

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121318\
 Data File : BE098420.D
 Acq On : 14 Dec 2018 5:25
 Operator : SJ/JU
 Sample : J6335-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW06-20181207

Quant Time: Dec 14 06:09:11 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

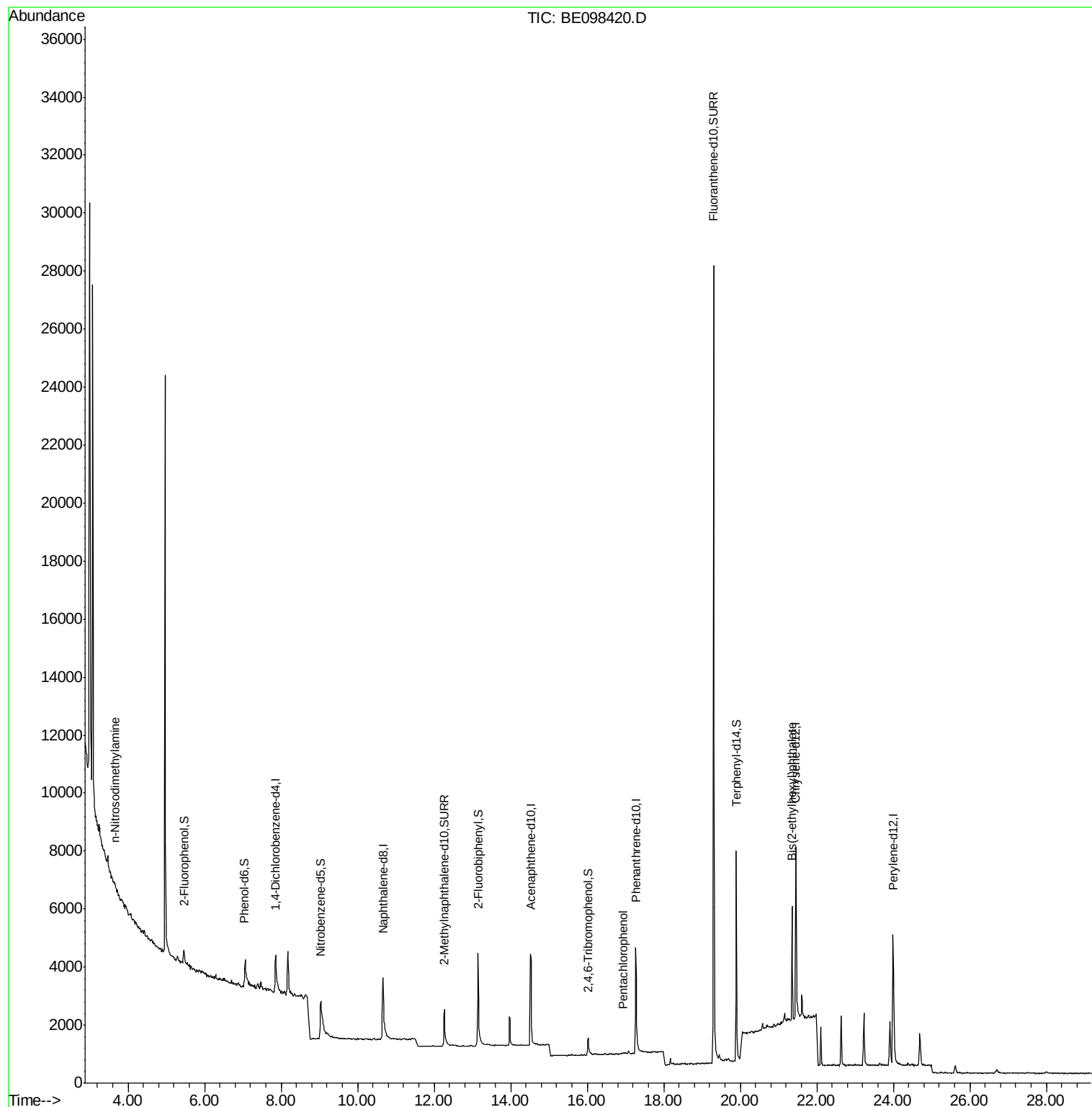
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	896	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3742	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	2416	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	6647	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	7962	0.40	ng	-0.01
34) Perylene-d12	24.00	264	7603	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	432	0.21	ng	0.00
5) Phenol-d6	7.04	99	395	0.13	ng	0.00
8) Nitrobenzene-d5	9.04	82	1243	0.36	ng	0.02
11) 2-Methylnaphthalene-d10	12.27	152	2577	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	517	0.58	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	4413	0.43	ng	0.00
25) Fluoranthene-d10	19.30	212	40008	0.47	ng	0.00
29) Terphenyl-d14	19.89	244	7193	0.37	ng	-0.01
Target Compounds						
3) n-Nitrosodimethylamine	3.66	42	51	0.037	ng	# 100
22) Pentachlorophenol	16.94	266	38	0.081	ng	# 73
32) Bis(2-ethylhexyl)phthalate	21.35	149	4669	0.101	ng	99

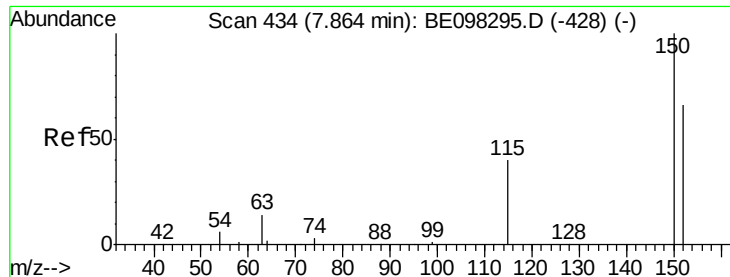
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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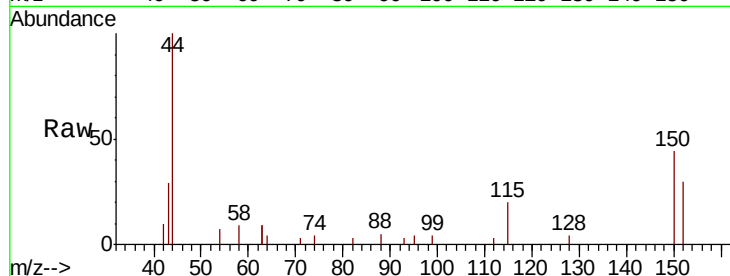


