

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031519\
 Data File : BE098989.D
 Acq On : 16 Mar 2019 4:18
 Operator : JU/SJ
 Sample : K1912-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M3-T2-UV(POST)

Quant Time: Mar 16 05:42:42 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	780	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3258	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2324	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5265	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6570	0.40	ng	0.00
34) Perylene-d12	23.90	264	5717	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	299	0.13	ng	0.03
5) Phenol-d6	6.99	99	291	0.09	ng	0.00
8) Nitrobenzene-d5	9.00	82	1272	0.37	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2477	0.41	ng	0.02
14) 2,4,6-Tribromophenol	15.97	330	312	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4138	0.43	ng	0.00
25) Fluoranthene-d10	19.24	212	35637	0.42	ng	0.00
29) Terphenyl-d14	19.84	244	7096	0.44	ng	0.00

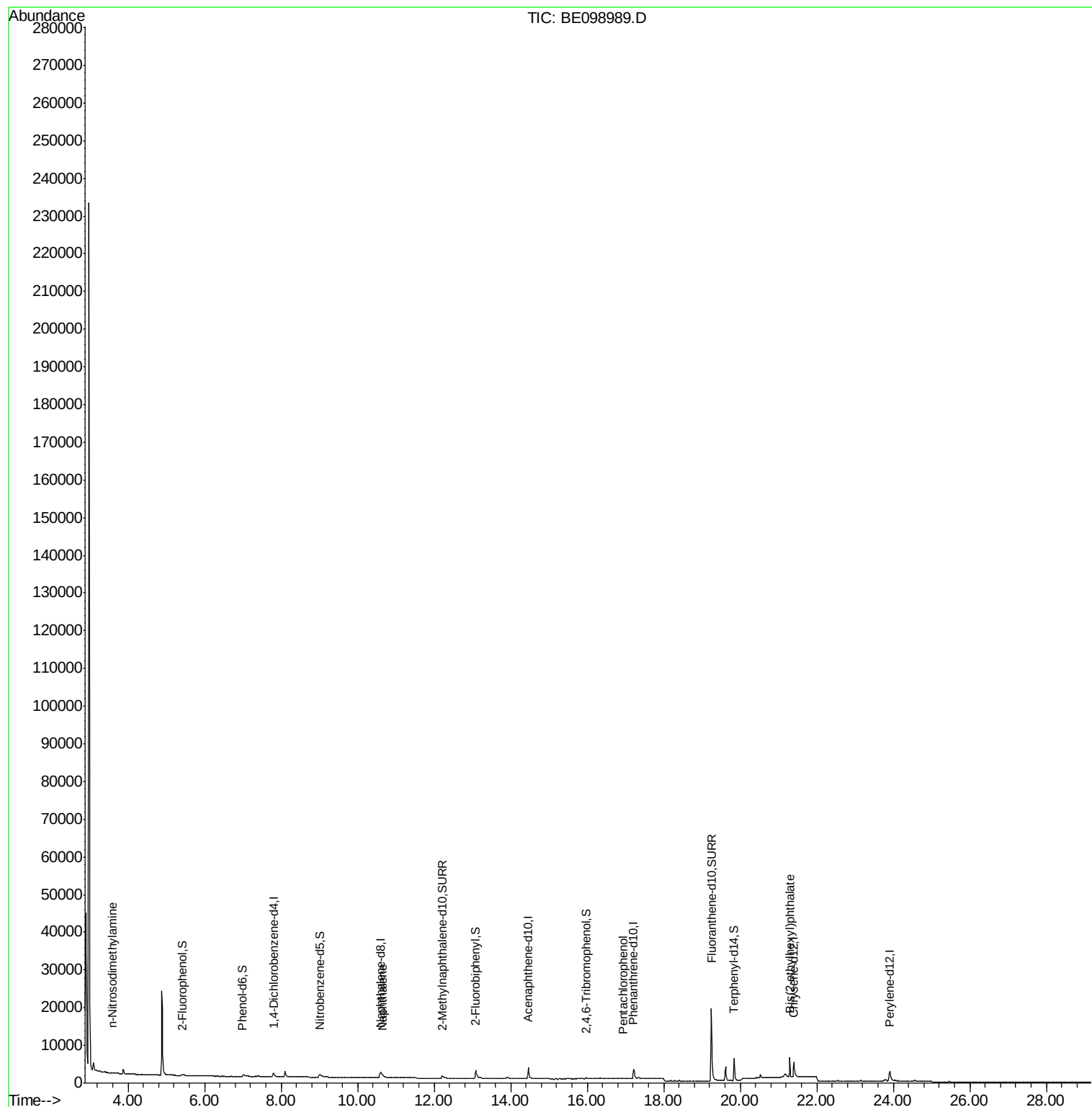
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	36	Below Cal		# 11
3) n-Nitrosodimethylamine	3.59	42	95	0.048	ng	# 22
9) Naphthalene	10.65	128	1564	0.042	ng	# 78
22) Pentachlorophenol	16.95	266	11	0.274	ng	# 86
32) Bis(2-ethylhexyl)phthalate	21.29	149	5570	0.128	ng	# 99

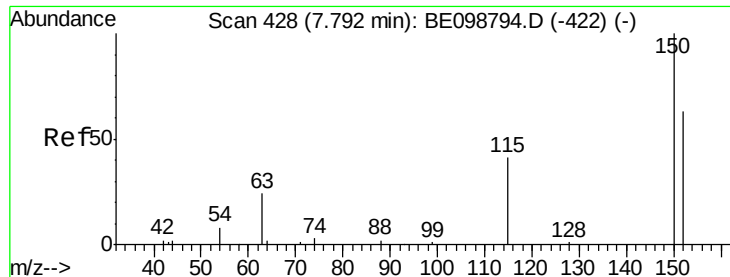
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE098989.D

Acq: 16 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

M3-T2-UV(POST)

