.851 min Scan# 1494
Delta R.T. -0.005 min
Lab File: BE098744.D
Acq: 20 Feb 2019 16:49

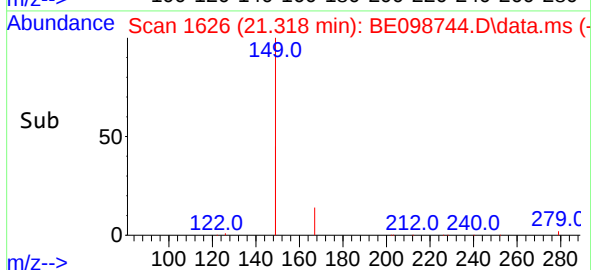
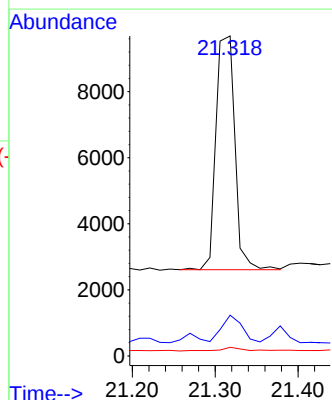
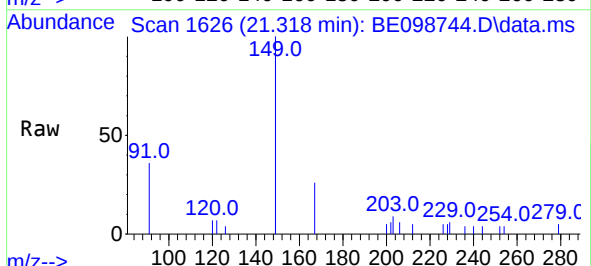
Instrument :
BNA_E
ClientSampleId :

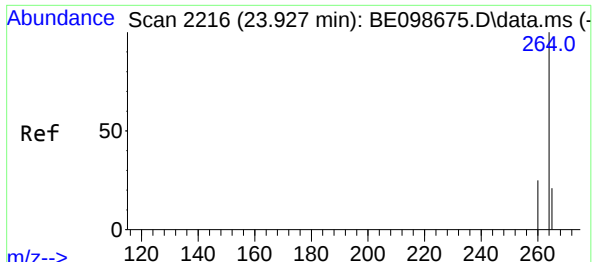
Tgt Ion:244 Resp: 7299
Ion Ratio Lower Upper
244 100
212 49.1 29.4 44.2#
122 11.8 7.1 10.7#



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.27 ng
RT: 21.318 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BE098744.D
Acq: 20 Feb 2019 16:49

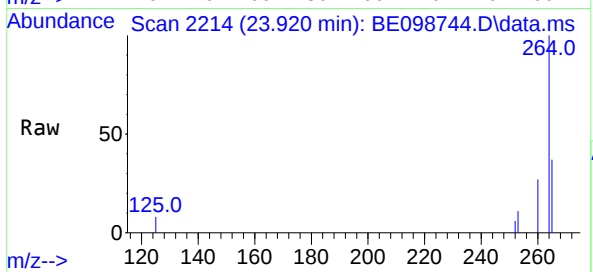
Tgt Ion:149 Resp: 11185
Ion Ratio Lower Upper
149 100
167 12.7 5.4 8.2#
279 1.9 1.0 1.4#





#34
Perylene-d12
Concen: 0.40 ng
RT: 23.920 min Scan# 2214
Delta R.T. -0.007 min
Lab File: BE098744.D
Acq: 20 Feb 2019 16:49

Instrument :
BNA_E
ClientSampleId :



Tgt Ion:264 Resp: 6977

Ion	Ratio	Lower	Upper
264	100		
260	27.0	20.5	30.7
265	37.2	22.3	33.5#

