

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121218\
 Data File : BE098383.D
 Acq On : 13 Dec 2018 4:40
 Operator : SJ/JU
 Sample : J6325-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-125D3-20181204

Quant Time: Dec 13 05:54:57 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

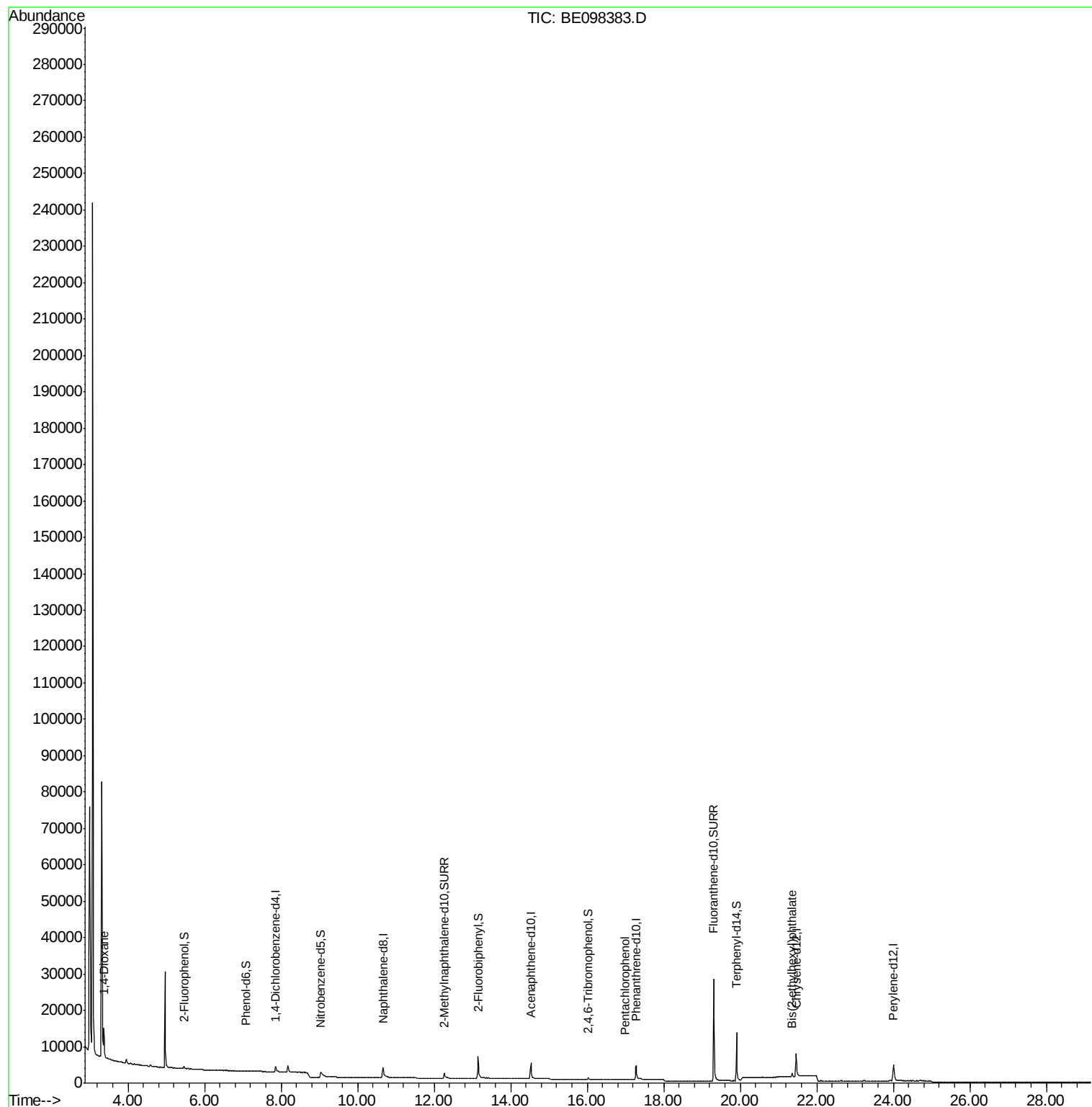
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1060	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4638	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3060	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8046	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9141	0.40	ng	0.00
34) Perylene-d12	24.00	264	8632	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	524	0.21	ng	0.00
5) Phenol-d6	7.08	99	363	0.10	ng	0.03
8) Nitrobenzene-d5	9.04	82	1497	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	3241	0.43	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	485	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	8163	0.63	ng	0.00
25) Fluoranthene-d10	19.30	212	45160	0.44	ng	0.00
29) Terphenyl-d14	19.90	244	14435	0.65	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	3962	2.161	ng	# 89
22) Pentachlorophenol	16.98	266	13	0.034	ng	# 70
32) Bis(2-ethylhexyl)phthalate	21.35	149	1460	0.028	ng	# 98

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

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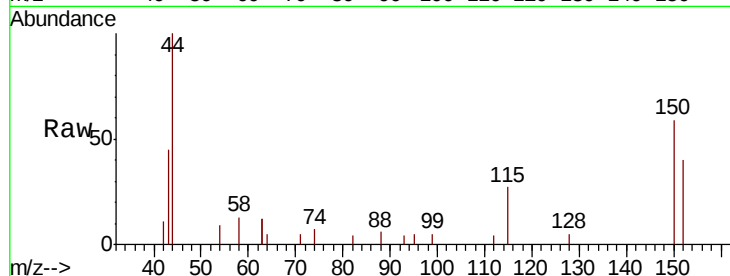


