

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031119\
 Data File : BE098885.D
 Acq On : 12 Mar 2019 6:34
 Operator : JU/SJ
 Sample : K1841-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE103D2-20190308

Quant Time: Mar 12 07:29:05 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	782	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3155	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2381	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5713	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6977	0.40	ng	0.00
34) Perylene-d12	23.90	264	6837	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	334	0.14	ng	0.02
5) Phenol-d6	7.02	99	211	0.06	ng	0.03
8) Nitrobenzene-d5	9.00	82	1027	0.31	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2162	0.37	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	352	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3732	0.38	ng	0.00
25) Fluoranthene-d10	19.25	212	34891	0.38	ng	0.00
29) Terphenyl-d14	19.84	244	8281	0.49	ng	0.00

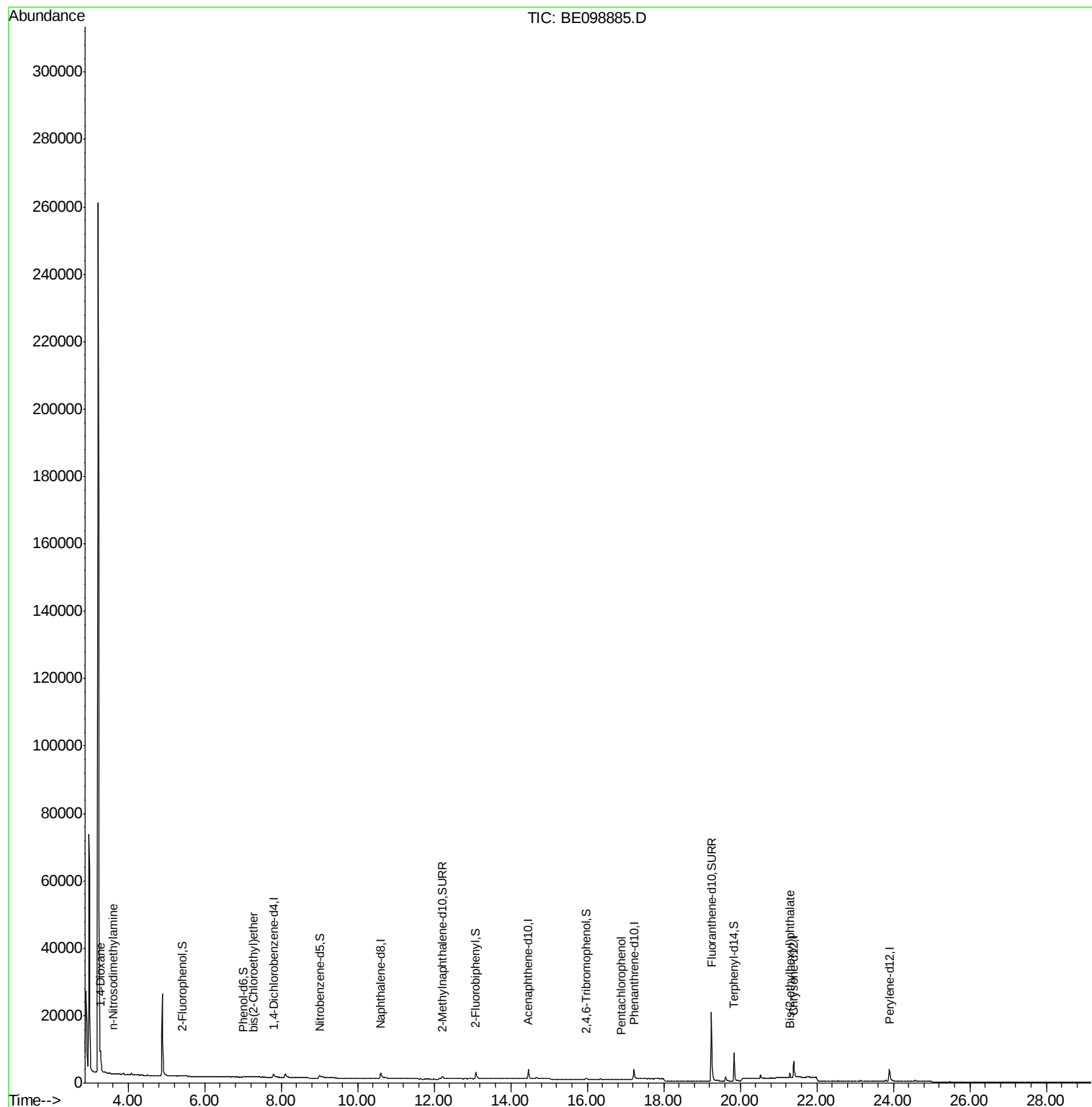
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	2313	1.817	ng	# 89
3) n-Nitrosodimethylamine	3.61	42	49	0.025	ng	# 14
6) bis(2-Chloroethyl)ether	7.27	93	81	0.032	ng	# 1
22) Pentachlorophenol	16.88	266	3	0.267	ng	90
32) Bis(2-ethylhexyl)phthalate	21.29	149	1757	0.038	ng	# 99

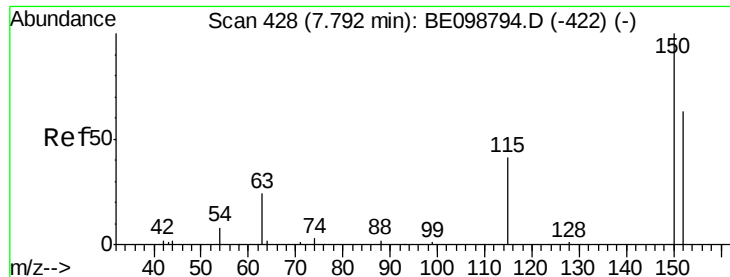
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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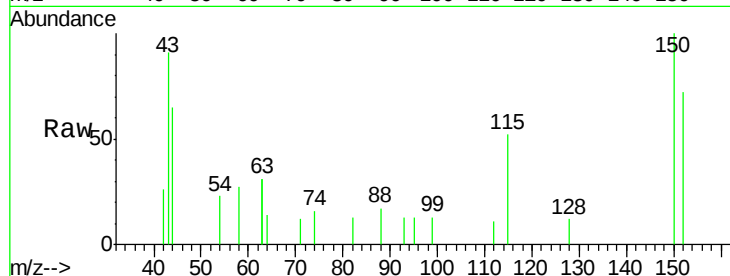