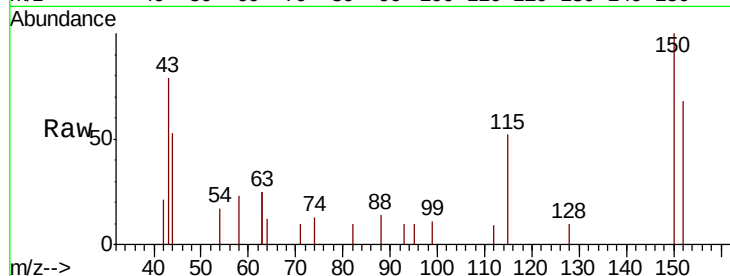
Tgt Ion:152 Resp: 780

Ion Ratio Lower Upper

152 100

150 147.1 122.5 183.7

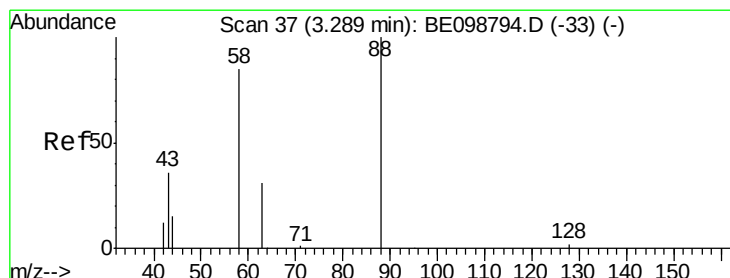
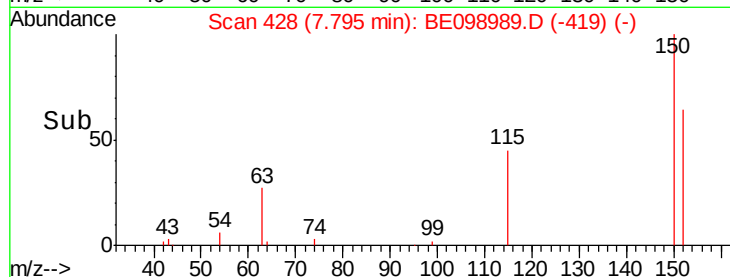
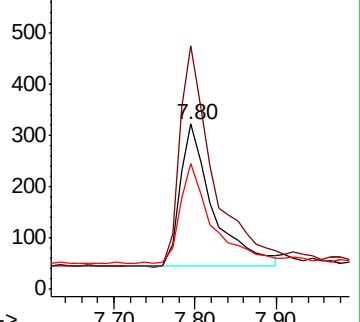
115 75.9 57.4 86.2



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: Below Cal

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE098989.D

Acq: 16 Mar 2019 4:18

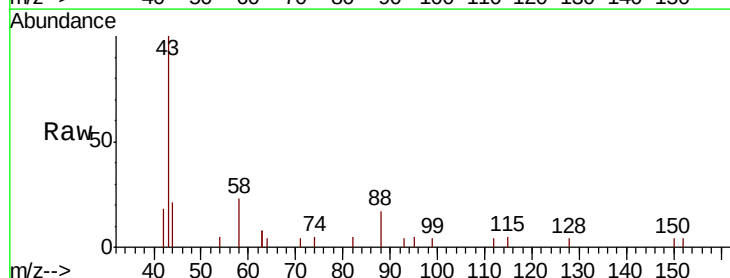
Tgt Ion: 88 Resp: 36

Ion Ratio Lower Upper

88 100

58 0.0 75.8 113.6#

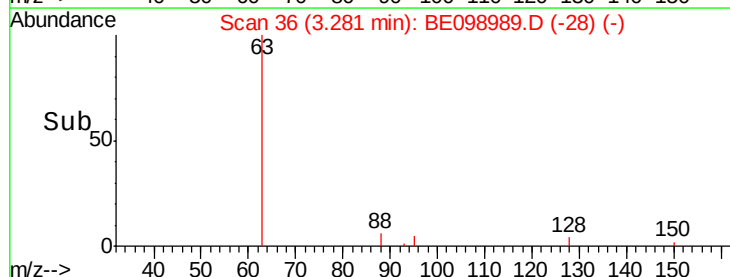
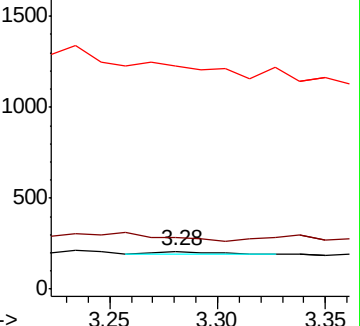
43 0.0 41.8 62.8#

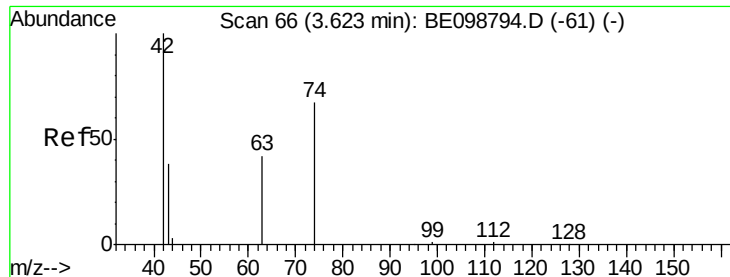


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.048 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.03 min

Lab File: BE098989.D

Acq: 16 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

M3-T2-UV(POST)

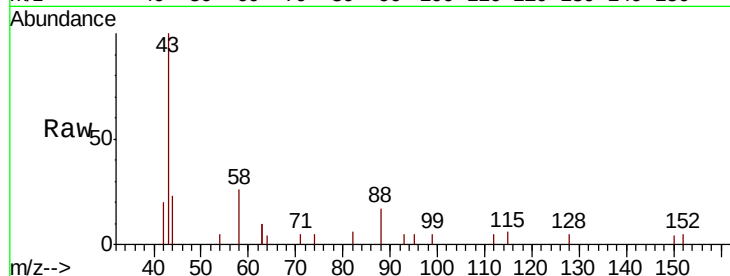
Tgt Ion: 42 Resp: 95

Ion Ratio Lower Upper

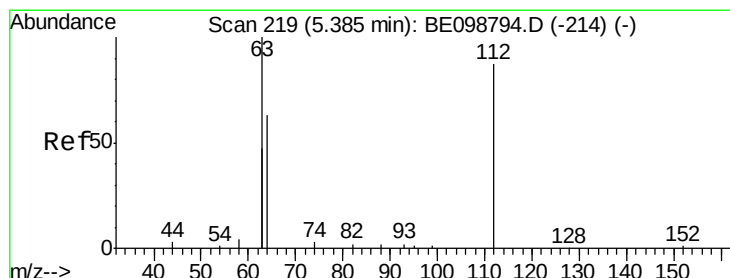
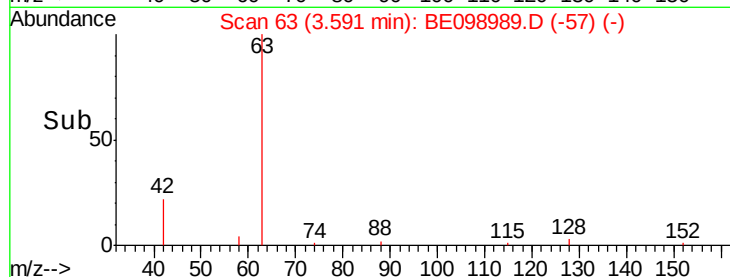
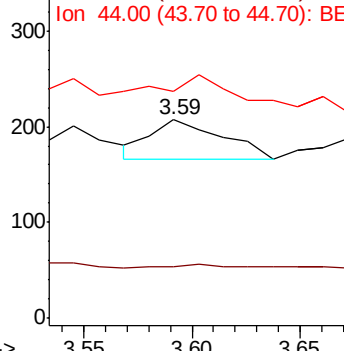
42 100

74 6.3 57.0 85.4#

44 73.7 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: 0.128 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.03 min