#1

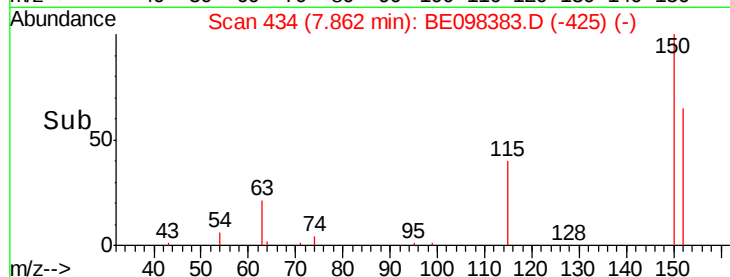
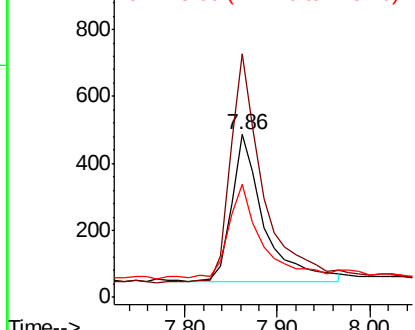
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098383.D
Acq: 13 Dec 2018 4:40

Instrument :
BNA_E
ClientSampleId :
RE-125D3-20181204

Tgt Ion: 152 Resp: 1060
Ion Ratio Lower Upper
152 100
150 149.9 124.2 186.4
115 69.3 53.9 80.9



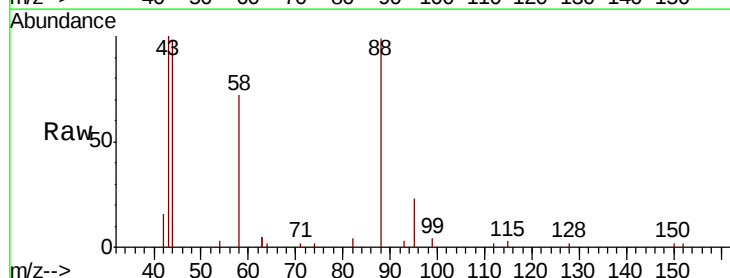
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



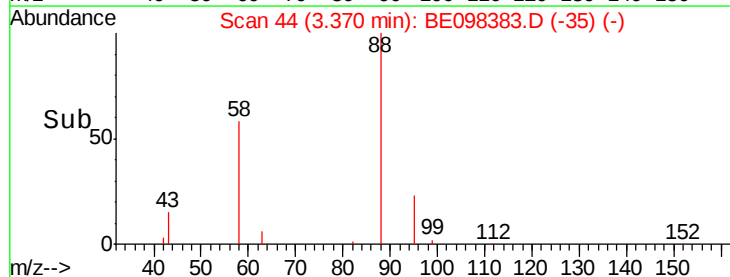
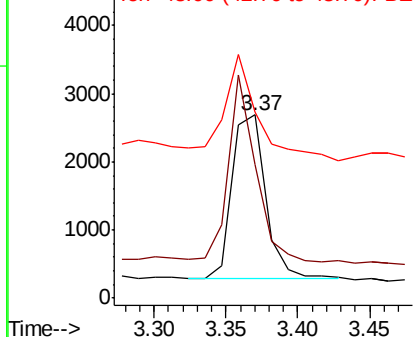
#2

1,4-Dioxane
Concen: 2.161 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098383.D
Acq: 13 Dec 2018 4:40

Tgt Ion: 88 Resp: 3962
Ion Ratio Lower Upper
88 100
58 89.7 75.0 112.6
43 65.1 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: 0.211 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098383.D

Acq: 13 Dec 2018 4:40

Instrument :

BNA_E

ClientSampleId :

RE-125D3-20181204

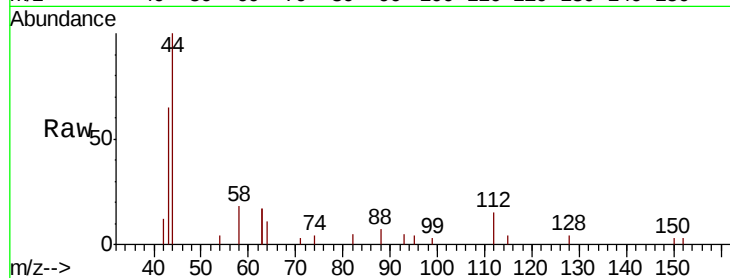
Tgt Ion: 112 Resp: 524

Ion Ratio Lower Upper

112 100

64 74.4 59.8 89.8

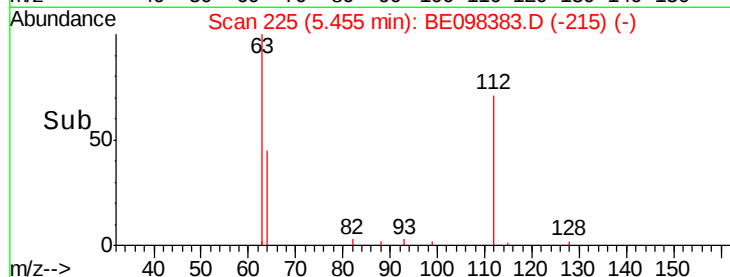
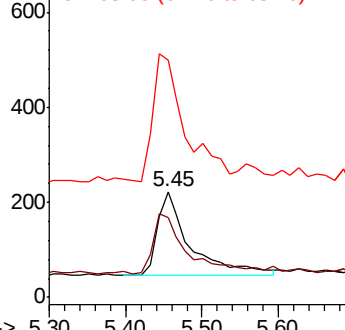
63 151.3 133.7 200.5



