

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121418\
 Data File : BE098462.D
 Acq On : 15 Dec 2018 8:39
 Operator : SJ/JU
 Sample : J6358-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW09-20181211

Quant Time: Dec 16 00:51:55 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

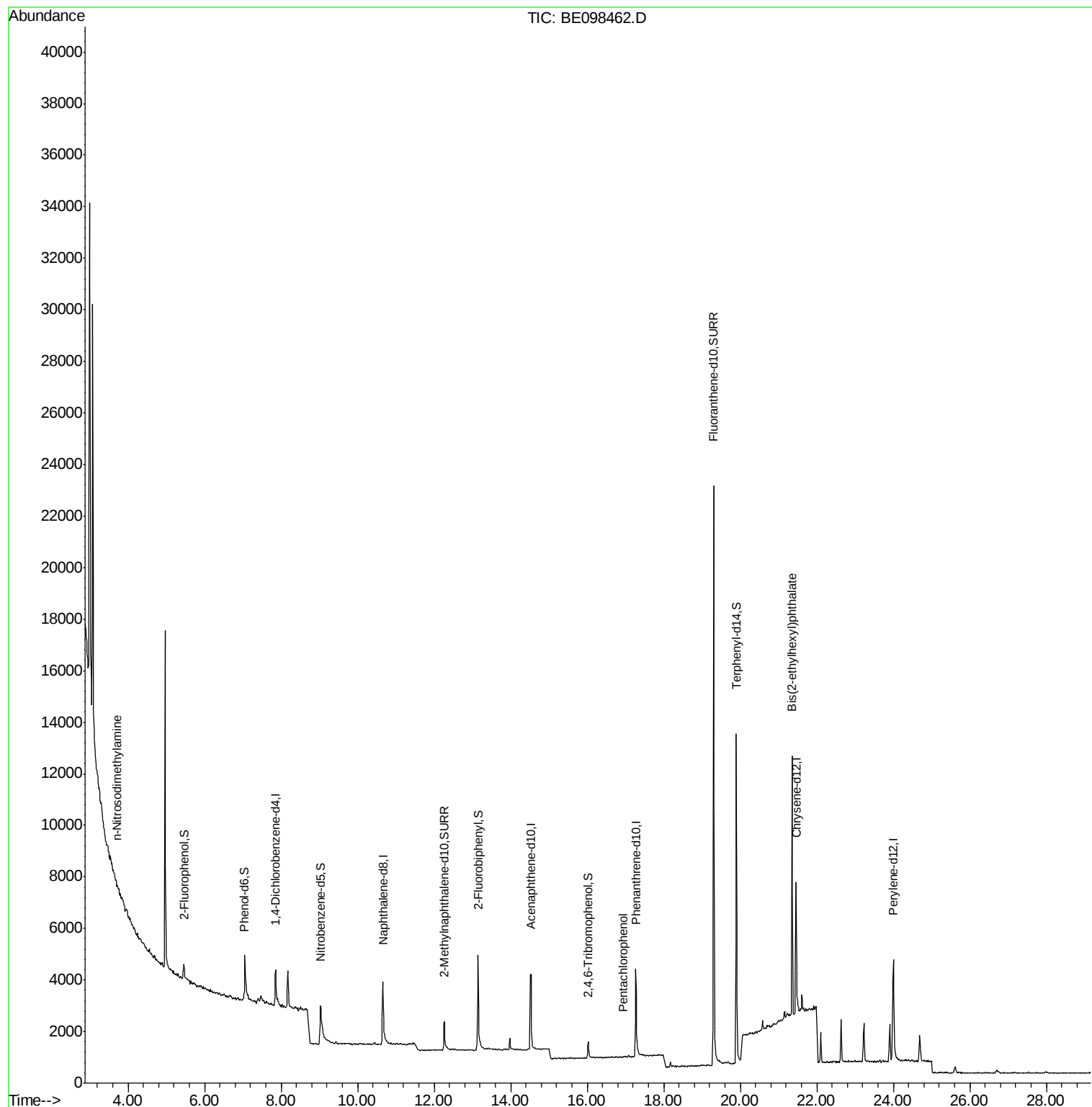
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	902	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3735	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2364	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	6216	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	7427	0.40	ng	0.00
34) Perylene-d12	24.00	264	7102	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	471	0.22	ng	0.00
5) Phenol-d6	7.04	99	420	0.14	ng	0.00
8) Nitrobenzene-d5	9.03	82	1322	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	2326	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	515	0.59	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	4981	0.50	ng	0.00
25) Fluoranthene-d10	19.30	212	35084	0.44	ng	0.00
29) Terphenyl-d14	19.90	244	11956	0.66	ng	-0.01
Target Compounds						
3) n-Nitrosodimethylamine	3.72	42	42	0.030	ng	# 100
22) Pentachlorophenol	16.93	266	3	0.021	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.35	149	11552	0.269	ng	99

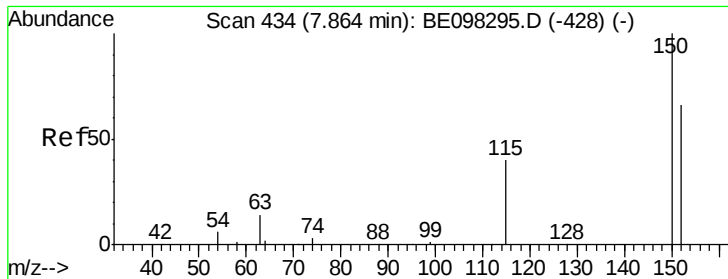
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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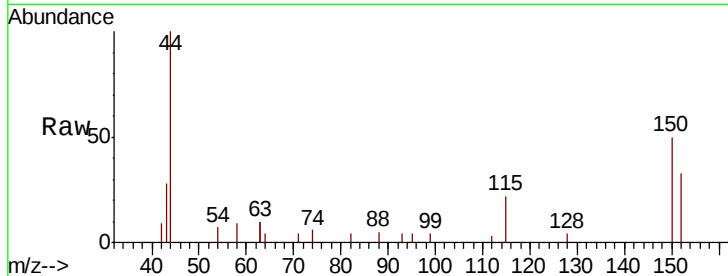


