

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031419\
 Data File : BE098960.D
 Acq On : 15 Mar 2019 1:26
 Operator : JU/SJ
 Sample : K1900-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW06-20190312

Quant Time: Mar 15 06:02:25 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

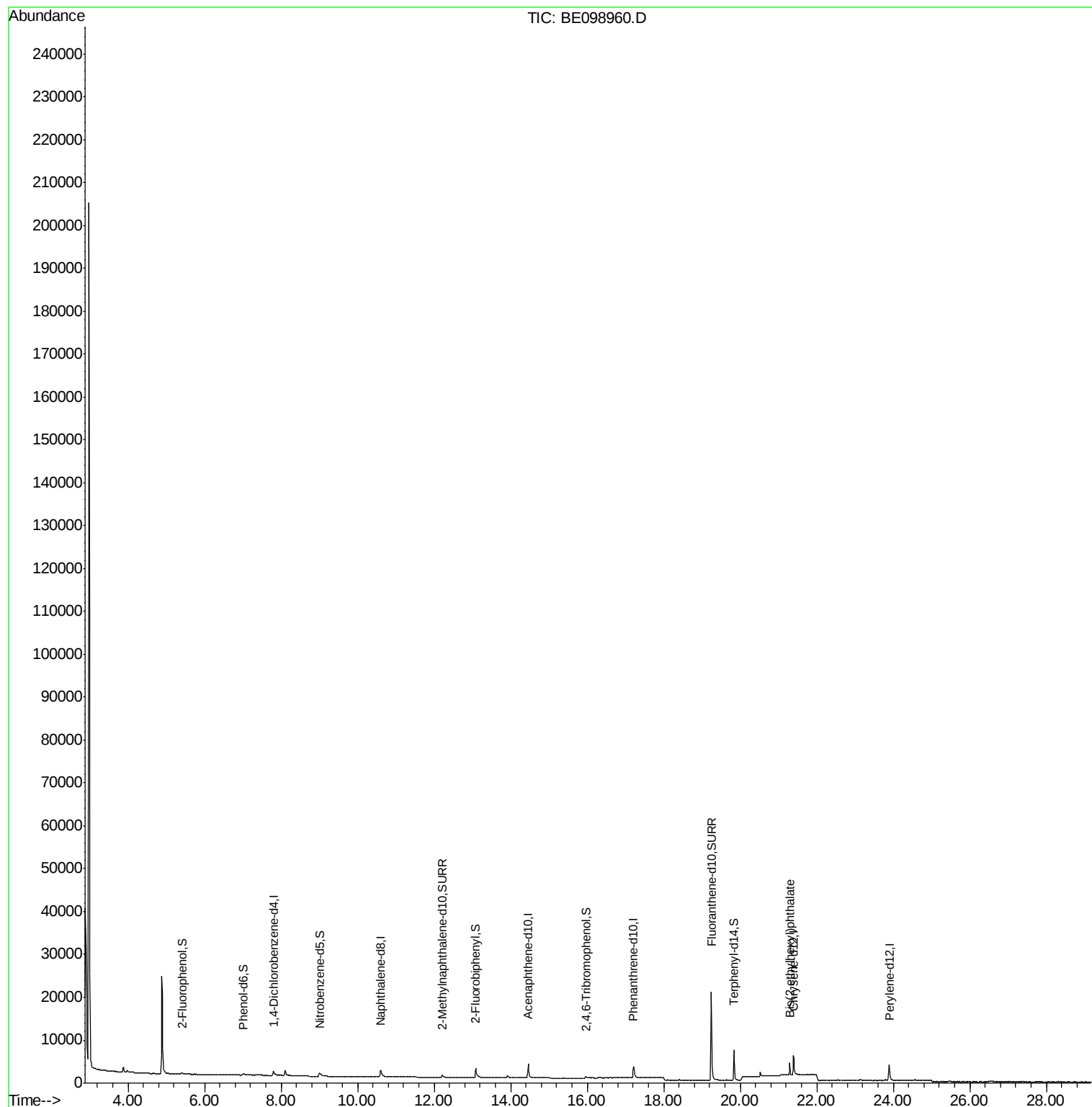
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	724	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3258	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2313	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5727	0.40	ng	0.00
27) Chrysene-d12	21.39	240	6401	0.40	ng	-0.01
34) Perylene-d12	23.89	264	6190	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	395	0.18	ng	0.03
5) Phenol-d6	7.00	99	252	0.08	ng	0.01
8) Nitrobenzene-d5	9.02	82	1188	0.35	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	2237	0.37	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	430	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4092	0.43	ng	0.00
25) Fluoranthene-d10	19.24	212	33289	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	7116	0.46	ng	0.00
Target Compounds						
32) Bis(2-ethylhexyl)phthalate	21.29	149	3305	0.078	ng	Qvalue 100

