

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031519\
 Data File : BE098984.D
 Acq On : 15 Mar 2019 23:35
 Operator : JU/SJ
 Sample : K1912-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M3-T4-OZ(POST-HYPO)

Quant Time: Mar 16 00:53:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

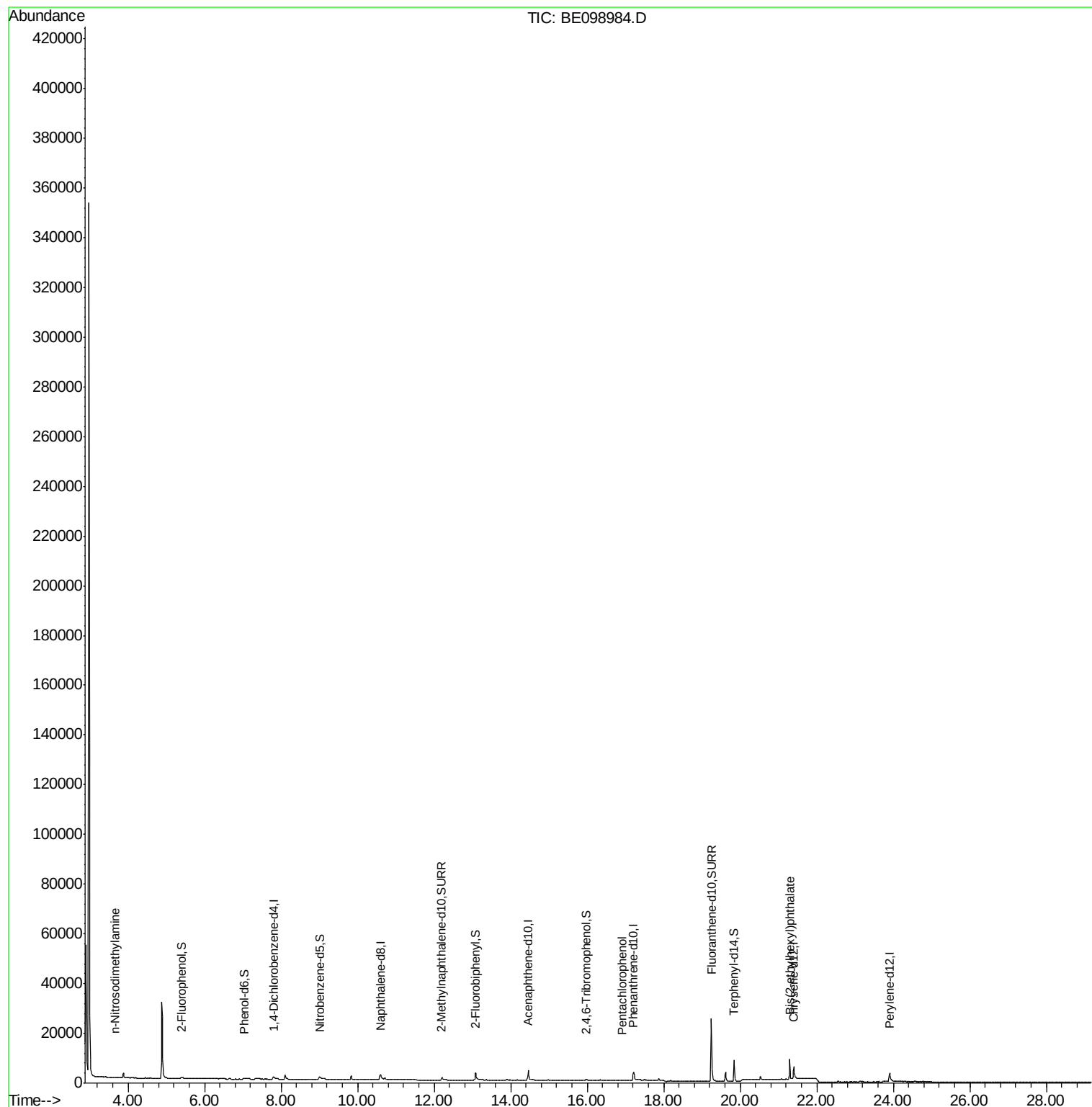
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	870	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3725	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2698	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6251	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7750	0.40	ng	0.00
34) Perylene-d12	23.90	264	6987	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	699	0.27	ng	0.01
5) Phenol-d6	7.02	99	589	0.16	ng	0.04
8) Nitrobenzene-d5	9.00	82	1429	0.37	ng	0.04
11) 2-Methylnaphthalene-d10	12.19	152	2884	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	520	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4987	0.45	ng	0.00
25) Fluoranthene-d10	19.24	212	41549	0.42	ng	0.00
29) Terphenyl-d14	19.84	244	9081	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.33	88	25	Below Cal	Qvalue #	11
3) n-Nitrosodimethylamine	3.66	42	45	0.021 ng	#	14
22) Pentachlorophenol	16.91	266	18	0.278 ng		92
32) Bis(2-ethylhexyl)phthalate	21.29	149	8310	0.161 ng		100

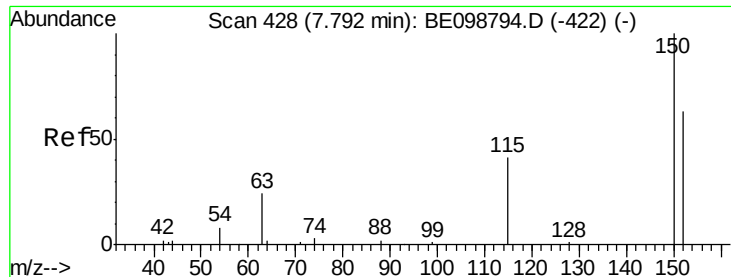
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE098984.D

Acq: 15 Mar 2019 23:35

Instrument :

BNA_E

ClientSampleId :

M3-T4-OZ(POST-HYPO)

