

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031119\
 Data File : BE098886.D
 Acq On : 12 Mar 2019 7:09
 Operator : JU/SJ
 Sample : K1841-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE103D3-20190308

Quant Time: Mar 12 07:56:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

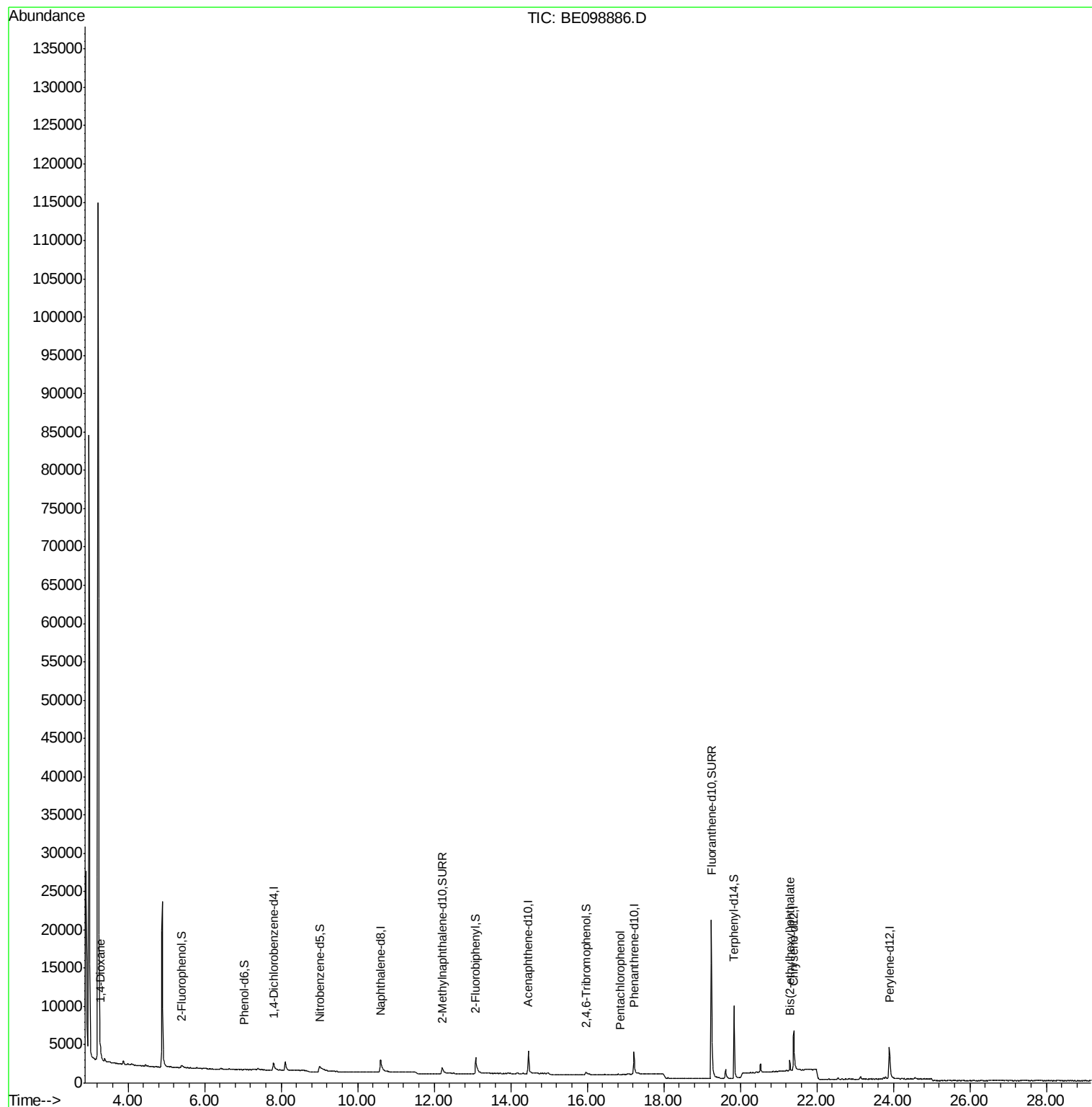
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	809	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3487	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2584	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6017	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7872	0.40	ng	0.00
34) Perylene-d12	23.90	264	7633	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	372	0.15	ng	0.01
5) Phenol-d6	7.04	99	164	0.05	ng	0.06
8) Nitrobenzene-d5	9.00	82	1077	0.29	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2307	0.36	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	371	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4037	0.38	ng	0.00
25) Fluoranthene-d10	19.24	212	35863	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	9635	0.50	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	451	0.258	ng	Qvalue # 22
22) Pentachlorophenol	16.85	266	6	0.269	ng	88
32) Bis(2-ethylhexyl)phthalate	21.29	149	1760	0.034	ng	# 97

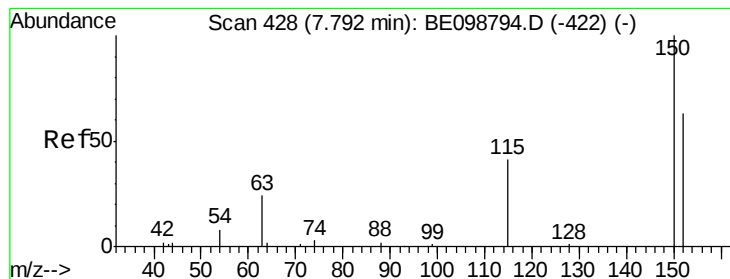
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE098886.D

Acq: 12 Mar 2019 7:09

Instrument :

BNA_E

ClientSampleId :

