

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121218\
 Data File : BE098385.D
 Acq On : 13 Dec 2018 5:54
 Operator : SJ/JU
 Sample : J6325-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D3-20181205

Quant Time: Dec 13 07:32:18 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

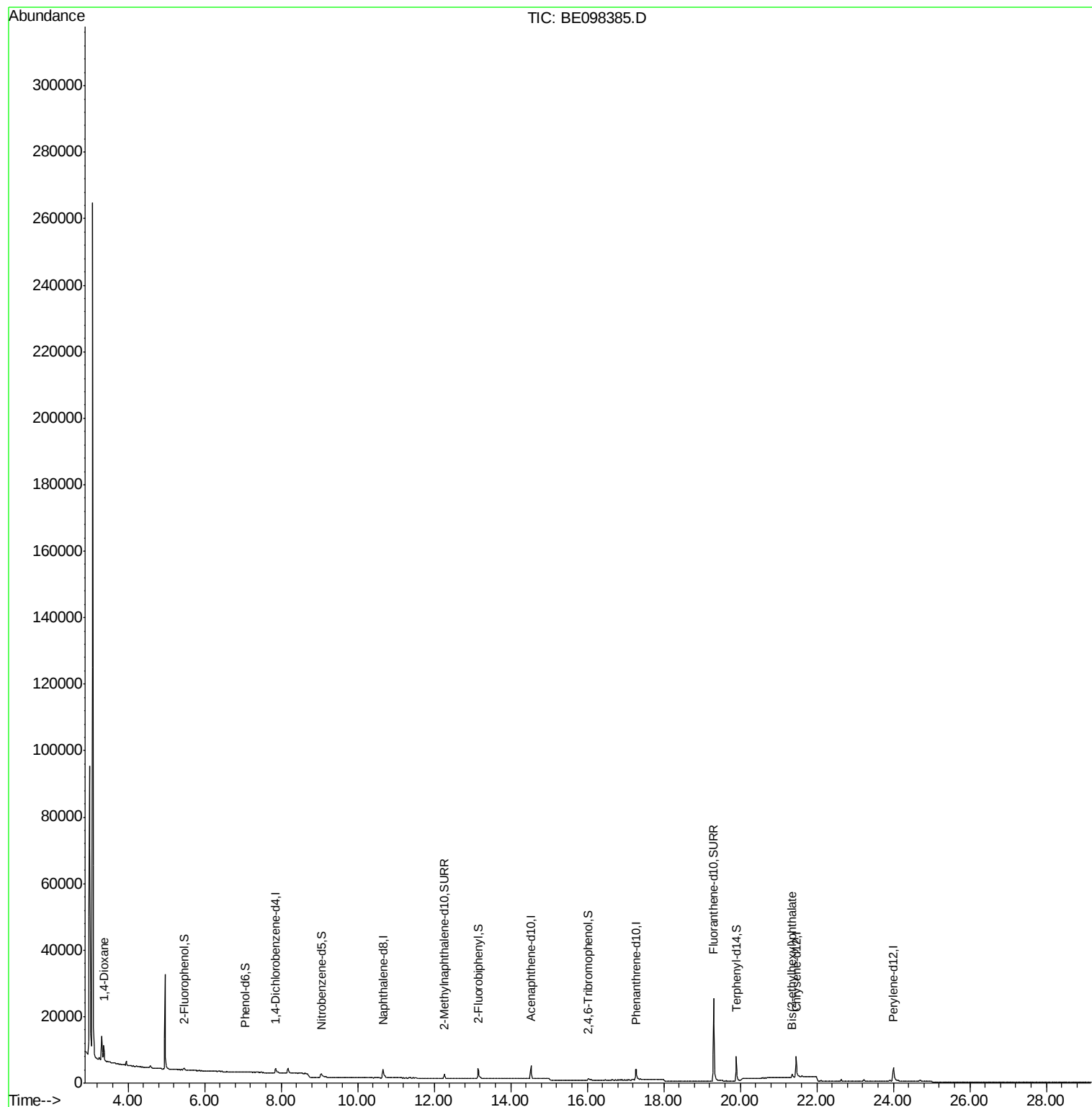
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1011	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4324	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2872	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7595	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8763	0.40	ng	0.00
34) Perylene-d12	24.01	264	8449	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	504	0.21	ng	0.01
5) Phenol-d6	7.07	99	276	0.08	ng	0.02
8) Nitrobenzene-d5	9.06	82	1454	0.37	ng	0.04
11) 2-Methylnaphthalene-d10	12.27	152	2891	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	343	0.33	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	4940	0.41	ng	0.00
25) Fluoranthene-d10	19.30	212	42288	0.43	ng	0.00
29) Terphenyl-d14	19.90	244	7551	0.35	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	2261	1.293	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.35	149	1447	0.029	ng	# 98

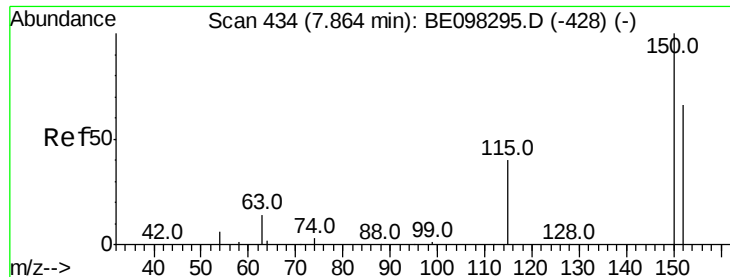
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098385.D

Acq: 13 Dec 2018 5:54

Instrument :

BNA_E

ClientSampleId :

