

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031219\
 Data File : BE098902.D
 Acq On : 12 Mar 2019 17:40
 Operator : JU/SJ
 Sample : K1839-06DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT101D-20190307DL

Quant Time: Mar 13 07:45:51 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

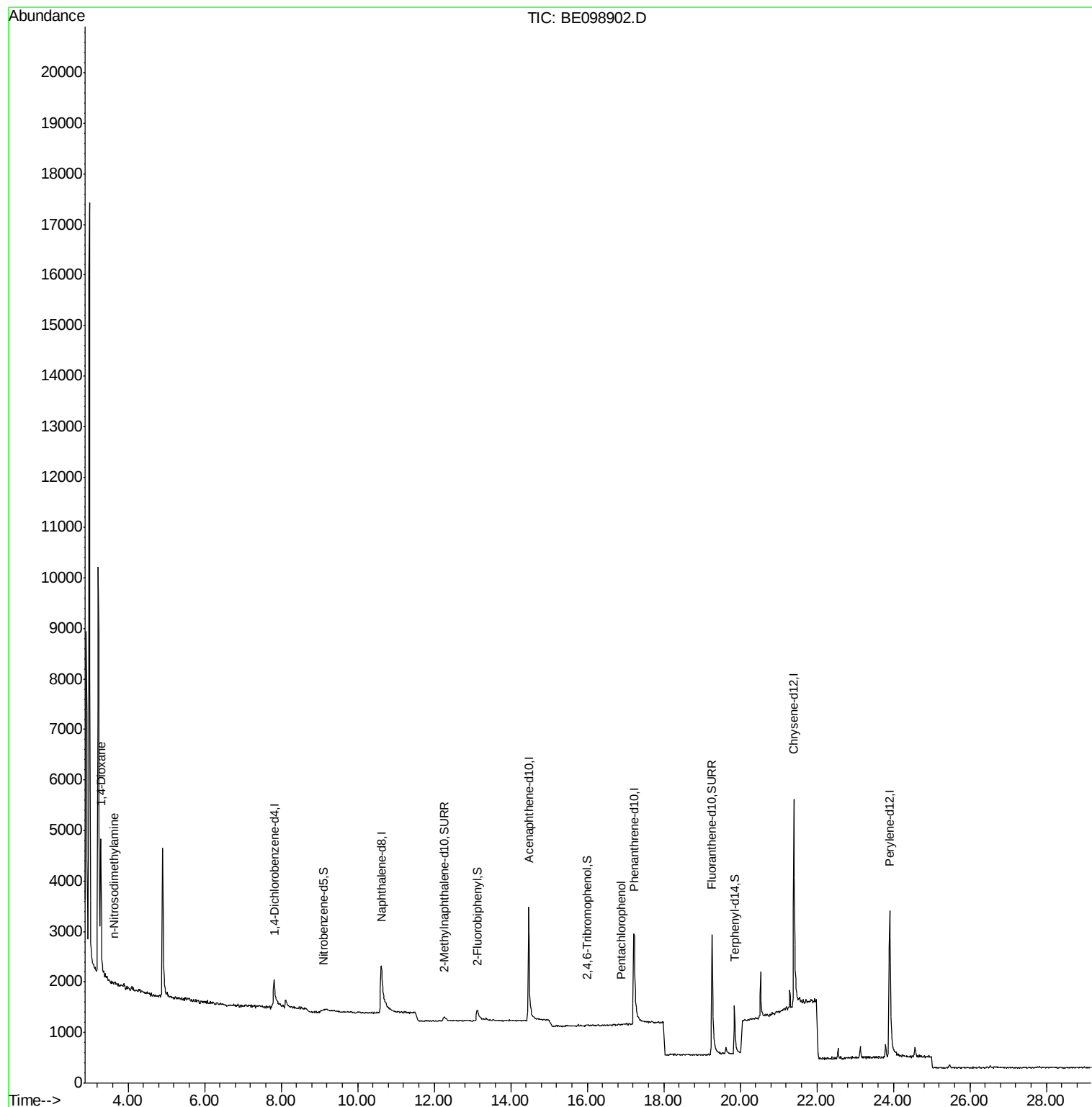
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	562	0.40	ng	0.02
7) Naphthalene-d8	10.61	136	2822	0.40	ng	0.03
13) Acenaphthene-d10	14.47	164	2232	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	5591	0.40	ng	0.01
27) Chrysene-d12	21.40	240	6491	0.40	ng	0.00
34) Perylene-d12	23.90	264	6307	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	23	0.01	ng	0.06
5) Phenol-d6	7.03	99	1	0.00	ng	0.05
8) Nitrobenzene-d5	9.09	82	66	0.02	ng	0.13
11) 2-Methylnaphthalene-d10	12.27	152	334	0.06	ng	0.07
14) 2,4,6-Tribromophenol	16.00	330	42	0.04	ng	0.03
15) 2-Fluorobiphenyl	13.13	172	673	0.07	ng	0.04
25) Fluoranthene-d10	19.26	212	5941	0.07	ng	0.01
29) Terphenyl-d14	19.85	244	1366	0.09	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	1664	1.819	ng	99
3) n-Nitrosodimethylamine	3.62	42	71	0.050	ng	# 40
22) Pentachlorophenol	16.88	266	6	0.269	ng	91

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031219\
Data File : BE098902.D
Acq On : 12 Mar 2019 17:40
Operator : JU/SJ
Sample : K1839-06DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
TT101D-20190307DL

Quant Time: Mar 13 07:45:51 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