RE103D3-20190308

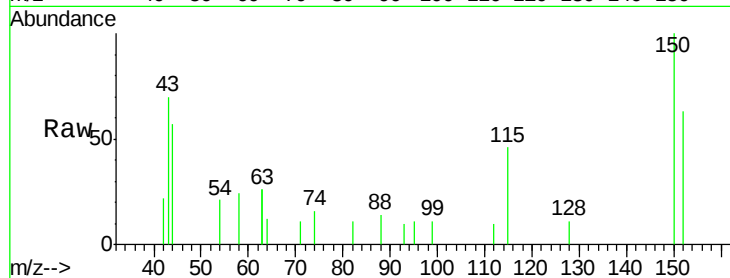
Tgt Ion: 152 Resp: 809

Ion Ratio Lower Upper

152 100

150 159.4 122.5 183.7

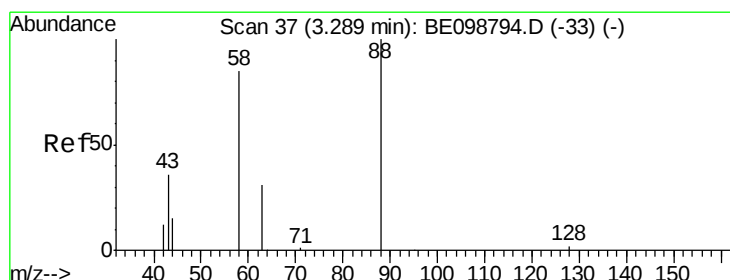
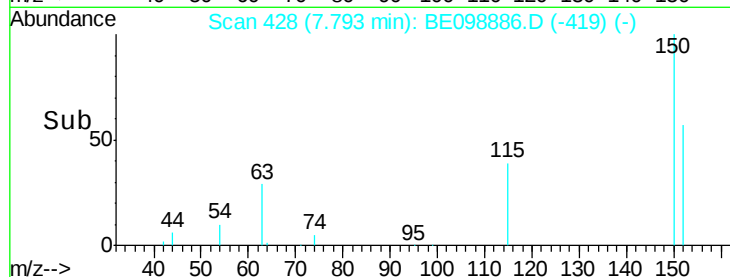
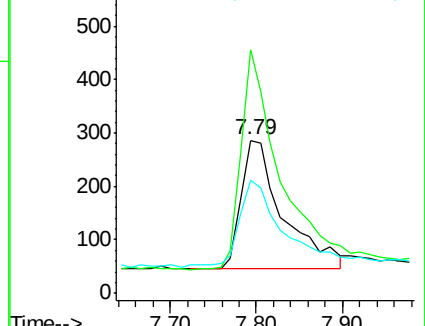
115 73.8 57.4 86.2



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: 0.258 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE098886.D

Acq: 12 Mar 2019 7:09

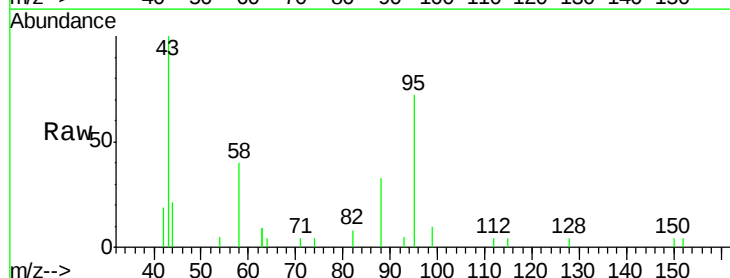
Tgt Ion: 88 Resp: 451

Ion Ratio Lower Upper

88 100

58 111.3 75.8 113.6

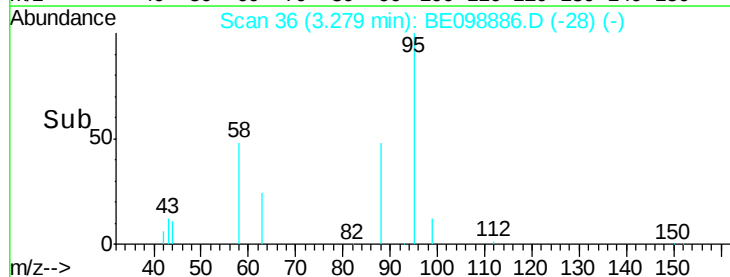
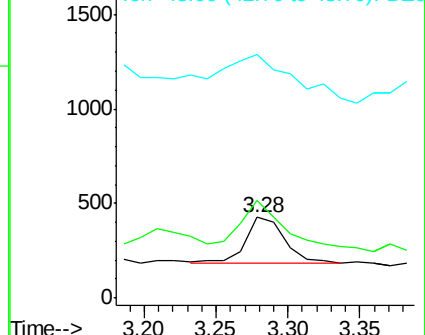
43 184.3 41.8 62.8#

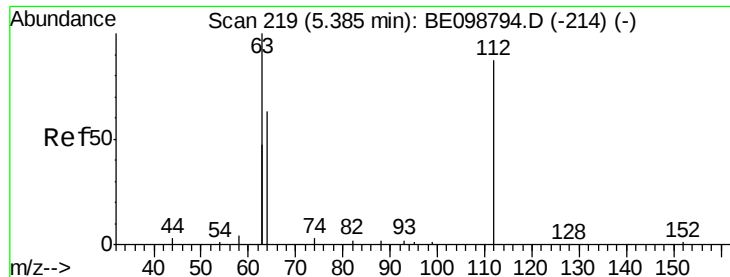


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.154 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098886.D

Acq: 12 Mar 2019 7:09

Instrument :

BNA_E

ClientSampleId :

