

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
 Data File : BE098335.D
 Acq On : 11 Dec 2018 16:28
 Operator : SJ/JU
 Sample : J6259-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 12 17:23:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

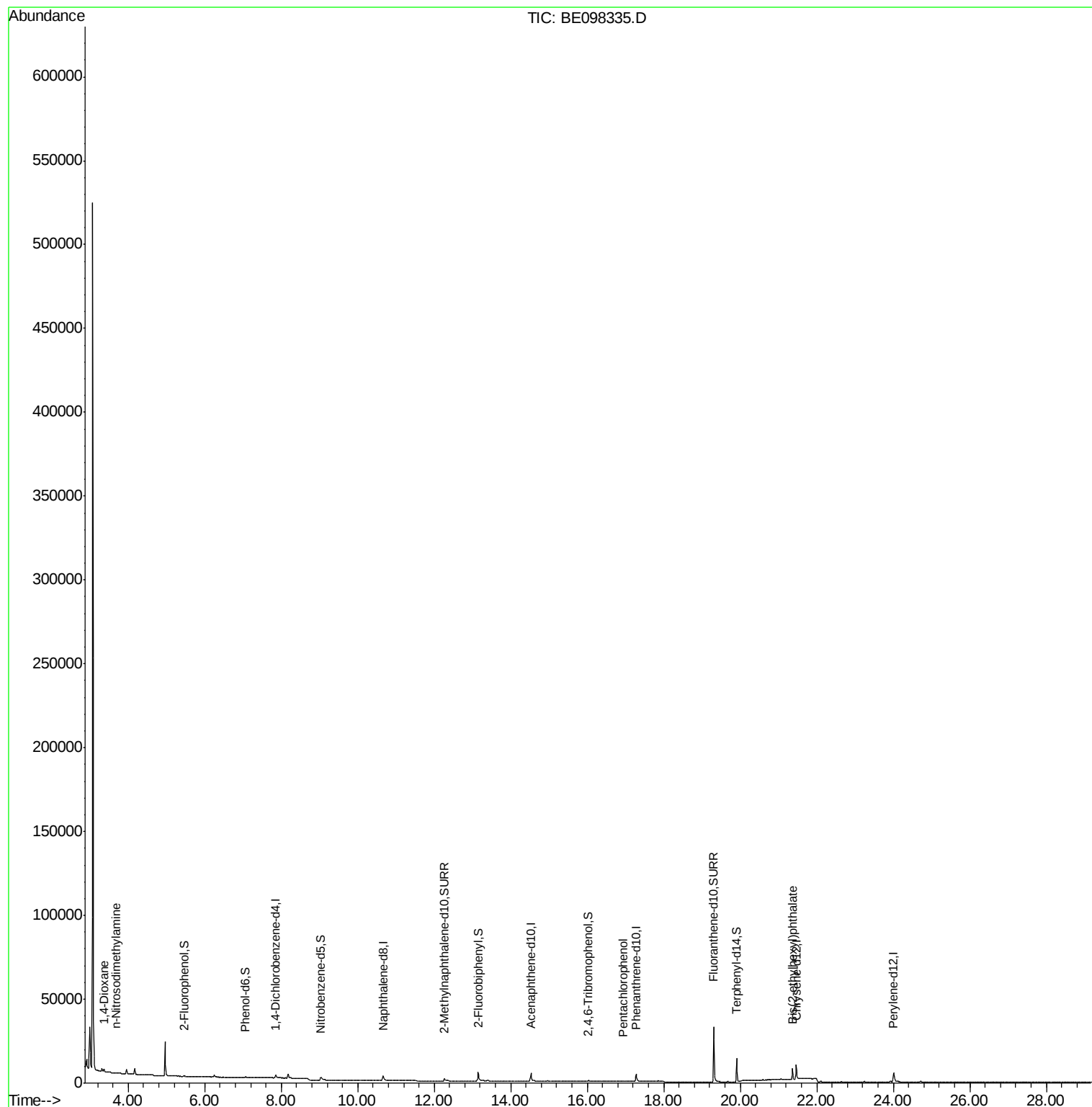
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1156	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4850	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3177	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8730	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10456	0.40	ng	0.00
34) Perylene-d12	24.01	264	9999	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	471	0.17	ng	0.00
5) Phenol-d6	7.06	99	314	0.08	ng	0.00
8) Nitrobenzene-d5	9.04	82	1887	0.43	ng	0.02
11) 2-Methylnaphthalene-d10	12.27	152	3218	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	479	0.41	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	7355	0.55	ng	0.00
25) Fluoranthene-d10	19.31	212	50970	0.46	ng	0.00
29) Terphenyl-d14	19.90	244	13667	0.54	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	1121	0.561	ng	# 75
3) n-Nitrosodimethylamine	3.69	42	63	0.035	ng	# 100
22) Pentachlorophenol	16.93	266	10	0.029	ng	# 74
32) Bis(2-ethylhexyl)phthalate	21.37	149	8213	0.136	ng	97

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

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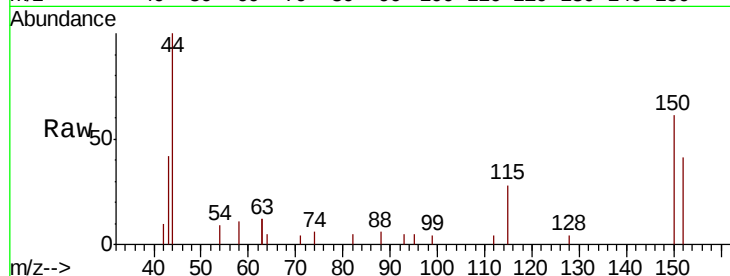