#1

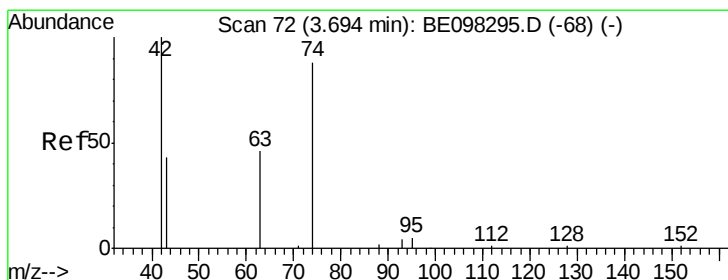
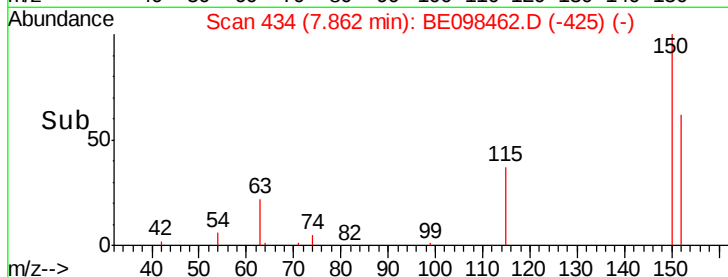
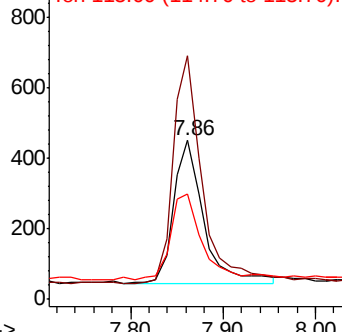
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098462.D
Acq: 15 Dec 2018 8:39

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW09-20181211

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.2	186.4
115	66.2	53.9	80.9



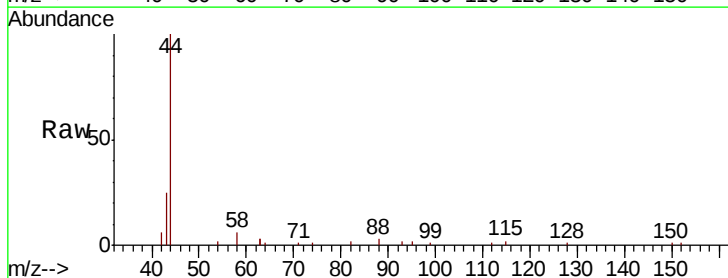
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



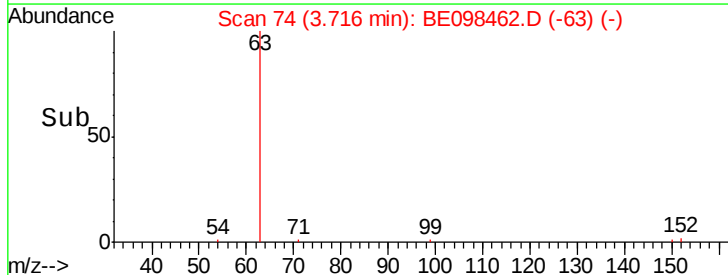
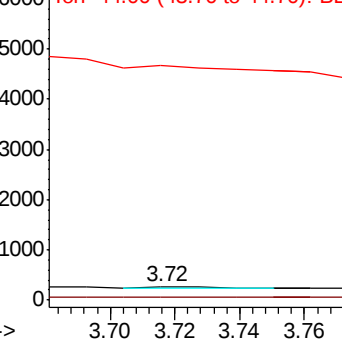
#3

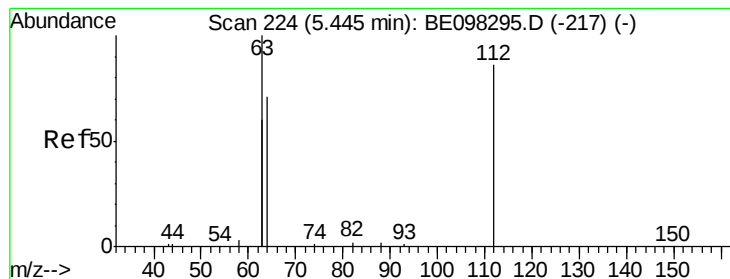
n-Nitrosodimethylamine
Concen: 0.030 ng
RT: 3.72 min Scan# 74
Delta R.T. 0.02 min
Lab File: BE098462.D
Acq: 15 Dec 2018 8:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	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: 0.223 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098462.D