RE103D3-20190308

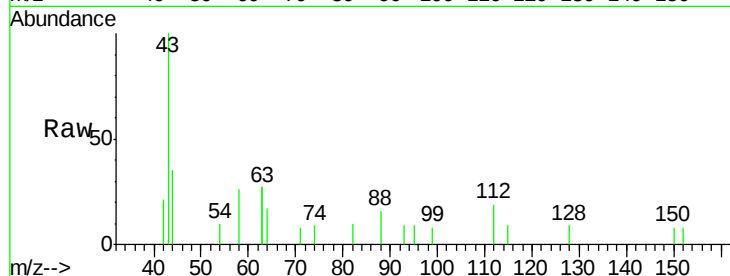
Tgt Ion: 112 Resp: 372

Ion Ratio Lower Upper

112 100

64 79.8 57.9 86.9

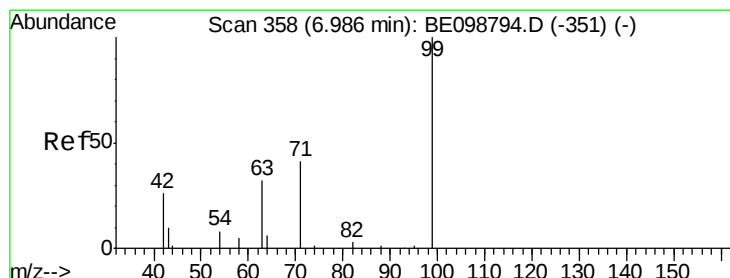
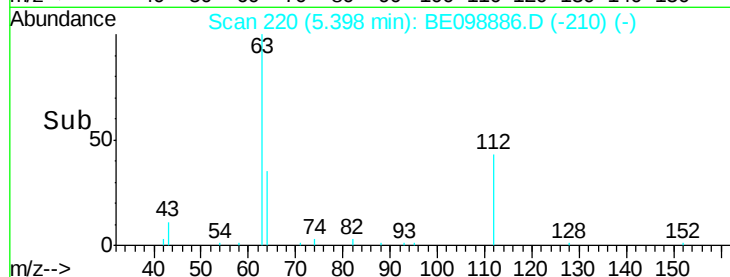
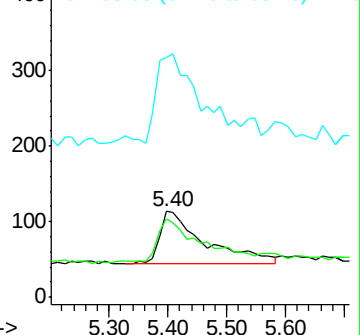
63 155.6 158.3 237.5#



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: 0.048 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.06 min

Lab File: BE098886.D

Acq: 12 Mar 2019 7:09

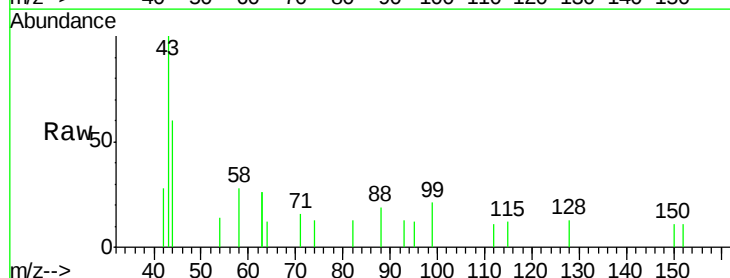
Tgt Ion: 99 Resp: 164

Ion Ratio Lower Upper

99 100

42 45.1 24.2 36.2#

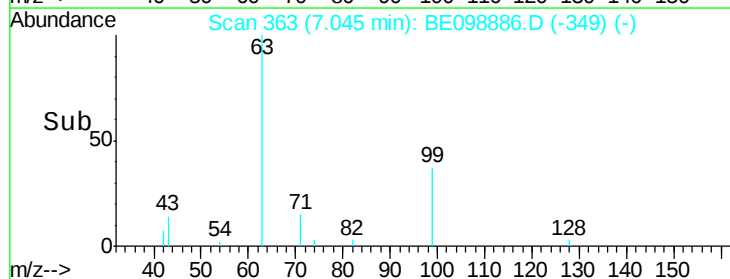
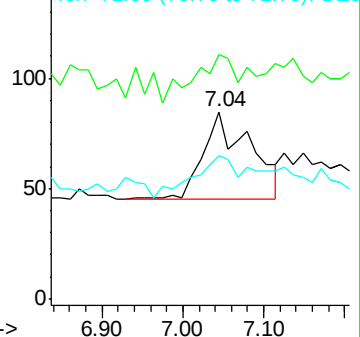
71 40.2 35.7 53.5

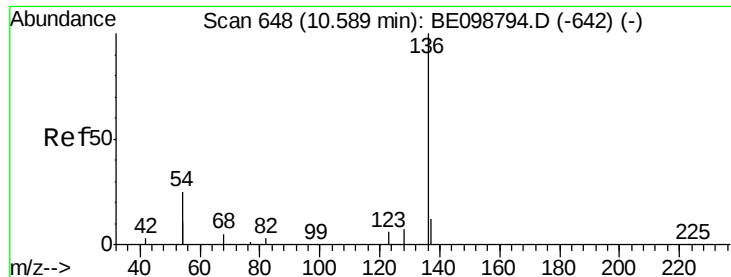


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098886.D

Acq: 12 Mar 2019 7:09

Instrument :

BNA_E

ClientSampleId :

