

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121818\
 Data File : BE098516.D
 Acq On : 18 Dec 2018 17:11
 Operator : SJ/JU
 Sample : J6323-04DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-122D2-20181206DL

Quant Time: Dec 19 03:20:43 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

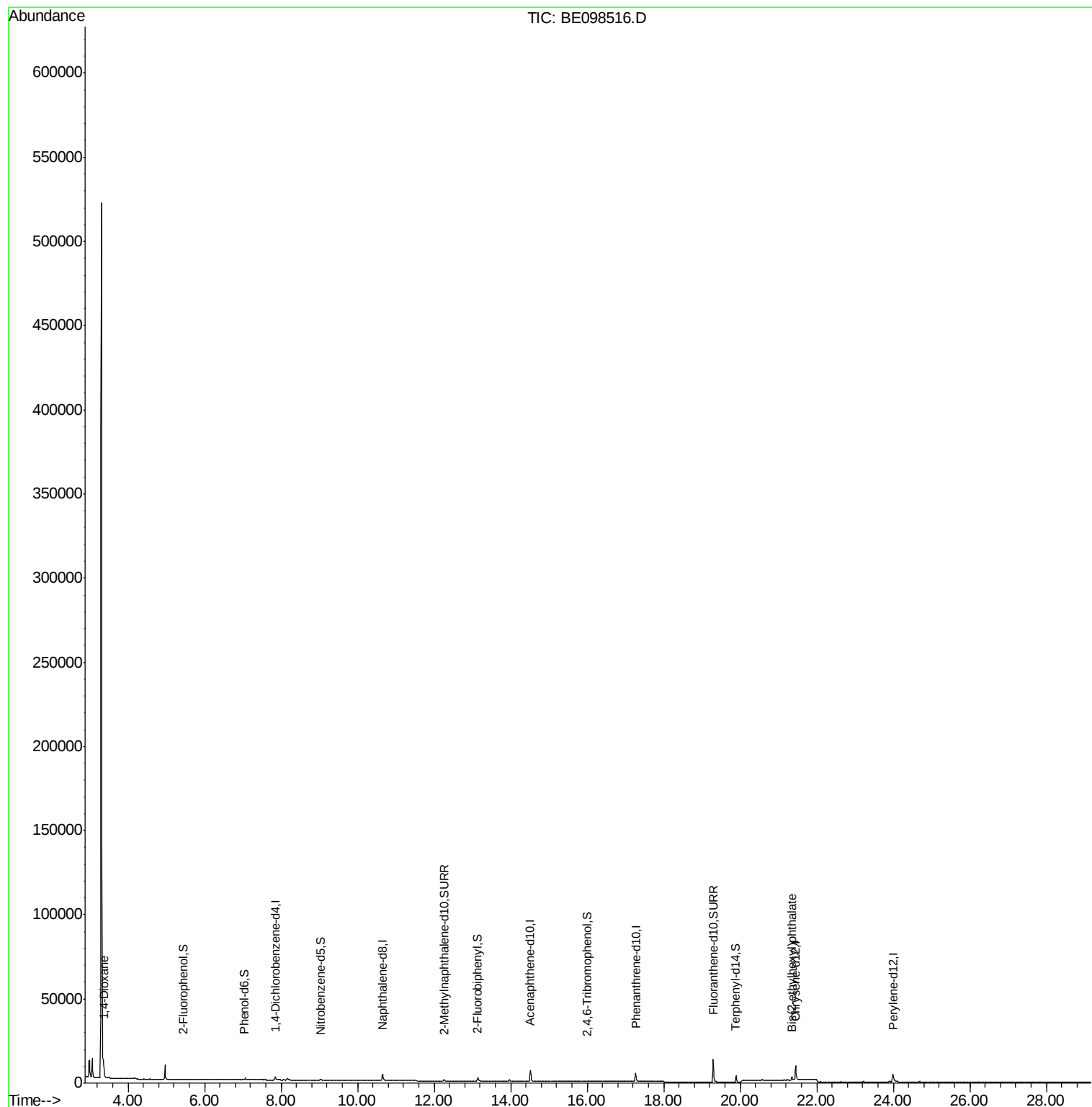
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	1172	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	5815	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	3967	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	9351	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	10133	0.40	ng	-0.01
34) Perylene-d12	23.99	264	9608	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	261	0.10	ng	0.00
5) Phenol-d6	7.03	99	215	0.06	ng	-0.01
8) Nitrobenzene-d5	9.03	82	599	0.11	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	1722	0.18	ng	-0.01
14) 2,4,6-Tribromophenol	16.01	330	281	0.19	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	2941	0.18	ng	-0.01
25) Fluoranthene-d10	19.30	212	20880	0.17	ng	-0.01
29) Terphenyl-d14	19.89	244	4128	0.17	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	3442	1.698	ng	93
32) Bis(2-ethylhexyl)phthalate	21.35	149	2834	0.048	ng	98

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

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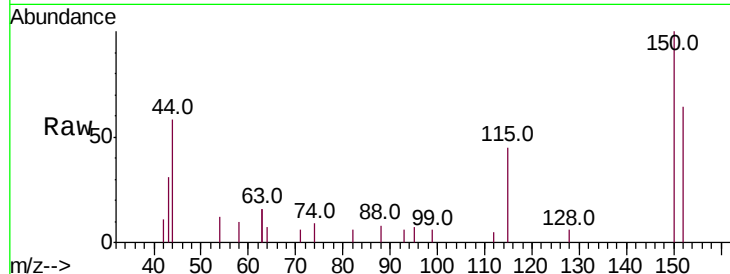




