

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031219\
 Data File : BE098900.D
 Acq On : 12 Mar 2019 16:26
 Operator : JU/SJ
 Sample : K1839-08DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE104D1-20190307DL

Quant Time: Mar 13 07:45:32 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

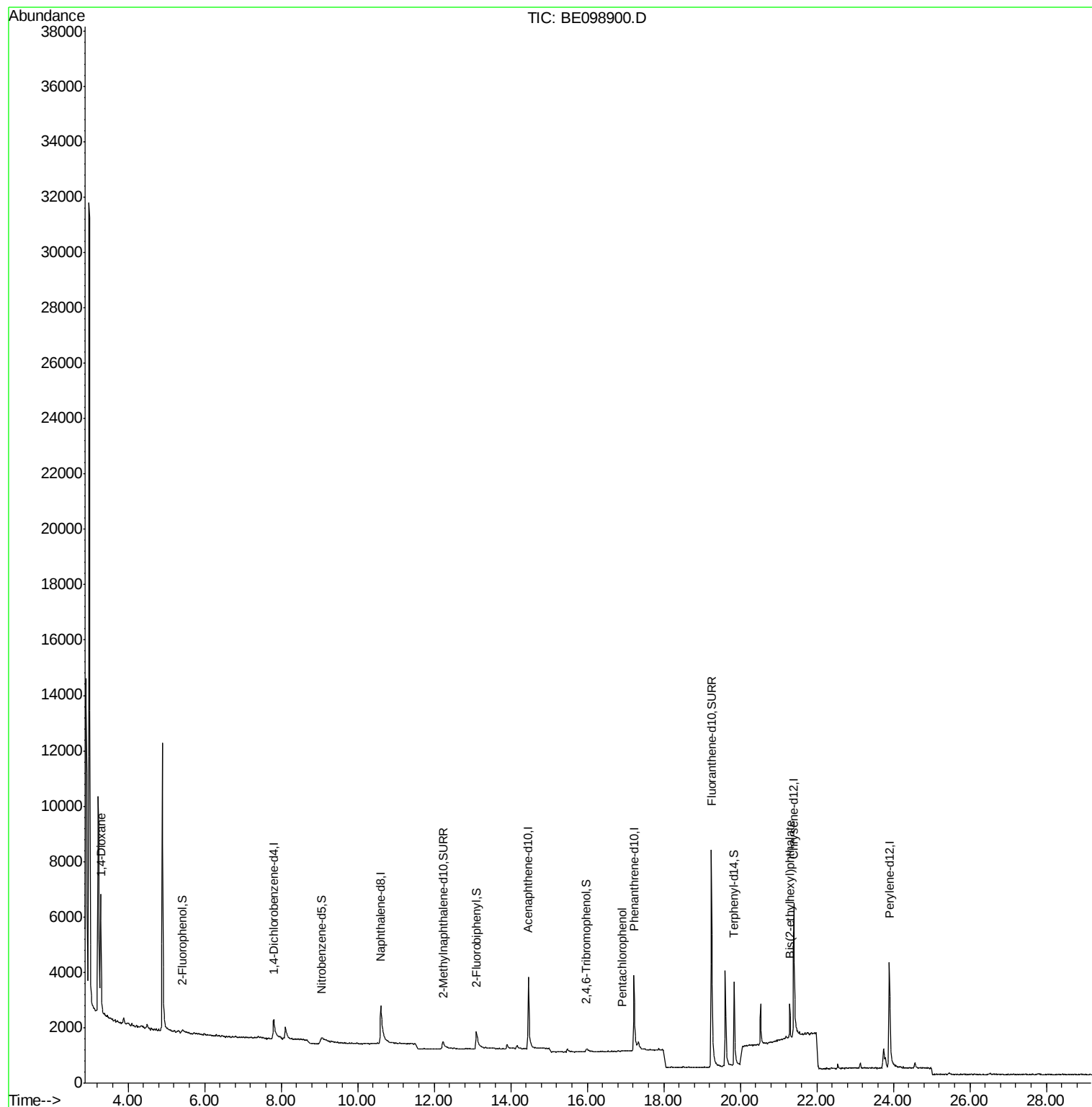
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	706	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3332	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2488	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5696	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7366	0.40	ng	0.00
34) Perylene-d12	23.89	264	6870	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	108	0.05	ng	0.04
5) Phenol-d6	6.94	99	5	0.00	ng	-0.04
8) Nitrobenzene-d5	9.07	82	369	0.11	ng	0.10
11) 2-Methylnaphthalene-d10	12.24	152	905	0.15	ng	0.04
14) 2,4,6-Tribromophenol	15.98	330	146	0.12	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	1591	0.15	ng	0.01
25) Fluoranthene-d10	19.25	212	15095	0.17	ng	0.00
29) Terphenyl-d14	19.85	244	3675	0.21	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	2603	2.291	ng	95
22) Pentachlorophenol	16.91	266	4	0.268	ng	84
32) Bis(2-ethylhexyl)phthalate	21.29	149	1725	0.035	ng	100

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

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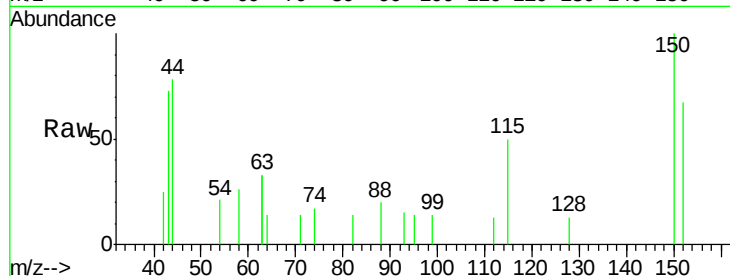