Lab File: BE098989.D

Acq: 16 Mar 2019 4:18

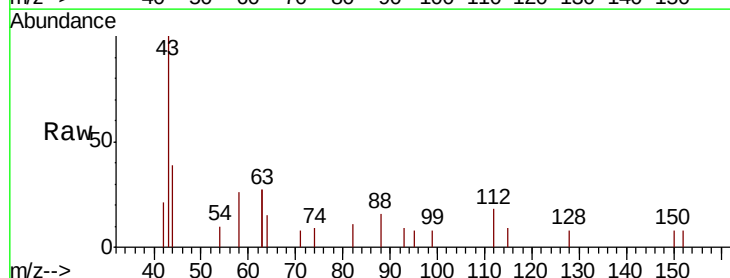
Tgt Ion: 112 Resp: 299

Ion Ratio Lower Upper

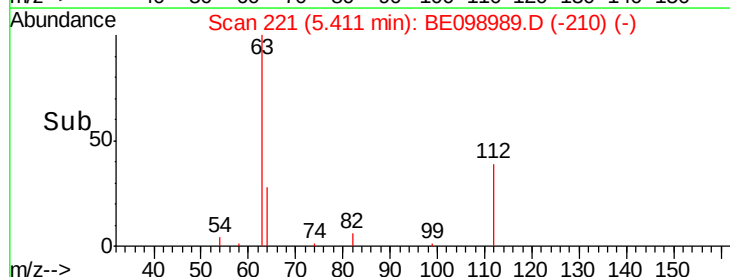
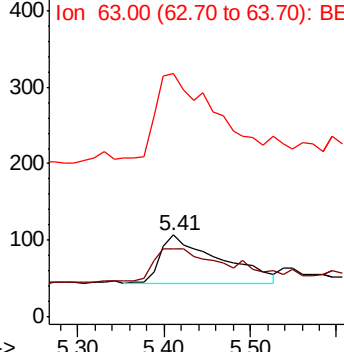
112 100

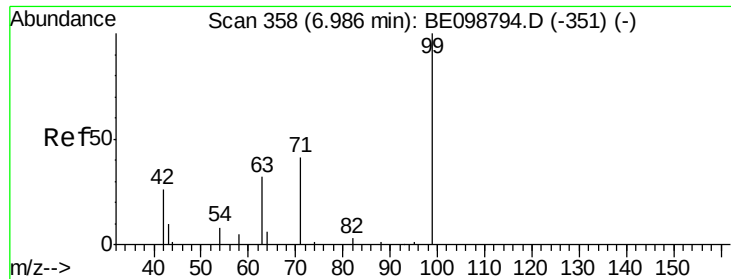
64 94.3 57.9 86.9#

63 170.2 158.3 237.5



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: 0.088 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098989.D

Acq: 16 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

M3-T2-UV(POST)

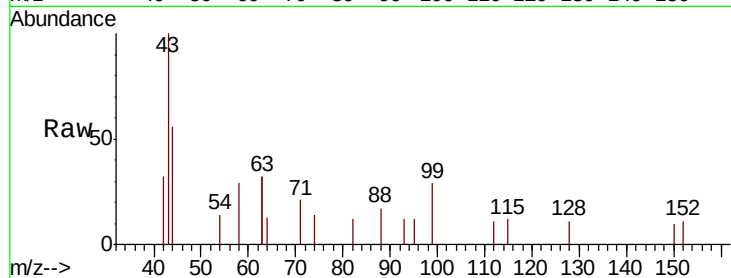
Tgt Ion: 99 Resp: 291

Ion Ratio Lower Upper

99 100

42 64.9 24.2 36.2#

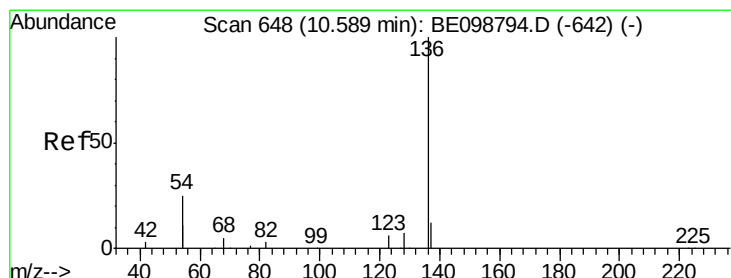
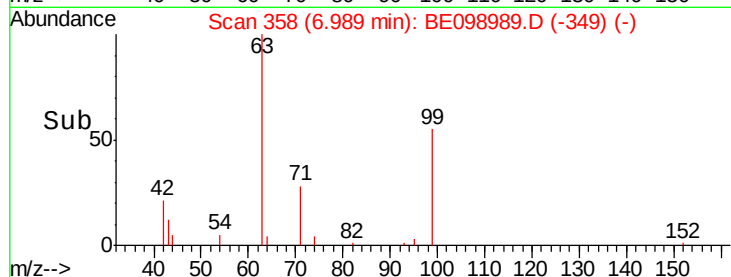
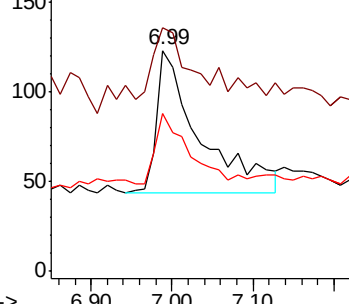
71 38.8 35.7 53.5



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: BE098989.D

Acq: 16 Mar 2019 4:18

Tgt Ion: 136 Resp: 3258

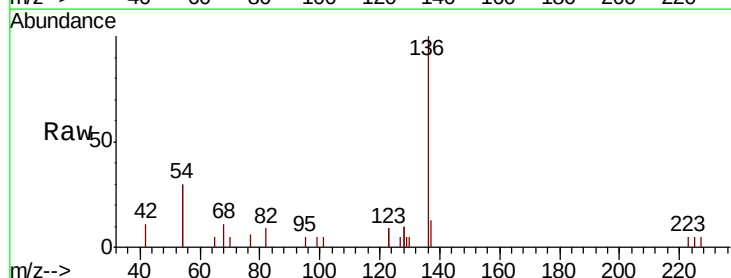
Ion Ratio Lower Upper

136 100

137 13.4 11.4 17.0

54 59.4 39.3 58.9#

68 10.7 6.7 10.1#

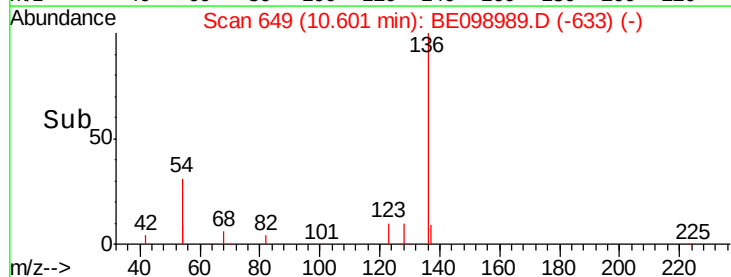
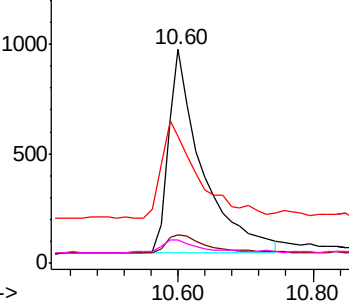


