

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121318\
 Data File : BE098411.D
 Acq On : 13 Dec 2018 23:54
 Operator : SJ/JU
 Sample : J6324-05DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-103D1-20181205DL

Quant Time: Dec 14 00:57:56 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

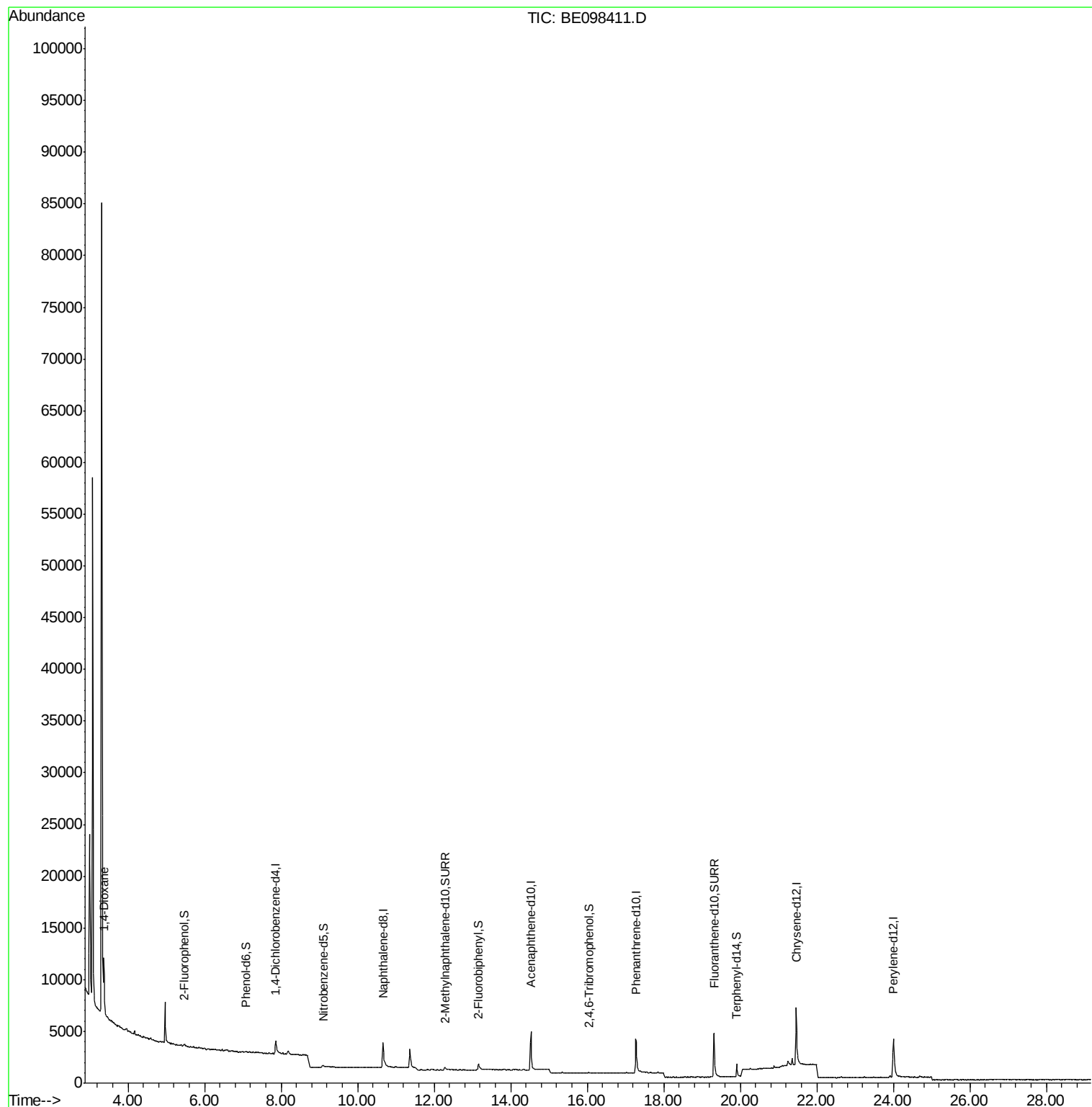
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	958	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4268	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2890	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	7595	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	8490	0.40	ng	0.00
34) Perylene-d12	24.01	264	7952	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	170	0.08	ng	0.02
5) Phenol-d6	7.08	99	64	0.02	ng	0.03
8) Nitrobenzene-d5	9.11	82	225	0.06	ng	0.09
11) 2-Methylnaphthalene-d10	12.28	152	645	0.09	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	66	0.06	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	1216	0.10	ng	0.01
25) Fluoranthene-d10	19.31	212	9282	0.10	ng	0.00
29) Terphenyl-d14	19.91	244	1695	0.08	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	2558	1.544	ng	Qvalue 97

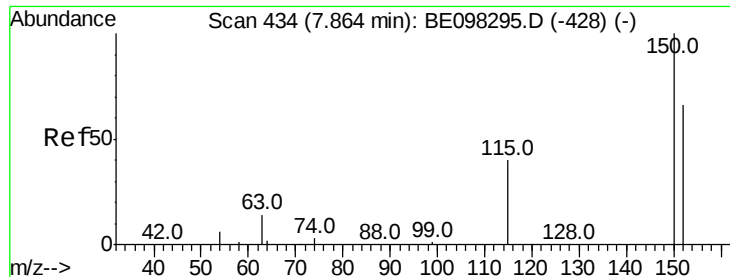
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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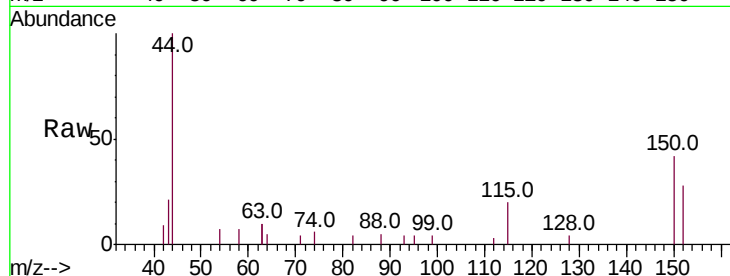