RE-131D3-20181205

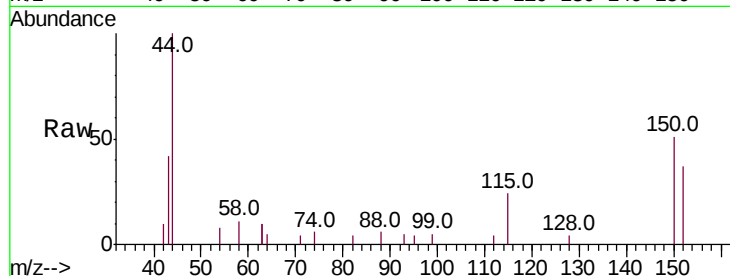
Tot Ion:152 Resp: 1011

Ion Ratio Lower Upper

152 100

150 139.1 124.2 186.4

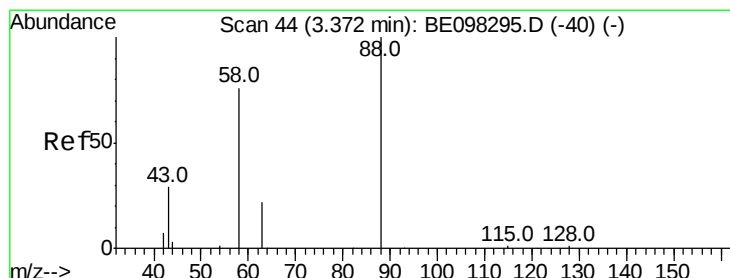
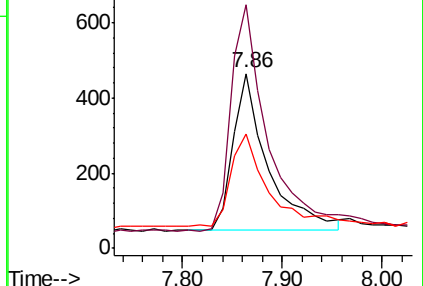
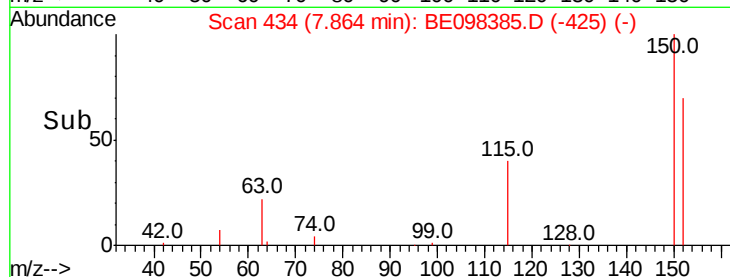
115 65.2 53.9 80.9



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: 1.293 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.01 min

Lab File: BE098385.D

Acq: 13 Dec 2018 5:54

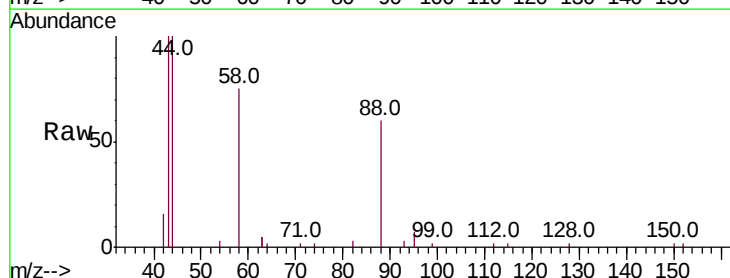
Tgt Ion: 88 Resp: 2261

Ion Ratio Lower Upper

88 100

58 95.6 75.0 112.6

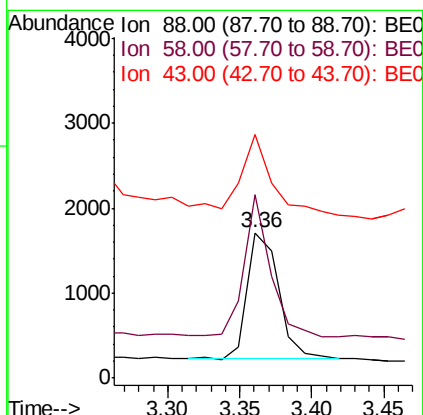
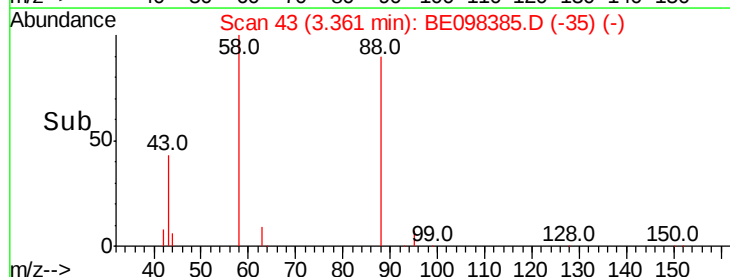
43 63.4 38.3 57.5#

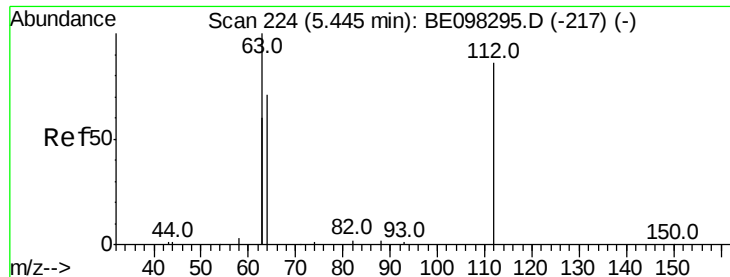


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.213 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098385.D

Acq: 13 Dec 2018 5:54

Instrument :

BNA_E

ClientSampleId :

