

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121318\
 Data File : BE098403.D
 Acq On : 13 Dec 2018 18:58
 Operator : SJ/JU
 Sample : J6323-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-122D1-20181206

Quant Time: Dec 13 21:10:30 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

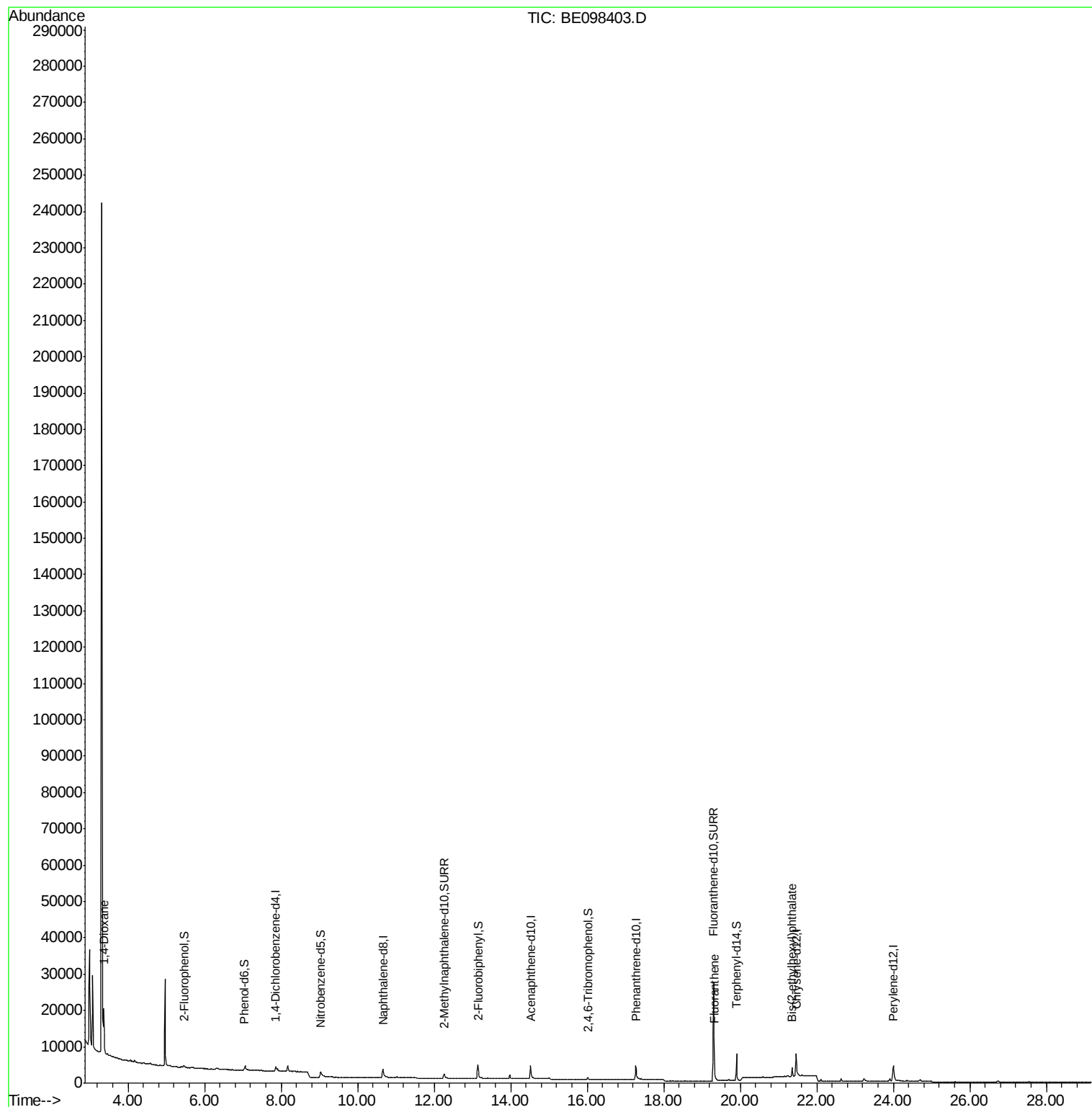
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	938	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3917	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2459	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	7034	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	8459	0.40	ng	0.00
34) Perylene-d12	24.00	264	7934	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	439	0.20	ng	0.01
5) Phenol-d6	7.04	99	375	0.12	ng	0.00
8) Nitrobenzene-d5	9.03	82	1405	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	2709	0.43	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	552	0.61	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	4847	0.47	ng	0.00
25) Fluoranthene-d10	19.30	212	41683	0.46	ng	0.00
29) Terphenyl-d14	19.90	244	7894	0.38	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	5091	3.138	ng	Qvalue # 93
26) Fluoranthene	19.33	202	494	0.022	ng	# 95
32) Bis(2-ethylhexyl)phthalate	21.35	149	3339	0.068	ng	# 98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121318\
Data File : BE098403.D
Acq On : 13 Dec 2018 18:58
Operator : SJ/JU
Sample : J6323-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181206

Quant Time: Dec 13 21:10:30 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE098403.D

Acq: 13 Dec 2018 18:58

Instrument :

BNA_E

ClientSampleId :