#1

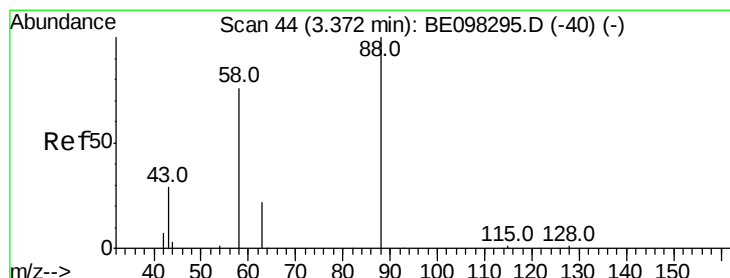
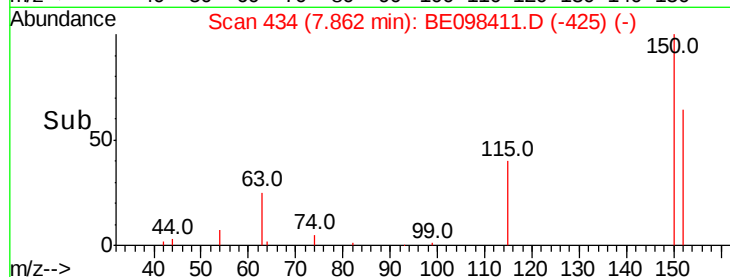
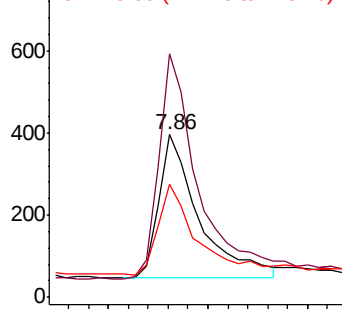
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.86 min Scan# 434
 Delta R.T. -0.00 min
 Lab File: BE098411.D
 Acq: 13 Dec 2018 23:54

Instrument :
 BNA_E
 ClientSampleId :
 RE-103D1-20181205DL

Tot Ion:152 Resp: 958
 Ion Ratio Lower Upper
 152 100
 150 149.7 124.2 186.4
 115 69.4 53.9 80.9



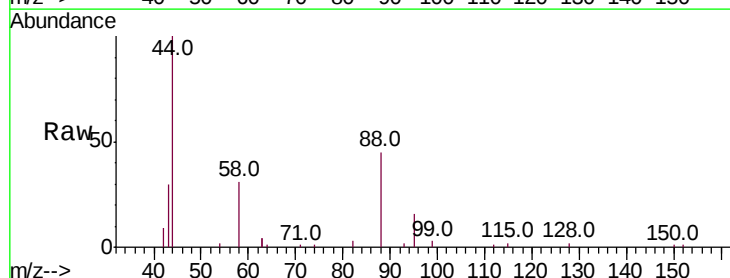
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



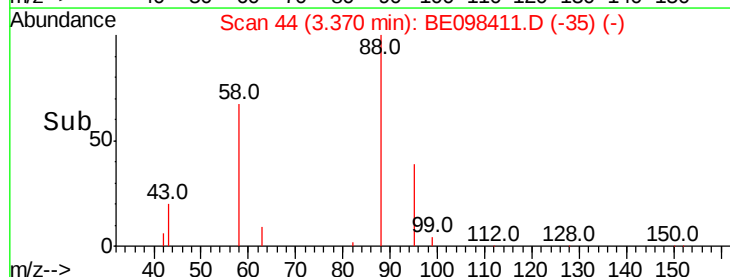
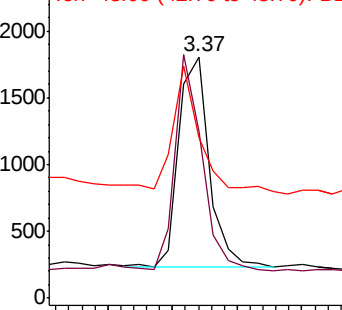
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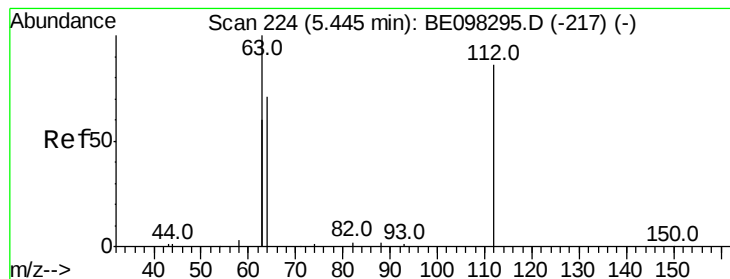
1,4-Dioxane
 Concen: 1.544 ng
 RT: 3.37 min Scan# 44
 Delta R.T. -0.00 min
 Lab File: BE098411.D
 Acq: 13 Dec 2018 23:54

Tgt Ion: 88 Resp: 2558
 Ion Ratio Lower Upper
 88 100
 58 92.1 75.0 112.6
 43 51.5 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: 0.076 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.02 min