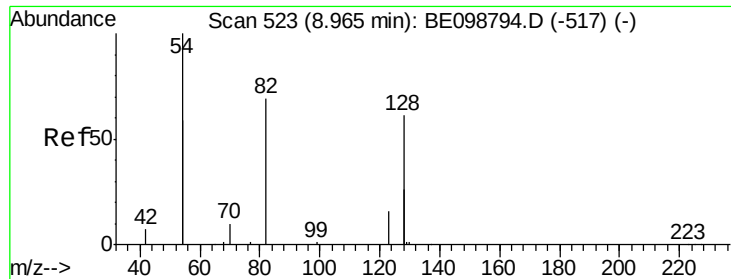
Abundance Ion 136.00 (135.70 to 136.70): E

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

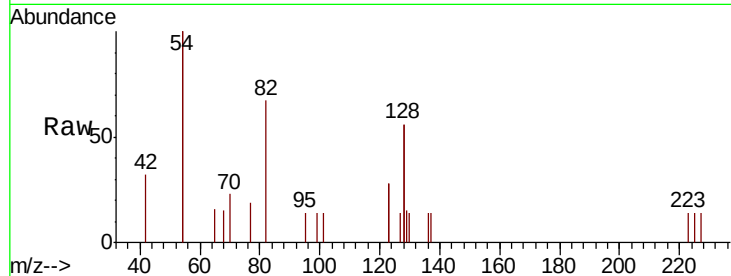




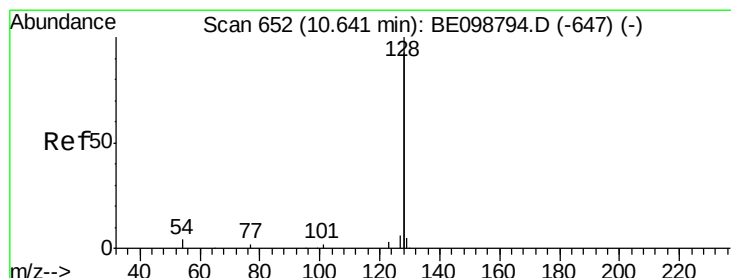
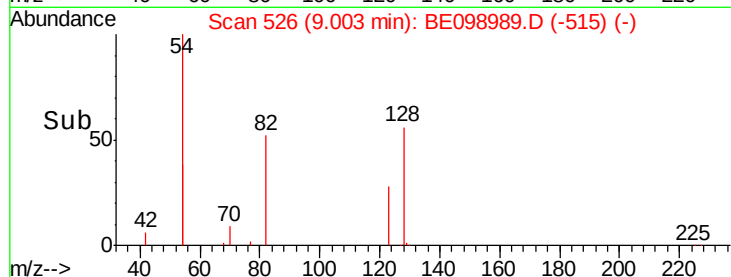
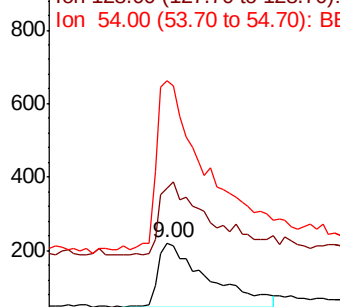
#8
 Nitrobenzene-d5
 Concen: 0.372 ng
 RT: 9.00 min Scan# 526
 Delta R.T. 0.04 min
 Lab File: BE098989.D
 Acq: 16 Mar 2019 4:18

Instrument :
 BNA_E
 ClientSampleId :
 M3-T2-UV(POST)

Tgt Ion: 82 Resp: 1272
 Ion Ratio Lower Upper
 82 100
 128 166.7 123.8 185.8
 54 298.2 203.4 305.2

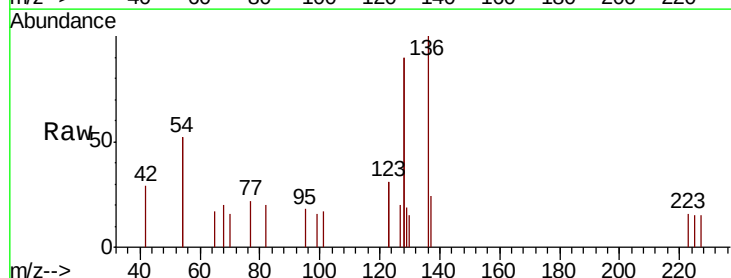


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

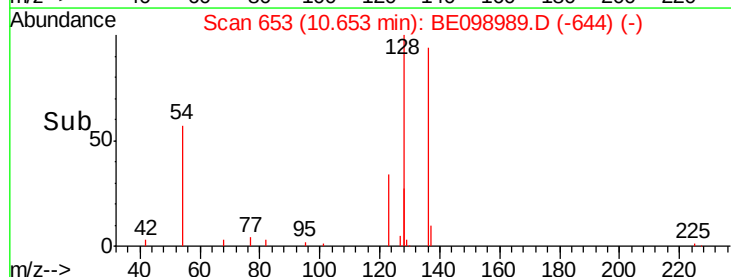
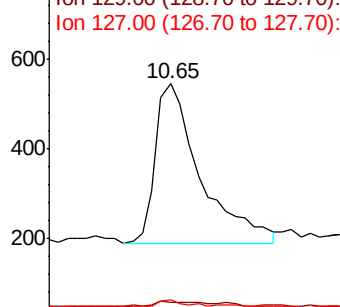


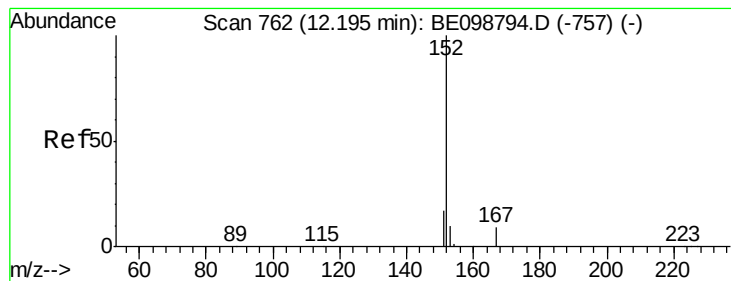
#9
 Naphthalene
 Concen: 0.042 ng
 RT: 10.65 min Scan# 653
 Delta R.T. 0.01 min
 Lab File: BE098989.D
 Acq: 16 Mar 2019 4:18

Tgt Ion: 128 Resp: 1564
 Ion Ratio Lower Upper
 128 100
 129 10.3 2.6 4.0#
 127 11.2 3.1 4.7#



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.411 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.02 min

Lab File: BE098989.D

Acq: 16 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

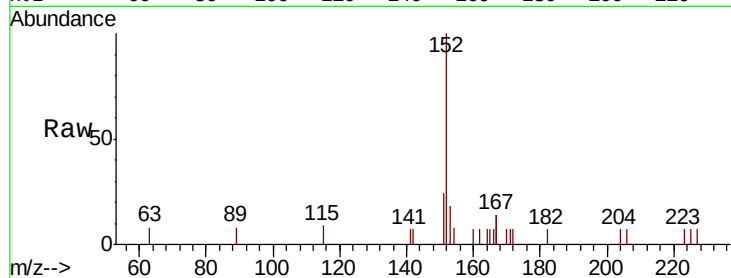
M3-T2-UV(POST)