#1

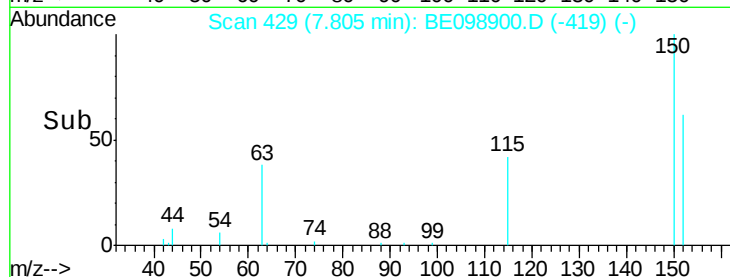
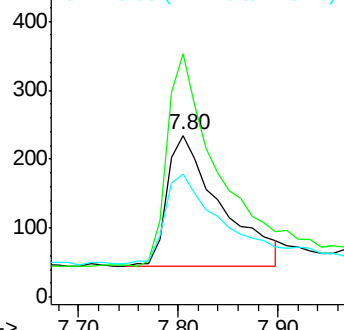
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098900.D
Acq: 12 Mar 2019 16:26

Instrument :
BNA_E
ClientSampleId :
RE104D1-20190307DL

Tgt Ion: 152 Resp: 706
Ion Ratio Lower Upper
152 100
150 150.2 122.5 183.7
115 75.7 57.4 86.2



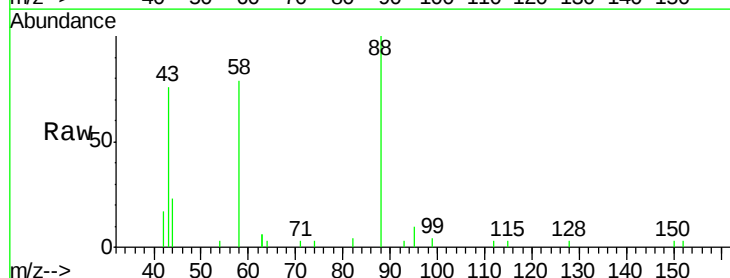
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



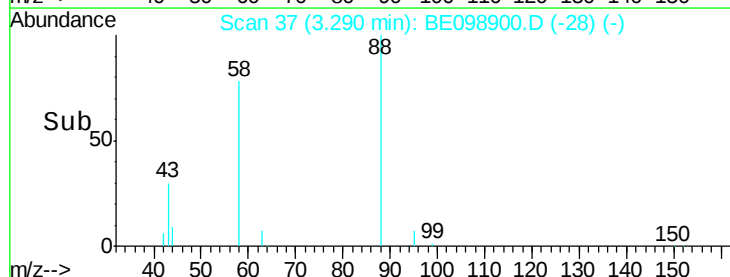
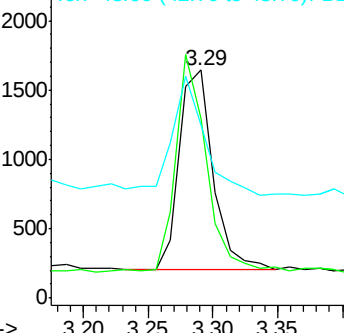
#2

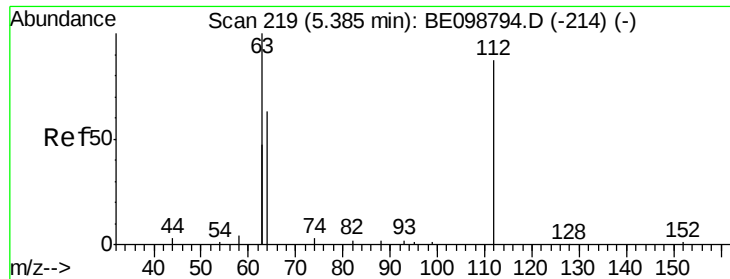
1,4-Dioxane
Concen: 2.291 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098900.D
Acq: 12 Mar 2019 16:26

Tgt Ion: 88 Resp: 2603
Ion Ratio Lower Upper
88 100
58 96.8 75.8 113.6
43 58.5 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





#4

2-Fluorophenol

Concen: 0.051 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.04 min

Lab File: BE098900.D

Acq: 12 Mar 2019 16:26

Instrument :

BNA_E

ClientSampleId :