RE-122D1-20181206

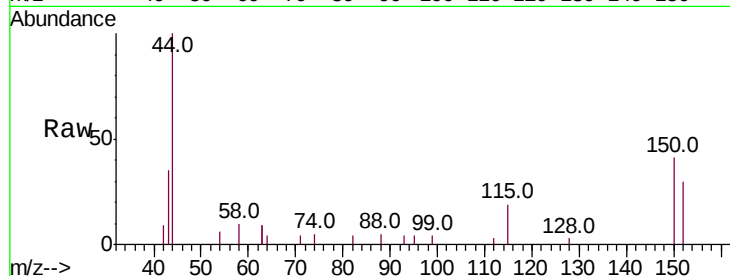
Tot Ion:152 Resp: 938

Ion Ratio Lower Upper

152 100

150 137.9 124.2 186.4

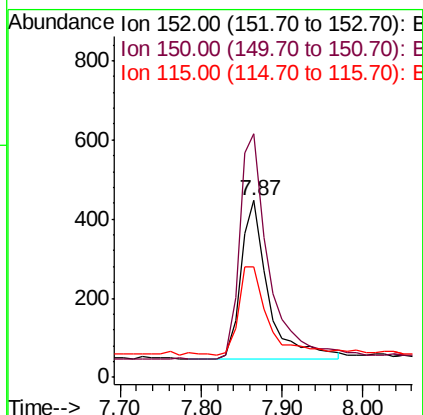
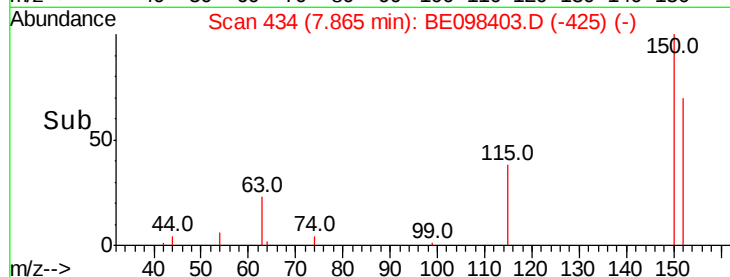
115 62.8 53.9 80.9



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: 3.138 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.01 min

Lab File: BE098403.D

Acq: 13 Dec 2018 18:58

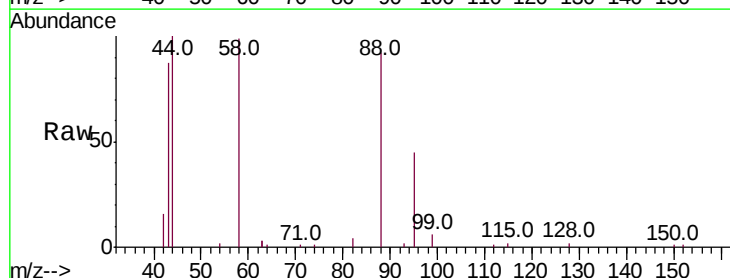
Tgt Ion: 88 Resp: 5091

Ion Ratio Lower Upper

88 100

58 95.8 75.0 112.6

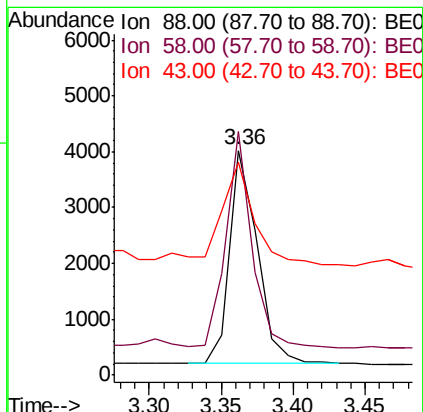
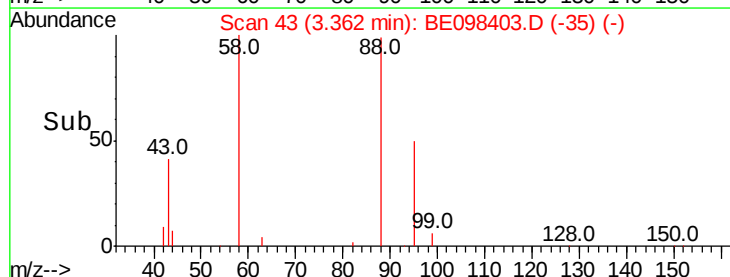
43 59.9 38.3 57.5#



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





#4

2-Fluorophenol

Concen: 0.200 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098403.D

Acq: 13 Dec 2018 18:58

Instrument :

BNA_E

ClientSampleId :

RE-122D1-20181206

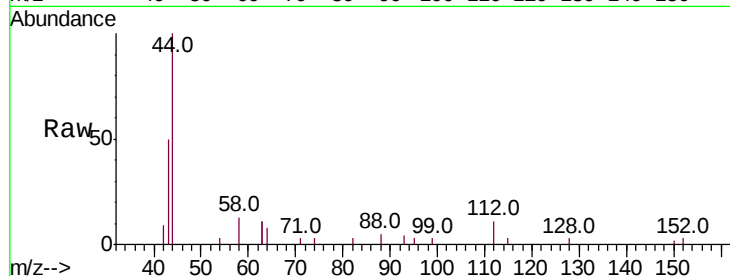
Tot Ion:112 Resp: 439

Ion Ratio Lower Upper

112 100

64 79.5 59.8 89.8

63 179.0 133.7 200.5



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

600

400

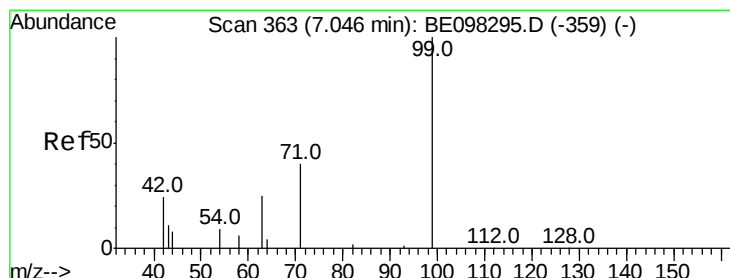
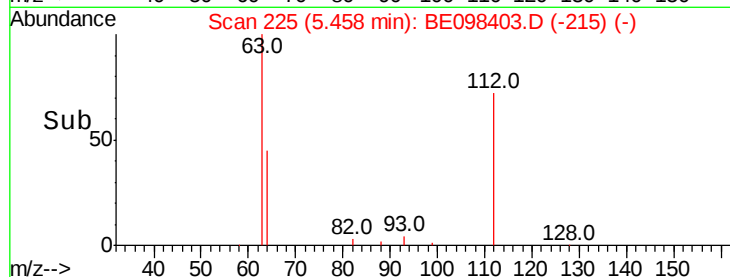
200