Tgt Ion:152 Resp: 2477

Ion Ratio Lower Upper

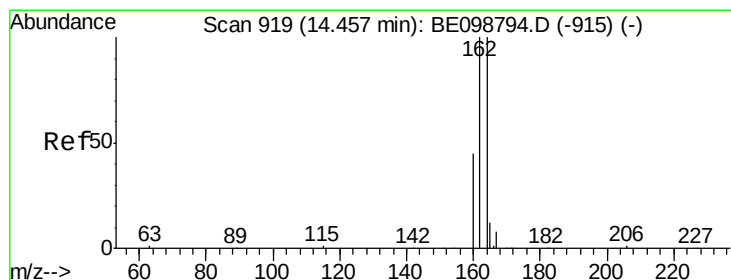
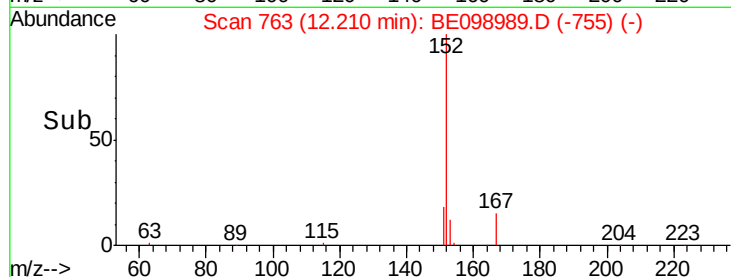
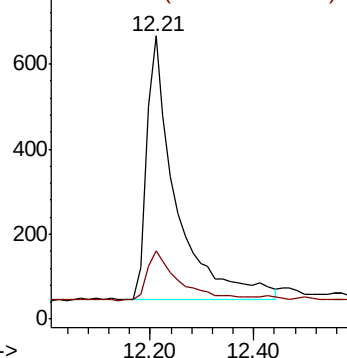
152 100

151 20.1 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: BE098989.D

Acq: 16 Mar 2019 4:18

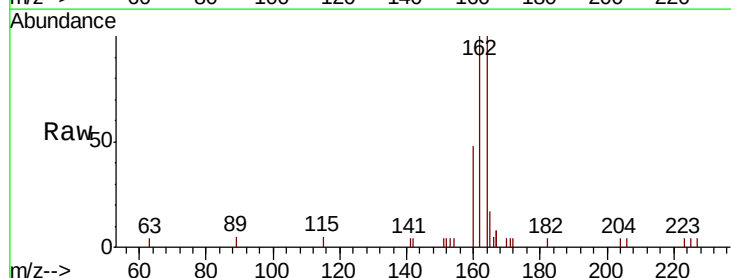
Tgt Ion:164 Resp: 2324

Ion Ratio Lower Upper

164 100

162 100.1 80.2 120.2

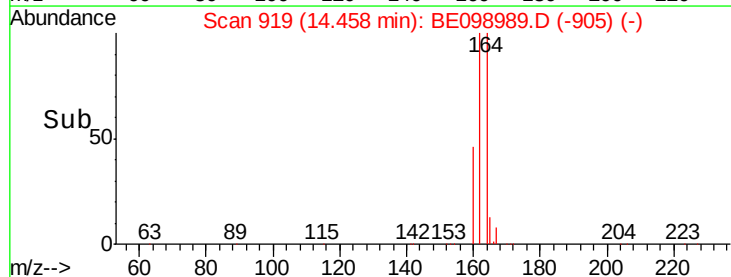
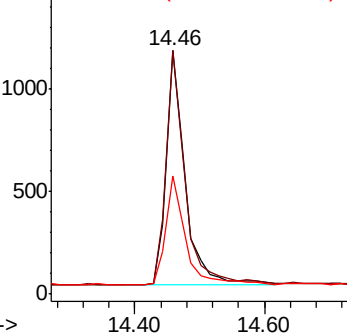
160 48.5 37.8 56.8

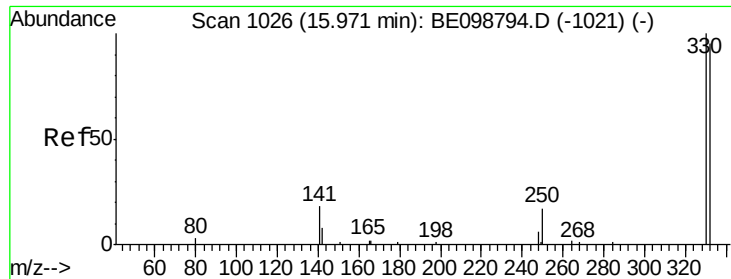


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

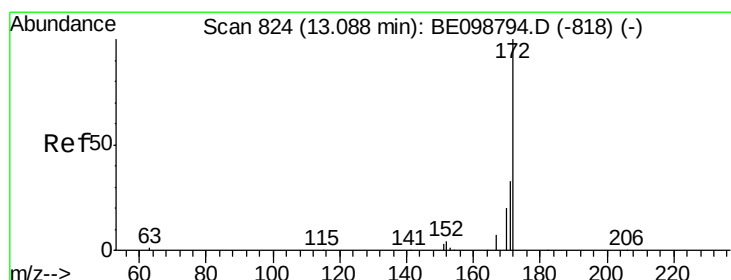
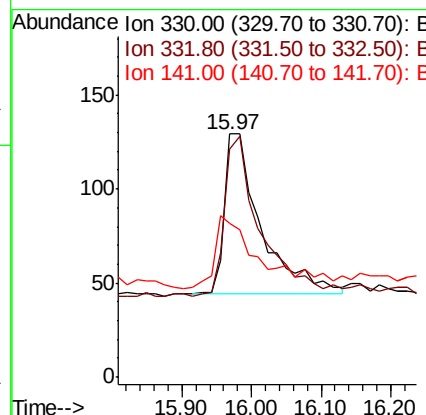
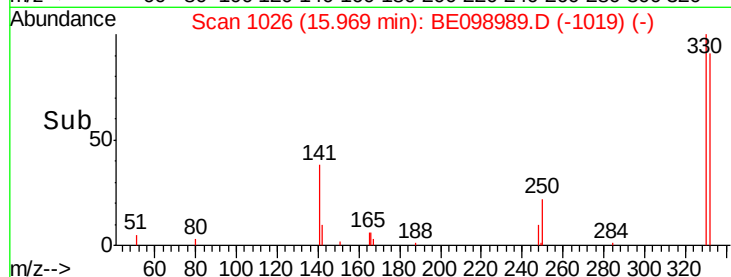
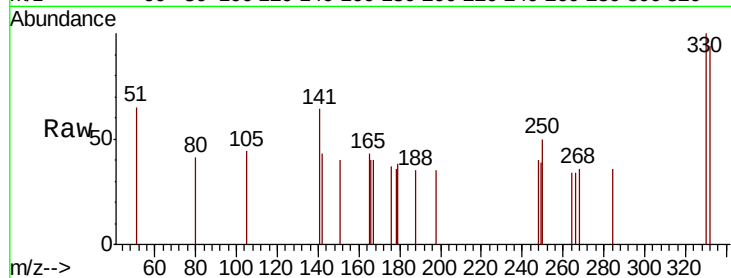




#14
 2,4,6-Tribromophenol
 Concen: 0.266 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098989.D
 Acq: 16 Mar 2019 4:18