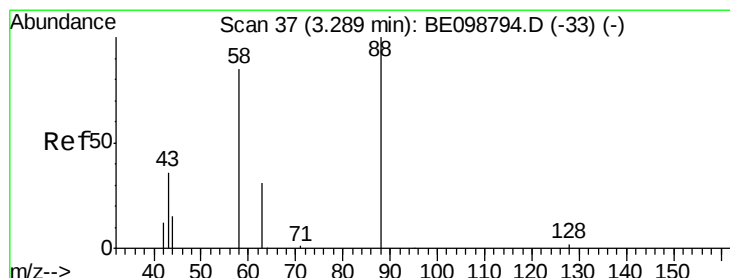
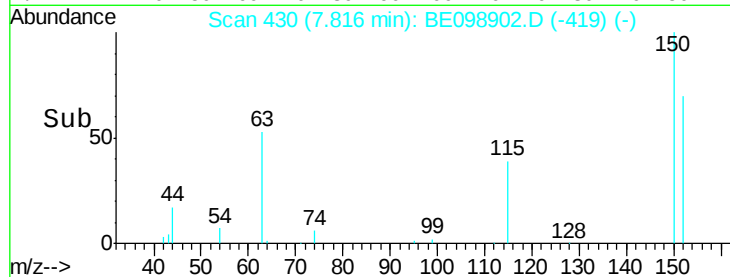
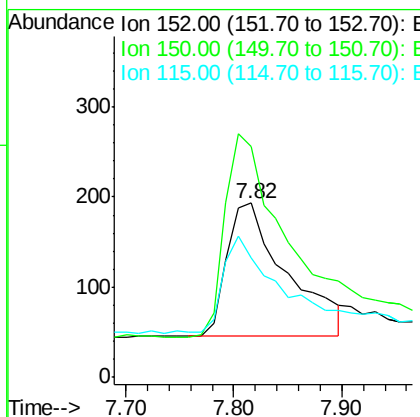
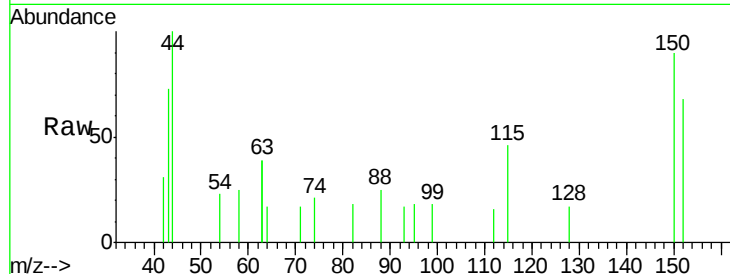




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.82 min Scan# 430
 Delta R.T. 0.02 min
 Lab File: BE098902.D
 Acq: 12 Mar 2019 17:40

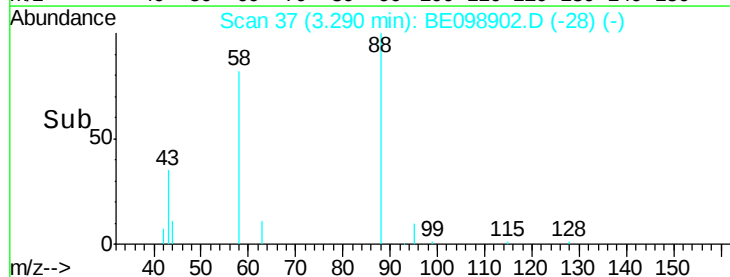
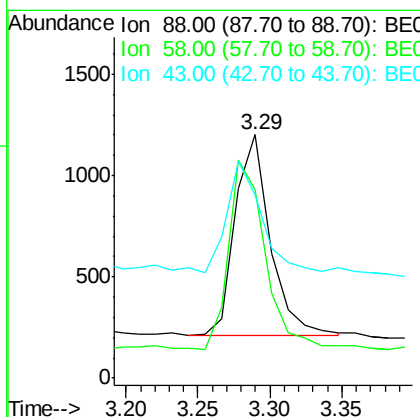
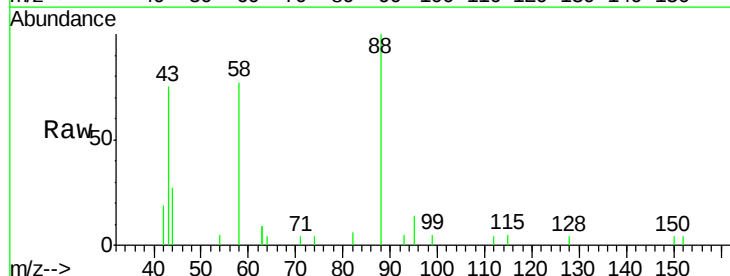
Instrument :
 BNA_E
 ClientSampleId :
 TT101D-20190307DL

Tgt Ion:152 Resp: 562
 Ion Ratio Lower Upper
 152 100
 150 132.6 122.5 183.7
 115 68.4 57.4 86.2



#2
 1,4-Dioxane
 Concen: 1.819 ng
 RT: 3.29 min Scan# 37
 Delta R.T. 0.00 min
 Lab File: BE098902.D
 Acq: 12 Mar 2019 17:40

Tgt Ion: 88 Resp: 1664
 Ion Ratio Lower Upper
 88 100
 58 95.8 75.8 113.6
 43 53.2 41.8 62.8





#3

n-Nitrosodimethylamine

Concen: 0.050 ng

RT: 3.62 min Scan# 66

Delta R.T. 0.00 min

Lab File: BE098902.D

Acq: 12 Mar 2019 17:40

Instrument :

BNA_E

ClientSampleId :