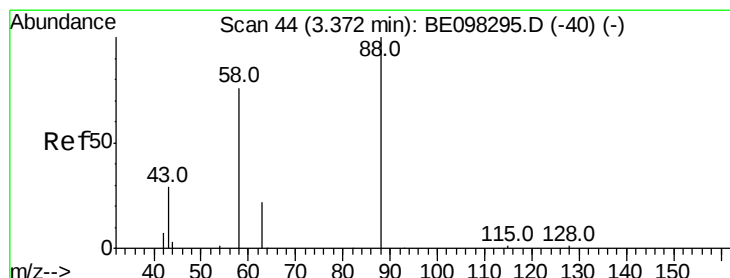
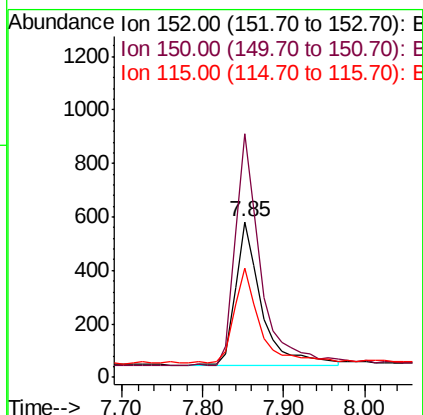
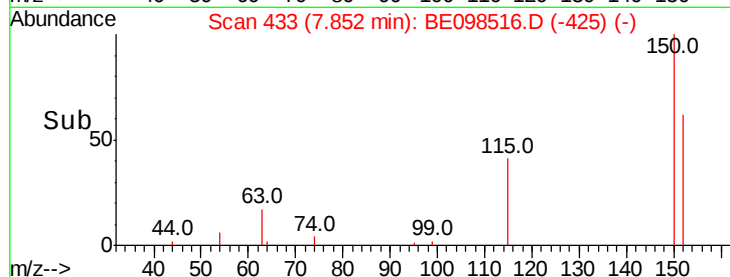
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.85 min Scan# 433
 Delta R.T. -0.01 min
 Lab File: BE098516.D
 Acq: 18 Dec 2018 17:11

Instrument :
 BNA_E
 ClientSampleId :
 RE-122D2-20181206DL

Tot Ion:152 Resp: 1172
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.2 186.4
 115 70.4 53.9 80.9

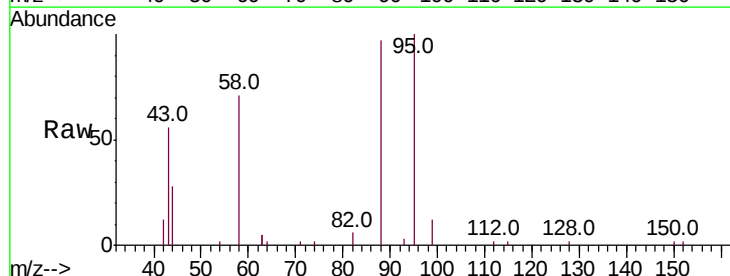


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

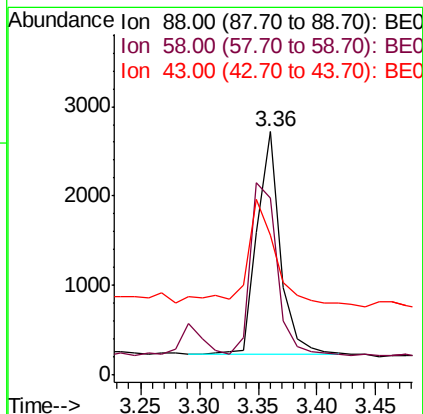
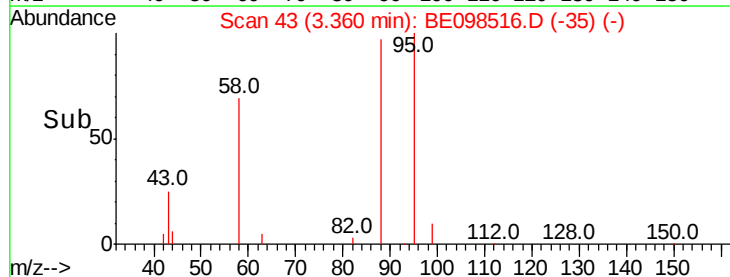


#2
 1,4-Dioxane
 Concen: 1.698 ng
 RT: 3.36 min Scan# 43
 Delta R.T. -0.01 min
 Lab File: BE098516.D
 Acq: 18 Dec 2018 17:11

Tgt Ion: 88 Resp: 3442
 Ion Ratio Lower Upper
 88 100
 58 87.7 75.0 112.6
 43 53.2 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: 0.095 ng

RT: 5.44 min Scan# 224

Delta R.T. -0.00 min

Lab File: BE098516.D

Acq: 18 Dec 2018 17:11

Instrument :

BNA_E

ClientSampleId :