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



#5

Phenol-d6

Concen: 0.103 ng

RT: 7.08 min Scan# 366

Delta R.T. 0.03 min

Lab File: BE098383.D

Acq: 13 Dec 2018 4:40

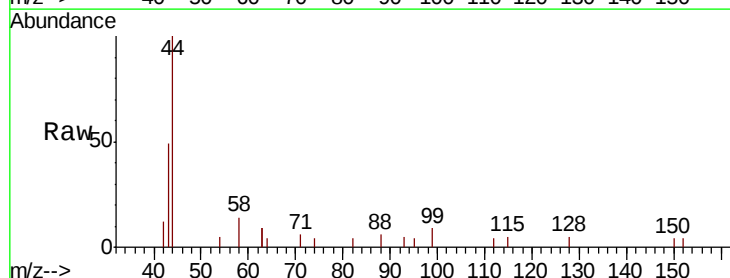
Tgt Ion: 99 Resp: 363

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

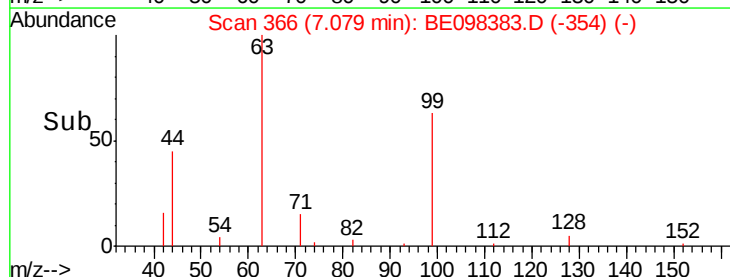
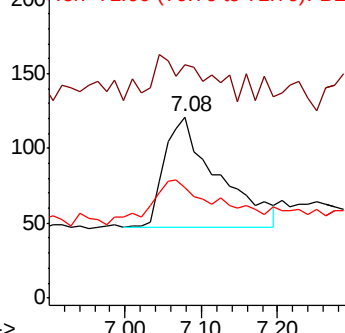
71 50.1 33.6 50.4



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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098383.D

Acq: 13 Dec 2018 4:40

Instrument :

BNA_E

ClientSampleId :

RE-125D3-20181204

Tgt Ion: 136 Resp: 4638

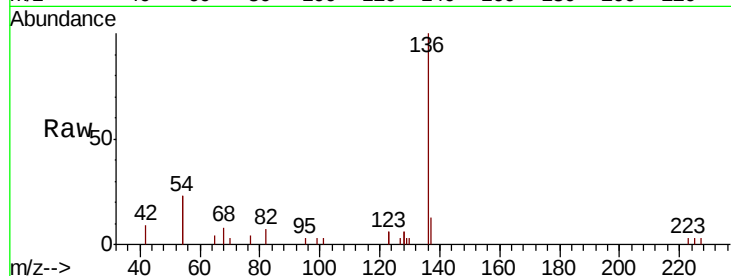
Ion Ratio Lower Upper

136 100

137 13.2 9.2 13.8

54 45.6 28.4 42.6#

68 7.5 5.4 8.0

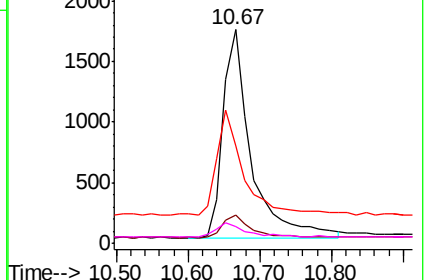
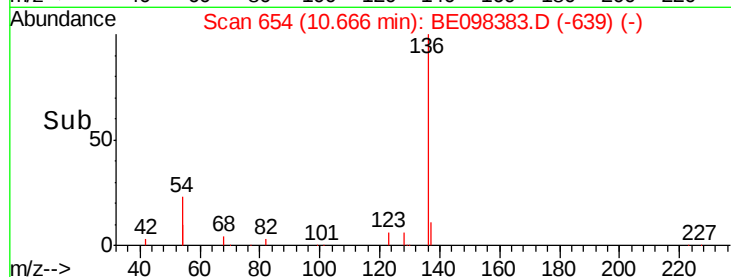


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.355 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098383.D

Acq: 13 Dec 2018 4:40

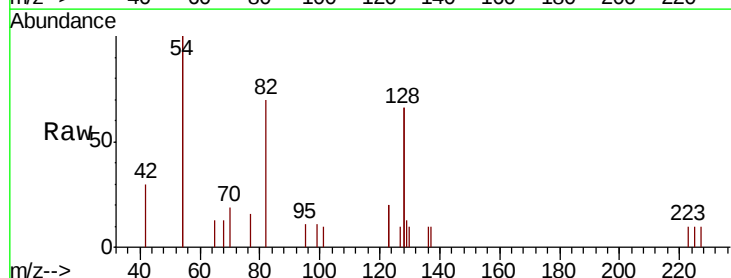
Tgt Ion: 82 Resp: 1497

Ion Ratio Lower Upper

82 100

128 188.4 102.4 153.6#

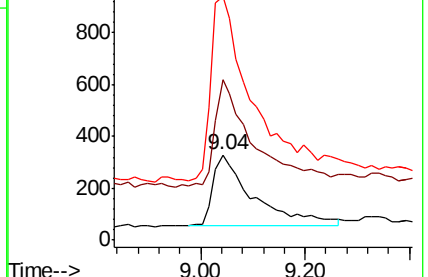
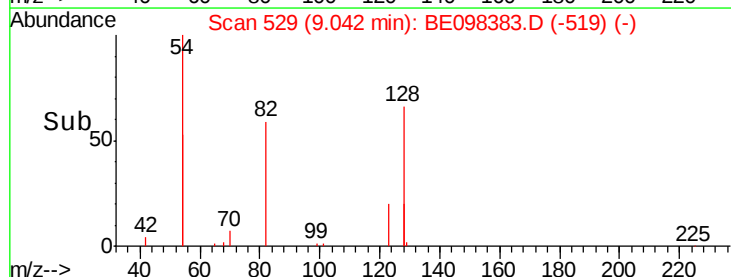
54 286.6 221.8 332.8

