

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121318\
 Data File : BE098421.D
 Acq On : 14 Dec 2018 6:03
 Operator : SJ/JU
 Sample : J6335-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW08-20181207

Quant Time: Dec 14 07:15:57 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

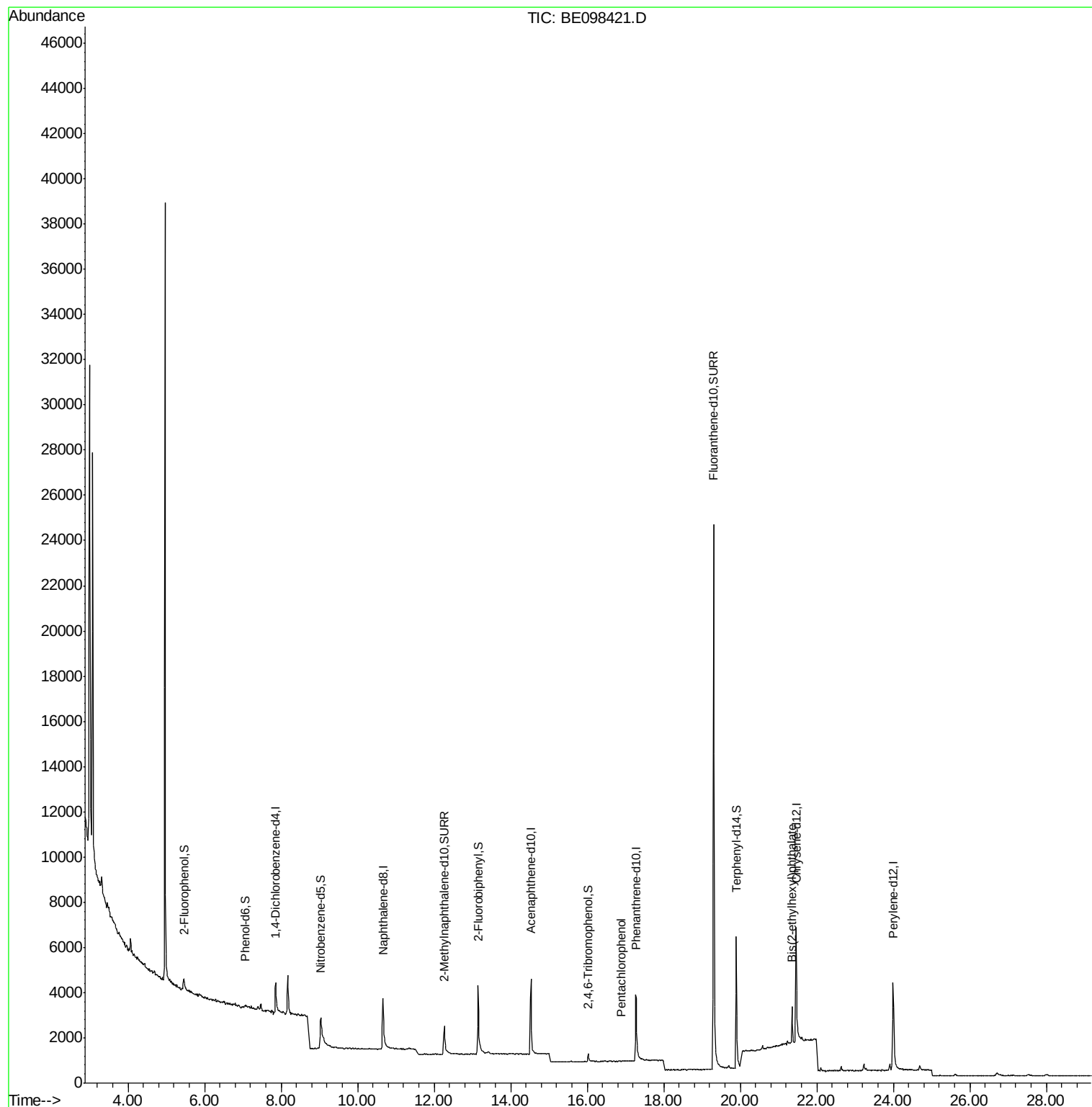
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	891	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4027	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2506	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	6500	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	7572	0.40	ng	0.00
34) Perylene-d12	24.00	264	7036	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	466	0.22	ng	0.01
5) Phenol-d6	7.06	99	281	0.10	ng	0.01
8) Nitrobenzene-d5	9.04	82	1402	0.38	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	2778	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	352	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	4532	0.43	ng	0.00
25) Fluoranthene-d10	19.30	212	39377	0.47	ng	0.00
29) Terphenyl-d14	19.90	244	6528	0.35	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.88	266	3	0.021	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.35	149	2127	0.049	ng	# 98