#1

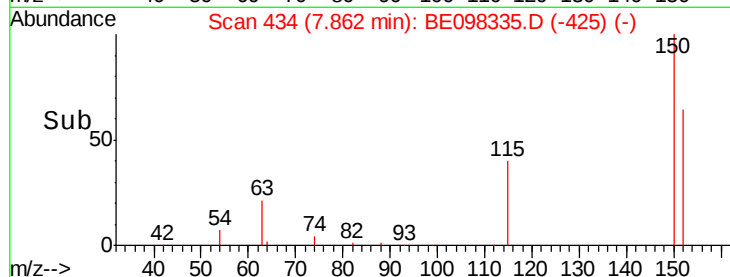
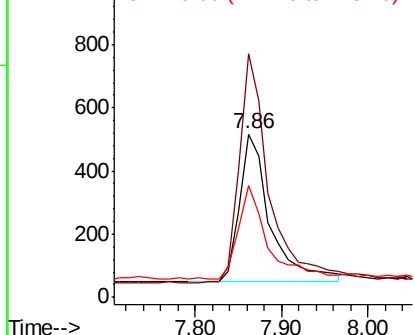
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098335.D
Acq: 11 Dec 2018 16:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1156
Ion Ratio Lower Upper
152 100
150 149.4 124.2 186.4
115 68.2 53.9 80.9



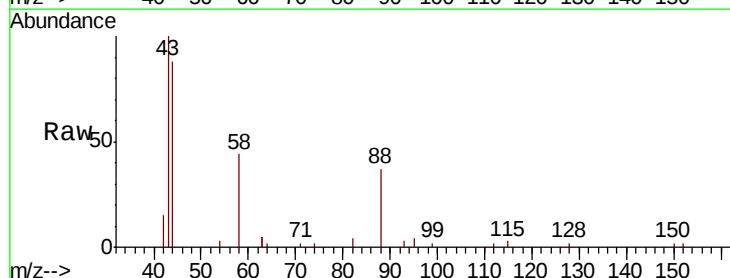
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



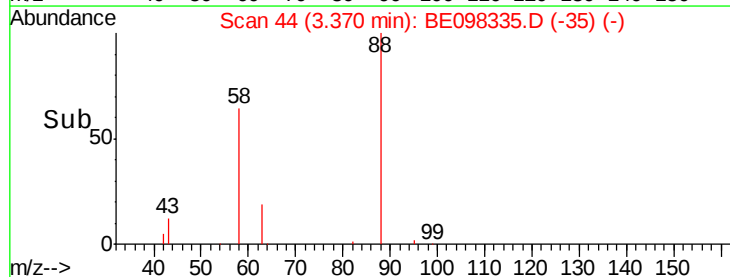
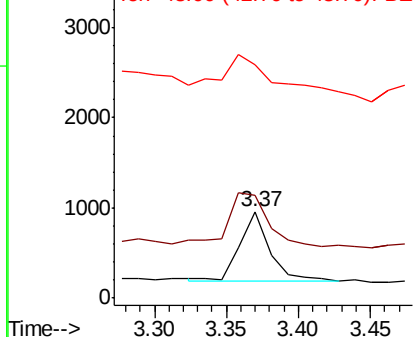
#2

1,4-Dioxane
Concen: 0.561 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098335.D
Acq: 11 Dec 2018 16:28

Tgt Ion: 88 Resp: 1121
Ion Ratio Lower Upper
88 100
58 105.6 75.0 112.6
43 81.1 38.3 57.5#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



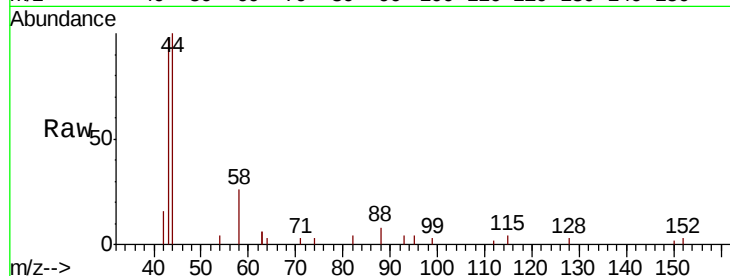


#3

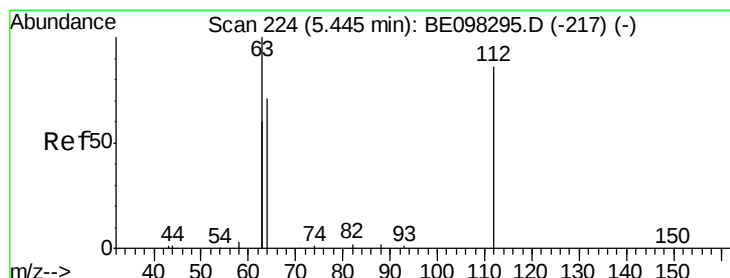
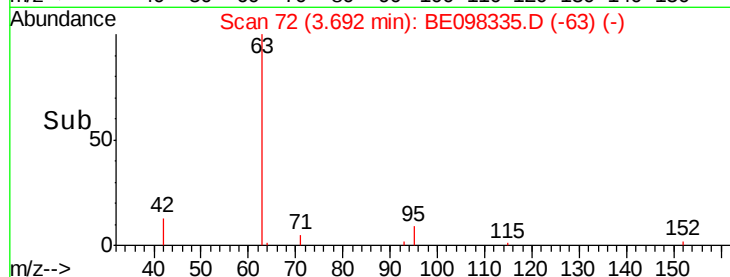
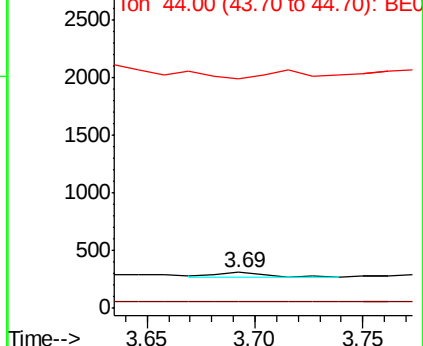
n-Nitrosodimethylamine
Concen: 0.035 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE098335.D
Acq: 11 Dec 2018 16:28

Instrument :
BNA_E
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0



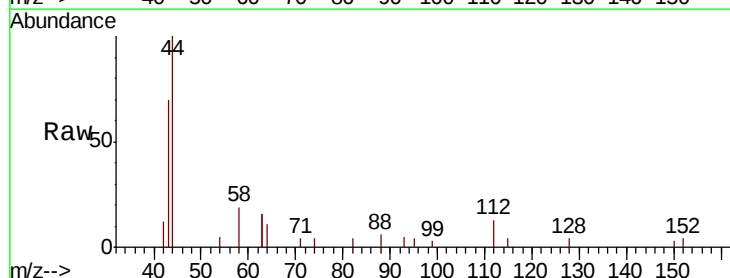
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