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

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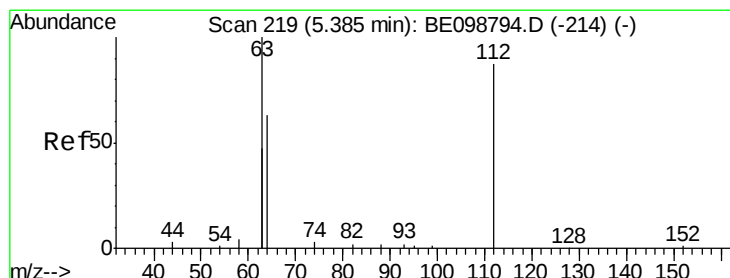
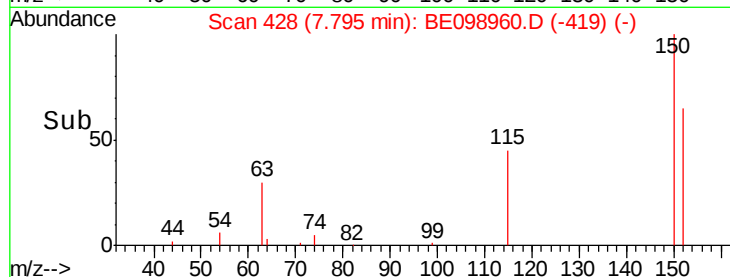
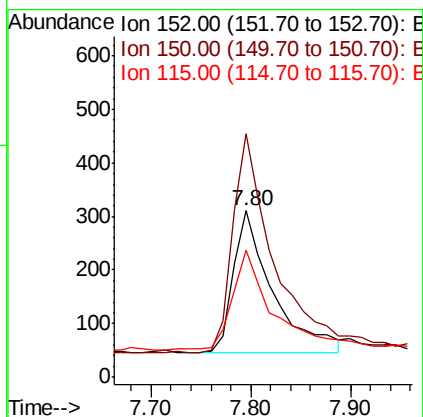
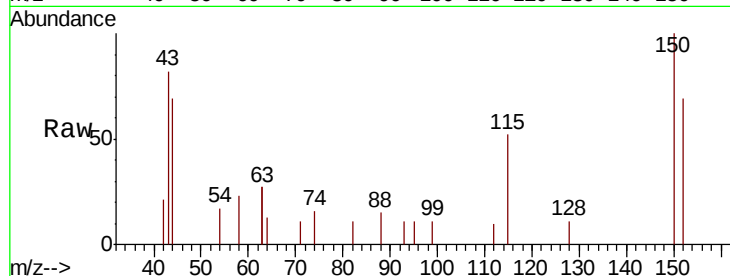


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.80 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BE098960.D
 Acq: 15 Mar 2019 1:26

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW06-20190312

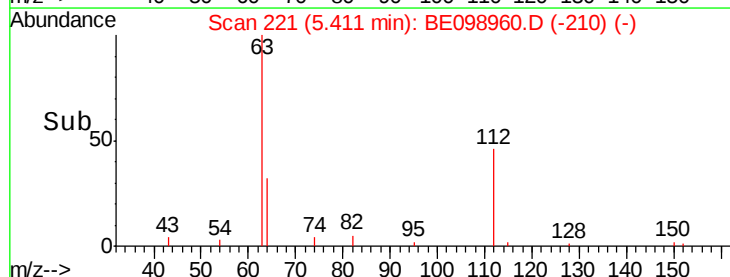
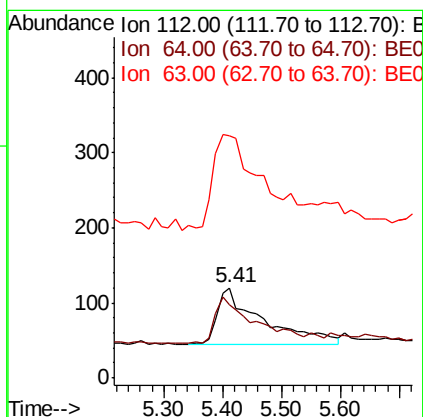
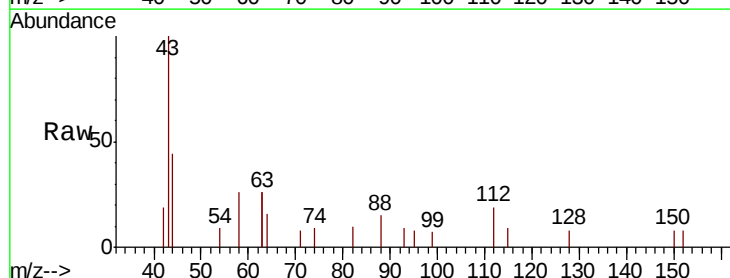
Tot Ion:152 Resp: 724
 Ion Ratio Lower Upper
 152 100
 150 146.0 122.5 183.7
 115 76.5 57.4 86.2

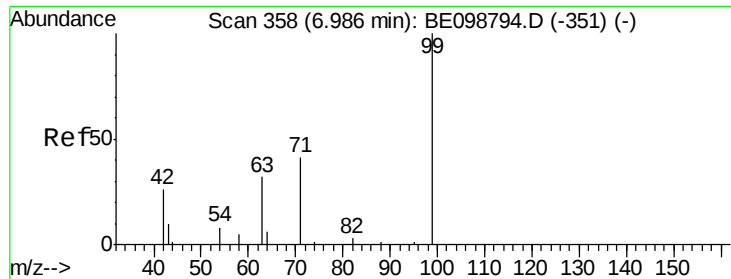


#4

2-Fluorophenol
 Concen: 0.183 ng
 RT: 5.41 min Scan# 221
 Delta R.T. 0.03 min
 Lab File: BE098960.D
 Acq: 15 Mar 2019 1:26

Tgt Ion:112 Resp: 395
 Ion Ratio Lower Upper
 112 100
 64 73.9 57.9 86.9
 63 179.5 158.3 237.5