0

5.46

5.40 5.50 5.60

Time-->



#5

Phenol-d6

Concen: 0.121 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098403.D

Acq: 13 Dec 2018 18:58

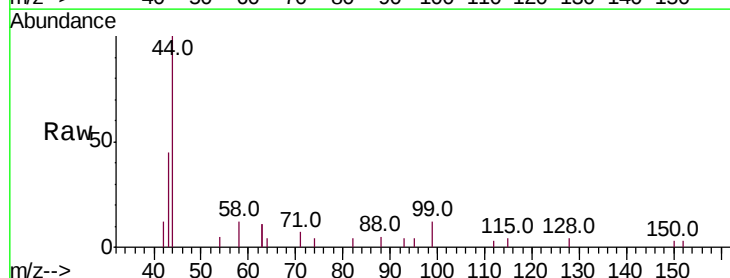
Tgt Ion: 99 Resp: 375

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

71 41.3 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

250

200

150

100

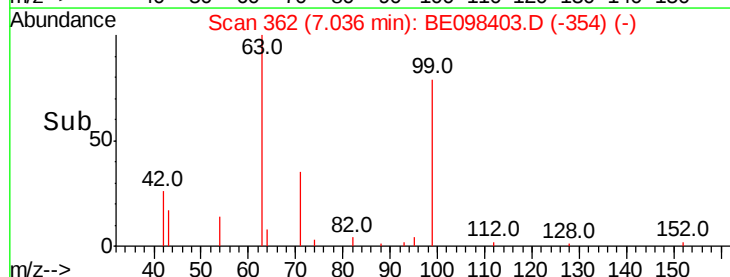
50

0

7.04

6.90 7.00 7.10 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098403.D

Acq: 13 Dec 2018 18:58

Instrument :

BNA_E

ClientSampleId :

RE-122D1-20181206

Tot Ion:136 Resp: 3917

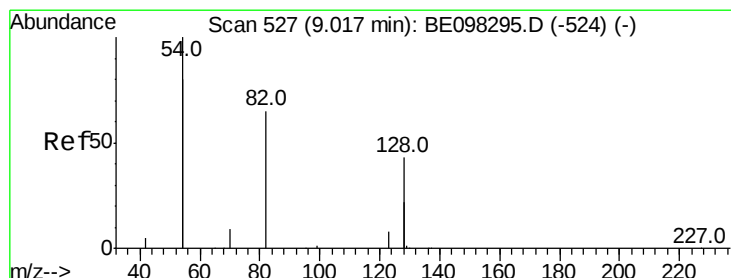
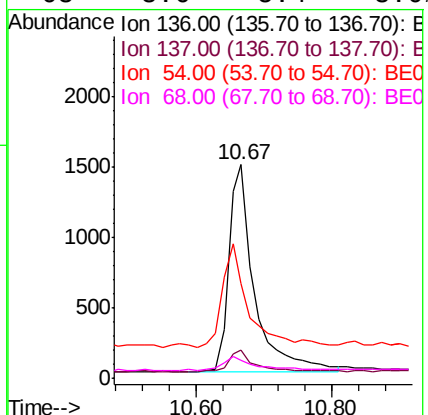
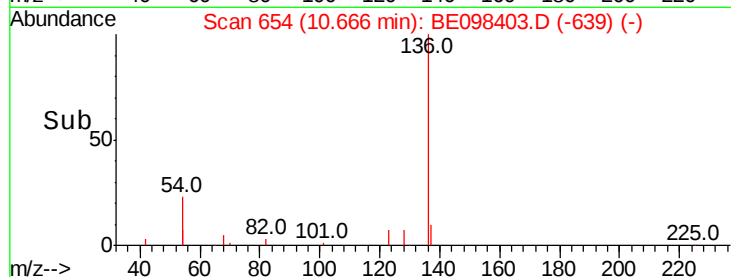
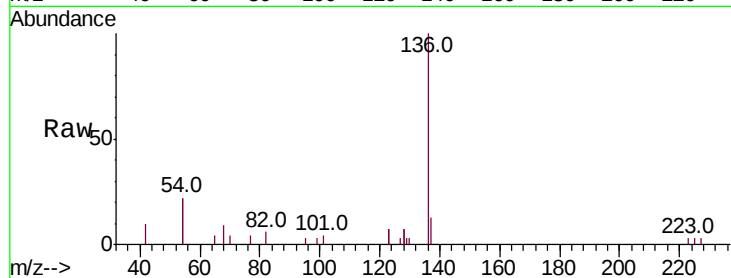
Ion Ratio Lower Upper

136 100

137 13.3 9.2 13.8

54 44.1 28.4 42.6#

68 8.6 5.4 8.0#



#8

Nitrobenzene-d5

Concen: 0.394 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098403.D

Acq: 13 Dec 2018 18:58

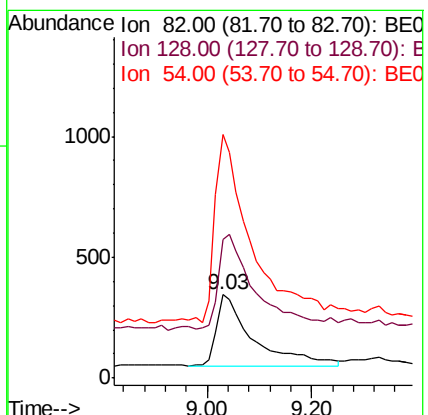
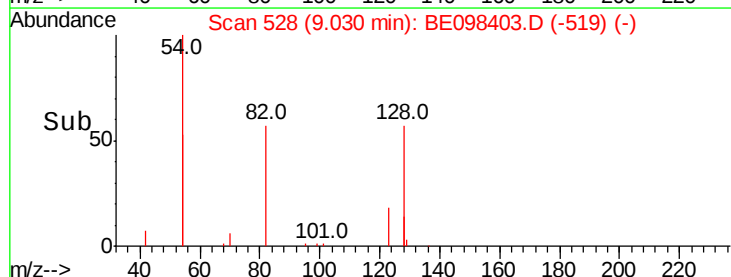
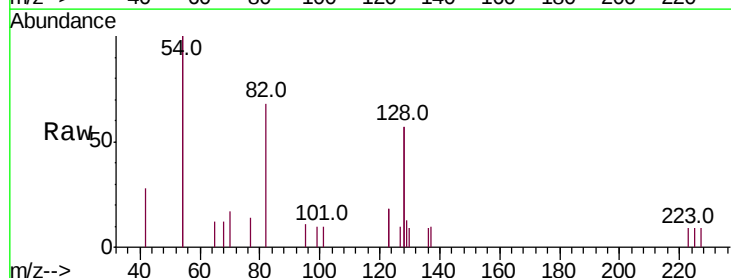
Tgt Ion: 82 Resp: 1405