RE103D3-20190308

Tgt Ion:136 Resp: 3487

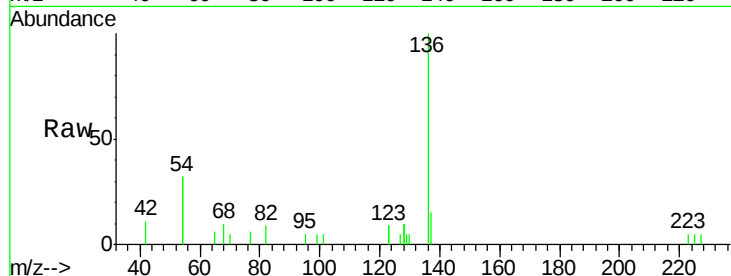
Ion Ratio Lower Upper

136 100

137 15.4 11.4 17.0

54 64.8 39.3 58.9#

68 10.2 6.7 10.1#

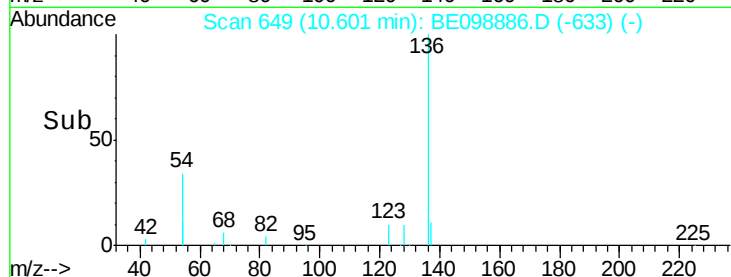


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

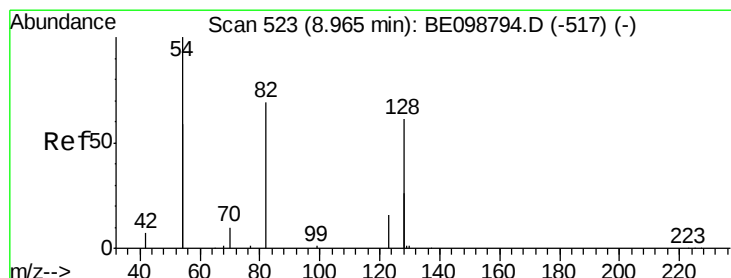
Ion 68.00 (67.70 to 68.70): BE0



Abundance

10.60

Time-->



#8

Nitrobenzene-d5

Concen: 0.295 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098886.D

Acq: 12 Mar 2019 7:09

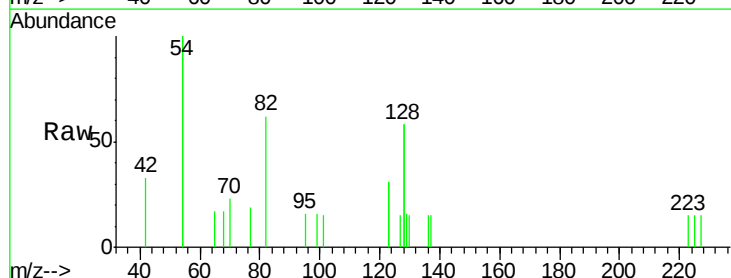
Tgt Ion: 82 Resp: 1077

Ion Ratio Lower Upper

82 100

128 184.3 123.8 185.8

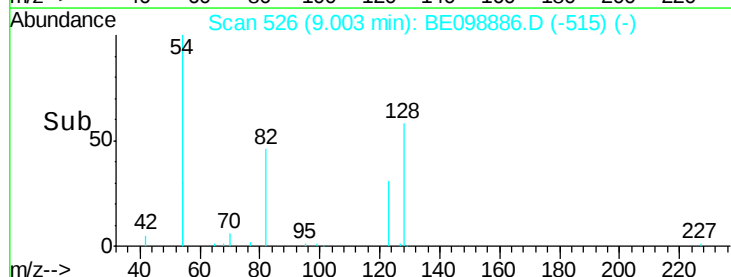
54 320.4 203.4 305.2#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

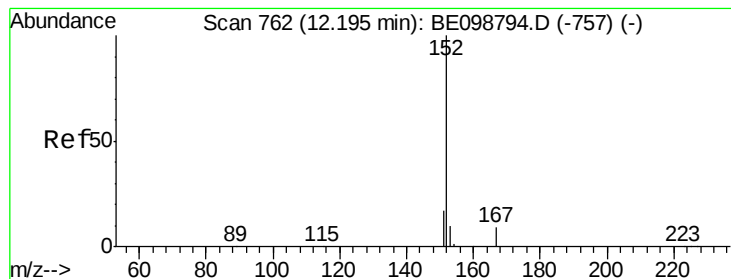
Ion 54.00 (53.70 to 54.70): BE0



Abundance

9.00

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.358 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE098886.D

Acq: 12 Mar 2019 7:09

Instrument :

BNA_E

ClientSampleId :

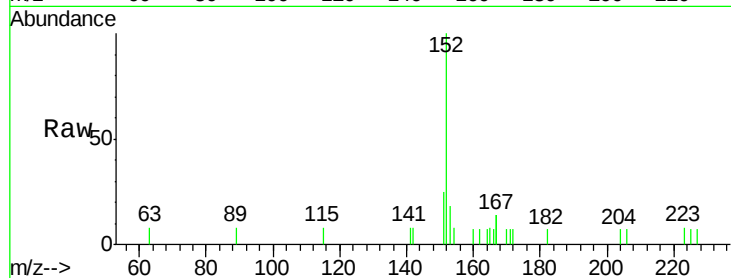
RE103D3-20190308

Tgt Ion:152 Resp: 2307

Ion Ratio Lower Upper

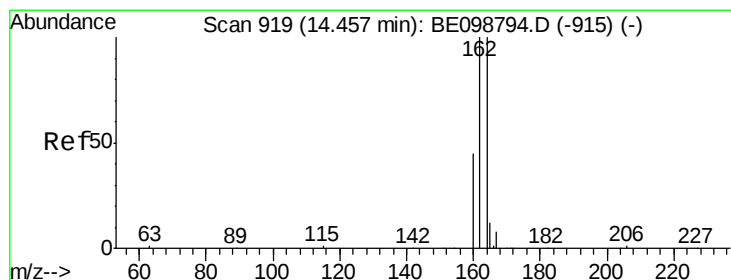
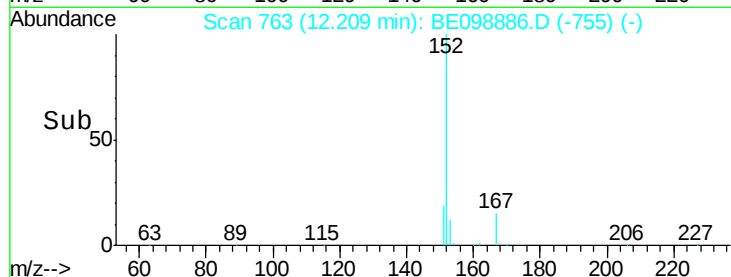
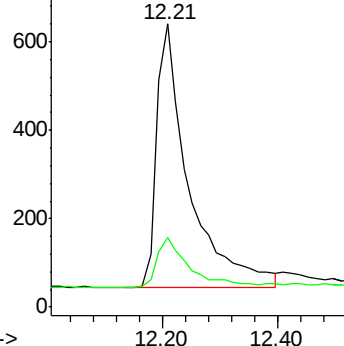
152 100

151 19.0 16.5 24.7



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: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE098886.D