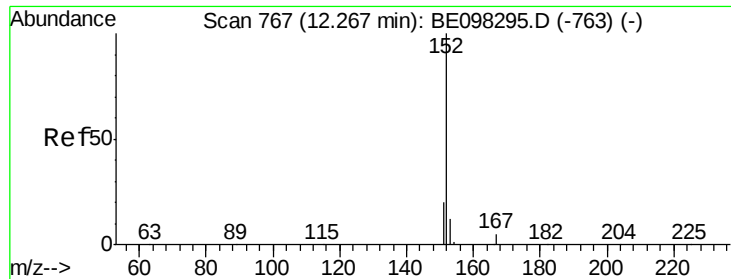


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

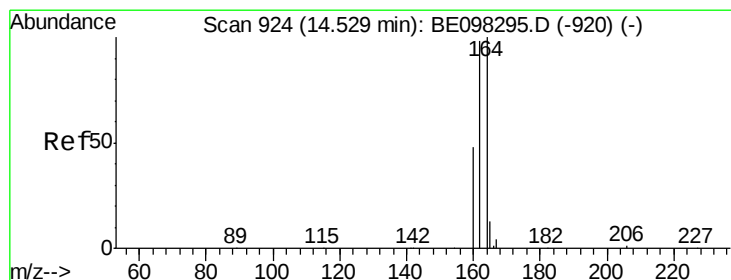
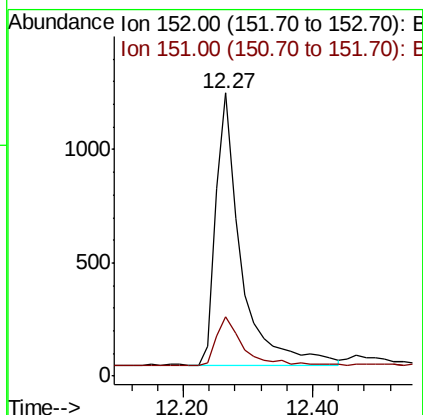
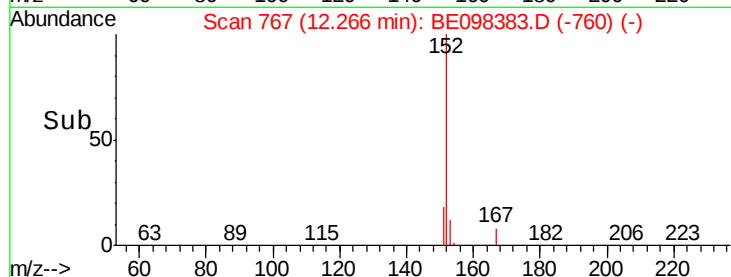
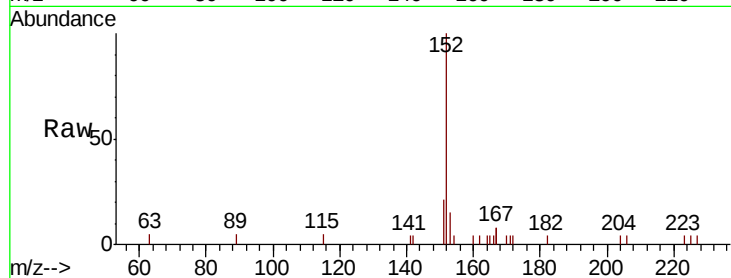




#11
 2-Methylnaphthalene-d10
 Concen: 0.430 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098383.D
 Acq: 13 Dec 2018 4:40

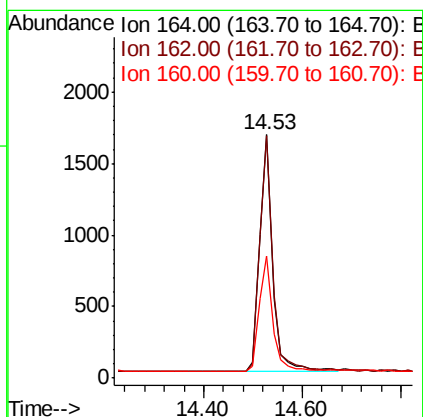
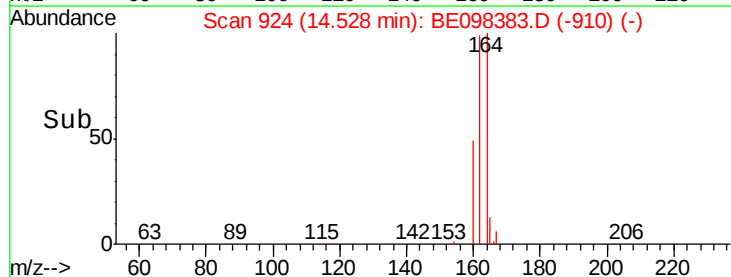
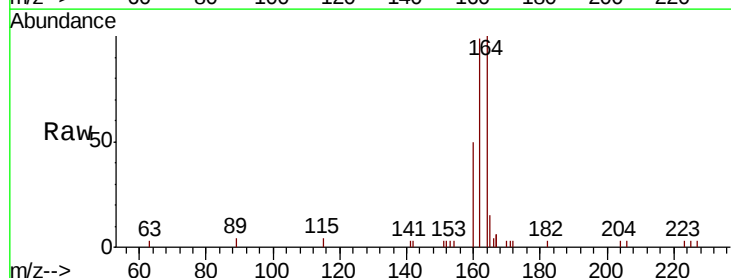
Instrument :
 BNA_E
 ClientSampleId :
 RE-125D3-20181204

Tgt Ion:152 Resp: 3241
 Ion Ratio Lower Upper
 152 100
 151 18.9 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: BE098383.D
 Acq: 13 Dec 2018 4:40