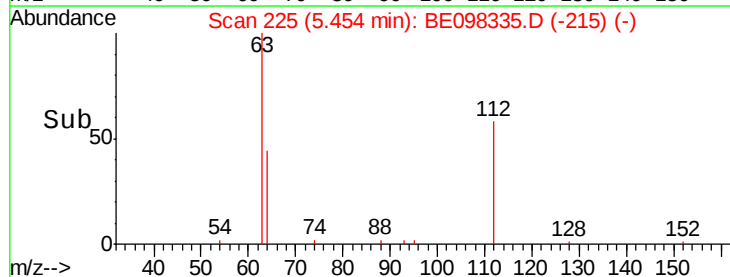
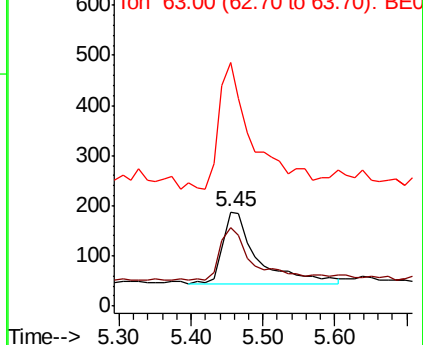
#4

2-Fluorophenol
Concen: 0.174 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098335.D
Acq: 11 Dec 2018 16:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.8	59.8	89.8
63	173.5	133.7	200.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.082 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098335.D

Acq: 11 Dec 2018 16:28

Instrument :

BNA_E

ClientSampleId :

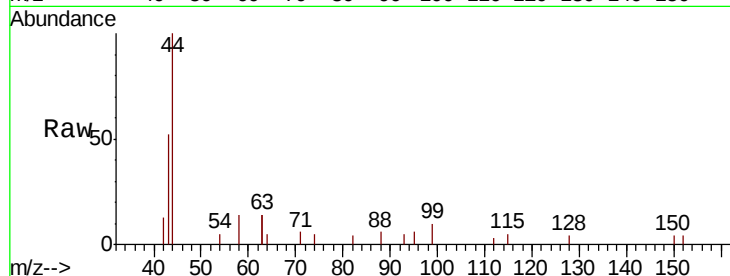
Tot Ion: 99 Resp: 314

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

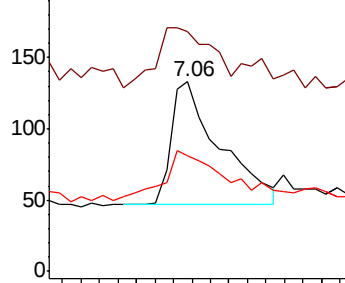
71 52.2 33.6 50.4#



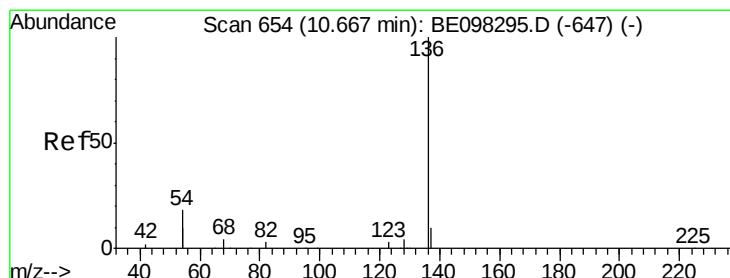
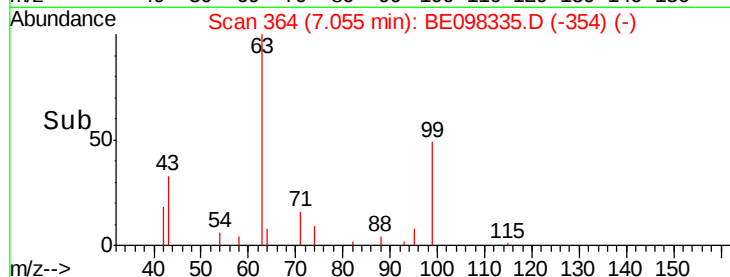
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098335.D

Acq: 11 Dec 2018 16:28

Tgt Ion: 136 Resp: 4850

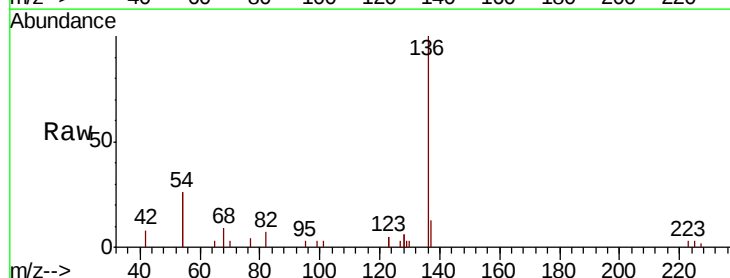
Ion Ratio Lower Upper

136 100

137 12.7 9.2 13.8

54 51.8 28.4 42.6#

68 9.3 5.4 8.0#

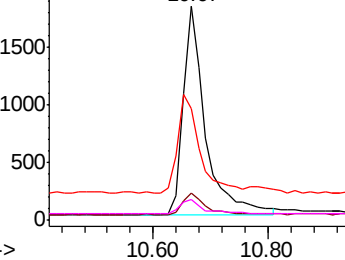


Abundance Ion 136.00 (135.70 to 136.70): E

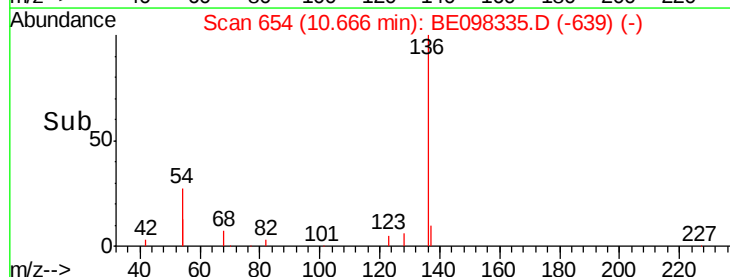
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->

