

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031219\
 Data File : BE098904.D
 Acq On : 12 Mar 2019 18:55
 Operator : JU/SJ
 Sample : K1841-04DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE122D1-20190308DL

Quant Time: Mar 13 08:06:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

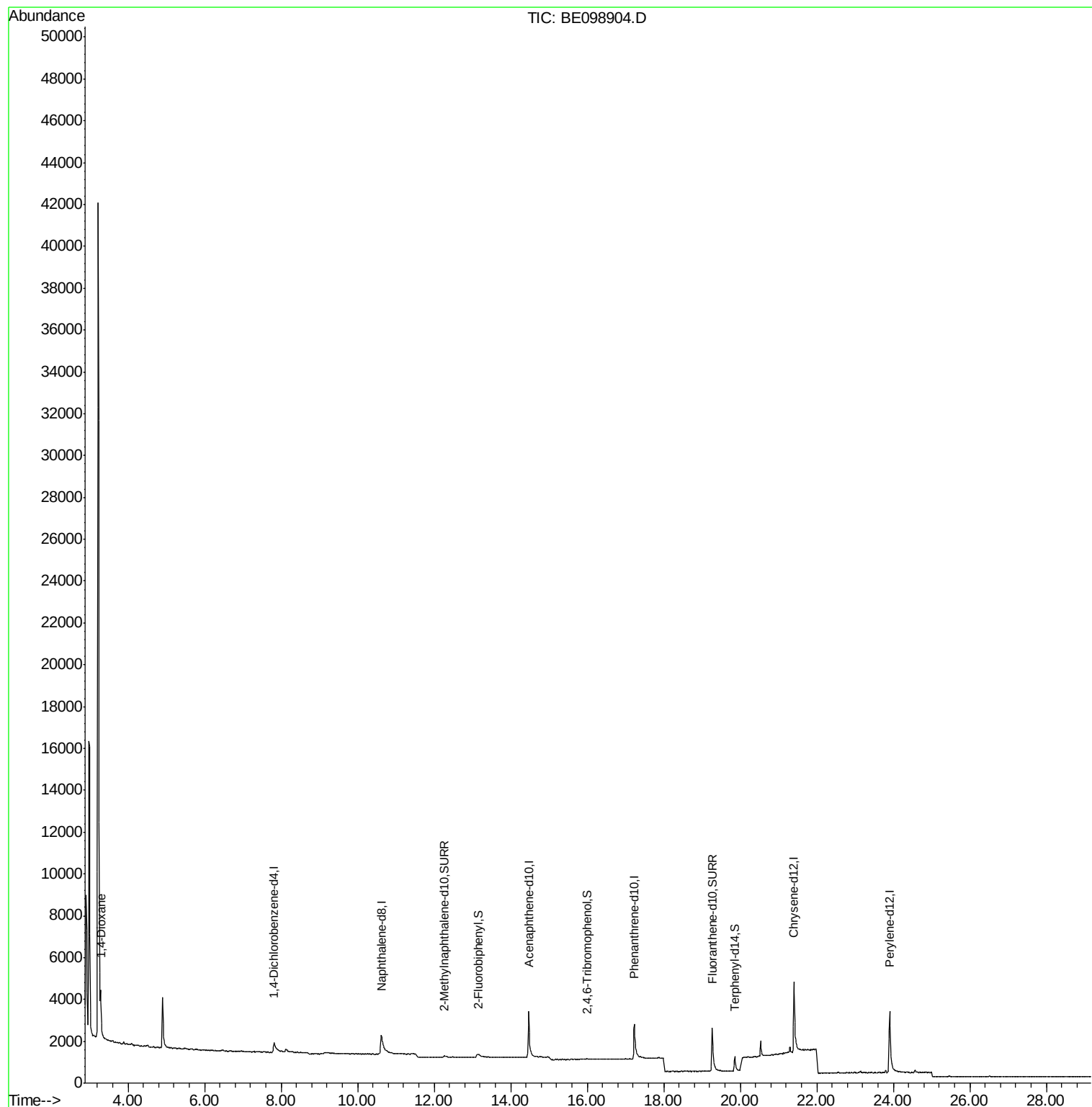
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	536	0.40	ng	0.02
7) Naphthalene-d8	10.61	136	2771	0.40	ng	0.03
13) Acenaphthene-d10	14.47	164	2215	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	5459	0.40	ng	0.01
27) Chrysene-d12	21.40	240	5998	0.40	ng	0.00
34) Perylene-d12	23.90	264	6024	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	3	0.00	ng	-0.02
5) Phenol-d6	7.06	99	10	0.00	ng	0.07
8) Nitrobenzene-d5	8.96	82	13	0.00	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	367	0.07	ng	0.07
14) 2,4,6-Tribromophenol	16.00	330	47	0.04	ng	0.03
15) 2-Fluorobiphenyl	13.15	172	583	0.06	ng	0.06
25) Fluoranthene-d10	19.27	212	5665	0.07	ng	0.02
29) Terphenyl-d14	19.86	244	1270	0.09	ng	0.01
Target Compounds						
2) 1,4-Dioxane	3.29	88	1035	1.150	ng	Qvalue # 88

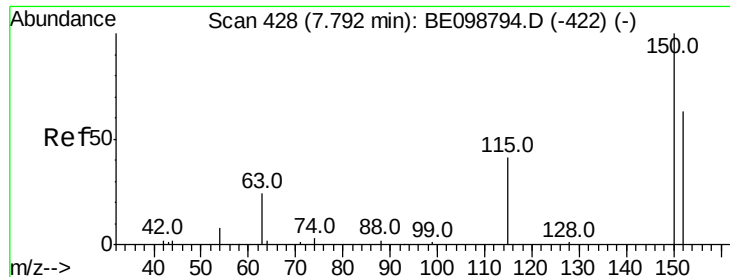
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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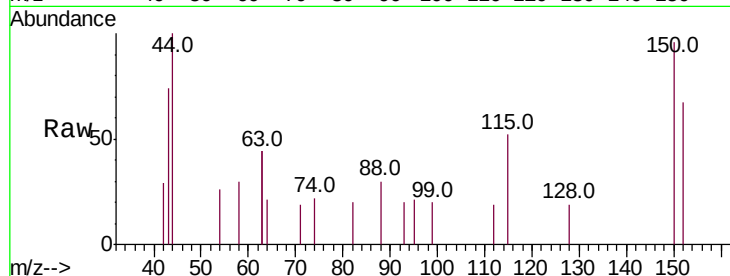