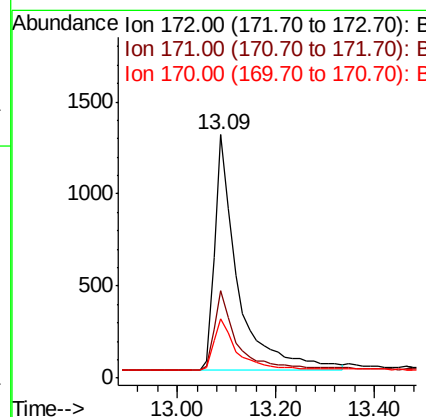
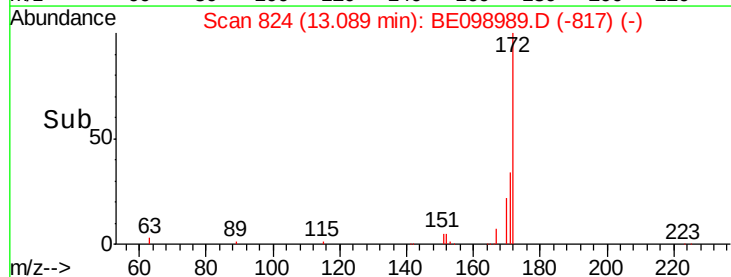
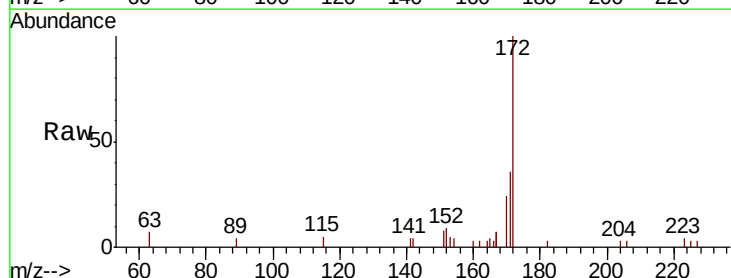
Instrument :
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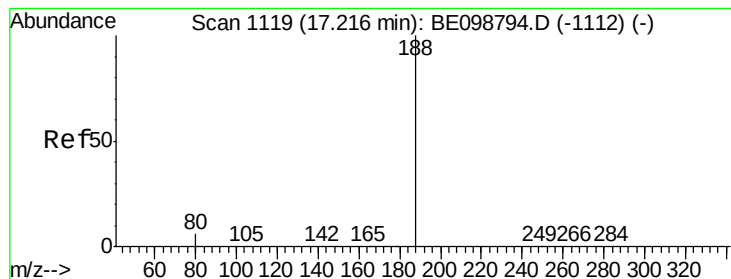
Tgt Ion: 330 Resp: 312
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.6 116.4
 141 0.0 31.0 46.4#



#15
 2-Fluorobiphenyl
 Concen: 0.430 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098989.D
 Acq: 16 Mar 2019 4:18

Tgt Ion: 172 Resp: 4138
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.0 42.0
 170 24.2 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: BE098989.D

Acq: 16 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

M3-T2-UV(POST)

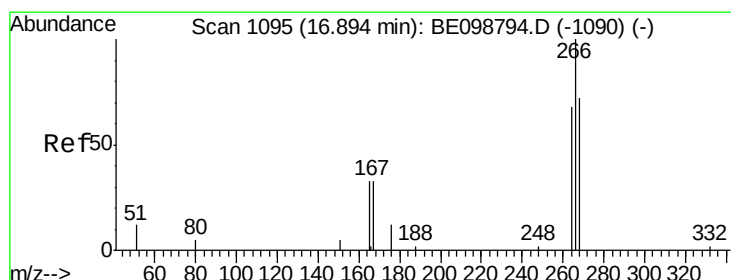
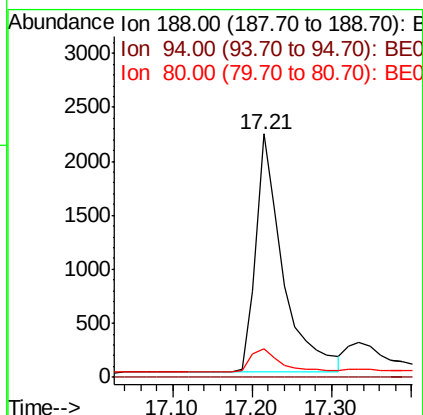
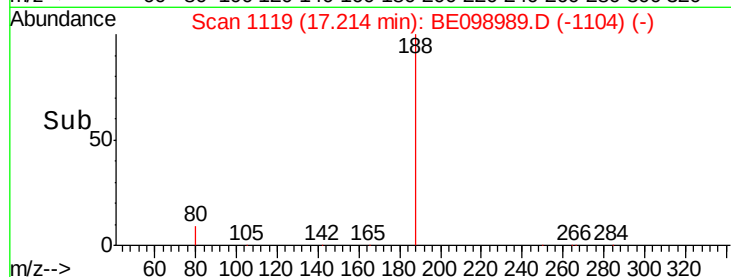
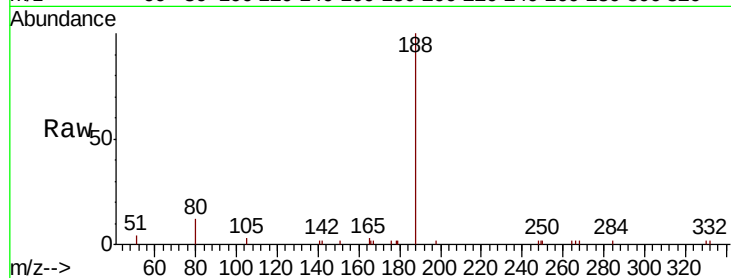
Tgt Ion:188 Resp: 5265

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.5 6.3 9.5#



#22

Pentachlorophenol

Concen: 0.274 ng

RT: 16.95 min Scan# 1099

Delta R.T. 0.05 min

Lab File: BE098989.D

Acq: 16 Mar 2019 4:18

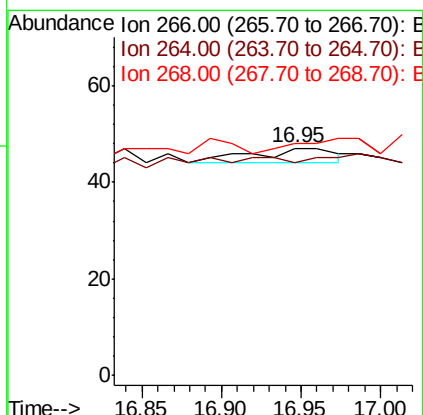
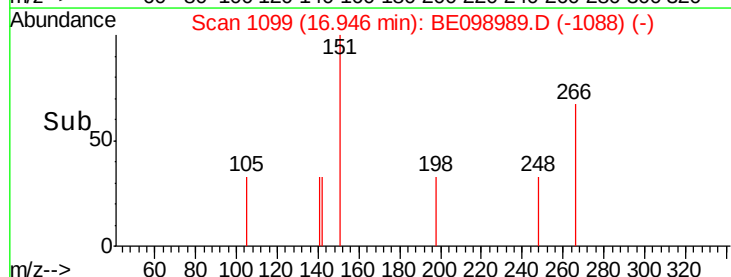
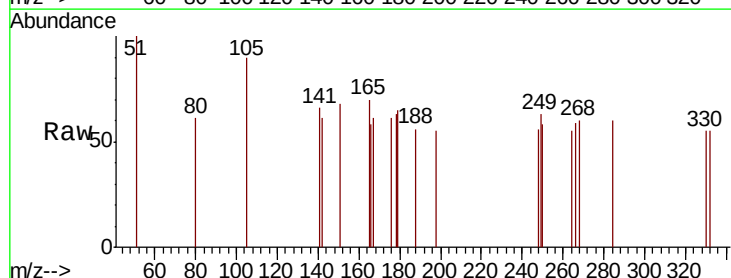
Tgt Ion:266 Resp: 11

