

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122118\
 Data File : BE098556.D
 Acq On : 21 Dec 2018 17:45
 Operator : SJ/JU
 Sample : J6488-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-181218

Quant Time: Dec 22 01:03:30 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

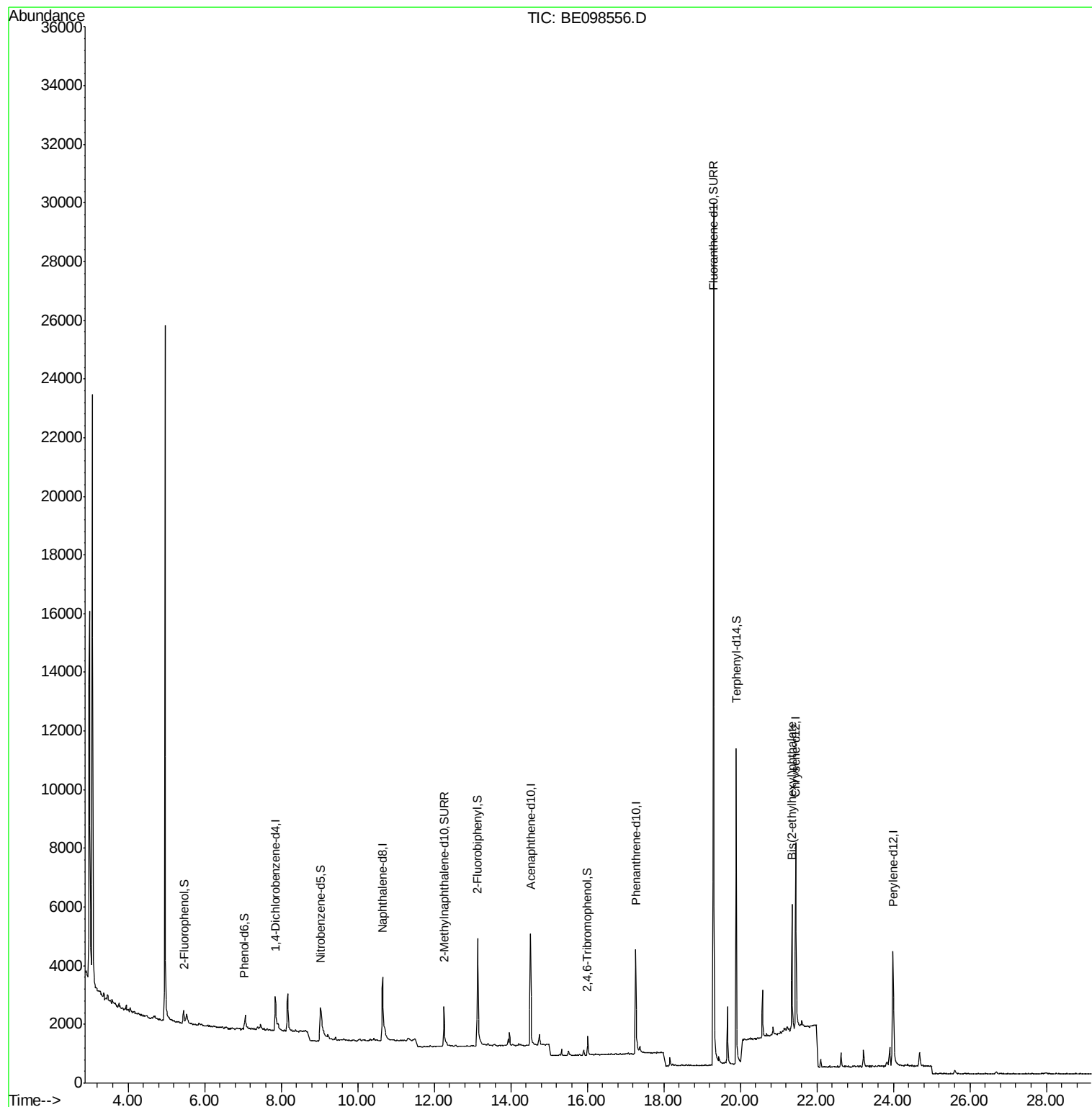
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	736	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	3244	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2381	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	6262	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	7662	0.40	ng	-0.01
34) Perylene-d12	23.99	264	6678	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	305	0.18	ng	0.00
5) Phenol-d6	7.03	99	305	0.13	ng	-0.01
8) Nitrobenzene-d5	9.03	82	1117	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	2485	0.47	ng	-0.01
14) 2,4,6-Tribromophenol	16.01	330	492	0.56	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	5063	0.50	ng	-0.01
25) Fluoranthene-d10	19.30	212	43616	0.54	ng	-0.01
29) Terphenyl-d14	19.89	244	10353	0.56	ng	-0.01
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.35	149	4856	0.110	ng	99

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

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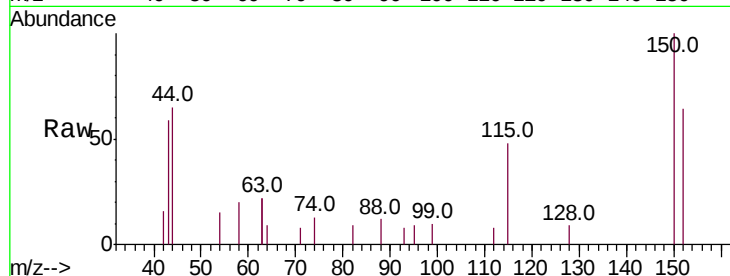