RE104D1-20190307DL

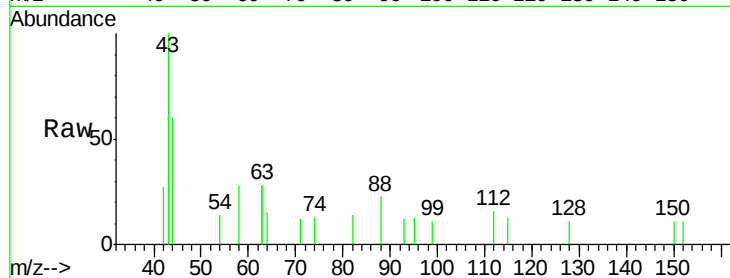
Tgt Ion: 112 Resp: 108

Ion Ratio Lower Upper

112 100

64 77.8 57.9 86.9

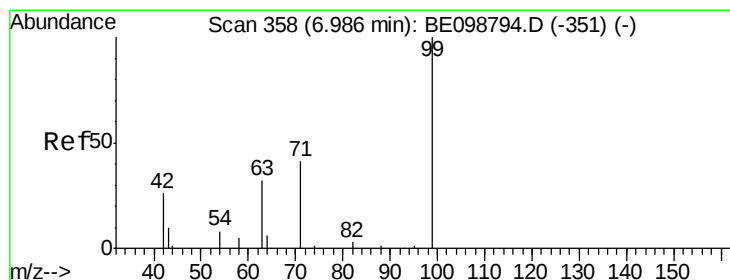
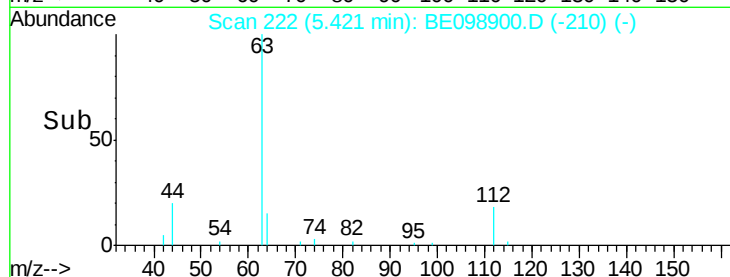
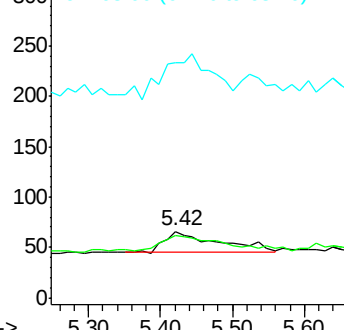
63 0.0 158.3 237.5#



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: 0.002 ng

RT: 6.94 min Scan# 354

Delta R.T. -0.04 min

Lab File: BE098900.D

Acq: 12 Mar 2019 16:26

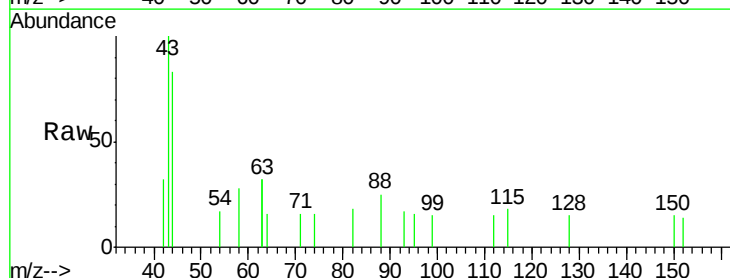
Tgt Ion: 99 Resp: 5

Ion Ratio Lower Upper

99 100

42 160.0 24.2 36.2#

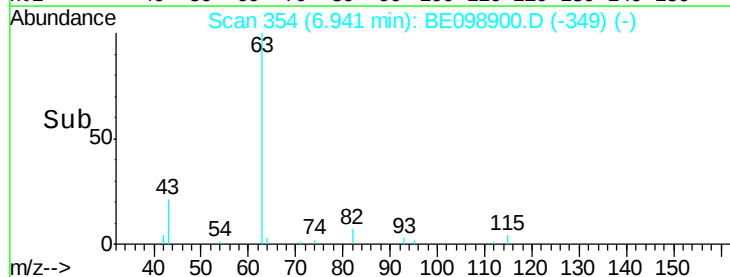
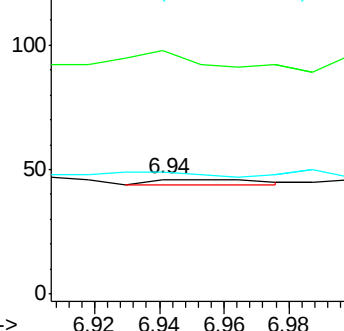
71 60.0 35.7 53.5#



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: BE098900.D

Acq: 12 Mar 2019 16:26

Instrument :

BNA_E

ClientSampleId :

RE104D1-20190307DL

Tgt Ion: 136 Resp: 3332

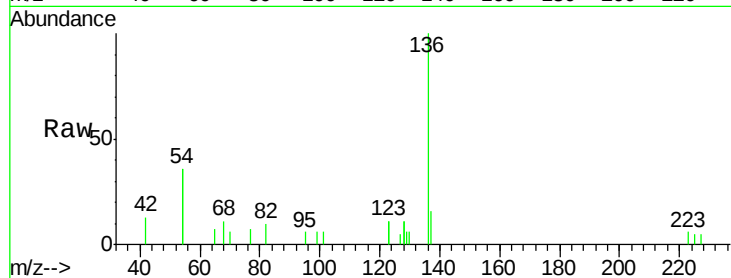
Ion Ratio Lower Upper

136 100

137 16.3 11.4 17.0

54 72.1 39.3 58.9#

68 11.1 6.7 10.1#

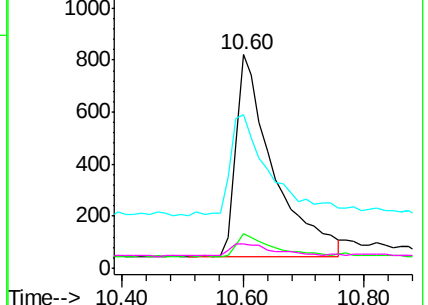
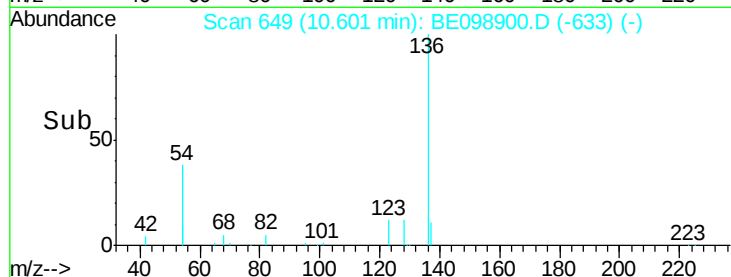