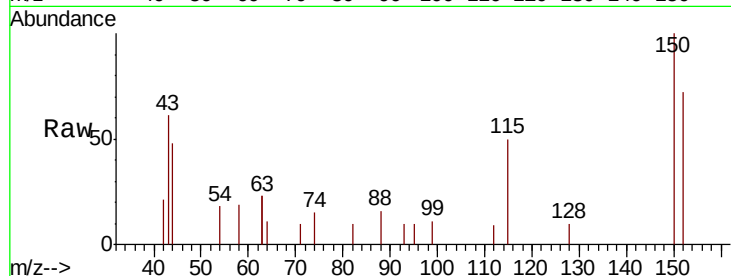
Tgt Ion: 152 Resp: 870

Ion Ratio Lower Upper

152 100

150 139.0 122.5 183.7

115 69.1 57.4 86.2

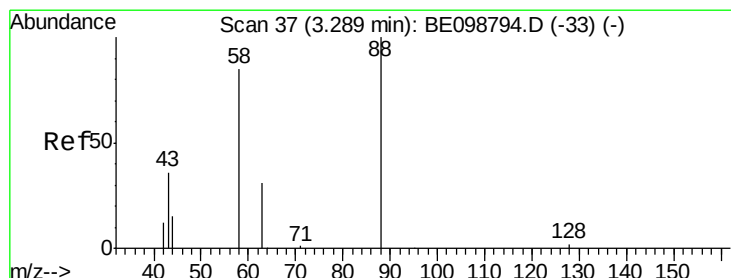
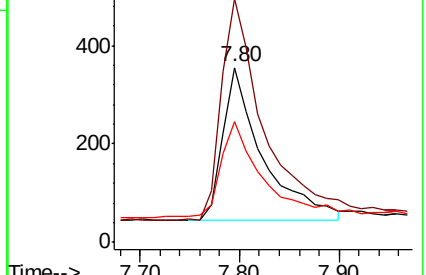
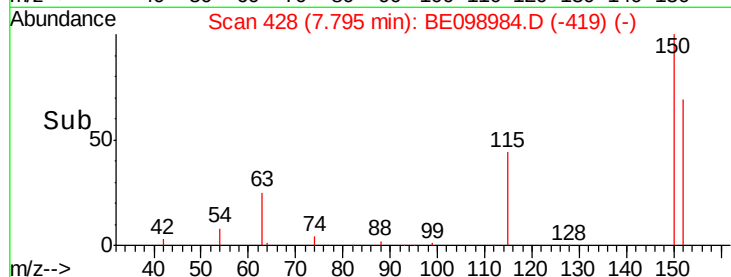


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.33 min Scan# 40

Delta R.T. 0.04 min

Lab File: BE098984.D

Acq: 15 Mar 2019 23:35

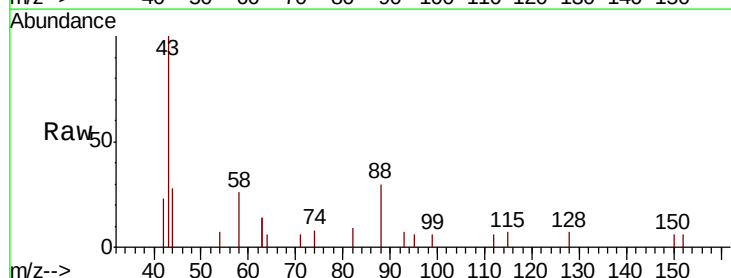
Tgt Ion: 88 Resp: 25

Ion Ratio Lower Upper

88 100

58 0.0 75.8 113.6#

43 0.0 41.8 62.8#

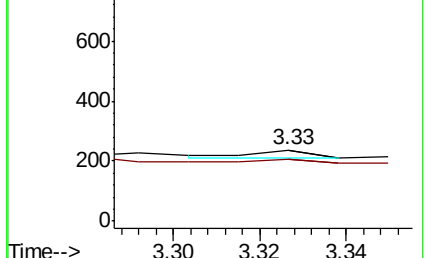
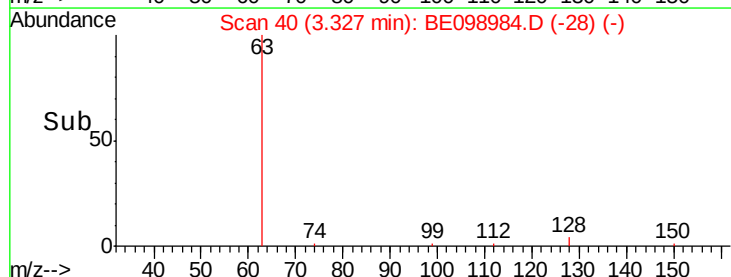


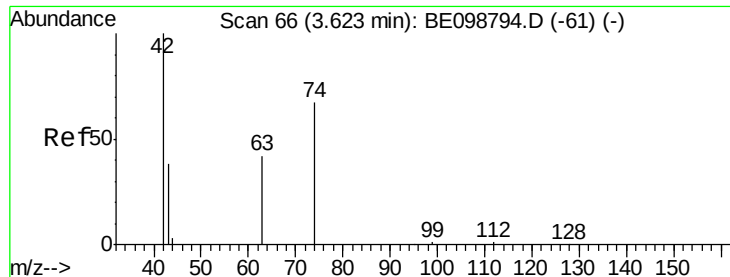
Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

Time-->

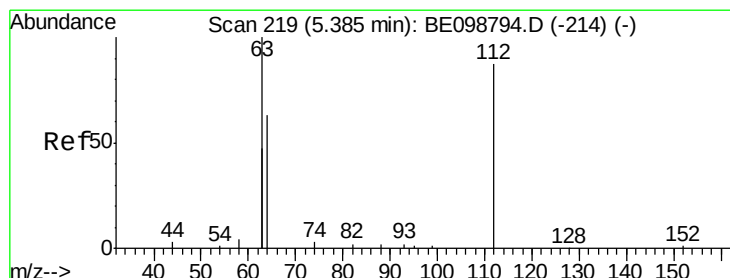
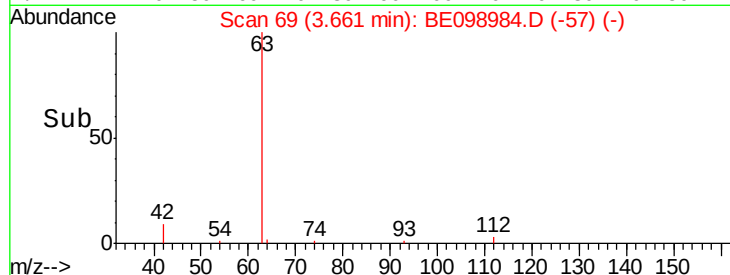
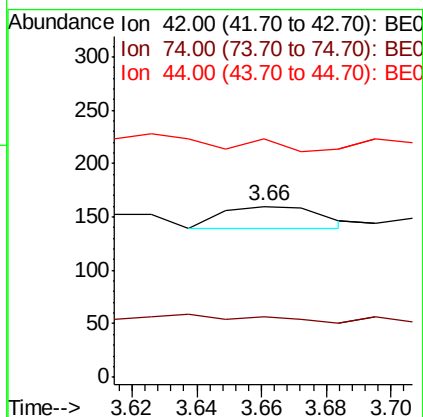
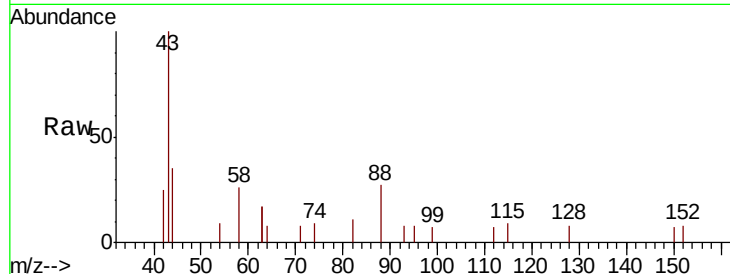