#5

Phenol-d6

Concen: 0.082 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098960.D

Acq: 15 Mar 2019 1:26

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20190312

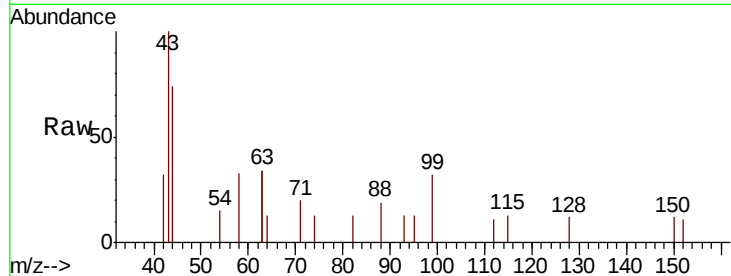
Tot Ion: 99 Resp: 252

Ion Ratio Lower Upper

99 100

42 56.7 24.2 36.2#

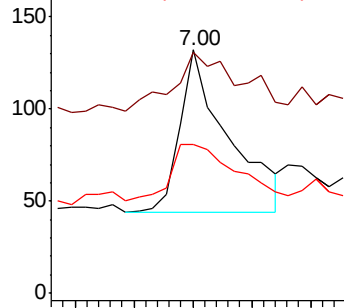
71 47.6 35.7 53.5



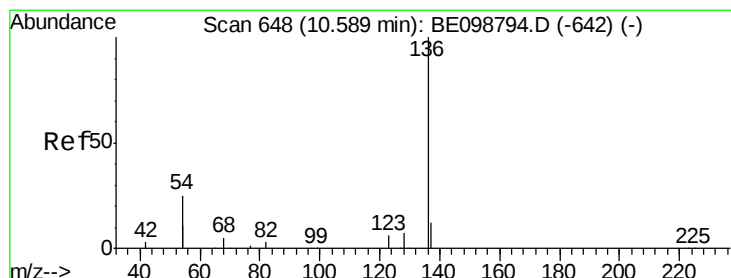
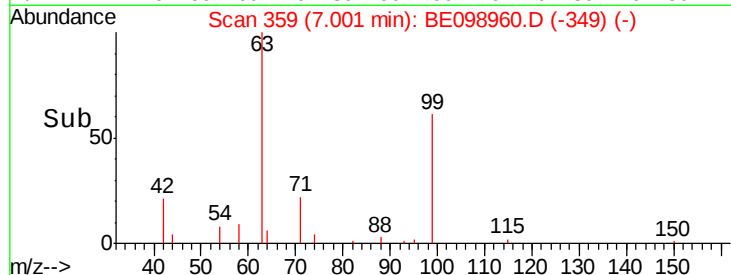
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.90 6.95 7.00 7.05 7.10



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098960.D

Acq: 15 Mar 2019 1:26

Tgt Ion: 136 Resp: 3258

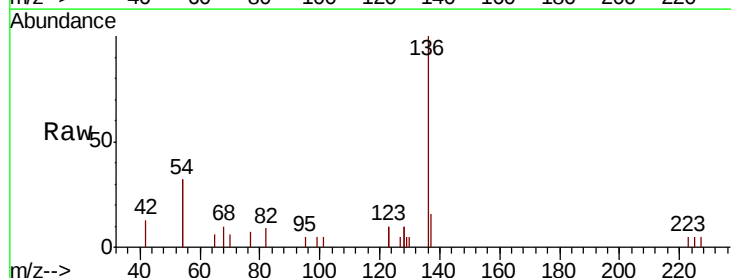
Ion Ratio Lower Upper

136 100

137 15.7 11.4 17.0

54 63.7 39.3 58.9#

68 9.7 6.7 10.1

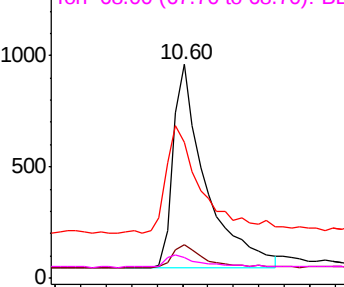


Abundance Ion 136.00 (135.70 to 136.70): E

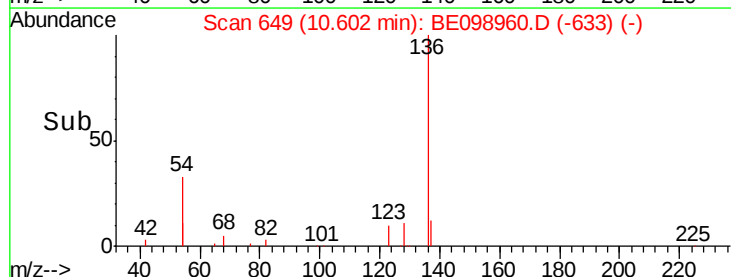
Ion 137.00 (136.70 to 137.70): E

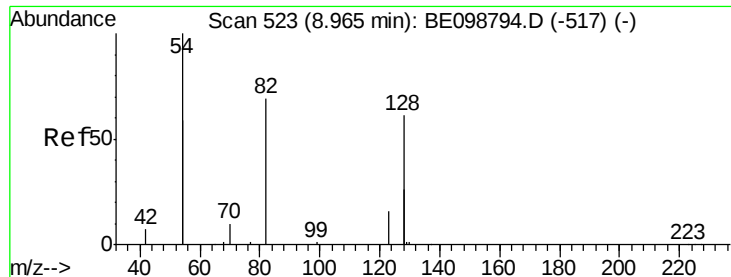
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 10.40 10.60 10.80