#1

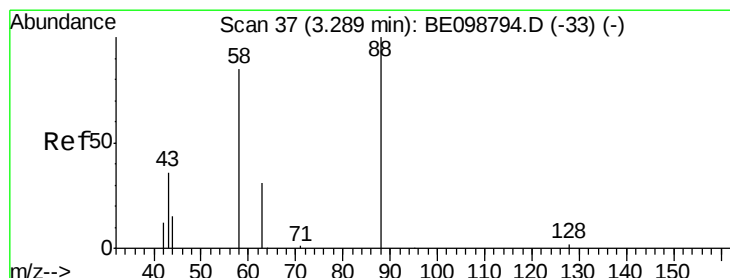
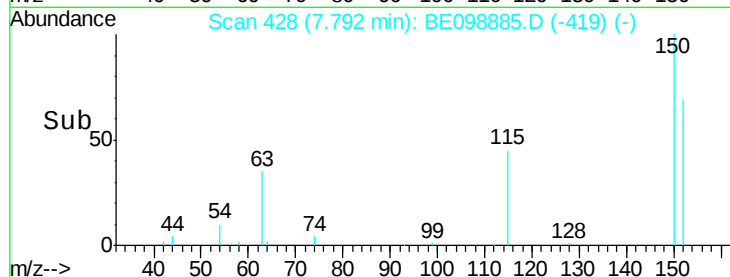
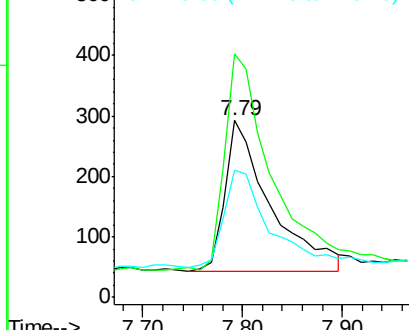
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098885.D
Acq: 12 Mar 2019 6:34

Instrument :
BNA_E
ClientSampleId :
RE103D2-20190308

Tgt Ion:152 Resp: 782
Ion Ratio Lower Upper
152 100
150 138.0 122.5 183.7
115 71.9 57.4 86.2



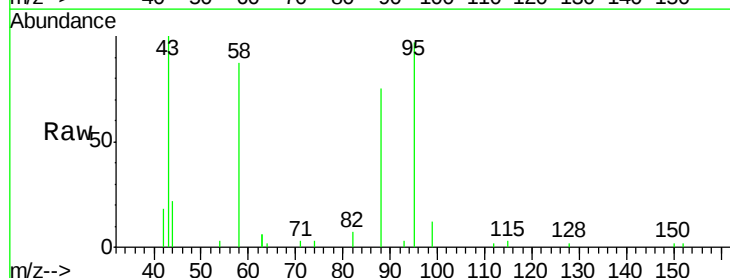
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



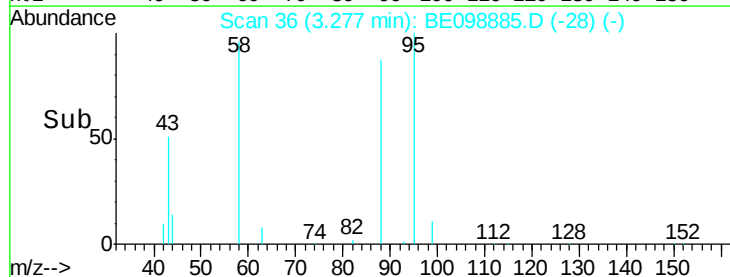
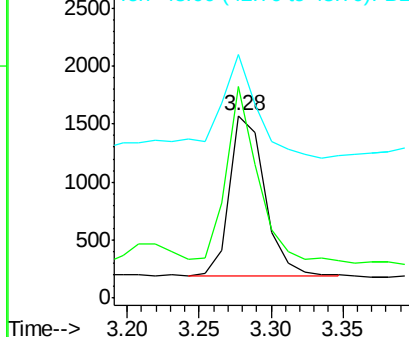
#2

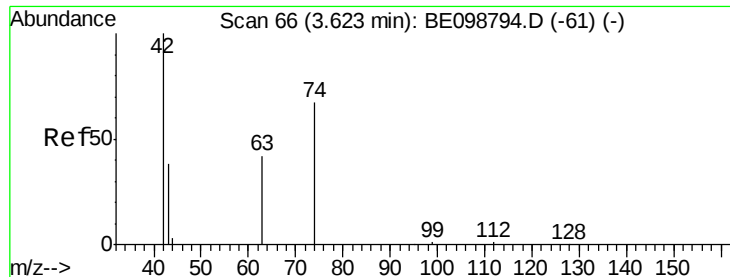
1,4-Dioxane
Concen: 1.817 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098885.D
Acq: 12 Mar 2019 6:34

Tgt Ion: 88 Resp: 2313
Ion Ratio Lower Upper
88 100
58 96.8 75.8 113.6
43 70.5 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





#3

n-Nitrosodimethylamine

Concen: 0.025 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.01 min

Lab File: BE098885.D

Acq: 12 Mar 2019 6:34

Instrument :

BNA_E

ClientSampleId :

RE103D2-20190308

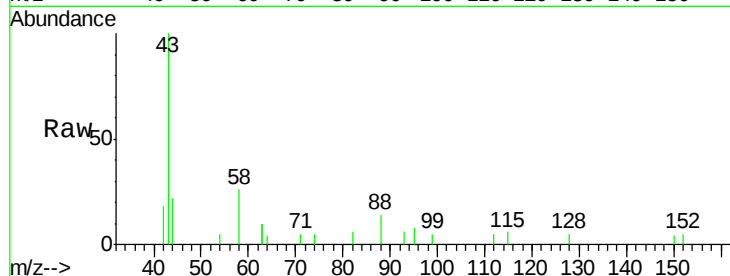
Tgt Ion: 42 Resp: 49

Ion Ratio Lower Upper

42 100

74 0.0 57.0 85.4#

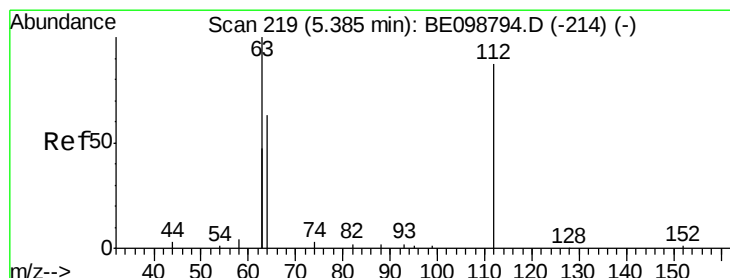
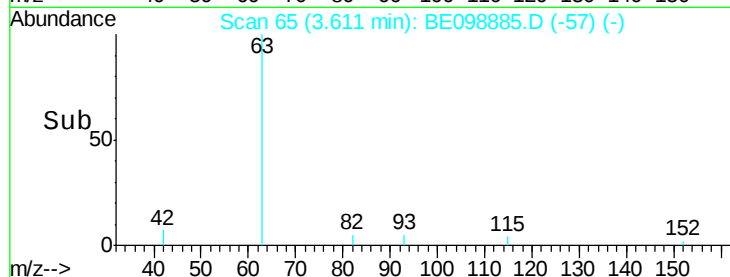
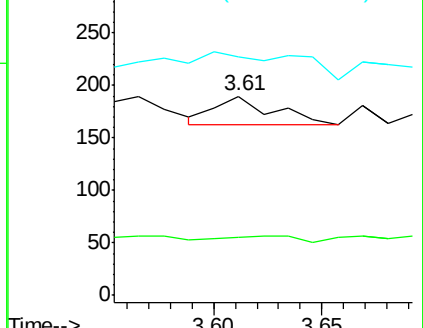
44 204.1 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.143 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098885.D