#1

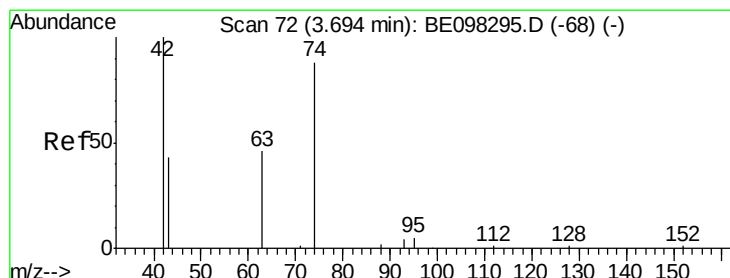
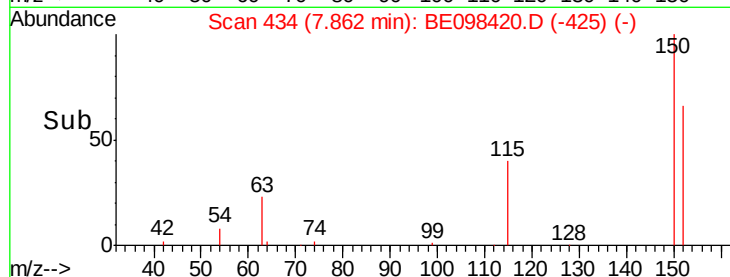
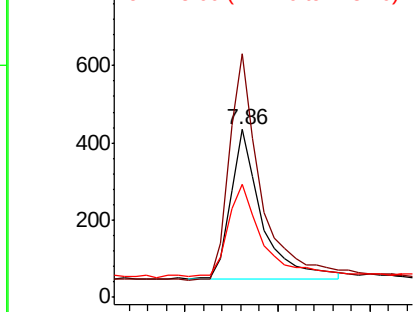
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098420.D
Acq: 14 Dec 2018 5:25

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW06-20181207

Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.4	124.2	186.4
115	67.5	53.9	80.9



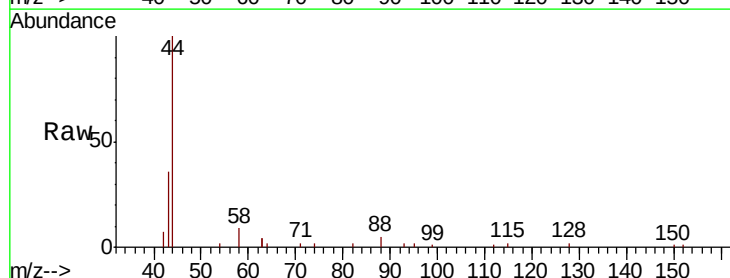
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



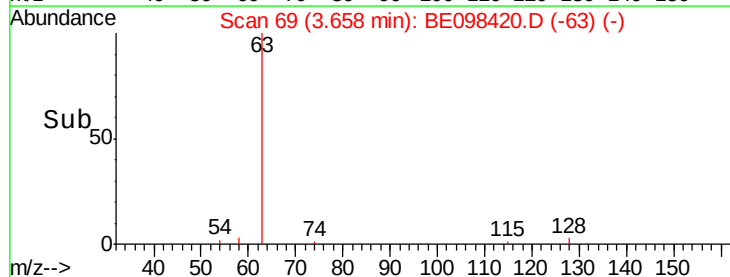
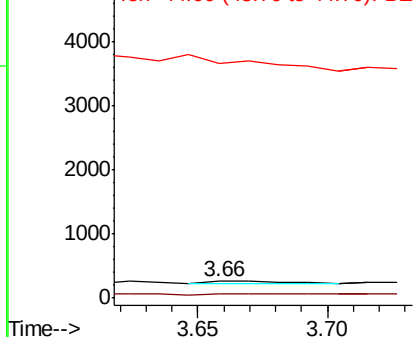
#3

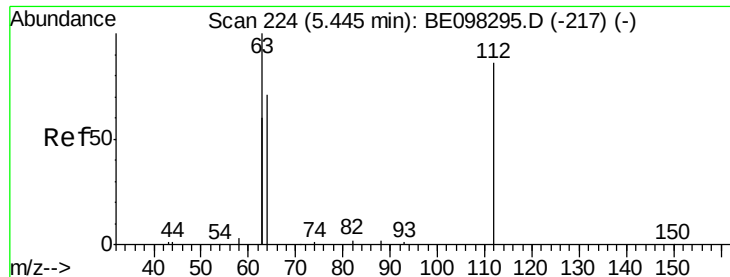
n-Nitrosodimethylamine
Concen: 0.037 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.04 min
Lab File: BE098420.D
Acq: 14 Dec 2018 5:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	21.6	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: 0.206 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098420.D

Acq: 14 Dec 2018 5:25

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20181207

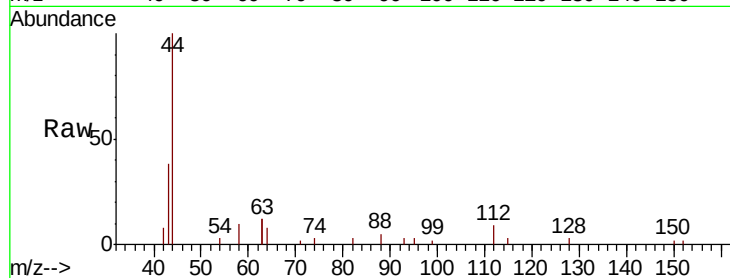
Tgt Ion: 112 Resp: 432

Ion Ratio Lower Upper

112 100

64 79.9 59.8 89.8

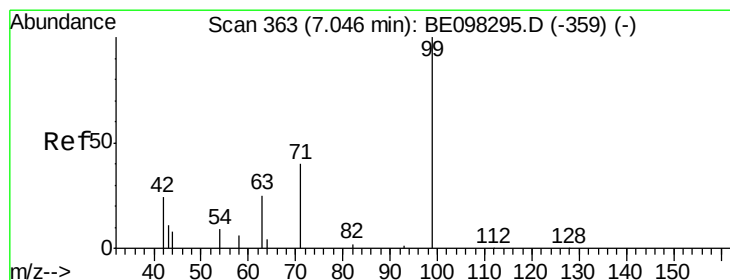
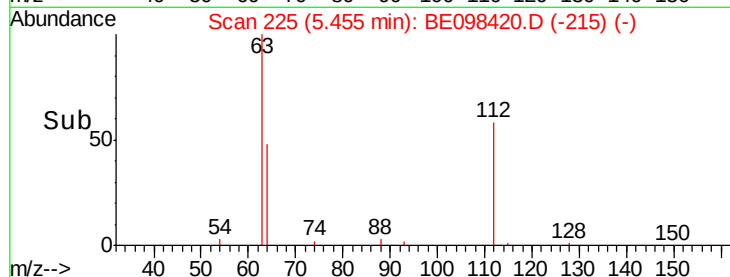
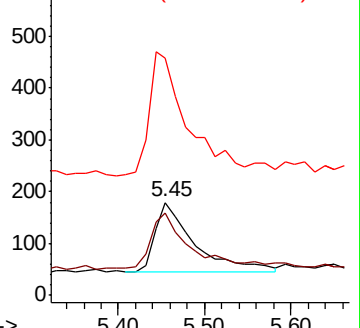
63 172.5 133.7 200.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.133 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098420.D