#8

Nitrobenzene-d5

Concen: 0.348 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE098960.D

Acq: 15 Mar 2019 1:26

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20190312

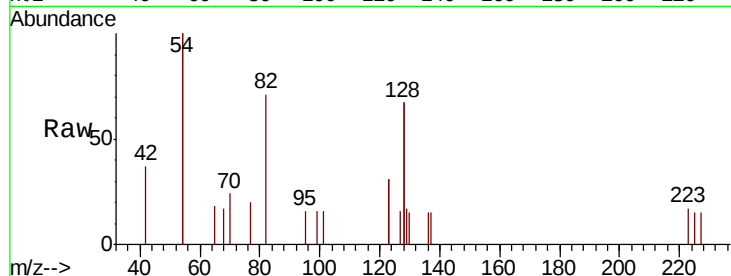
Tot Ion: 82 Resp: 1188

Ion Ratio Lower Upper

82 100

128 188.7 123.8 185.8#

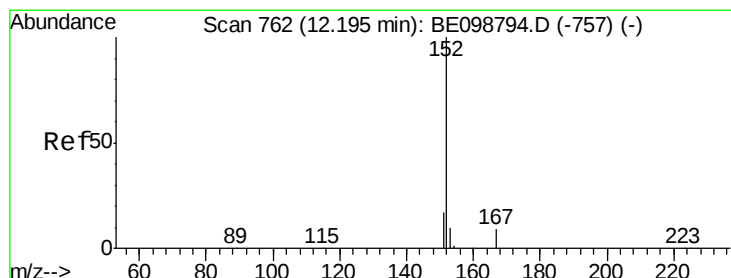
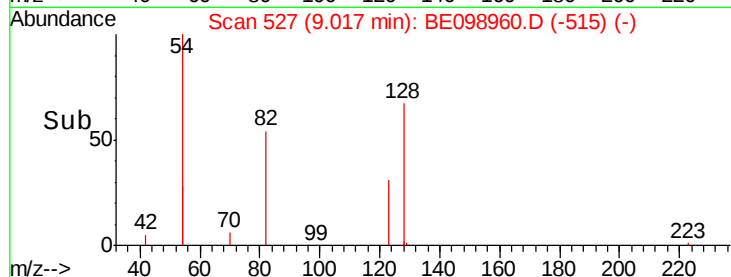
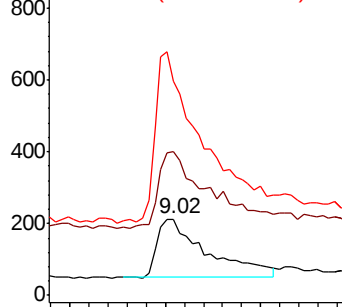
54 281.1 203.4 305.2



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: 0.371 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE098960.D

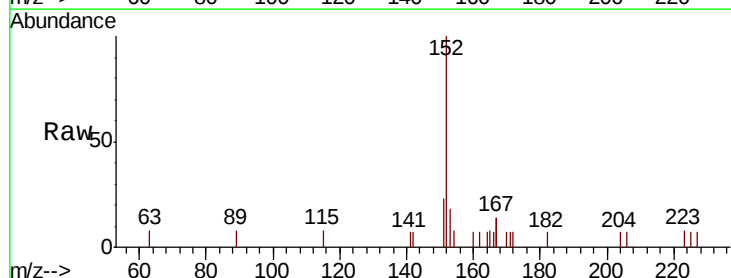
Acq: 15 Mar 2019 1:26

Tgt Ion: 152 Resp: 2237

Ion Ratio Lower Upper

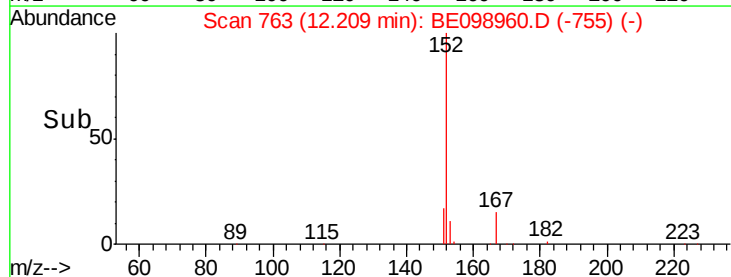
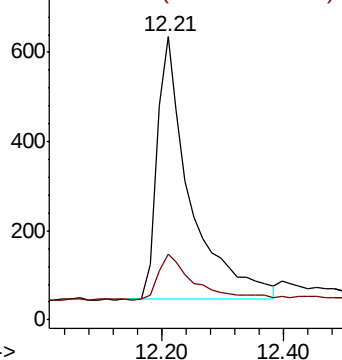
152 100

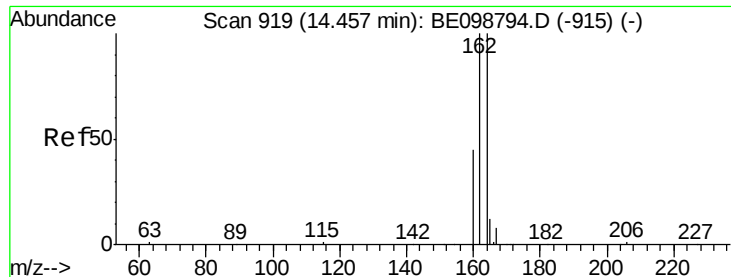
151 19.6 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

