

Data File : BE098496.D
Acq On : 16 Dec 2018 7:24
Operator : SJ/JU
Sample : J6398-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C-MW-07-121118

Quant Time: Dec 17 02:03:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	793	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	3147	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	1992	0.40	ng	-0.02
19) Phenanthrene-d10	17.27	188	5328	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	6553	0.40	ng	0.00
34) Perylene-d12	24.00	264	6315	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	381	0.21	ng	0.00
5) Phenol-d6	7.04	99	302	0.11	ng	0.00
8) Nitrobenzene-d5	9.03	82	977	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	2188	0.43	ng	-0.02
14) 2,4,6-Tribromophenol	16.02	330	371	0.51	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	3702	0.44	ng	0.00
25) Fluoranthene-d10	19.30	212	32605	0.48	ng	0.00
29) Terphenyl-d14	19.90	244	6980	0.44	ng	-0.01

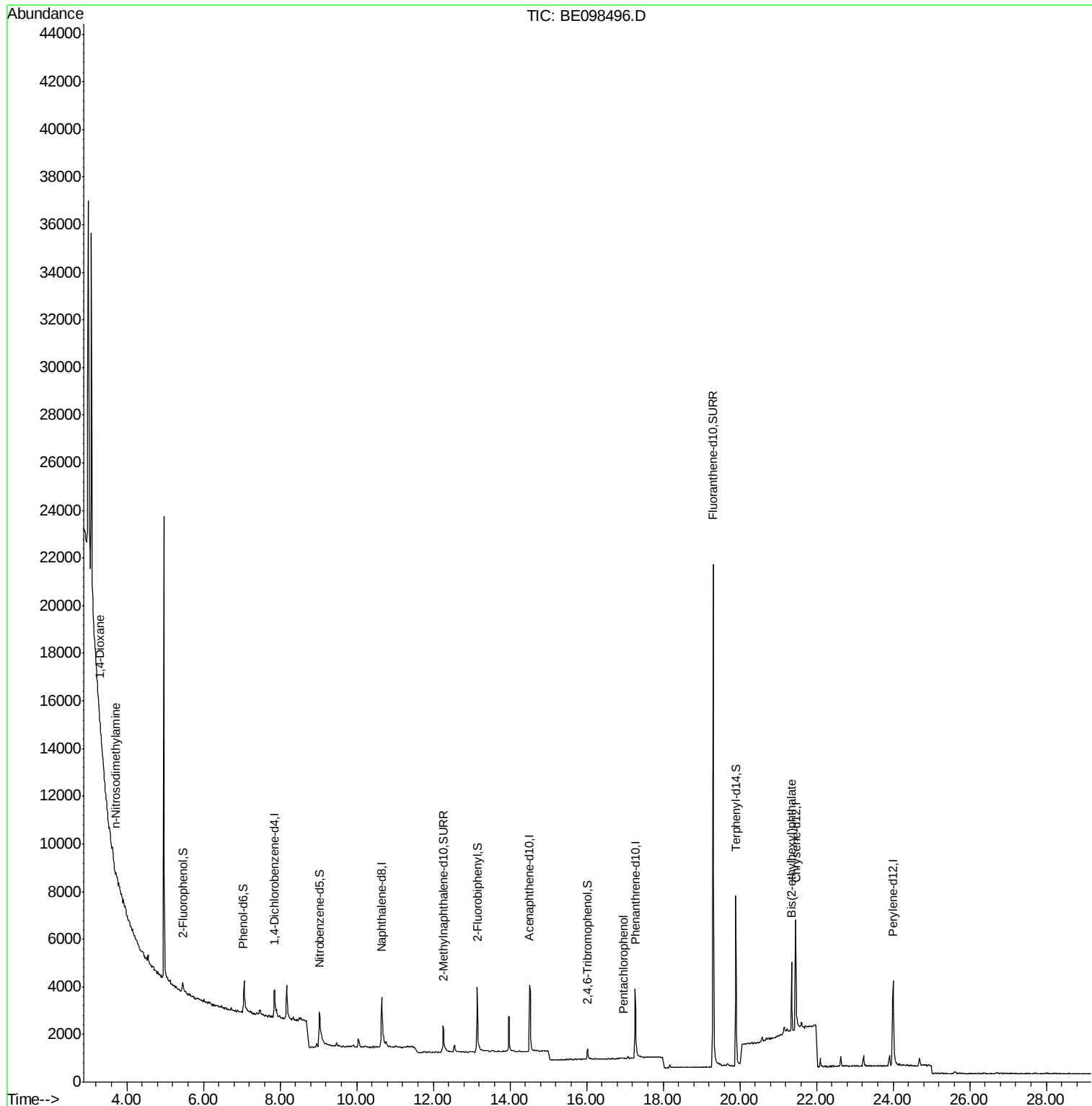
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	39	0.028	ng	# 12
3) n-Nitrosodimethylamine	3.72	42	35	0.028	ng	# 100
22) Pentachlorophenol	16.95	266	9	0.035	ng	# 69
32) Bis(2-ethylhexyl)phthalate	21.35	149	3007	0.079	ng	# 98

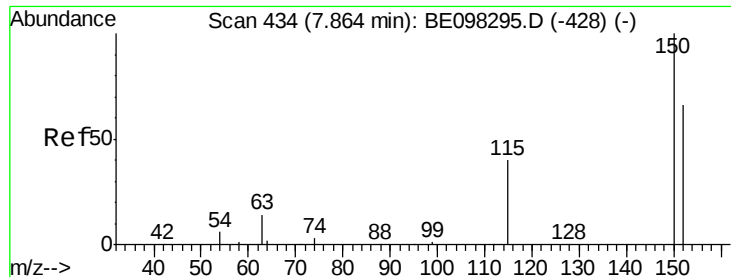
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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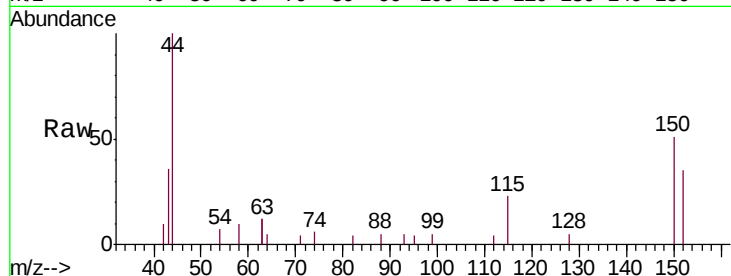