Tgt Ion:164 Resp: 3060
 Ion Ratio Lower Upper
 164 100
 162 99.4 77.6 116.4
 160 50.1 36.0 54.0

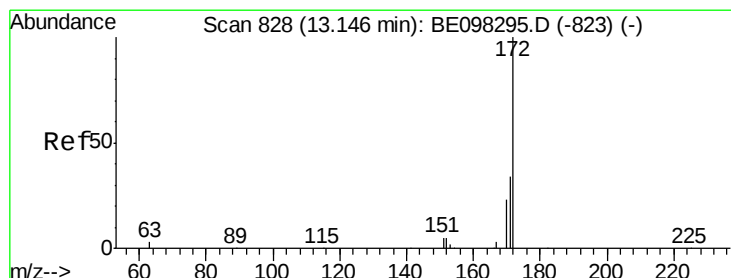
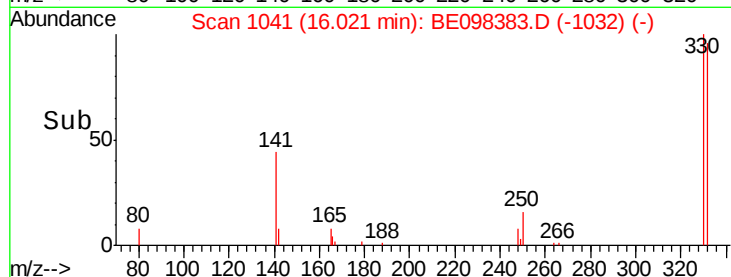
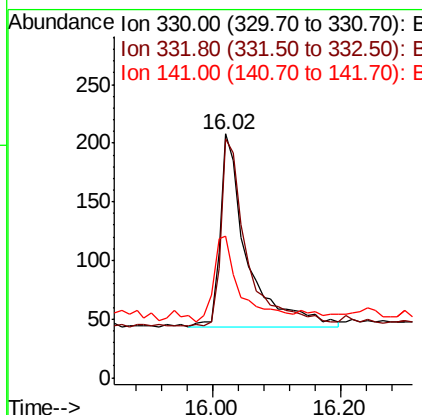
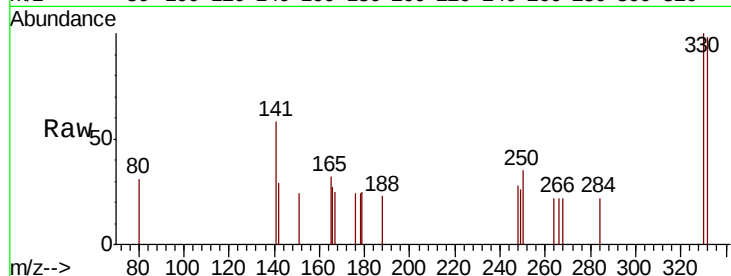




#14
 2,4,6-Tribromophenol
 Concen: 0.432 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098383.D
 Acq: 13 Dec 2018 4:40

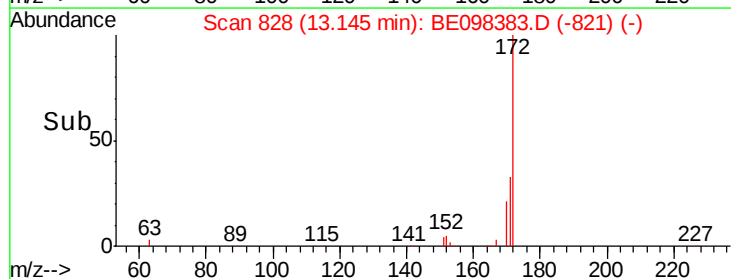
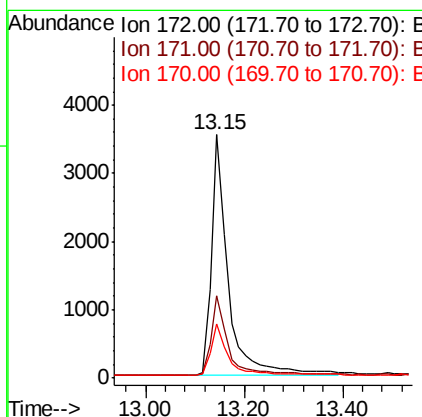
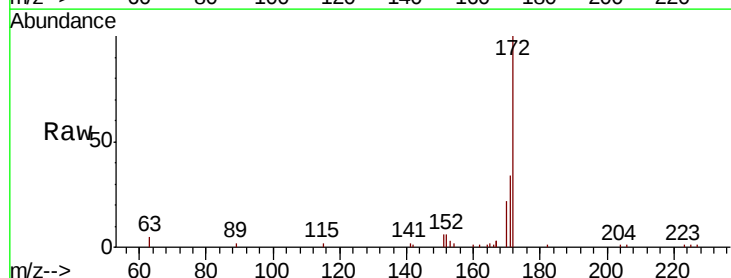
Instrument :
 BNA_E
 ClientSampleId :
 RE-125D3-20181204

Tgt Ion: 330 Resp: 485
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.2 114.4
 141 44.3 39.0 58.4



#15
 2-Fluorobiphenyl
 Concen: 0.632 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098383.D
 Acq: 13 Dec 2018 4:40

Tgt Ion: 172 Resp: 8163
 Ion Ratio Lower Upper
 172 100
 171 33.8 27.5 41.3
 170 22.4 19.6 29.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098383.D

Acq: 13 Dec 2018 4:40

Instrument :

BNA_E

ClientSampleId :