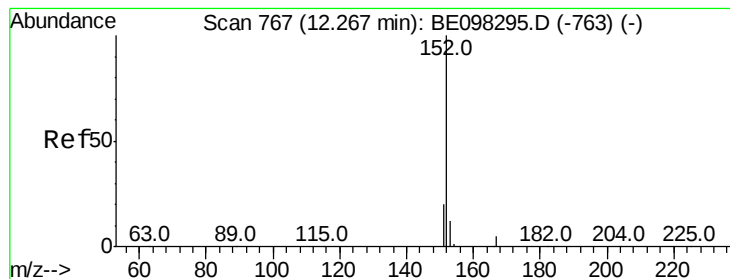
Ion Ratio Lower Upper

82 100

128 166.9 102.4 153.6#

54 293.0 221.8 332.8





#11

2-Methylnaphthalene-d10

Concen: 0.425 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098403.D

Acq: 13 Dec 2018 18:58

Instrument :

BNA_E

ClientSampleId :

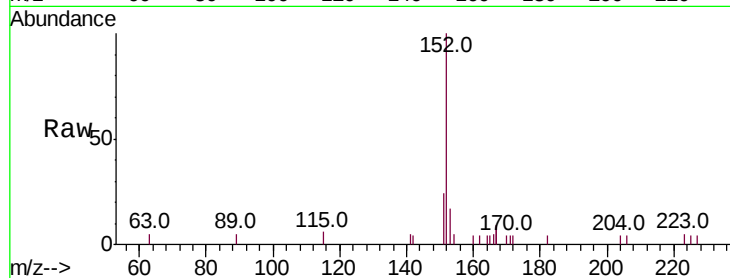
RE-122D1-20181206

Tot Ion:152 Resp: 2709

Ion Ratio Lower Upper

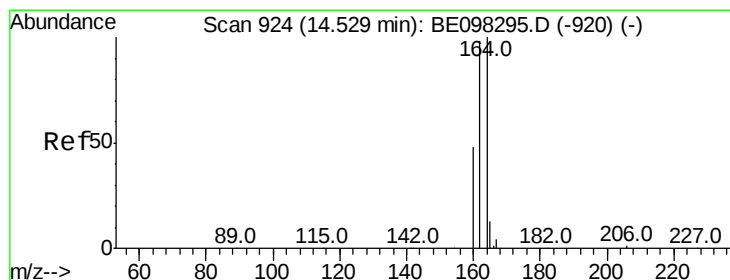
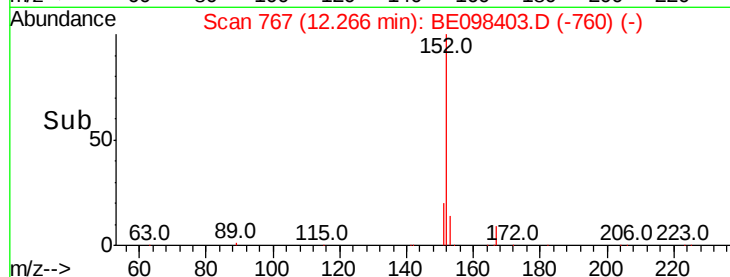
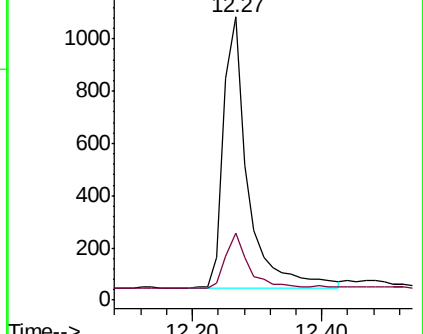
152 100

151 19.8 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: BE098403.D

Acq: 13 Dec 2018 18:58

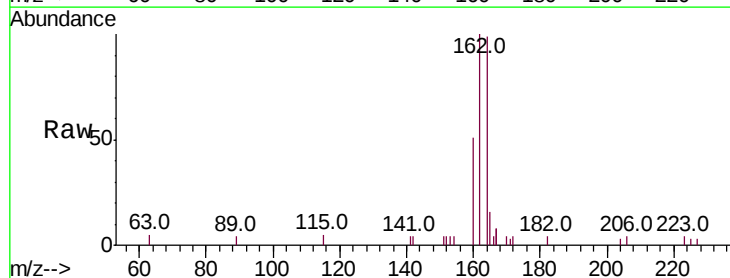
Tgt Ion:164 Resp: 2459

Ion Ratio Lower Upper

164 100

162 101.1 77.6 116.4

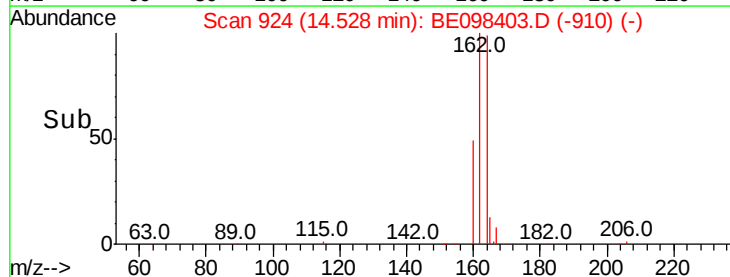
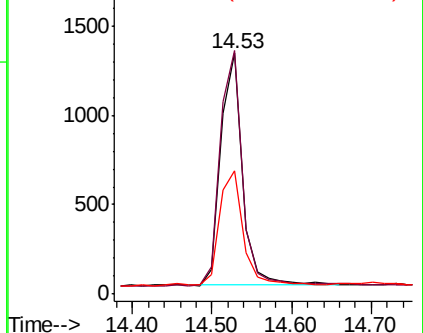
160 51.1 36.0 54.0