Acq: 14 Dec 2018 5:25

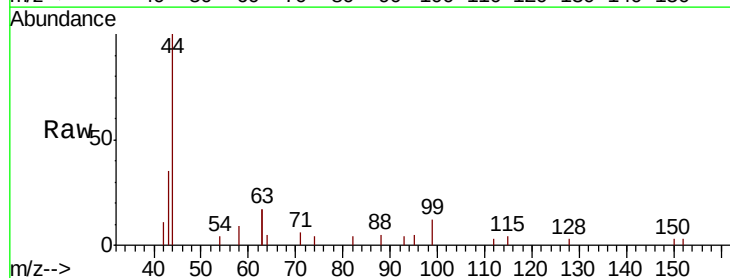
Tgt Ion: 99 Resp: 395

Ion Ratio Lower Upper

99 100

42 48.1 26.3 39.5#

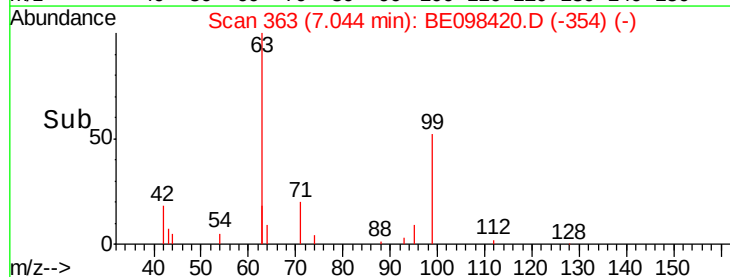
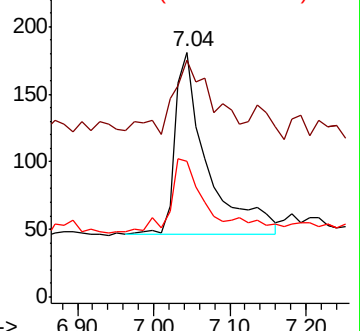
71 38.7 33.6 50.4

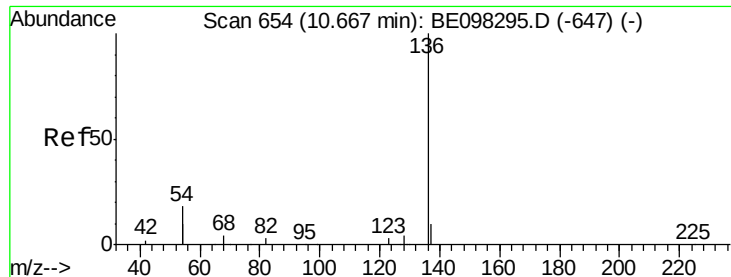


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098420.D

Acq: 14 Dec 2018 5:25

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20181207

Tgt Ion: 136 Resp: 3742

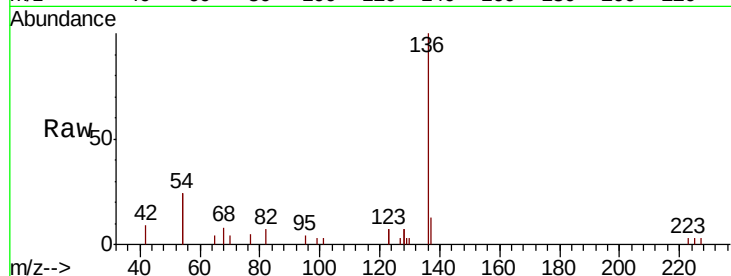
Ion Ratio Lower Upper

136 100

137 13.5 9.2 13.8

54 47.6 28.4 42.6#

68 8.1 5.4 8.0#

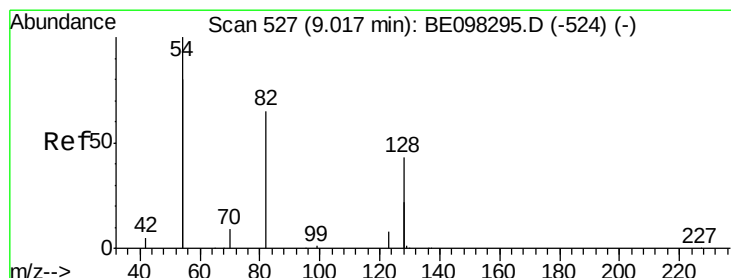
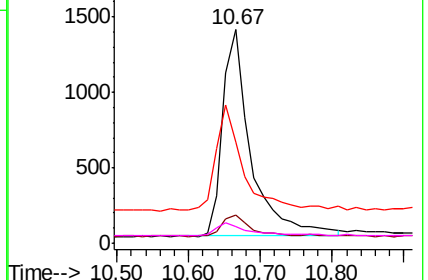
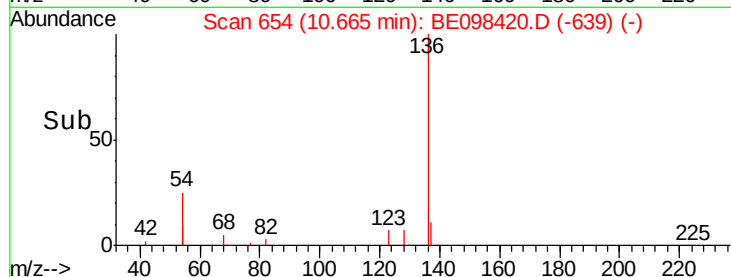


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.365 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.02 min