Lab File: BE098411.D

Acq: 13 Dec 2018 23:54

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181205DL

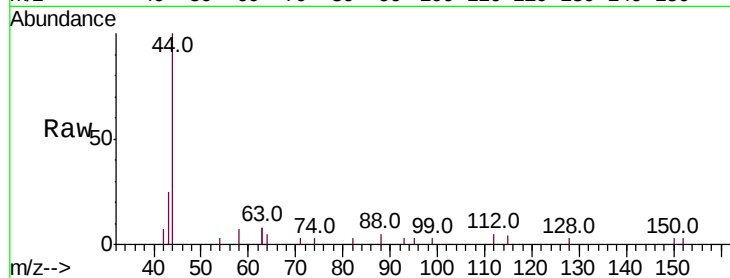
Tot Ion:112 Resp: 170

Ion Ratio Lower Upper

112 100

64 96.5 59.8 89.8#

63 140.0 133.7 200.5



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

400

300

200

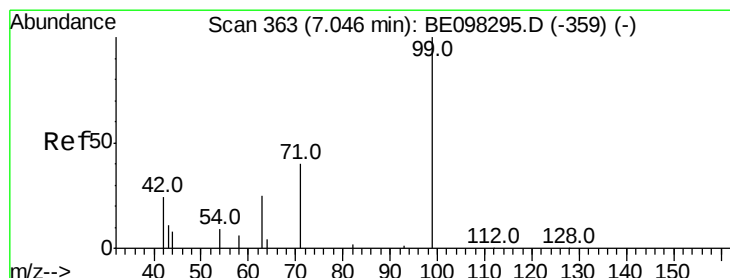
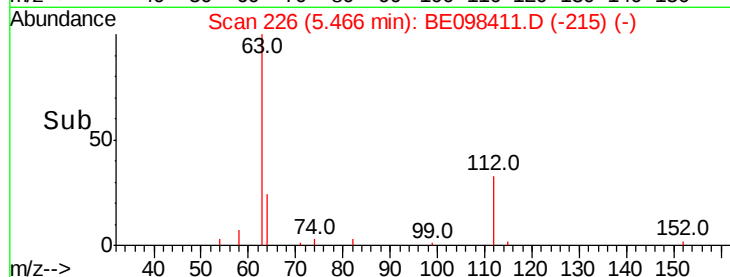
100