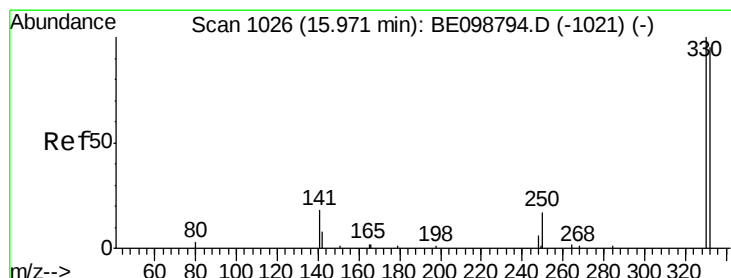
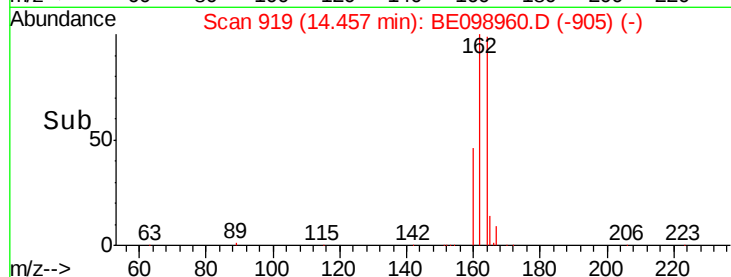
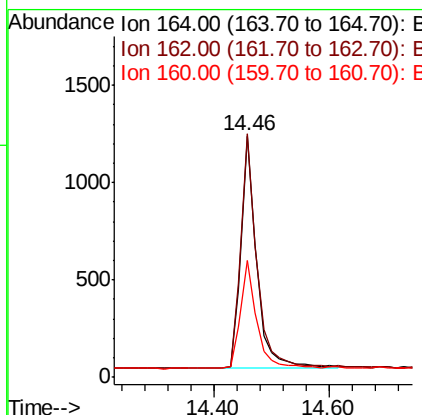
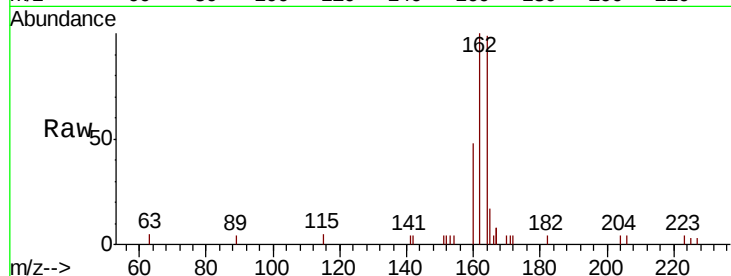




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098960.D
Acq: 15 Mar 2019 1:26

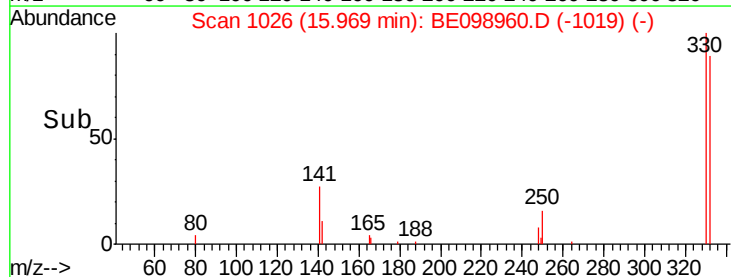
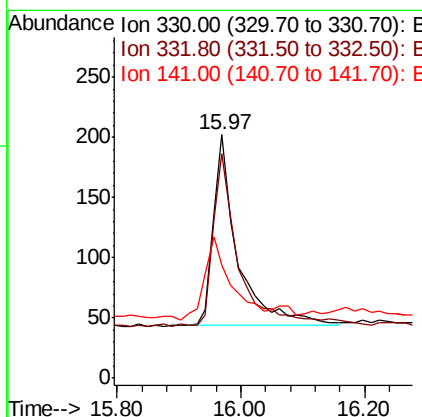
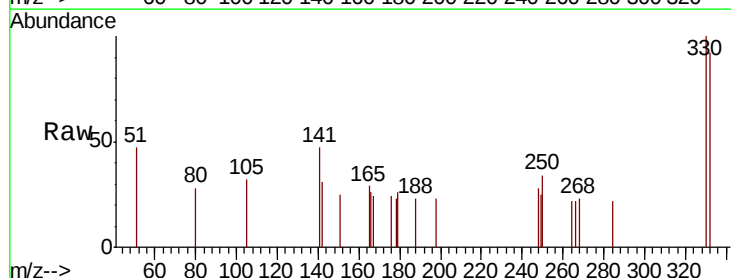
Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW06-20190312

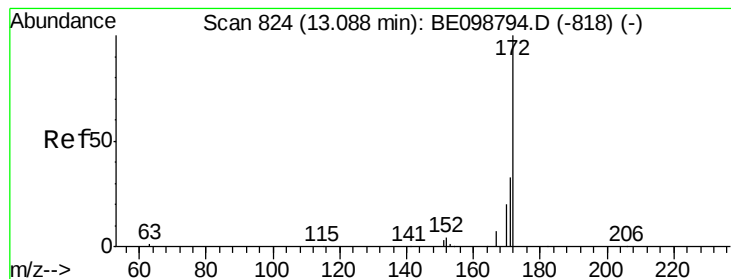
Tot Ion:164 Resp: 2313
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.2
160 48.5 37.8 56.8



#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098960.D
Acq: 15 Mar 2019 1:26

Tgt Ion:330 Resp: 430
Ion Ratio Lower Upper
330 100
332 94.2 77.6 116.4
141 48.1 31.0 46.4#