#1

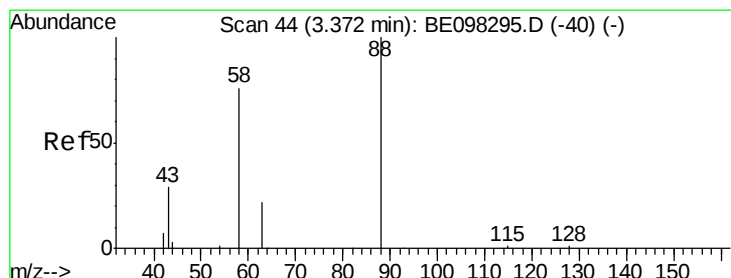
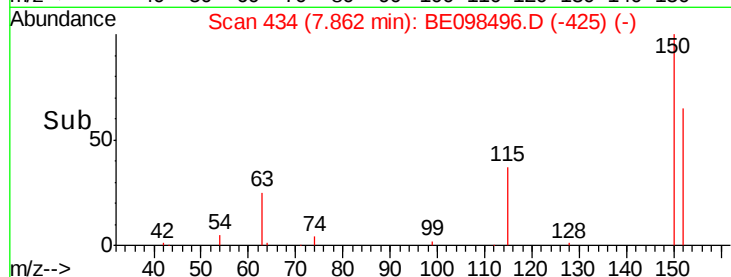
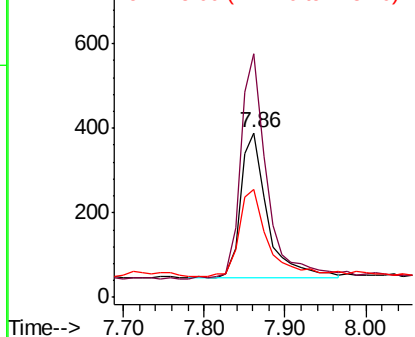
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098496.D
Acq: 16 Dec 2018 7:24

Instrument :
BNA_E
ClientSampleId :
C-MW-07-121118

Tgt Ion: 152 Resp: 793
Ion Ratio Lower Upper
152 100
150 147.7 124.2 186.4
115 65.4 53.9 80.9



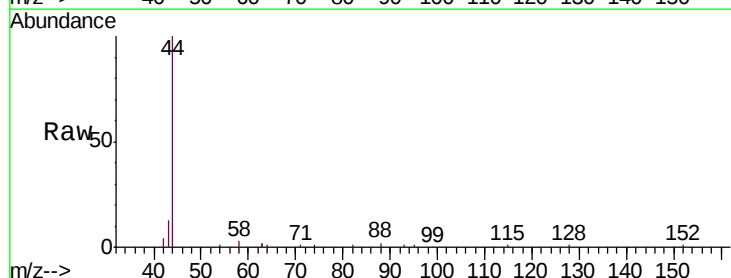
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



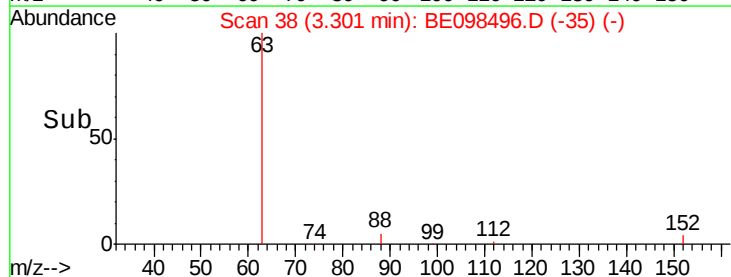
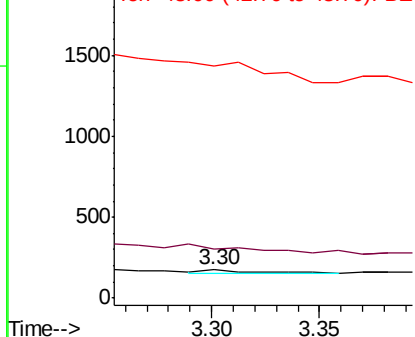
#2

1,4-Dioxane
Concen: 0.028 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.07 min
Lab File: BE098496.D
Acq: 16 Dec 2018 7:24

Tgt Ion: 88 Resp: 39
Ion Ratio Lower Upper
88 100
58 0.0 75.0 112.6#
43 0.0 38.3 57.5#



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: 0.028 ng

RT: 3.72 min Scan# 74

Delta R.T. 0.02 min

Lab File: BE098496.D

Acq: 16 Dec 2018 7:24

Instrument :

BNA_E

ClientSampleId :

C-MW-07-121118

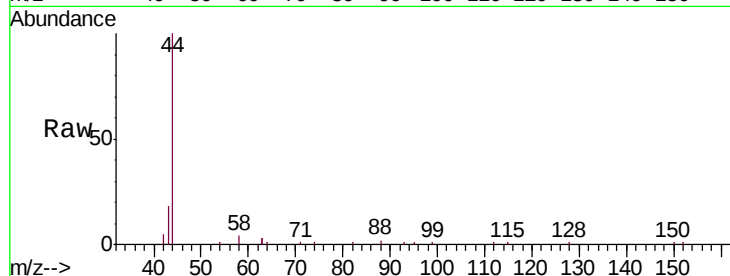
Tgt Ion: 42 Resp: 35

Ion Ratio Lower Upper

42 100

74 34.3 0.0 0.0#

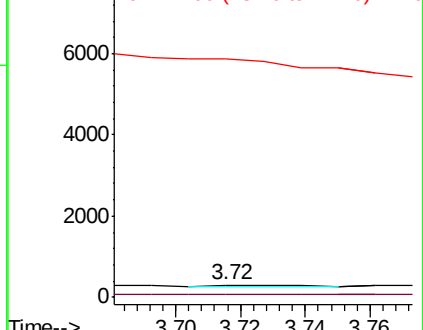
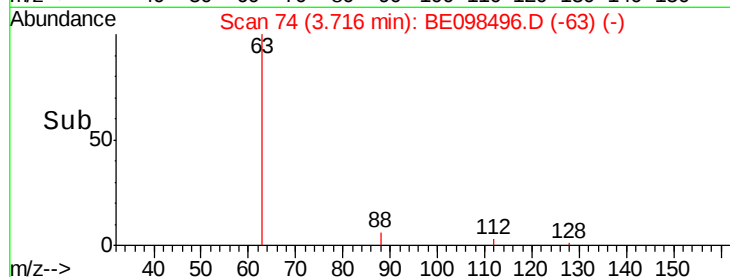
44 0.0 0.0 0.0