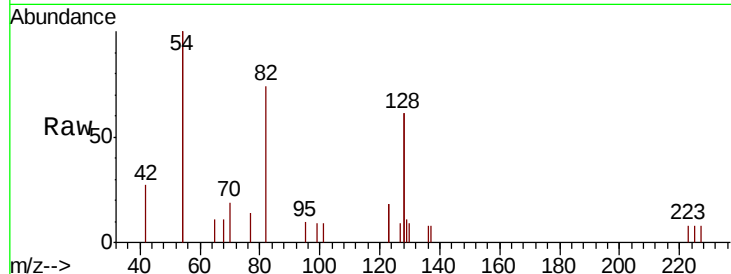




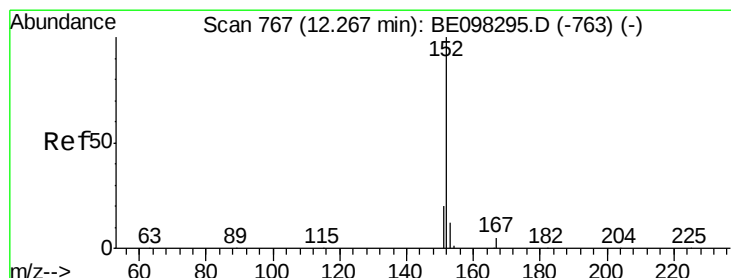
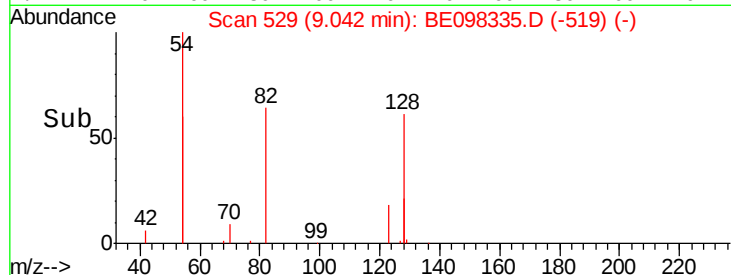
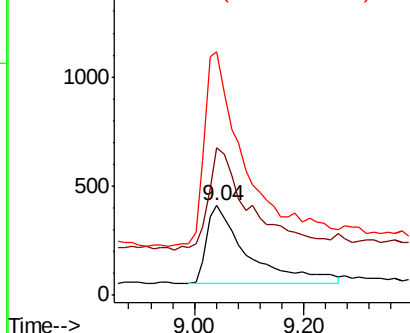
#8
 Nitrobenzene-d5
 Concen: 0.427 ng
 RT: 9.04 min Scan# 529
 Delta R.T. 0.02 min
 Lab File: BE098335.D
 Acq: 11 Dec 2018 16:28

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	82	Resp	1887
Ion Ratio	Lower	Upper	
82	100		
128	164.1	102.4	153.6#
54	270.4	221.8	332.8

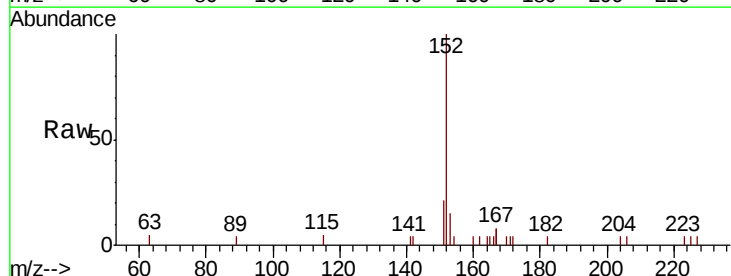


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

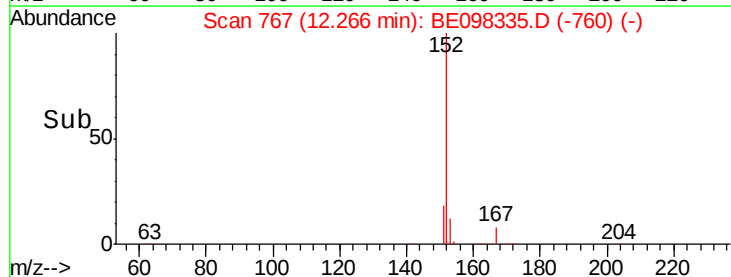
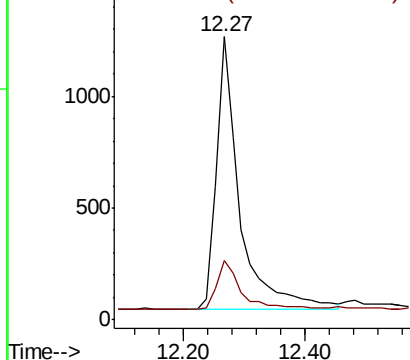


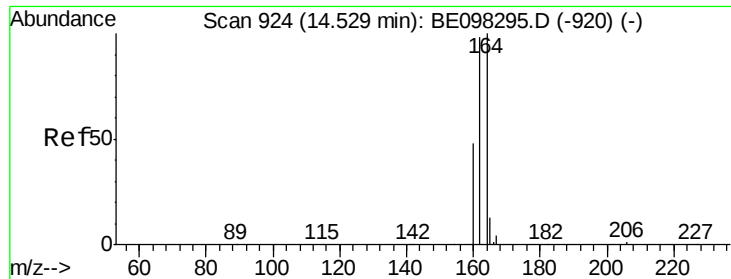
#11
 2-Methylnaphthalene-d10
 Concen: 0.408 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098335.D
 Acq: 11 Dec 2018 16:28