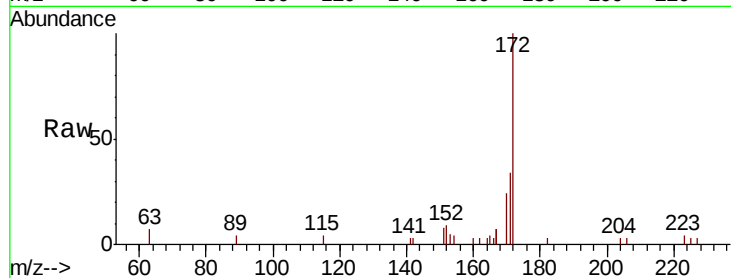




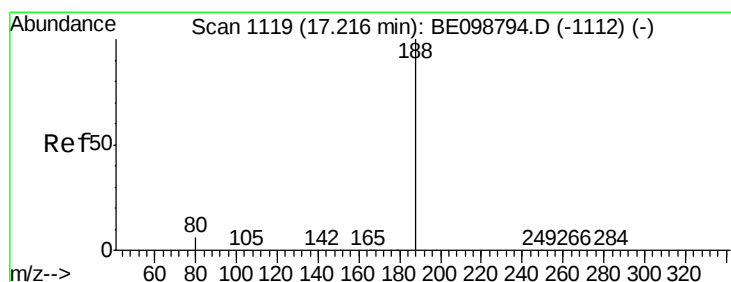
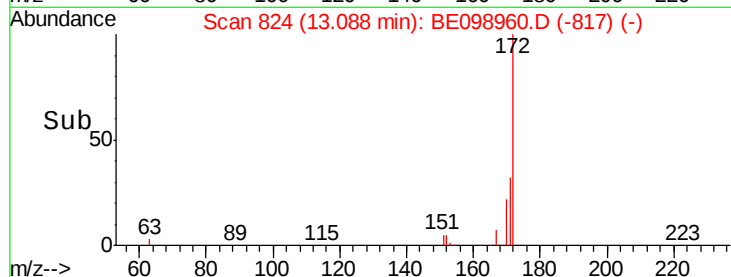
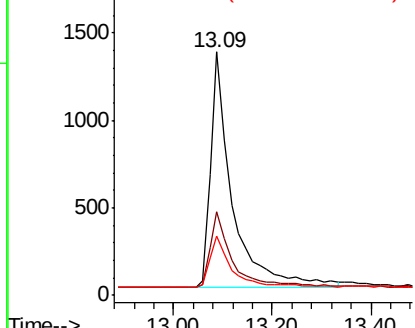
#15
2-Fluorobiphenyl
Concen: 0.427 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098960.D
Acq: 15 Mar 2019 1:26

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW06-20190312

Tot Ion:172 Resp: 4092
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 24.3 17.7 26.5

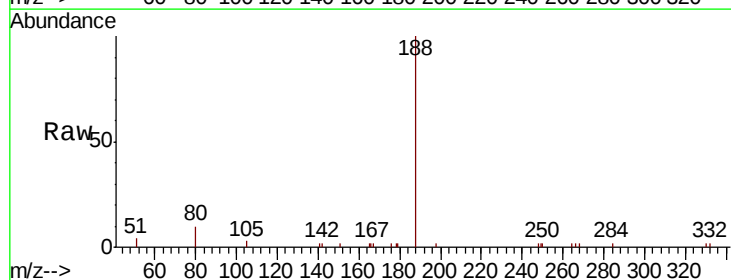


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

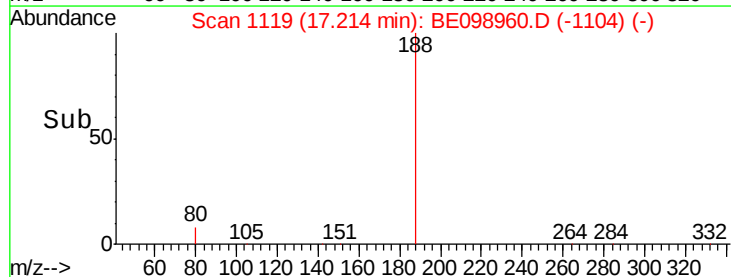
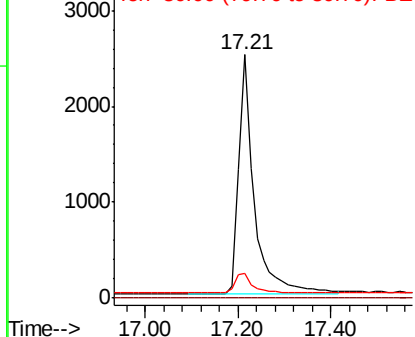


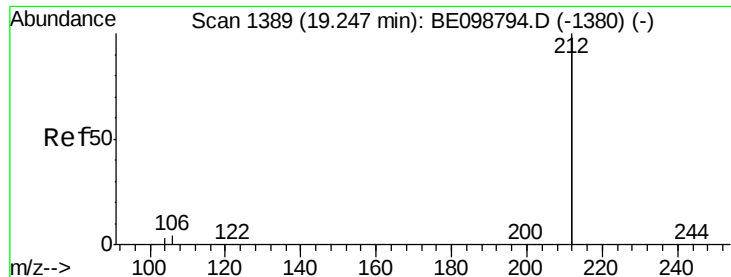
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098960.D
Acq: 15 Mar 2019 1:26

Tgt Ion:188 Resp: 5727
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 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: 0.364 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098960.D