Acq: 12 Mar 2019 6:34

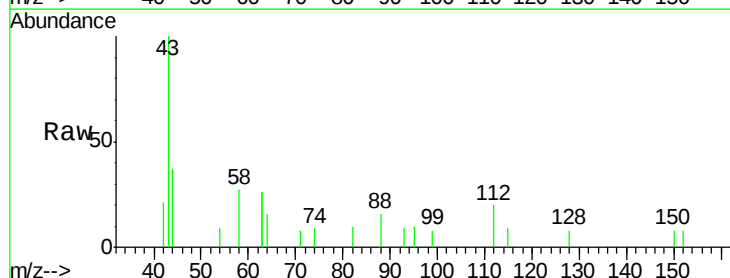
Tgt Ion: 112 Resp: 334

Ion Ratio Lower Upper

112 100

64 85.3 57.9 86.9

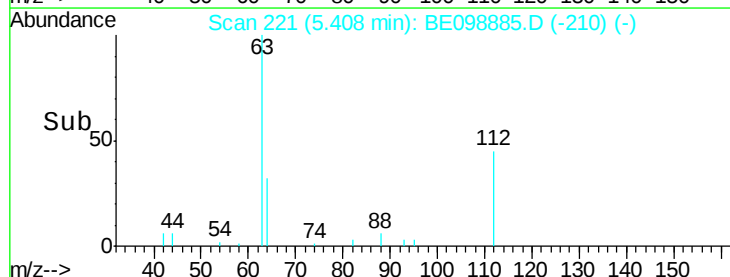
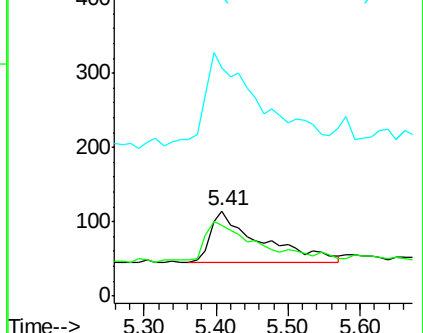
63 201.2 158.3 237.5

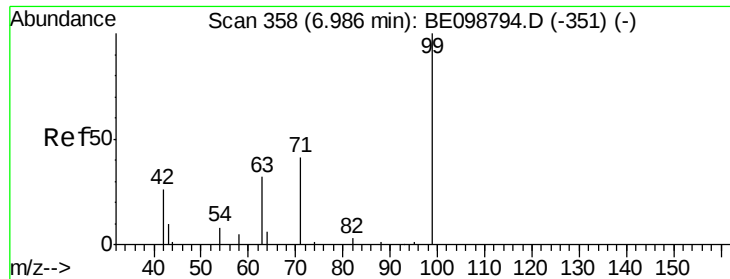


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.064 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.03 min

Lab File: BE098885.D

Acq: 12 Mar 2019 6:34

Instrument :

BNA_E

ClientSampleId :

RE103D2-20190308

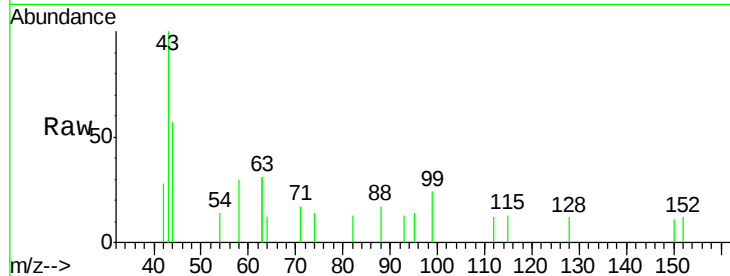
Tgt Ion: 99 Resp: 211

Ion Ratio Lower Upper

99 100

42 37.0 24.2 36.2#

71 28.9 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

7.02

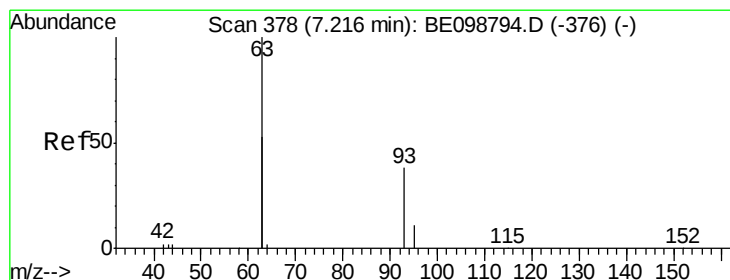
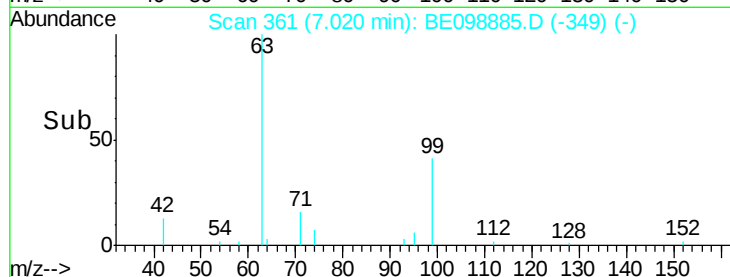
100

50

0

6.90 7.00 7.10

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.032 ng

RT: 7.27 min Scan# 383

Delta R.T. 0.06 min

Lab File: BE098885.D

Acq: 12 Mar 2019 6:34

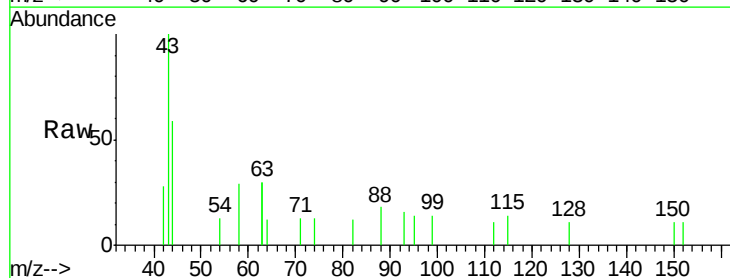
Tgt Ion: 93 Resp: 81

Ion Ratio Lower Upper

93 100

63 0.0 247.5 371.3#

95 21.0 21.8 32.8#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

7.27

300

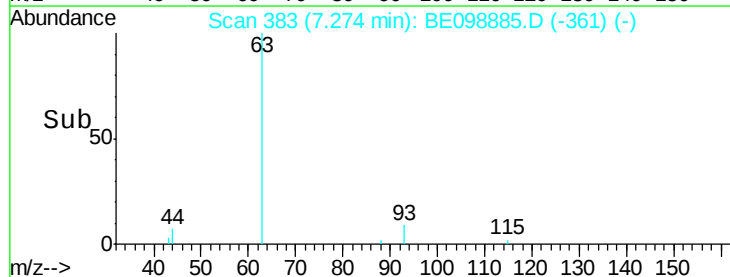
200

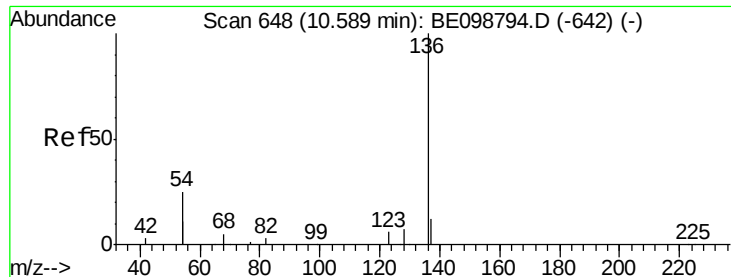
100

0

7.10 7.20 7.30

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098885.D

Acq: 12 Mar 2019 6:34

Instrument :