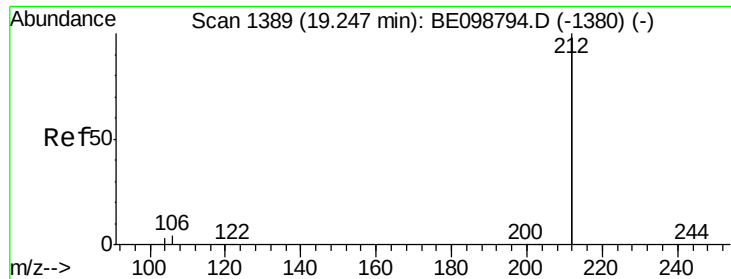
Ion Ratio Lower Upper

266 100

264 93.6 66.6 100.0

268 102.1 69.8 104.8





#25

Fluoranthene-d10

Concen: 0.424 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098989.D

Acq: 16 Mar 2019 4:18

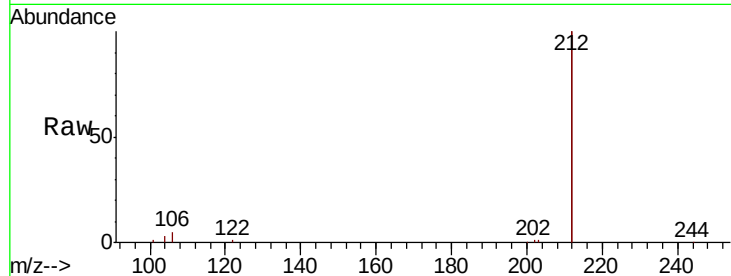
Instrument :

BNA_E

ClientSampleId :

M3-T2-UV(POST)

Tgt Ion:	212	Resp:	35637
Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.4	1.0	1.6

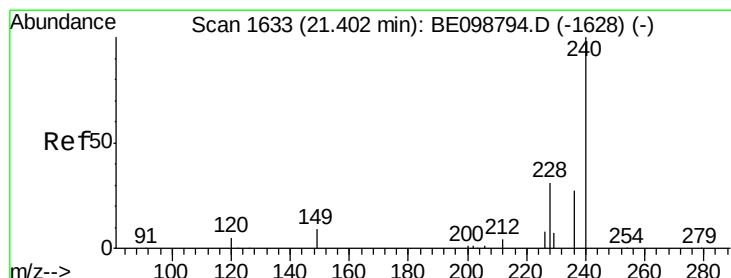
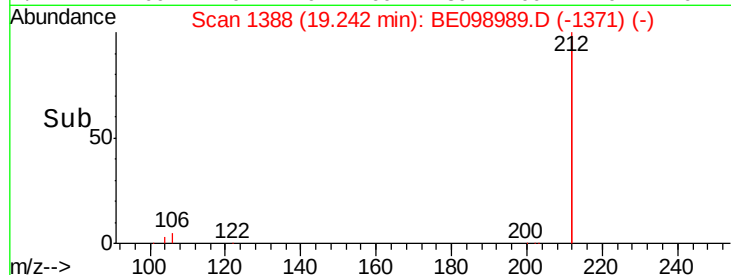
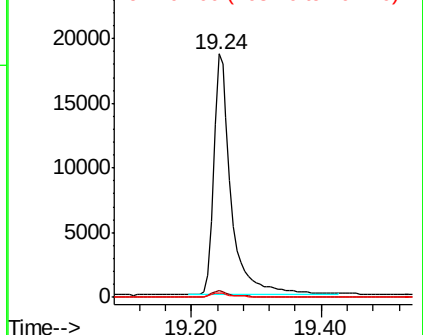


Abundance

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

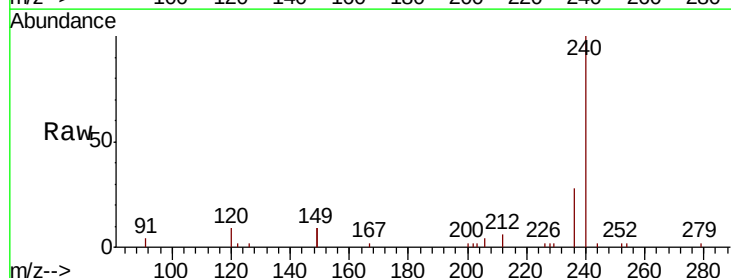
RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE098989.D

Acq: 16 Mar 2019 4:18

Tgt Ion:	240	Resp:	6570
Ion	Ratio	Lower	Upper
240	100		
120	9.4	5.0	7.4#
236	28.1	22.7	34.1

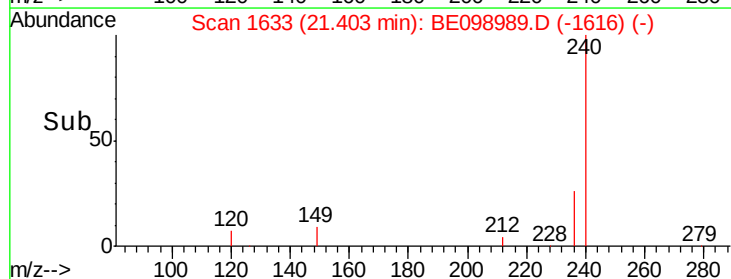
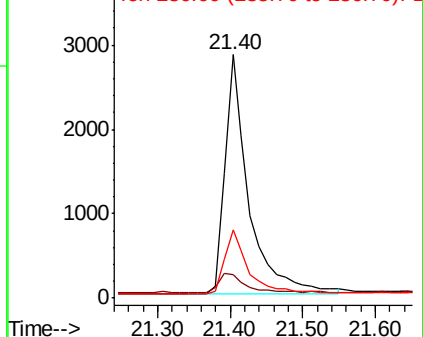


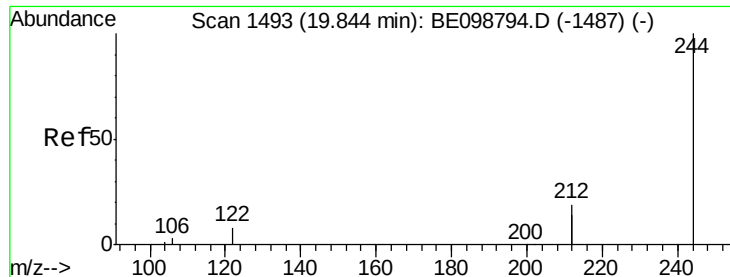
Abundance

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: 0.444 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098989.D