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.106 ng

RT: 9.07 min Scan# 531

Delta R.T. 0.10 min

Lab File: BE098900.D

Acq: 12 Mar 2019 16:26

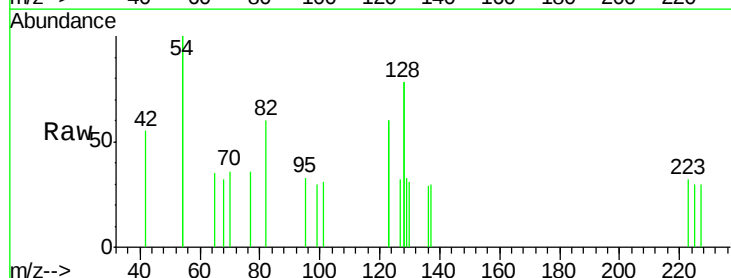
Tgt Ion: 82 Resp: 369

Ion Ratio Lower Upper

82 100

128 261.5 123.8 185.8#

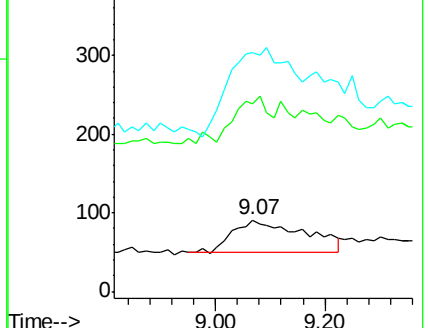
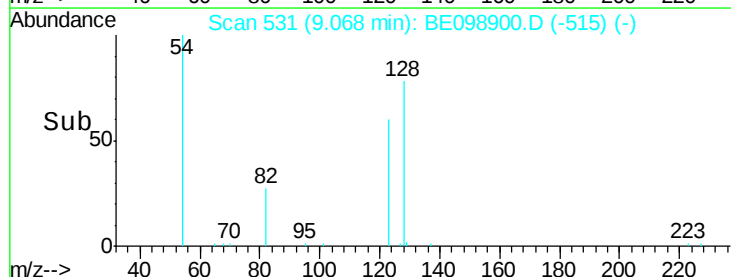
54 334.1 203.4 305.2#

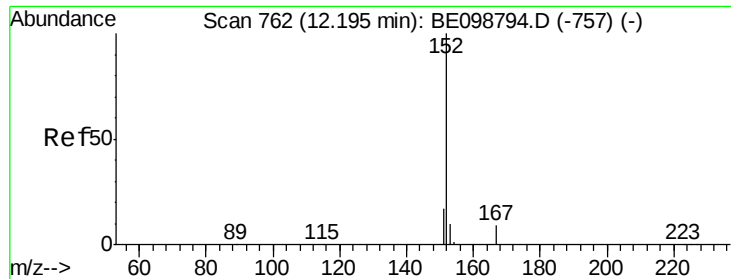


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

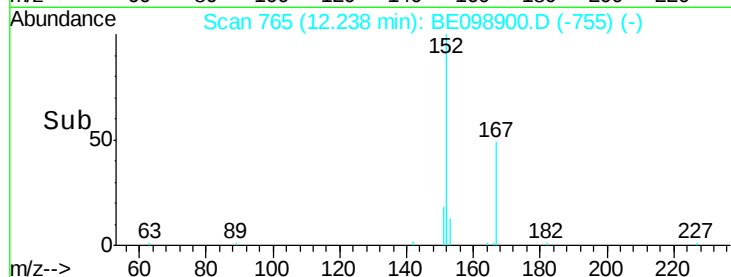
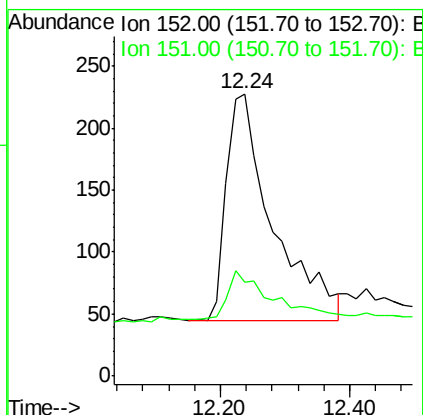
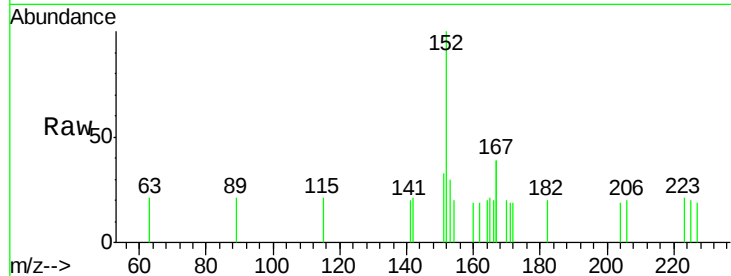




#11
 2-Methylnaphthalene-d10
 Concen: 0.147 ng
 RT: 12.24 min Scan# 765
 Delta R.T. 0.04 min
 Lab File: BE098900.D
 Acq: 12 Mar 2019 16:26

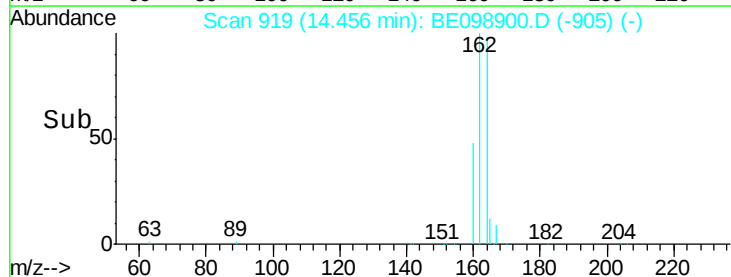
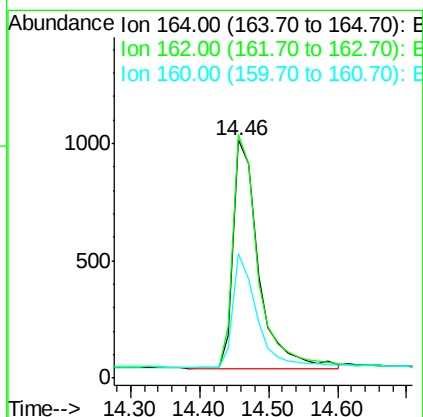
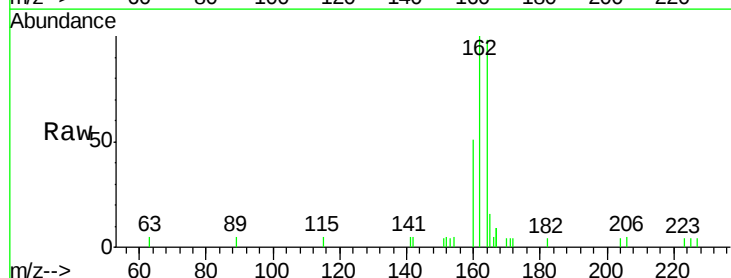
Instrument :
 BNA_E
 ClientSampleId :
 RE104D1-20190307DL