Acq: 12 Mar 2019 7:09

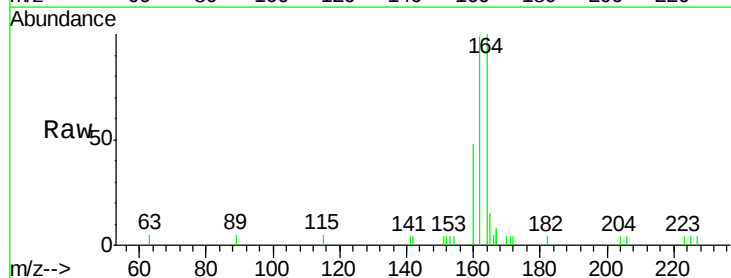
Tgt Ion:164 Resp: 2584

Ion Ratio Lower Upper

164 100

162 99.4 80.2 120.2

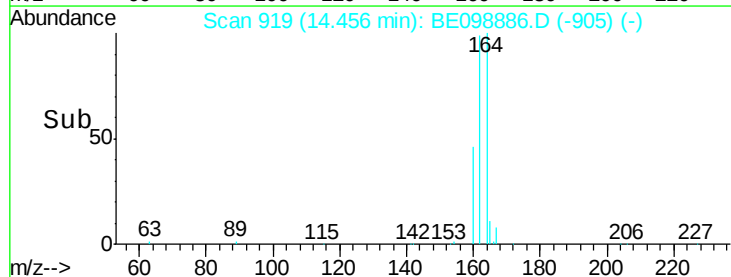
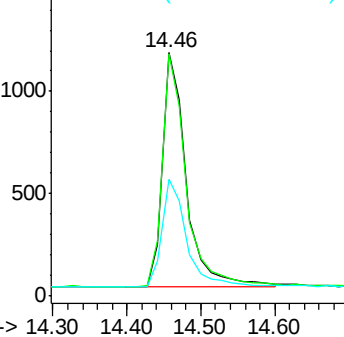
160 48.2 37.8 56.8

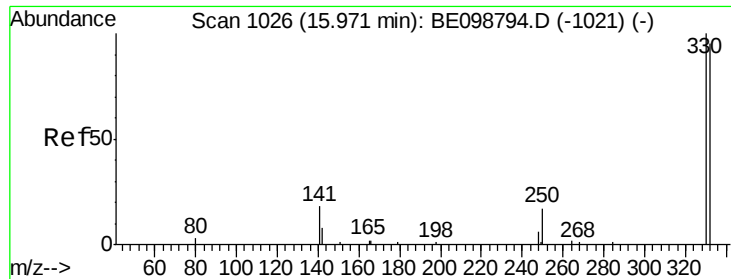


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

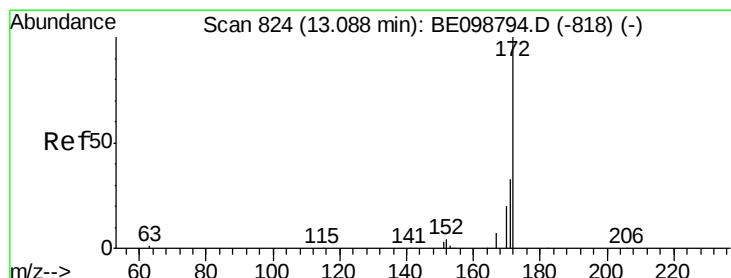
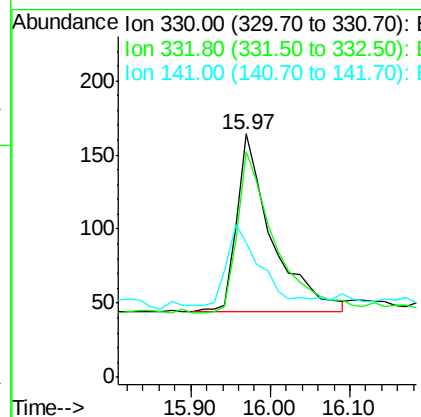
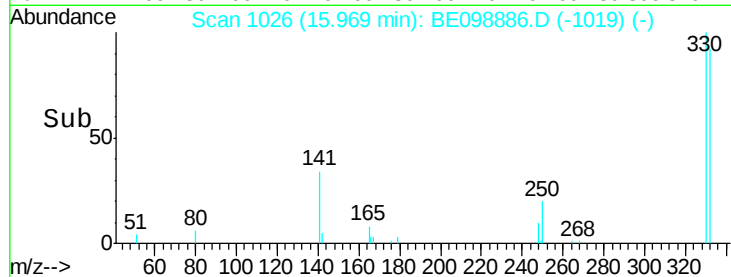
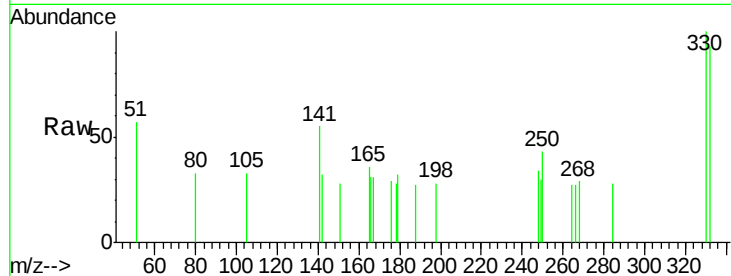




#14
 2,4,6-Tribromophenol
 Concen: 0.284 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098886.D
 Acq: 12 Mar 2019 7:09

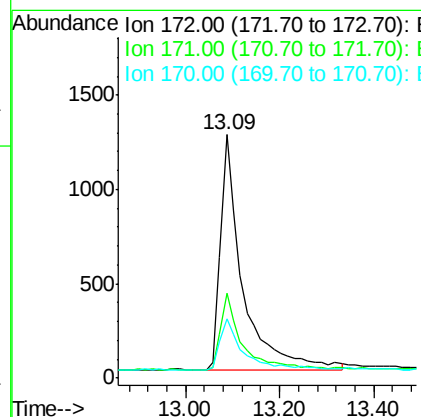
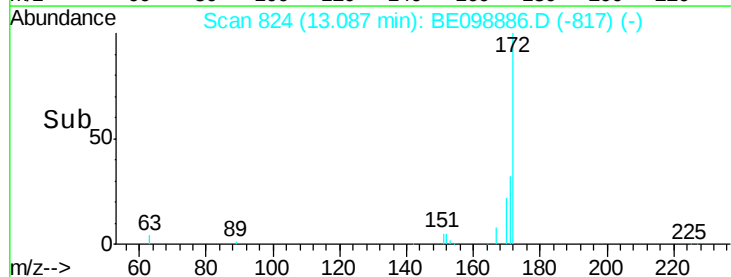
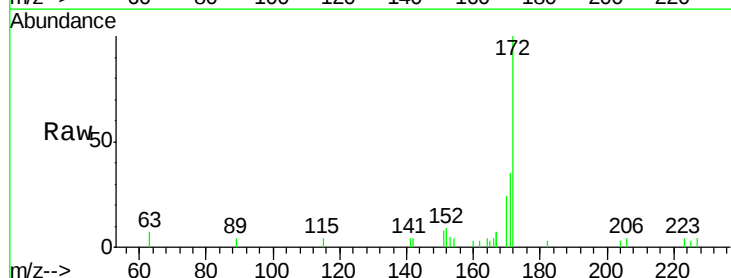
Instrument :
 BNA_E
 ClientSampleId :
 RE103D3-20190308