#3
 n-Nitrosodimethylamine
 Concen: 0.021 ng
 RT: 3.66 min Scan# 69
 Delta R.T. 0.04 min
 Lab File: BE098984.D
 Acq: 15 Mar 2019 23:35

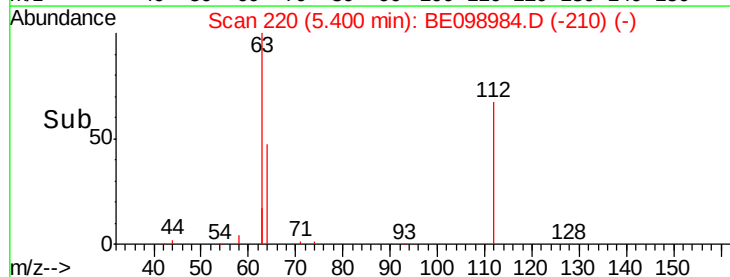
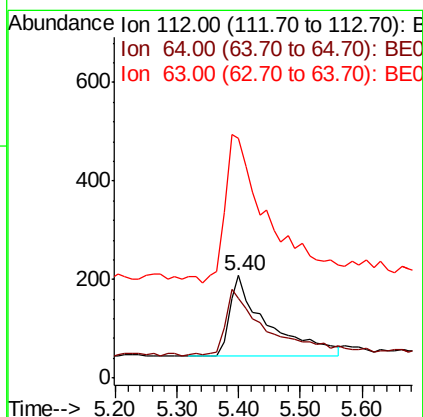
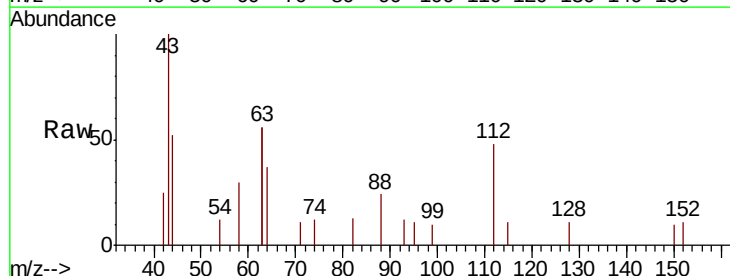
Instrument :
 BNA_E
 ClientSampleId :
 M3-T4-OZ(POST-HYPO)

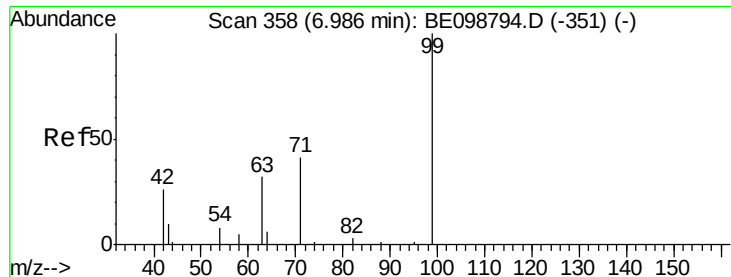
Tgt Ion: 42 Resp: 45
 Ion Ratio Lower Upper
 42 100
 74 0.0 57.0 85.4#
 44 0.0 0.0 0.0



#4
 2-Fluorophenol
 Concen: 0.269 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: BE098984.D
 Acq: 15 Mar 2019 23:35

Tgt Ion: 112 Resp: 699
 Ion Ratio Lower Upper
 112 100
 64 99.7 57.9 86.9#
 63 217.9 158.3 237.5





#5

Phenol-d6

Concen: 0.160 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.04 min

Lab File: BE098984.D

Acq: 15 Mar 2019 23:35

Instrument :

BNA_E

ClientSampleId :

M3-T4-OZ(POST-HYPO)

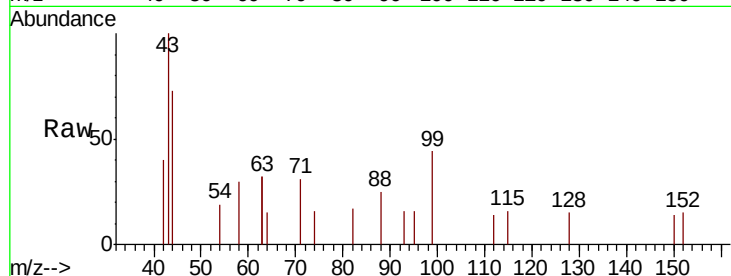
Tgt Ion: 99 Resp: 589

Ion Ratio Lower Upper

99 100

42 31.7 24.2 36.2

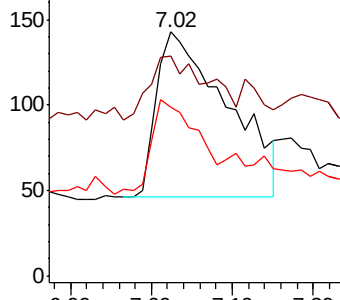
71 39.4 35.7 53.5



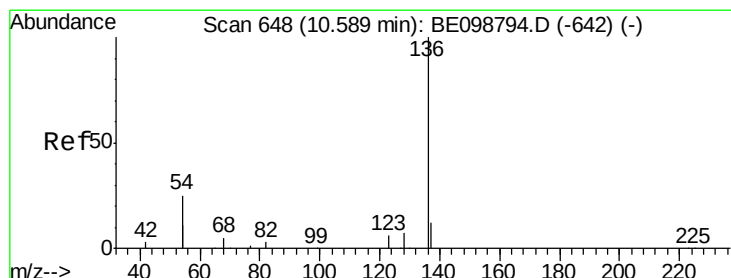
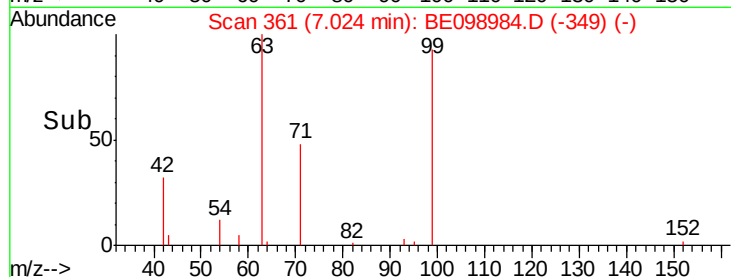
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098984.D