0

5.40 5.50

5.47

Time-->



#5

Phenol-d6

Concen: 0.020 ng

RT: 7.08 min Scan# 366

Delta R.T. 0.03 min

Lab File: BE098411.D

Acq: 13 Dec 2018 23:54

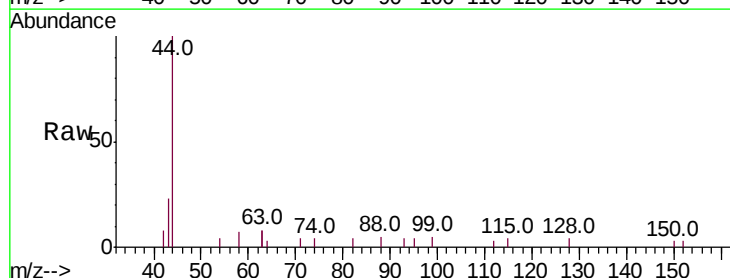
Tgt Ion: 99 Resp: 64

Ion Ratio Lower Upper

99 100

42 56.3 26.3 39.5#

71 0.0 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

150

100

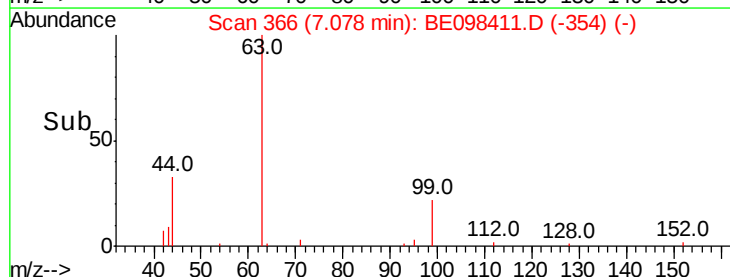
50

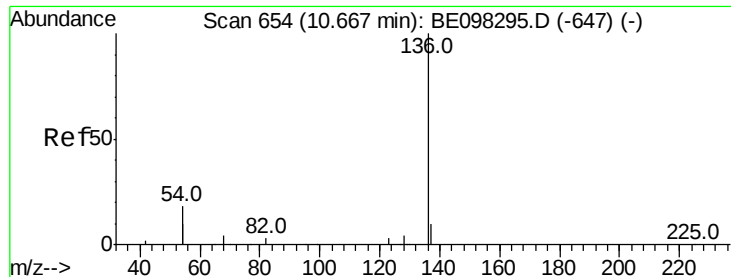
0

7.00 7.05 7.10

7.08

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098411.D

Acq: 13 Dec 2018 23:54

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181205DL

Tot Ion:136 Resp: 4268

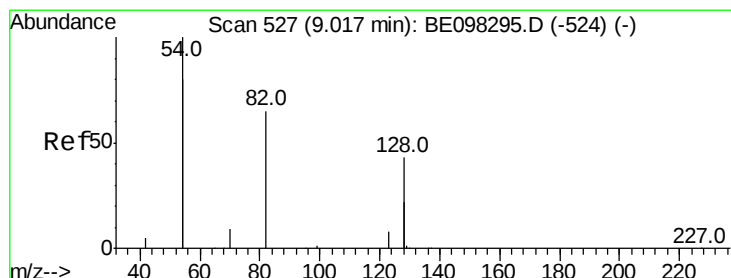
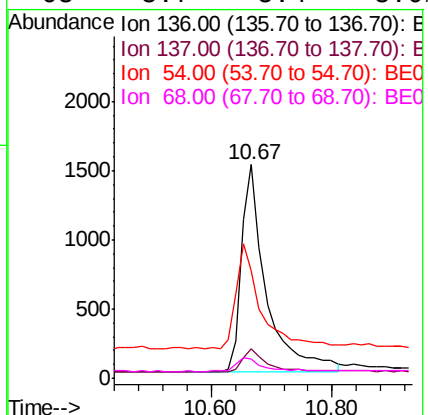
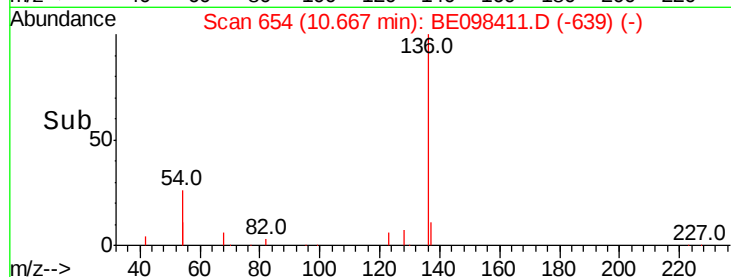
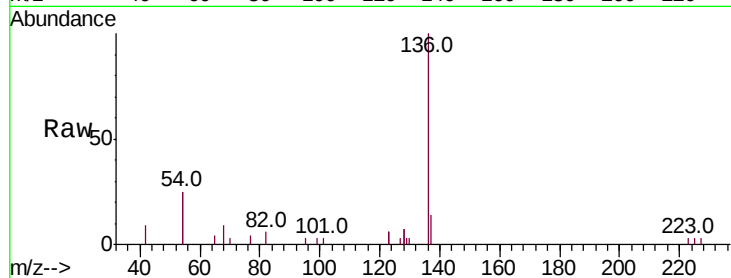
Ion Ratio Lower Upper

136 100

137 13.6 9.2 13.8

54 50.1 28.4 42.6#

68 8.7 5.4 8.0#



#8

Nitrobenzene-d5

Concen: 0.058 ng

RT: 9.11 min Scan# 534

Delta R.T. 0.09 min

Lab File: BE098411.D

Acq: 13 Dec 2018 23:54

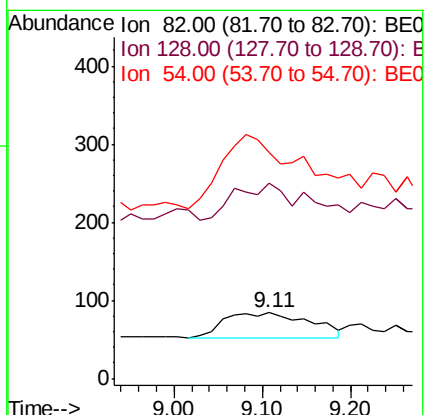
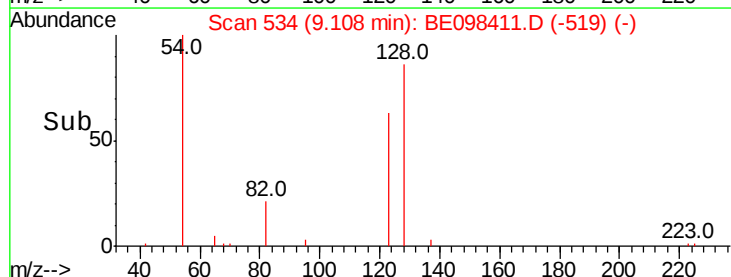
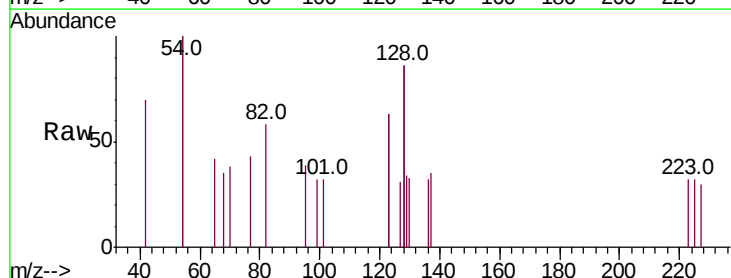
Tgt Ion: 82 Resp: 225