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

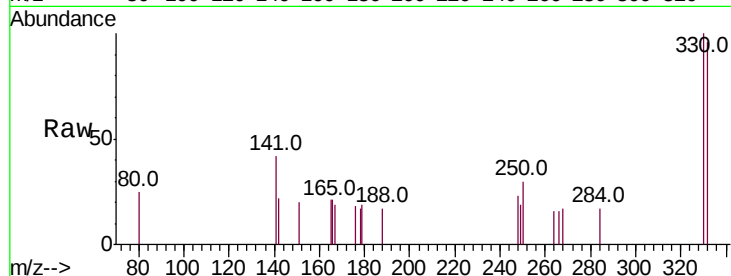




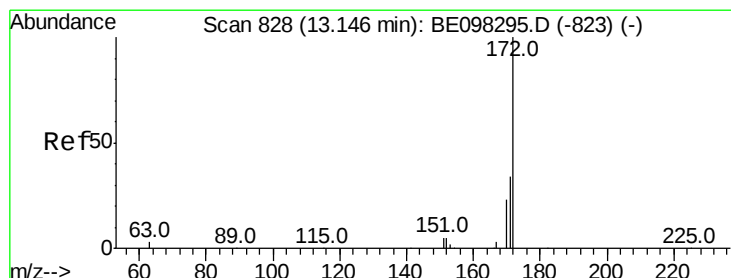
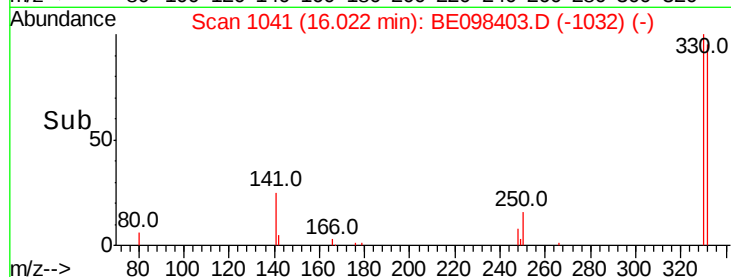
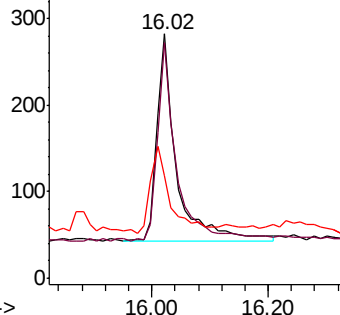
#14
 2,4,6-Tribromophenol
 Concen: 0.611 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098403.D
 Acq: 13 Dec 2018 18:58

Instrument :
 BNA_E
 ClientSampleId :
 RE-122D1-20181206

Tot Ion:330 Resp: 552
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.2 114.4
 141 43.3 39.0 58.4

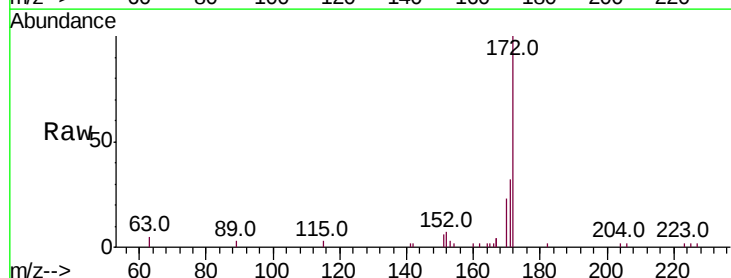


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

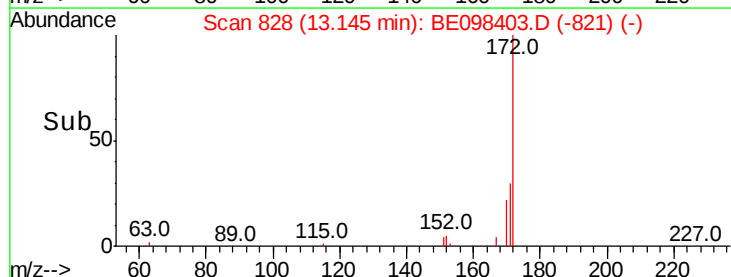
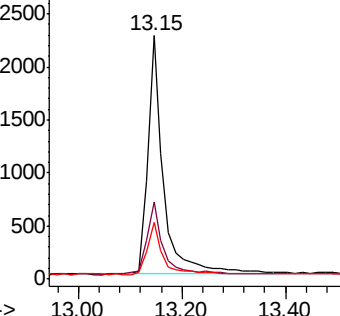


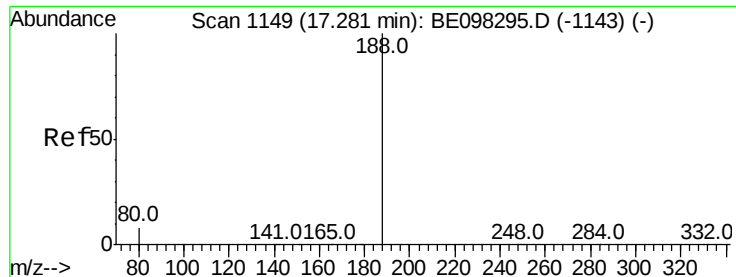
#15
 2-Fluorobiphenyl
 Concen: 0.467 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098403.D
 Acq: 13 Dec 2018 18:58

Tgt Ion:172 Resp: 4847
 Ion Ratio Lower Upper
 172 100
 171 31.6 27.5 41.3
 170 23.1 19.6 29.4



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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098403.D

Acq: 13 Dec 2018 18:58

Instrument :

BNA_E

ClientSampleId :