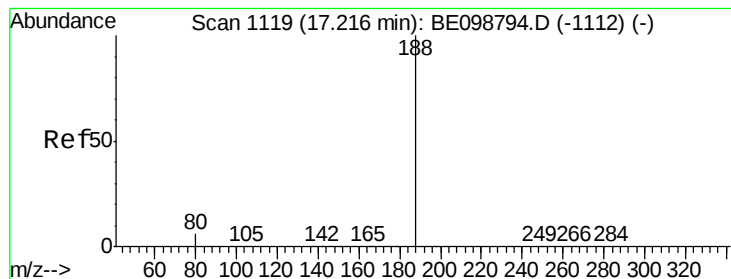
Tgt Ion: 330 Resp: 371
 Ion Ratio Lower Upper
 330 100
 332 100.3 77.6 116.4
 141 41.5 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.377 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE098886.D
 Acq: 12 Mar 2019 7:09

Tgt Ion: 172 Resp: 4037
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.0 42.0
 170 24.5 17.7 26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098886.D

Acq: 12 Mar 2019 7:09

Instrument :

BNA_E

ClientSampleId :

RE103D3-20190308

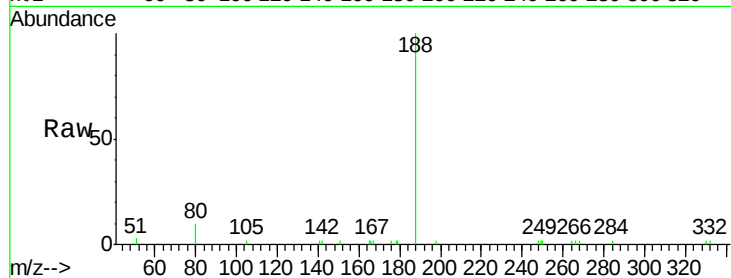
Tgt Ion:188 Resp: 6017

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

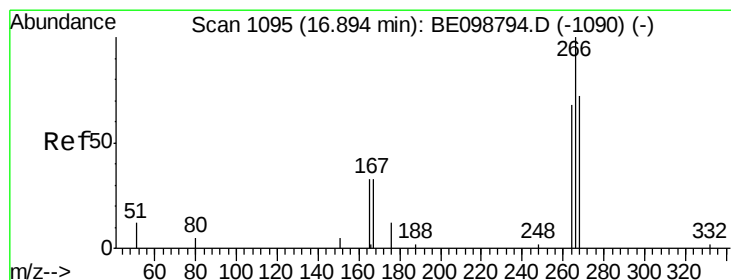
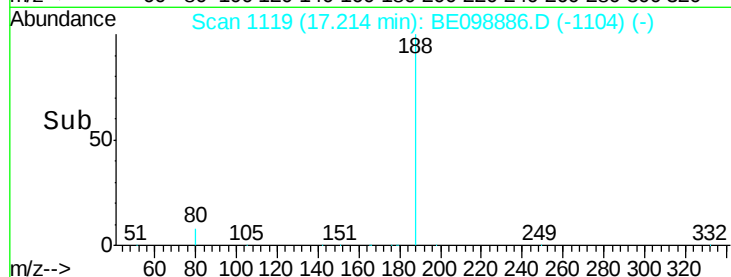
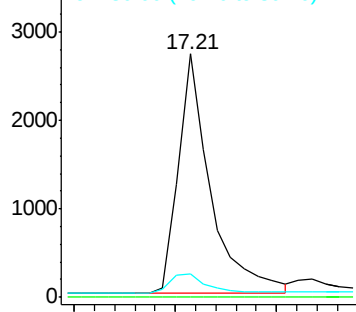
80 9.5 6.3 9.5#



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: 0.269 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.04 min

Lab File: BE098886.D

Acq: 12 Mar 2019 7:09

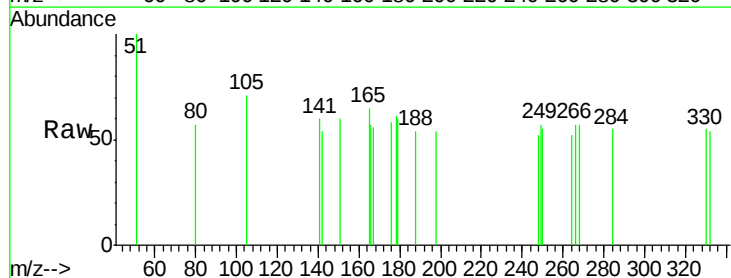
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 91.7 66.6 100.0

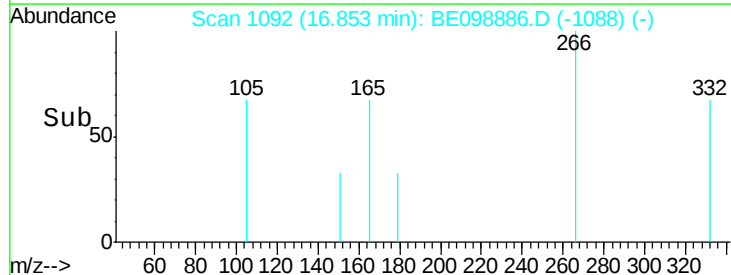
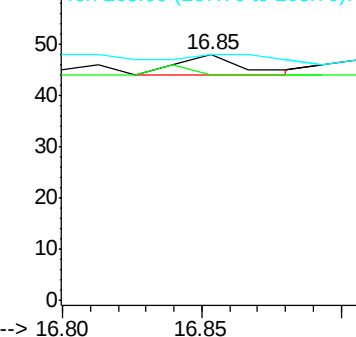
268 100.0 69.8 104.8

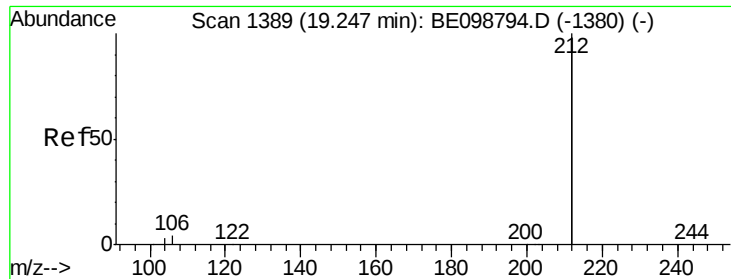


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.373 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098886.D