Tgt Ion:152 Resp: 905
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.5 24.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE098900.D
 Acq: 12 Mar 2019 16:26

Tgt Ion:164 Resp: 2488
 Ion Ratio Lower Upper
 164 100
 162 102.2 80.2 120.2
 160 52.3 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.116 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE098900.D

Acq: 12 Mar 2019 16:26

Instrument :

BNA_E

ClientSampleId :

RE104D1-20190307DL

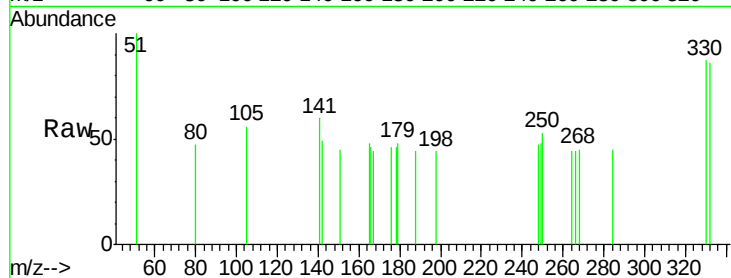
Tgt Ion:330 Resp: 146

Ion Ratio Lower Upper

330 100

332 99.3 77.6 116.4

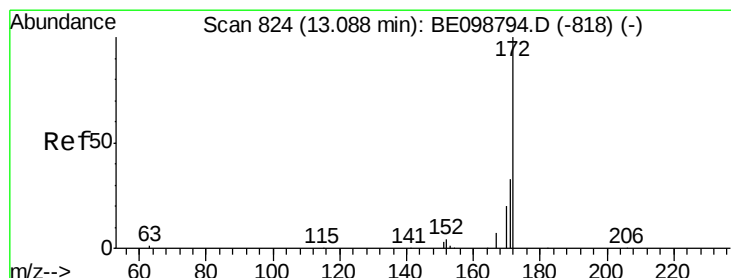
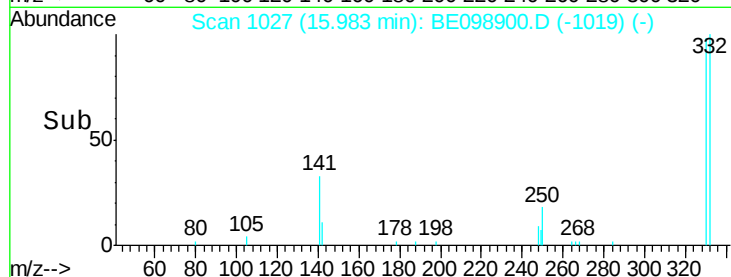
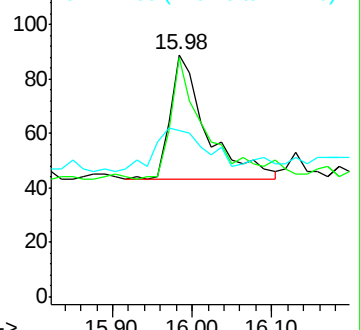
141 50.7 31.0 46.4#



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: 0.154 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.01 min

Lab File: BE098900.D

Acq: 12 Mar 2019 16:26

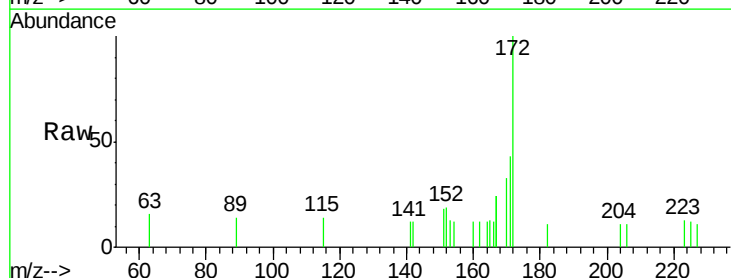
Tgt Ion:172 Resp: 1591

Ion Ratio Lower Upper

172 100

171 42.6 28.0 42.0#

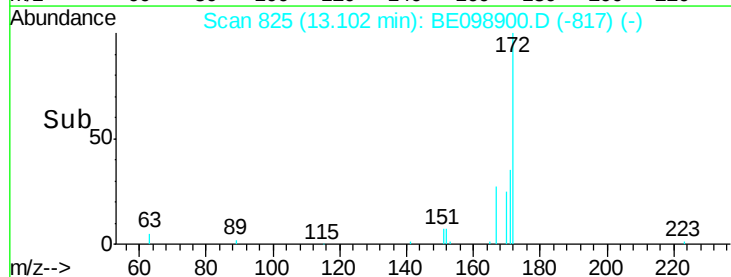
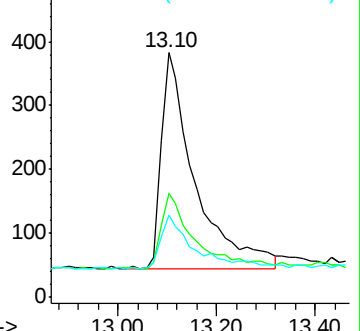
170 33.4 17.7 26.5#