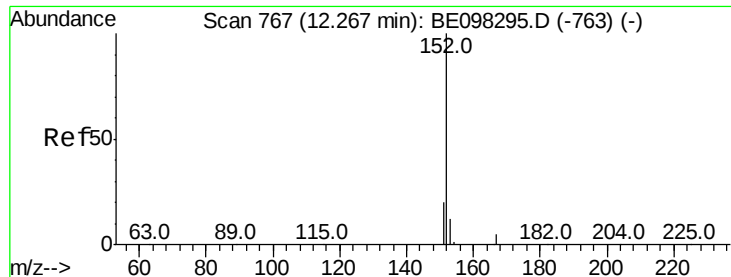
Ion Ratio Lower Upper

82 100

128 297.6 102.4 153.6#

54 345.2 221.8 332.8#

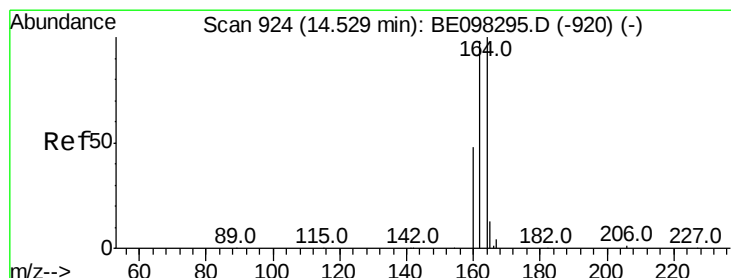
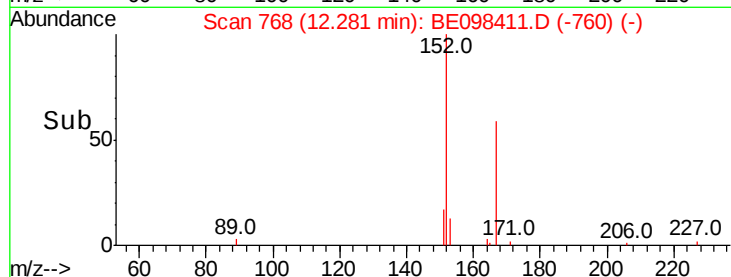
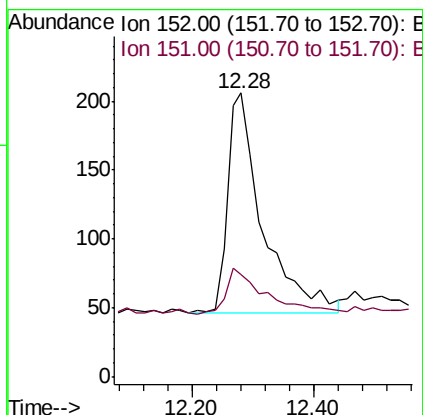
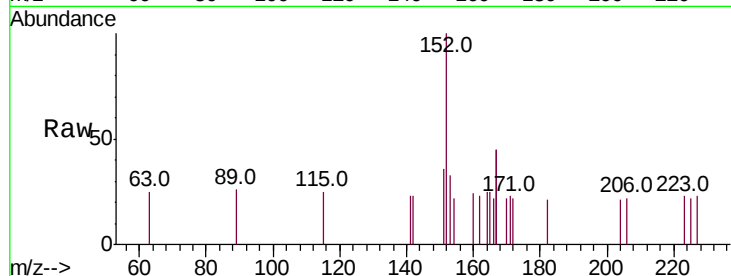




#11
2-Methylnaphthalene-d10
Concen: 0.093 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE098411.D
Acq: 13 Dec 2018 23:54

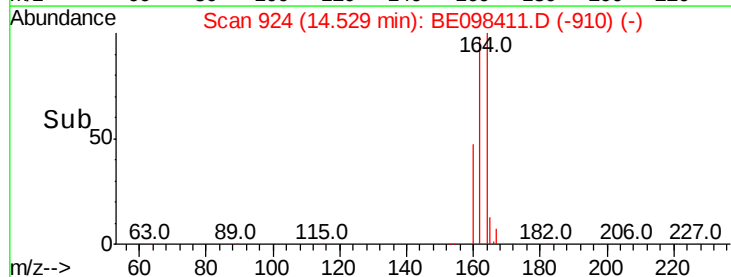
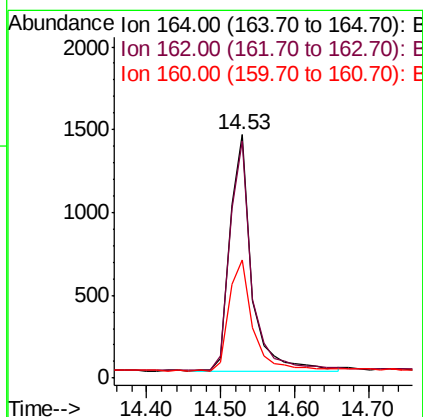
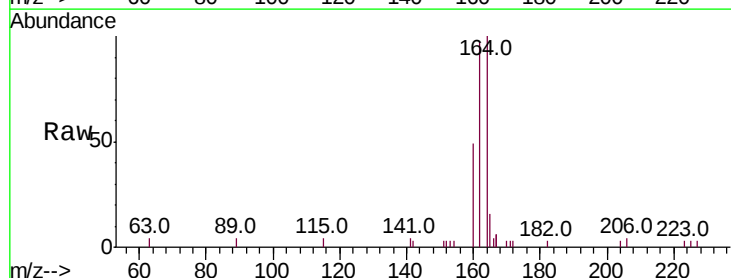
Instrument :
BNA_E
ClientSampleId :
RE-103D1-20181205DL

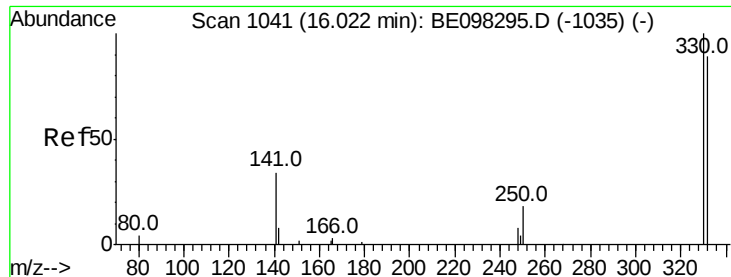
Tot Ion:152 Resp: 645
Ion Ratio Lower Upper
152 100
151 24.8 16.2 24.4#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098411.D
Acq: 13 Dec 2018 23:54

Tgt Ion:164 Resp: 2890
Ion Ratio Lower Upper
164 100
162 97.4 77.6 116.4
160 48.6 36.0 54.0