RE-122D1-20181206

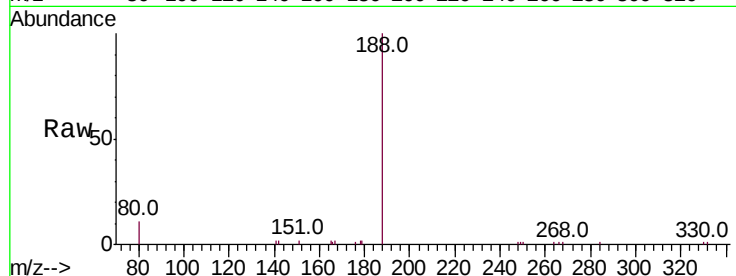
Tot Ion:188 Resp: 7034

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

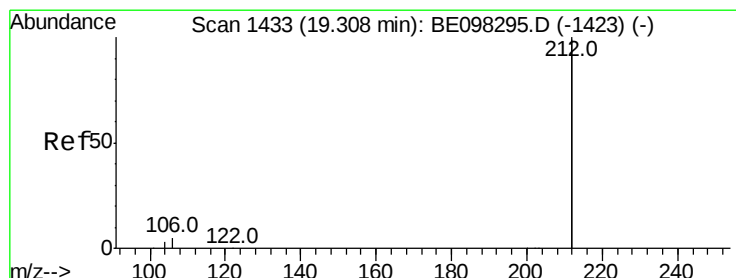
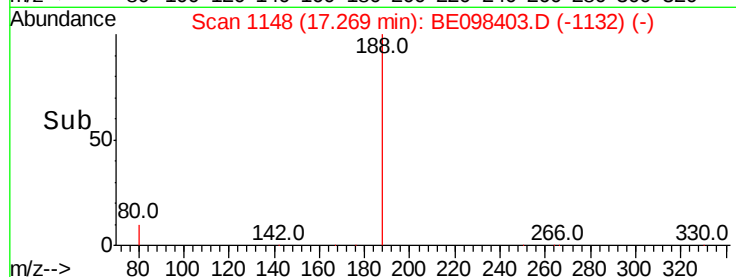
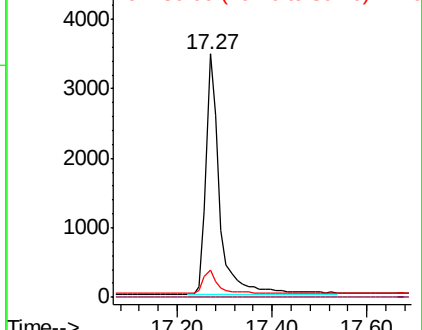
80 11.4 7.2 10.8#



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: 0.462 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE098403.D

Acq: 13 Dec 2018 18:58

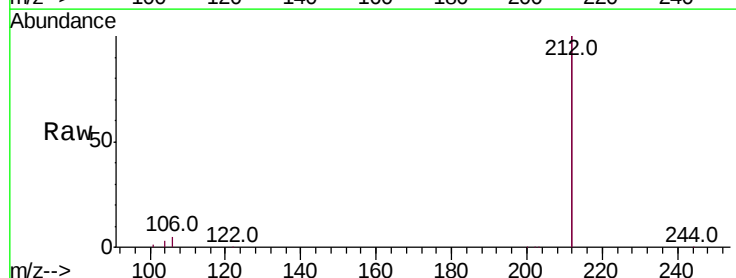
Tgt Ion:212 Resp: 41683

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

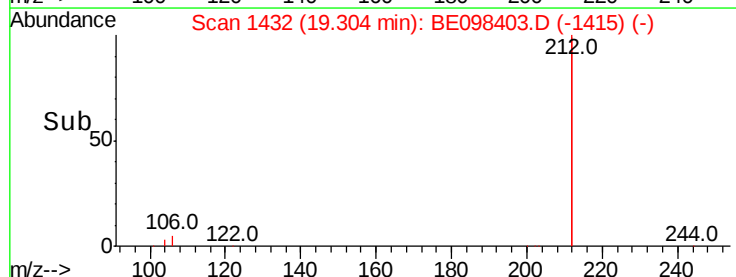
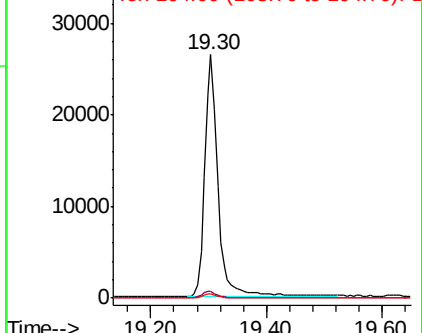
104 1.5 1.3 1.9