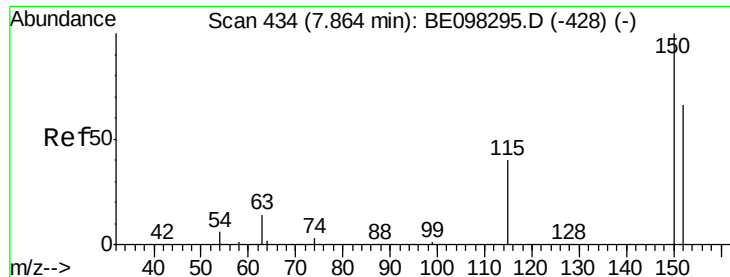
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098421.D

Acq: 14 Dec 2018 6:03

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW08-20181207

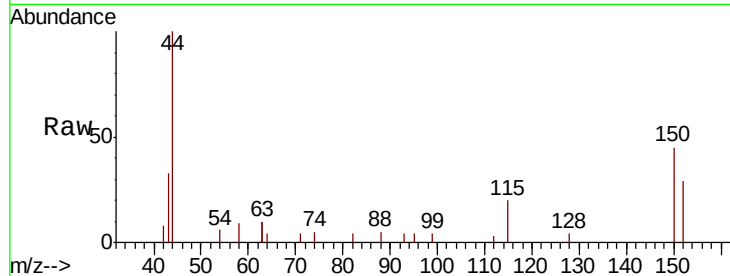
Tgt Ion:152 Resp: 891

Ion Ratio Lower Upper

152 100

150 157.7 124.2 186.4

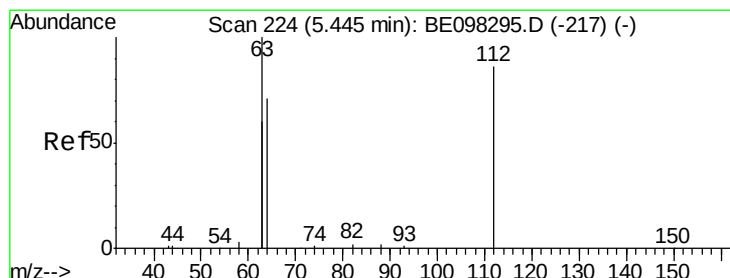
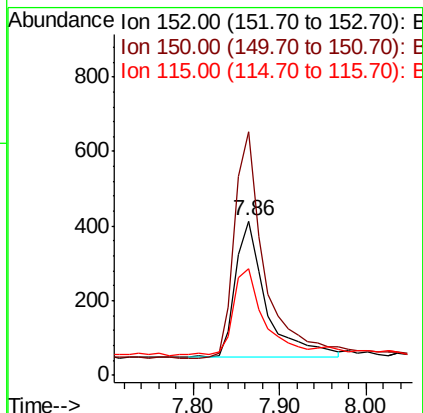
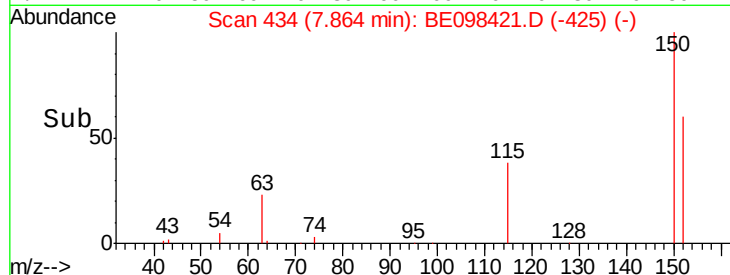
115 69.1 53.9 80.9