TT101D-20190307DL

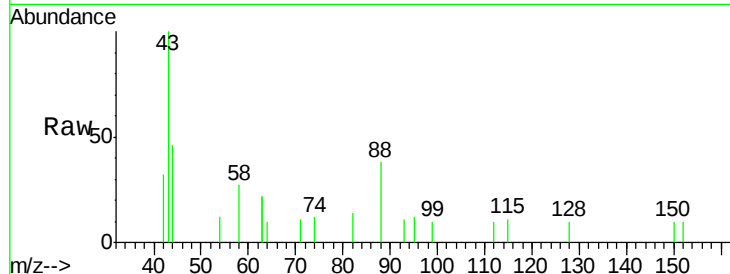
Tgt Ion: 42 Resp: 71

Ion Ratio Lower Upper

42 100

74 21.1 57.0 85.4#

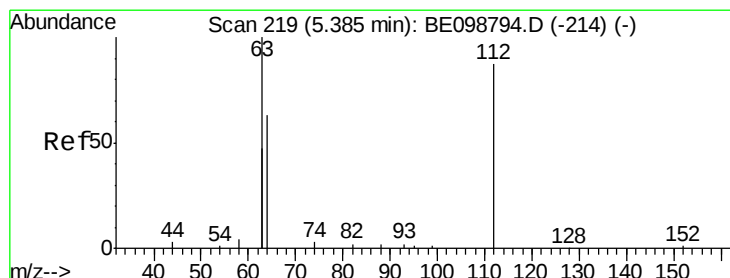
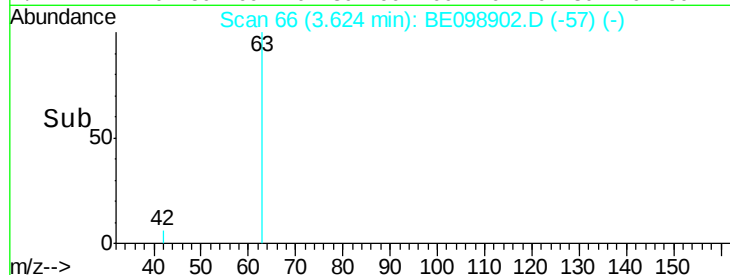
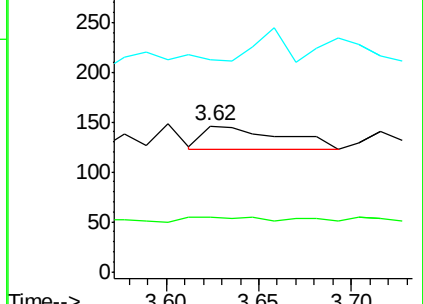
44 0.0 0.0 0.0



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: 0.014 ng

RT: 5.44 min Scan# 224

Delta R.T. 0.06 min

Lab File: BE098902.D

Acq: 12 Mar 2019 17:40

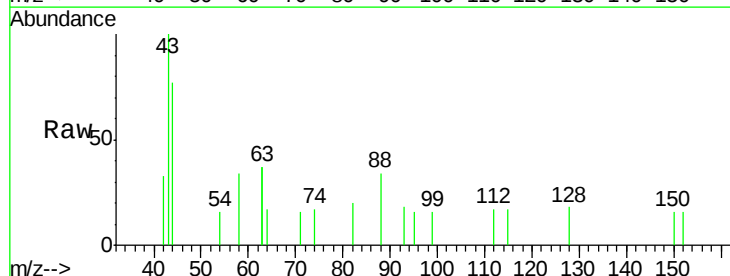
Tgt Ion: 112 Resp: 23

Ion Ratio Lower Upper

112 100

64 0.0 57.9 86.9#

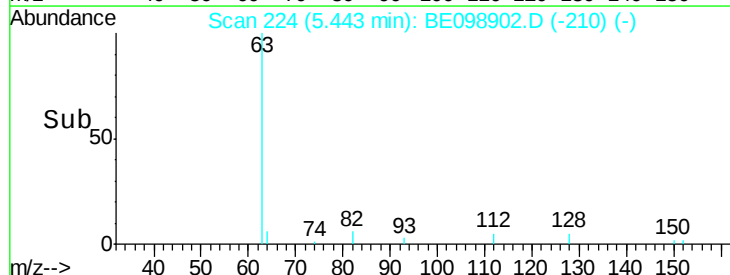
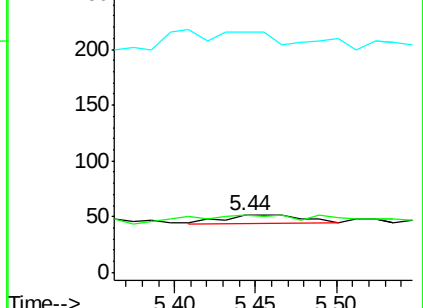
63 173.9 158.3 237.5



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: 0.000 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.05 min

Lab File: BE098902.D

Acq: 12 Mar 2019 17:40

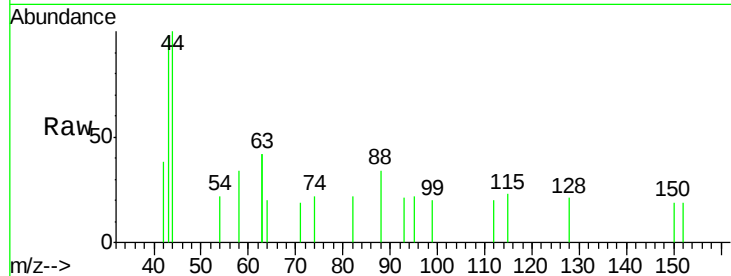
Instrument :

BNA_E

ClientSampleId :

TT101D-20190307DL

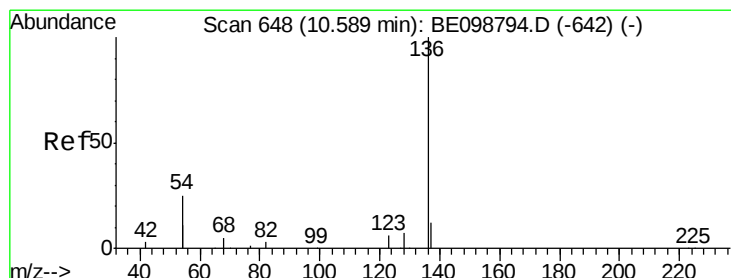
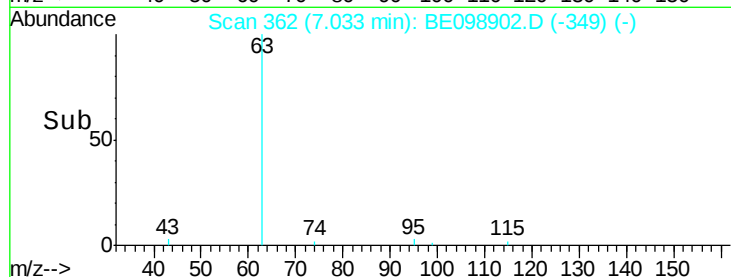
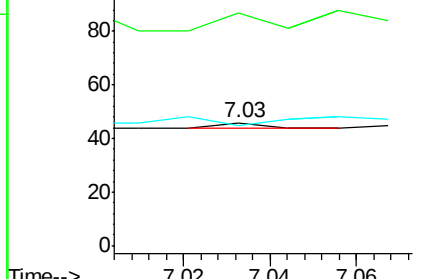
Tgt Ion:	99	Resp:	1
Ion	Ratio	Lower	Upper
99	100		
42	0.0	24.2	36.2#
71	200.0	35.7	53.5#