RE-122D2-20181206DL

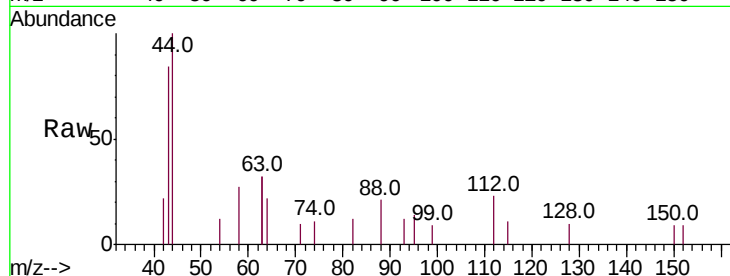
Tot Ion: 112 Resp: 261

Ion Ratio Lower Upper

112 100

64 74.3 59.8 89.8

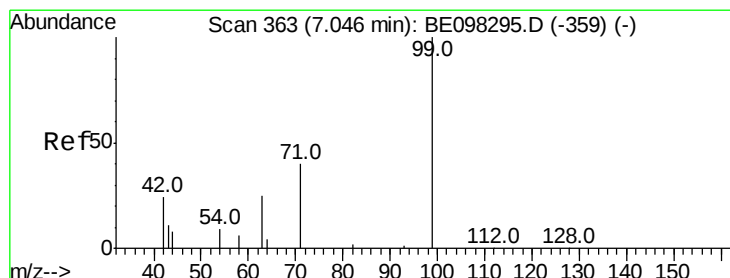
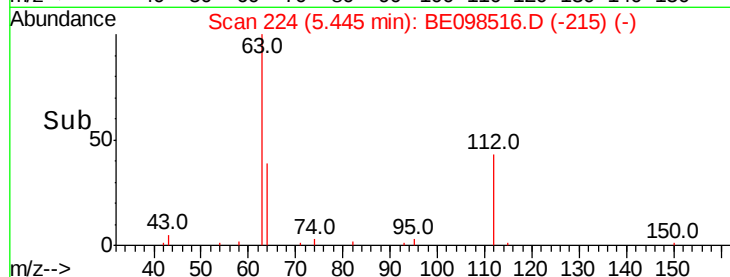
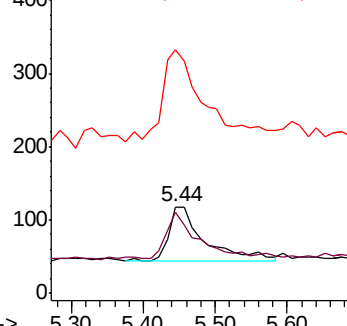
63 201.9 133.7 200.5#



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: 0.055 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098516.D

Acq: 18 Dec 2018 17:11

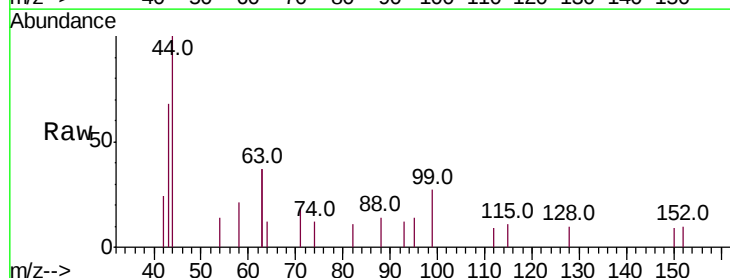
Tgt Ion: 99 Resp: 215

Ion Ratio Lower Upper

99 100

42 60.9 26.3 39.5#

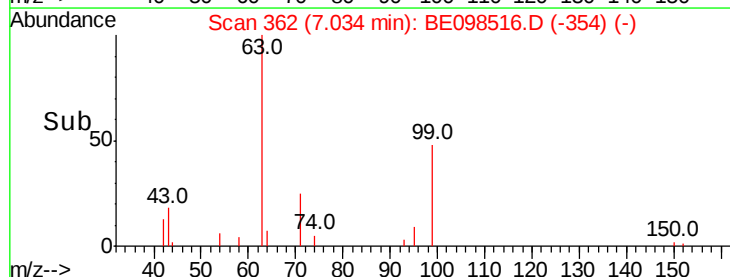
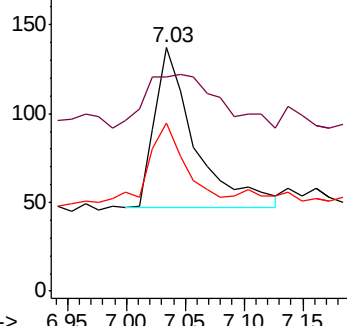
71 47.0 33.6 50.4



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098516.D

Acq: 18 Dec 2018 17:11

Instrument :

BNA_E

ClientSampleId :

RE-122D2-20181206DL

Tot Ion:136 Resp: 5815

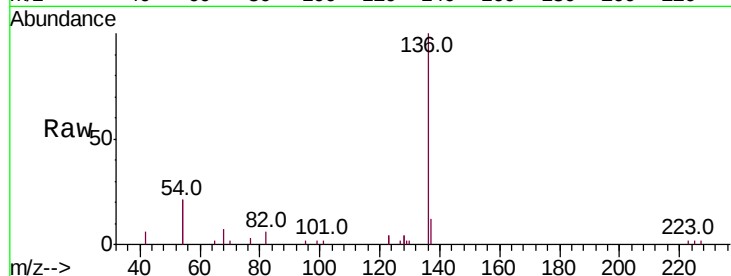
Ion Ratio Lower Upper

136 100

137 12.4 9.2 13.8

54 42.2 28.4 42.6

68 6.9 5.4 8.0

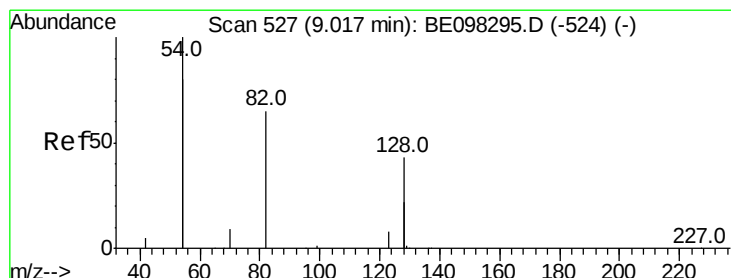
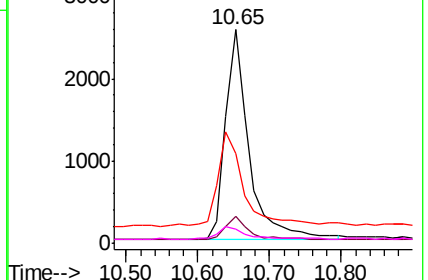
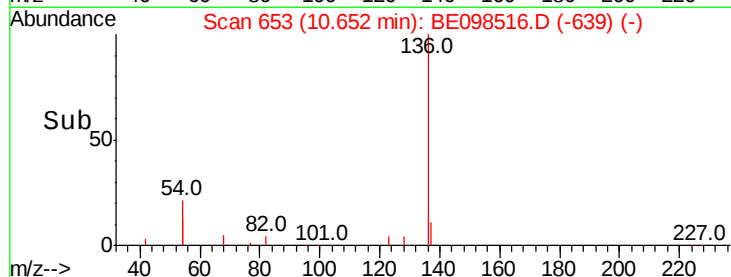