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



#4

2-Fluorophenol

Concen: 0.223 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098421.D

Acq: 14 Dec 2018 6:03

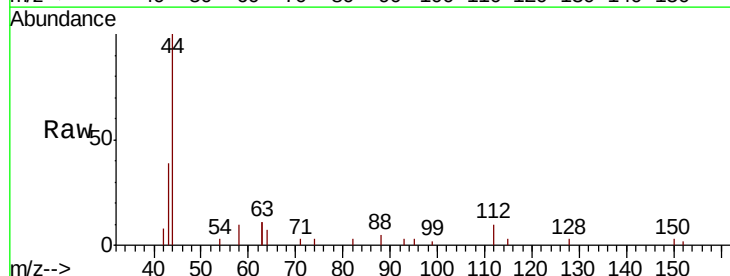
Tgt Ion:112 Resp: 466

Ion Ratio Lower Upper

112 100

64 66.5 59.8 89.8

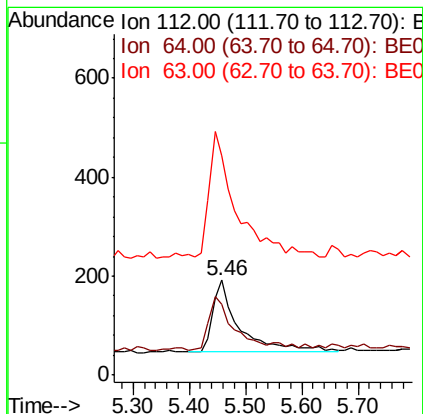
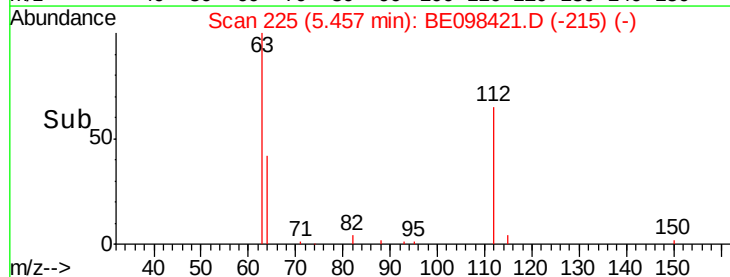
63 178.5 133.7 200.5

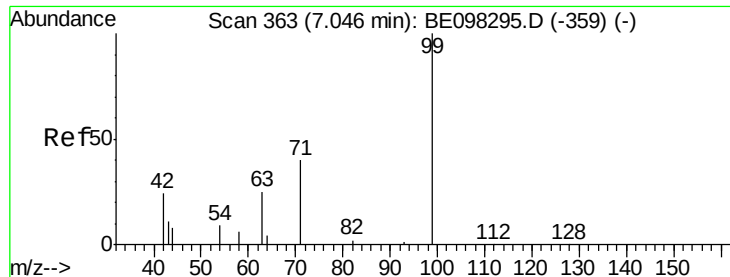


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.095 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098421.D

Acq: 14 Dec 2018 6:03

Instrument :

BNA_E

ClientSampleId :

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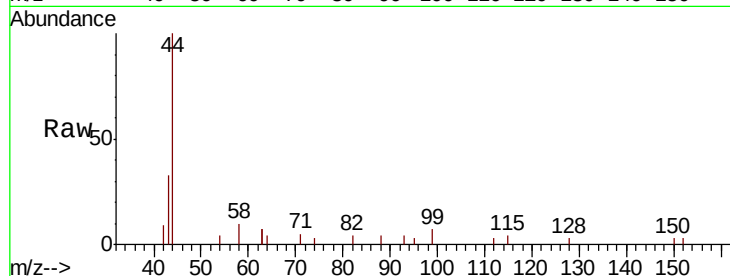
Tgt Ion: 99 Resp: 281