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: 0.205 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098496.D

Acq: 16 Dec 2018 7:24

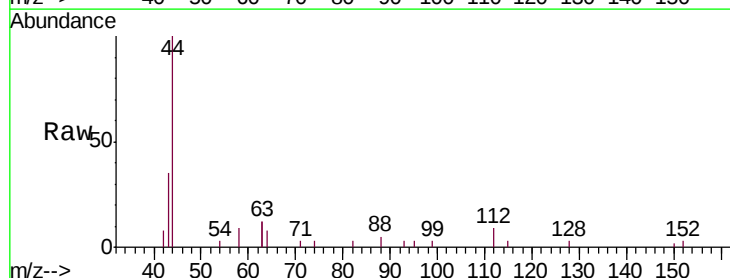
Tgt Ion: 112 Resp: 381

Ion Ratio Lower Upper

112 100

64 82.4 59.8 89.8

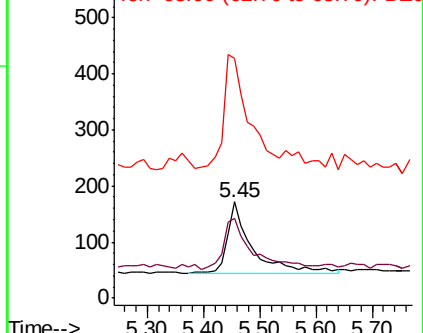
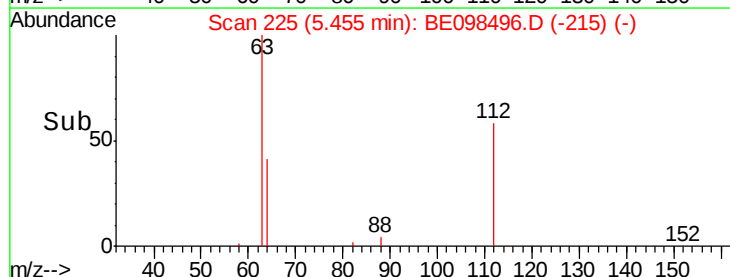
63 161.4 133.7 200.5

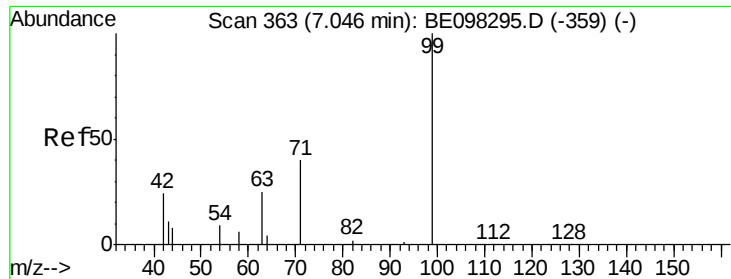


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.115 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098496.D

Acq: 16 Dec 2018 7:24

Instrument :

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ClientSampleId :

C-MW-07-121118

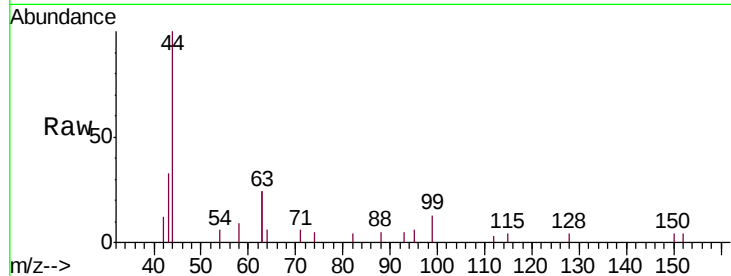
Tgt Ion: 99 Resp: 302

Ion Ratio Lower Upper

99 100

42 72.2 26.3 39.5#

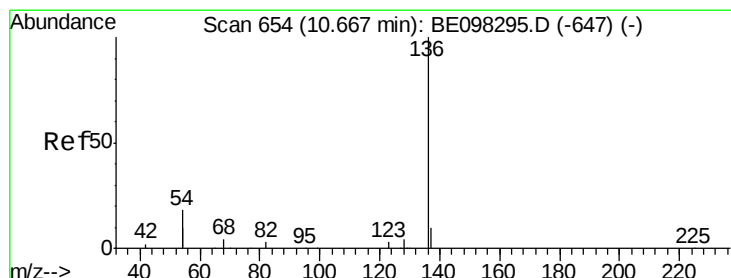
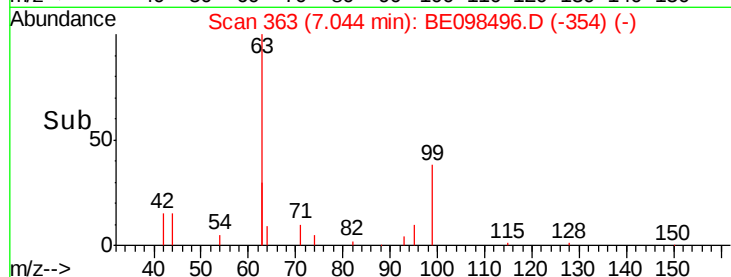
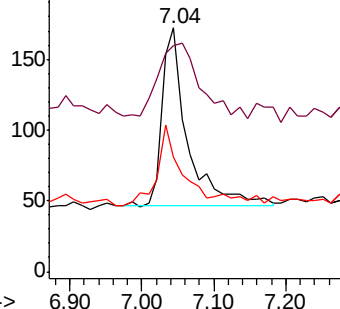
71 0.0 33.6 50.4#



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: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098496.D