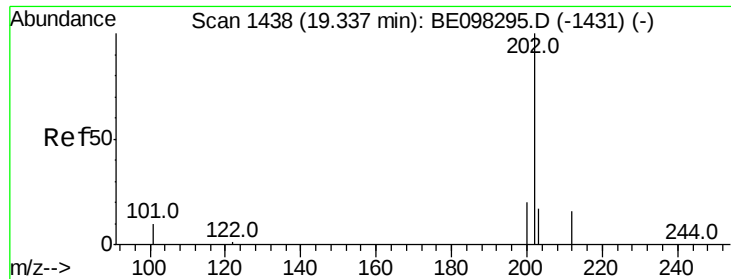


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

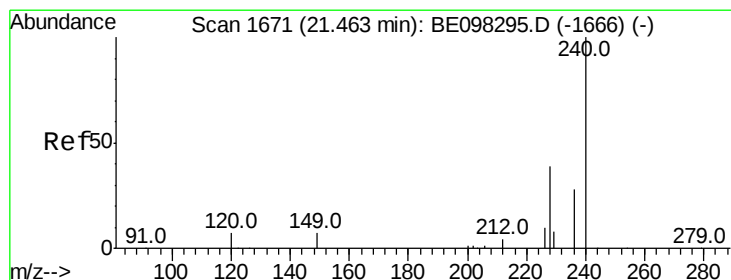
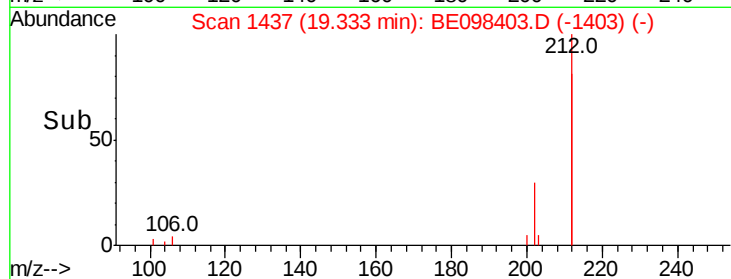
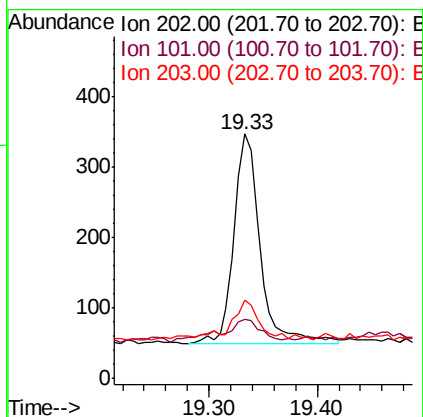
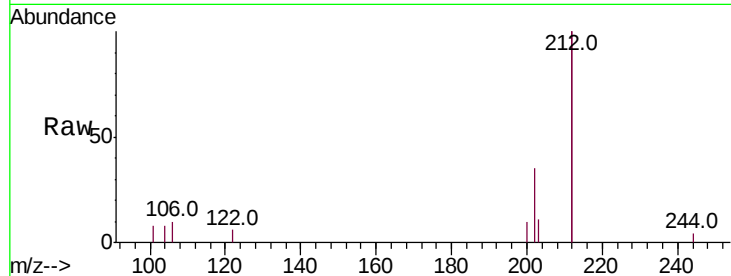




#26
 Fluoranthene
 Concen: 0.022 ng
 RT: 19.33 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BE098403.D
 Acq: 13 Dec 2018 18:58

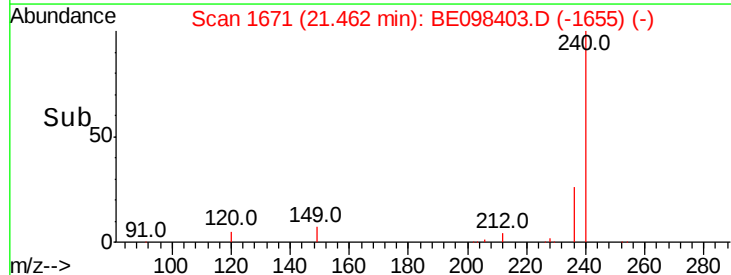
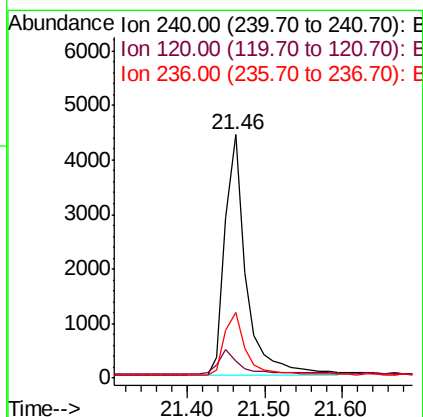
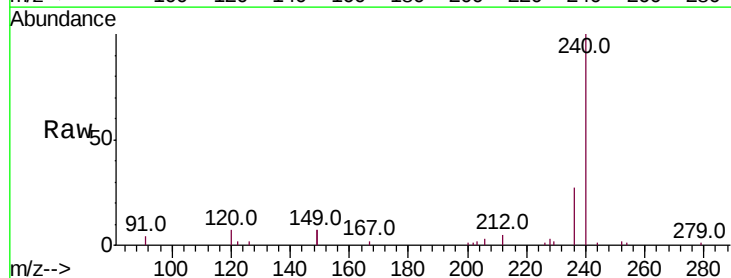
Instrument :
 BNA_E
 ClientSampleId :
 RE-122D1-20181206

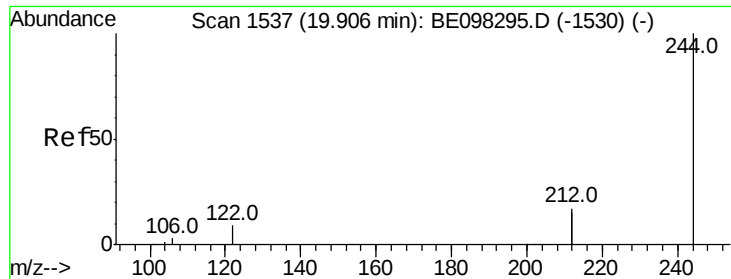
Tot Ion:202 Resp: 494
 Ion Ratio Lower Upper
 202 100
 101 9.9 8.0 12.0
 203 20.4 13.8 20.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098403.D
 Acq: 13 Dec 2018 18:58

Tgt Ion:240 Resp: 8459
 Ion Ratio Lower Upper
 240 100
 120 7.1 9.5 14.3#
 236 26.7 22.7 34.1





#29

Terphenyl-d14

Concen: 0.384 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098403.D

Acq: 13 Dec 2018 18:58

Instrument :

BNA_E

ClientSampleId :