Ion Ratio Lower Upper

99 100

42 16.0 26.3 39.5#

71 33.1 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

7.06

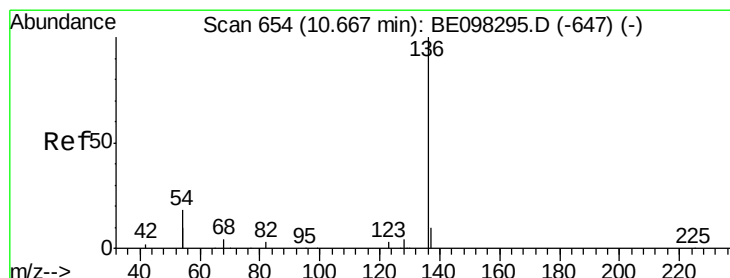
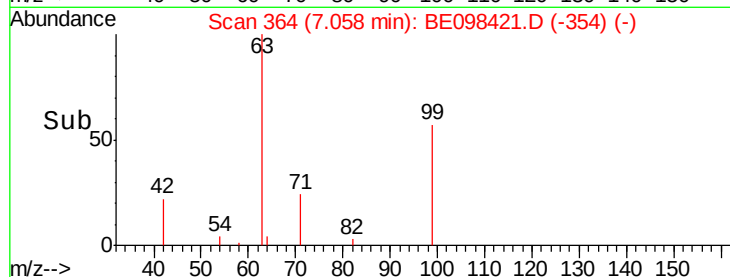
100

50

0

7.00 7.10 7.20

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098421.D

Acq: 14 Dec 2018 6:03

Tgt Ion: 136 Resp: 4027

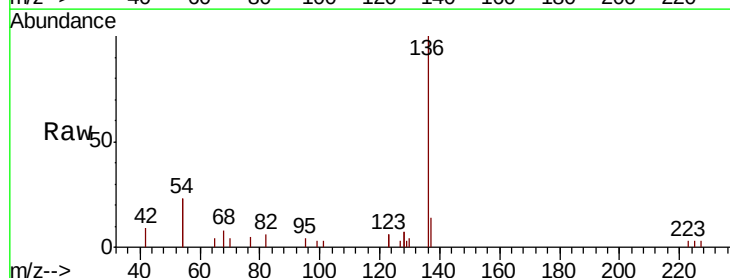
Ion Ratio Lower Upper

136 100

137 13.7 9.2 13.8

54 46.8 28.4 42.6#

68 8.0 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

10.67

1500

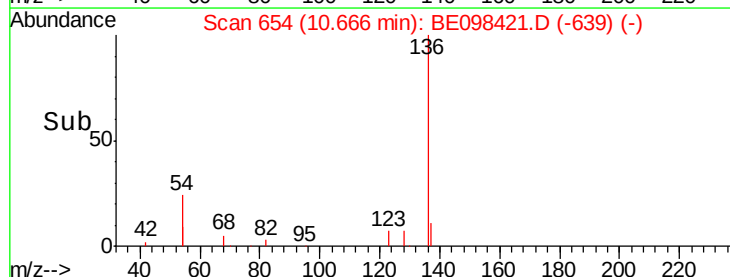
1000

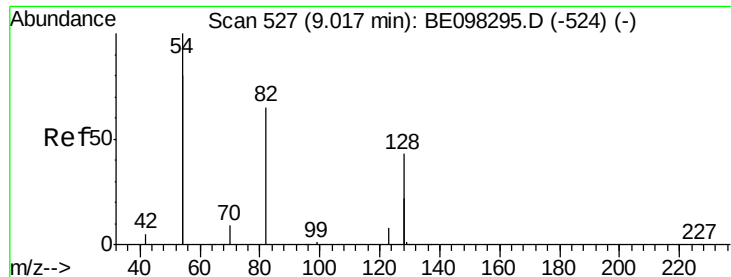
500

0

10.50 10.60 10.70 10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.382 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098421.D