Acq: 15 Mar 2019 23:35

Tgt Ion: 136 Resp: 3725

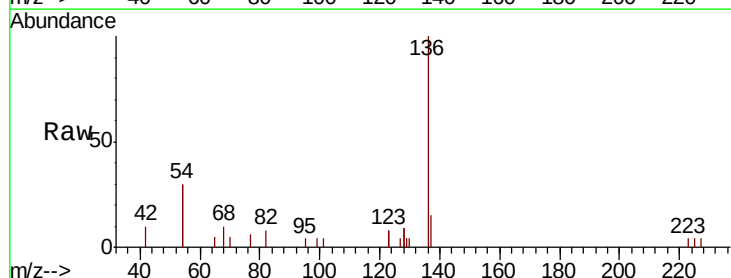
Ion Ratio Lower Upper

136 100

137 14.5 11.4 17.0

54 60.8 39.3 58.9#

68 10.0 6.7 10.1

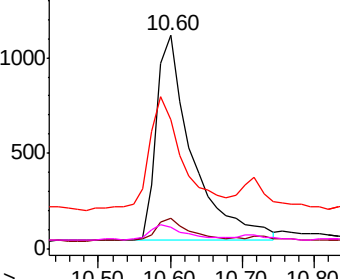


Abundance Ion 136.00 (135.70 to 136.70): E

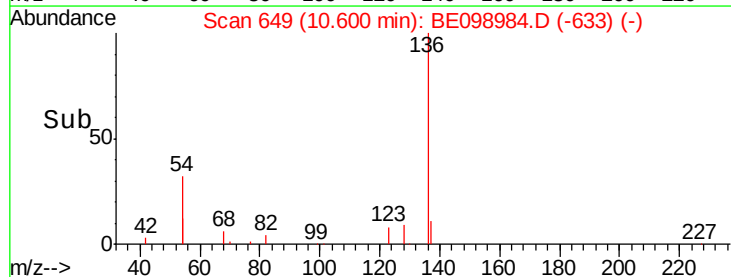
Ion 137.00 (136.70 to 137.70): E

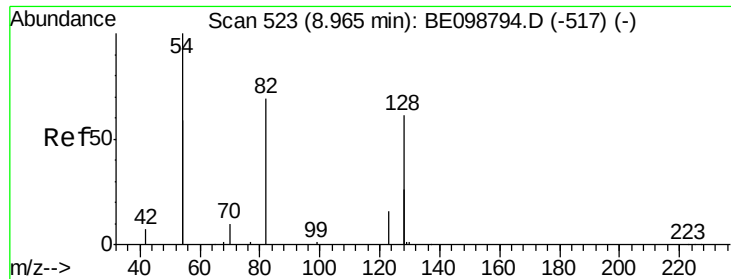
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.366 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098984.D

Acq: 15 Mar 2019 23:35

Instrument :

BNA_E

ClientSampleId :

M3-T4-OZ(POST-HYPO)

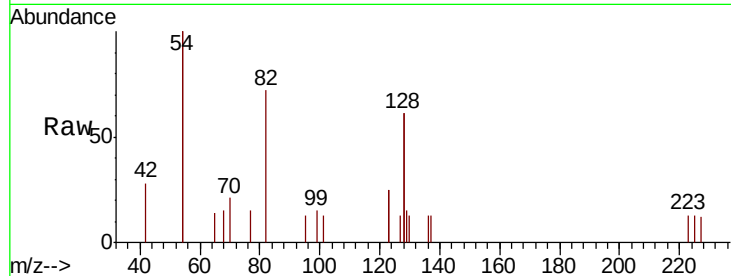
Tgt Ion: 82 Resp: 1429

Ion Ratio Lower Upper

82 100

128 169.0 123.8 185.8

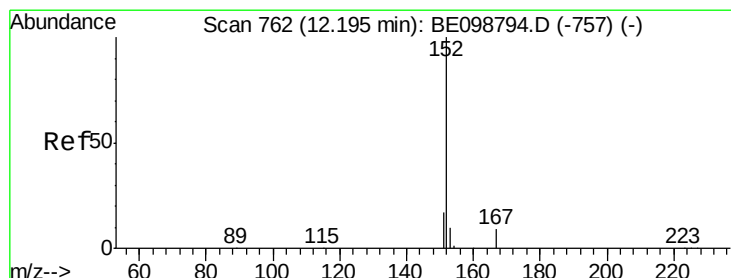
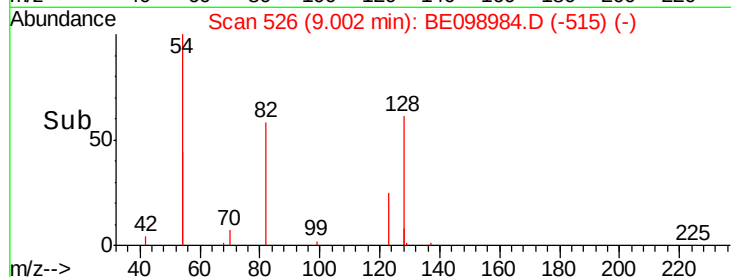
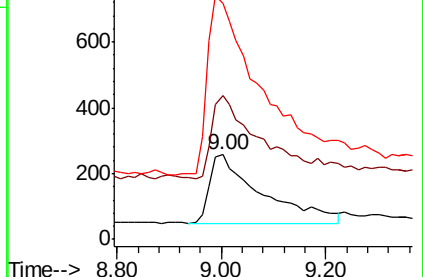
54 277.5 203.4 305.2



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.419 ng

RT: 12.19 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE098984.D

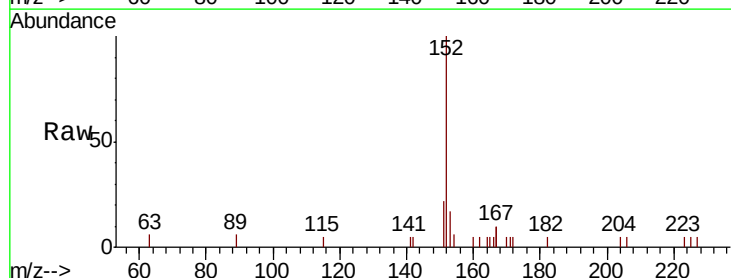
Acq: 15 Mar 2019 23:35

Tgt Ion: 152 Resp: 2884

Ion Ratio Lower Upper

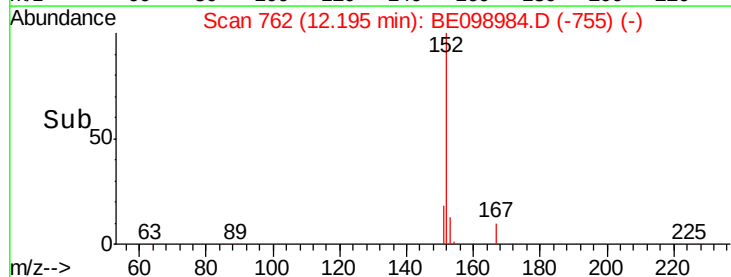
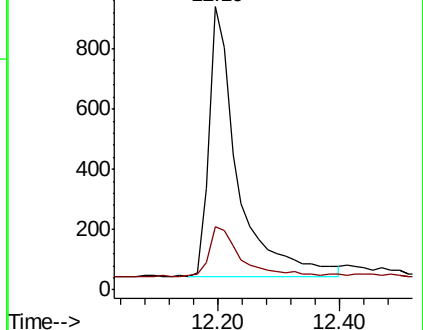
152 100