RE-131D3-20181205

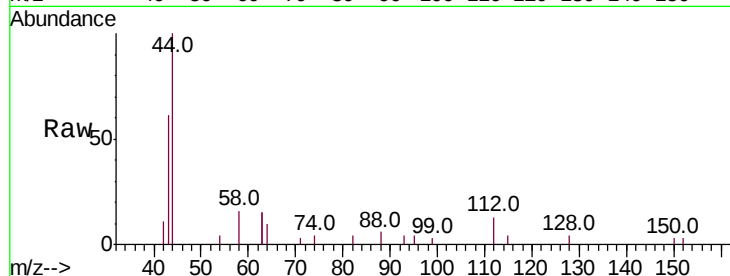
Tot Ion:112 Resp: 504

Ion Ratio Lower Upper

112 100

64 81.3 59.8 89.8

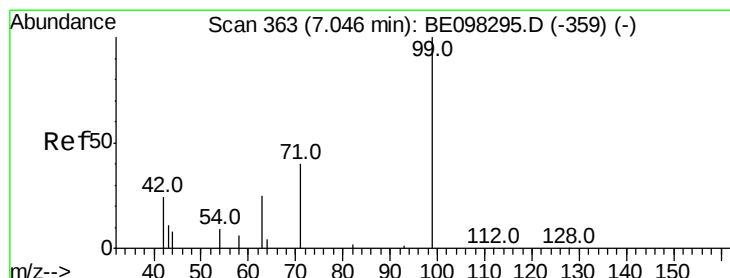
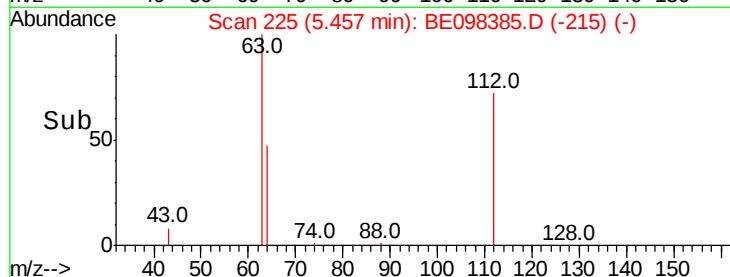
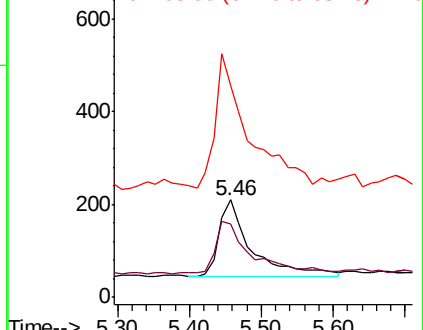
63 188.9 133.7 200.5



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: 0.082 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.02 min

Lab File: BE098385.D

Acq: 13 Dec 2018 5:54

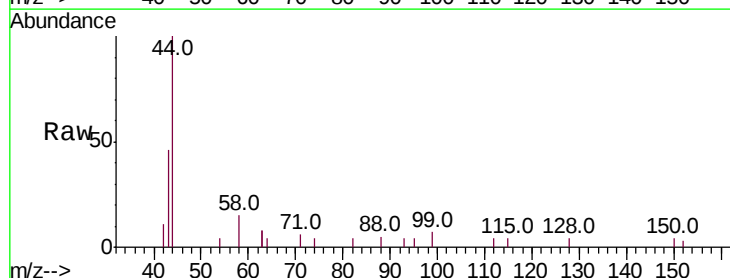
Tgt Ion: 99 Resp: 276

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

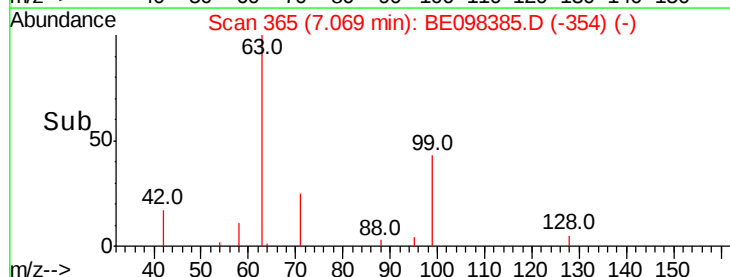
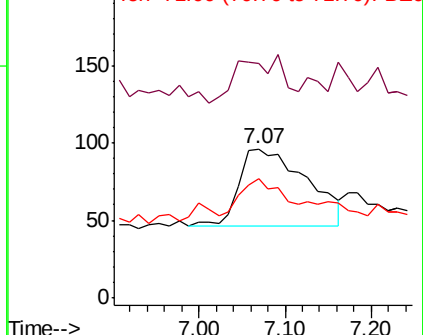
71 27.5 33.6 50.4#

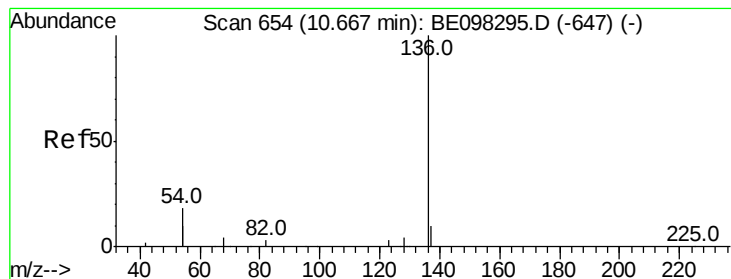


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098385.D

Acq: 13 Dec 2018 5:54

Instrument :

BNA_E

ClientSampleId :