Acq: 15 Dec 2018 8:39

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW09-20181211

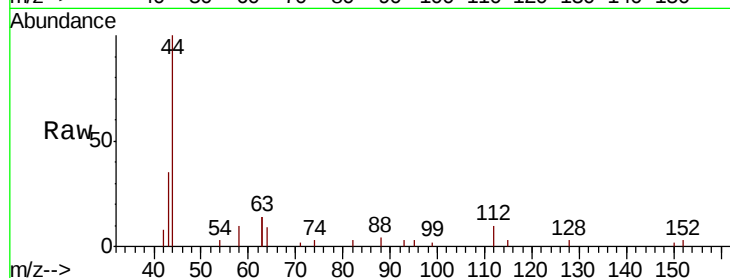
Tgt Ion: 112 Resp: 471

Ion Ratio Lower Upper

112 100

64 69.6 59.8 89.8

63 173.5 133.7 200.5



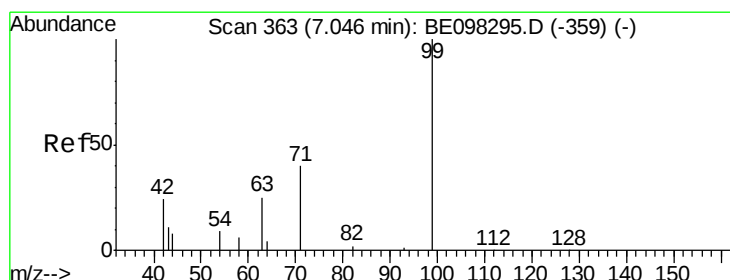
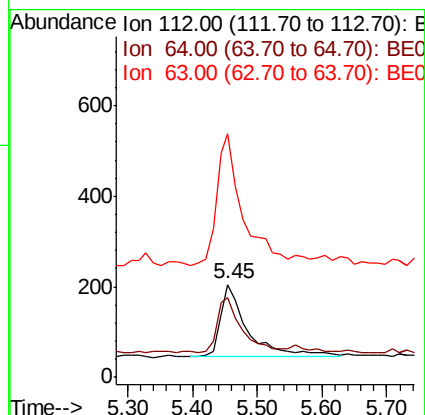
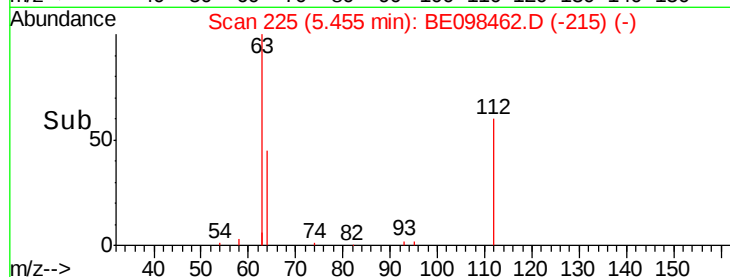
Abundance Ion 112.00 (111.70 to 112.70): BE098462.D (-215) (-)

Ion 64.00 (63.70 to 64.70): BE098462.D (-215) (-)

Ion 63.00 (62.70 to 63.70): BE098462.D (-215) (-)

5.45

Time-->



#5

Phenol-d6

Concen: 0.140 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098462.D

Acq: 15 Dec 2018 8:39

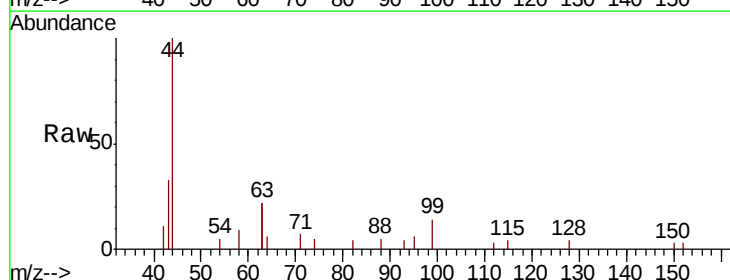
Tgt Ion: 99 Resp: 420

Ion Ratio Lower Upper

99 100

42 67.4 26.3 39.5#

71 44.5 33.6 50.4



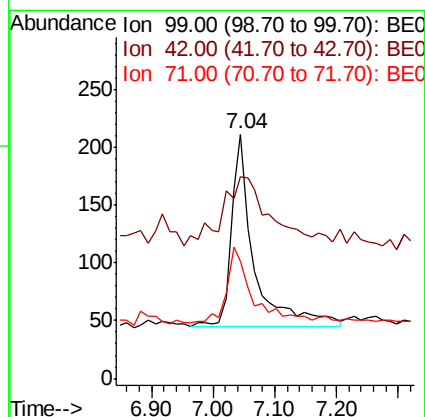
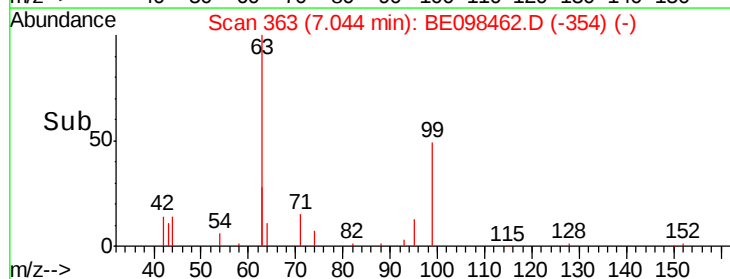
Abundance Ion 99.00 (98.70 to 99.70): BE098462.D (-354) (-)

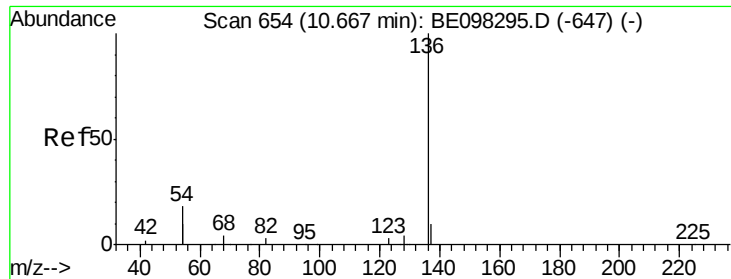
Ion 42.00 (41.70 to 42.70): BE098462.D (-354) (-)

Ion 71.00 (70.70 to 71.70): BE098462.D (-354) (-)