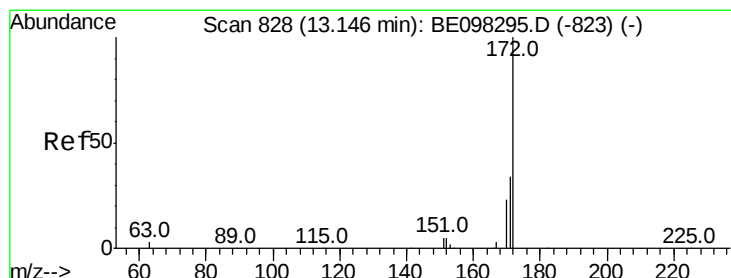
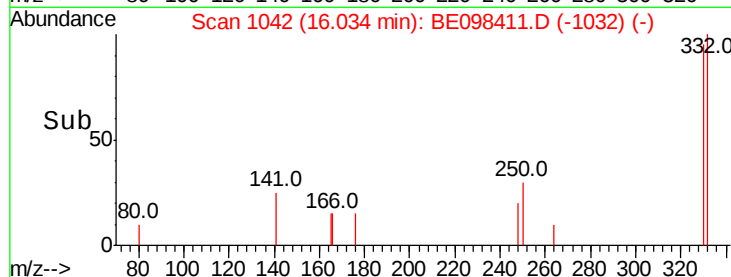
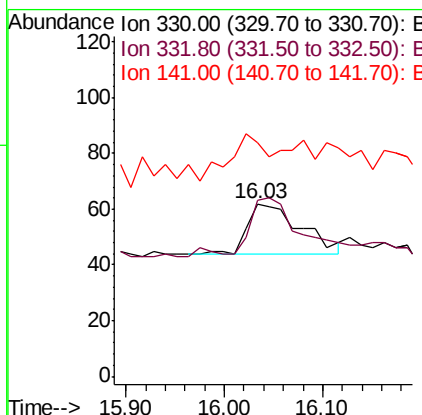
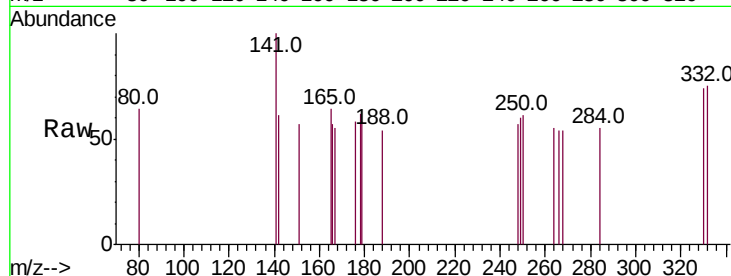




#14
 2,4,6-Tribromophenol
 Concen: 0.062 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BE098411.D
 Acq: 13 Dec 2018 23:54

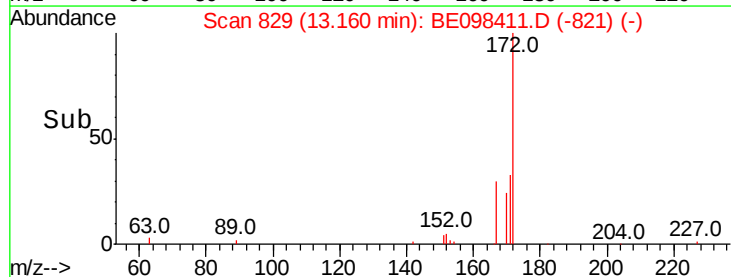
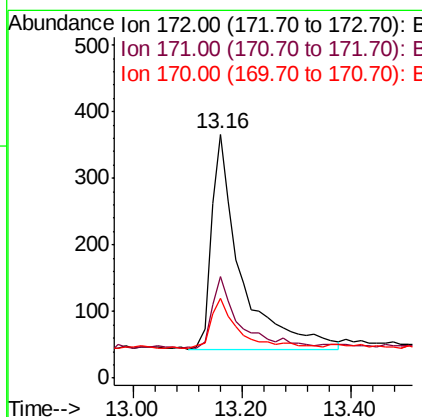
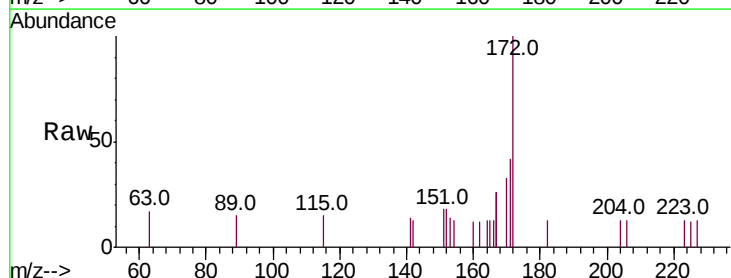
Instrument :
 BNA_E
 ClientSampleId :
 RE-103D1-20181205DL

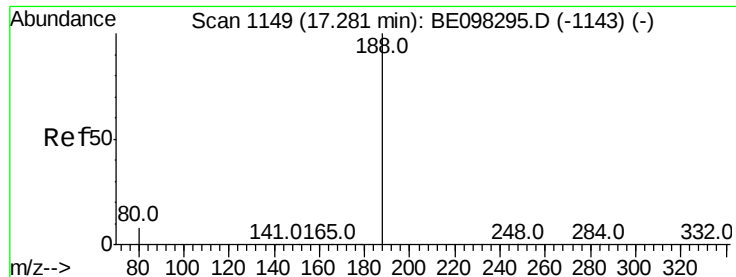
Tot Ion:330 Resp: 66
 Ion Ratio Lower Upper
 330 100
 332 101.5 76.2 114.4
 141 0.0 39.0 58.4#



#15
 2-Fluorobiphenyl
 Concen: 0.100 ng
 RT: 13.16 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BE098411.D
 Acq: 13 Dec 2018 23:54

Tgt Ion:172 Resp: 1216
 Ion Ratio Lower Upper
 172 100
 171 41.5 27.5 41.3#
 170 32.8 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: BE098411.D