Tgt Ion	152	Resp	3218
Ion Ratio	Lower	Upper	
152	100		
151	19.5	16.2	24.4



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

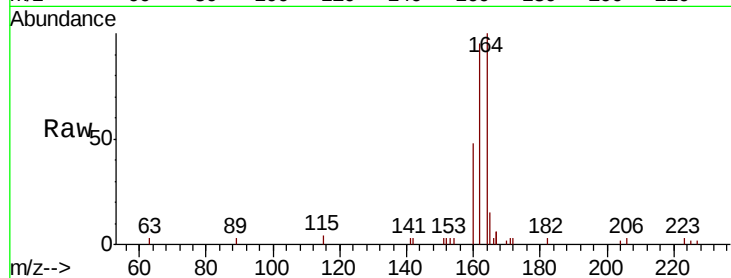




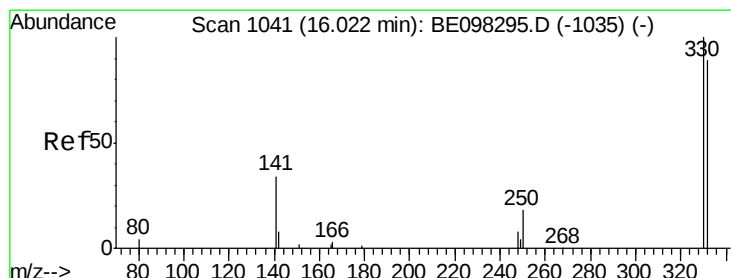
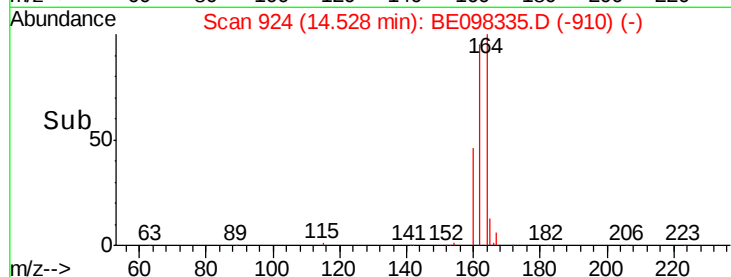
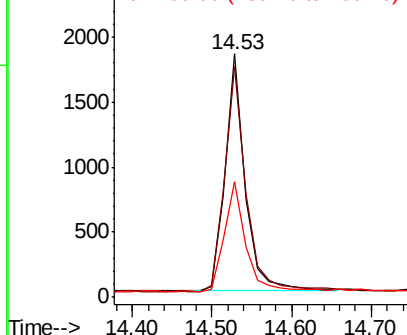
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098335.D
Acq: 11 Dec 2018 16:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 3177
Ion Ratio Lower Upper
164 100
162 95.0 77.6 116.4
160 47.6 36.0 54.0

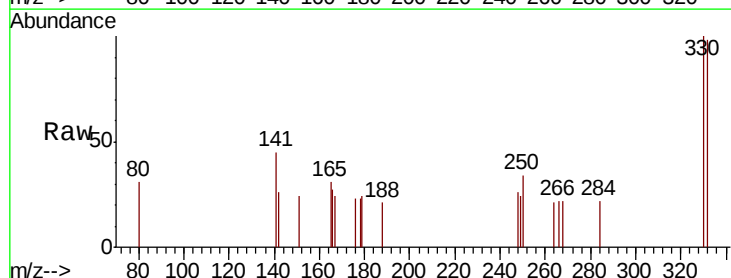


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

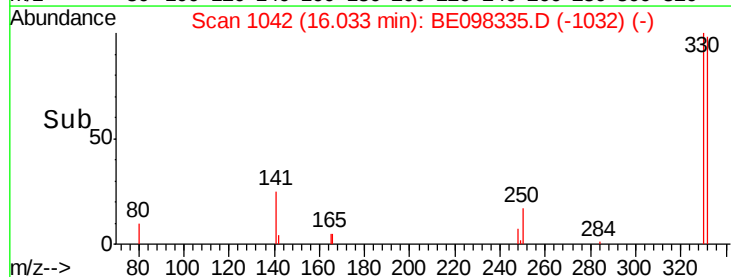
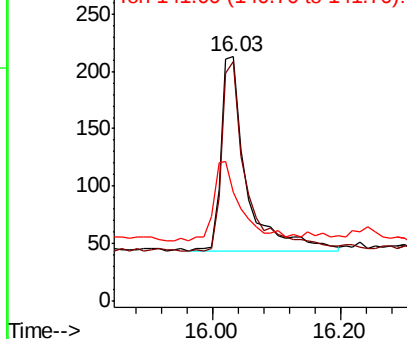


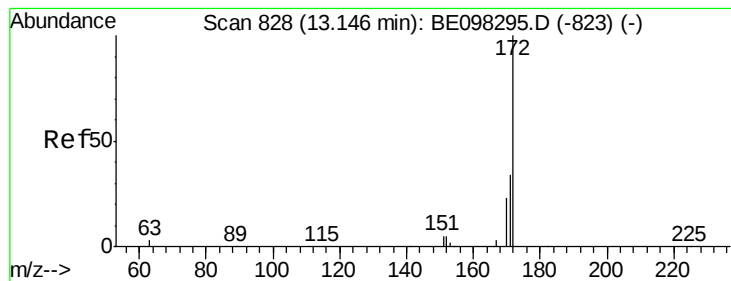
#14
2,4,6-Tribromophenol
Concen: 0.411 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098335.D
Acq: 11 Dec 2018 16:28

Tgt Ion:330 Resp: 479
Ion Ratio Lower Upper
330 100
332 94.4 76.2 114.4
141 44.5 39.0 58.4