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.113 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098516.D

Acq: 18 Dec 2018 17:11

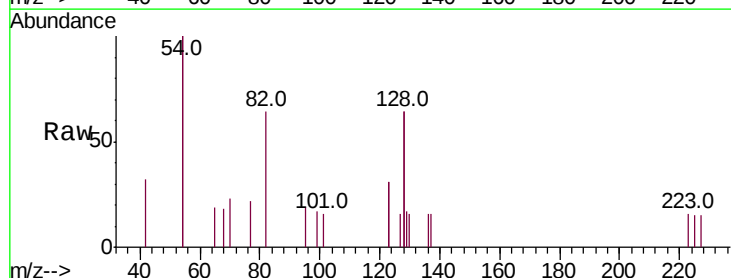
Tgt Ion: 82 Resp: 599

Ion Ratio Lower Upper

82 100

128 200.0 102.4 153.6#

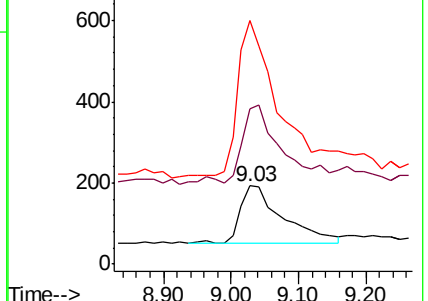
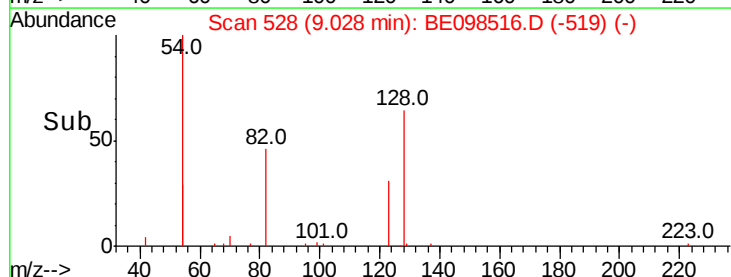
54 312.5 221.8 332.8

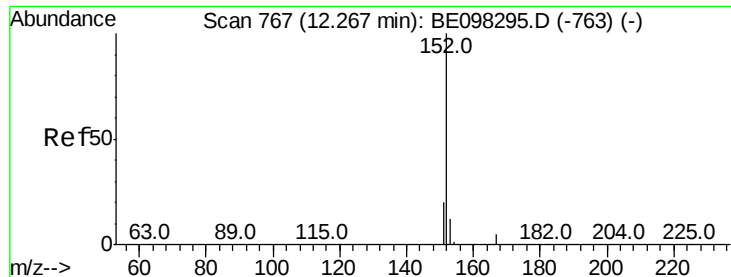


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

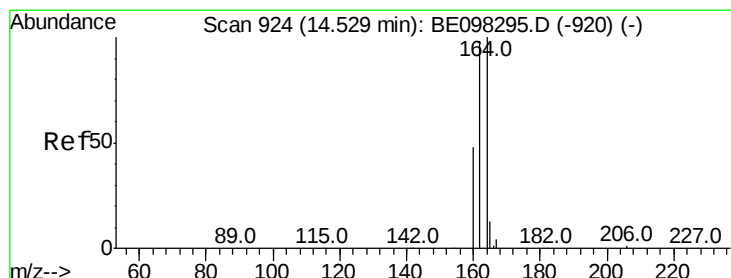
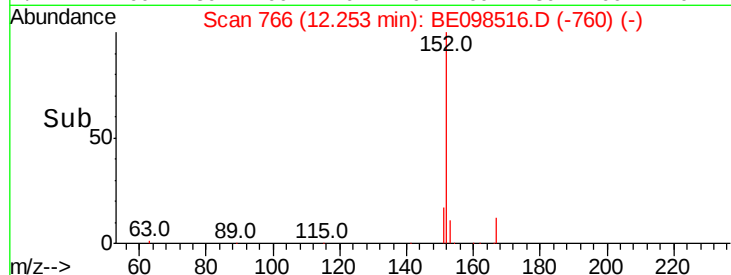
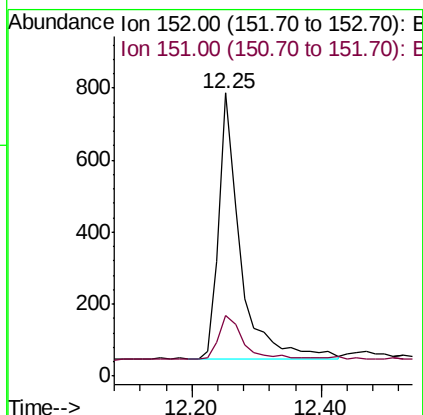
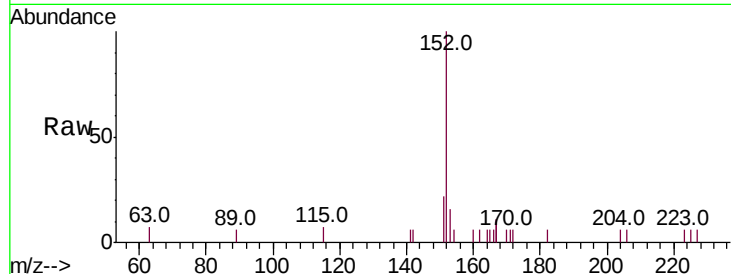