Lab File: BE098420.D

Acq: 14 Dec 2018 5:25

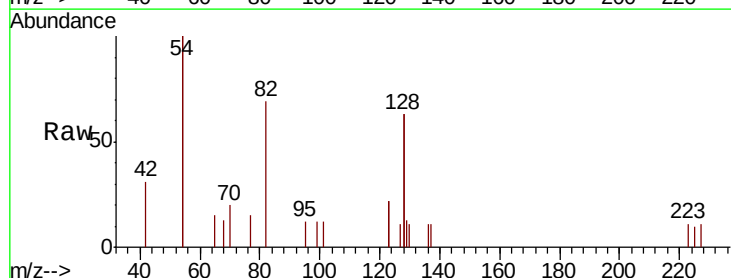
Tgt Ion: 82 Resp: 1243

Ion Ratio Lower Upper

82 100

128 183.1 102.4 153.6#

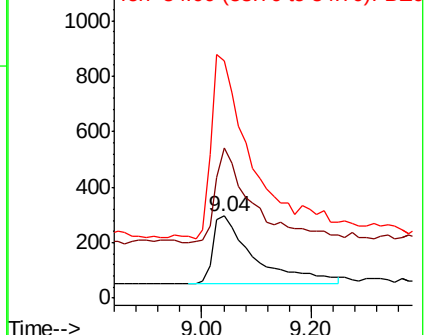
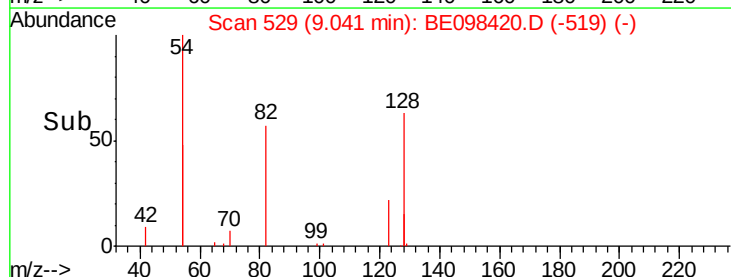
54 290.2 221.8 332.8

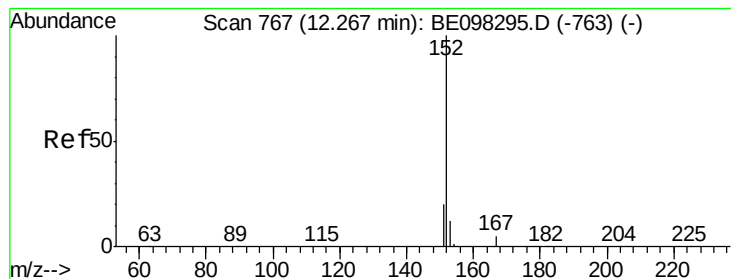


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.424 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098420.D

Acq: 14 Dec 2018 5:25

Instrument :

BNA_E

ClientSampleId :

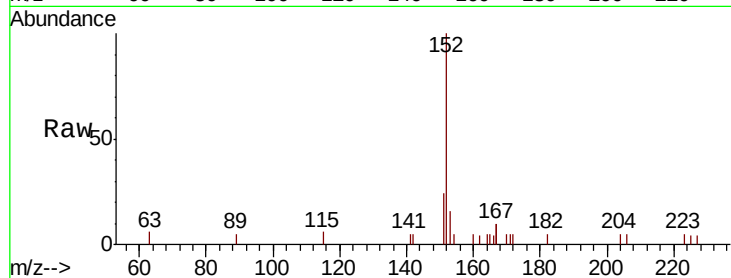
BP-TT-AOC22-MW06-20181207

Tgt Ion:152 Resp: 2577

Ion Ratio Lower Upper

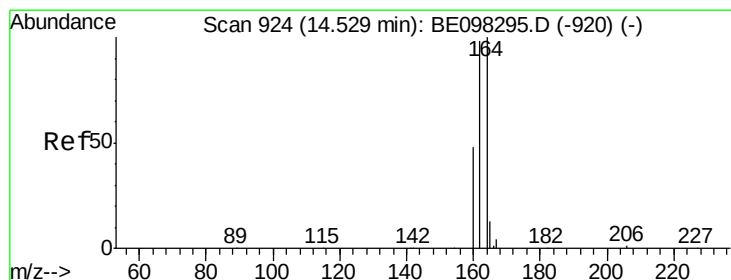
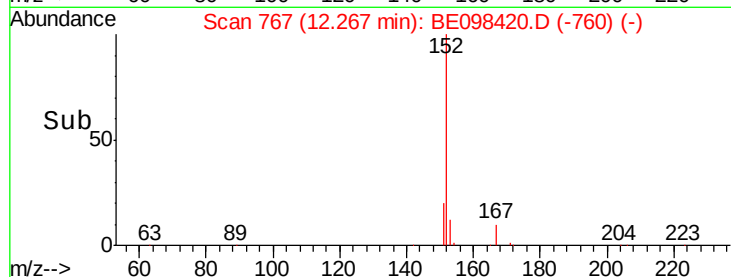
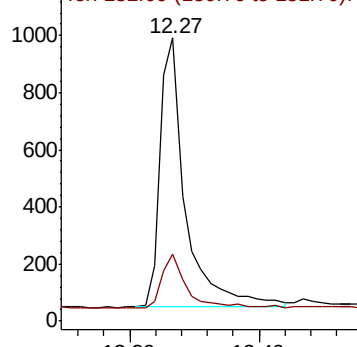
152 100