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

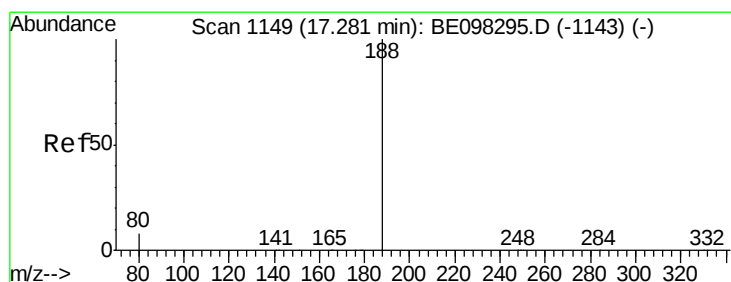
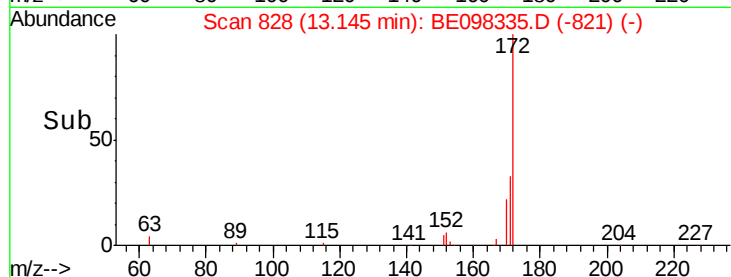
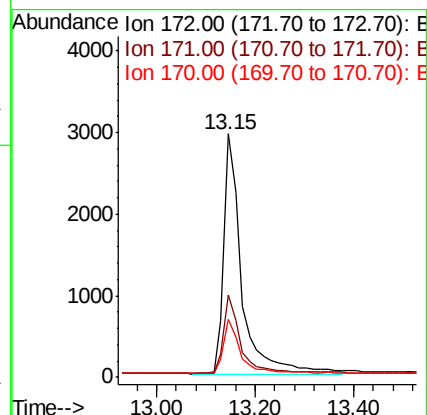
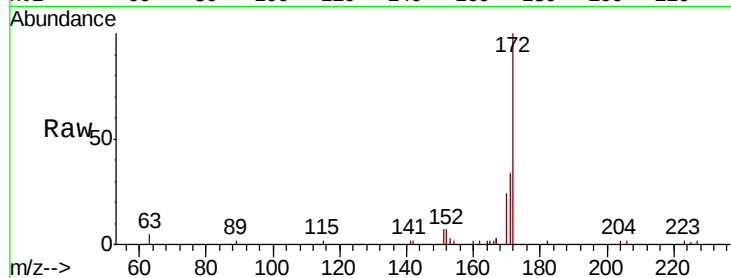




#15
2-Fluorobiphenyl
Concen: 0.549 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098335.D
Acq: 11 Dec 2018 16:28

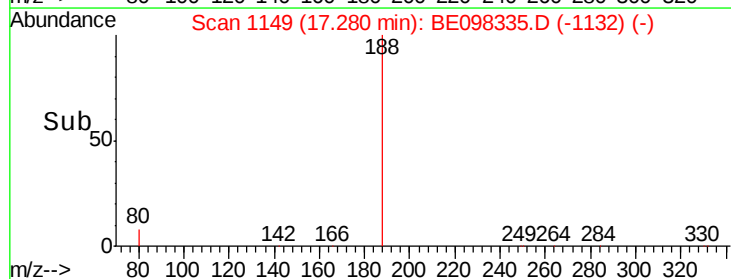
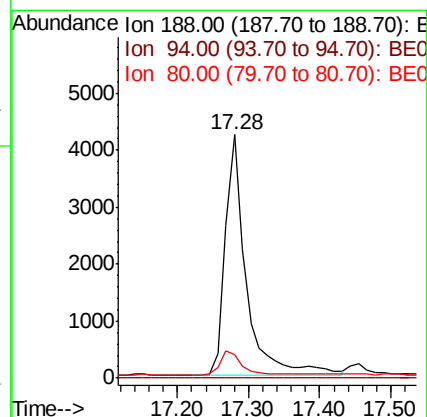
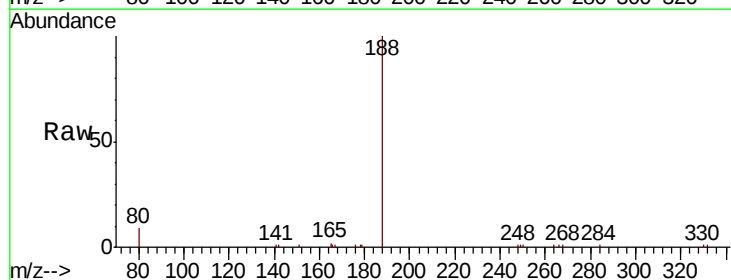
Instrument :
BNA_E
ClientSampleId :

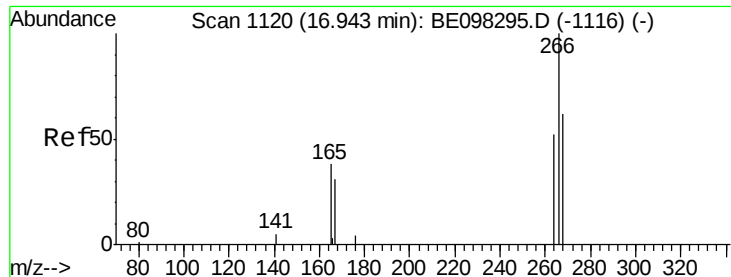
Tot Ion:172 Resp: 7355
Ion Ratio Lower Upper
172 100
171 34.0 27.5 41.3
170 23.7 19.6 29.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098335.D
Acq: 11 Dec 2018 16:28

Tgt Ion:188 Resp: 8730
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 7.2 10.8

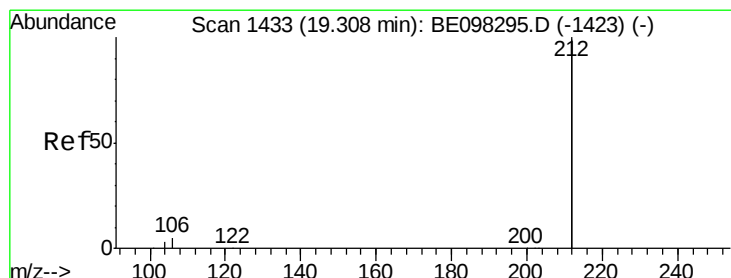
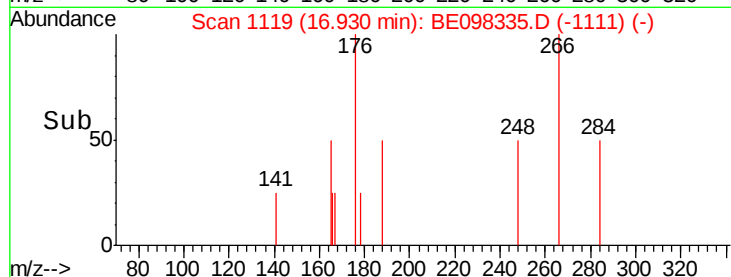
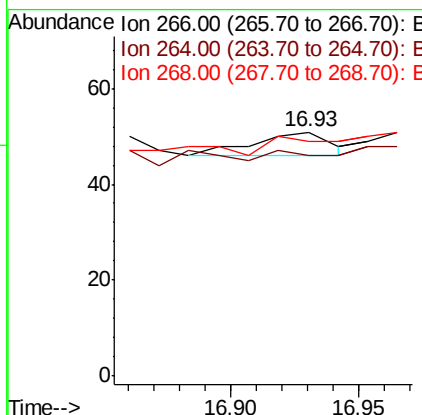
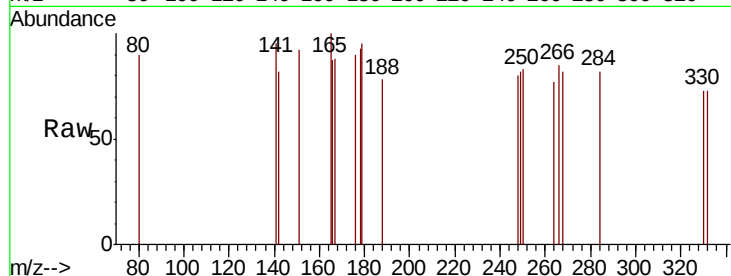