RE-131D3-20181205

Tot Ion:136 Resp: 4324

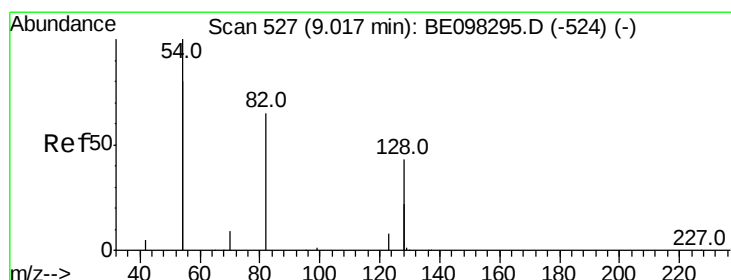
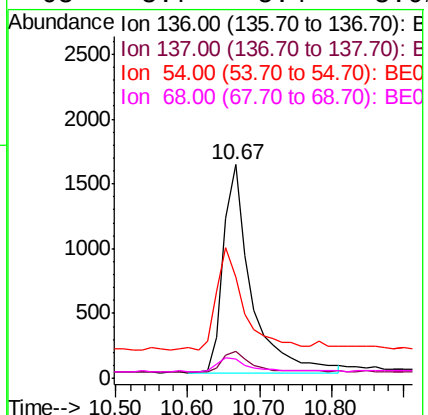
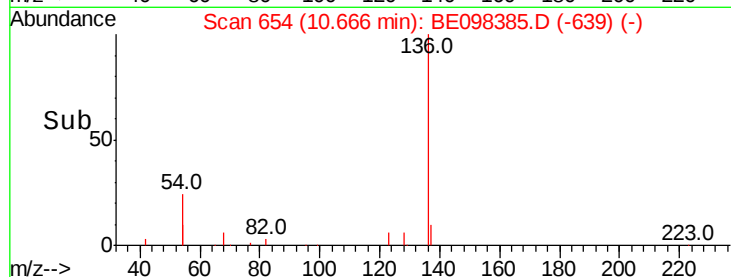
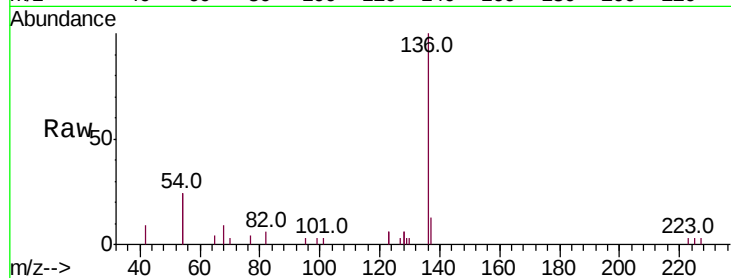
Ion Ratio Lower Upper

136 100

137 12.7 9.2 13.8

54 47.3 28.4 42.6#

68 8.7 5.4 8.0#



#8

Nitrobenzene-d5

Concen: 0.369 ng

RT: 9.06 min Scan# 530

Delta R.T. 0.04 min

Lab File: BE098385.D

Acq: 13 Dec 2018 5:54

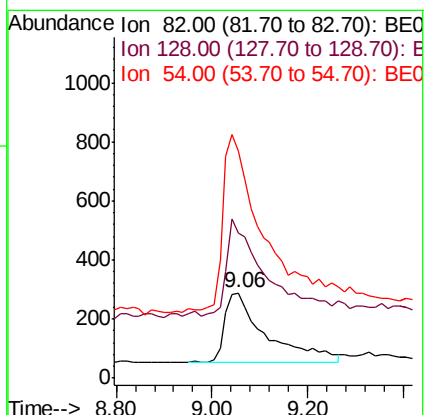
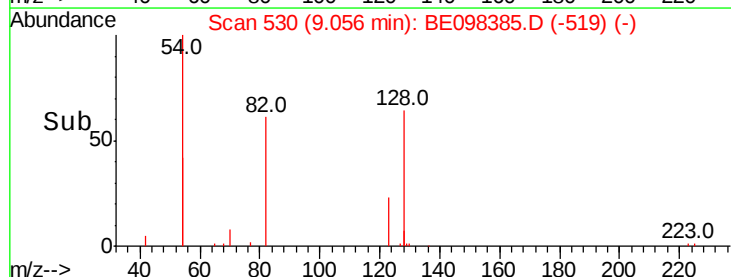
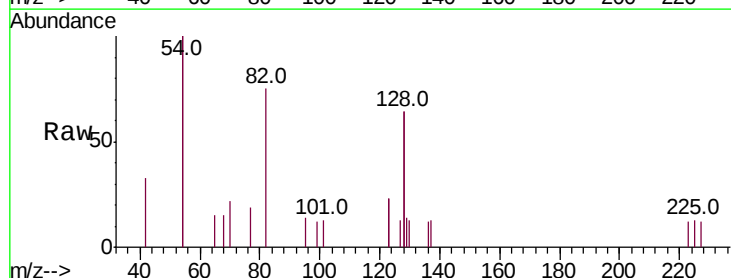
Tgt Ion: 82 Resp: 1454

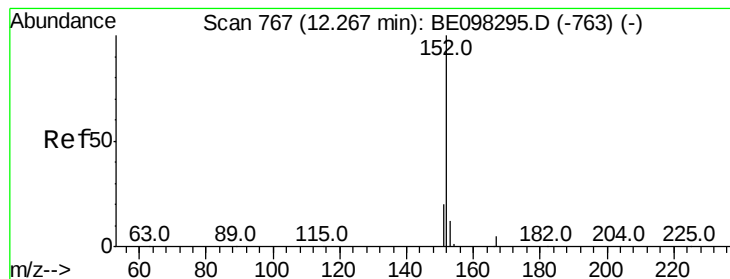
Ion Ratio Lower Upper

82 100

128 169.6 102.4 153.6#

54 265.7 221.8 332.8





#11

2-Methylnaphthalene-d10

Concen: 0.411 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098385.D

Acq: 13 Dec 2018 5:54

Instrument :

BNA_E

ClientSampleId :