151 18.8 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. -0.01 min

Lab File: BE098420.D

Acq: 14 Dec 2018 5:25

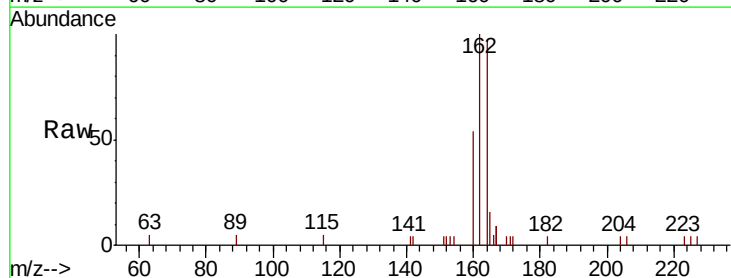
Tgt Ion:164 Resp: 2416

Ion Ratio Lower Upper

164 100

162 103.3 77.6 116.4

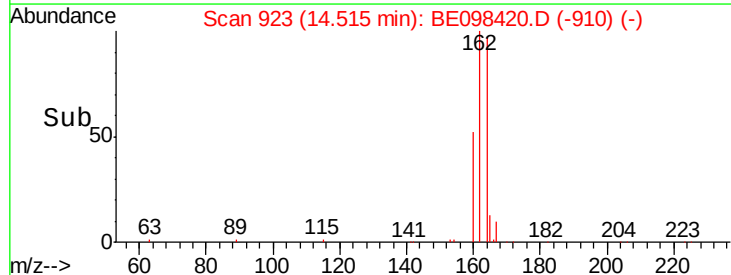
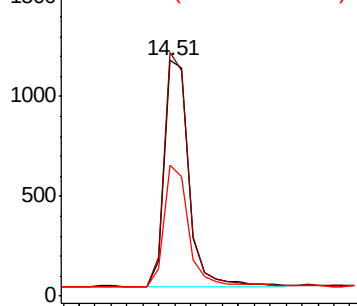
160 55.7 36.0 54.0#

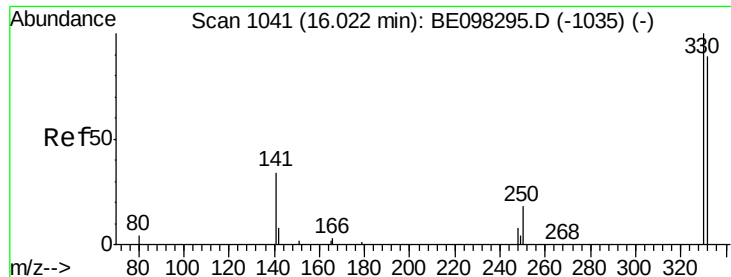


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

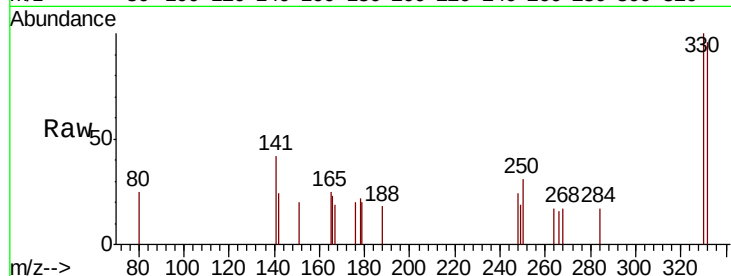




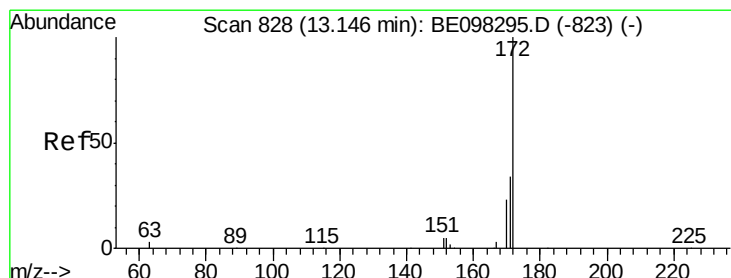
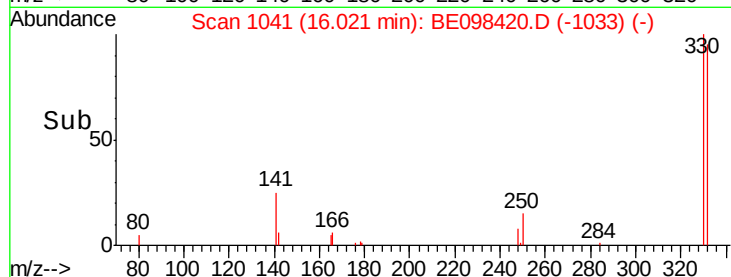
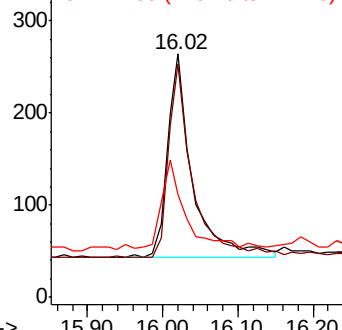
#14
 2,4,6-Tribromophenol
 Concen: 0.583 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098420.D
 Acq: 14 Dec 2018 5:25

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW06-20181207

Tgt Ion: 330 Resp: 517
 Ion Ratio Lower Upper
 330 100
 332 93.4 76.2 114.4
 141 42.0 39.0 58.4

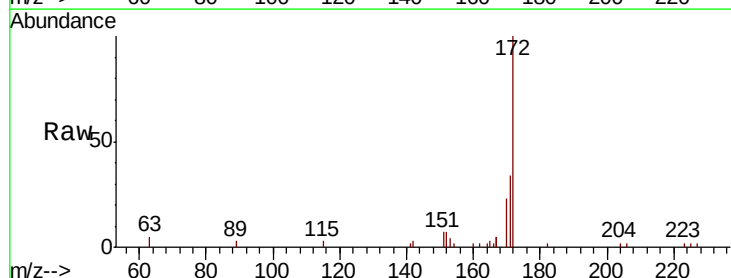


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

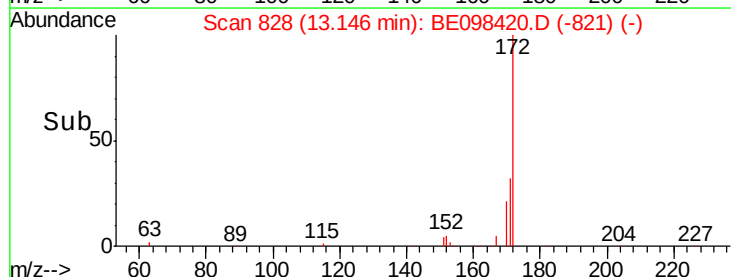
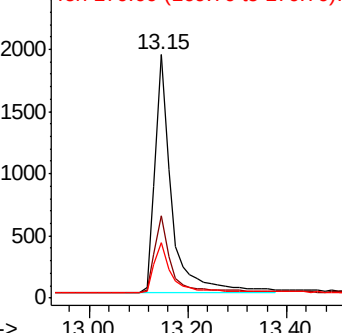