Acq: 15 Mar 2019 1:26

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20190312

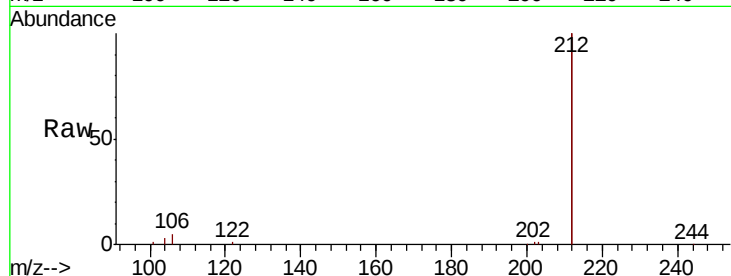
Tot Ion:212 Resp: 33289

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

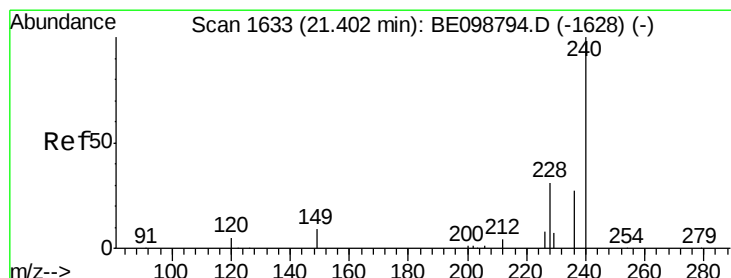
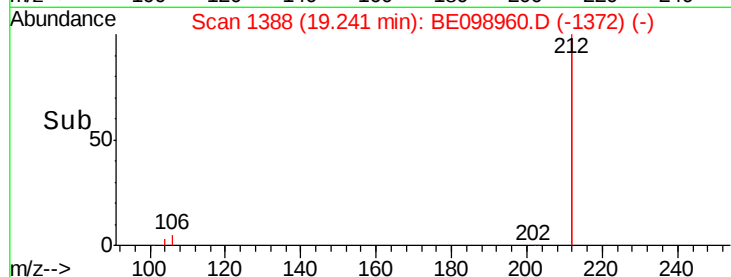
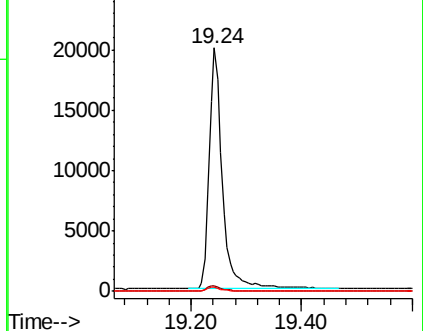
104 1.3 1.0 1.6



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: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE098960.D

Acq: 15 Mar 2019 1:26

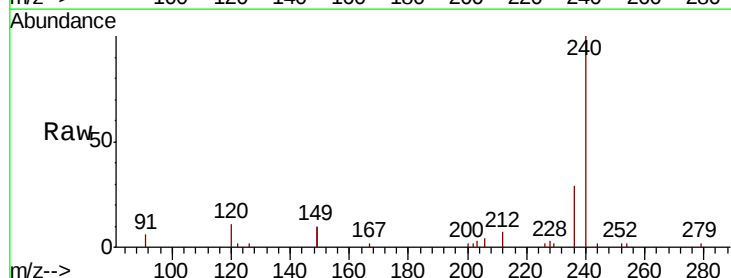
Tgt Ion:240 Resp: 6401

Ion Ratio Lower Upper

240 100

120 10.9 5.0 7.4#

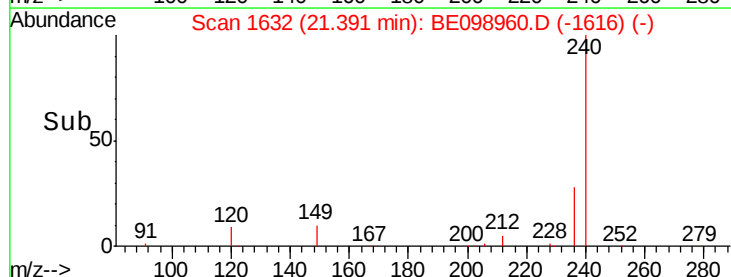
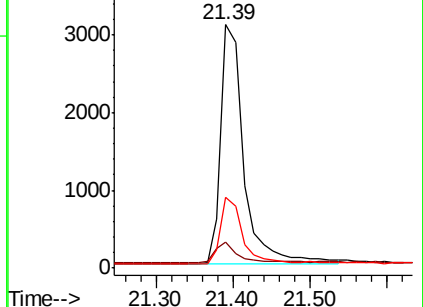
236 29.2 22.7 34.1

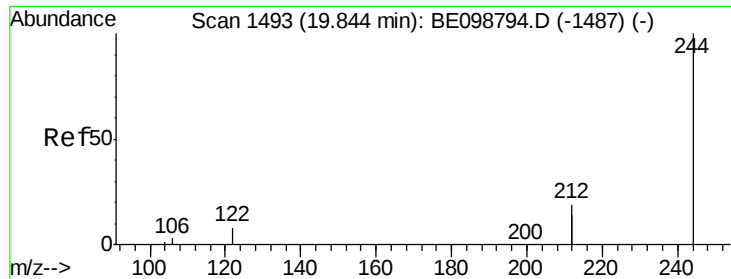


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.457 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098960.D

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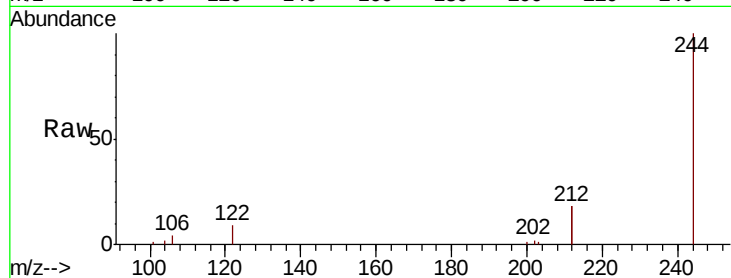
Tot Ion:244 Resp: 7116