RE-125D3-20181204

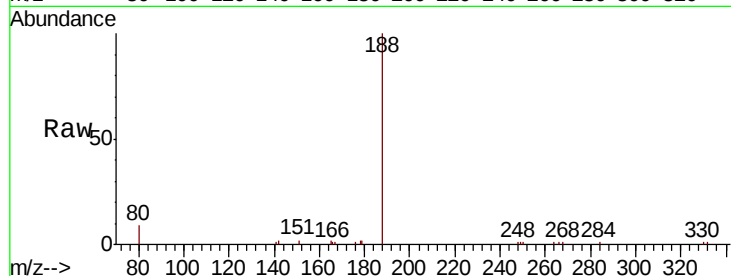
Tgt Ion:188 Resp: 8046

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

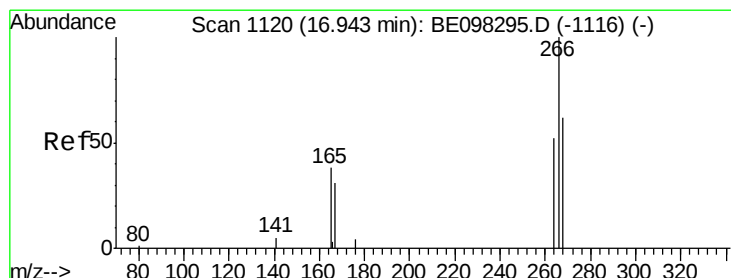
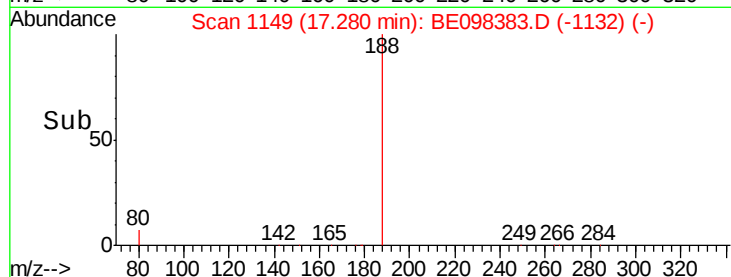
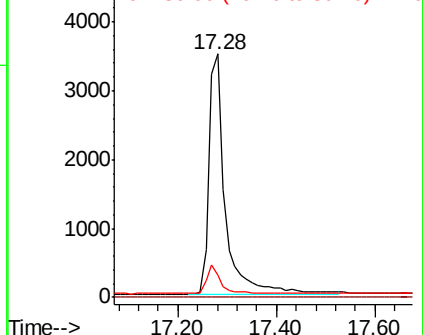
80 8.8 7.2 10.8



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



#22

Pentachlorophenol

Concen: 0.034 ng

RT: 16.98 min Scan# 1123

Delta R.T. 0.04 min

Lab File: BE098383.D

Acq: 13 Dec 2018 4:40

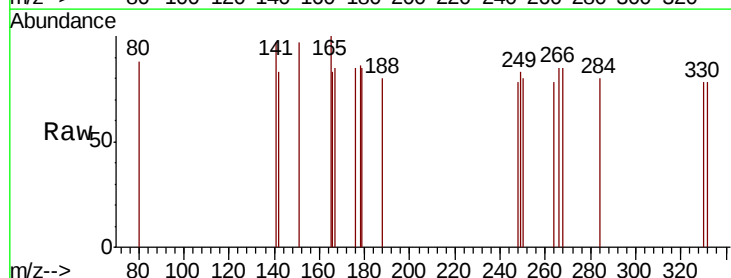
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 92.0 59.0 88.4#

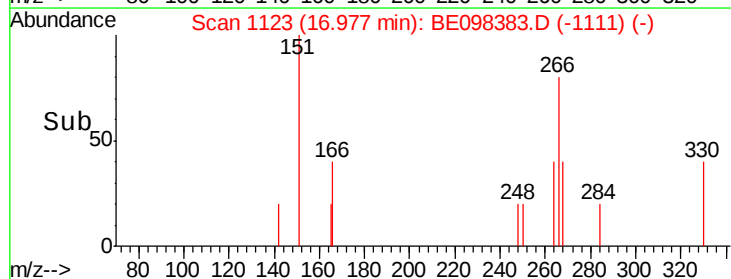
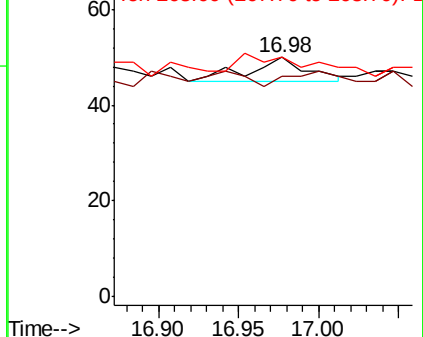
268 100.0 55.1 82.7#

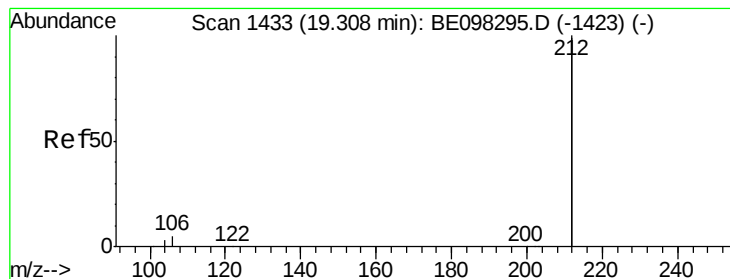


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.438 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098383.D

Acq: 13 Dec 2018 4:40

Instrument :