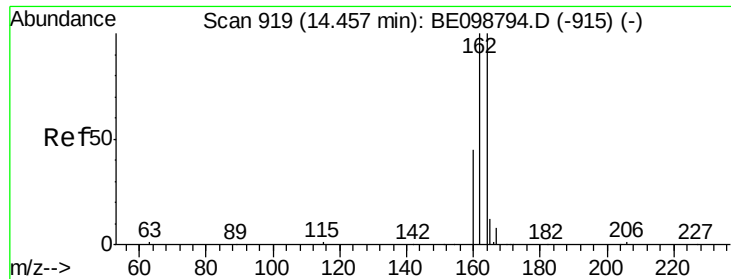
151 21.3 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

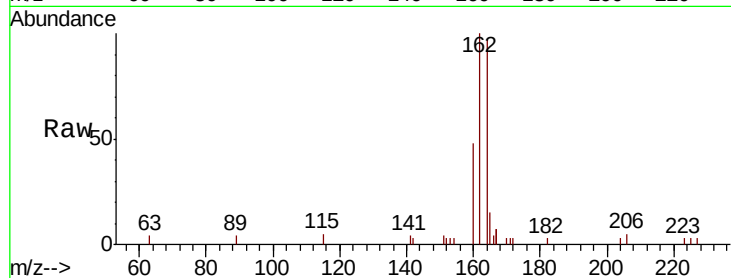




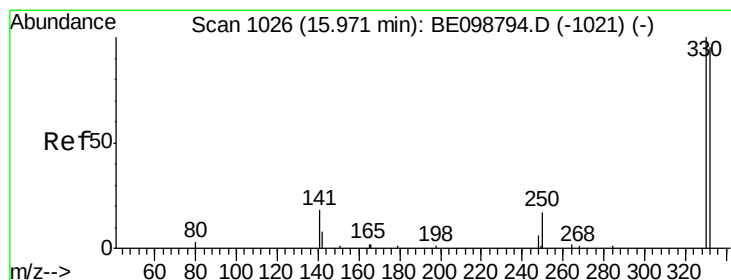
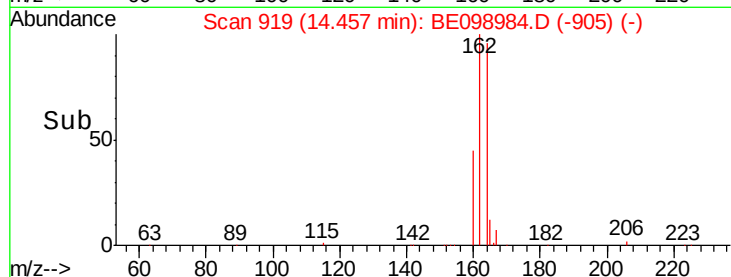
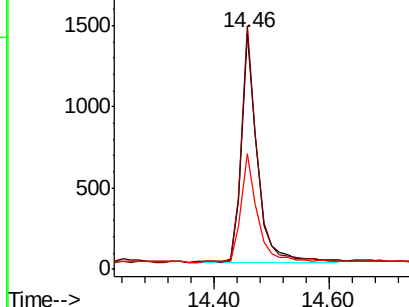
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098984.D
Acq: 15 Mar 2019 23:35

Instrument :
BNA_E
ClientSampleId :
M3-T4-OZ(POST-HYPO)

Tgt Ion:164 Resp: 2698
Ion Ratio Lower Upper
164 100
162 103.2 80.2 120.2
160 49.1 37.8 56.8

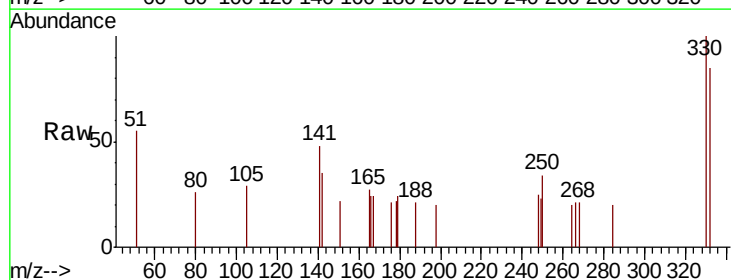


Abundance Ion 164.00 (163.70 to 164.70): E
2000 Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

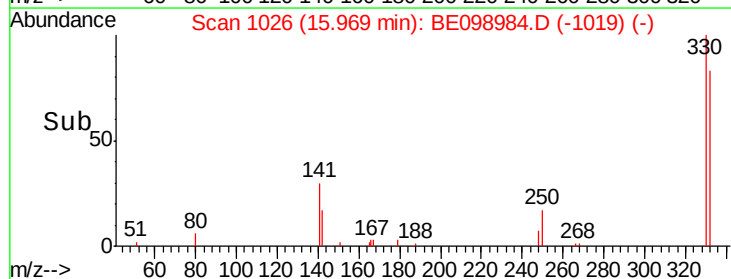
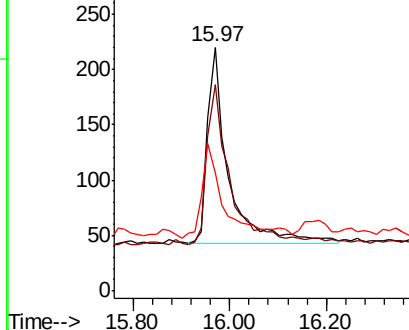


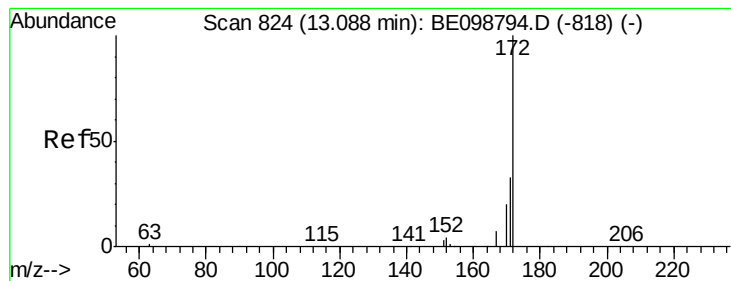
#14
2,4,6-Tribromophenol
Concen: 0.382 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098984.D
Acq: 15 Mar 2019 23:35