Acq: 13 Dec 2018 23:54

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181205DL

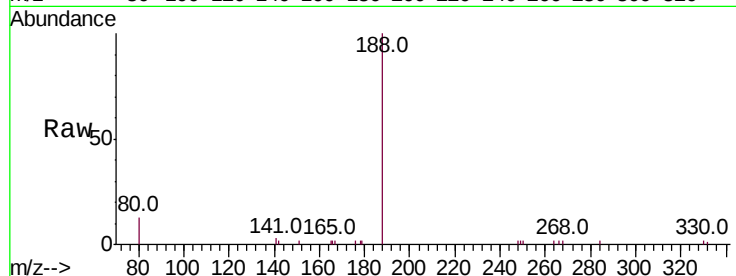
Tot Ion:188 Resp: 7595

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

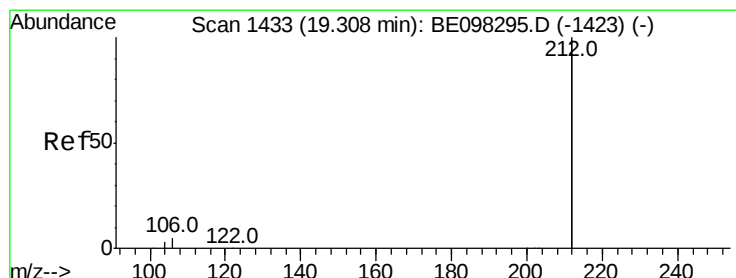
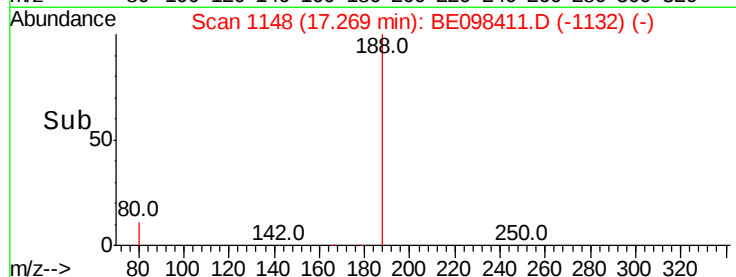
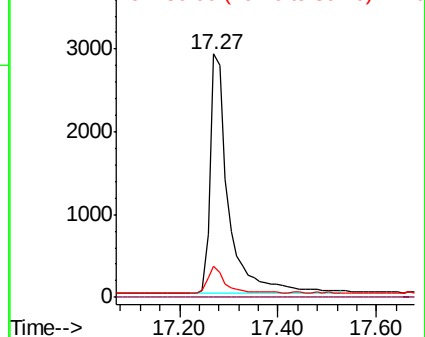
80 13.0 7.2 10.8#



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: 0.095 ng

RT: 19.31 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE098411.D

Acq: 13 Dec 2018 23:54

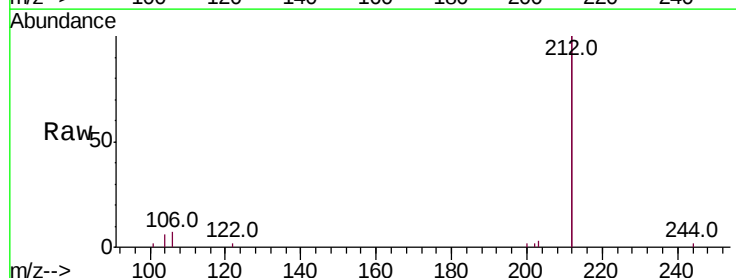
Tgt Ion:212 Resp: 9282

Ion Ratio Lower Upper

212 100

106 2.8 2.2 3.2

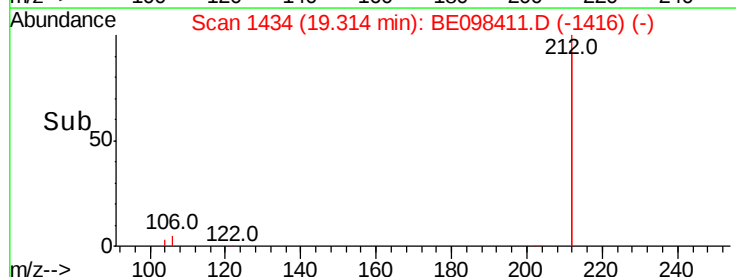
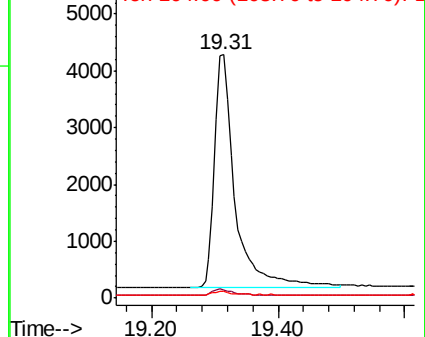
104 1.5 1.3 1.9

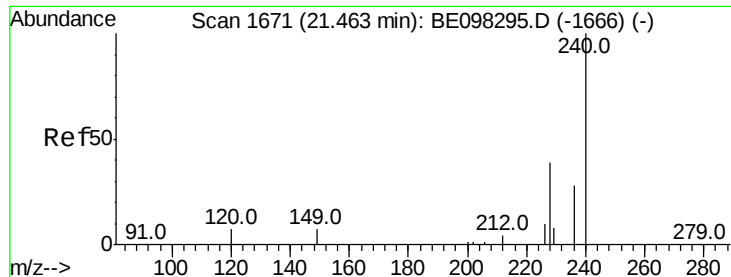


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE098411.D

Acq: 13 Dec 2018 23:54

Instrument :