#1

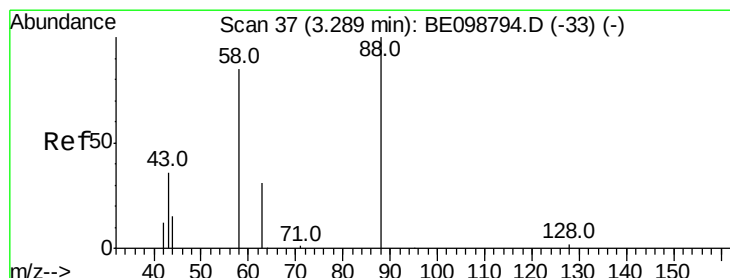
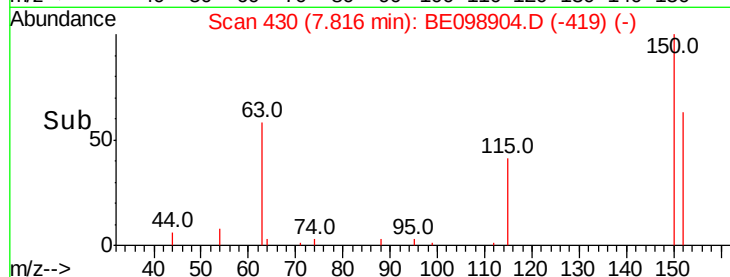
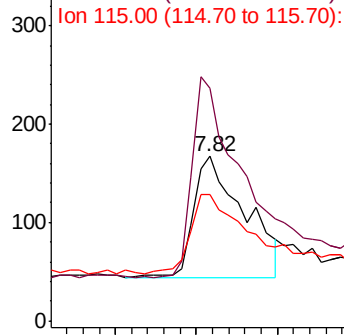
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.02 min
Lab File: BE098904.D
Acq: 12 Mar 2019 18:55

Instrument :
BNA_E
ClientSampleId :
RE122D1-20190308DL

Tot Ion:152 Resp: 536
Ion Ratio Lower Upper
152 100
150 141.9 122.5 183.7
115 77.2 57.4 86.2



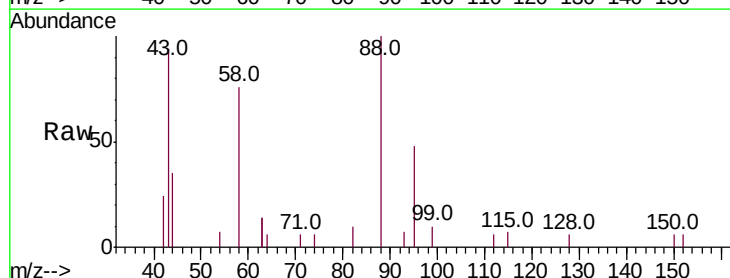
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



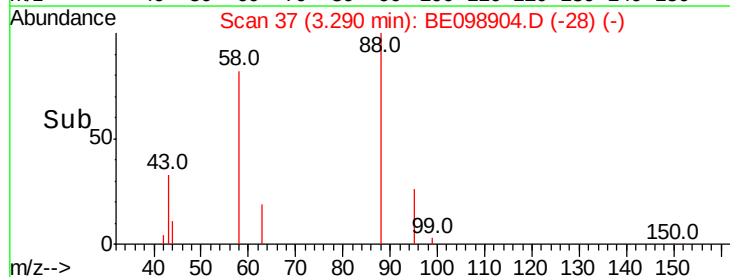
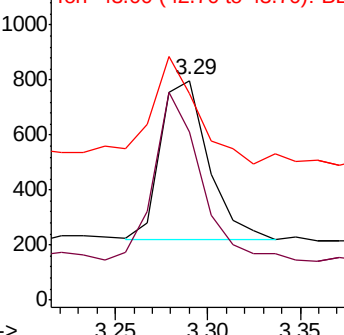
#2

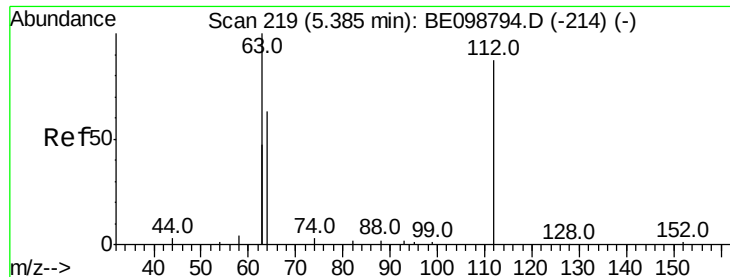
1,4-Dioxane
Concen: 1.150 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098904.D
Acq: 12 Mar 2019 18:55

Tgt Ion: 88 Resp: 1035
Ion Ratio Lower Upper
88 100
58 102.8 75.8 113.6
43 65.8 41.8 62.8#



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





#4

2-Fluorophenol

Concen: 0.002 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.02 min

Lab File: BE098904.D

Acq: 12 Mar 2019 18:55

Instrument :

BNA_E

ClientSampleId :