Tgt Ion:330 Resp: 520
Ion Ratio Lower Upper
330 100
332 89.2 77.6 116.4
141 50.4 31.0 46.4#



Abundance Ion 330.00 (329.70 to 330.70): E
300 Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.446 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE098984.D

Acq: 15 Mar 2019 23:35

Instrument :

BNA_E

ClientSampleId :

M3-T4-OZ(POST-HYPO)

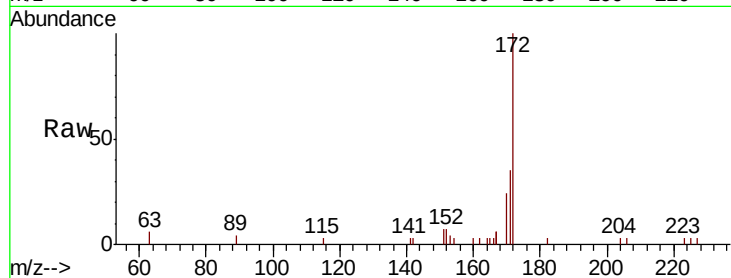
Tgt Ion:172 Resp: 4987

Ion Ratio Lower Upper

172 100

171 34.7 28.0 42.0

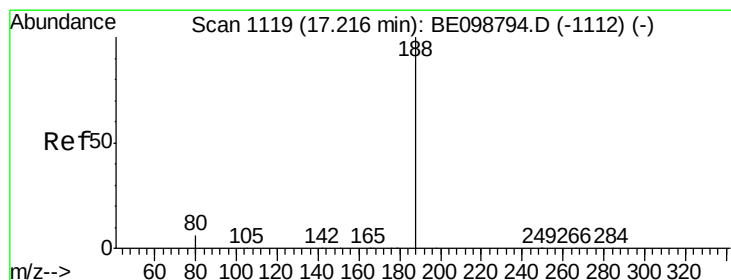
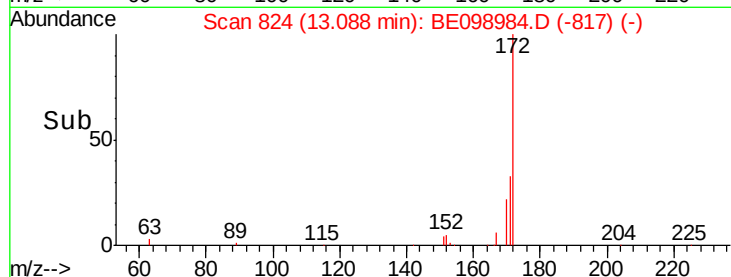
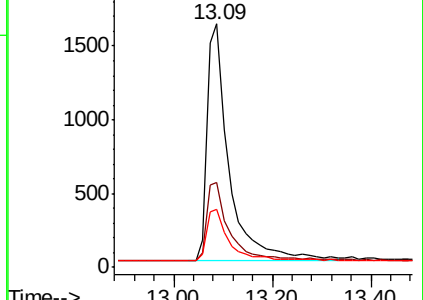
170 23.7 17.7 26.5



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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098984.D

Acq: 15 Mar 2019 23:35

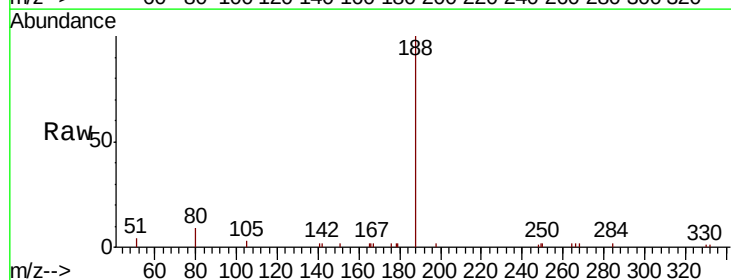
Tgt Ion:188 Resp: 6251

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

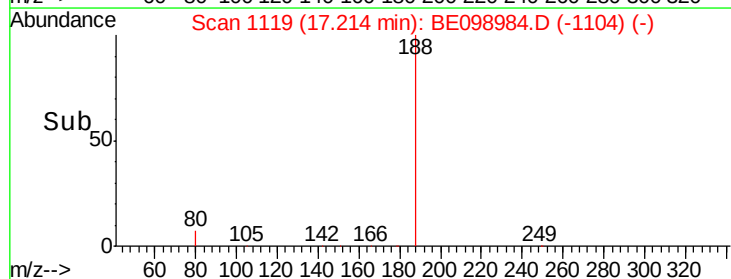
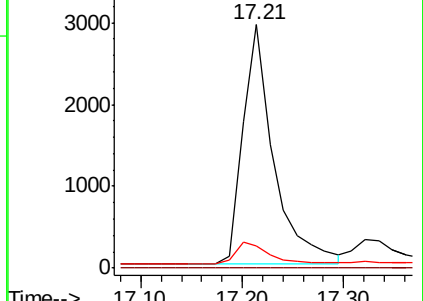
80 9.0 6.3 9.5