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RE-125D3-20181204

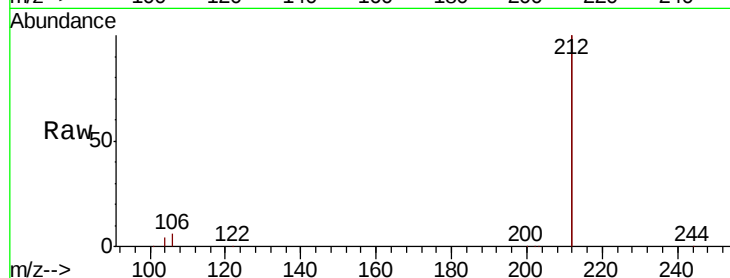
Tgt Ion:212 Resp: 45160

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

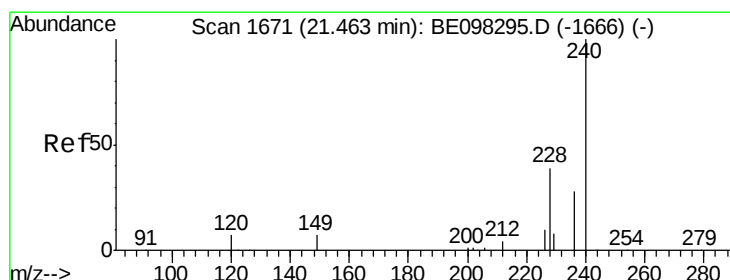
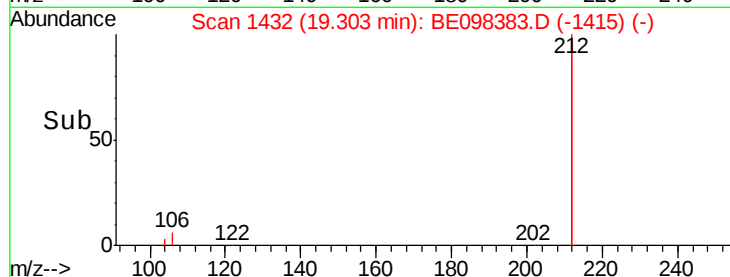
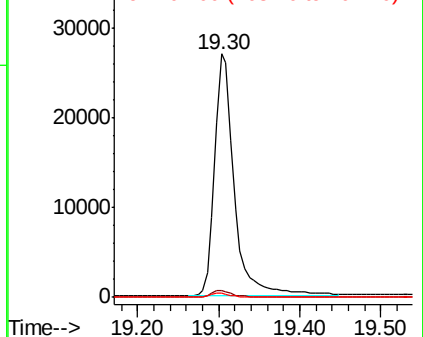
104 1.5 1.3 1.9



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: BE098383.D

Acq: 13 Dec 2018 4:40

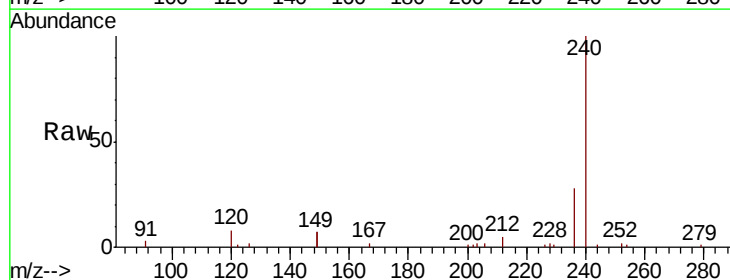
Tgt Ion:240 Resp: 9141

Ion Ratio Lower Upper

240 100

120 8.1 9.5 14.3#

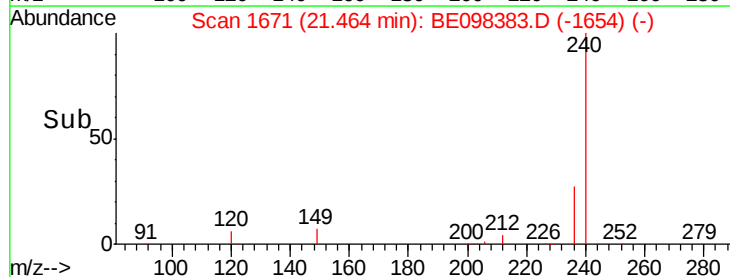
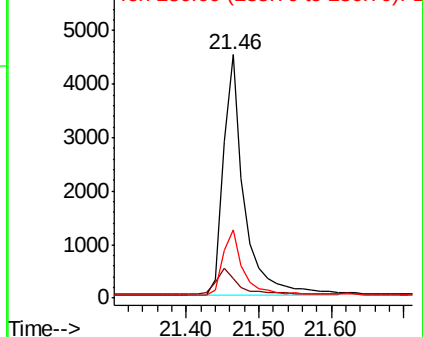
236 27.8 22.7 34.1

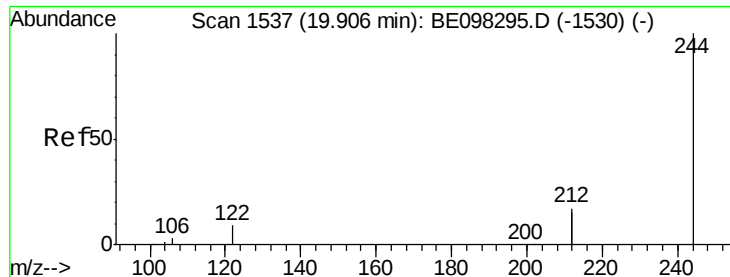


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.650 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098383.D

Acq: 13 Dec 2018 4:40

Instrument :

BNA_E

ClientSampleId :