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: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098900.D

Acq: 12 Mar 2019 16:26

Instrument :

BNA_E

ClientSampleId :

RE104D1-20190307DL

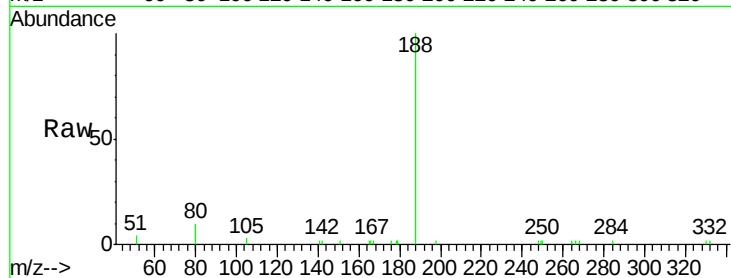
Tgt Ion:188 Resp: 5696

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

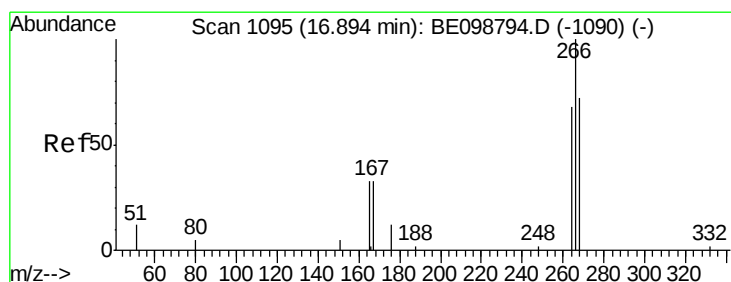
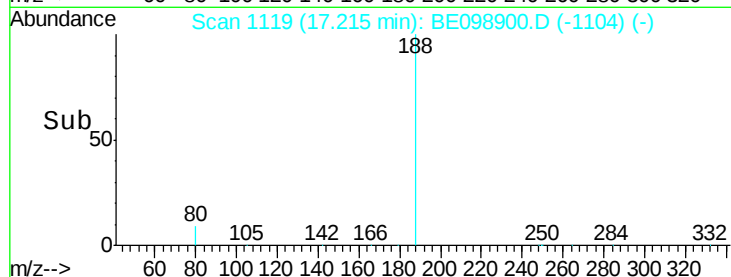
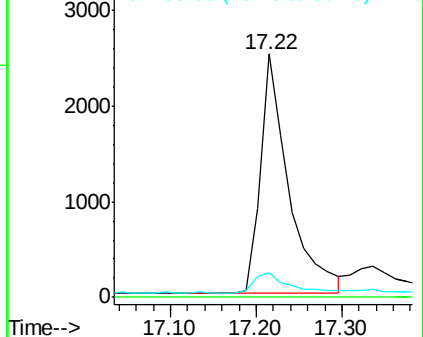
80 10.4 6.3 9.5#



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: 0.268 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098900.D

Acq: 12 Mar 2019 16:26

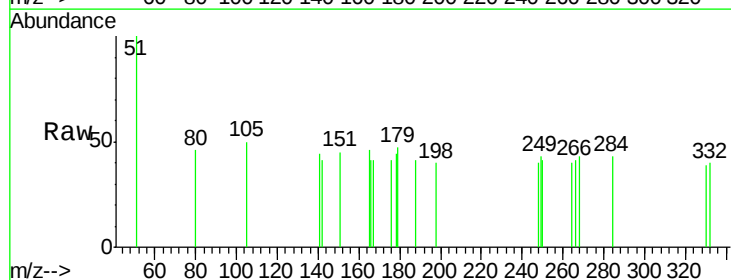
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 95.7 66.6 100.0

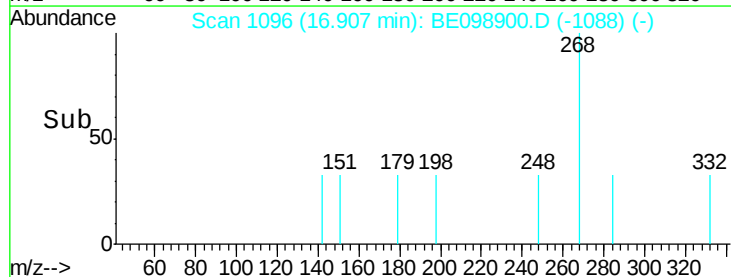
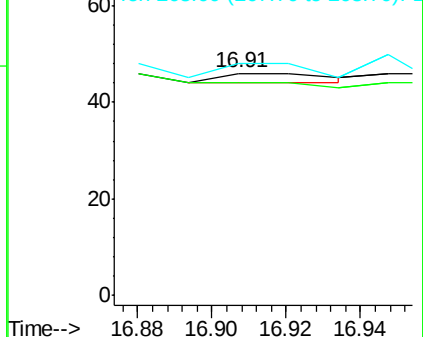
268 104.3 69.8 104.8



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: 0.166 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098900.D

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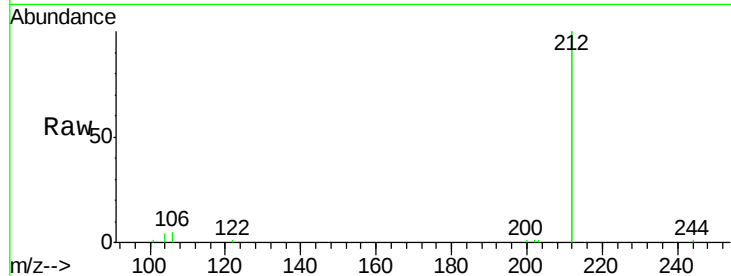
Tgt Ion:212 Resp: 15095