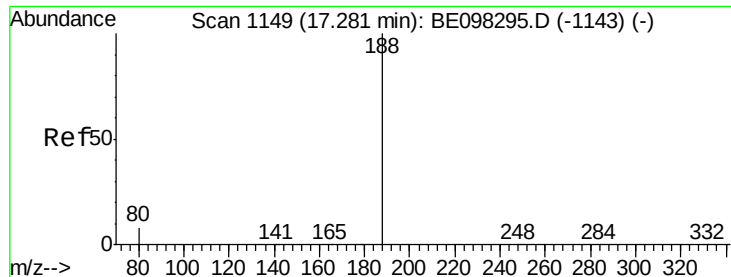
#15
 2-Fluorobiphenyl
 Concen: 0.433 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098420.D
 Acq: 14 Dec 2018 5:25

Tgt Ion: 172 Resp: 4413
 Ion Ratio Lower Upper
 172 100
 171 33.9 27.5 41.3
 170 22.8 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: BE098420.D

Acq: 14 Dec 2018 5:25

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20181207

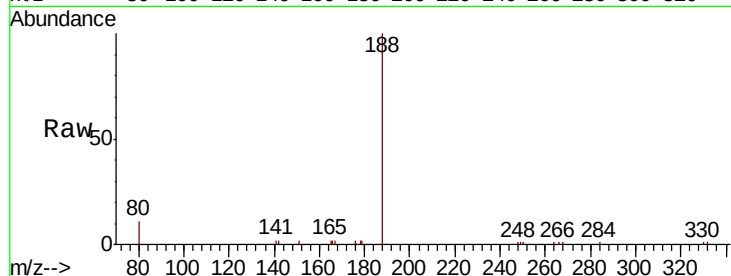
Tgt Ion:188 Resp: 6647

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

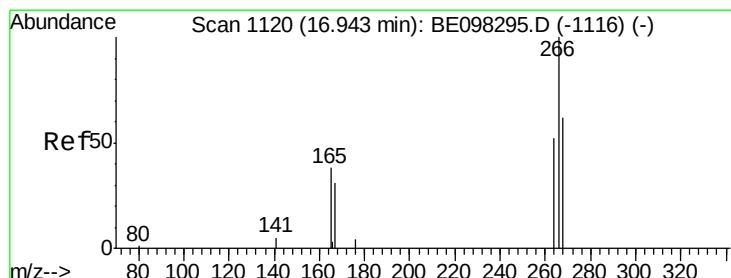
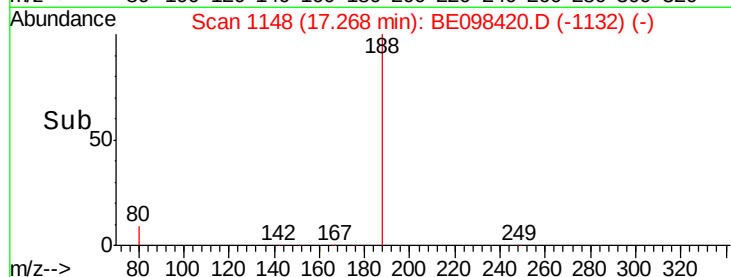
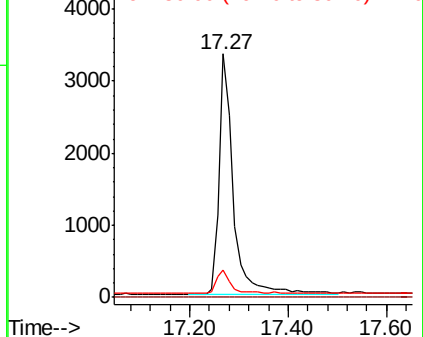
80 11.0 7.2 10.8#



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: 0.081 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098420.D

Acq: 14 Dec 2018 5:25

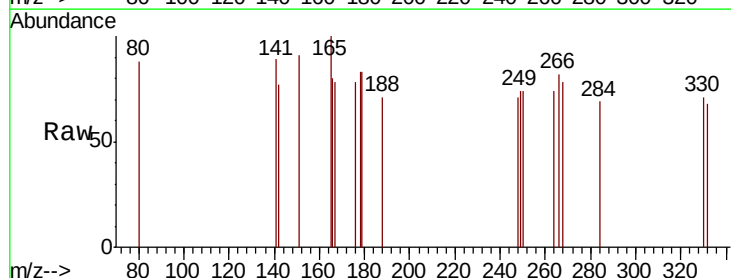
Tgt Ion:266 Resp: 38

Ion Ratio Lower Upper

266 100

264 90.6 59.0 88.4#

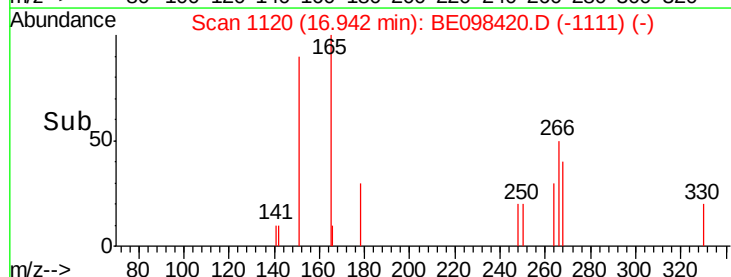
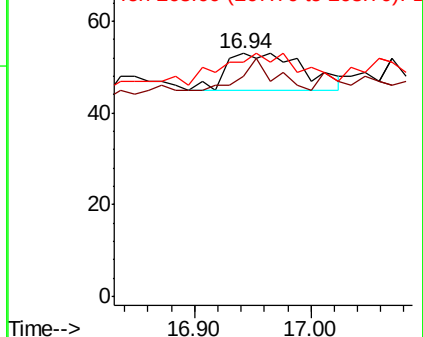
268 96.2 55.1 82.7#

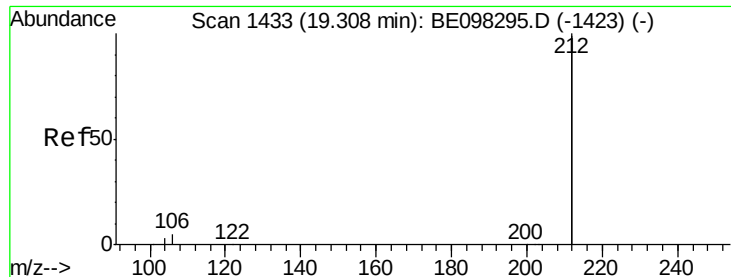


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.469 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098420.D