BNA_E

ClientSampleId :

RE103D2-20190308

Tgt Ion: 136 Resp: 3155

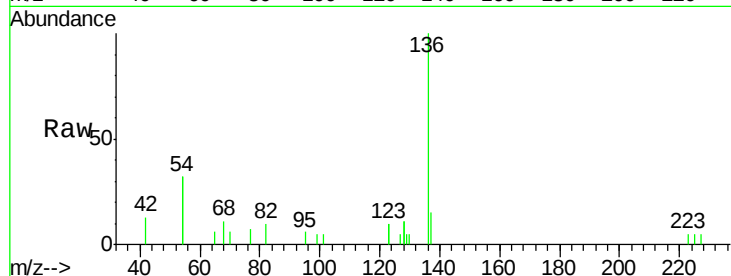
Ion Ratio Lower Upper

136 100

137 15.1 11.4 17.0

54 63.4 39.3 58.9#

68 11.1 6.7 10.1#

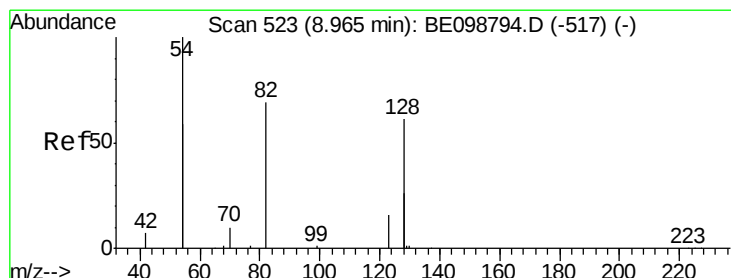
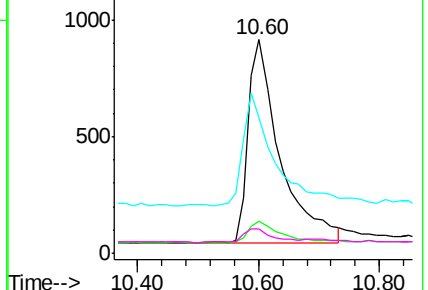
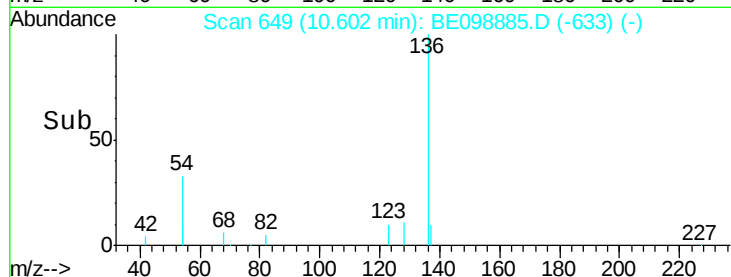


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.310 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098885.D

Acq: 12 Mar 2019 6:34

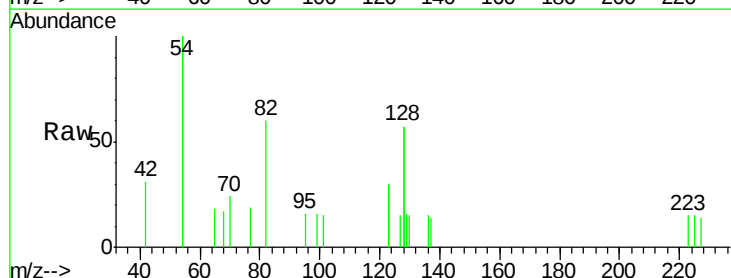
Tgt Ion: 82 Resp: 1027

Ion Ratio Lower Upper

82 100

128 188.2 123.8 185.8#

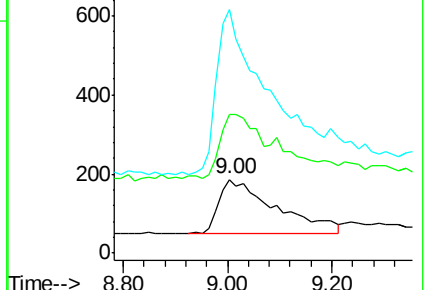
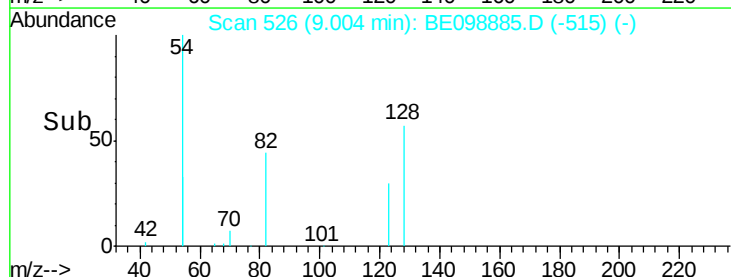
54 331.2 203.4 305.2#

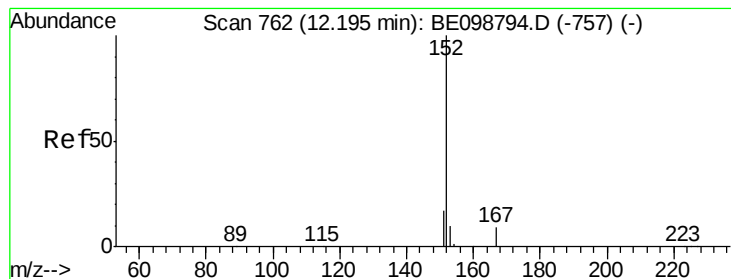


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.371 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE098885.D

Acq: 12 Mar 2019 6:34

Instrument :

BNA_E

ClientSampleId :