Acq: 16 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

M3-T2-UV(POST)

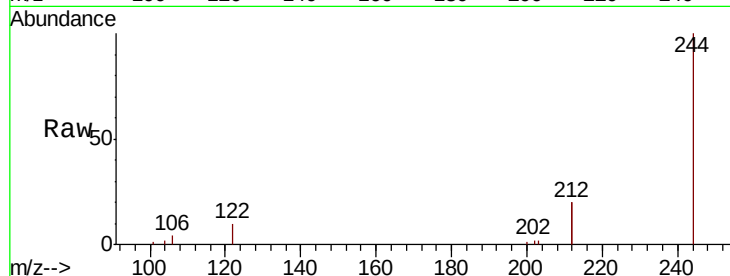
Tgt Ion:244 Resp: 7096

Ion Ratio Lower Upper

244 100

212 40.0 29.4 44.2

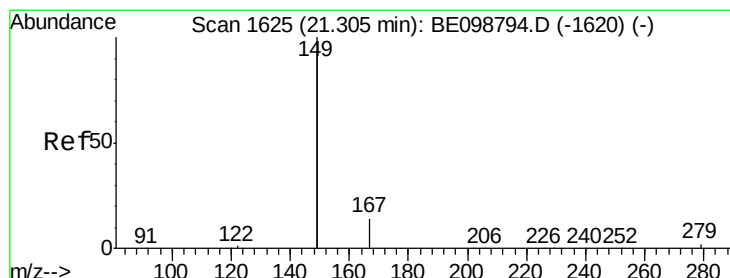
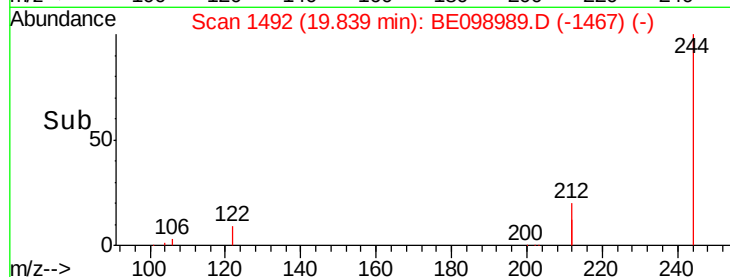
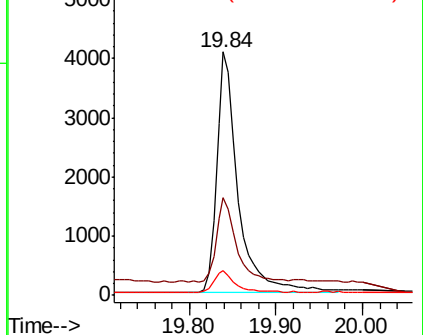
122 10.0 7.1 10.7



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: 0.128 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098989.D

Acq: 16 Mar 2019 4:18

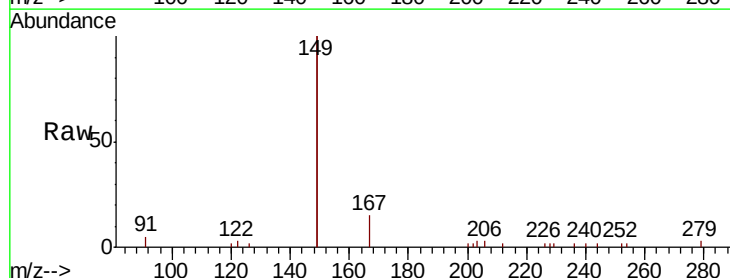
Tgt Ion:149 Resp: 5570

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

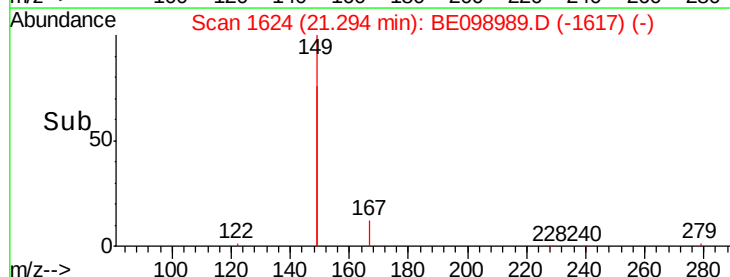
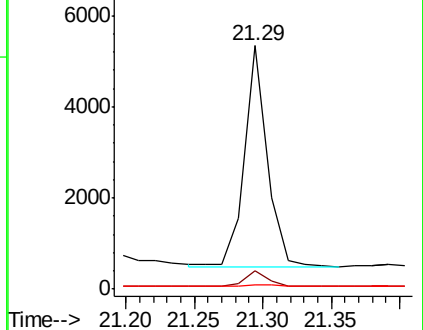
279 1.5 1.0 1.4#

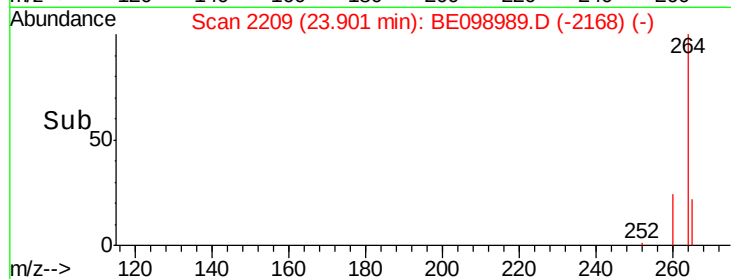
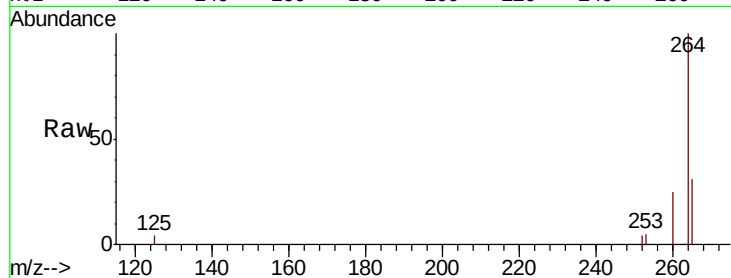
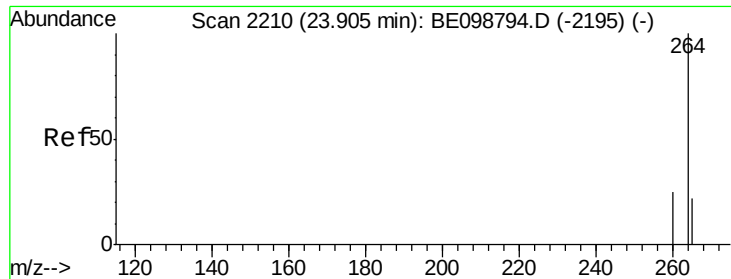


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2209

Delta R.T. -0.00 min

Lab File: BE098989.D

Acq: 16 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

M3-T2-UV(POST)

Tgt Ion: 264 Resp: 5717

Ion Ratio Lower Upper

264 100

260 25.5 21.2 31.8

265 31.3 24.6 36.8