RE122D1-20190308DL

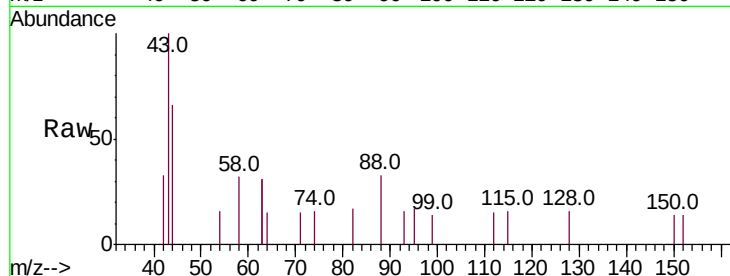
Tot Ion:112 Resp: 3

Ion Ratio Lower Upper

112 100

64 0.0 57.9 86.9#

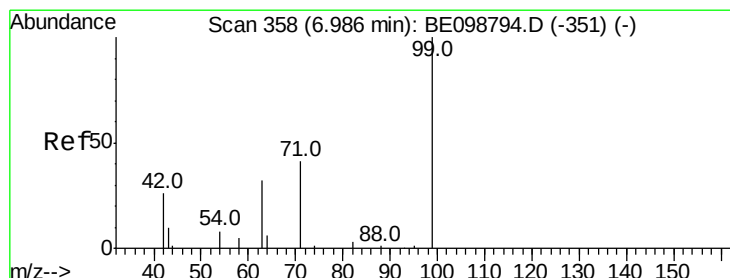
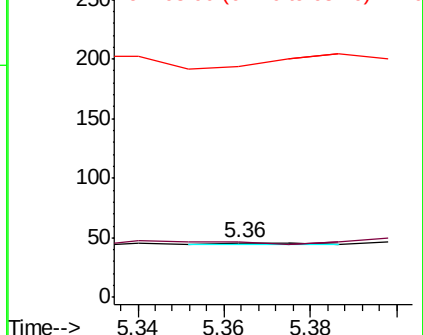
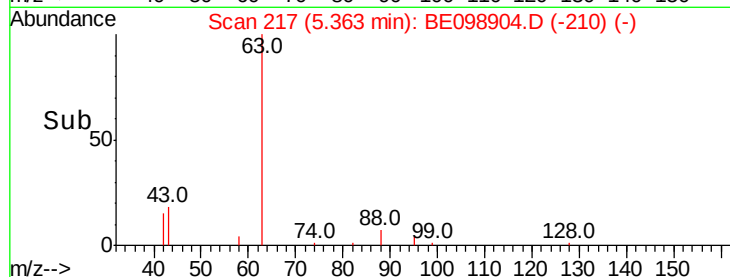
63 0.0 158.3 237.5#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.004 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.07 min

Lab File: BE098904.D

Acq: 12 Mar 2019 18:55

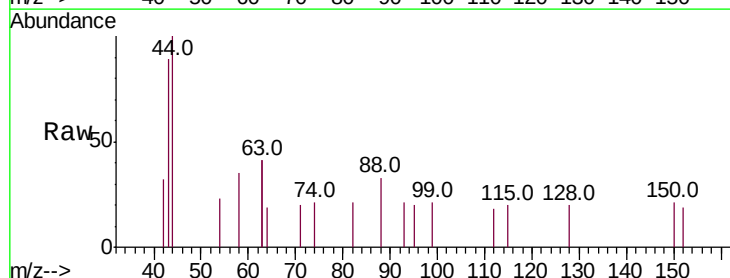
Tgt Ion: 99 Resp: 10

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

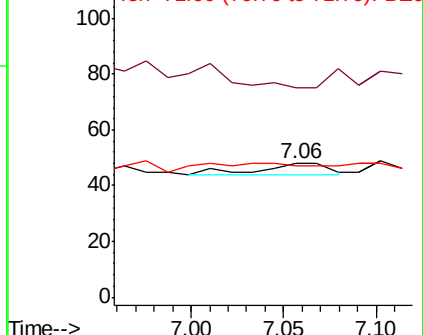
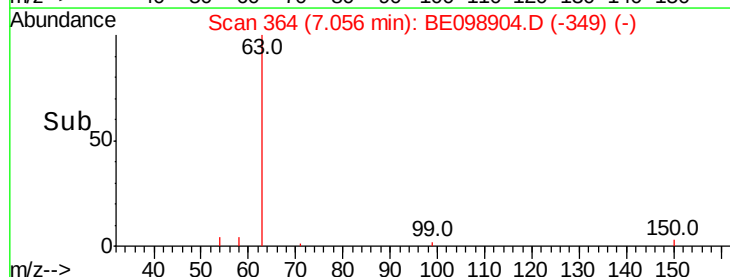
71 0.0 35.7 53.5#

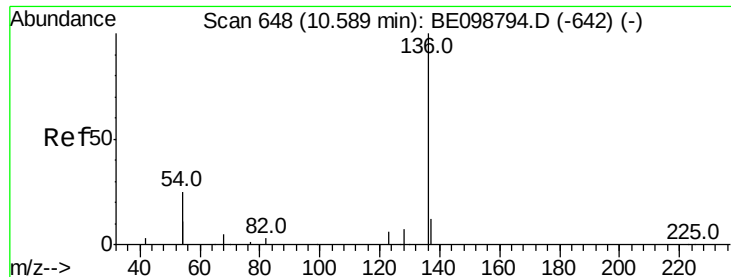


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.03 min

Lab File: BE098904.D

Acq: 12 Mar 2019 18:55

Instrument :

BNA_E

ClientSampleId :