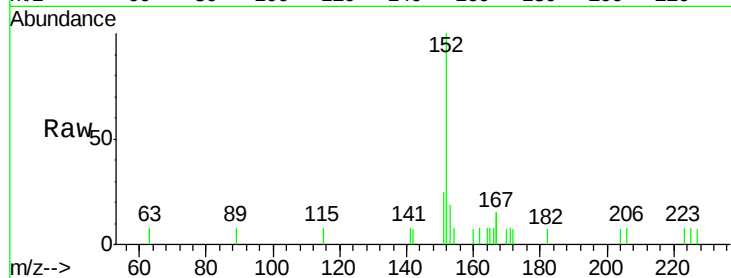
RE103D2-20190308

Tgt Ion:152 Resp: 2162

Ion Ratio Lower Upper

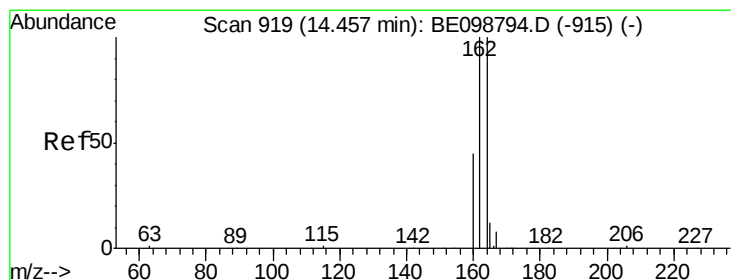
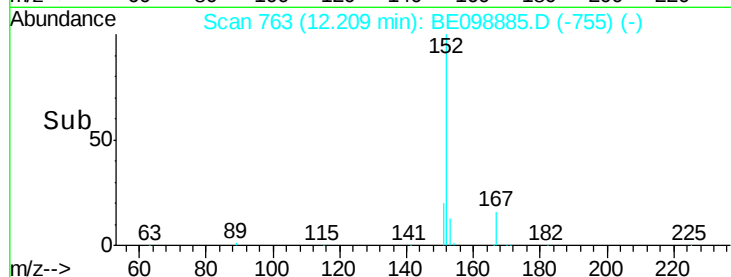
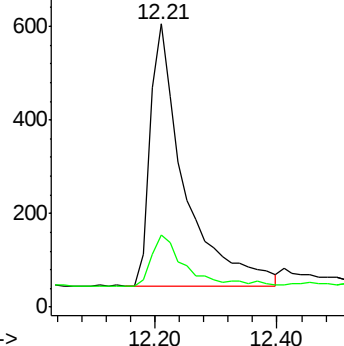
152 100

151 19.2 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: BE098885.D

Acq: 12 Mar 2019 6:34

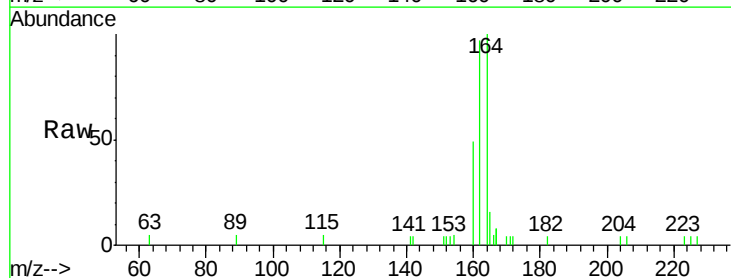
Tgt Ion:164 Resp: 2381

Ion Ratio Lower Upper

164 100

162 96.6 80.2 120.2

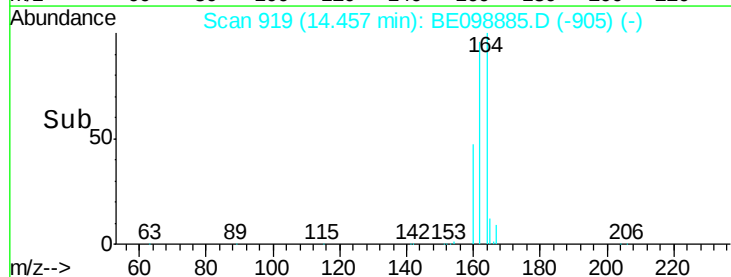
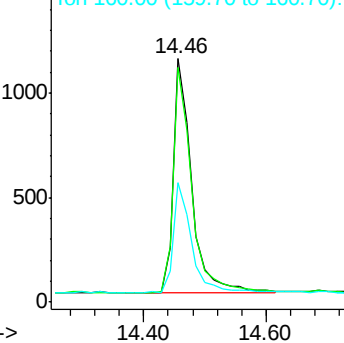
160 48.8 37.8 56.8

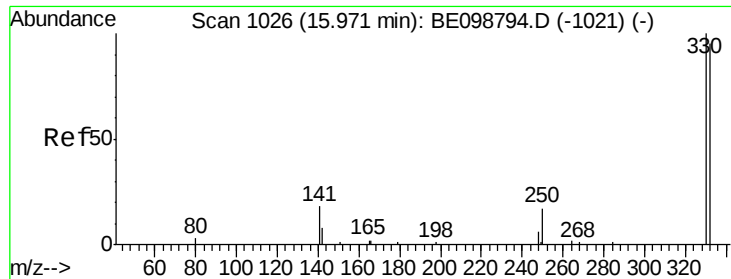


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

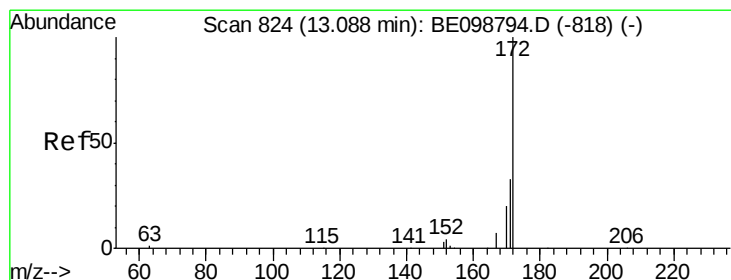
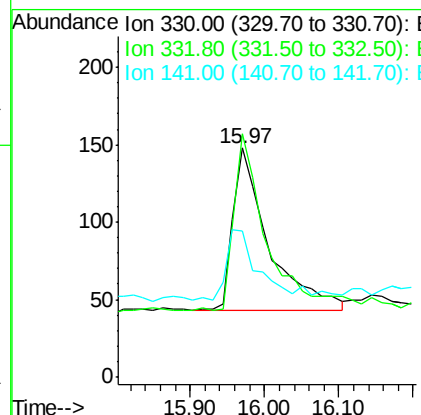
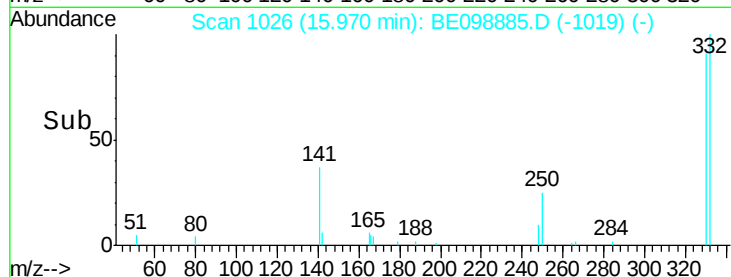
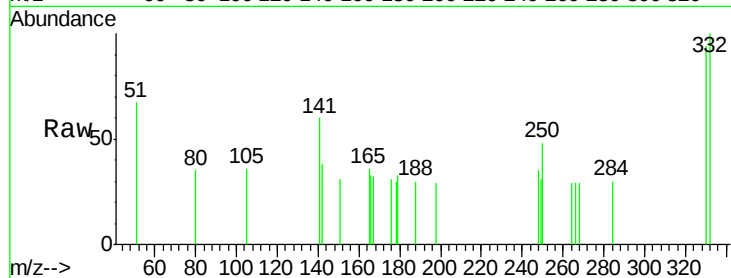




#14
 2,4,6-Tribromophenol
 Concen: 0.293 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098885.D
 Acq: 12 Mar 2019 6:34