Acq: 14 Dec 2018 6:03

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW08-20181207

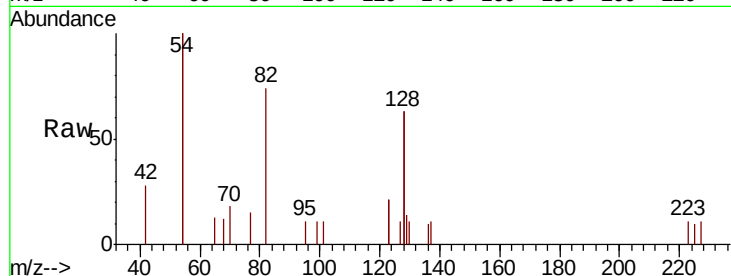
Tgt Ion: 82 Resp: 1402

Ion Ratio Lower Upper

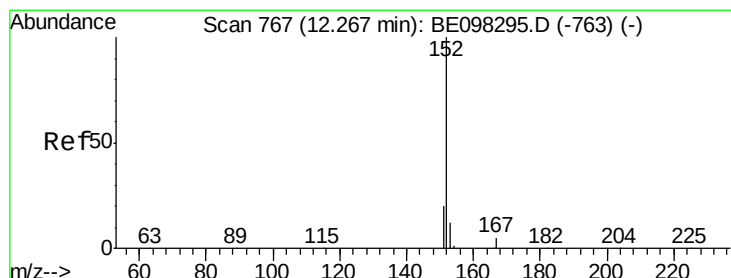
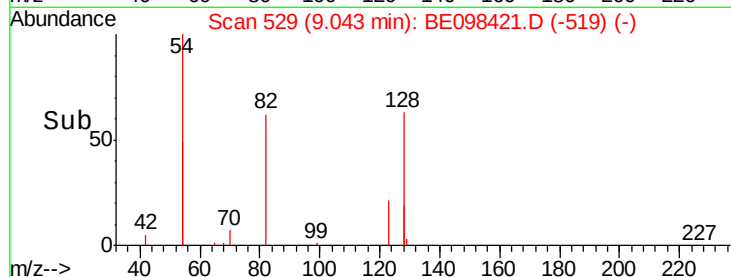
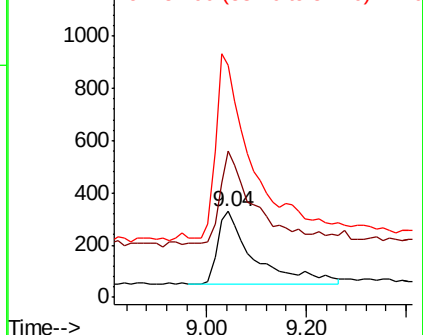
82 100

128 169.6 102.4 153.6#

54 269.9 221.8 332.8



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: BE098421.D

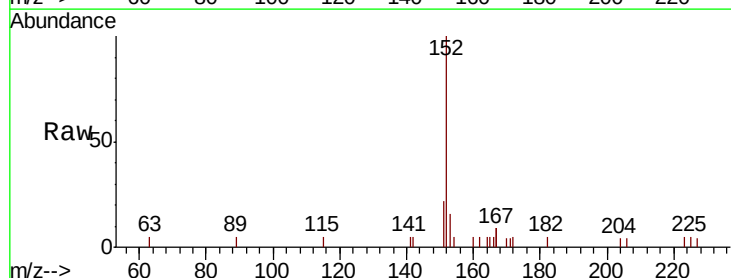
Acq: 14 Dec 2018 6:03

Tgt Ion: 152 Resp: 2778

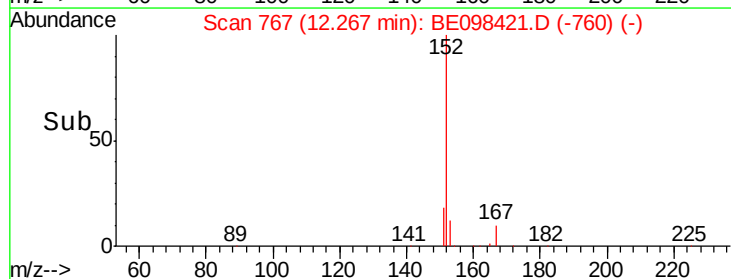
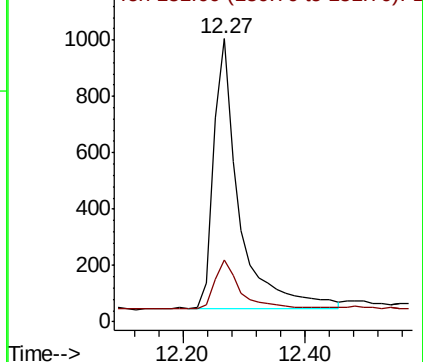
Ion Ratio Lower Upper