Acq: 16 Dec 2018 7:24

Tgt Ion: 136 Resp: 3147

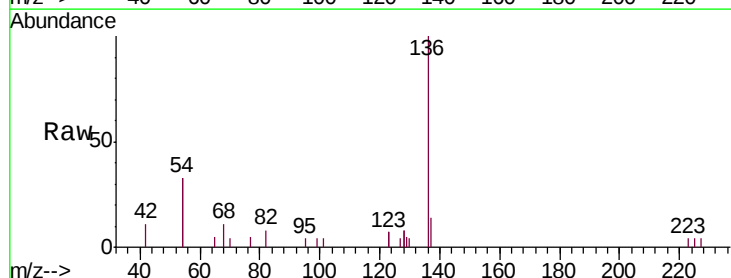
Ion Ratio Lower Upper

136 100

137 14.1 9.2 13.8#

54 65.5 28.4 42.6#

68 10.6 5.4 8.0#

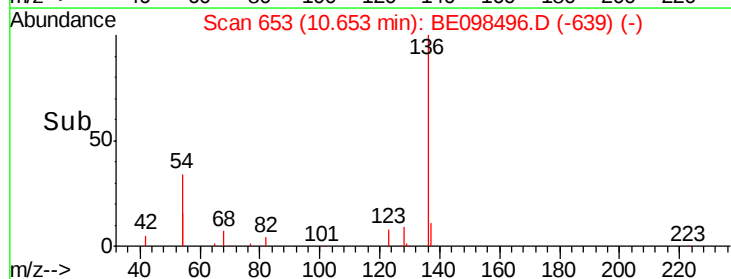
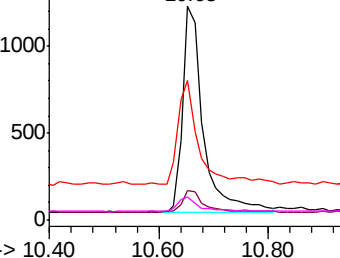


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.341 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098496.D

Acq: 16 Dec 2018 7:24

Instrument :

BNA_E

ClientSampleId :

C-MW-07-121118

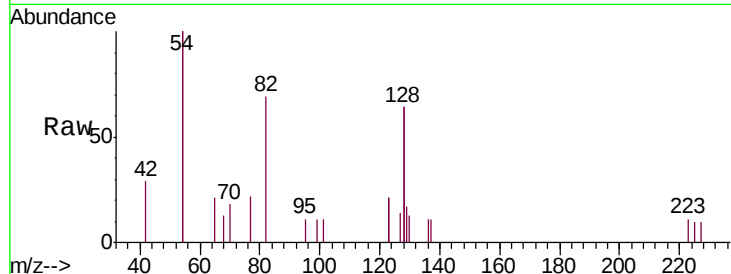
Tgt Ion: 82 Resp: 977

Ion Ratio Lower Upper

82 100

128 187.4 102.4 153.6#

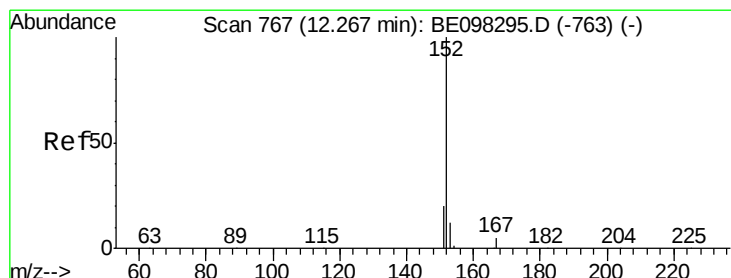
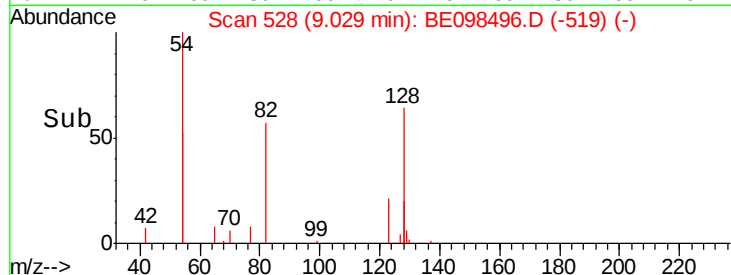
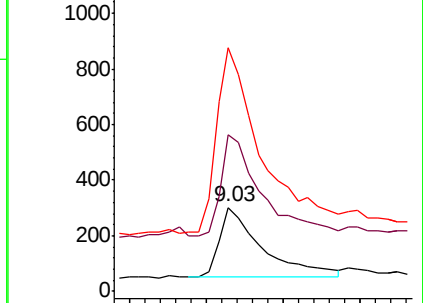
54 291.0 221.8 332.8



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: 0.428 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.02 min

Lab File: BE098496.D

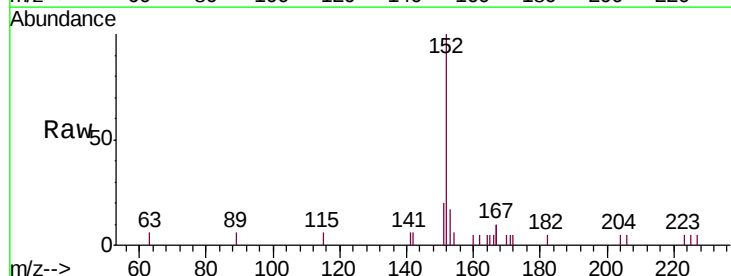
Acq: 16 Dec 2018 7:24

Tgt Ion: 152 Resp: 2188

Ion Ratio Lower Upper

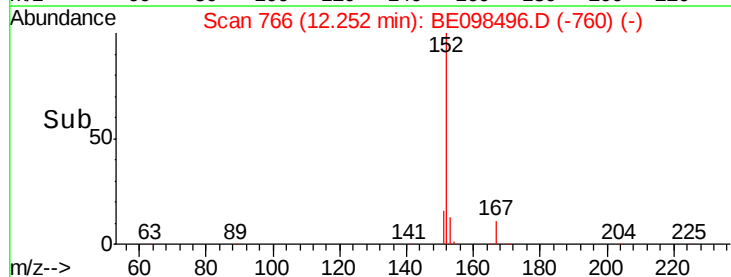
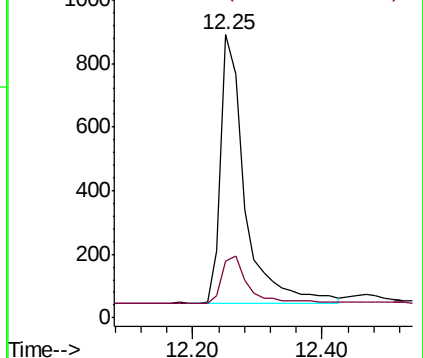
152 100

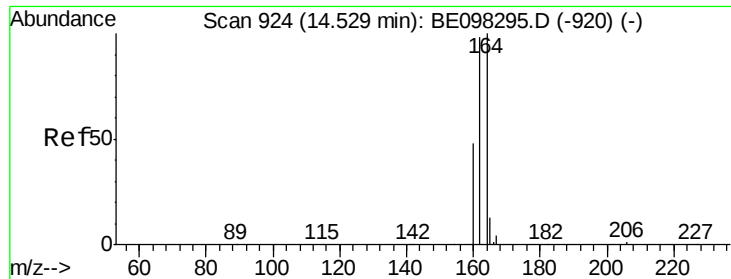
151 19.4 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