7.04

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098462.D

Acq: 15 Dec 2018 8:39

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW09-20181211

Tgt Ion: 136 Resp: 3735

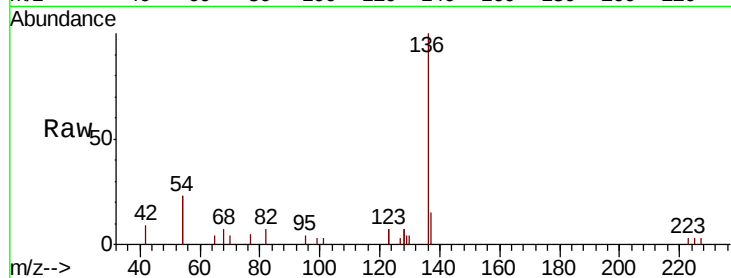
Ion Ratio Lower Upper

136 100

137 14.6 9.2 13.8#

54 45.6 28.4 42.6#

68 6.8 5.4 8.0

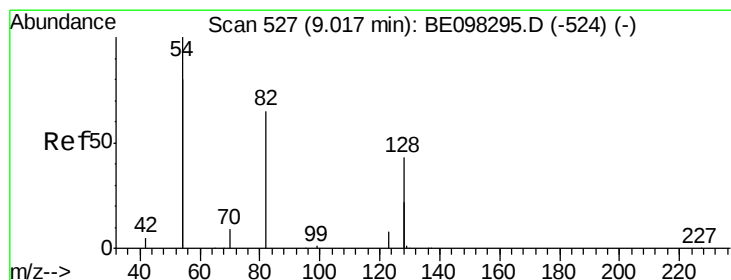
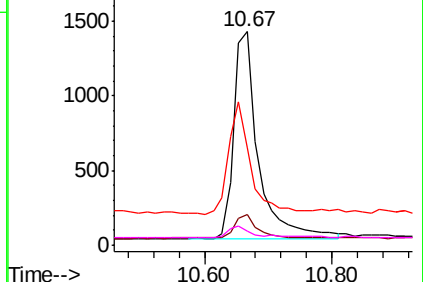
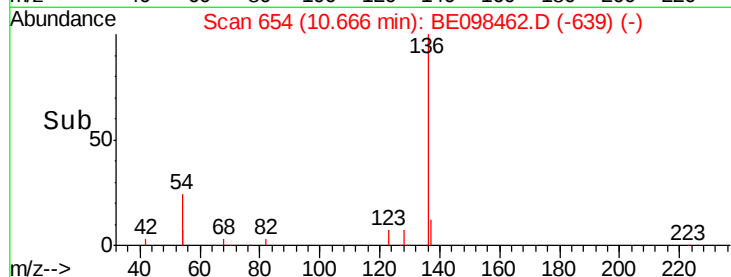


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.389 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098462.D

Acq: 15 Dec 2018 8:39

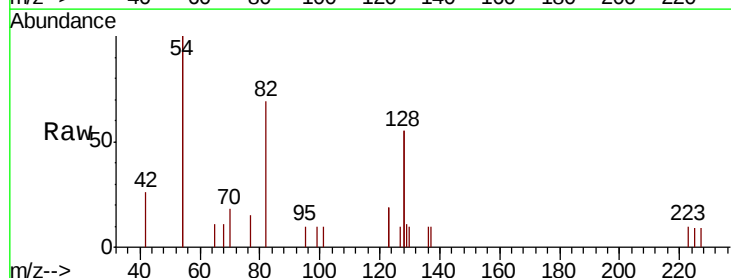
Tgt Ion: 82 Resp: 1322

Ion Ratio Lower Upper

82 100

128 158.4 102.4 153.6#

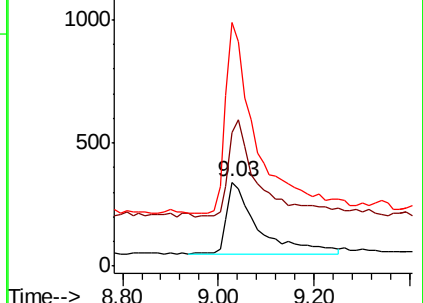
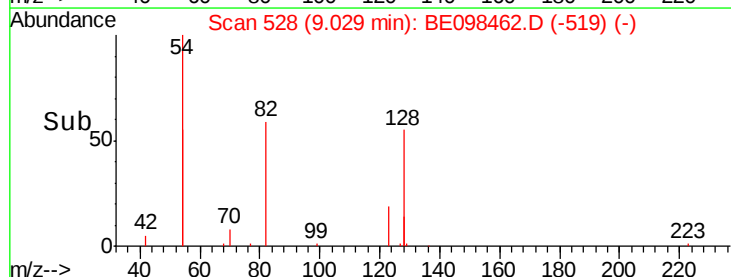
54 289.7 221.8 332.8



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: 0.383 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098462.D

Acq: 15 Dec 2018 8:39

Instrument :

BNA_E

ClientSampleId :

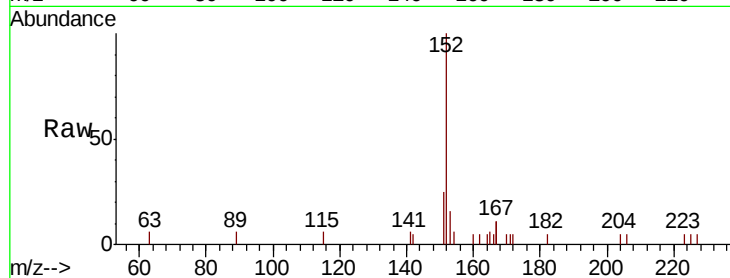
BP-TT-AOC22-MW09-20181211

Tgt Ion:152 Resp: 2326

Ion Ratio Lower Upper

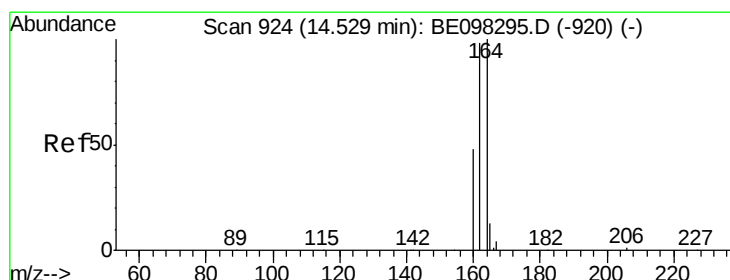
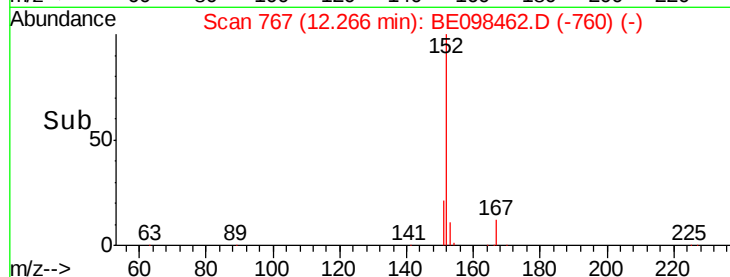
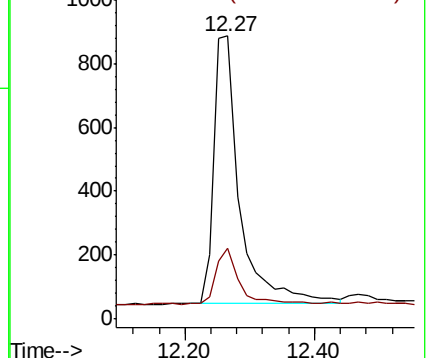
152 100