RE122D1-20190308DL

Tot Ion:136 Resp: 2771

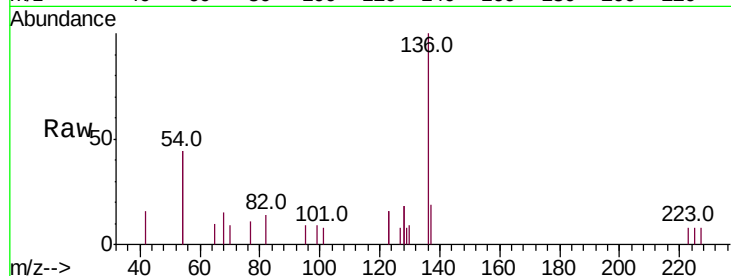
Ion Ratio Lower Upper

136 100

137 18.8 11.4 17.0#

54 87.1 39.3 58.9#

68 15.5 6.7 10.1#



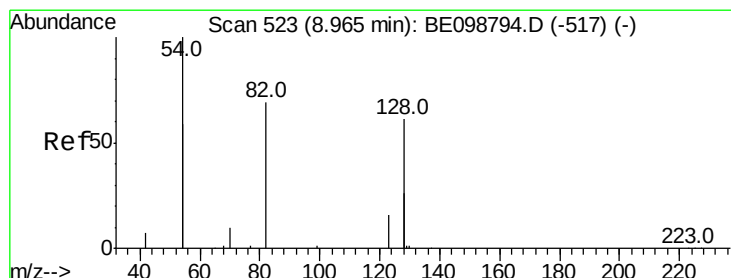
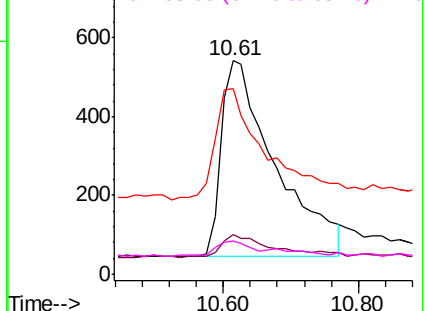
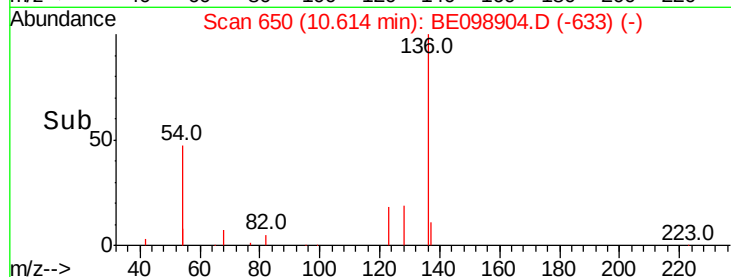
Abundance

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



#8

Nitrobenzene-d5

Concen: 0.004 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098904.D

Acq: 12 Mar 2019 18:55

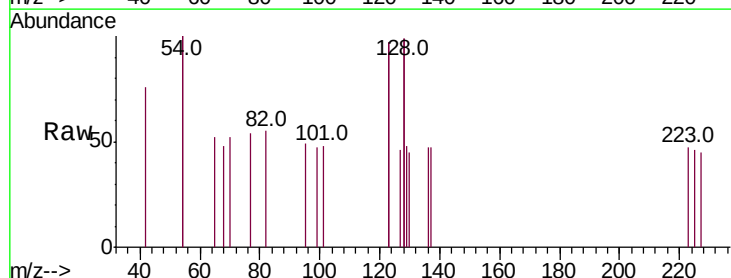
Tgt Ion: 82 Resp: 13

Ion Ratio Lower Upper

82 100

128 359.3 123.8 185.8#

54 363.0 203.4 305.2#

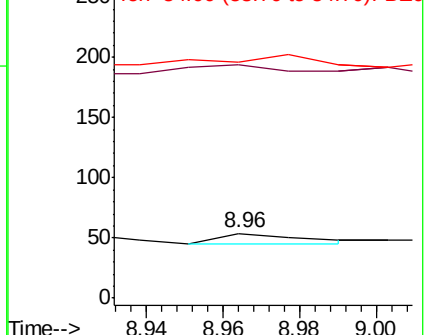
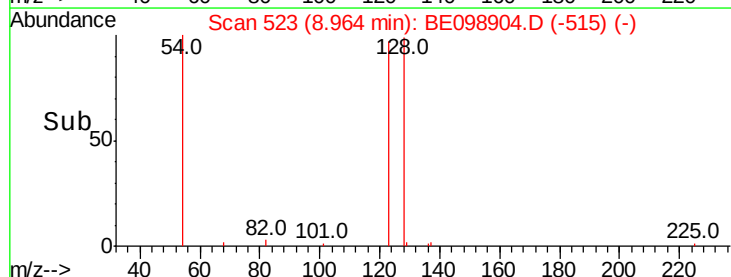