#1

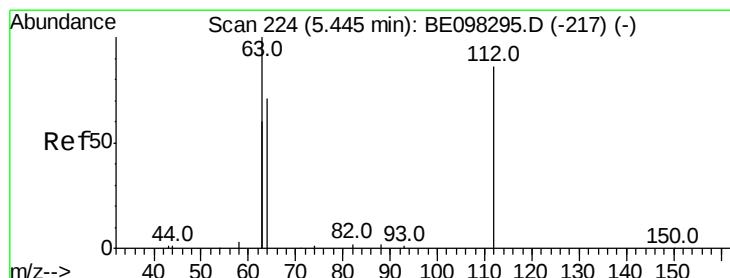
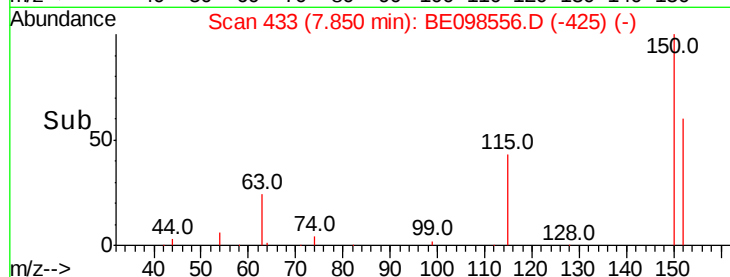
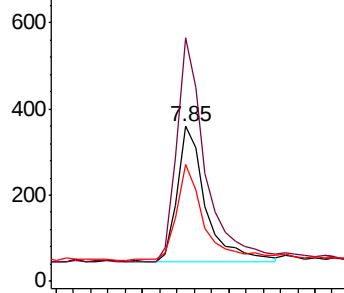
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098556.D
Acq: 21 Dec 2018 17:45

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-181218

Tot Ion:152 Resp: 736
Ion Ratio Lower Upper
152 100
150 156.9 124.2 186.4
115 75.3 53.9 80.9



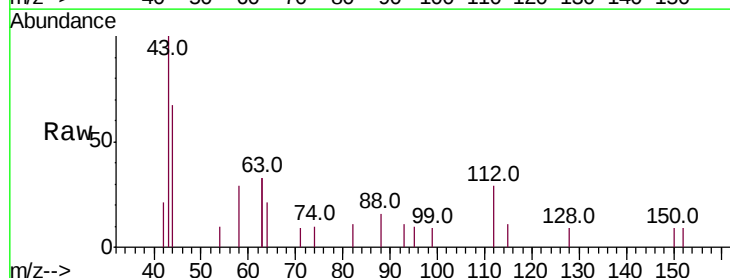
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



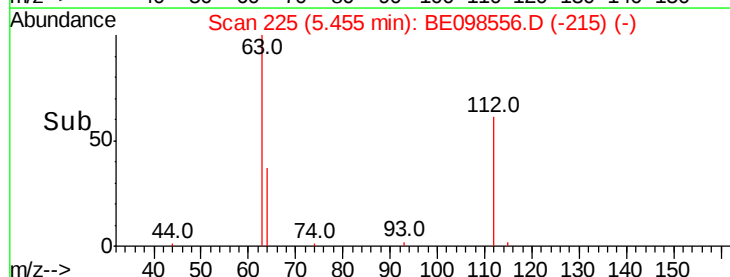
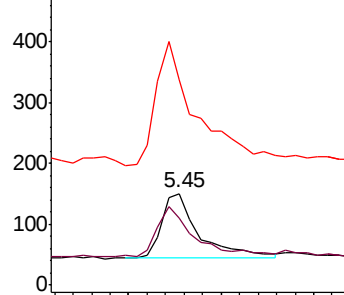
#4

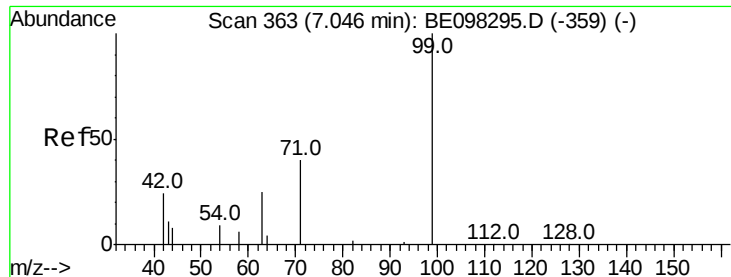
2-Fluorophenol
Concen: 0.177 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098556.D
Acq: 21 Dec 2018 17:45

Tgt Ion:112 Resp: 305
Ion Ratio Lower Upper
112 100
64 79.7 59.8 89.8
63 222.6 133.7 200.5#



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: 0.125 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098556.D