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

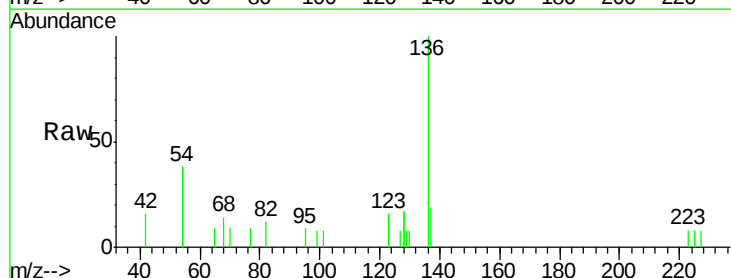
RT: 10.61 min Scan# 650

Delta R.T. 0.03 min

Lab File: BE098902.D

Acq: 12 Mar 2019 17:40

Tgt Ion:	136	Resp:	2822
Ion	Ratio	Lower	Upper
136	100		
137	18.5	11.4	17.0#
54	76.6	39.3	58.9#
68	14.0	6.7	10.1#

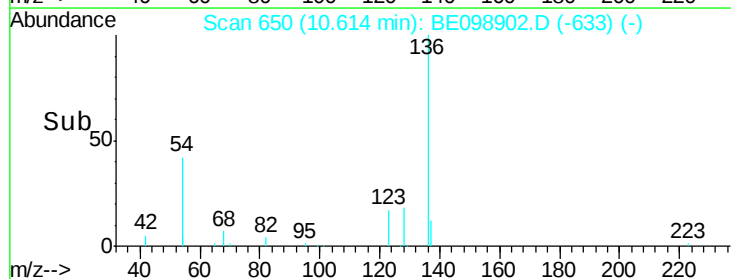
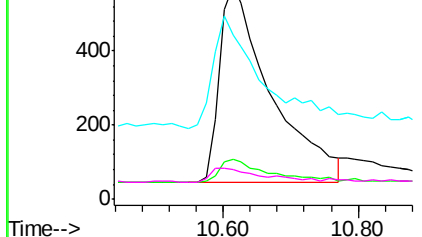


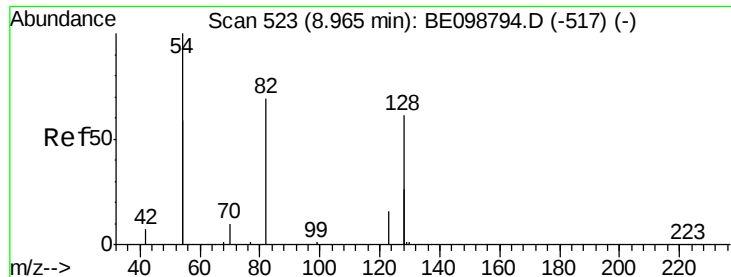
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.022 ng

RT: 9.09 min Scan# 533

Delta R.T. 0.13 min

Lab File: BE098902.D

Acq: 12 Mar 2019 17:40

Instrument :

BNA_E

ClientSampleId :

TT101D-20190307DL

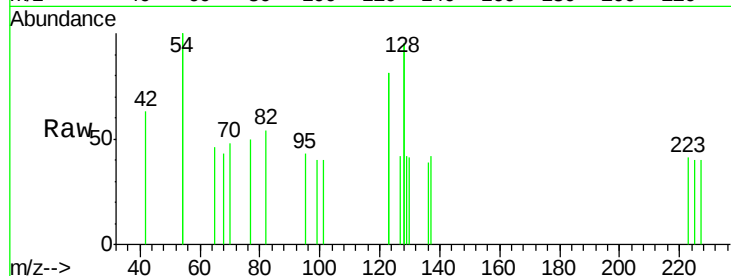
Tgt Ion: 82 Resp: 66

Ion Ratio Lower Upper

82 100

128 350.0 123.8 185.8#

54 370.0 203.4 305.2#

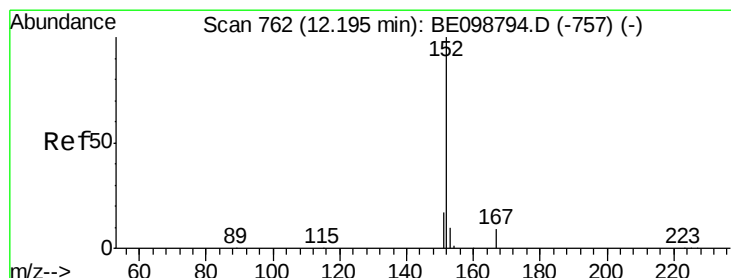
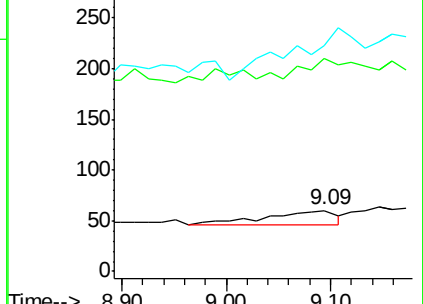
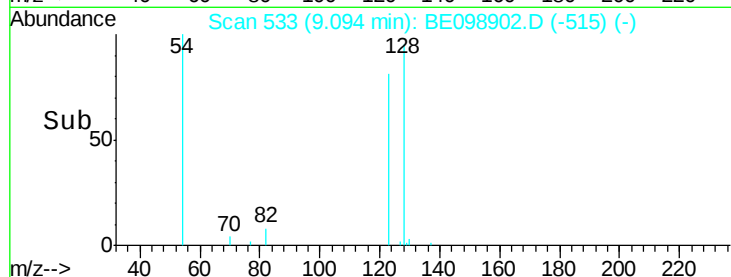