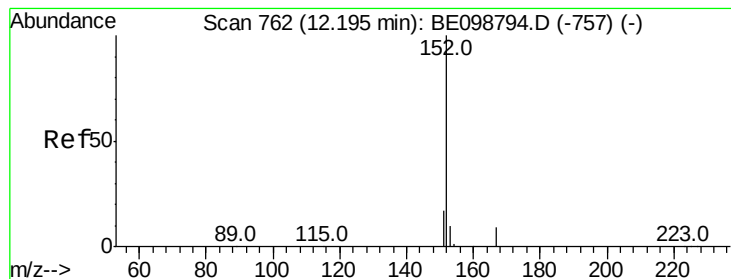
Abundance

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

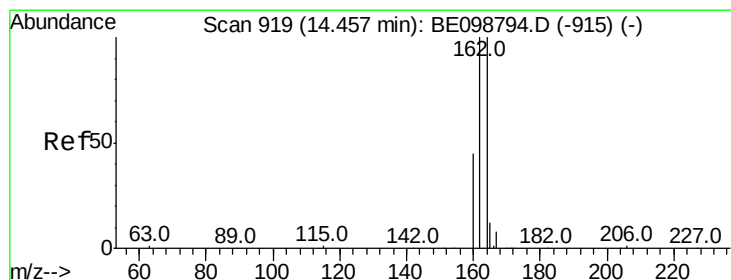
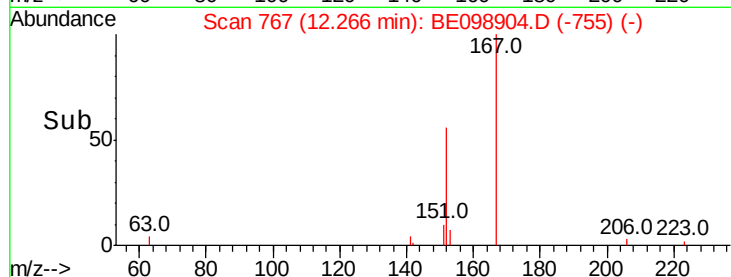
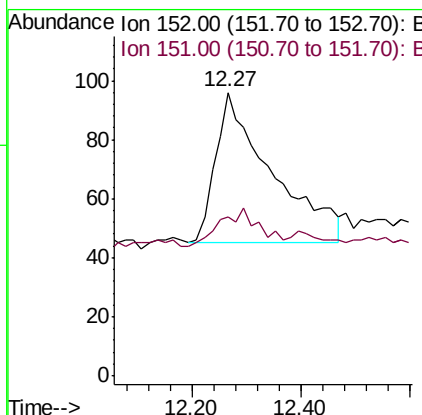
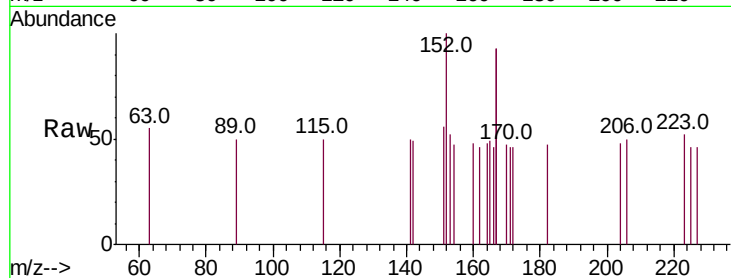




#11
 2-Methylnaphthalene-d10
 Concen: 0.072 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.07 min
 Lab File: BE098904.D
 Acq: 12 Mar 2019 18:55

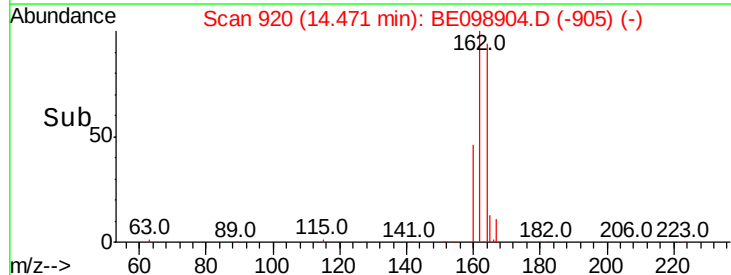
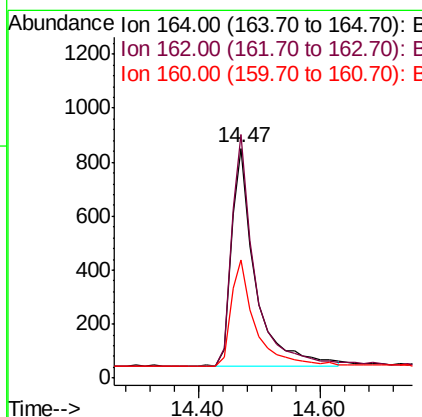
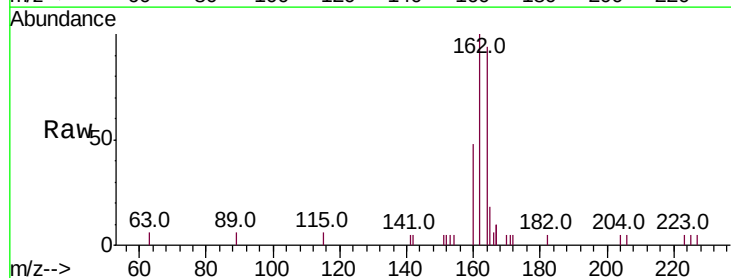
Instrument :
 BNA_E
 ClientSampleId :
 RE122D1-20190308DL

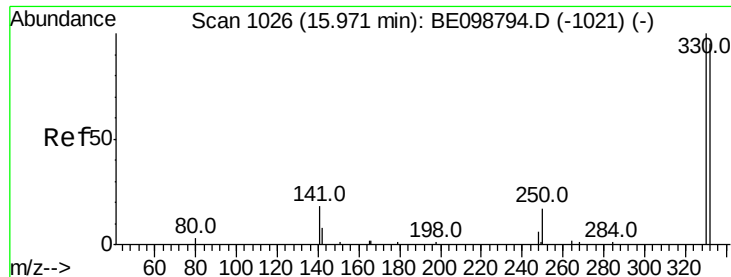
Tot Ion:152 Resp: 367
 Ion Ratio Lower Upper
 152 100
 151 0.0 16.5 24.7#



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: BE098904.D
 Acq: 12 Mar 2019 18:55

Tgt Ion:164 Resp: 2215
 Ion Ratio Lower Upper
 164 100
 162 106.0 80.2 120.2
 160 51.4 37.8 56.8