Acq: 21 Dec 2018 17:45

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181218

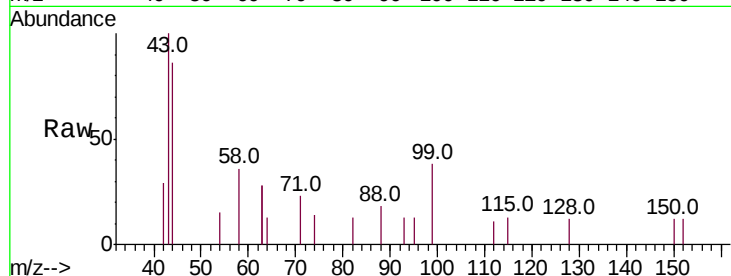
Tot Ion: 99 Resp: 305

Ion Ratio Lower Upper

99 100

42 52.8 26.3 39.5#

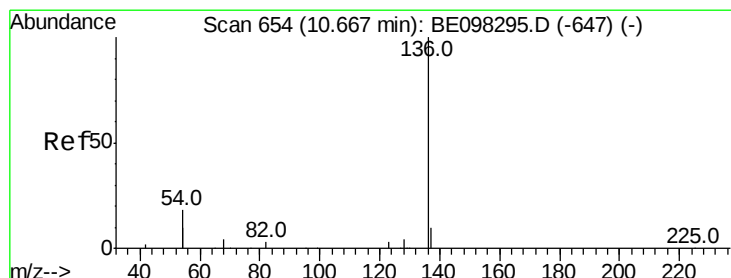
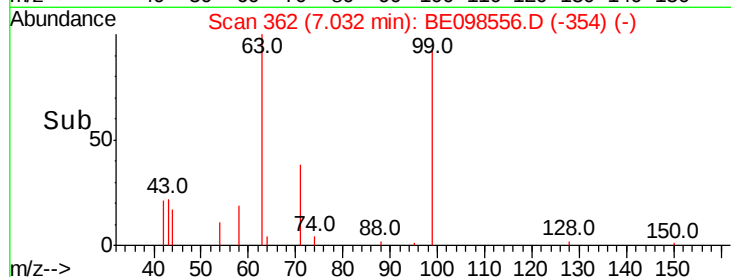
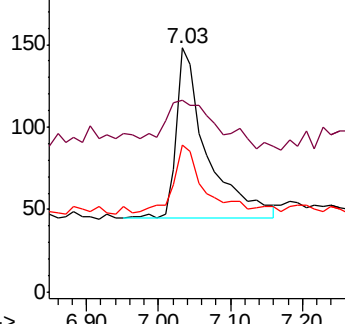
71 39.3 33.6 50.4



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098556.D

Acq: 21 Dec 2018 17:45

Tgt Ion:136 Resp: 3244

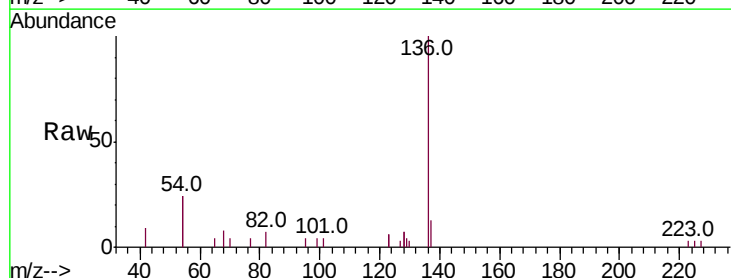
Ion Ratio Lower Upper

136 100

137 12.6 9.2 13.8

54 48.0 28.4 42.6#

68 8.1 5.4 8.0#

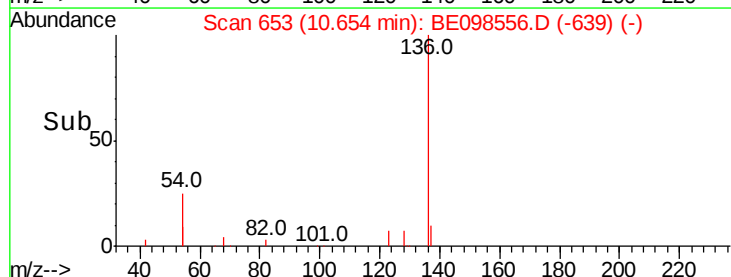
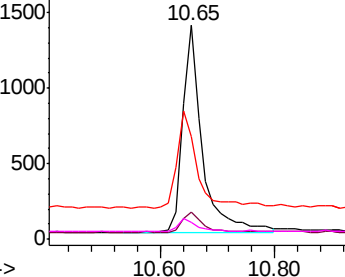


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.378 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098556.D