#11
 2-Methylnaphthalene-d10
 Concen: 0.182 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BE098516.D
 Acq: 18 Dec 2018 17:11

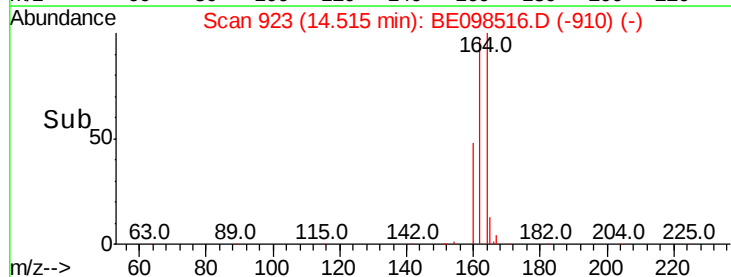
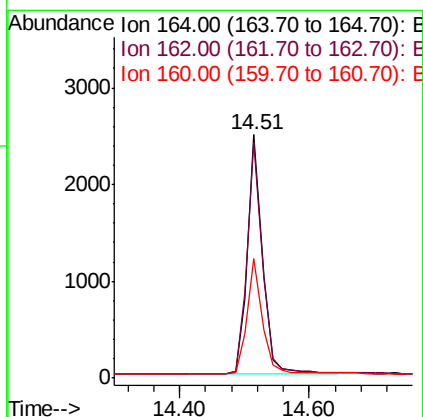
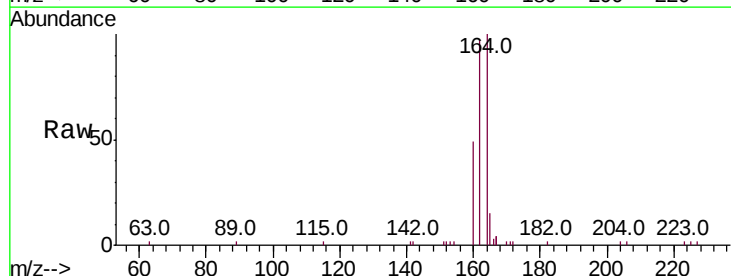
Instrument :
 BNA_E
 ClientSampleId :
 RE-122D2-20181206DL

Tot Ion:152 Resp: 1722
 Ion Ratio Lower Upper
 152 100
 151 18.7 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BE098516.D
 Acq: 18 Dec 2018 17:11

Tgt Ion:164 Resp: 3967
 Ion Ratio Lower Upper
 164 100
 162 96.9 77.6 116.4
 160 49.1 36.0 54.0

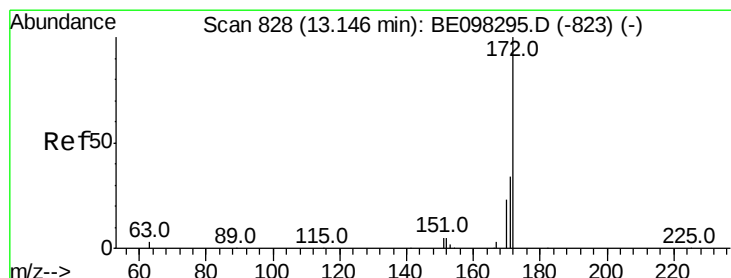
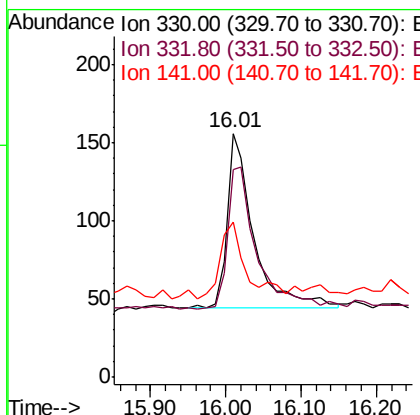
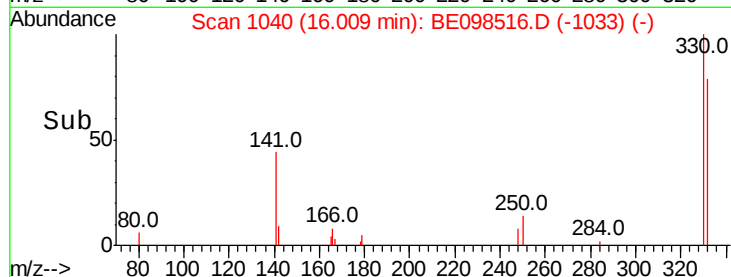
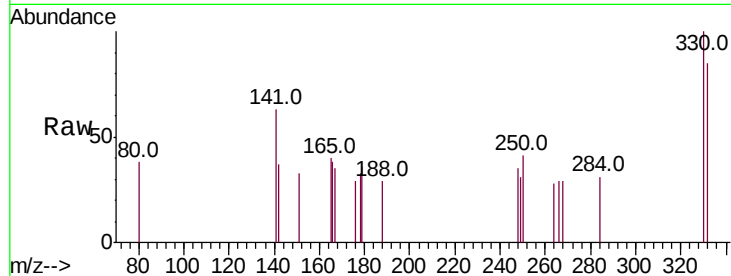