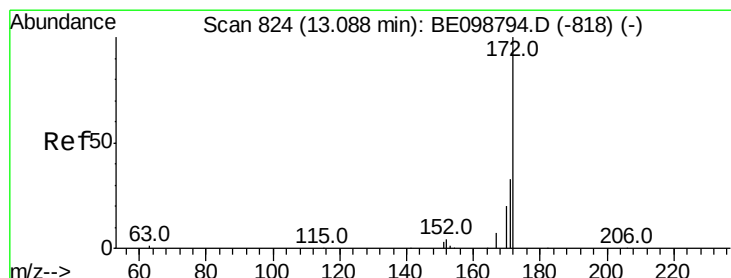
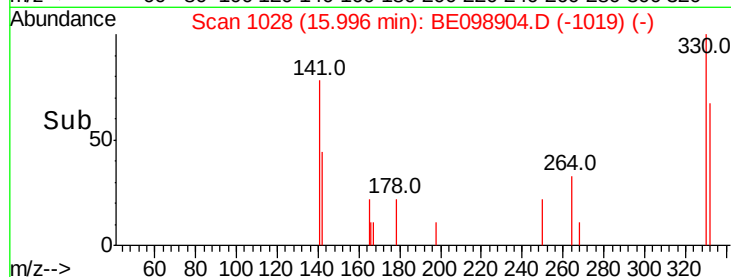
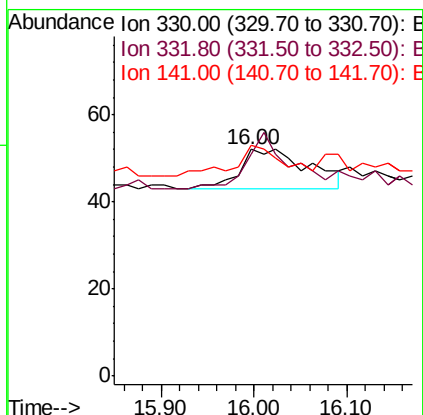
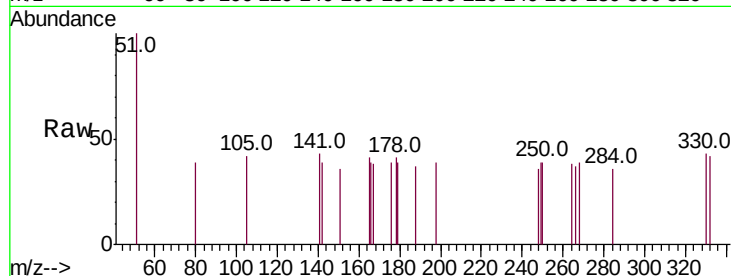




#14
 2,4,6-Tribromophenol
 Concen: 0.042 ng
 RT: 16.00 min Scan# 1028
 Delta R.T. 0.03 min
 Lab File: BE098904.D
 Acq: 12 Mar 2019 18:55

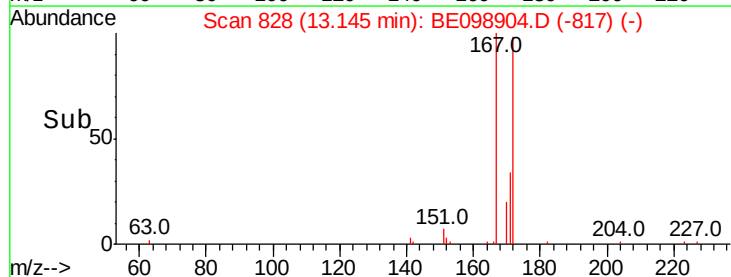
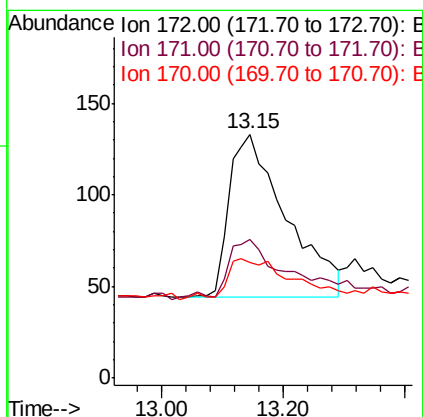
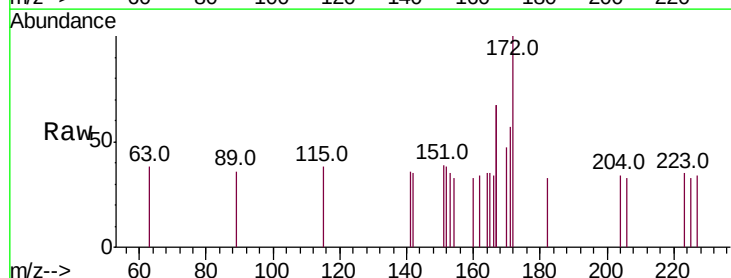
Instrument :
 BNA_E
 ClientSampleId :
 RE122D1-20190308DL

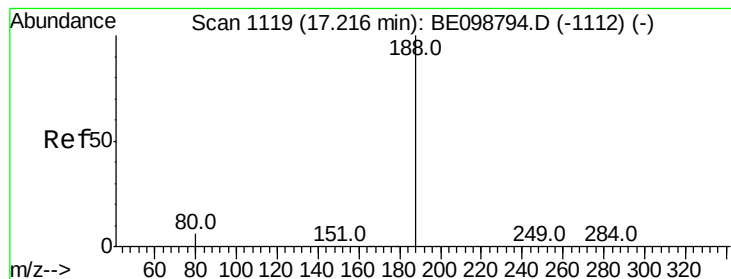
Tot Ion:330 Resp: 47
 Ion Ratio Lower Upper
 330 100
 332 89.4 77.6 116.4
 141 51.1 31.0 46.4#



#15
 2-Fluorobiphenyl
 Concen: 0.064 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.06 min
 Lab File: BE098904.D
 Acq: 12 Mar 2019 18:55

Tgt Ion:172 Resp: 583
 Ion Ratio Lower Upper
 172 100
 171 57.1 28.0 42.0#
 170 47.4 17.7 26.5#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BE098904.D

Acq: 12 Mar 2019 18:55

Instrument :

BNA_E

ClientSampleId :