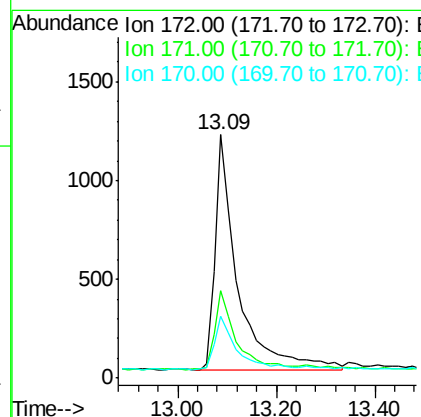
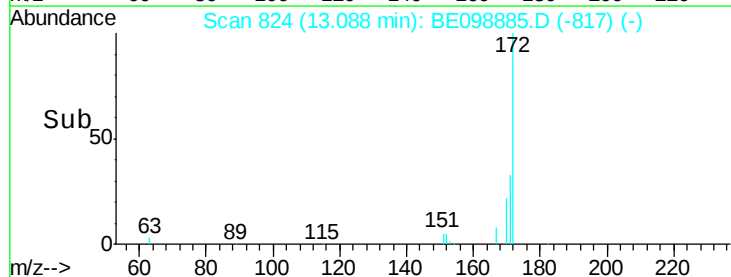
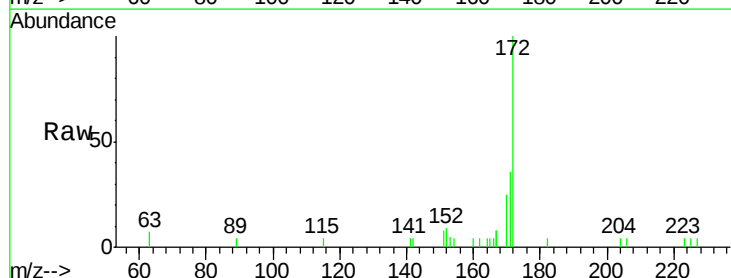
Instrument :
 BNA_E
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 RE103D2-20190308

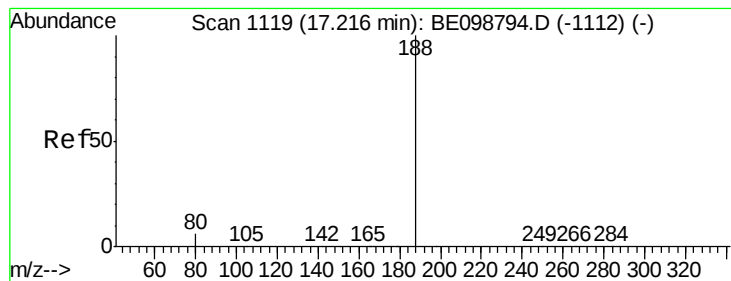
Tgt Ion:330 Resp: 352
 Ion Ratio Lower Upper
 330 100
 332 101.4 77.6 116.4
 141 36.9 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.379 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098885.D
 Acq: 12 Mar 2019 6:34

Tgt Ion:172 Resp: 3732
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.0 42.0
 170 25.1 17.7 26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098885.D

Acq: 12 Mar 2019 6:34

Instrument :

BNA_E

ClientSampleId :

RE103D2-20190308

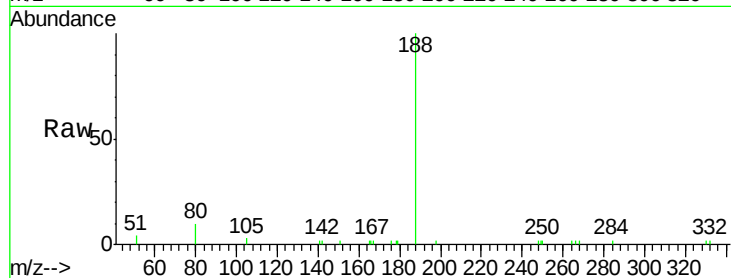
Tgt Ion:188 Resp: 5713

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

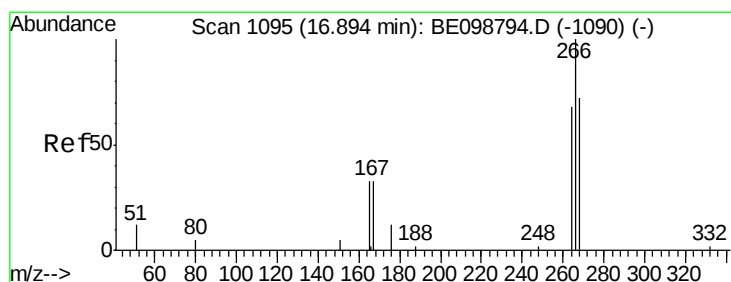
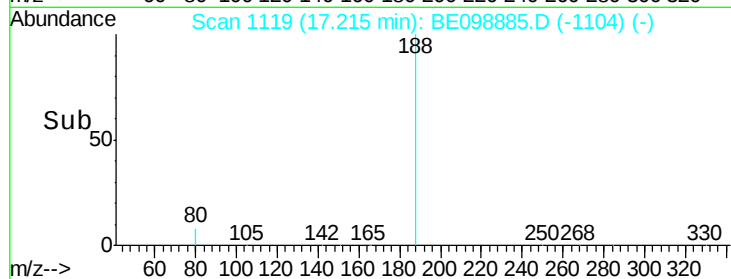
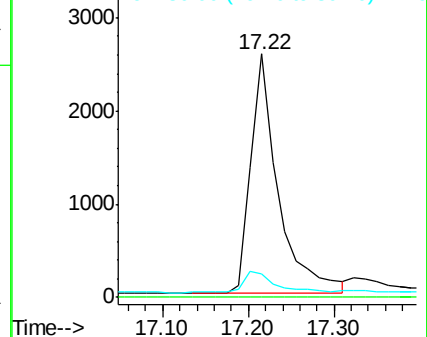
80 9.7 6.3 9.5#



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: 0.267 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE098885.D

Acq: 12 Mar 2019 6:34

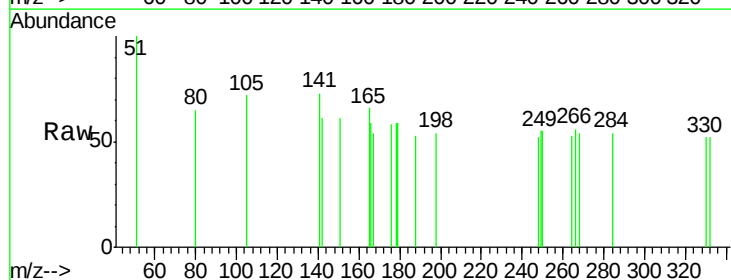
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 93.8 66.6 100.0