Acq: 12 Mar 2019 7:09

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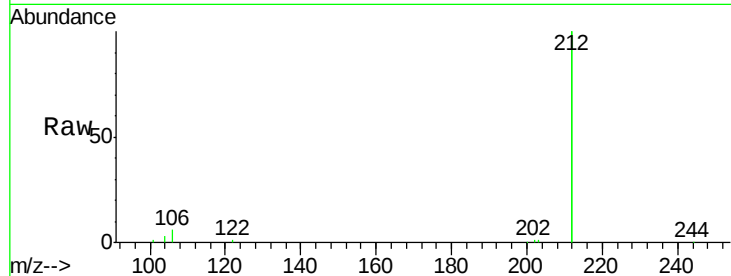
Tgt Ion:212 Resp: 35863

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

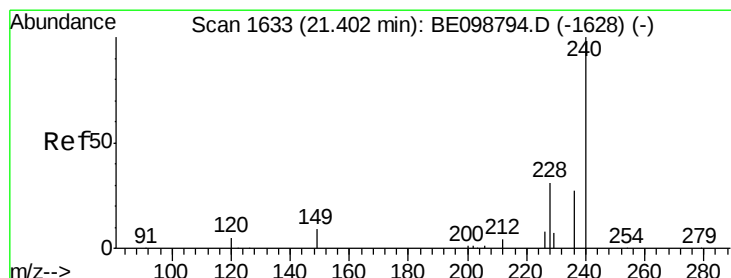
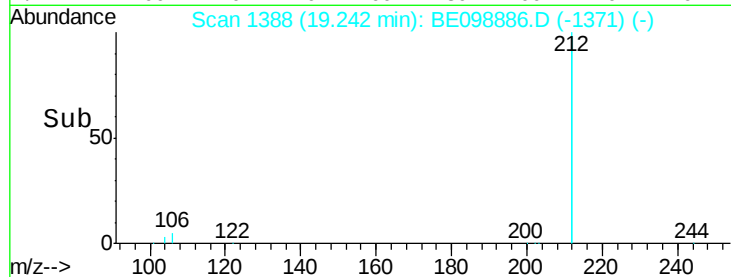
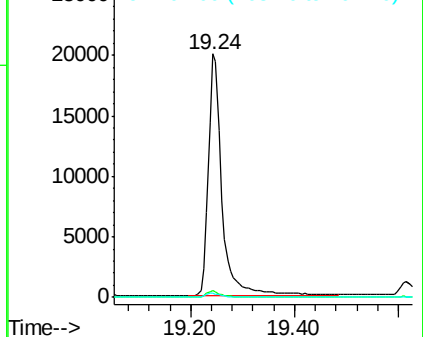
104 1.4 1.0 1.6



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: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE098886.D

Acq: 12 Mar 2019 7:09

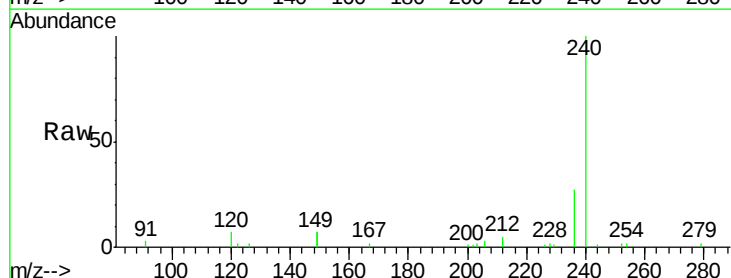
Tgt Ion:240 Resp: 7872

Ion Ratio Lower Upper

240 100

120 6.6 5.0 7.4

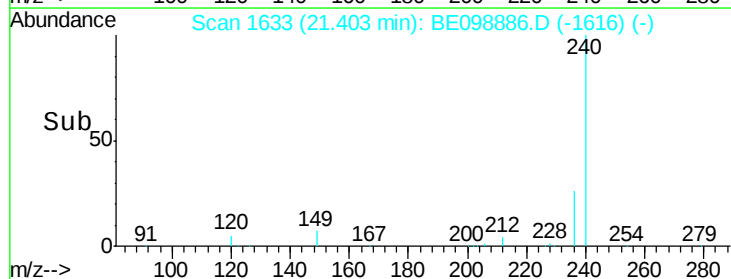
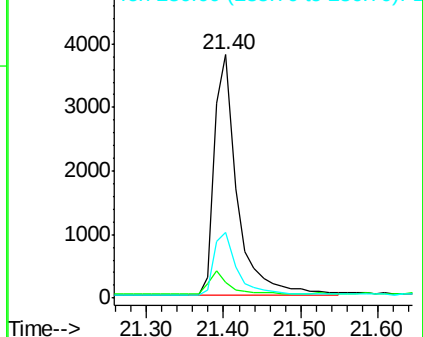
236 26.8 22.7 34.1

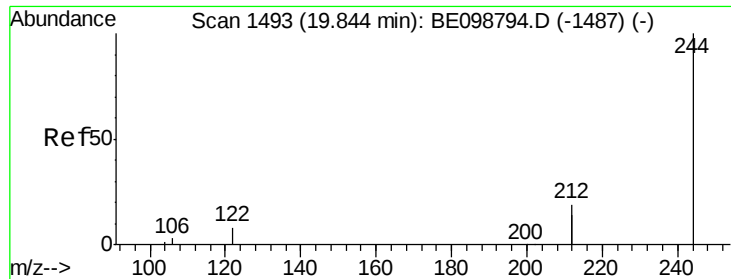


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.504 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098886.D

Acq: 12 Mar 2019 7:09

Instrument :

BNA_E

ClientSampleId :