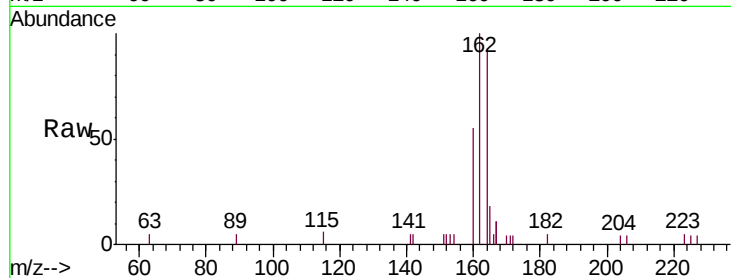




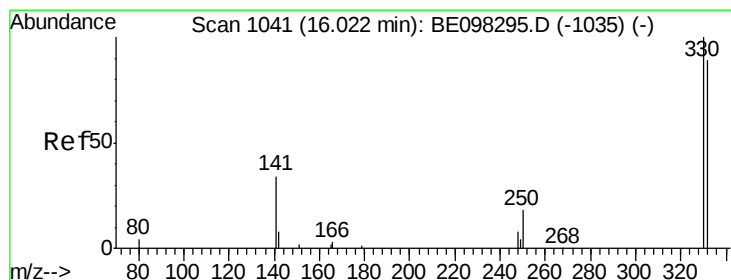
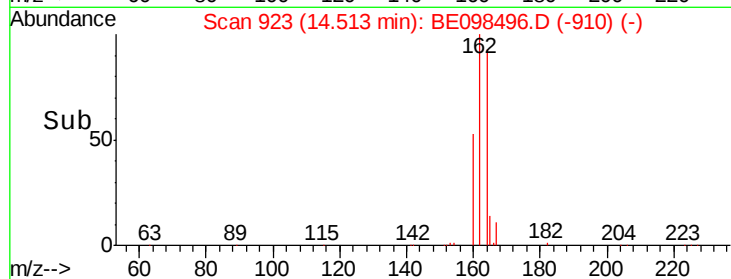
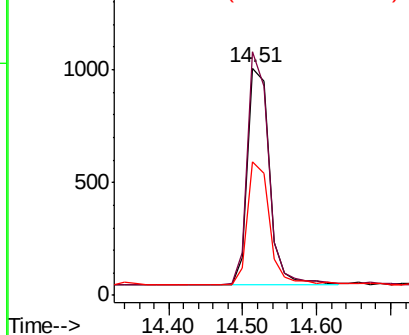
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 923
 Delta R.T. -0.02 min
 Lab File: BE098496.D
 Acq: 16 Dec 2018 7:24

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-07-121118

Tgt Ion:164 Resp: 1992
 Ion Ratio Lower Upper
 164 100
 162 107.1 77.6 116.4
 160 59.0 36.0 54.0#

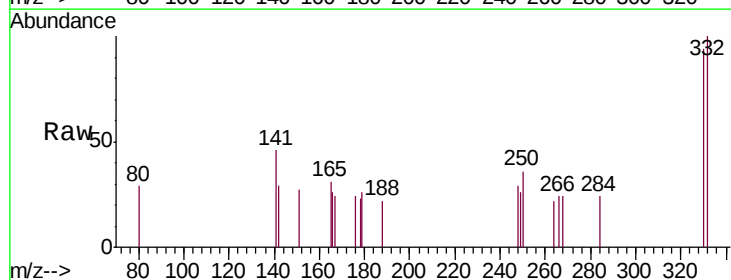


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

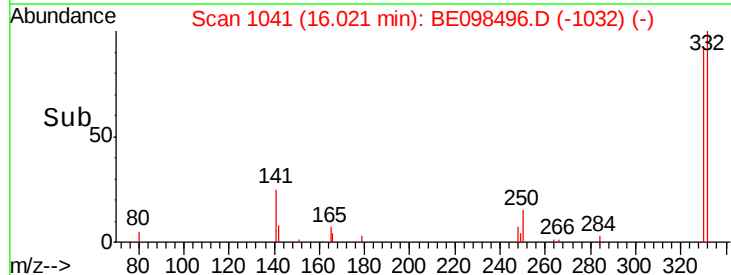
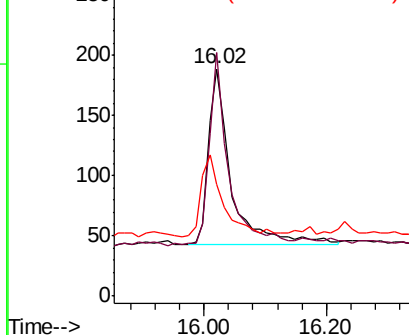


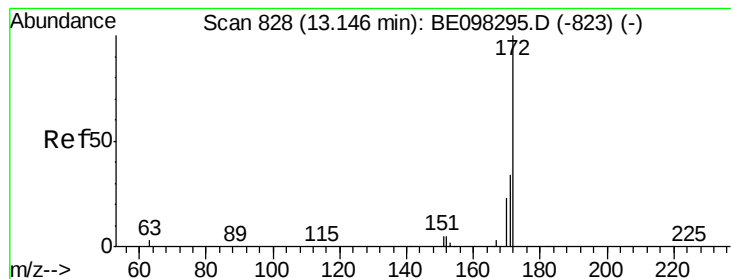
#14
 2,4,6-Tribromophenol
 Concen: 0.507 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098496.D
 Acq: 16 Dec 2018 7:24

Tgt Ion:330 Resp: 371
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.2 114.4
 141 48.8 39.0 58.4