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RE-103D1-20181205DL

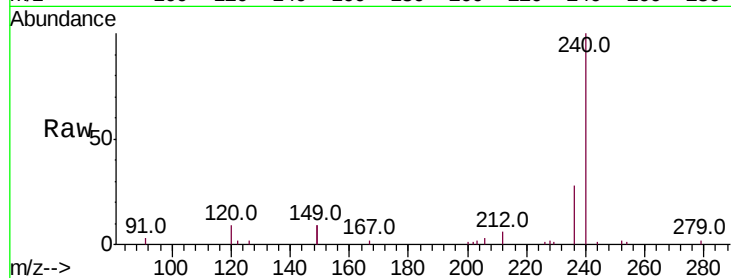
Tot Ion:240 Resp: 8490

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

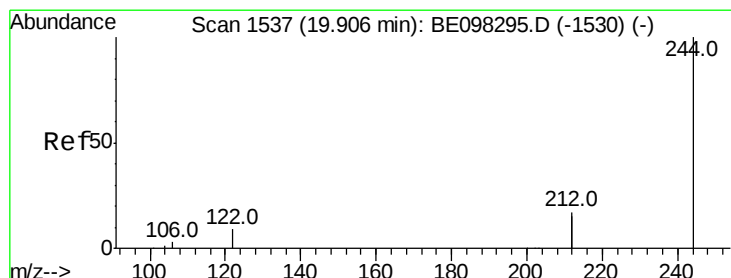
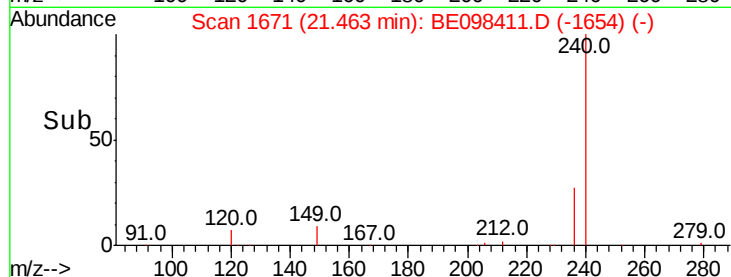
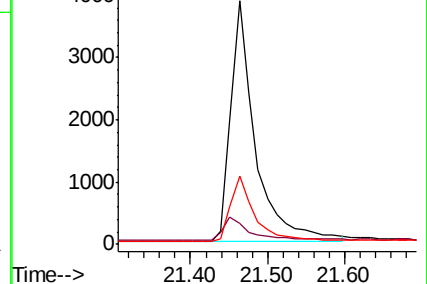
236 28.1 22.7 34.1



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: 0.082 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098411.D

Acq: 13 Dec 2018 23:54

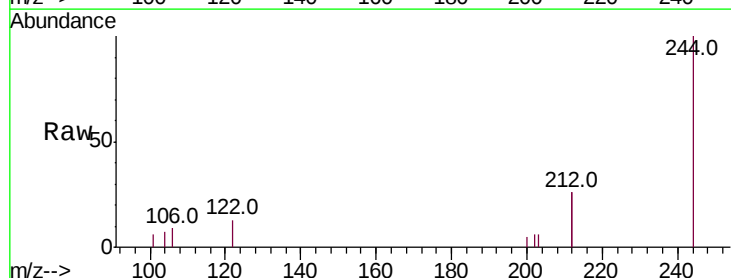
Tgt Ion:244 Resp: 1695

Ion Ratio Lower Upper

244 100

212 52.4 27.4 41.0#

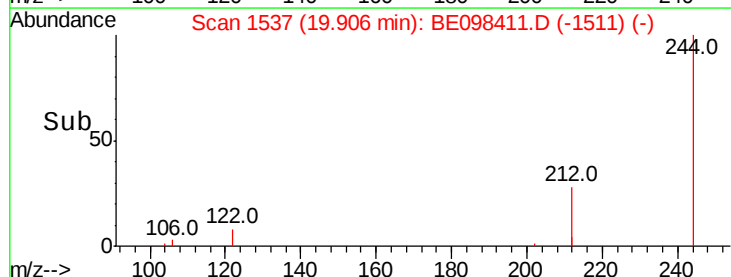
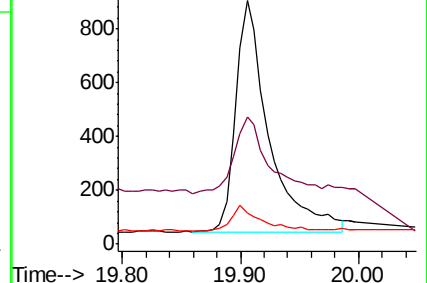
122 13.0 8.3 12.5#

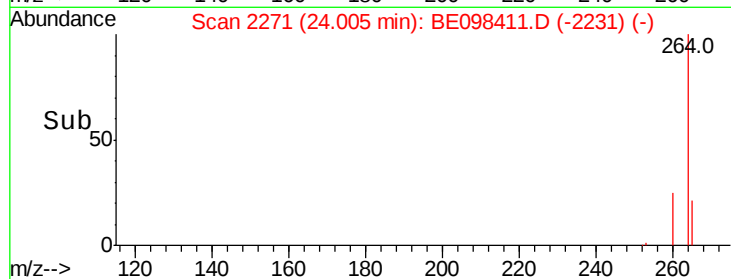
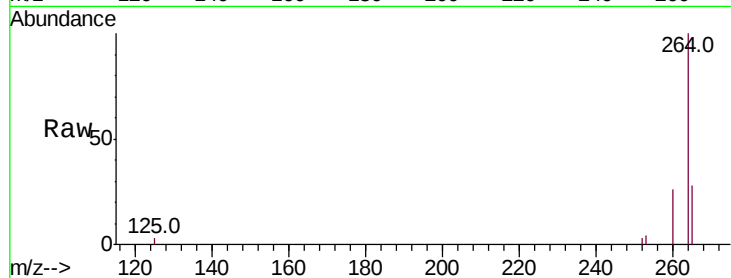
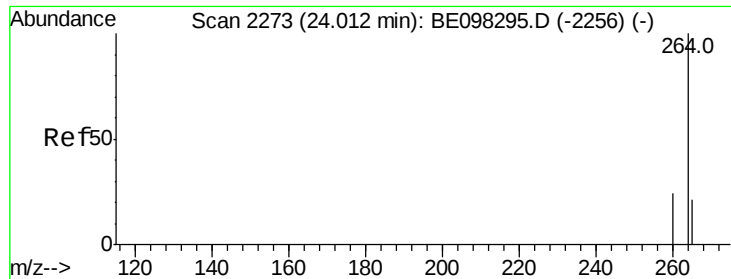


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.01 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BE098411.D

Acq: 13 Dec 2018 23:54

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181205DL

Tot Ion:264 Resp: 7952

Ion Ratio Lower Upper

264 100

260 26.4 20.2 30.2

265 27.8 25.2 37.8