RE103D3-20190308

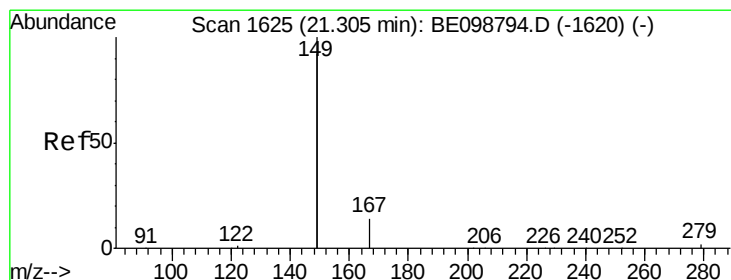
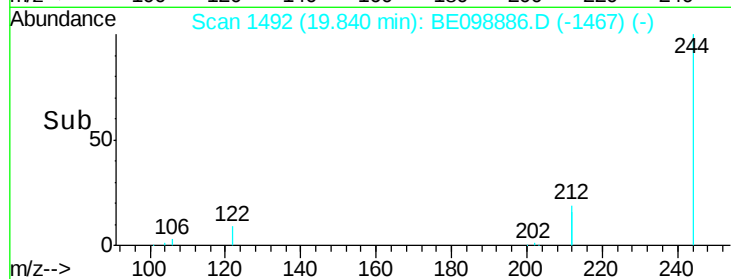
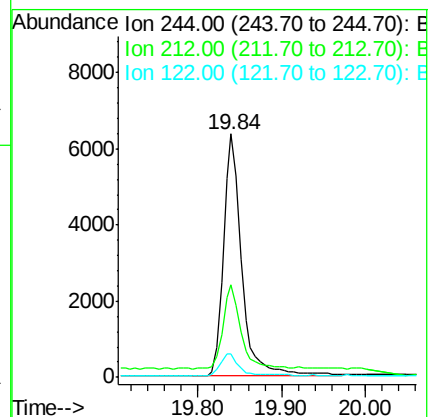
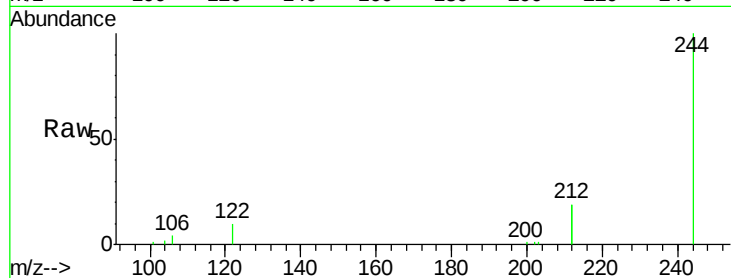
Tgt Ion:244 Resp: 9635

Ion Ratio Lower Upper

244 100

212 37.9 29.4 44.2

122 9.6 7.1 10.7



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.034 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098886.D

Acq: 12 Mar 2019 7:09

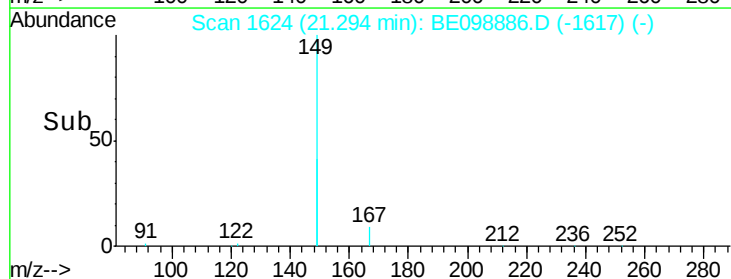
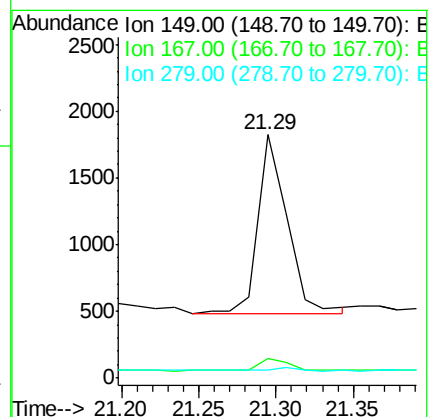
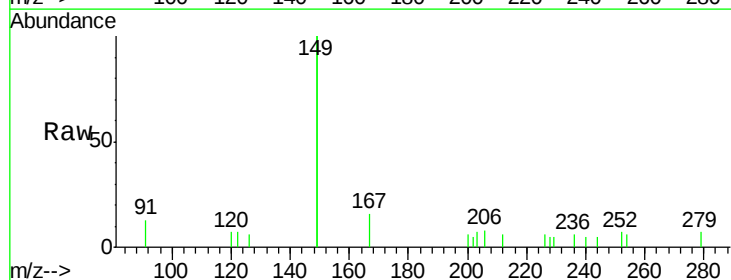
Tgt Ion:149 Resp: 1760

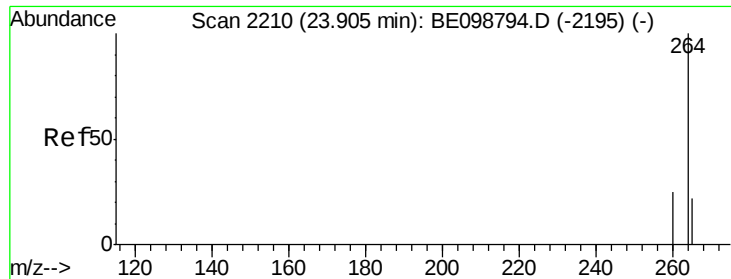
Ion Ratio Lower Upper

149 100

167 8.0 5.4 8.0

279 1.8 1.0 1.4#

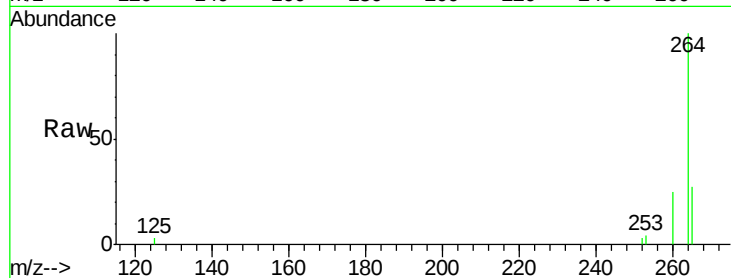




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BE098886.D
Acq: 12 Mar 2019 7:09

Instrument :
BNA_E
ClientSampleId :
RE103D3-20190308

Tgt Ion: 264 Resp: 7633
Ion Ratio Lower Upper
264 100
260 25.3 21.2 31.8
265 27.1 24.6 36.8



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