#14
 2,4,6-Tribromophenol
 Concen: 0.193 ng
 RT: 16.01 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BE098516.D
 Acq: 18 Dec 2018 17:11

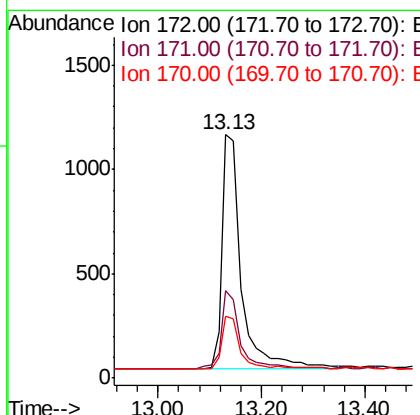
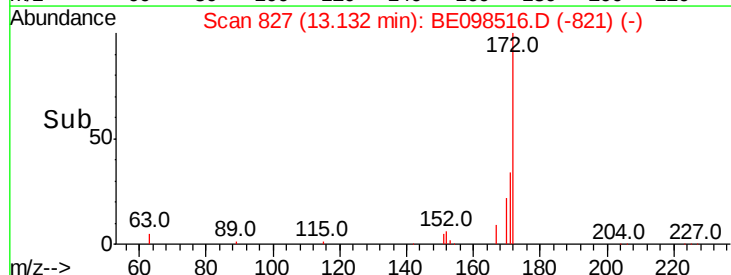
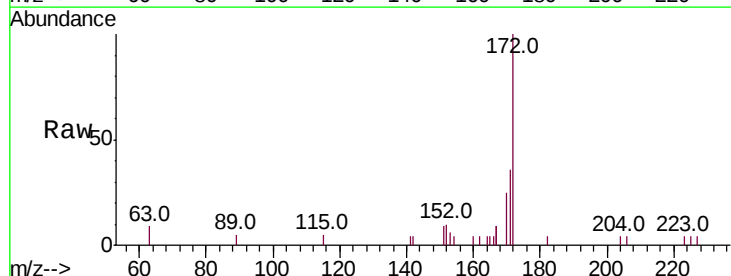
Instrument :
 BNA_E
 ClientSampleId :
 RE-122D2-20181206DL

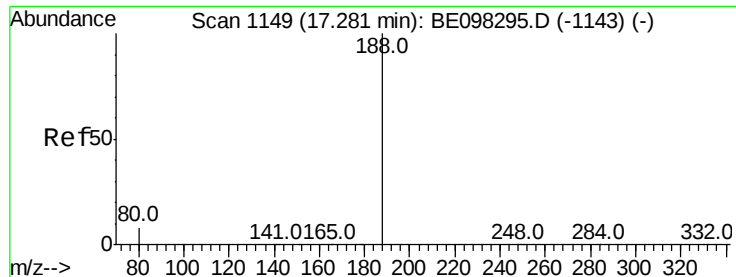
Tot Ion:330 Resp: 281
 Ion Ratio Lower Upper
 330 100
 332 91.8 76.2 114.4
 141 42.3 39.0 58.4



#15
 2-Fluorobiphenyl
 Concen: 0.176 ng
 RT: 13.13 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BE098516.D
 Acq: 18 Dec 2018 17:11

Tgt Ion:172 Resp: 2941
 Ion Ratio Lower Upper
 172 100
 171 36.0 27.5 41.3
 170 25.4 19.6 29.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098516.D

Acq: 18 Dec 2018 17:11

Instrument :

BNA_E

ClientSampleId :

RE-122D2-20181206DL

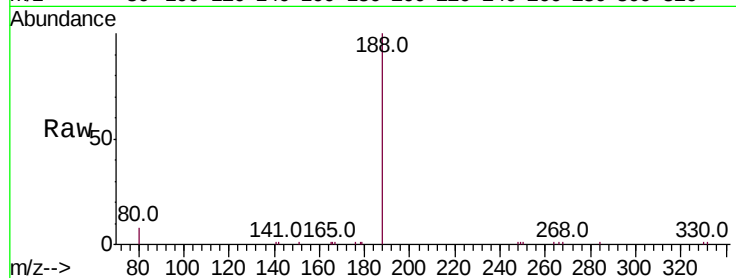
Tot Ion:188 Resp: 9351

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

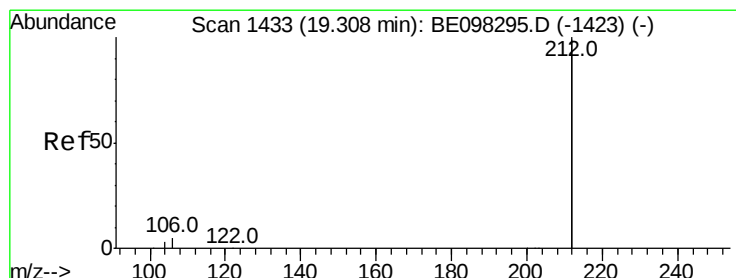
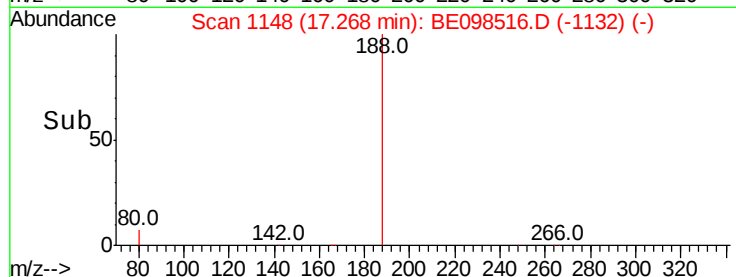
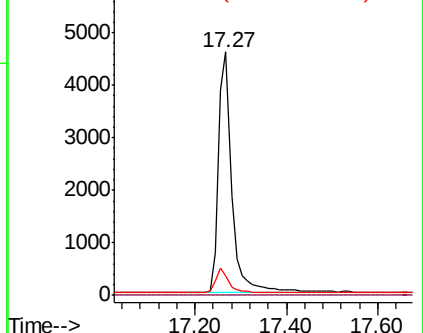
80 8.3 7.2 10.8