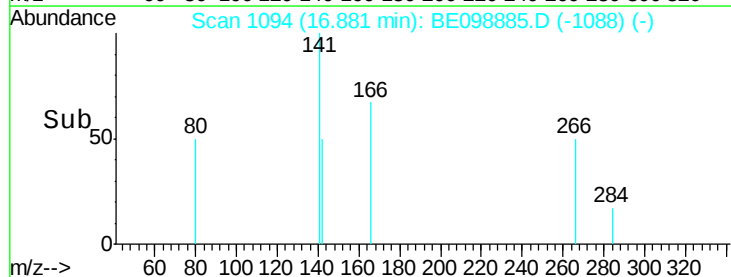
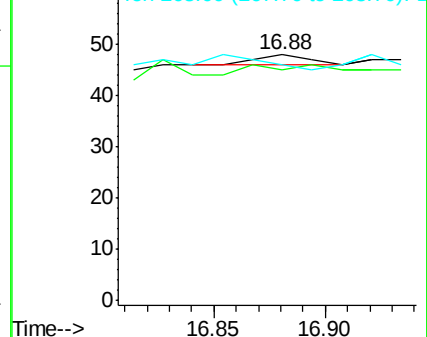
268 95.8 69.8 104.8

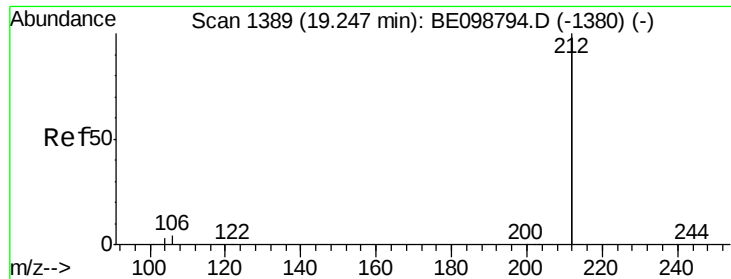


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.383 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098885.D

Acq: 12 Mar 2019 6:34

Instrument :

BNA_E

ClientSampleId :

RE103D2-20190308

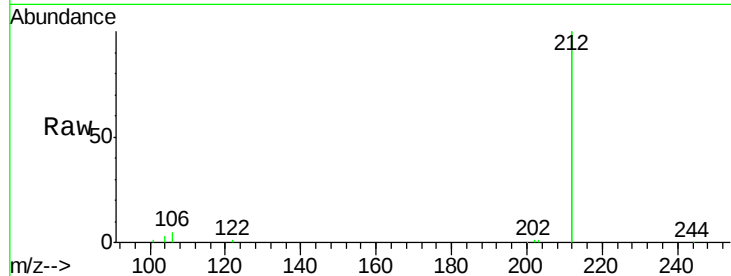
Tgt Ion:212 Resp: 34891

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

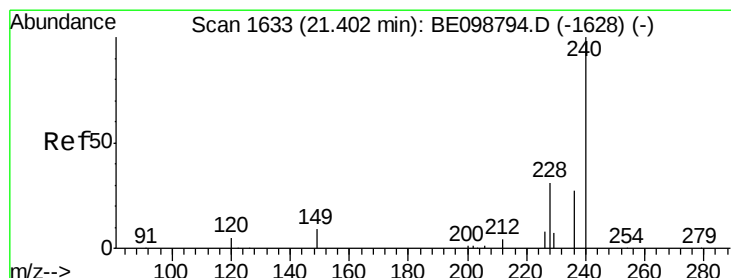
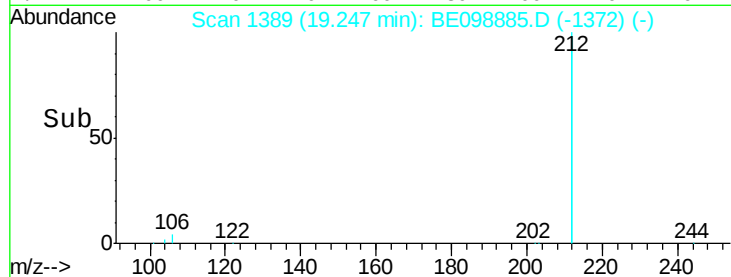
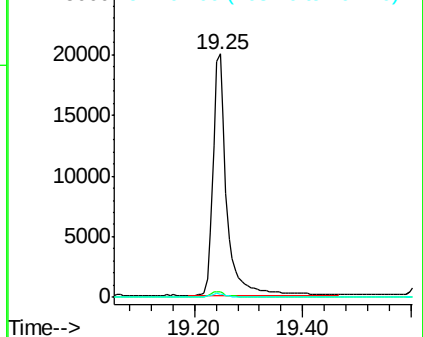
104 1.3 1.0 1.6



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: BE098885.D

Acq: 12 Mar 2019 6:34

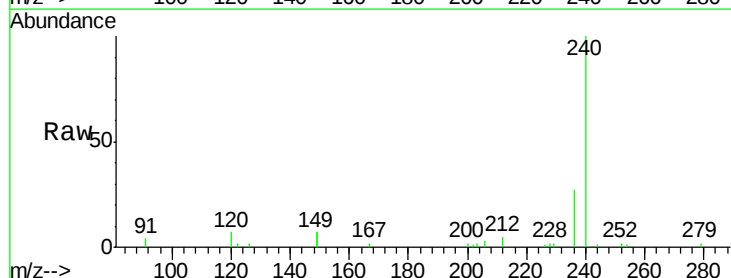
Tgt Ion:240 Resp: 6977

Ion Ratio Lower Upper

240 100

120 6.8 5.0 7.4

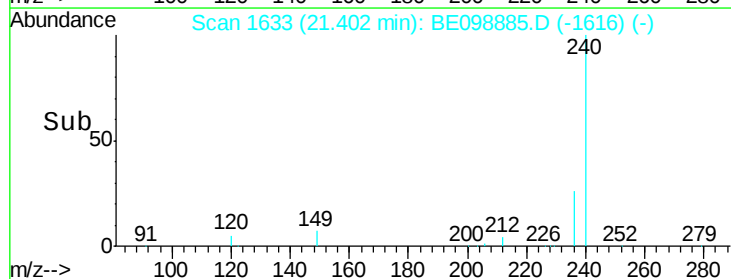
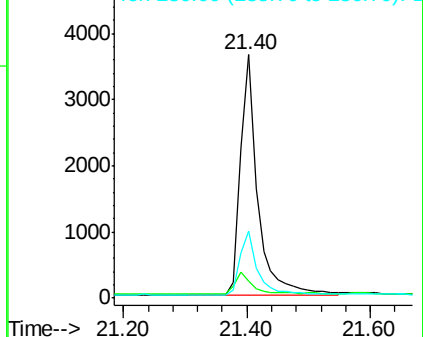
236 27.3 22.7 34.1

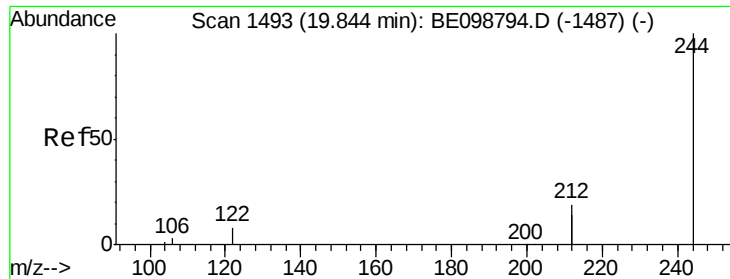


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.488 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098885.D

Acq: 12 Mar 2019 6:34

Instrument :