Ion Ratio Lower Upper

244 100

212 36.2 29.4 44.2

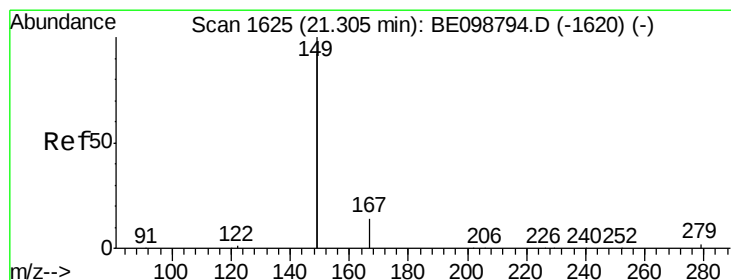
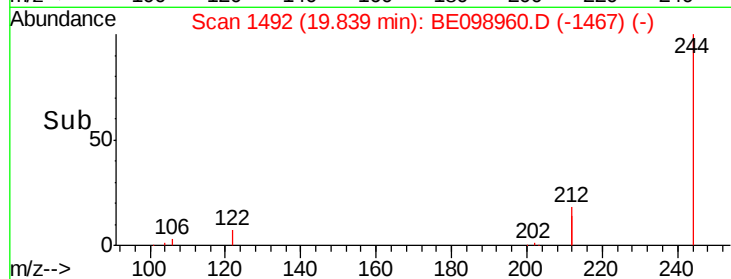
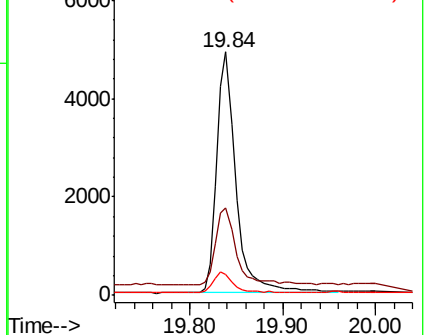
122 8.6 7.1 10.7



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.078 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098960.D

Acq: 15 Mar 2019 1:26

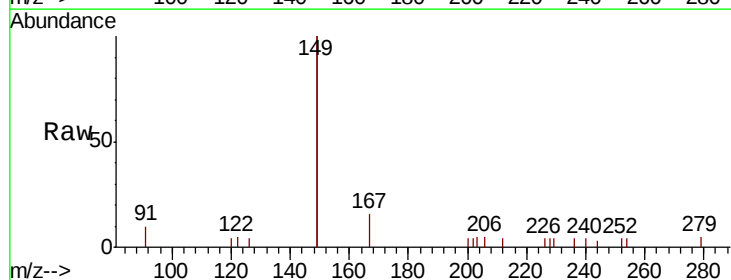
Tgt Ion:149 Resp: 3305

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

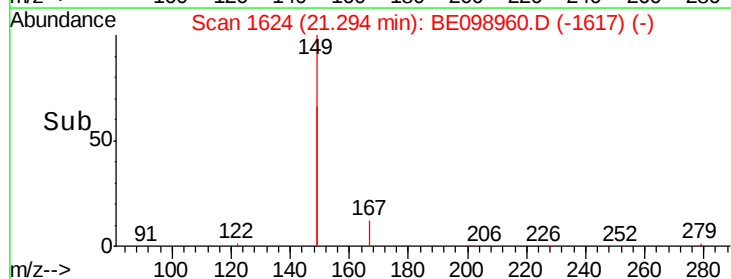
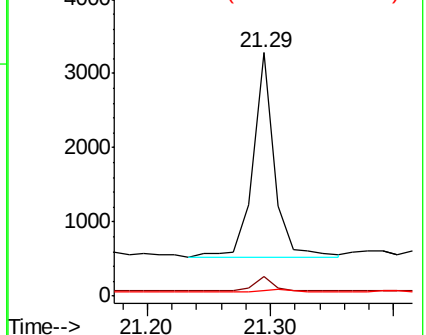
279 1.3 1.0 1.4

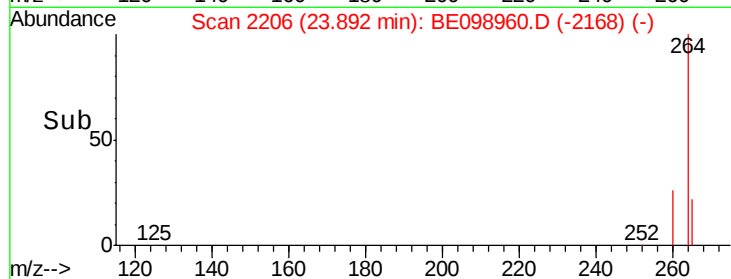
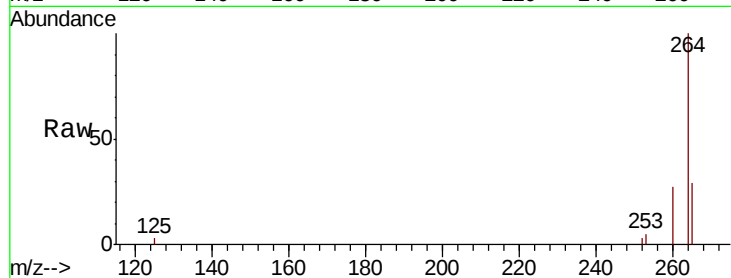


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BE098960.D
 Acq: 15 Mar 2019 1:26

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW06-20190312

Tot Ion:264 Resp: 6190
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.2 31.8
 265 29.4 24.6 36.8