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.064 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.07 min

Lab File: BE098902.D

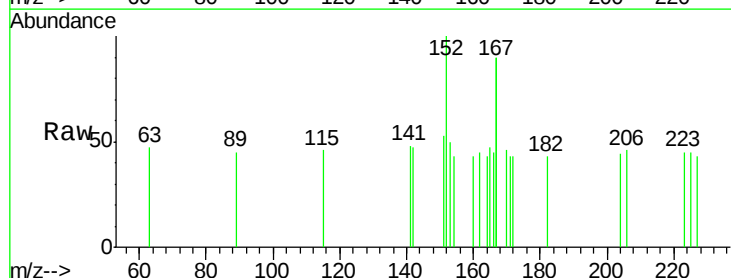
Acq: 12 Mar 2019 17:40

Tgt Ion: 152 Resp: 334

Ion Ratio Lower Upper

152 100

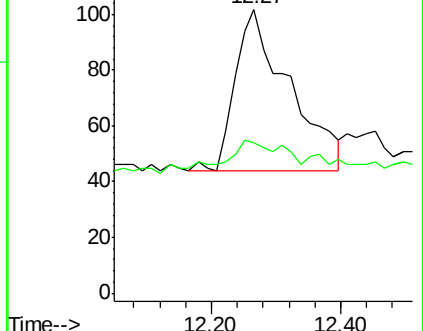
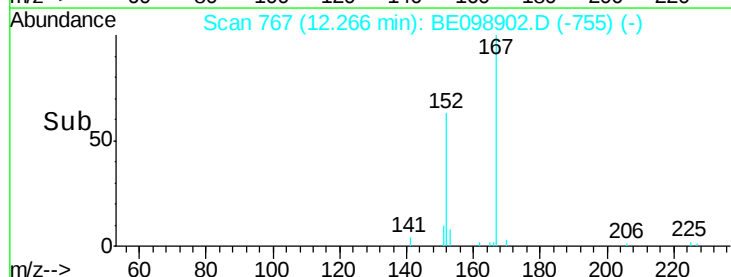
151 15.0 16.5 24.7#

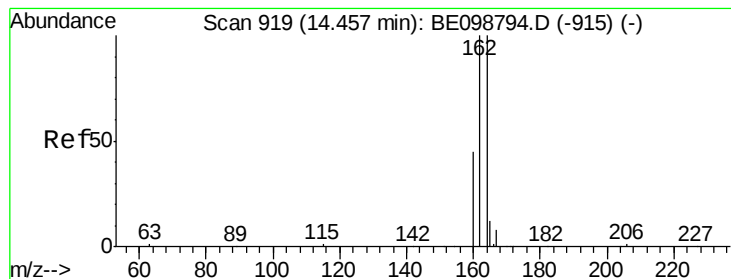


Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.01 min

Lab File: BE098902.D

Acq: 12 Mar 2019 17:40

Instrument :

BNA_E

ClientSampleId :

TT101D-20190307DL

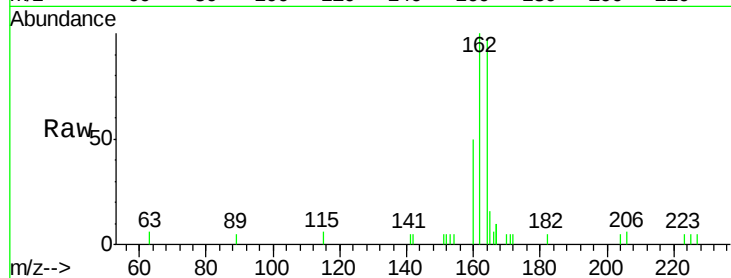
Tgt Ion:164 Resp: 2232

Ion Ratio Lower Upper

164 100

162 103.0 80.2 120.2

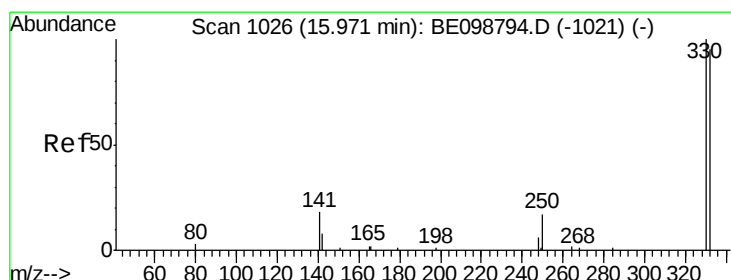
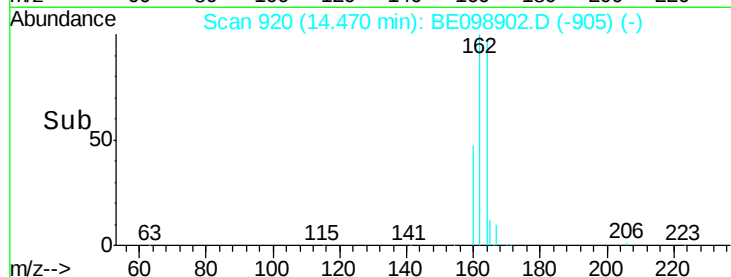
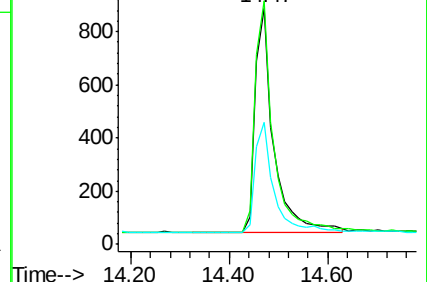
160 51.5 37.8 56.8