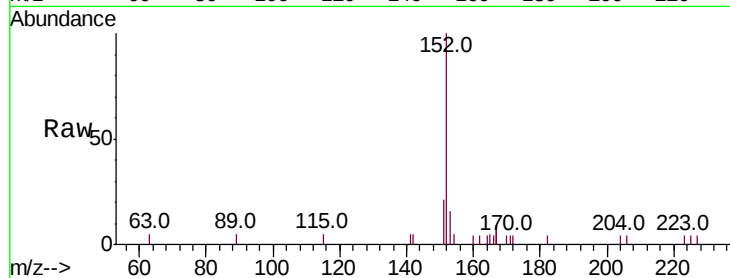
RE-131D3-20181205

Tot Ion:152 Resp: 2891

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

12.27

1000

800

600

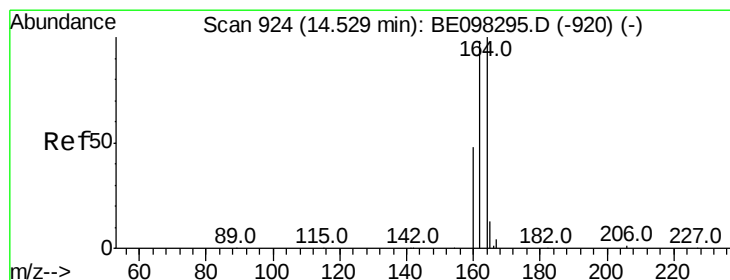
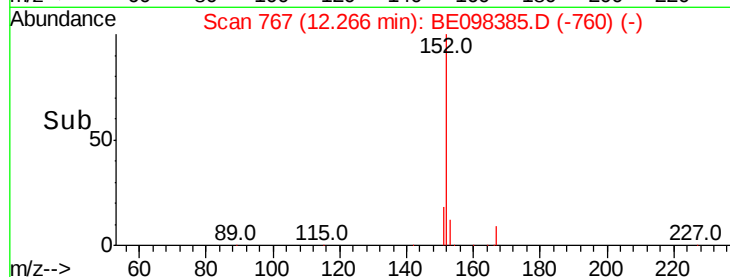
400

200

0

12.20 12.40

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098385.D

Acq: 13 Dec 2018 5:54

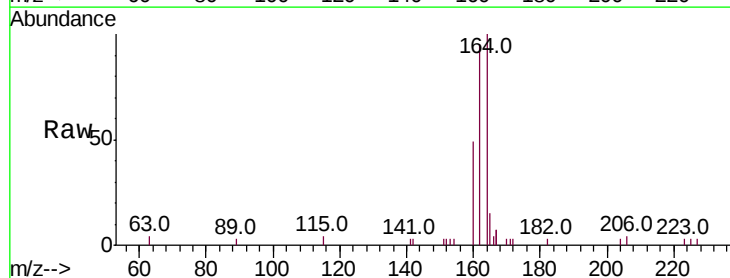
Tgt Ion:164 Resp: 2872

Ion Ratio Lower Upper

164 100

162 95.1 77.6 116.4

160 49.1 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

14.53

2000

1500

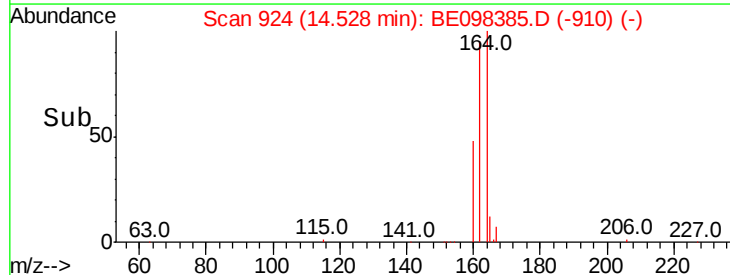
1000

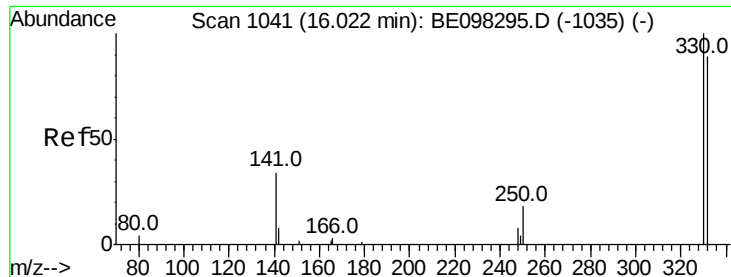
500

0

14.40 14.60

Time-->

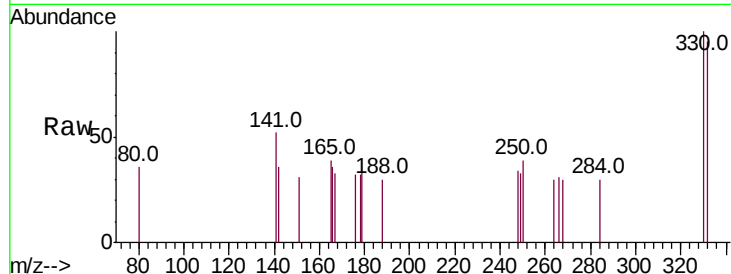




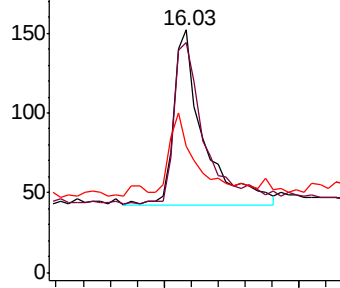
#14
 2,4,6-Tribromophenol
 Concen: 0.325 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BE098385.D
 Acq: 13 Dec 2018 5:54

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D3-20181205

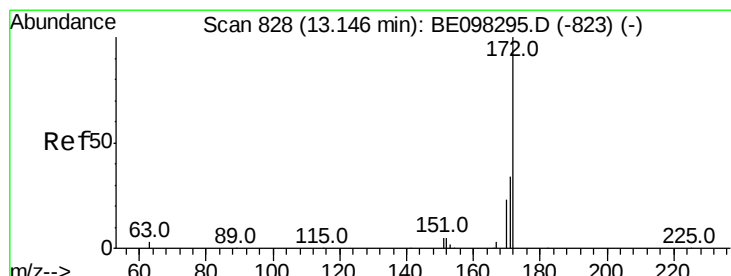
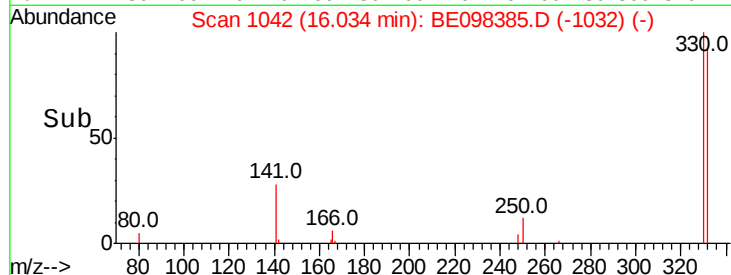
Tot Ion:330 Resp: 343
 Ion Ratio Lower Upper
 330 100
 332 104.7 76.2 114.4
 141 40.2 39.0 58.4