Acq: 21 Dec 2018 17:45

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181218

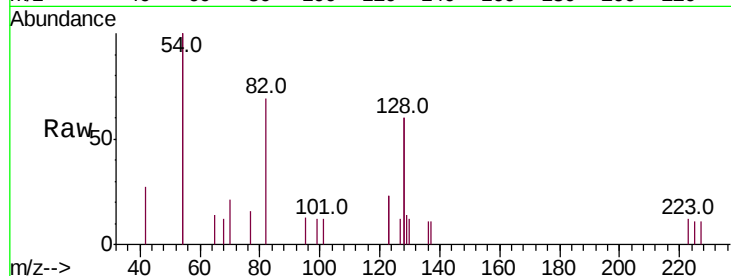
Tot Ion: 82 Resp: 1117

Ion Ratio Lower Upper

82 100

128 175.6 102.4 153.6#

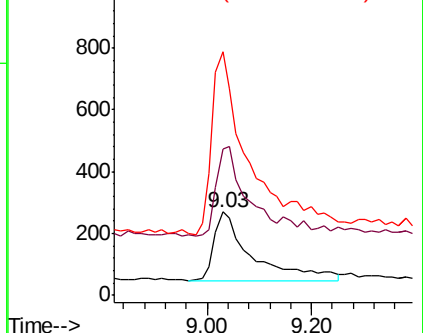
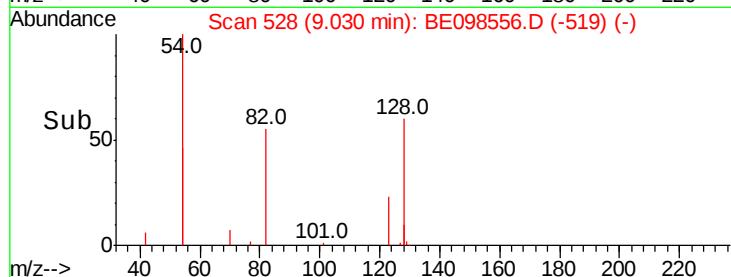
54 291.9 221.8 332.8



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: 0.471 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098556.D

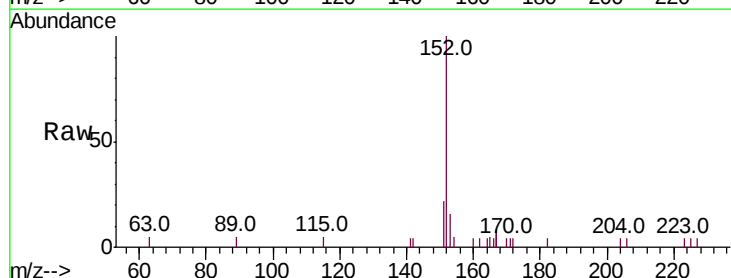
Acq: 21 Dec 2018 17:45

Tgt Ion: 152 Resp: 2485

Ion Ratio Lower Upper

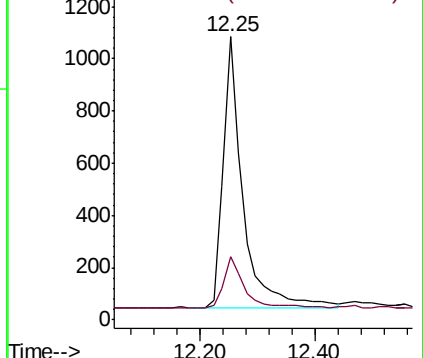
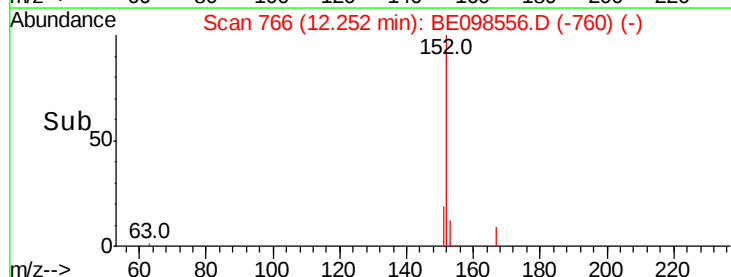
152 100

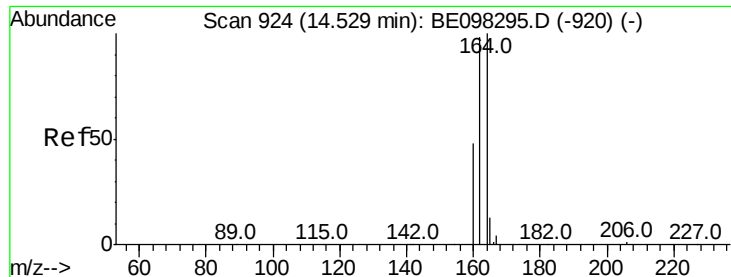
151 20.2 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

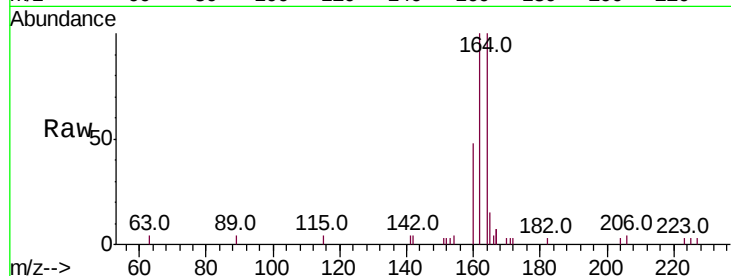




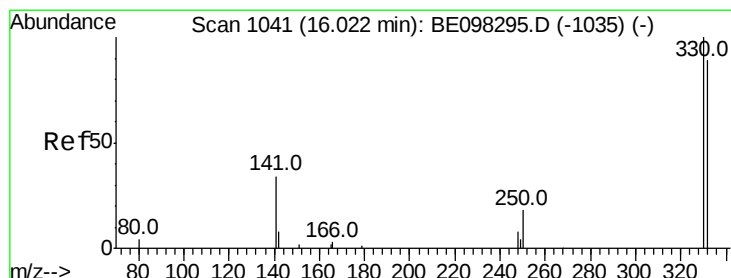
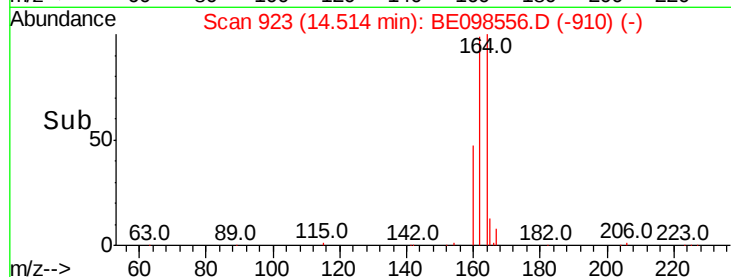
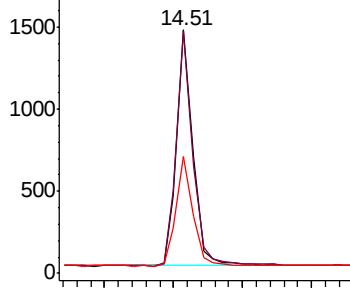
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BE098556.D
 Acq: 21 Dec 2018 17:45