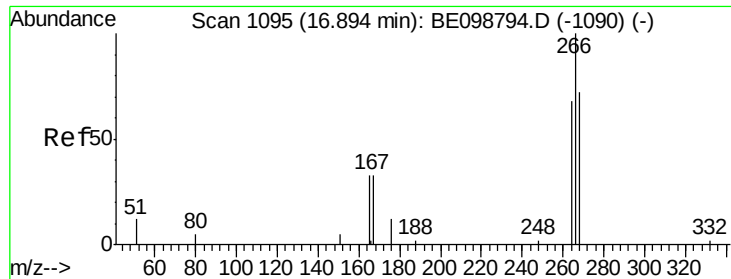


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

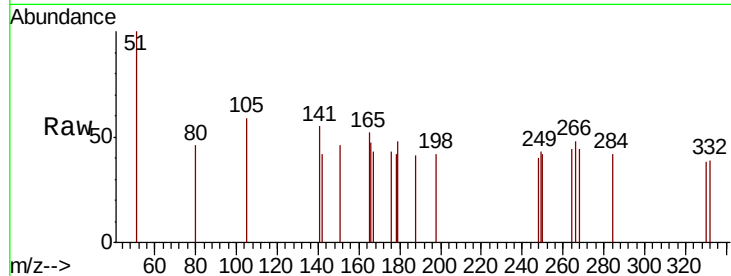




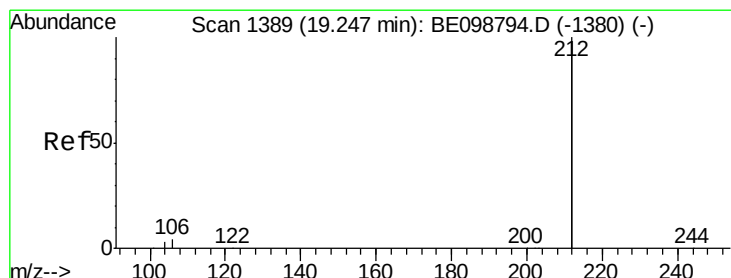
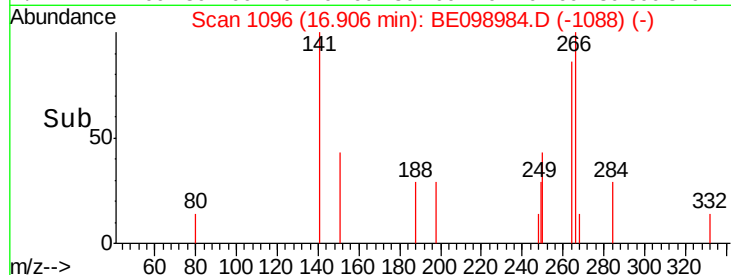
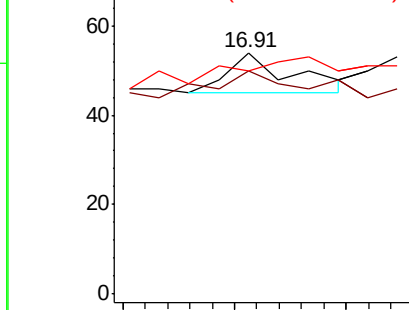
#22
 Pentachlorophenol
 Concen: 0.278 ng
 RT: 16.91 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BE098984.D
 Acq: 15 Mar 2019 23:35

Instrument :
 BNA_E
 ClientSampleId :
 M3-T4-OZ(POST-HYPO)

Tgt Ion: 266 Resp: 18
 Ion Ratio Lower Upper
 266 100
 264 92.6 66.6 100.0
 268 92.6 69.8 104.8

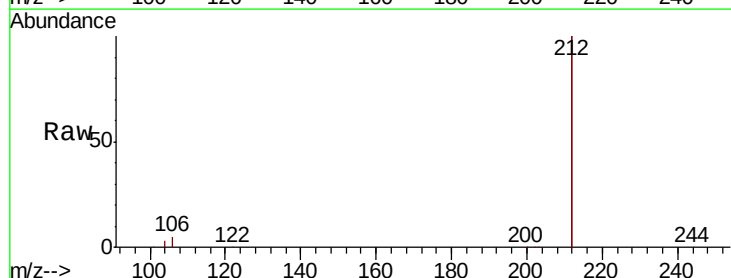


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

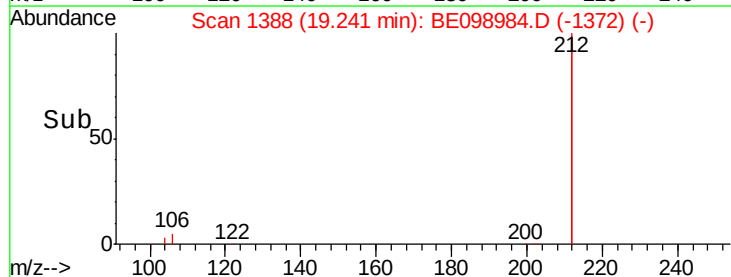
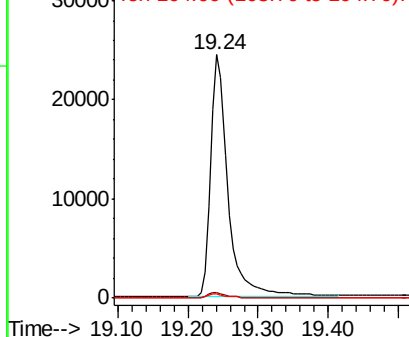


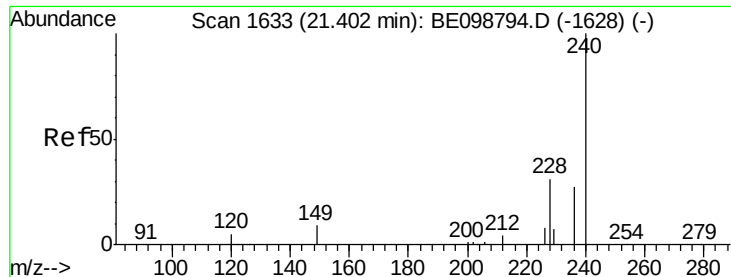
#25
 Fluoranthene-d10
 Concen: 0.416 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BE098984.D
 Acq: 15 Mar 2019 23:35

Tgt Ion: 212 Resp: 41549
 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: BE098984.D

Acq: 15 Mar 2019 23:35

Instrument :

BNA_E

ClientSampleId :

M3-T4-OZ(POST-HYPO)

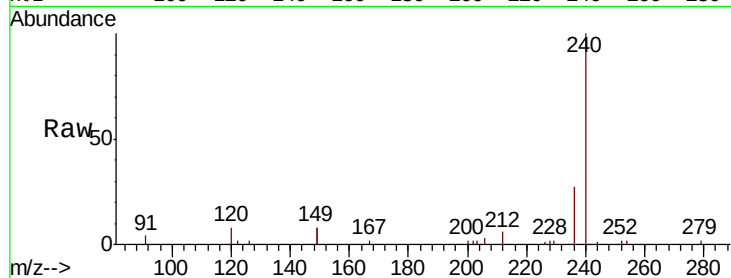
Tgt Ion:240 Resp: 7750

Ion Ratio Lower Upper

240 100

120 7.6 5.0 7.4#

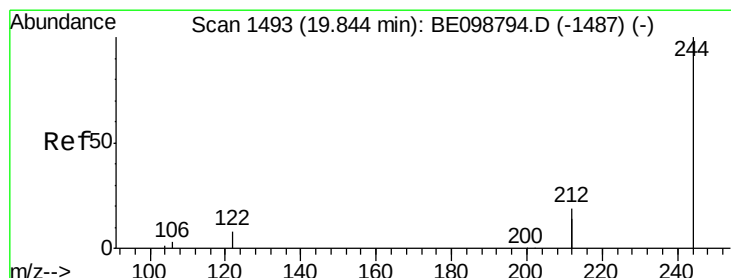
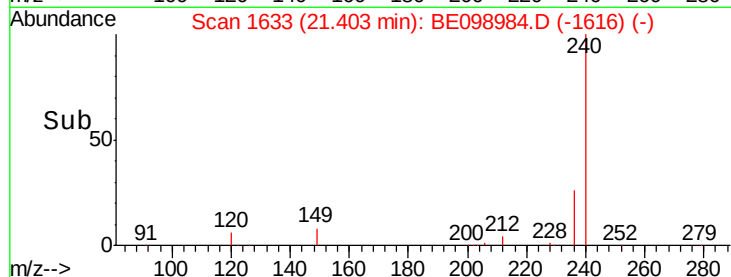
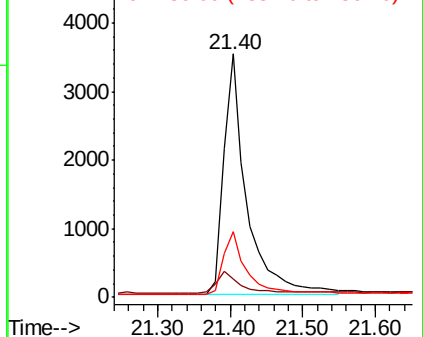
236 26.8 22.7 34.1