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

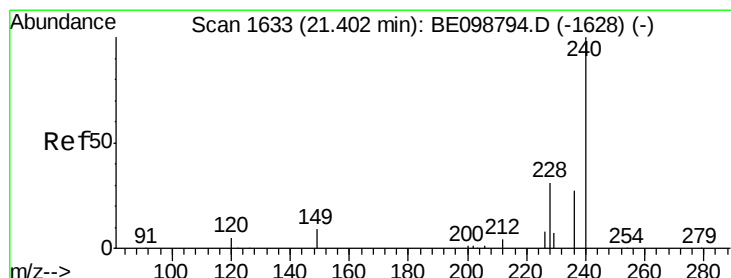
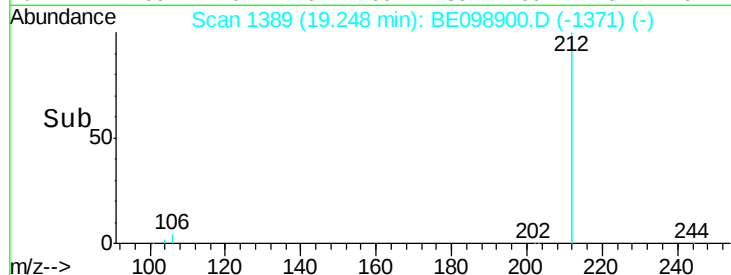
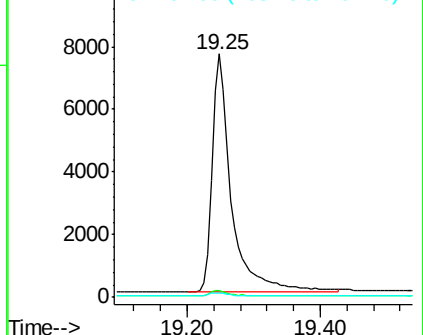
104 1.3 1.0 1.6



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# 1632

Delta R.T. -0.00 min

Lab File: BE098900.D

Acq: 12 Mar 2019 16:26

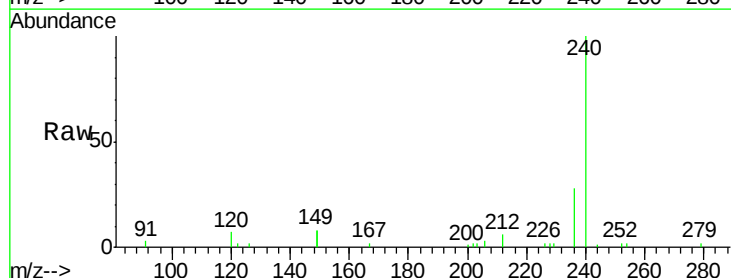
Tgt Ion:240 Resp: 7366

Ion Ratio Lower Upper

240 100

120 7.4 5.0 7.4#

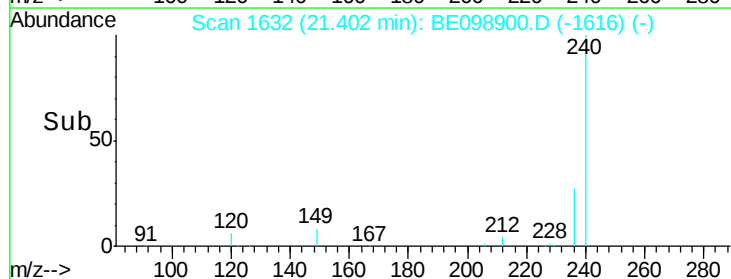
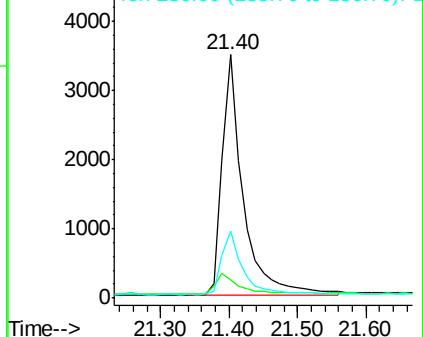
236 27.6 22.7 34.1