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-181218

Tot Ion:164 Resp: 2381
 Ion Ratio Lower Upper
 164 100
 162 99.7 77.6 116.4
 160 48.2 36.0 54.0

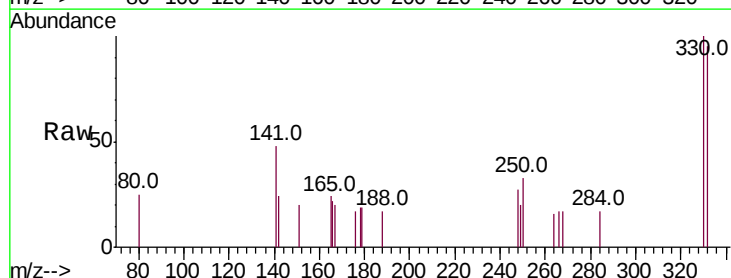


Abundance Ion 164.00 (163.70 to 164.70): E
 2000 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

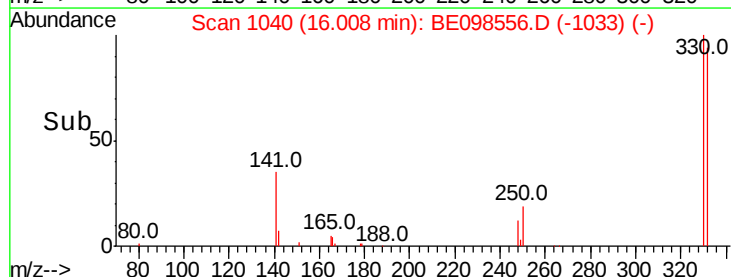
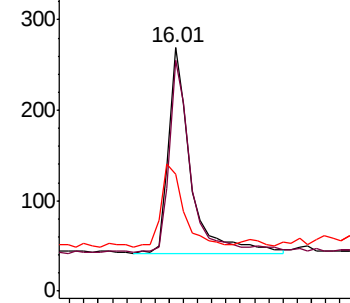


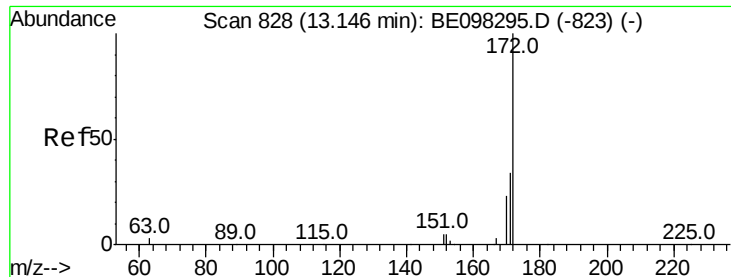
#14
 2,4,6-Tribromophenol
 Concen: 0.563 ng
 RT: 16.01 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BE098556.D
 Acq: 21 Dec 2018 17:45

Tgt Ion:330 Resp: 492
 Ion Ratio Lower Upper
 330 100
 332 91.7 76.2 114.4
 141 41.3 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