151 19.0 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: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098462.D

Acq: 15 Dec 2018 8:39

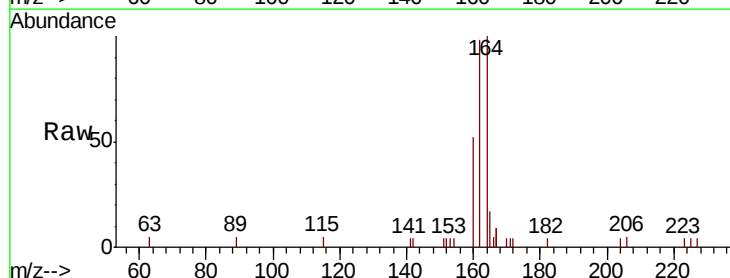
Tgt Ion:164 Resp: 2364

Ion Ratio Lower Upper

164 100

162 97.6 77.6 116.4

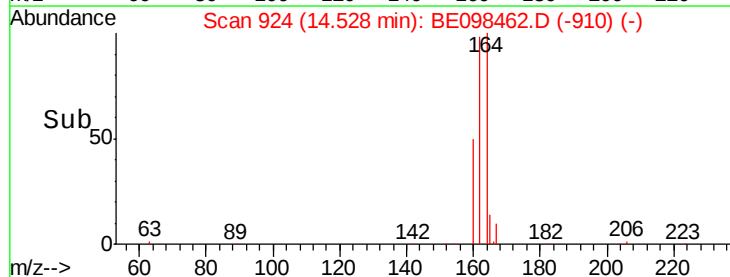
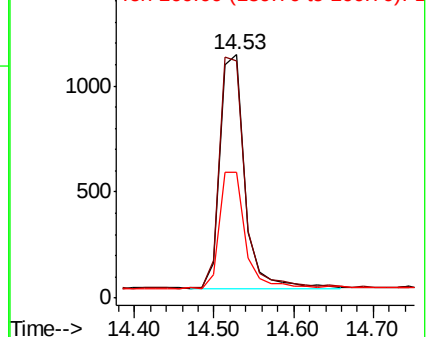
160 51.5 36.0 54.0



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

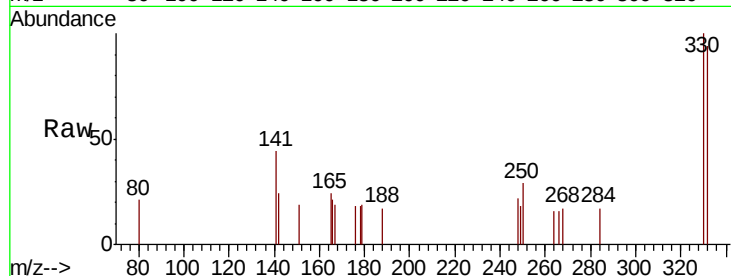




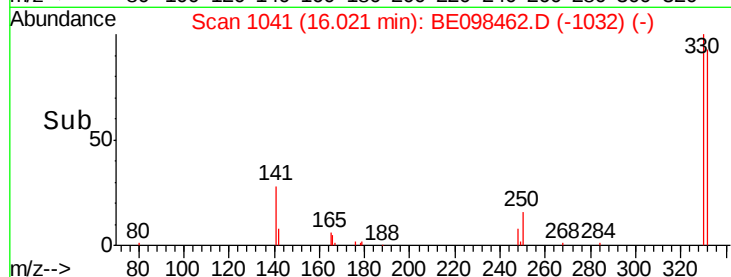
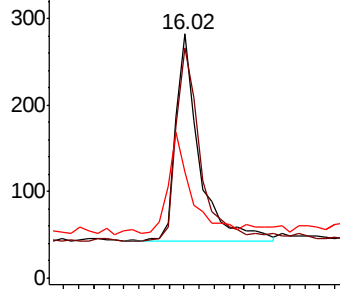
#14
 2,4,6-Tribromophenol
 Concen: 0.593 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098462.D
 Acq: 15 Dec 2018 8:39

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW09-20181211

Tgt Ion:330 Resp: 515
 Ion Ratio Lower Upper
 330 100
 332 101.6 76.2 114.4
 141 47.0 39.0 58.4

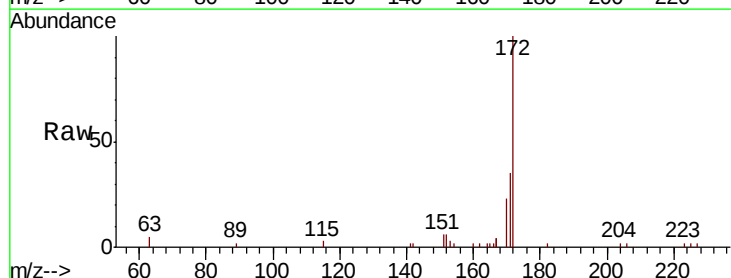


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

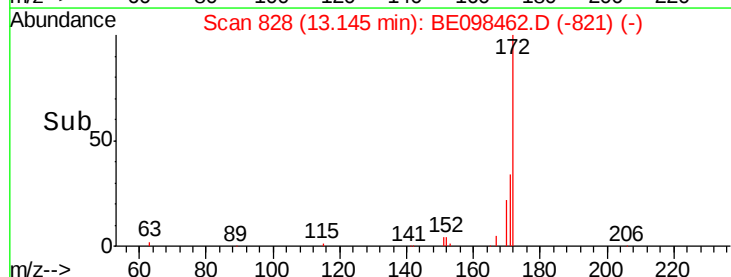
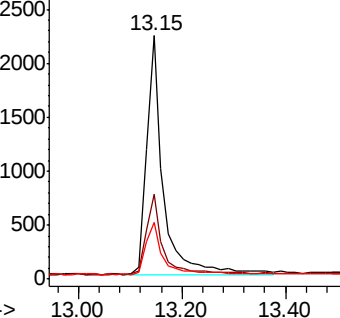