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: 0.174 ng

RT: 19.30 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE098516.D

Acq: 18 Dec 2018 17:11

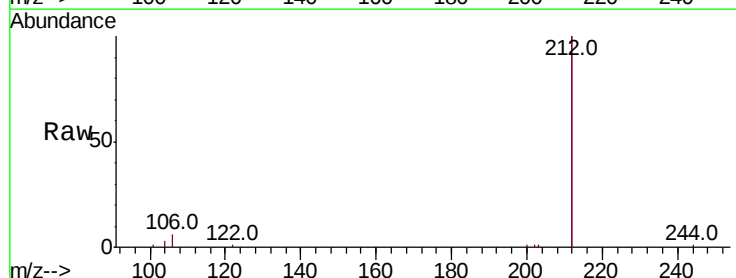
Tgt Ion:212 Resp: 20880

Ion Ratio Lower Upper

212 100

106 2.5 2.2 3.2

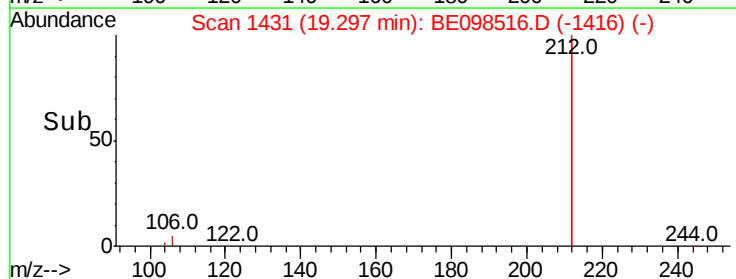
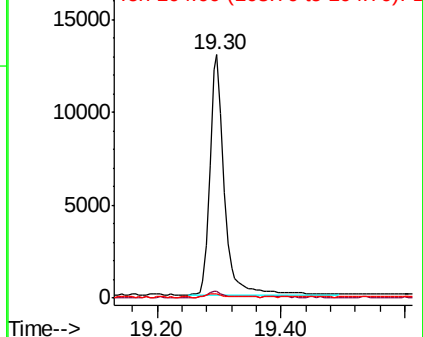
104 1.4 1.3 1.9



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





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098516.D

Acq: 18 Dec 2018 17:11

Instrument :

BNA_E

ClientSampleId :

RE-122D2-20181206DL

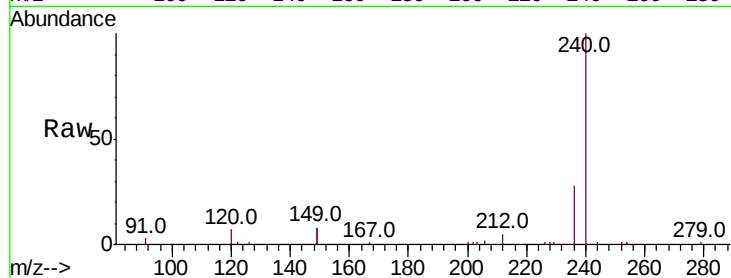
Tot Ion:240 Resp: 10133

Ion Ratio Lower Upper

240 100

120 6.7 9.5 14.3#

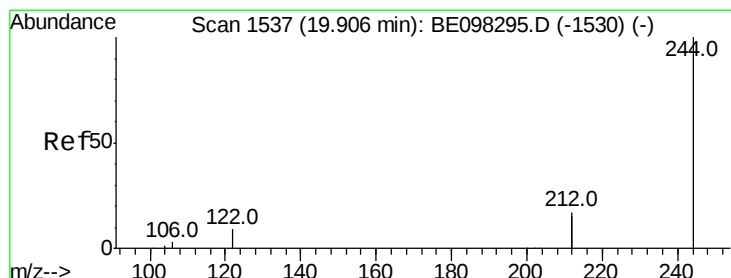
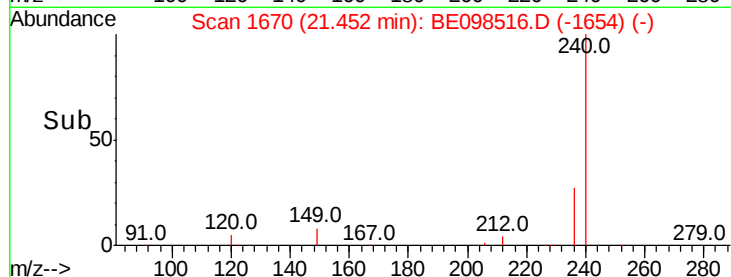
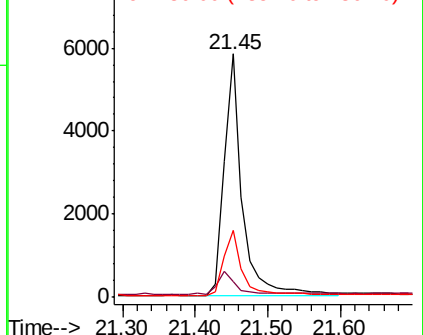
236 27.7 22.7 34.1



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: 0.168 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098516.D