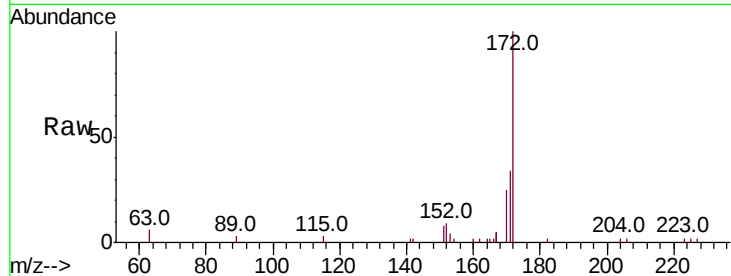




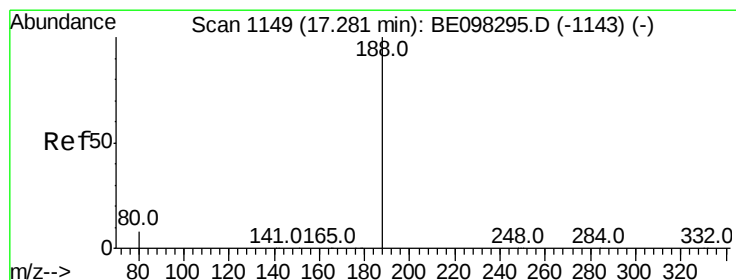
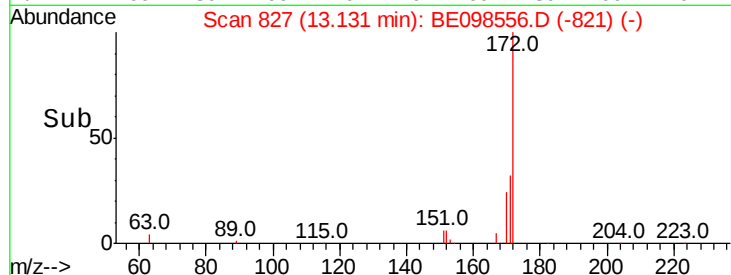
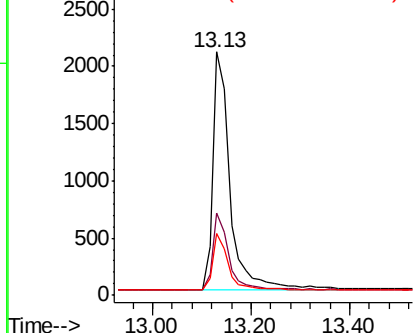
#15
 2-Fluorobiphenyl
 Concen: 0.504 ng
 RT: 13.13 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BE098556.D
 Acq: 21 Dec 2018 17:45

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-181218

Tot Ion:172 Resp: 5063
 Ion Ratio Lower Upper
 172 100
 171 33.8 27.5 41.3
 170 25.2 19.6 29.4

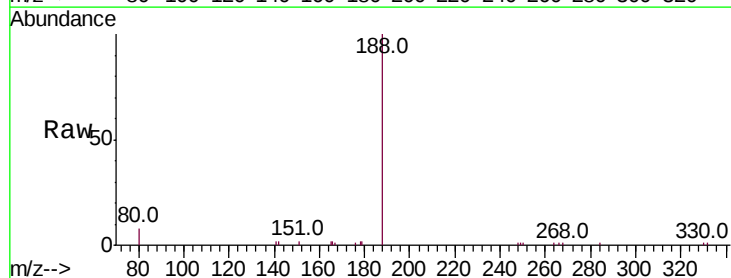


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

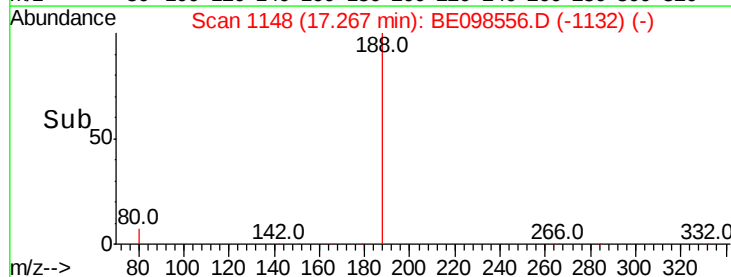
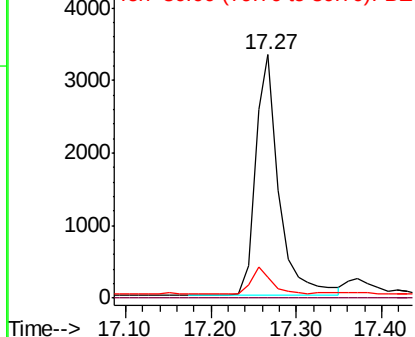


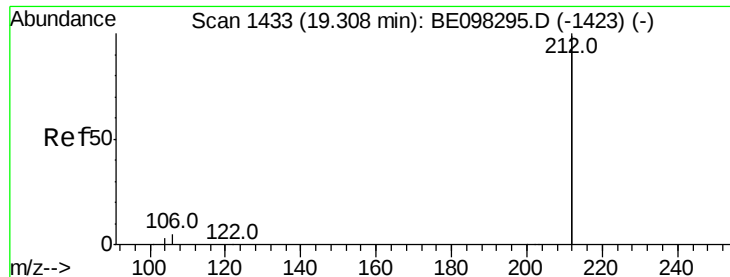
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.27 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BE098556.D
 Acq: 21 Dec 2018 17:45

Tgt Ion:188 Resp: 6262
 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: 0.543 ng