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

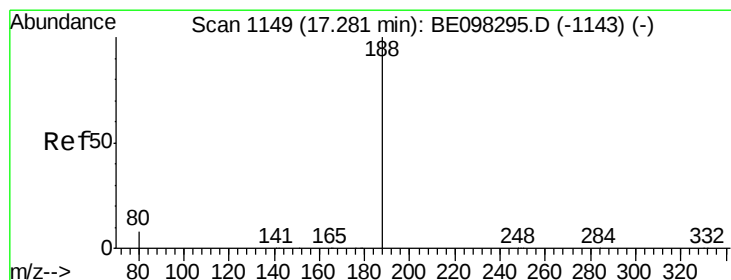
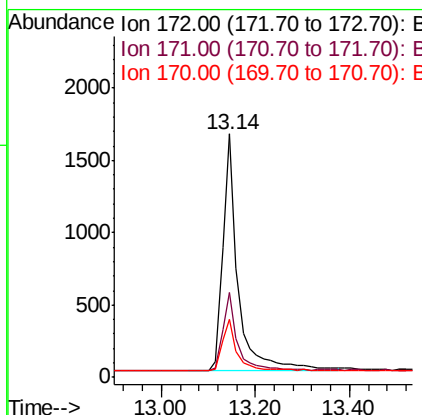
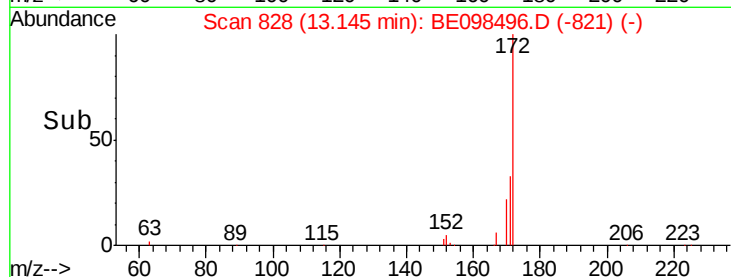
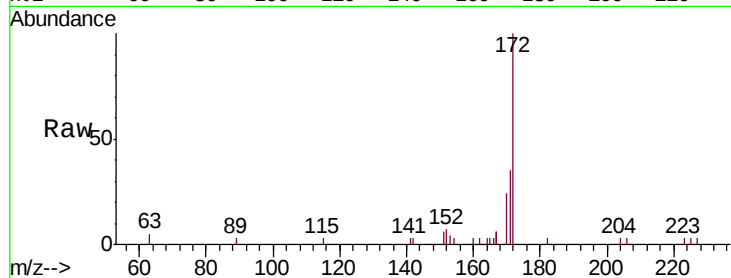




#15
2-Fluorobiphenyl
Concen: 0.441 ng
RT: 13.14 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098496.D
Acq: 16 Dec 2018 7:24

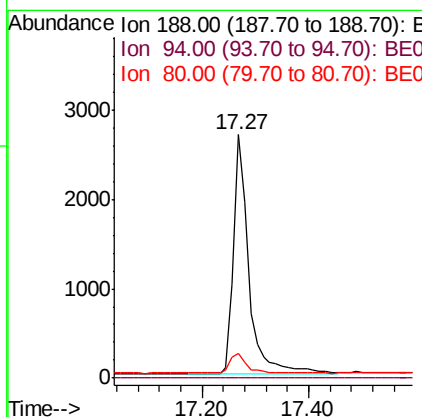
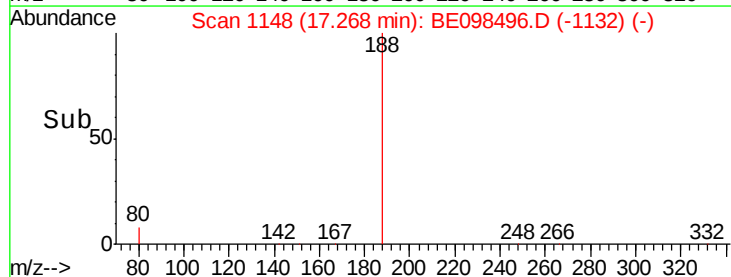
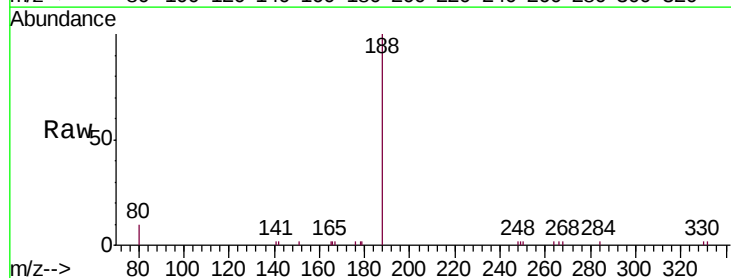
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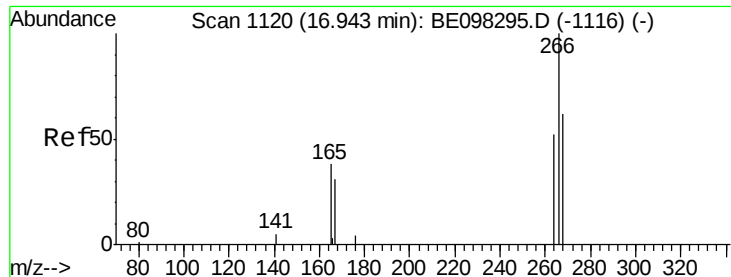
Tgt Ion:172 Resp: 3702
Ion Ratio Lower Upper
172 100
171 34.7 27.5 41.3
170 23.6 19.6 29.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098496.D
Acq: 16 Dec 2018 7:24

Tgt Ion:188 Resp: 5328
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 7.2 10.8

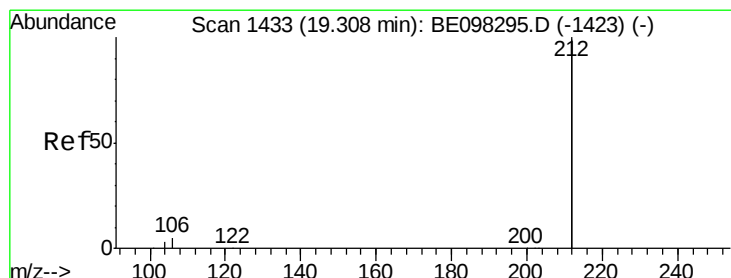
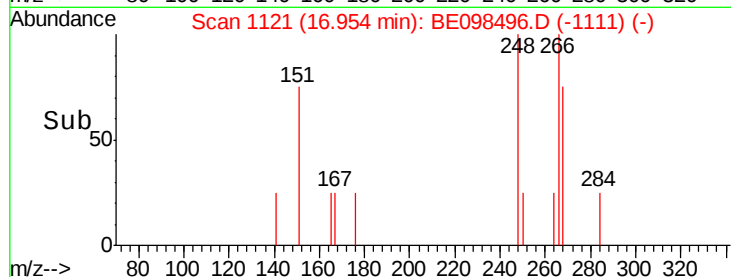
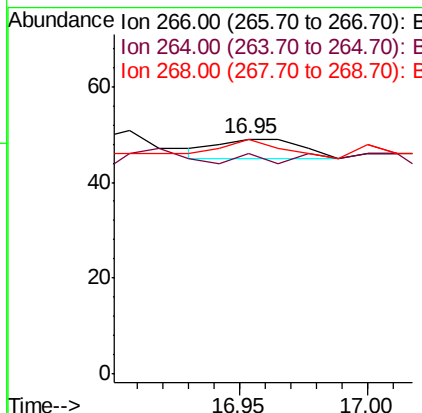
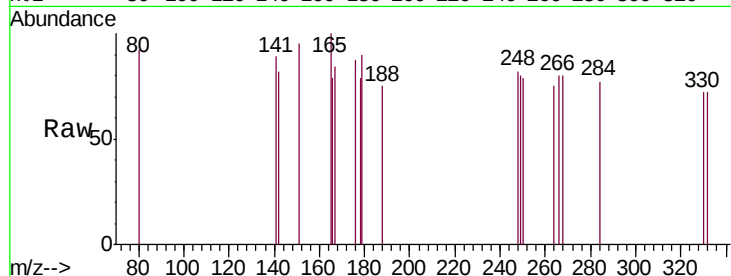