Acq: 14 Dec 2018 5:25

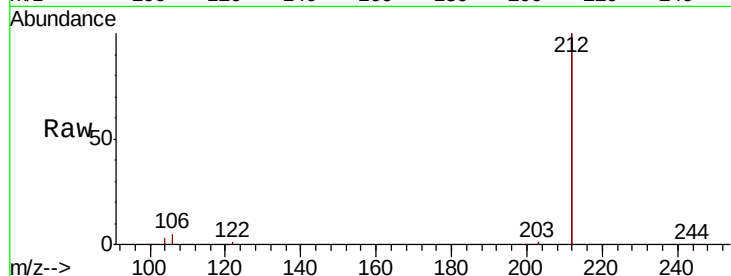
Instrument :

BNA_E

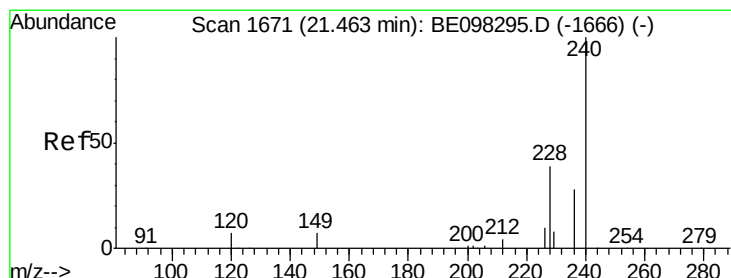
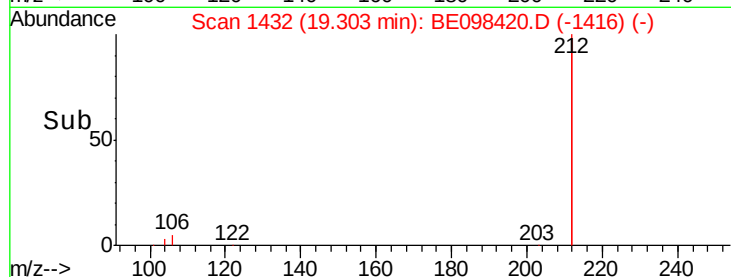
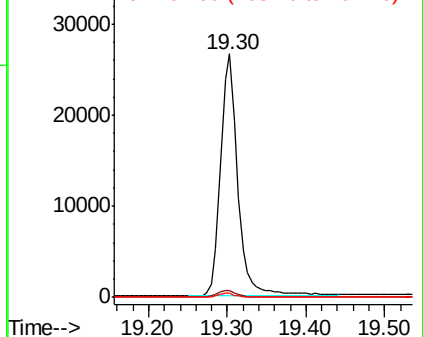
ClientSampleId :

BP-TT-AOC22-MW06-20181207

Tgt Ion:	212	Resp:	40008
Ion	Ratio	Lower	Upper
212	100		
106	2.6	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

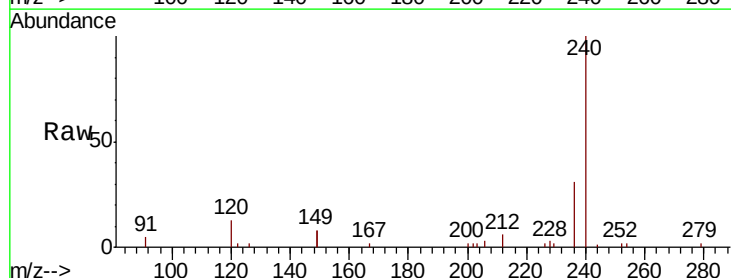
RT: 21.45 min Scan# 1670

Delta R.T. -0.01 min

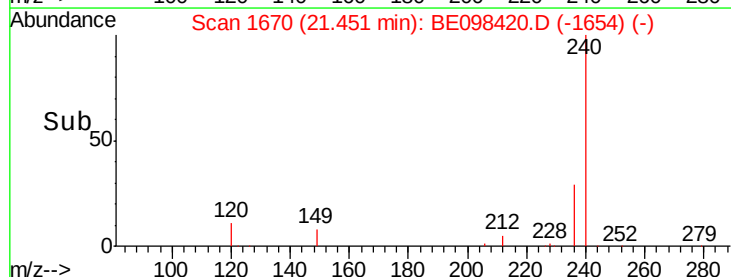
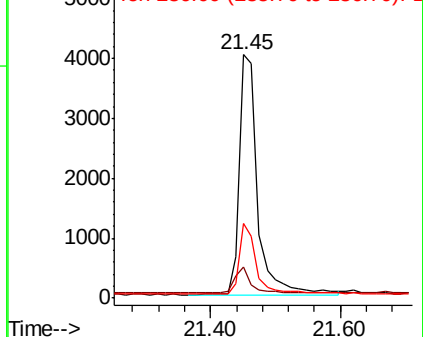
Lab File: BE098420.D

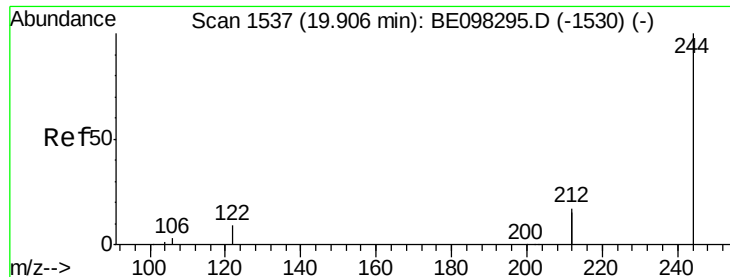
Acq: 14 Dec 2018 5:25

Tgt Ion:	240	Resp:	7962
Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	30.6	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: 0.372 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098420.D