#22
 Pentachlorophenol
 Concen: 0.029 ng
 RT: 16.93 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BE098335.D
 Acq: 11 Dec 2018 16:28

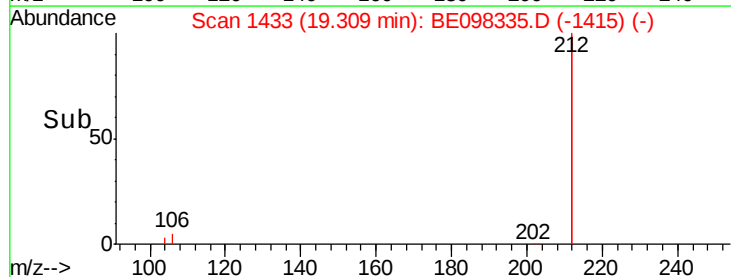
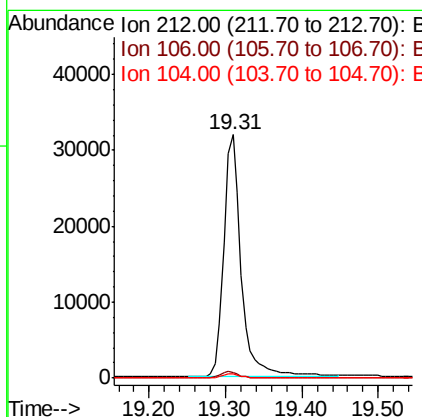
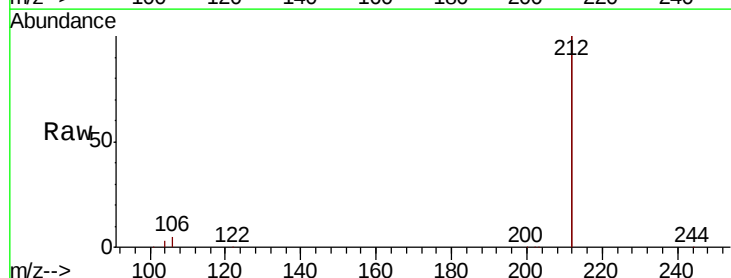
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 10
 Ion Ratio Lower Upper
 266 100
 264 90.2 59.0 88.4#
 268 96.1 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.455 ng
 RT: 19.31 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BE098335.D
 Acq: 11 Dec 2018 16:28

Tgt Ion:212 Resp: 50970
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.2 3.2
 104 1.5 1.3 1.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098335.D

Acq: 11 Dec 2018 16:28

Instrument :

BNA_E

ClientSampleId :

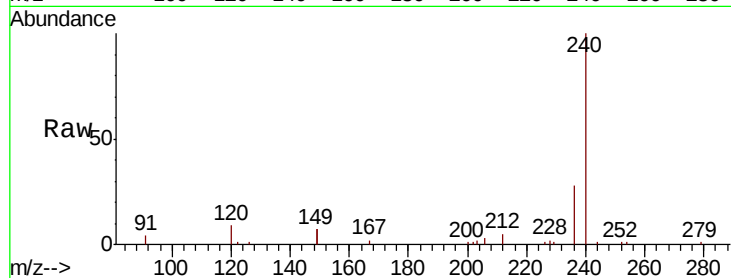
Tot Ion:240 Resp: 10456

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

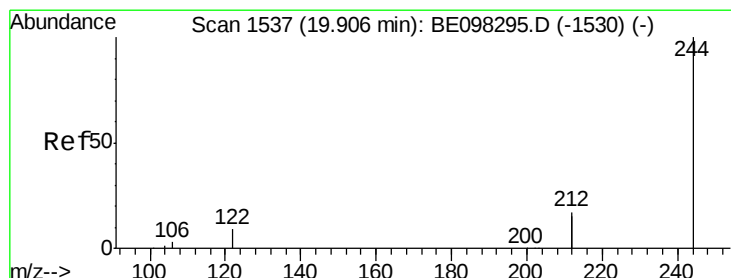
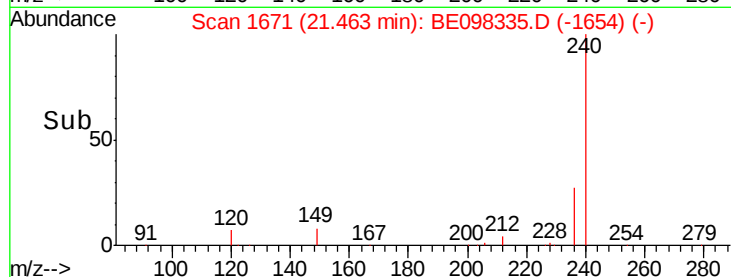
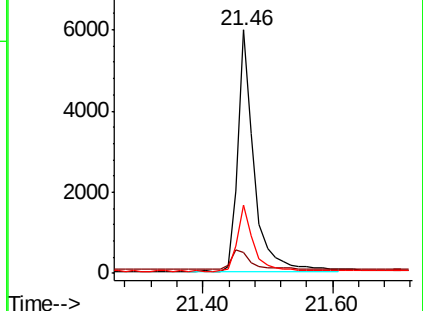
236 27.9 22.7 34.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.538 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098335.D