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: 0.482 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098984.D

Acq: 15 Mar 2019 23:35

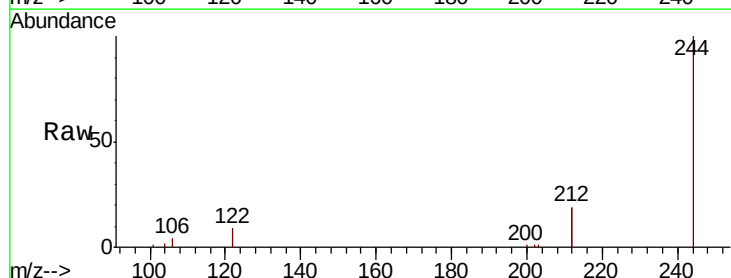
Tgt Ion:244 Resp: 9081

Ion Ratio Lower Upper

244 100

212 37.5 29.4 44.2

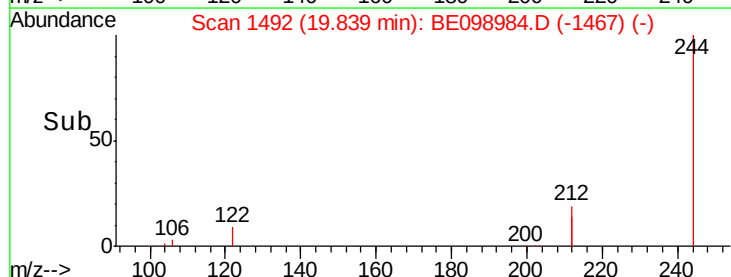
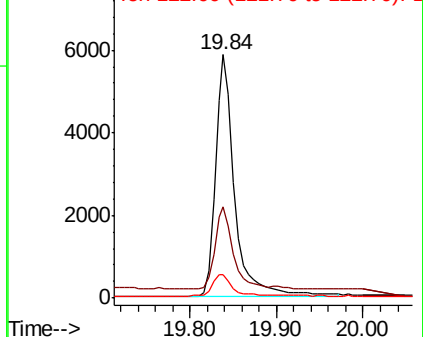
122 9.4 7.1 10.7

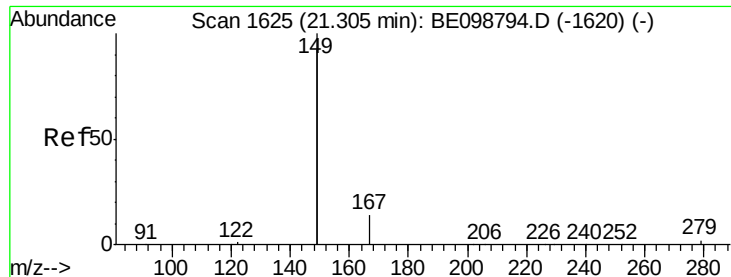


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

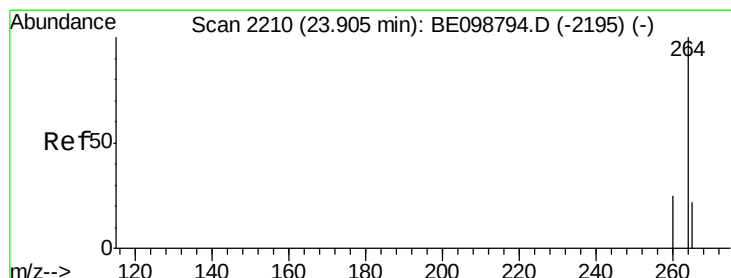
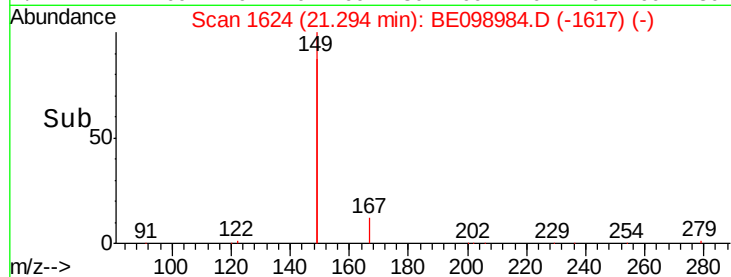
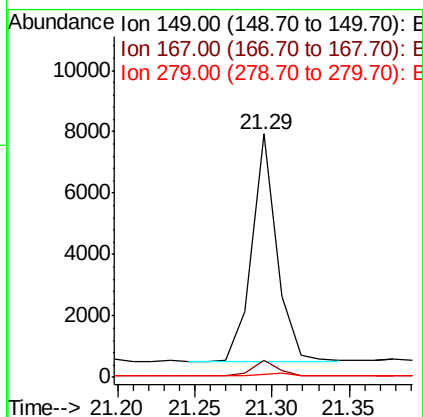
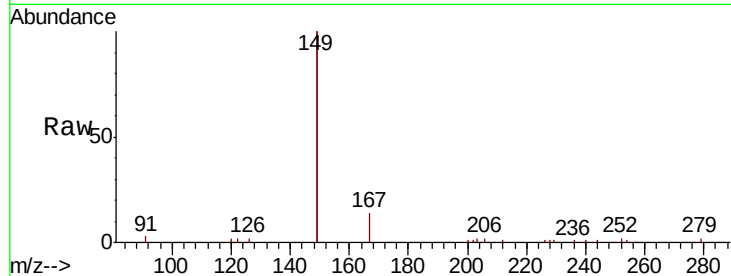




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.161 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE098984.D
 Acq: 15 Mar 2019 23:35

Instrument :
 BNA_E
 ClientSampleId :
 M3-T4-OZ(POST-HYPO)

Tgt Ion:149 Resp: 8310
 Ion Ratio Lower Upper
 149 100
 167 6.7 5.4 8.0
 279 1.2 1.0 1.4



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BE098984.D
 Acq: 15 Mar 2019 23:35

Tgt Ion:264 Resp: 6987
 Ion Ratio Lower Upper
 264 100
 260 27.6 21.2 31.8
 265 29.2 24.6 36.8