RE122D1-20190308DL

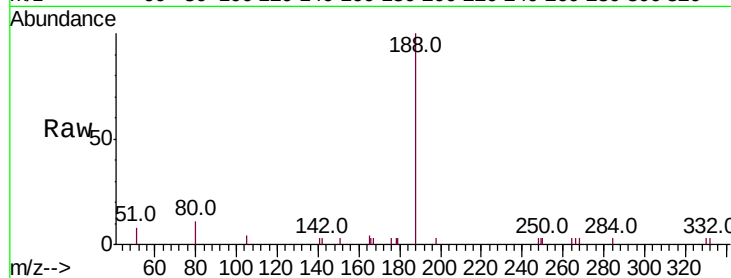
Tot Ion:188 Resp: 5459

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

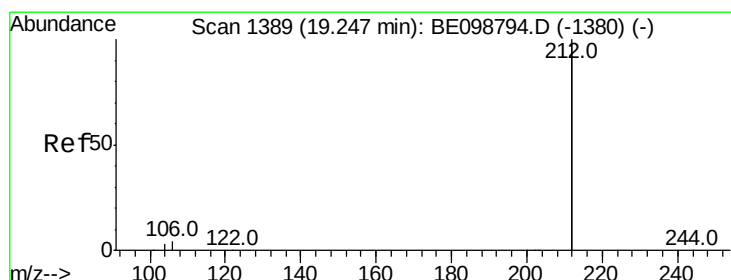
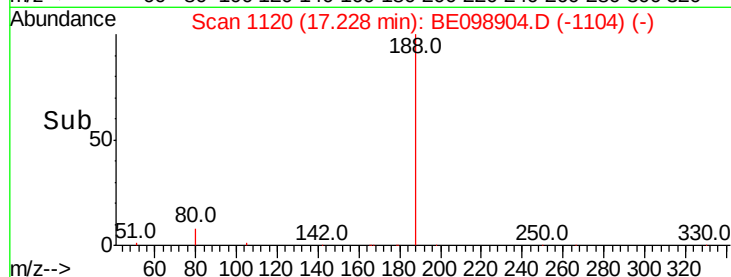
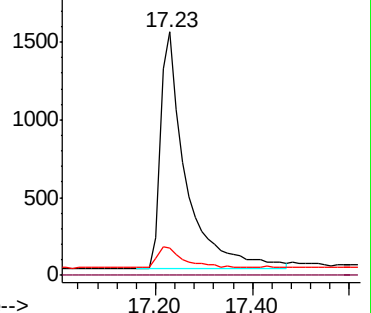
80 11.0 6.3 9.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#25

Fluoranthene-d10

Concen: 0.065 ng

RT: 19.27 min Scan# 1392

Delta R.T. 0.02 min

Lab File: BE098904.D

Acq: 12 Mar 2019 18:55

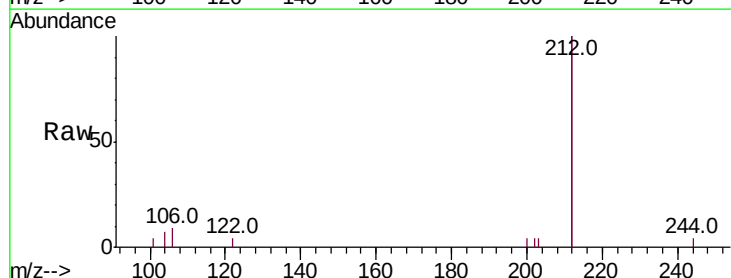
Tgt Ion:212 Resp: 5665

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

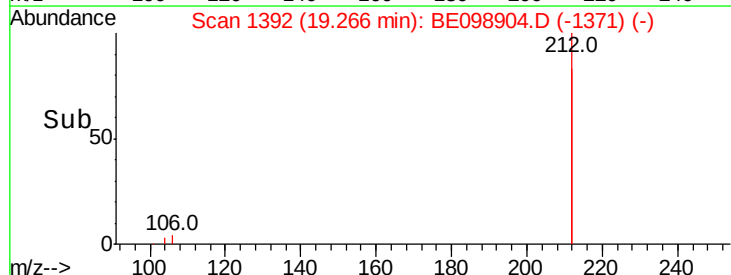
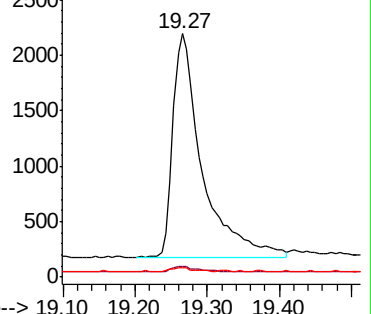
104 1.3 1.0 1.6