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: 0.037 ng

RT: 16.00 min Scan# 1028

Delta R.T. 0.03 min

Lab File: BE098902.D

Acq: 12 Mar 2019 17:40

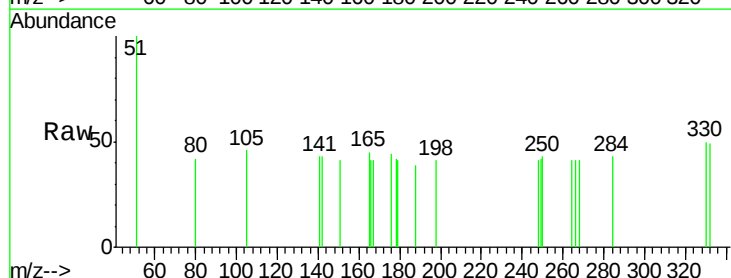
Tgt Ion:330 Resp: 42

Ion Ratio Lower Upper

330 100

332 131.0 77.6 116.4#

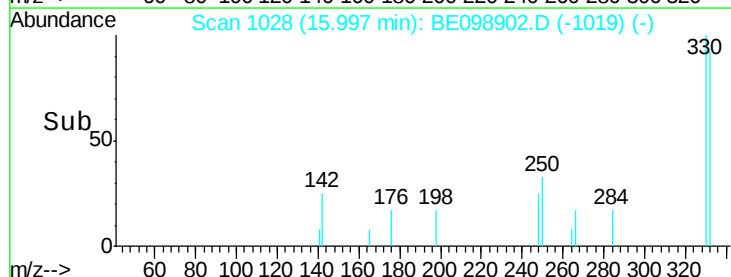
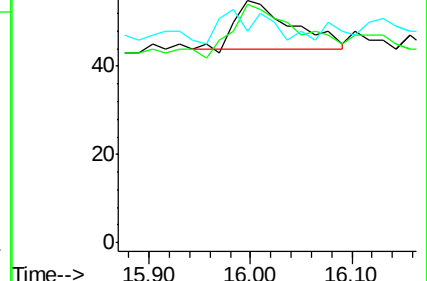
141 64.3 31.0 46.4#

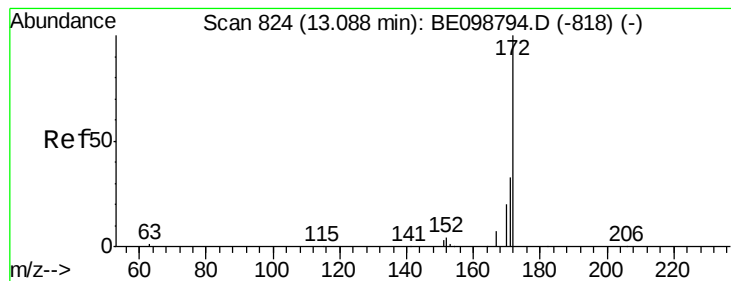


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.073 ng

RT: 13.13 min Scan# 827

Delta R.T. 0.04 min

Lab File: BE098902.D

Acq: 12 Mar 2019 17:40

Instrument :

BNA_E

ClientSampleId :

TT101D-20190307DL

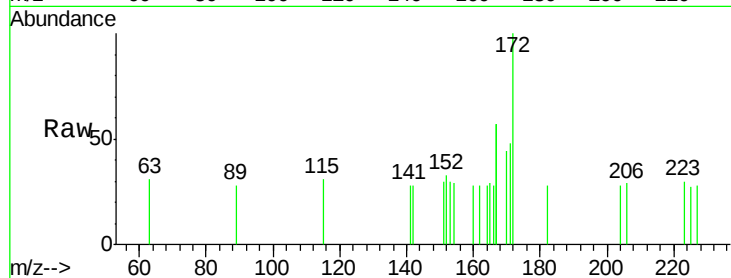
Tgt Ion:172 Resp: 673

Ion Ratio Lower Upper

172 100

171 48.1 28.0 42.0#

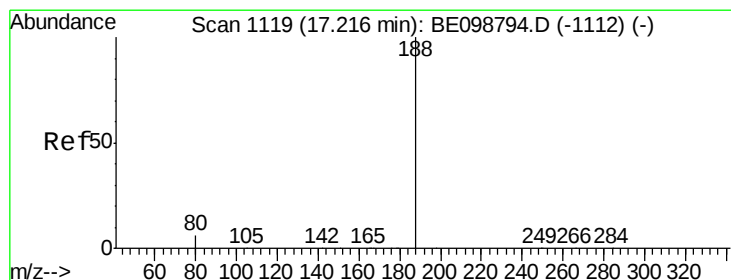
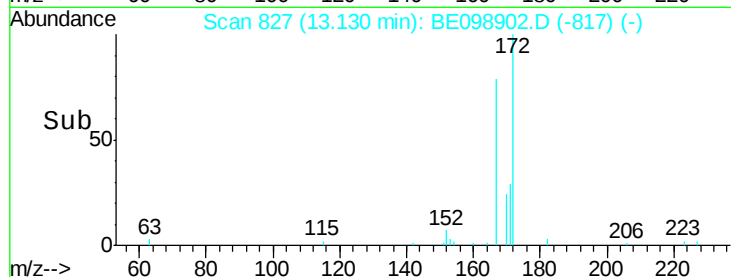
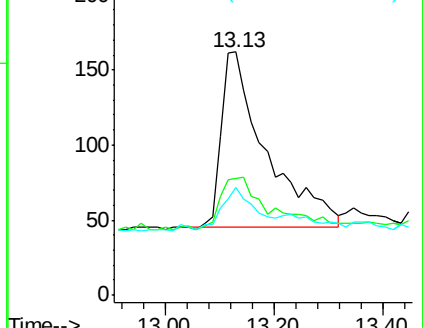
170 44.4 17.7 26.5#



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: 17.23 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BE098902.D