RE-122D1-20181206

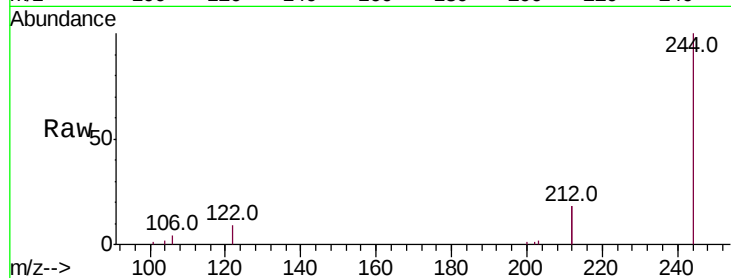
Tot Ion:244 Resp: 7894

Ion Ratio Lower Upper

244 100

212 36.9 27.4 41.0

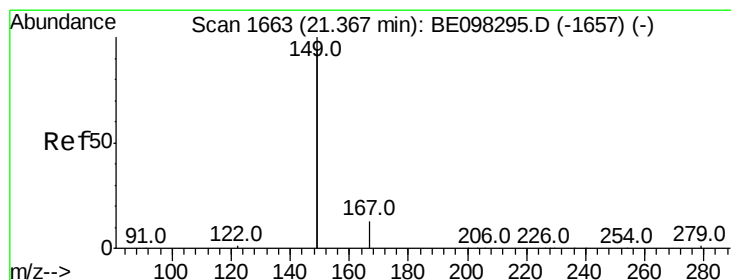
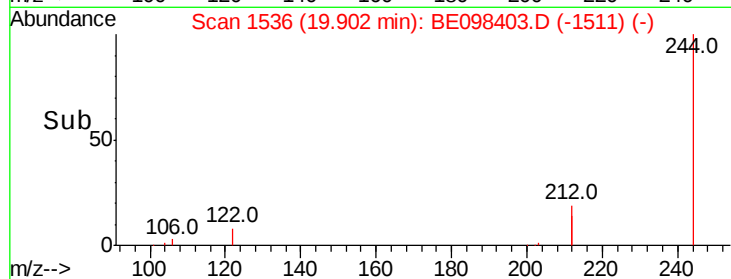
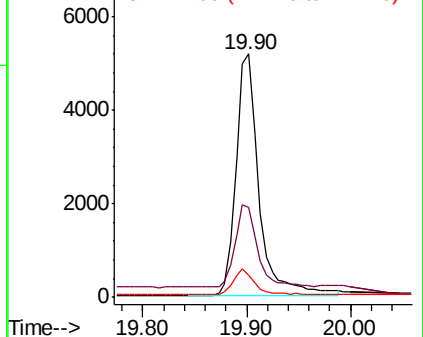
122 9.3 8.3 12.5



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: 0.068 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098403.D

Acq: 13 Dec 2018 18:58

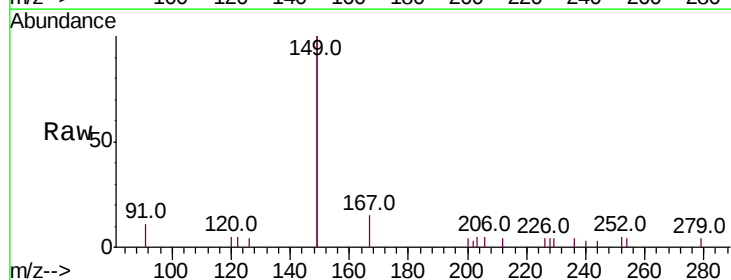
Tgt Ion:149 Resp: 3339

Ion Ratio Lower Upper

149 100

167 8.0 5.7 8.5

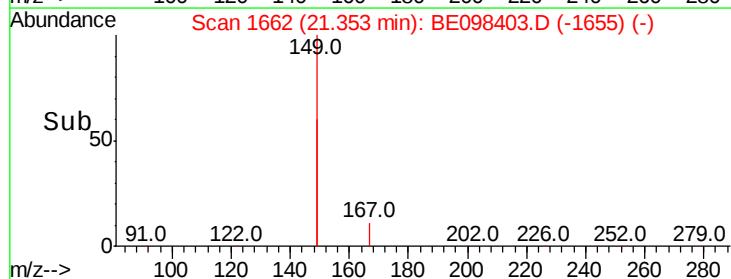
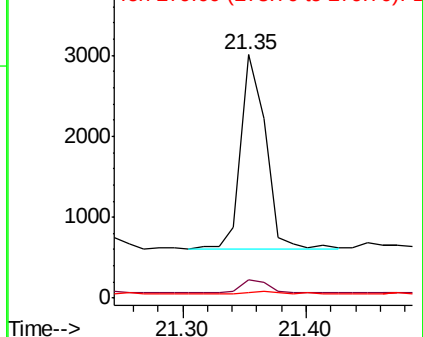
279 1.6 1.0 1.4#

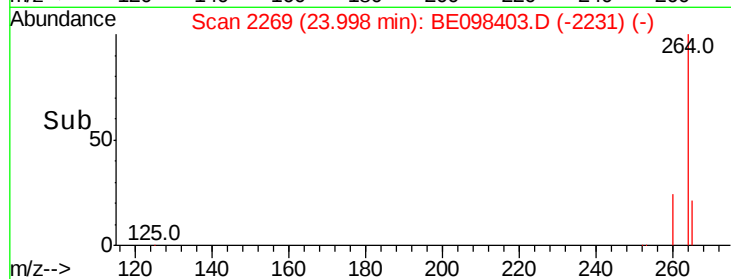
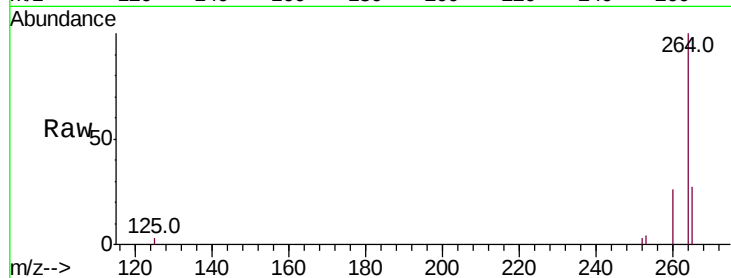
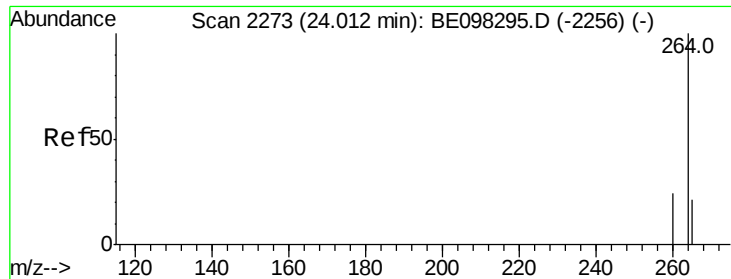


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.00 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BE098403.D

Acq: 13 Dec 2018 18:58

Instrument :

BNA_E

ClientSampleId :

RE-122D1-20181206

Tot Ion:264 Resp: 7934

Ion Ratio Lower Upper

264 100

260 25.6 20.2 30.2

265 27.3 25.2 37.8