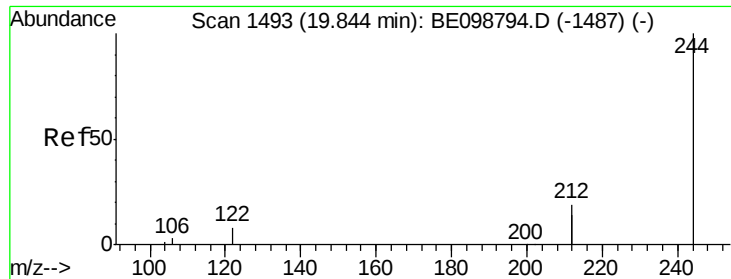


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.205 ng

RT: 19.85 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE098900.D

Acq: 12 Mar 2019 16:26

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RE104D1-20190307DL

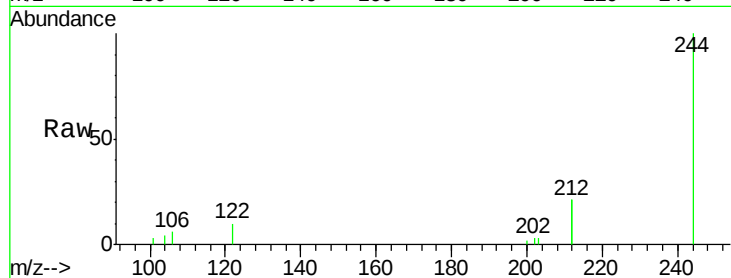
Tgt Ion:244 Resp: 3675

Ion Ratio Lower Upper

244 100

212 42.9 29.4 44.2

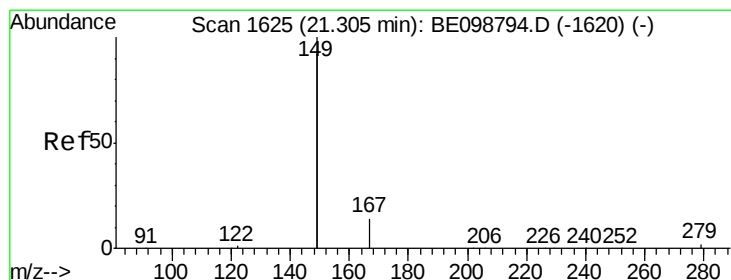
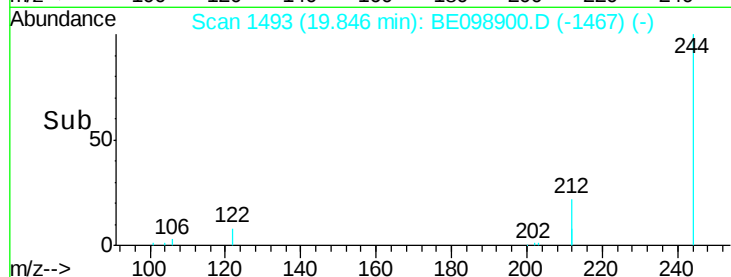
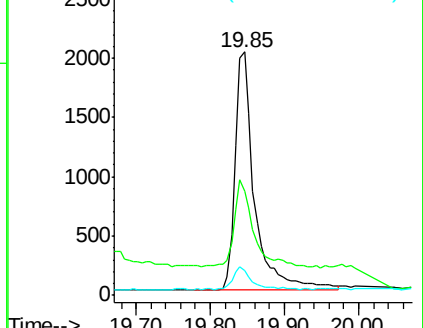
122 10.0 7.1 10.7



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: 0.035 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE098900.D

Acq: 12 Mar 2019 16:26

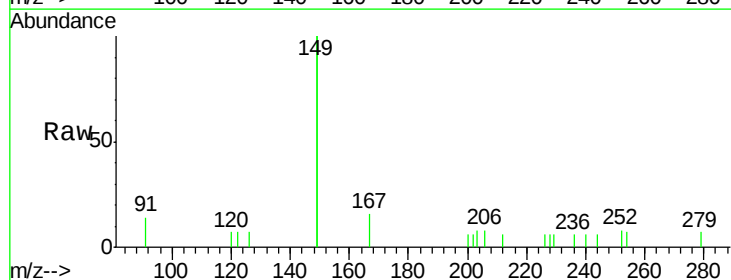
Tgt Ion:149 Resp: 1725

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

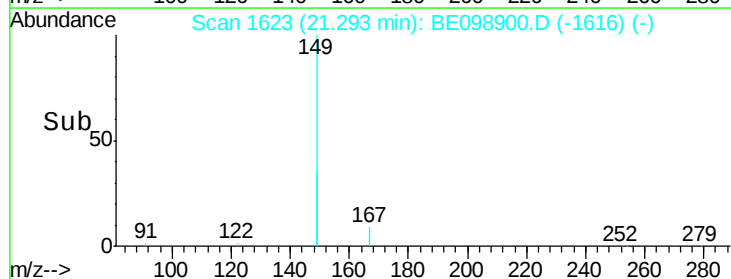
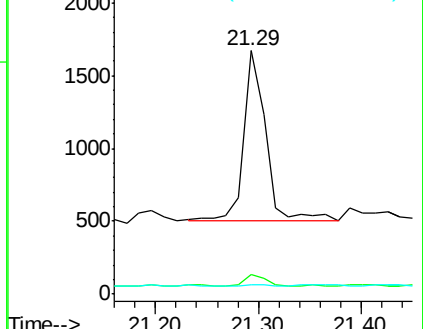
279 1.3 1.0 1.4

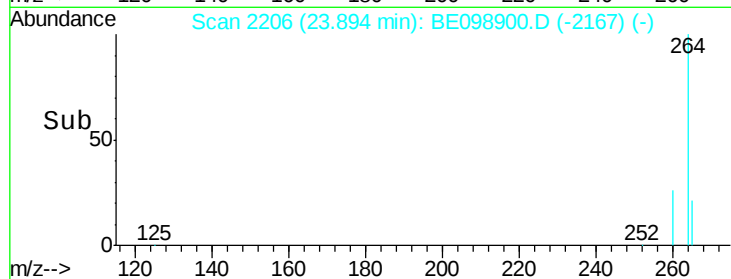
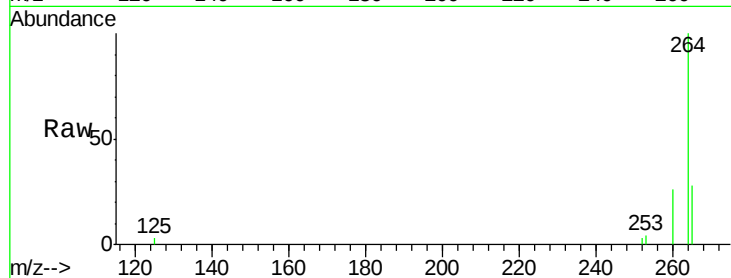


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.89 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BE098900.D

Acq: 12 Mar 2019 16:26

Instrument :

BNA_E

ClientSampleId :

RE104D1-20190307DL

Tgt Ion:264 Resp: 6870

Ion Ratio Lower Upper

264 100

260 26.5 21.2 31.8

265 27.8 24.6 36.8