#15
 2-Fluorobiphenyl
 Concen: 0.500 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098462.D
 Acq: 15 Dec 2018 8:39

Tgt Ion:172 Resp: 4981
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.5 41.3
 170 23.3 19.6 29.4



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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098462.D

Acq: 15 Dec 2018 8:39

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW09-20181211

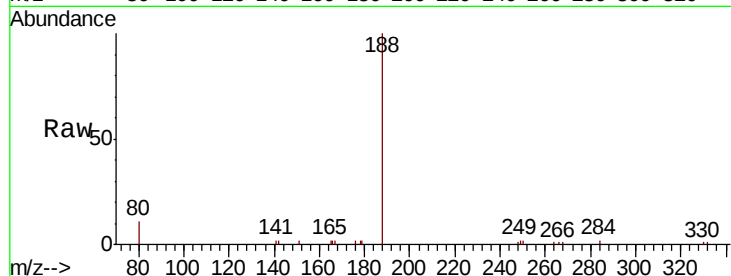
Tgt Ion:188 Resp: 6216

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

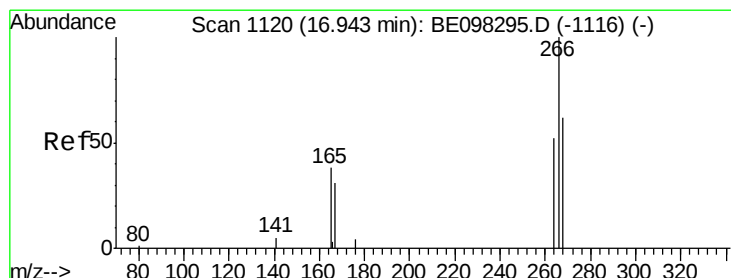
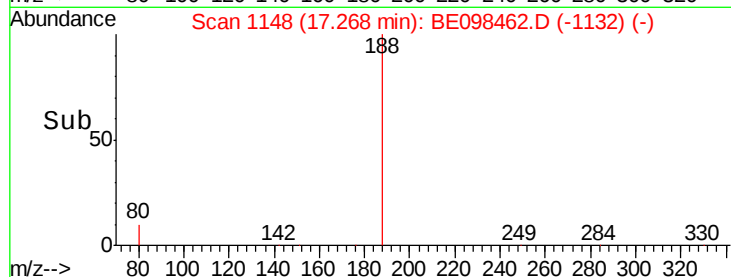
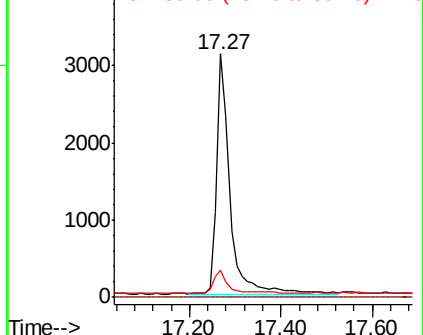
80 11.2 7.2 10.8#



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: 0.021 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098462.D

Acq: 15 Dec 2018 8:39

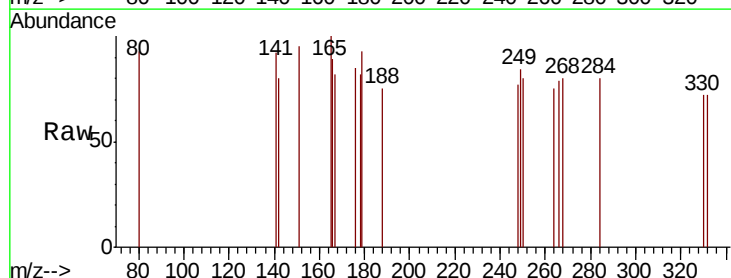
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 95.8 59.0 88.4#

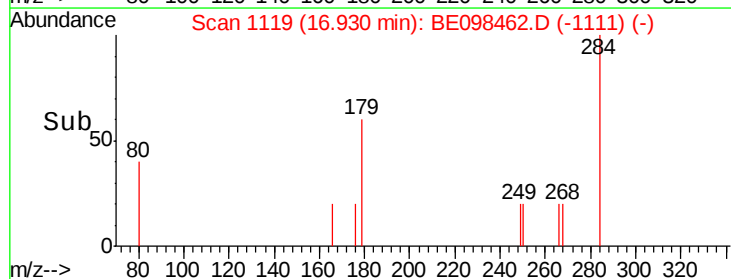
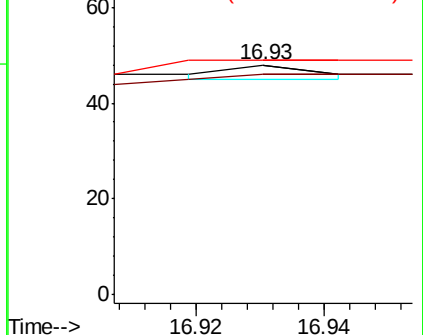
268 102.1 55.1 82.7#

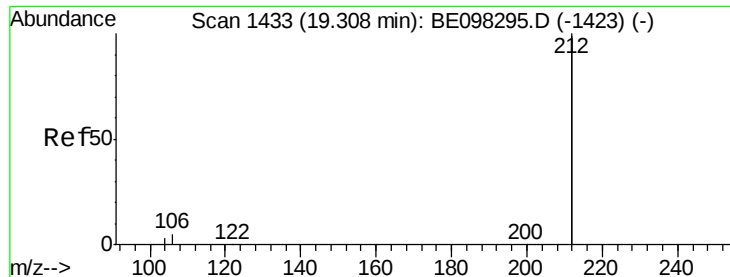


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.440 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE098462.D