Acq: 12 Mar 2019 17:40

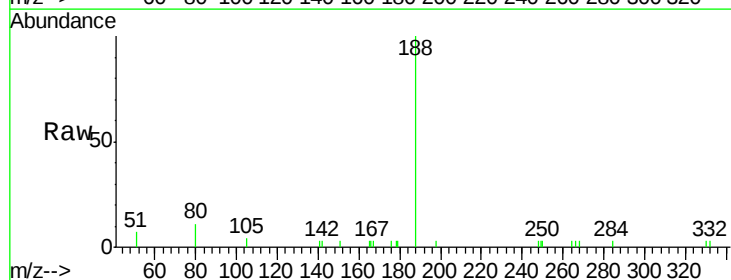
Tgt Ion:188 Resp: 5591

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

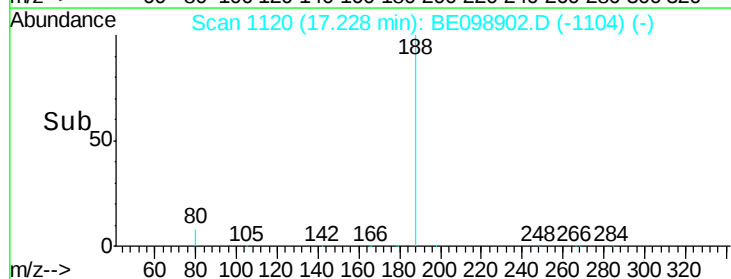
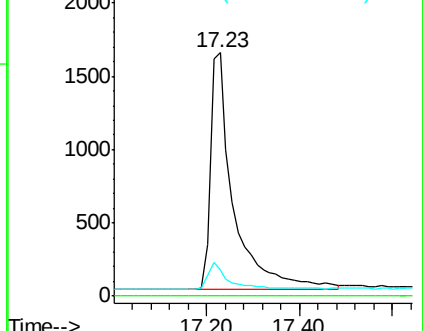
80 10.8 6.3 9.5#

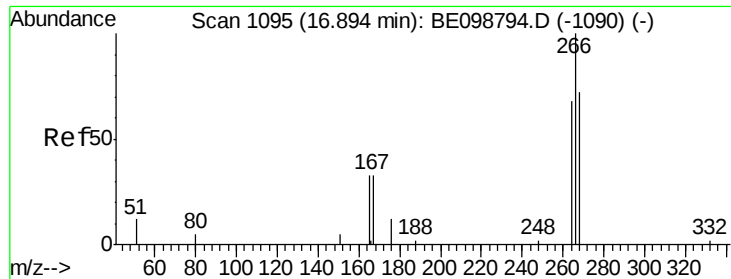


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

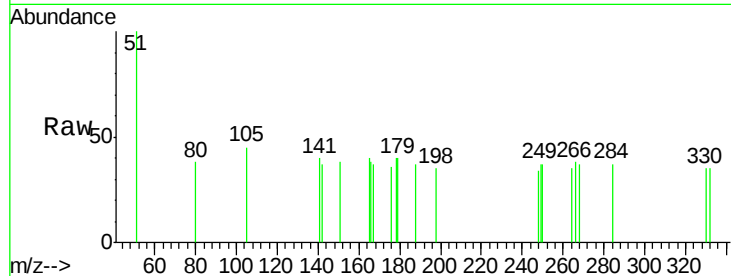




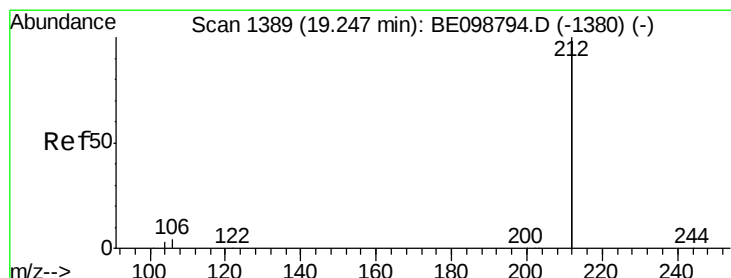
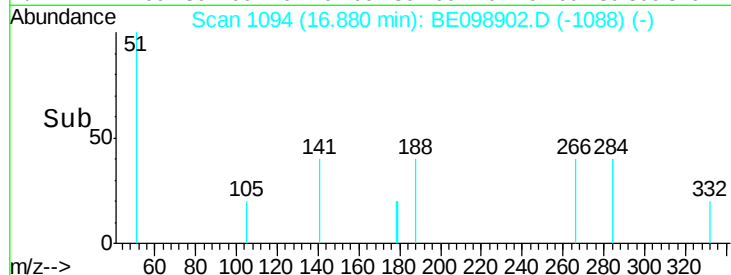
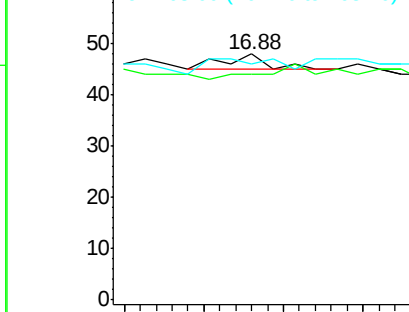
#22
 Pentachlorophenol
 Concen: 0.269 ng
 RT: 16.88 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BE098902.D
 Acq: 12 Mar 2019 17:40

Instrument :
 BNA_E
 ClientSampleId :
 TT101D-20190307DL

Tgt Ion: 266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 264 91.7 66.6 100.0
 268 95.8 69.8 104.8

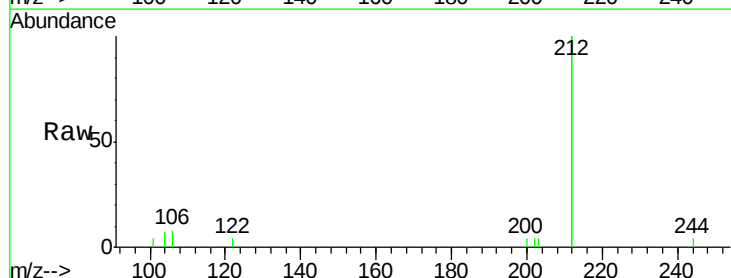


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

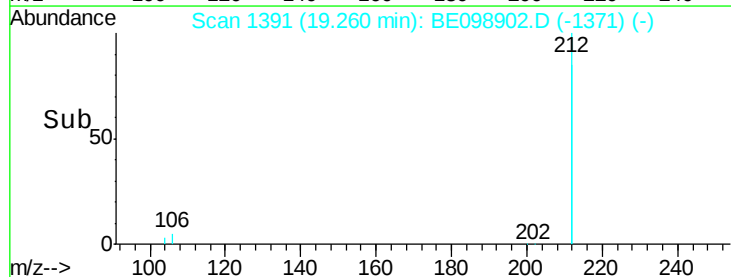
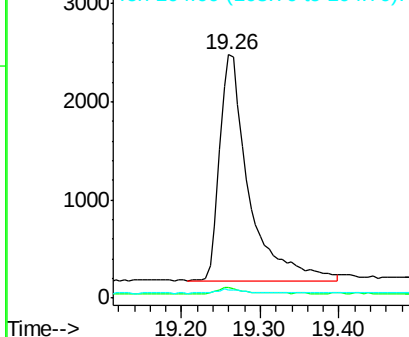