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

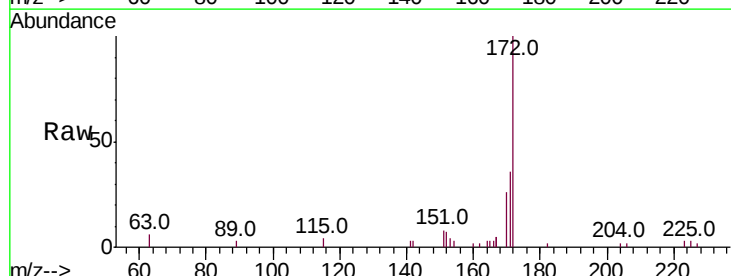


Time-->

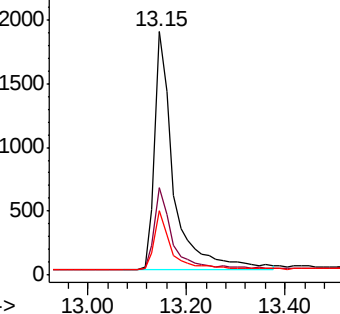


#15
 2-Fluorobiphenyl
 Concen: 0.408 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098385.D
 Acq: 13 Dec 2018 5:54

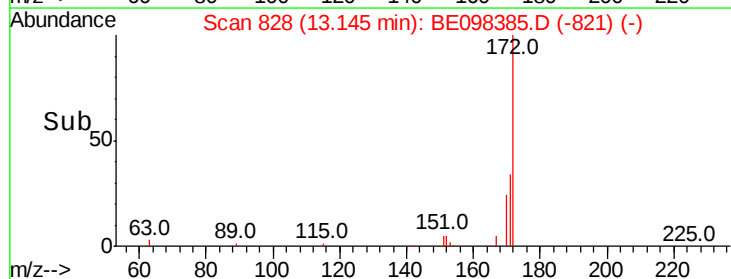
Tgt Ion:172 Resp: 4940
 Ion Ratio Lower Upper
 172 100
 171 36.0 27.5 41.3
 170 26.2 19.6 29.4

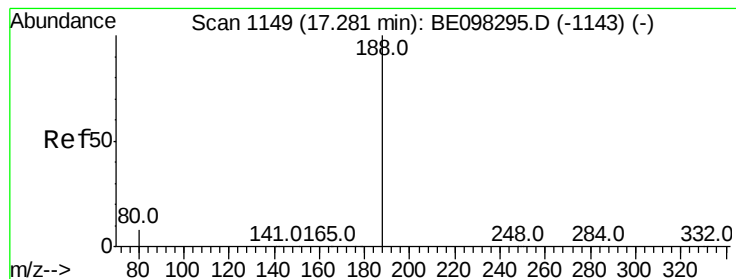


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098385.D

Acq: 13 Dec 2018 5:54

Instrument :

BNA_E

ClientSampleId :

RE-131D3-20181205

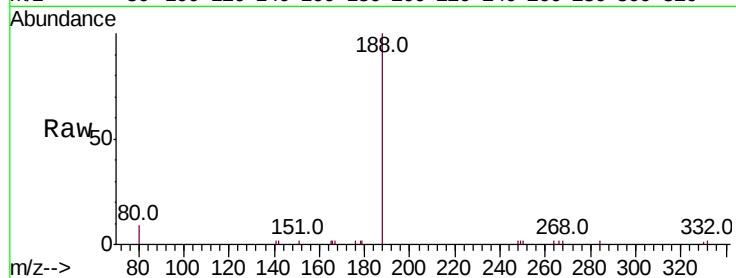
Tot Ion:188 Resp: 7595

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

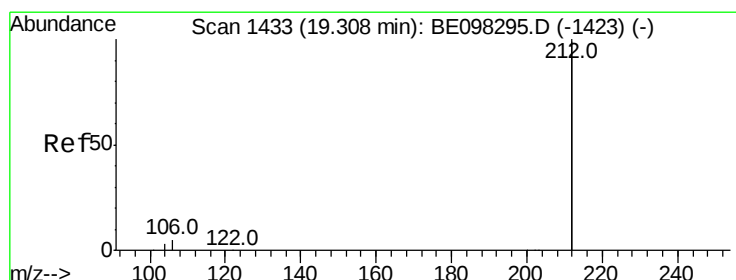
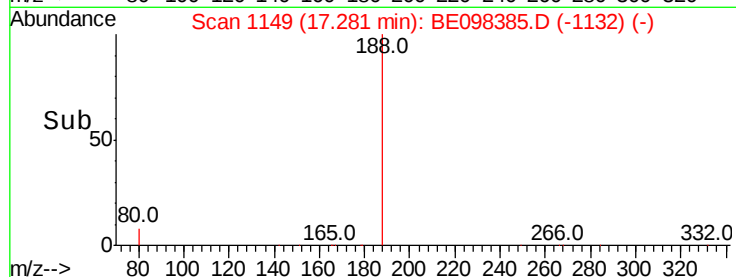
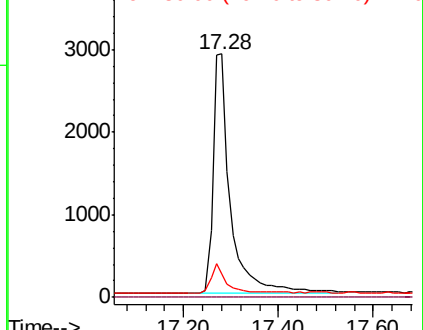
80 9.5 7.2 10.8