Acq: 15 Dec 2018 8:39

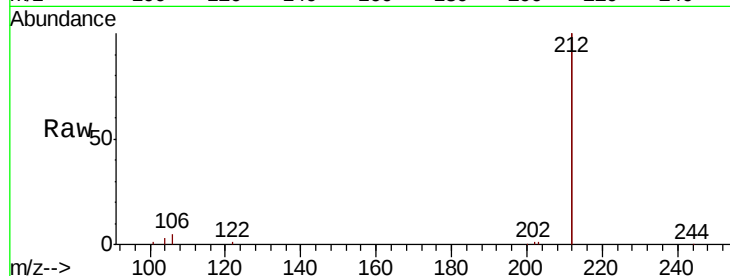
Instrument :

BNA_E

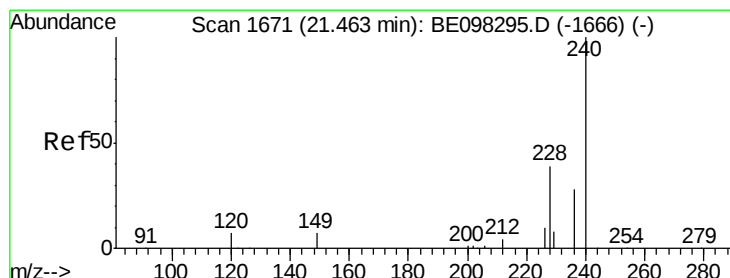
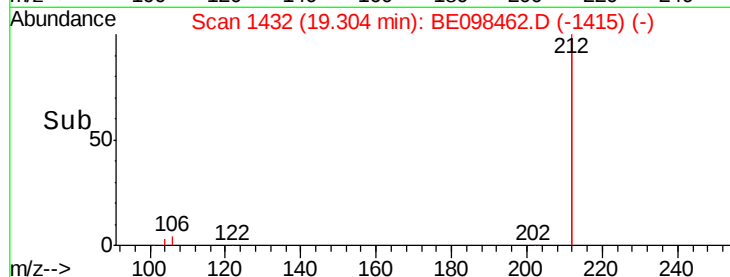
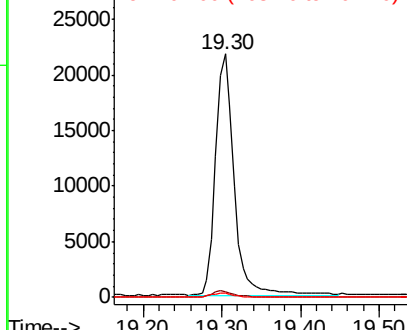
ClientSampleId :

BP-TT-AOC22-MW09-20181211

Tgt Ion:	212	Resp:	35084
Ion	Ratio	Lower	Upper
212	100		
106	2.5	2.2	3.2
104	1.5	1.3	1.9



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

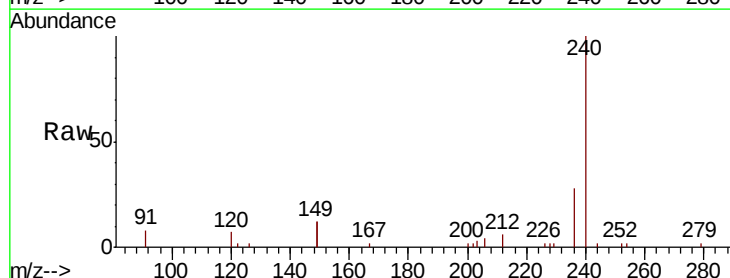
RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

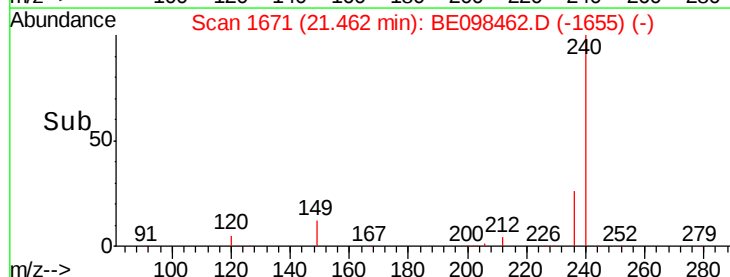
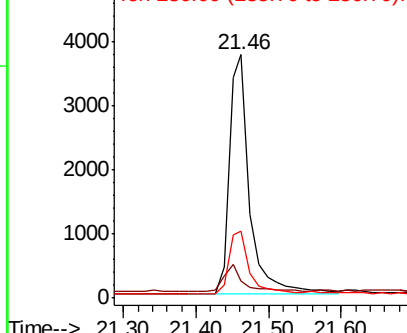
Lab File: BE098462.D

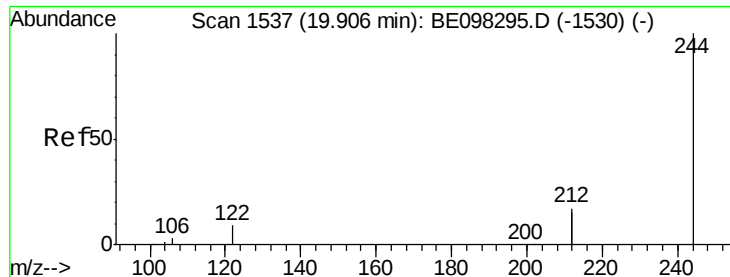
Acq: 15 Dec 2018 8:39

Tgt Ion:	240	Resp:	7427
Ion	Ratio	Lower	Upper
240	100		
120	7.2	9.5	14.3#
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: 0.662 ng