RE-125D3-20181204

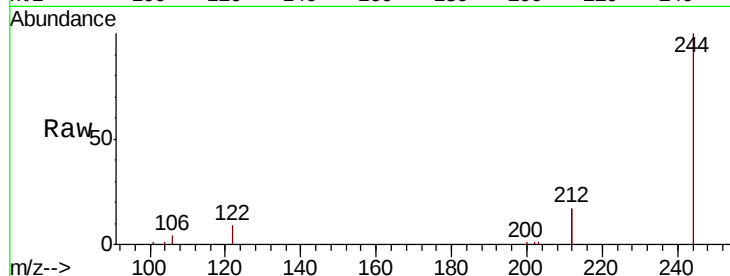
Tgt Ion:244 Resp: 14435

Ion Ratio Lower Upper

244 100

212 33.3 27.4 41.0

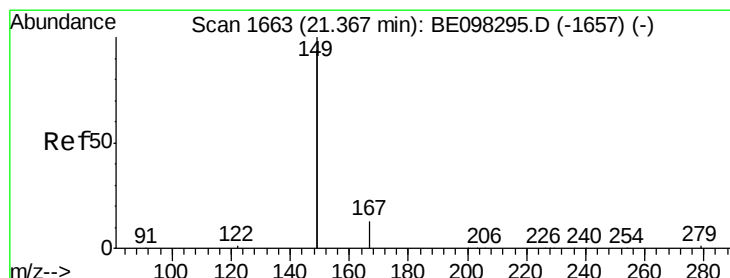
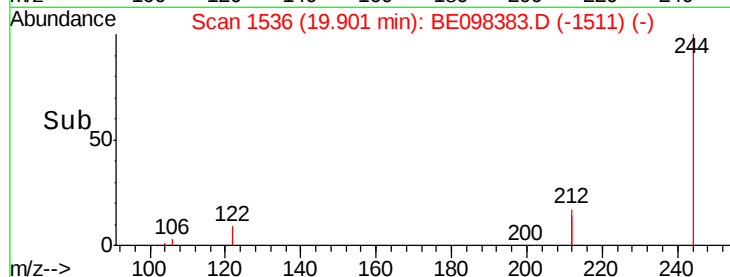
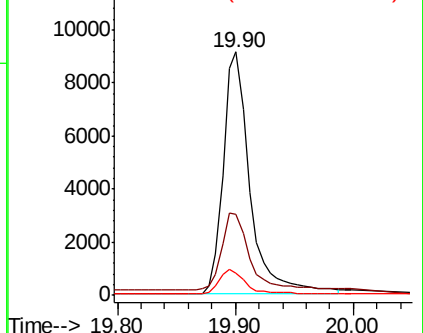
122 9.2 8.3 12.5



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: 0.028 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098383.D

Acq: 13 Dec 2018 4:40

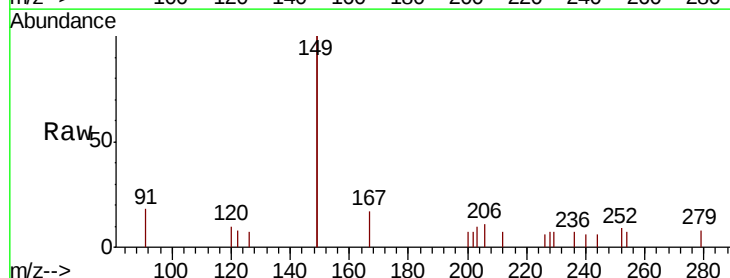
Tgt Ion:149 Resp: 1460

Ion Ratio Lower Upper

149 100

167 6.8 5.7 8.5

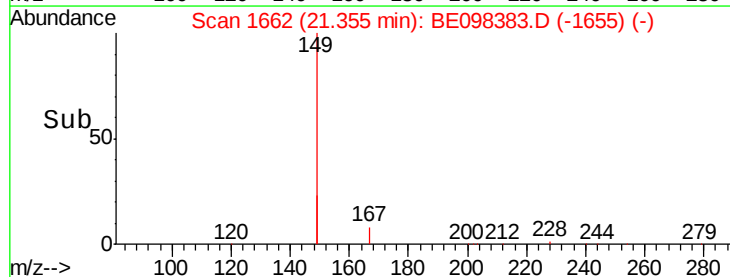
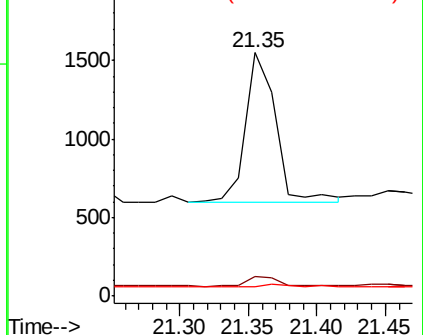
279 3.4 1.0 1.4#

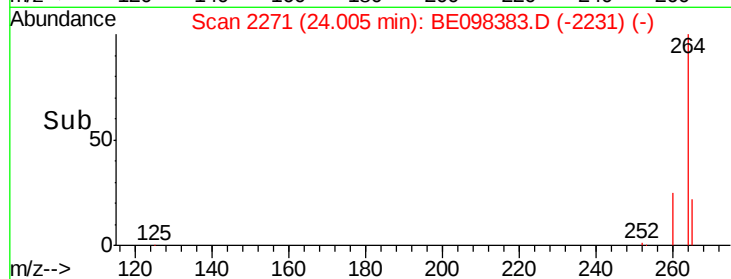
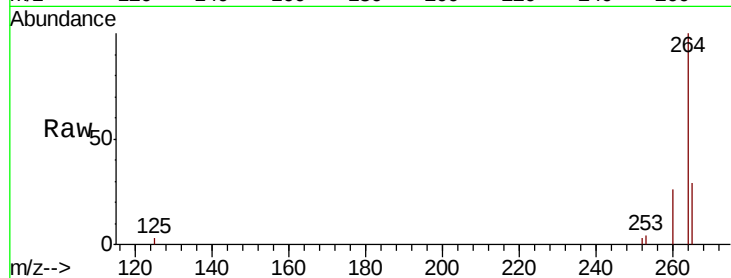


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 24.00 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BE098383.D

Acq: 13 Dec 2018 4:40

Instrument :

BNA_E

ClientSampleId :

RE-125D3-20181204

Tgt Ion: 264 Resp: 8632

Ion Ratio Lower Upper

264 100

260 25.7 20.2 30.2

265 28.8 25.2 37.8