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: 0.434 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098385.D

Acq: 13 Dec 2018 5:54

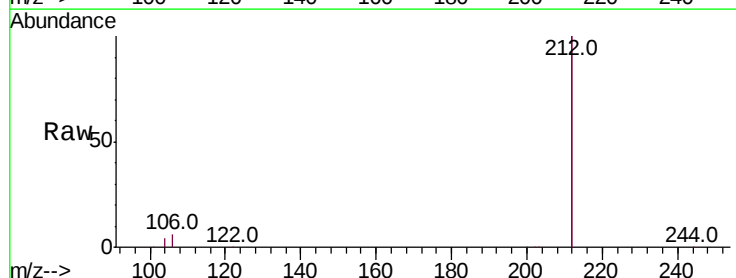
Tgt Ion:212 Resp: 42288

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

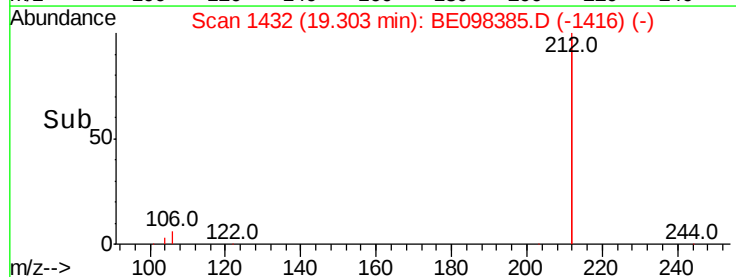
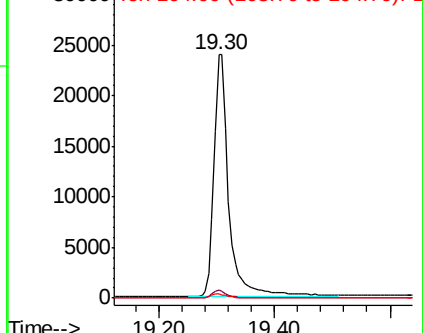
104 1.5 1.3 1.9

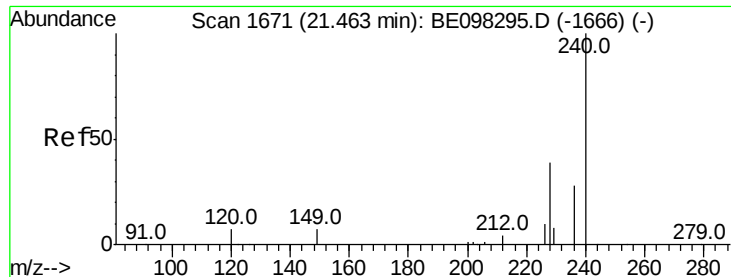


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE098385.D

Acq: 13 Dec 2018 5:54

Instrument :

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ClientSampleId :

RE-131D3-20181205

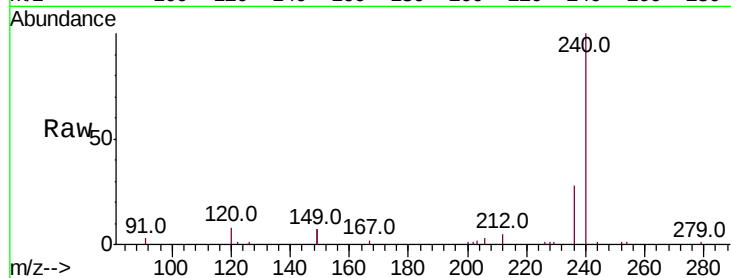
Tot Ion:240 Resp: 8763

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

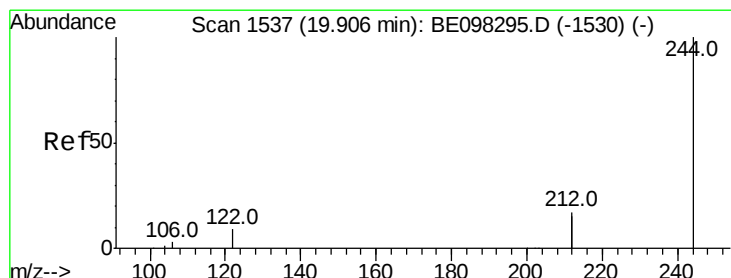
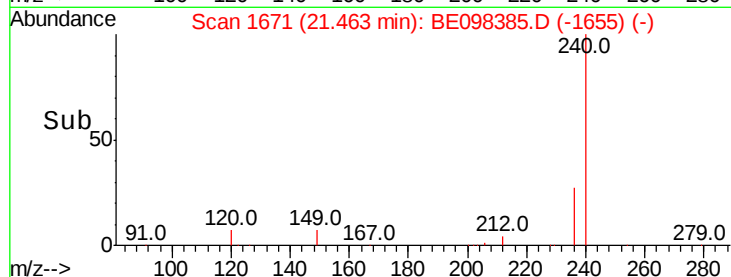
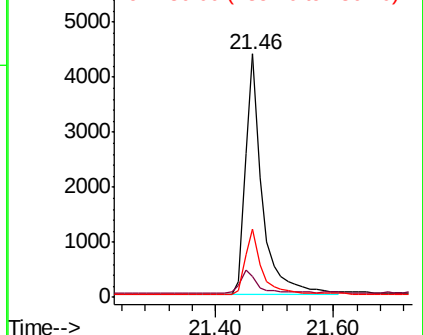
236 28.0 22.7 34.1



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: 0.355 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098385.D