RT: 19.90 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098462.D

Acq: 15 Dec 2018 8:39

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW09-20181211

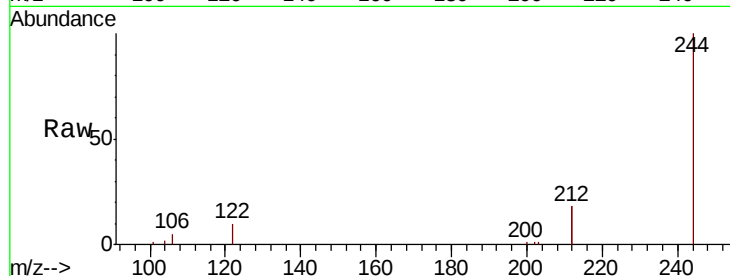
Tgt Ion:244 Resp: 11956

Ion Ratio Lower Upper

244 100

212 36.0 27.4 41.0

122 10.1 8.3 12.5

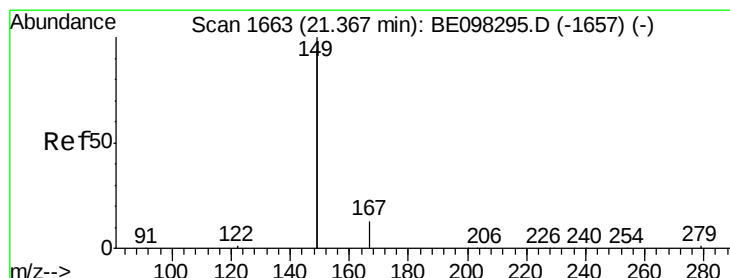
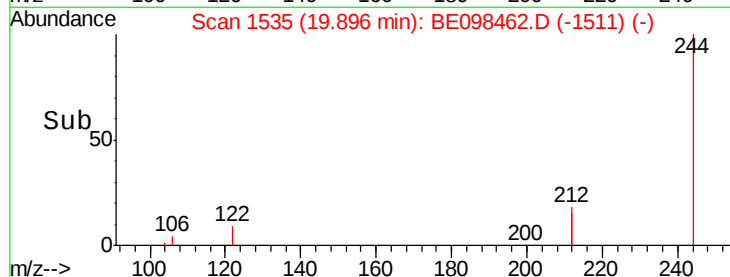
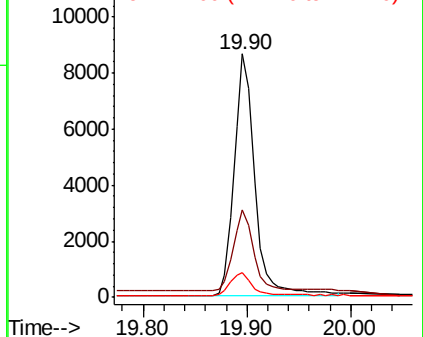


Abundance

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: 0.269 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098462.D

Acq: 15 Dec 2018 8:39

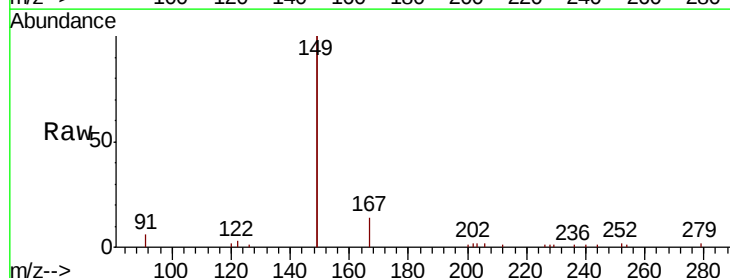
Tgt Ion:149 Resp: 11552

Ion Ratio Lower Upper

149 100

167 6.9 5.7 8.5

279 1.1 1.0 1.4

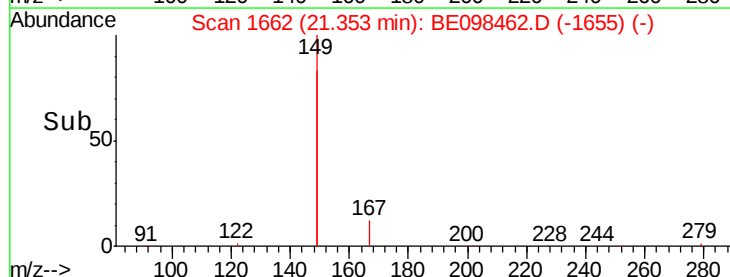
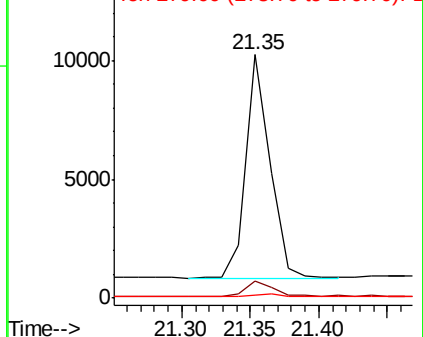


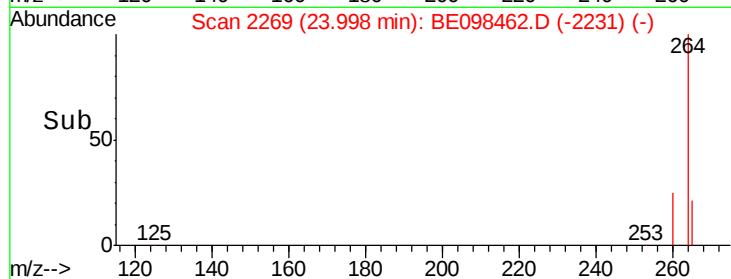
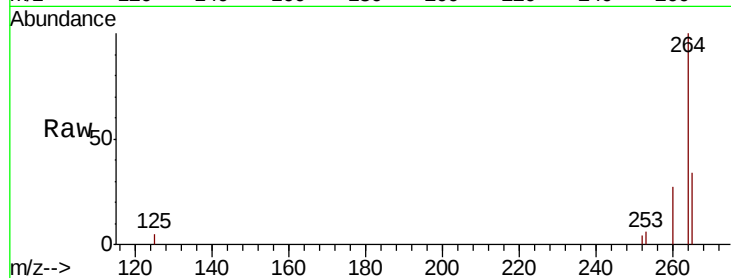
Abundance

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. -0.01 min

Lab File: BE098462.D

Acq: 15 Dec 2018 8:39

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW09-20181211

Tgt Ion:264 Resp: 7102

Ion Ratio Lower Upper

264 100

260 26.8 20.2 30.2

265 33.8 25.2 37.8