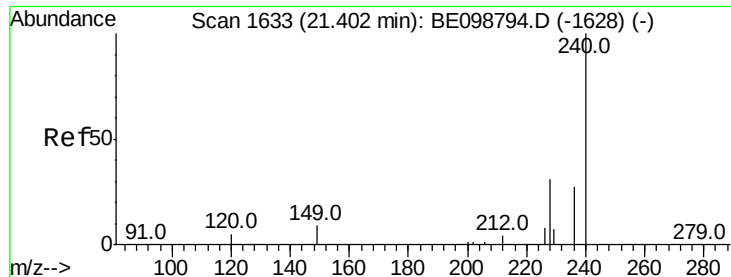


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

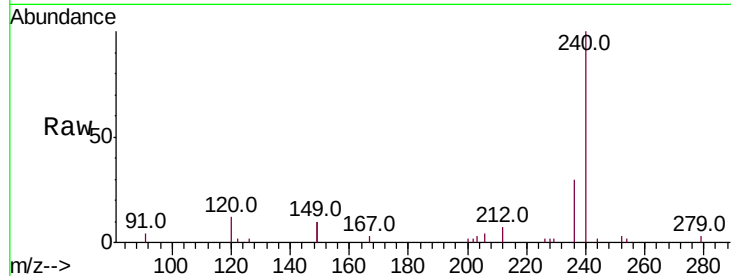




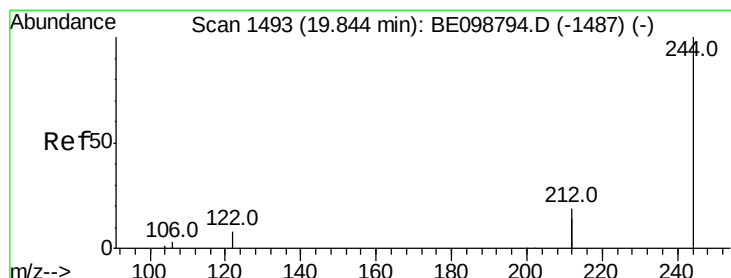
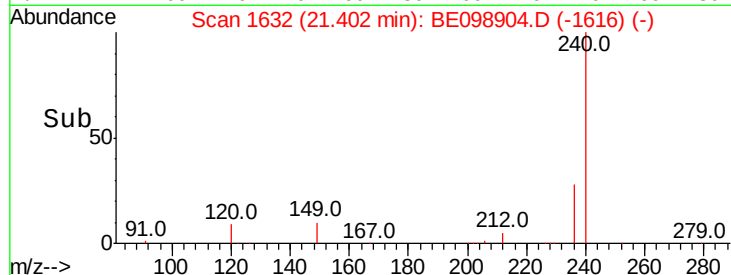
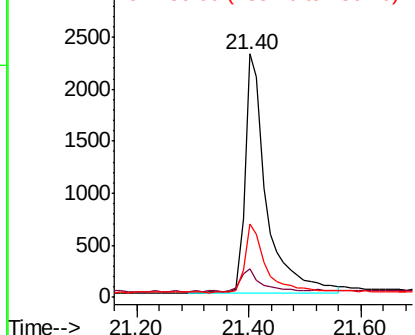
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BE098904.D
 Acq: 12 Mar 2019 18:55

Instrument :
 BNA_E
 ClientSampleId :
 RE122D1-20190308DL

Tot Ion:240 Resp: 5998
 Ion Ratio Lower Upper
 240 100
 120 11.6 5.0 7.4#
 236 30.0 22.7 34.1

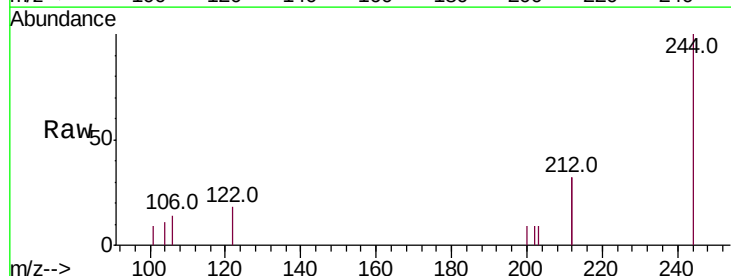


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

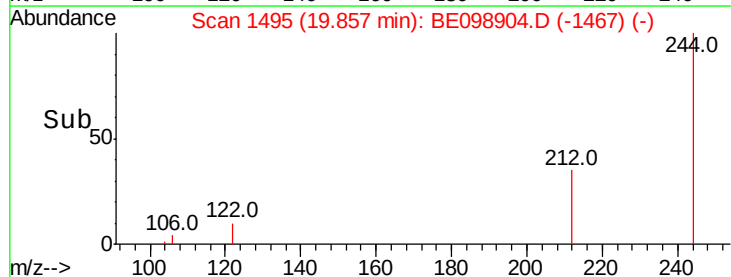
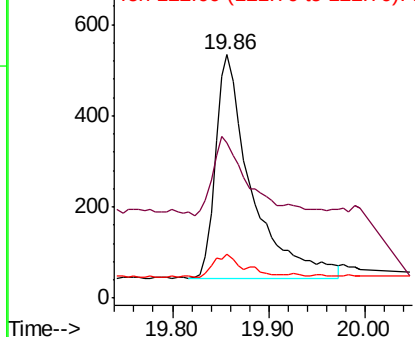


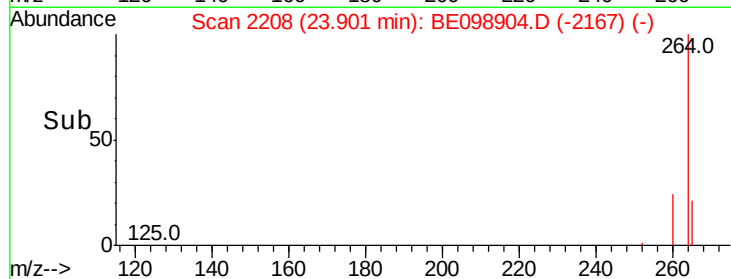
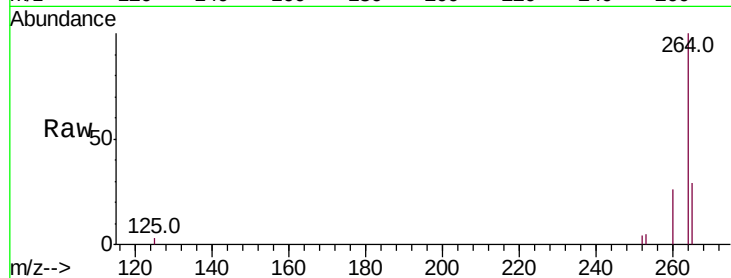
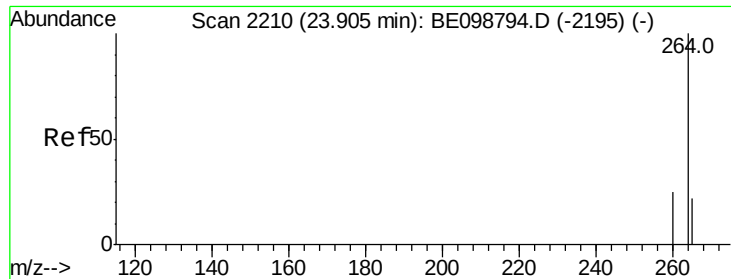
#29
 Terphenyl-d14
 Concen: 0.087 ng
 RT: 19.86 min Scan# 1495
 Delta R.T. 0.01 min
 Lab File: BE098904.D
 Acq: 12 Mar 2019 18:55

Tgt Ion:244 Resp: 1270
 Ion Ratio Lower Upper
 244 100
 212 63.7 29.4 44.2#
 122 18.0 7.1 10.7#



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





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BE098904.D

Acq: 12 Mar 2019 18:55

Instrument :

BNA_E

ClientSampleId :

RE122D1-20190308DL

Tot Ion:264 Resp: 6024

Ion Ratio Lower Upper

264 100

260 25.6 21.2 31.8

265 28.9 24.6 36.8