#25
 Fluoranthene-d10
 Concen: 0.067 ng
 RT: 19.26 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BE098902.D
 Acq: 12 Mar 2019 17:40

Tgt Ion: 212 Resp: 5941
 Ion Ratio Lower Upper
 212 100
 106 2.4 1.8 2.8
 104 1.9 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: BE098902.D

Acq: 12 Mar 2019 17:40

Instrument :

BNA_E

ClientSampleId :

TT101D-20190307DL

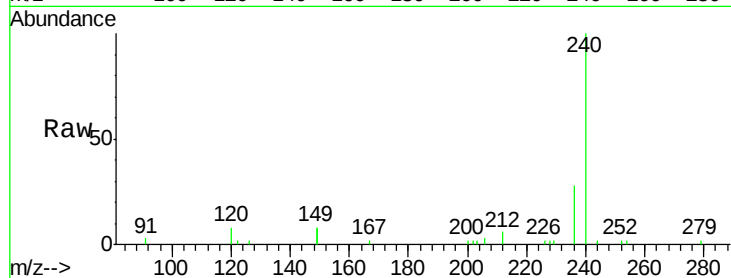
Tgt Ion:240 Resp: 6491

Ion Ratio Lower Upper

240 100

120 8.5 5.0 7.4#

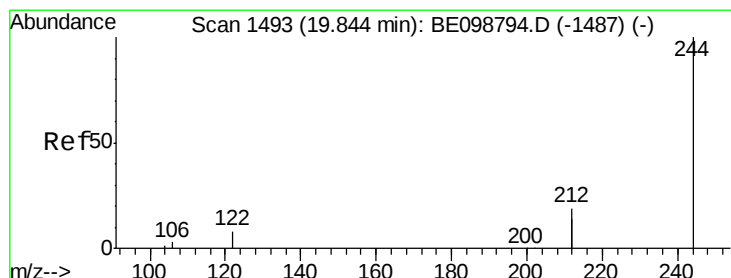
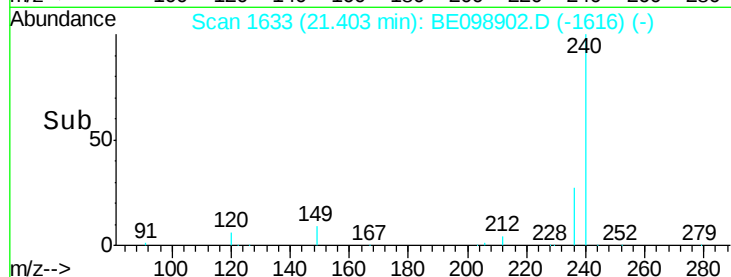
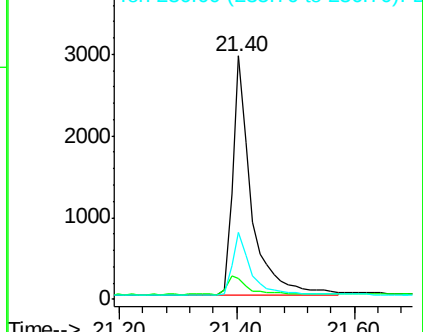
236 27.7 22.7 34.1



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: 0.087 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BE098902.D

Acq: 12 Mar 2019 17:40

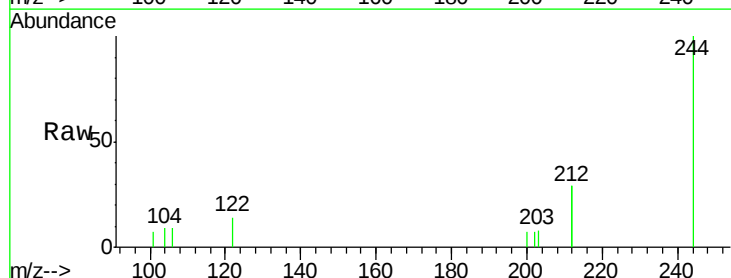
Tgt Ion:244 Resp: 1366

Ion Ratio Lower Upper

244 100

212 57.5 29.4 44.2#

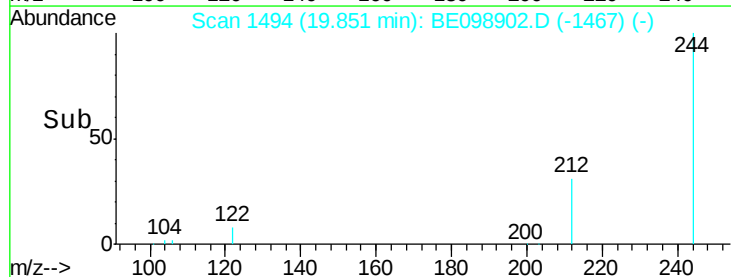
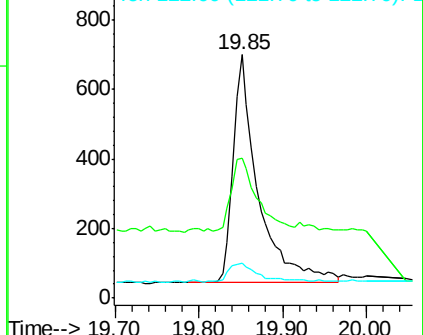
122 14.2 7.1 10.7#



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





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BE098902.D
Acq: 12 Mar 2019 17:40

Instrument :
BNA_E
ClientSampleId :
TT101D-20190307DL

Tgt Ion: 264 Resp: 6307
Ion Ratio Lower Upper
264 100
260 25.7 21.2 31.8
265 28.8 24.6 36.8