#22
 Pentachlorophenol
 Concen: 0.035 ng
 RT: 16.95 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BE098496.D
 Acq: 16 Dec 2018 7:24

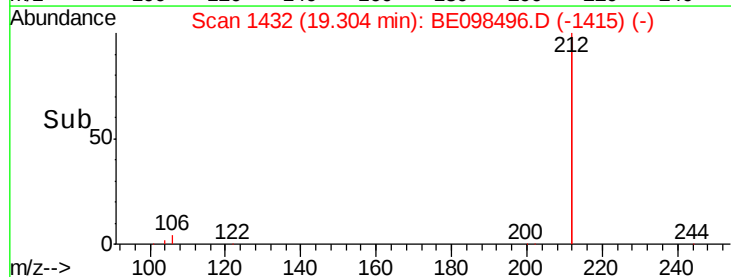
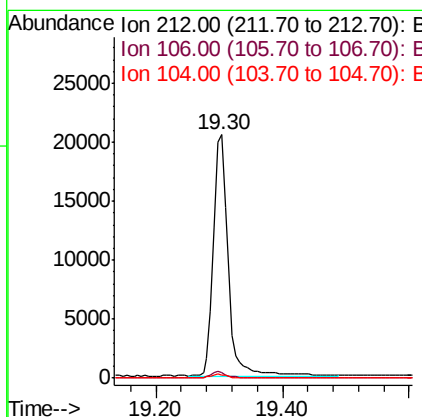
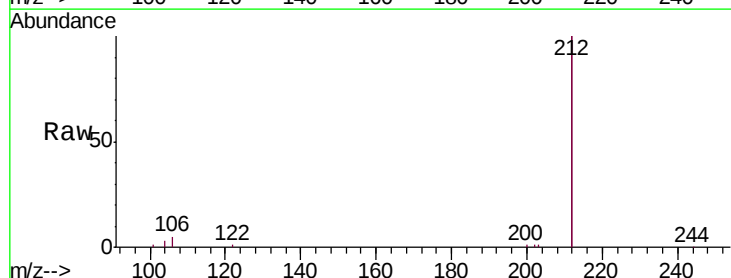
Instrument :
 BNA_E
 ClientSampleId :
 C-MW-07-121118

Tgt Ion: 266 Resp: 9
 Ion Ratio Lower Upper
 266 100
 264 93.9 59.0 88.4#
 268 100.0 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.477 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BE098496.D
 Acq: 16 Dec 2018 7:24

Tgt Ion: 212 Resp: 32605
 Ion Ratio Lower Upper
 212 100
 106 2.2 2.2 3.2
 104 1.4 1.3 1.9

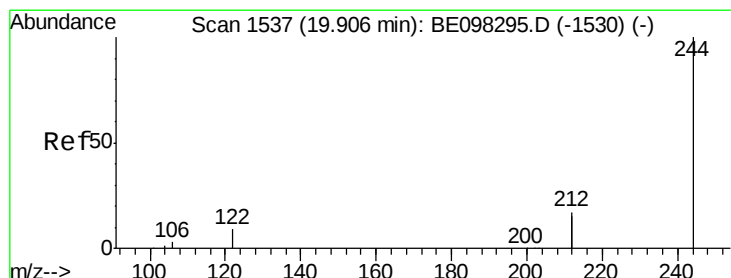
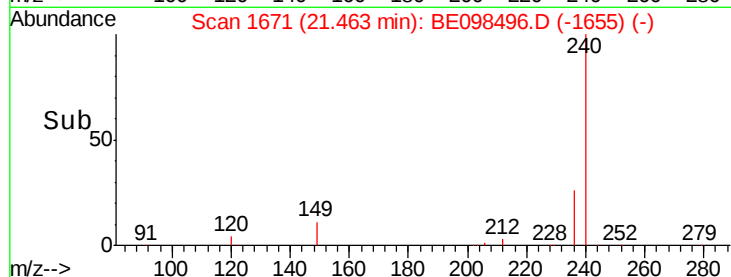
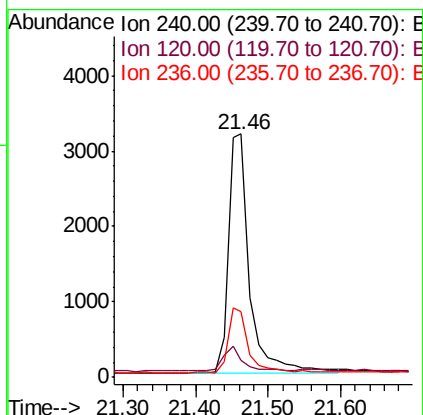
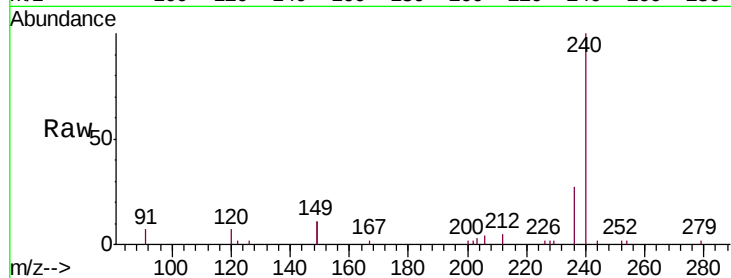