Acq: 13 Dec 2018 5:54

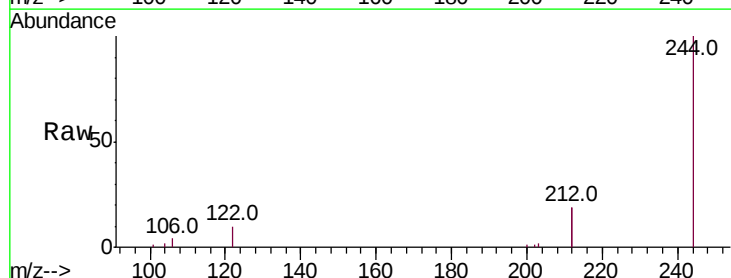
Tgt Ion:244 Resp: 7551

Ion Ratio Lower Upper

244 100

212 37.9 27.4 41.0

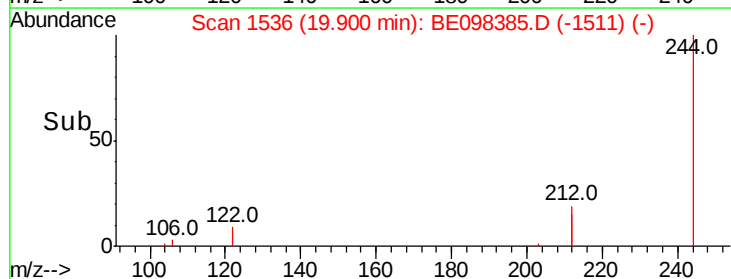
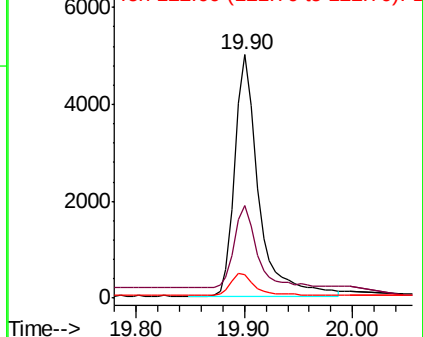
122 9.6 8.3 12.5

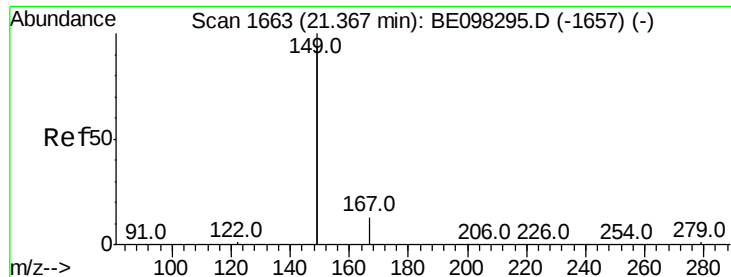


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

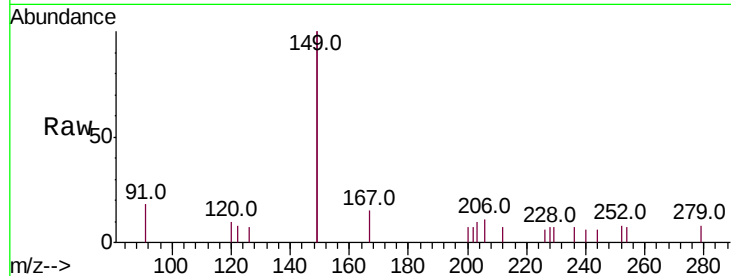




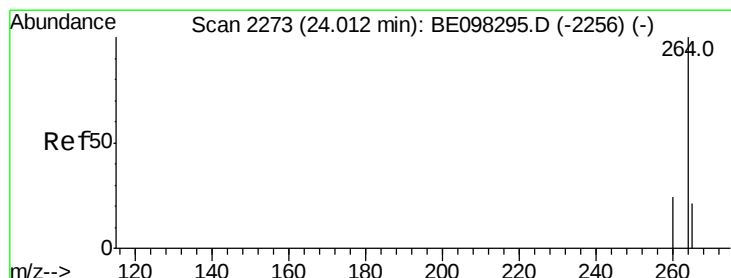
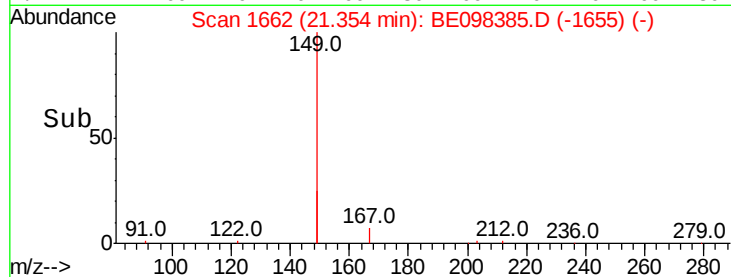
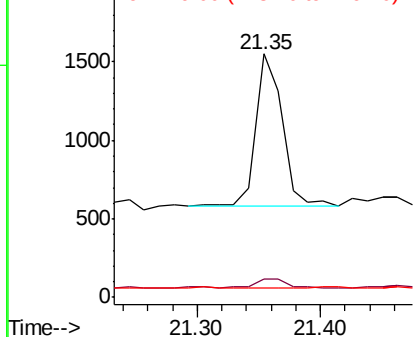
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.029 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098385.D
 Acq: 13 Dec 2018 5:54

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D3-20181205

Tot Ion:149 Resp: 1447
 Ion Ratio Lower Upper
 149 100
 167 6.4 5.7 8.5
 279 0.0 1.0 1.4#

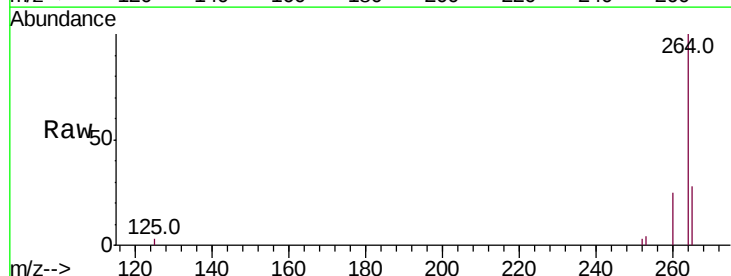


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BE098385.D
 Acq: 13 Dec 2018 5:54

Tgt Ion:264 Resp: 8449
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.2 30.2
 265 28.0 25.2 37.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