BNA_E

ClientSampleId :

RE103D2-20190308

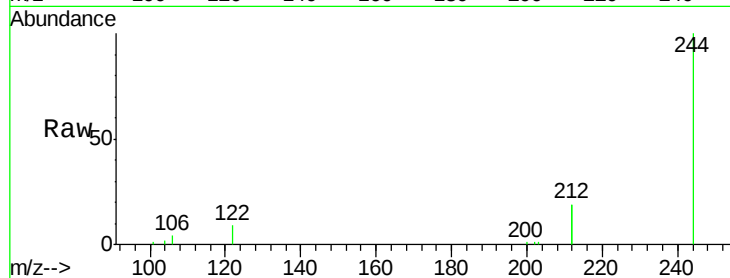
Tgt Ion:244 Resp: 8281

Ion Ratio Lower Upper

244 100

212 38.2 29.4 44.2

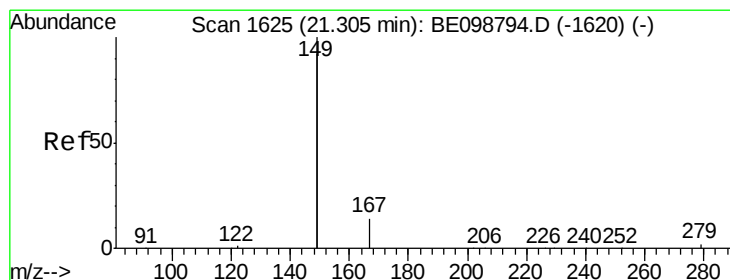
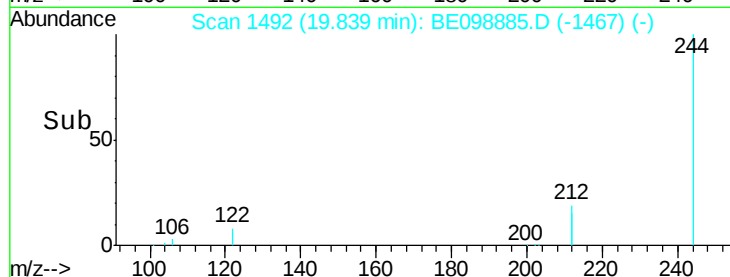
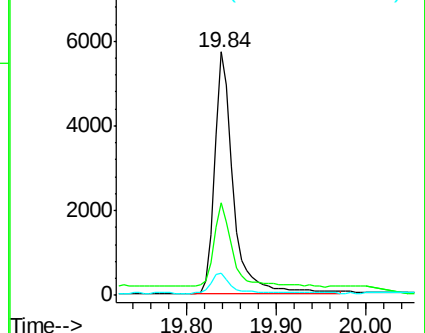
122 9.0 7.1 10.7



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: 0.038 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098885.D

Acq: 12 Mar 2019 6:34

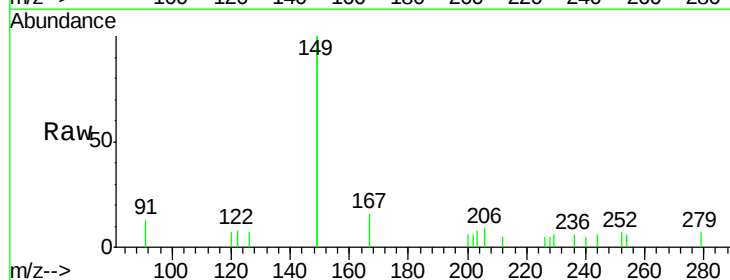
Tgt Ion:149 Resp: 1757

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

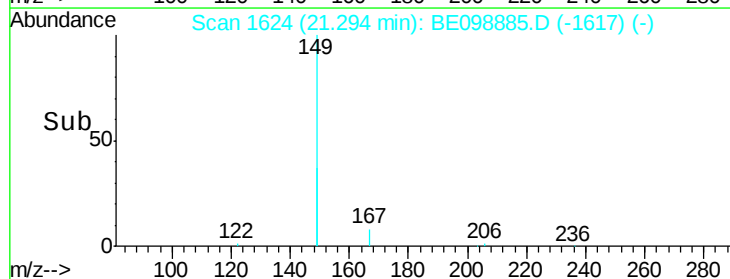
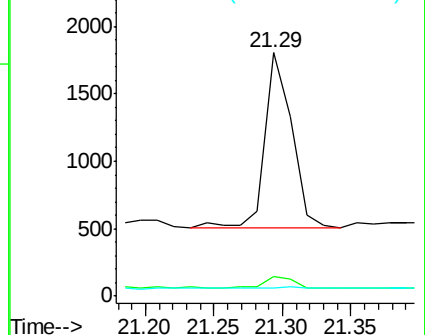
279 1.9 1.0 1.4#

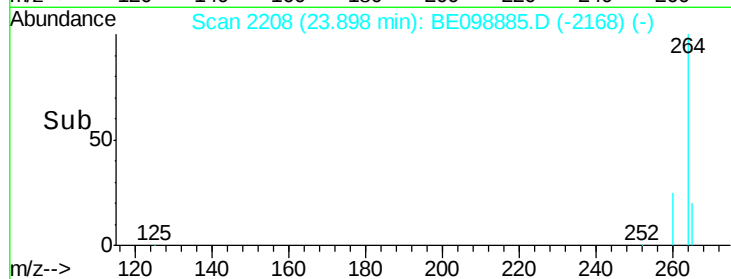
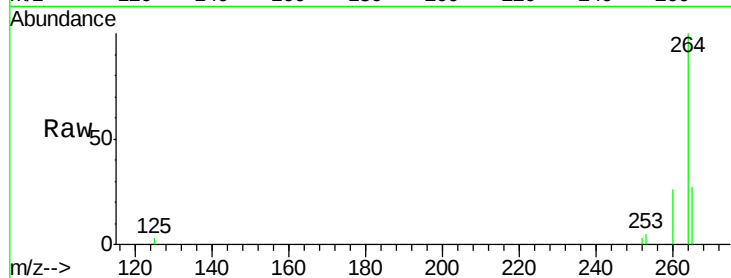
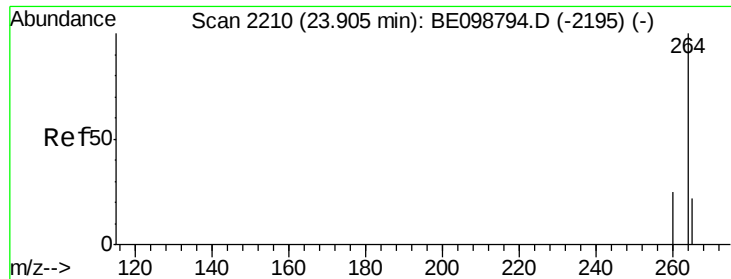


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.90 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BE098885.D

Acq: 12 Mar 2019 6:34

Instrument :

BNA_E

ClientSampleId :

RE103D2-20190308

Tgt Ion: 264 Resp: 6837

Ion Ratio Lower Upper

264 100

260 25.8 21.2 31.8

265 27.3 24.6 36.8