Acq: 14 Dec 2018 5:25

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20181207

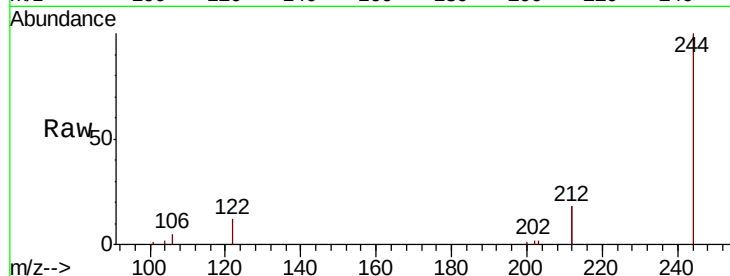
Tgt Ion:244 Resp: 7193

Ion Ratio Lower Upper

244 100

212 36.3 27.4 41.0

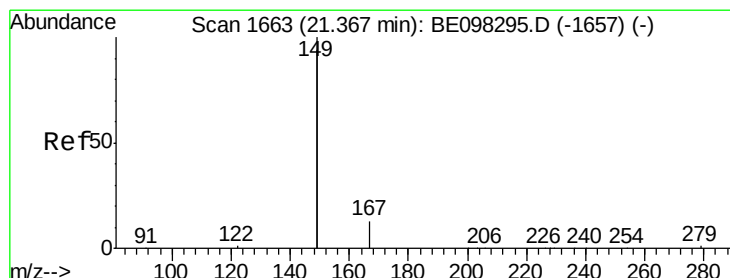
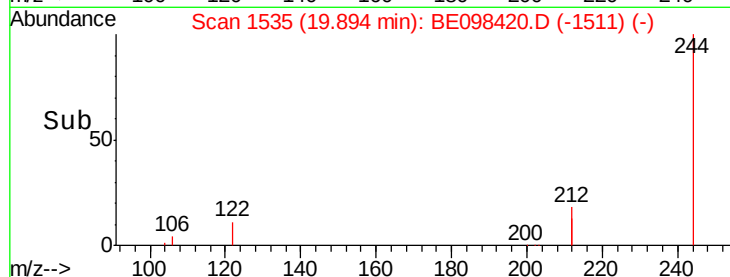
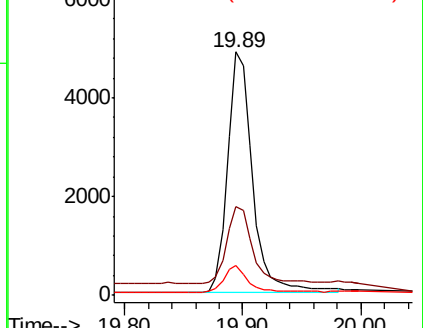
122 12.2 8.3 12.5



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: 0.101 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098420.D

Acq: 14 Dec 2018 5:25

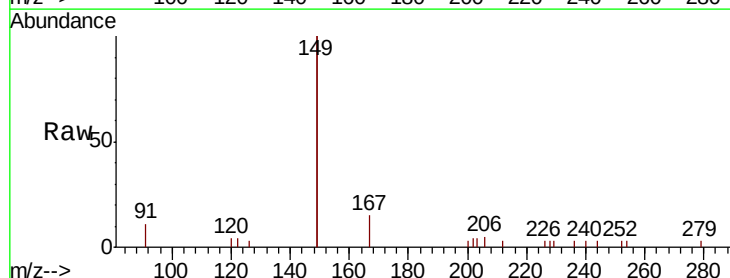
Tgt Ion:149 Resp: 4669

Ion Ratio Lower Upper

149 100

167 6.7 5.7 8.5

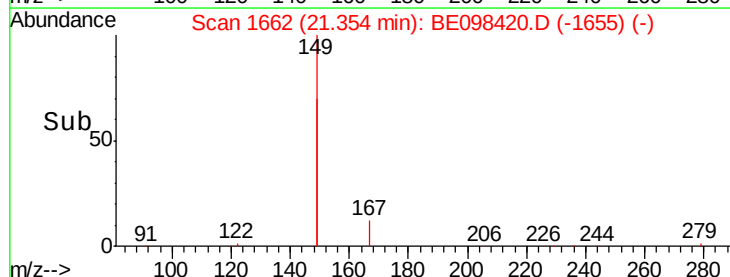
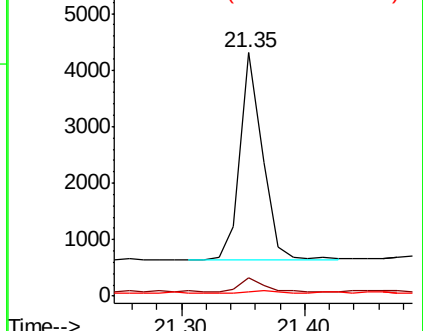
279 1.1 1.0 1.4

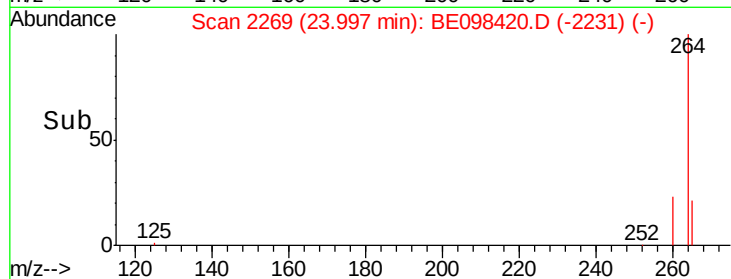
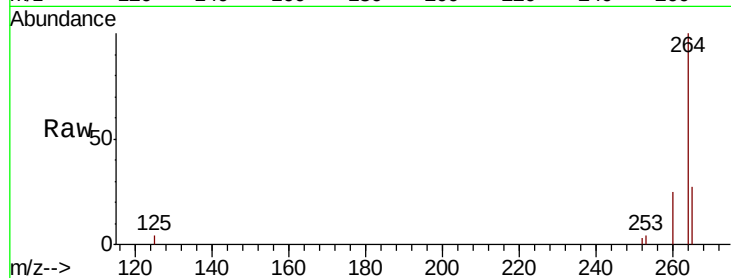
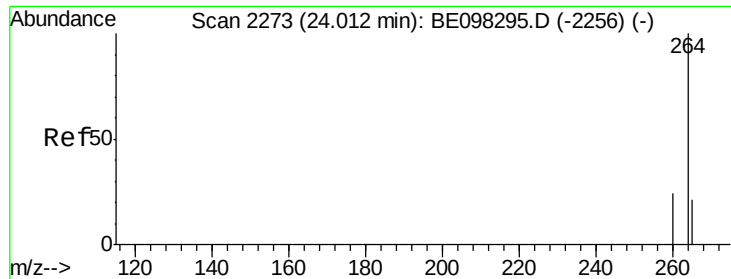


Abundance Ion 149.00 (148.70 to 149.70): E

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. -0.02 min

Lab File: BE098420.D

Acq: 14 Dec 2018 5:25

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20181207

Tgt Ion: 264 Resp: 7603

Ion Ratio Lower Upper

264 100

260 24.6 20.2 30.2

265 27.3 25.2 37.8