RT: 19.30 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE098556.D

Acq: 21 Dec 2018 17:45

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181218

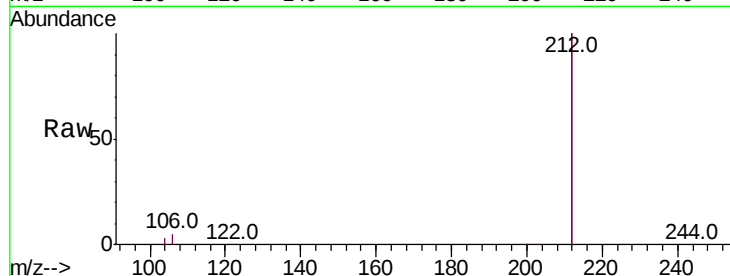
Tot Ion:212 Resp: 43616

Ion Ratio Lower Upper

212 100

106 2.4 2.2 3.2

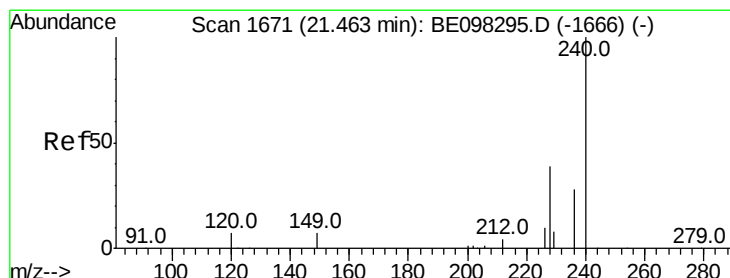
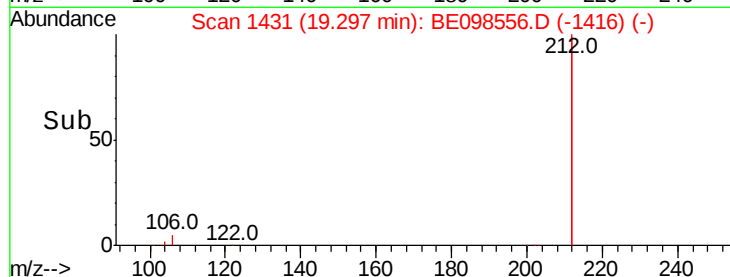
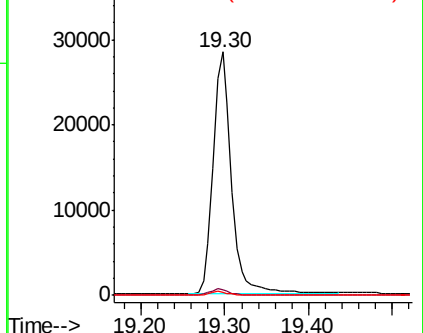
104 1.5 1.3 1.9



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: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098556.D

Acq: 21 Dec 2018 17:45

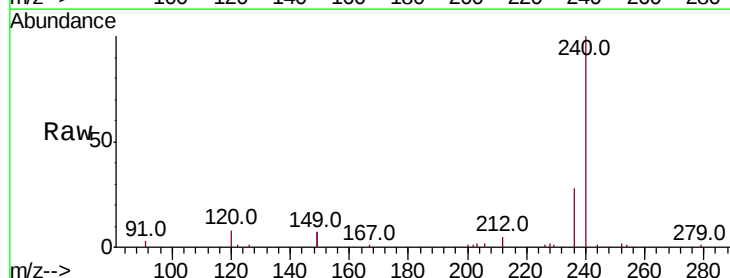
Tgt Ion:240 Resp: 7662

Ion Ratio Lower Upper

240 100

120 7.7 9.5 14.3#

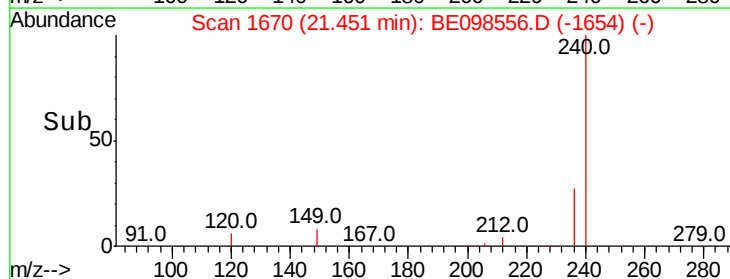
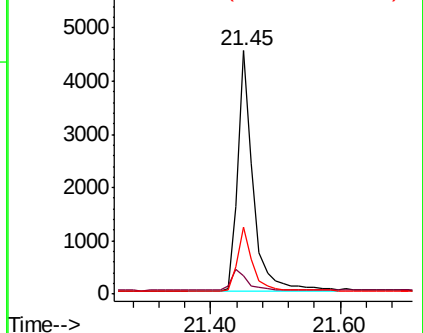
236 27.6 22.7 34.1

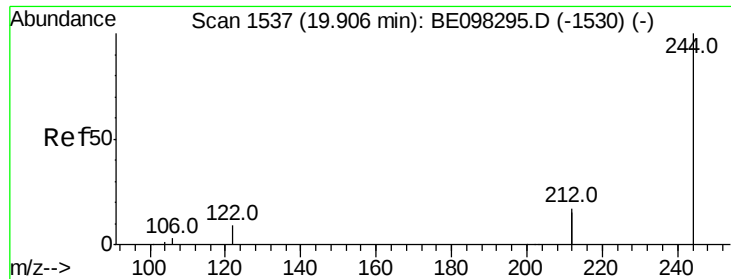


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.556 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098556.D

Acq: 21 Dec 2018 17:45

Instrument :