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098496.D
 Acq: 16 Dec 2018 7:24

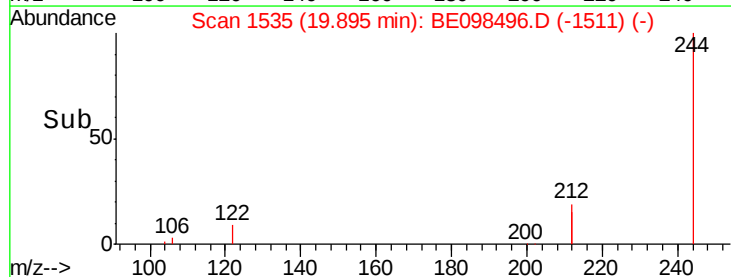
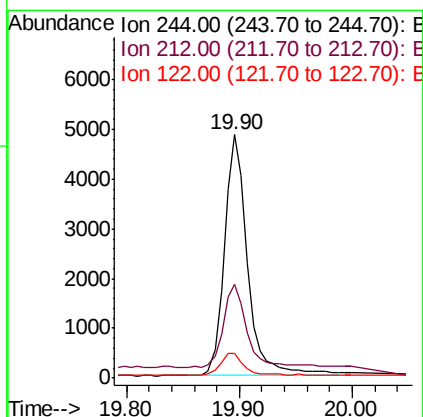
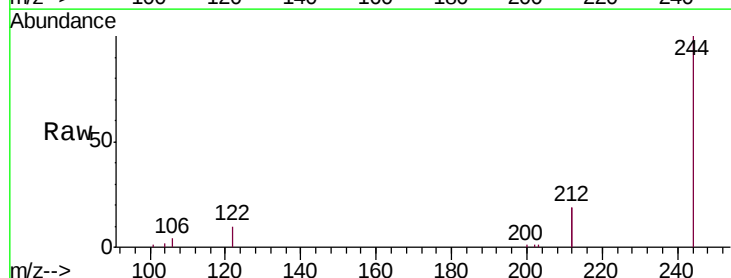
Instrument :
 BNA_E
 ClientSampleId :
 C-MW-07-121118

Tgt Ion:240 Resp: 6553
 Ion Ratio Lower Upper
 240 100
 120 7.0 9.5 14.3#
 236 27.2 22.7 34.1



#29
 Terphenyl-d14
 Concen: 0.438 ng
 RT: 19.90 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BE098496.D
 Acq: 16 Dec 2018 7:24

Tgt Ion:244 Resp: 6980
 Ion Ratio Lower Upper
 244 100
 212 38.3 27.4 41.0
 122 10.2 8.3 12.5





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.079 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098496.D

Acq: 16 Dec 2018 7:24

Instrument :

BNA_E

ClientSampleId :

C-MW-07-121118

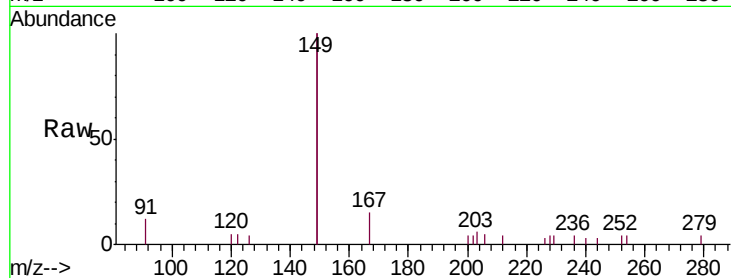
Tgt Ion:149 Resp: 3007

Ion Ratio Lower Upper

149 100

167 7.9 5.7 8.5

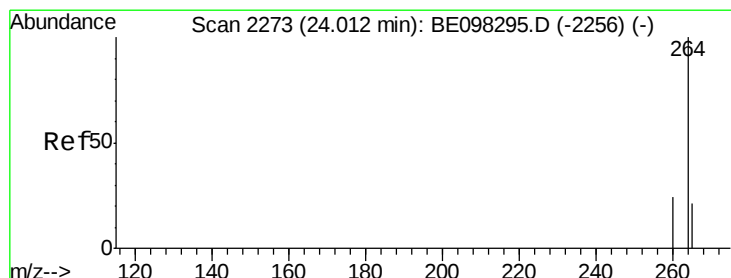
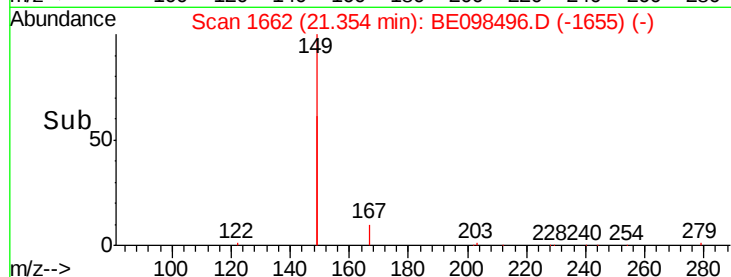
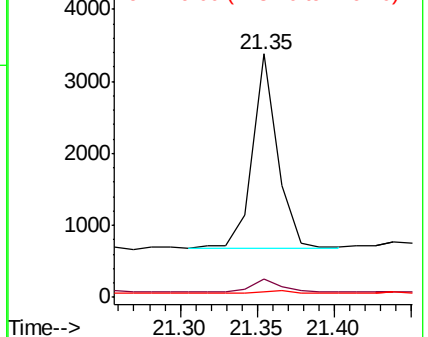
279 1.6 1.0 1.4#



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: 24.00 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BE098496.D

Acq: 16 Dec 2018 7:24

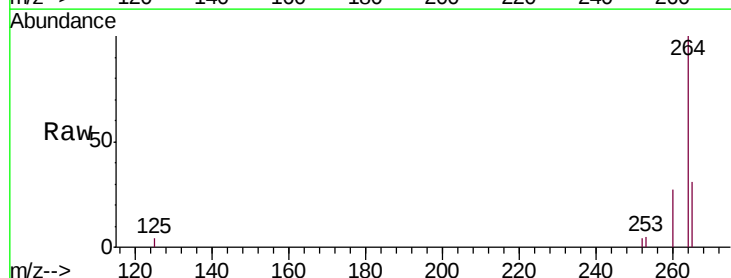
Tgt Ion:264 Resp: 6315

Ion Ratio Lower Upper

264 100

260 27.2 20.2 30.2

265 30.7 25.2 37.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