Acq: 11 Dec 2018 16:28

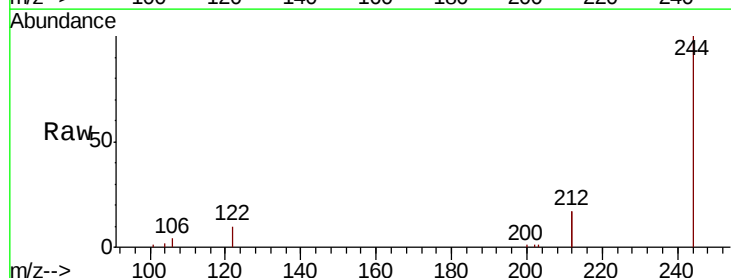
Tgt Ion:244 Resp: 13667

Ion Ratio Lower Upper

244 100

212 34.4 27.4 41.0

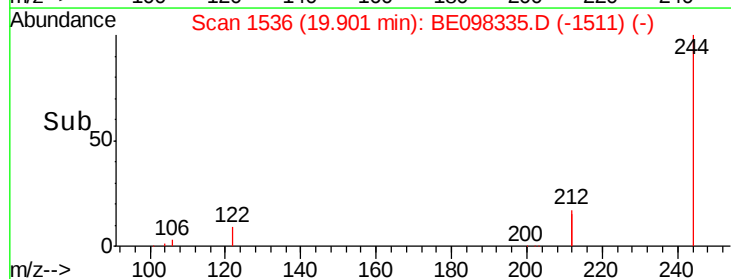
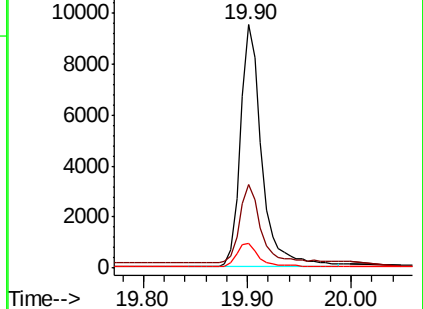
122 9.9 8.3 12.5

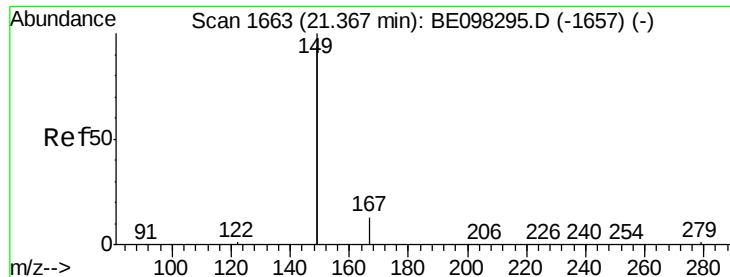


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

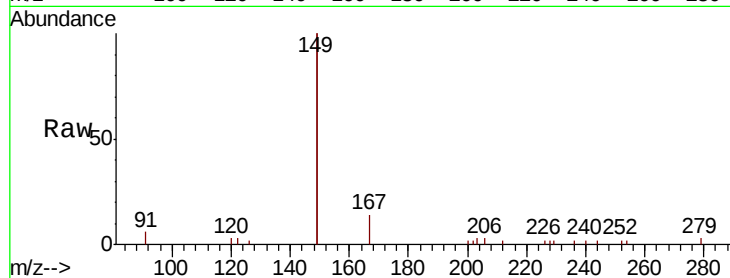




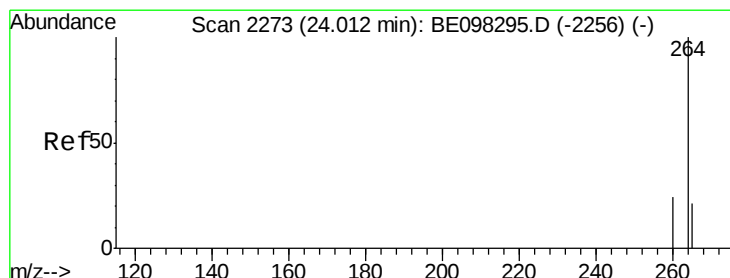
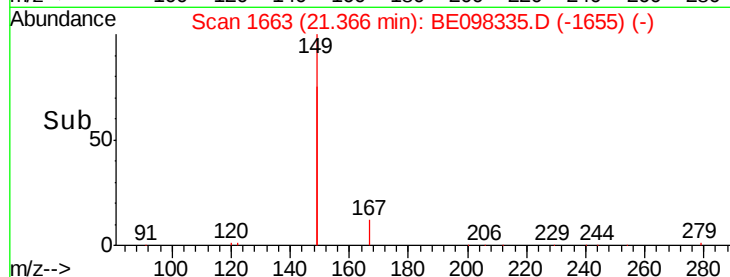
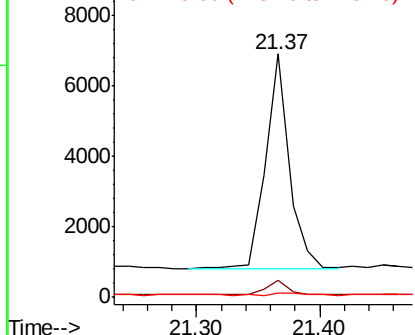
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.136 ng
 RT: 21.37 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BE098335.D
 Acq: 11 Dec 2018 16:28

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 8213
 Ion Ratio Lower Upper
 149 100
 167 6.0 5.7 8.5
 279 1.0 1.0 1.4

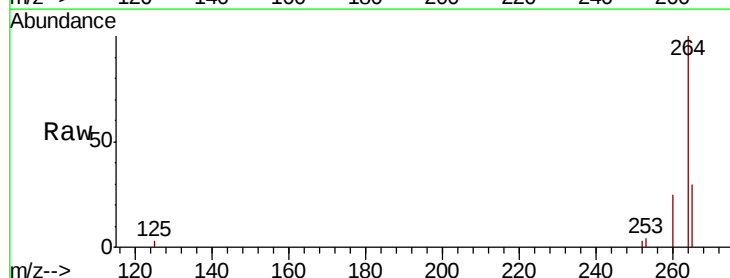


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BE098335.D
 Acq: 11 Dec 2018 16:28

Tgt Ion:264 Resp: 9999
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.2 30.2
 265 29.9 25.2 37.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