BNA_E

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OUTFALL001-181218

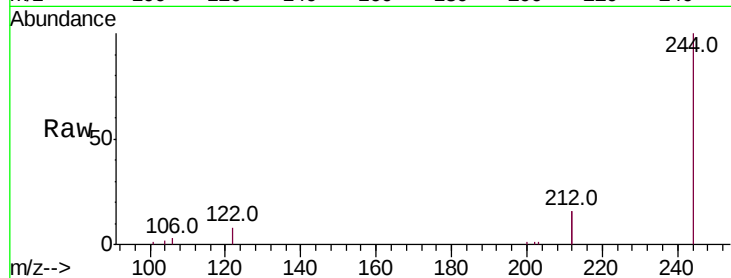
Tot Ion:244 Resp: 10353

Ion Ratio Lower Upper

244 100

212 32.7 27.4 41.0

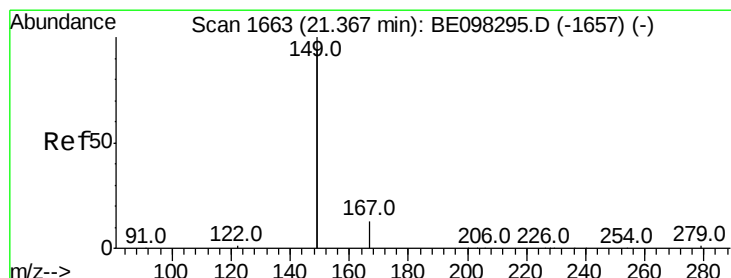
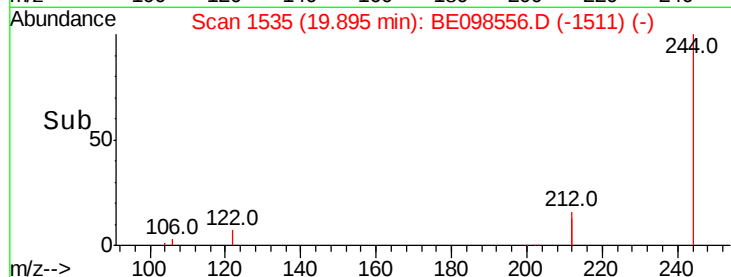
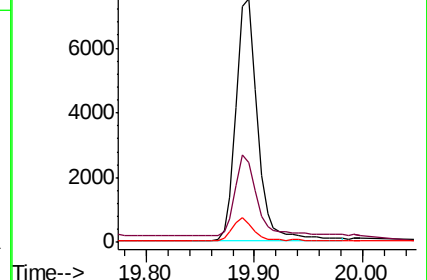
122 7.7 8.3 12.5#



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: 0.110 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098556.D

Acq: 21 Dec 2018 17:45

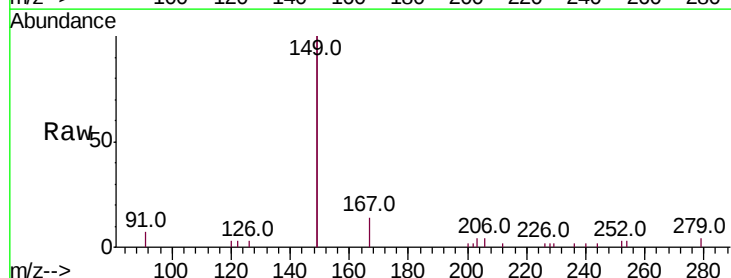
Tgt Ion:149 Resp: 4856

Ion Ratio Lower Upper

149 100

167 6.9 5.7 8.5

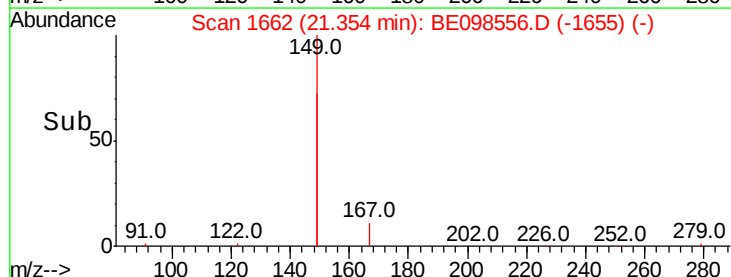
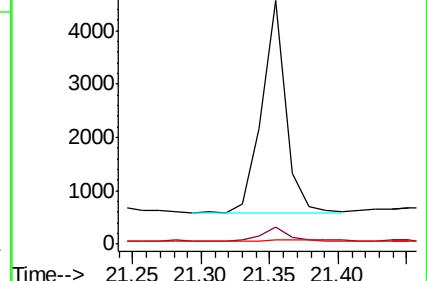
279 1.4 1.0 1.4

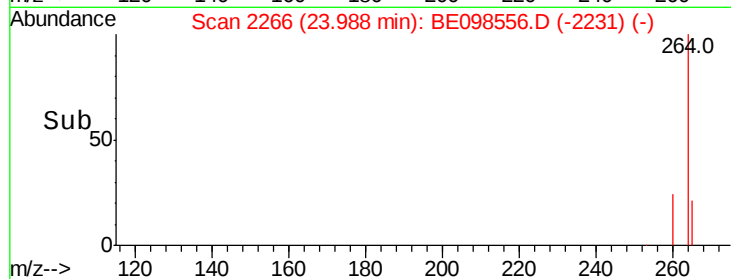
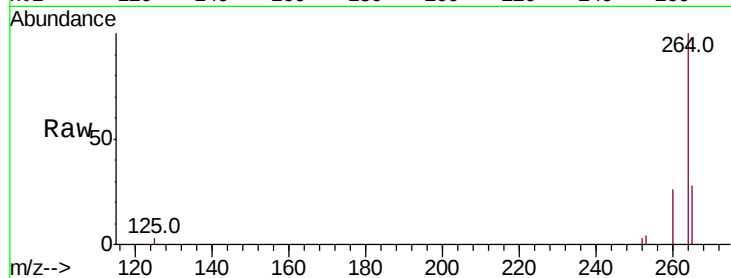


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.99 min Scan# 2266

Delta R.T. -0.02 min

Lab File: BE098556.D

Acq: 21 Dec 2018 17:45

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181218

Tot Ion:264 Resp: 6678

Ion Ratio Lower Upper

264 100

260 25.5 20.2 30.2

265 28.1 25.2 37.8