Acq: 18 Dec 2018 17:11

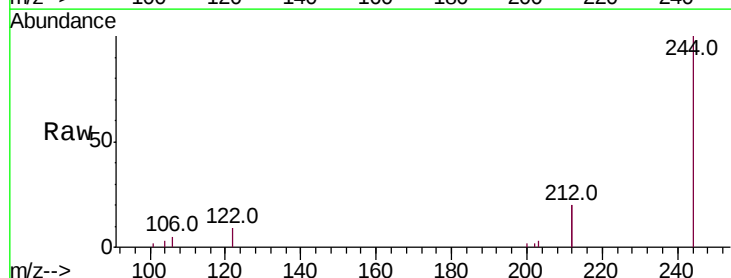
Tgt Ion:244 Resp: 4128

Ion Ratio Lower Upper

244 100

212 39.3 27.4 41.0

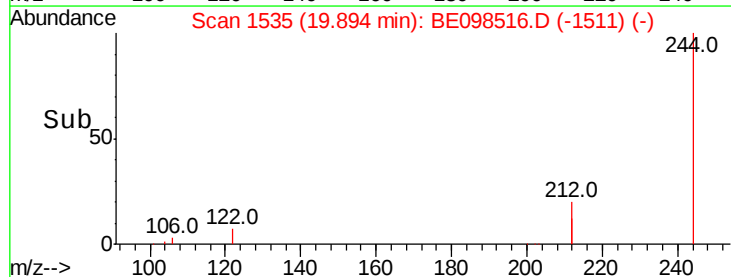
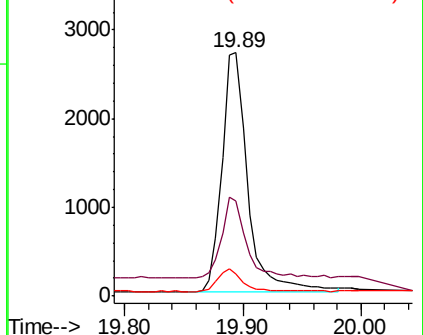
122 9.0 8.3 12.5

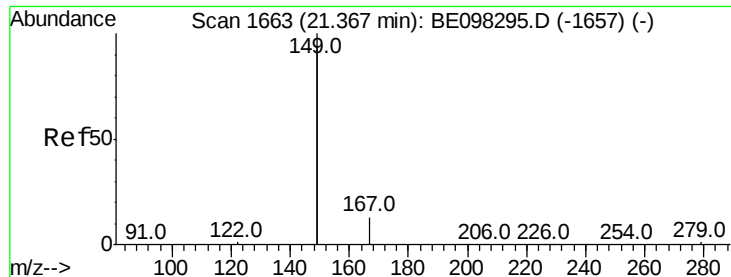


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

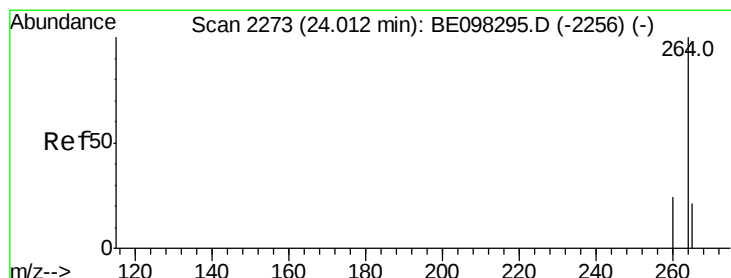
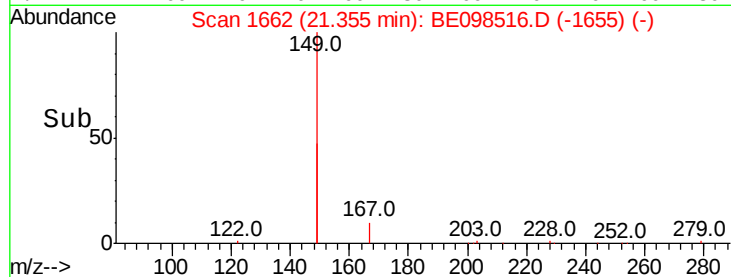
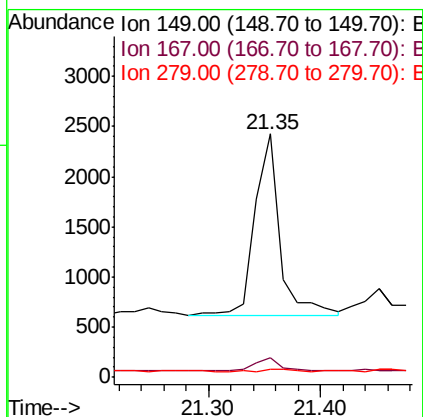
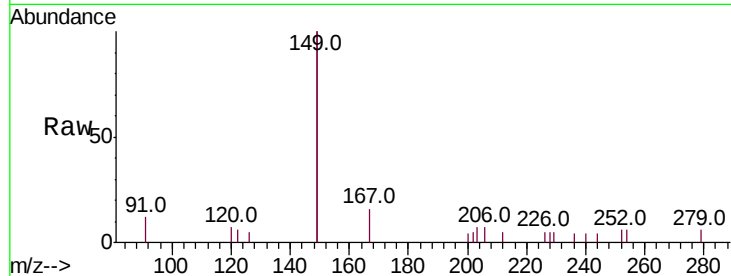




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.048 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098516.D
 Acq: 18 Dec 2018 17:11

Instrument :
 BNA_E
 ClientSampleId :
 RE-122D2-20181206DL

Tot Ion:149 Resp: 2834
 Ion Ratio Lower Upper
 149 100
 167 6.1 5.7 8.5
 279 1.2 1.0 1.4



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.99 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BE098516.D
 Acq: 18 Dec 2018 17:11

Tgt Ion:264 Resp: 9608
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.2 30.2
 265 27.8 25.2 37.8