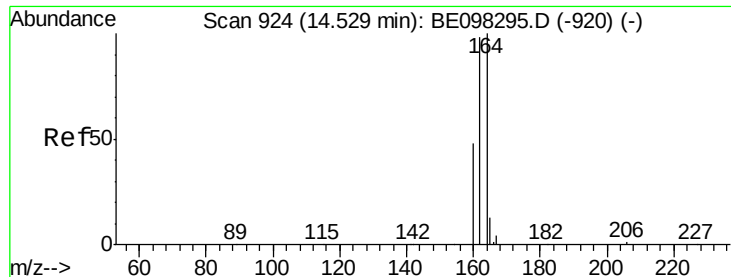
152 100

151 18.4 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

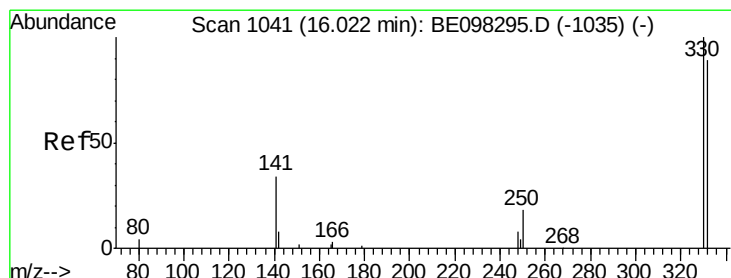
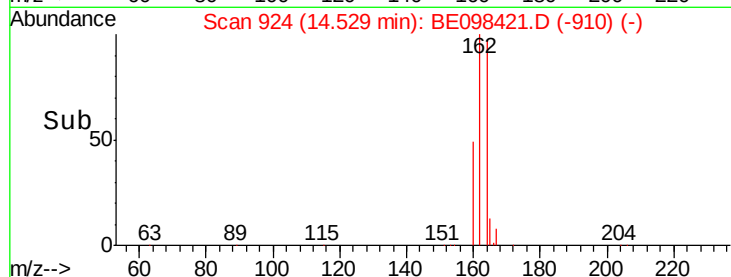
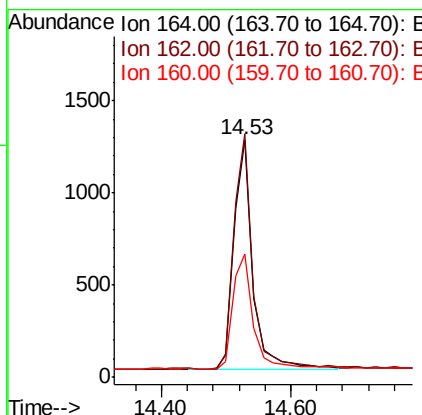
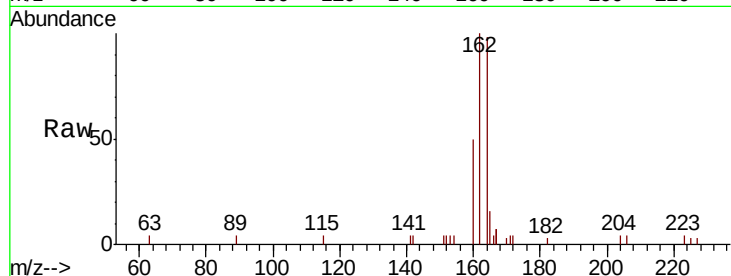




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BE098421.D
 Acq: 14 Dec 2018 6:03

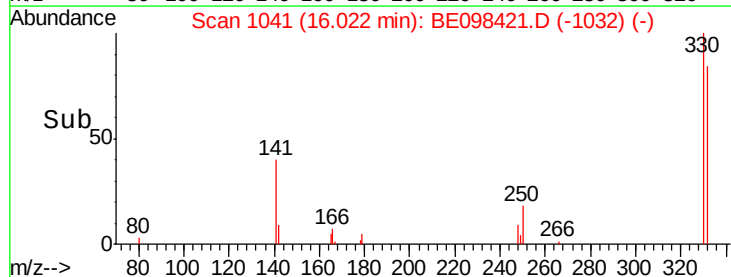
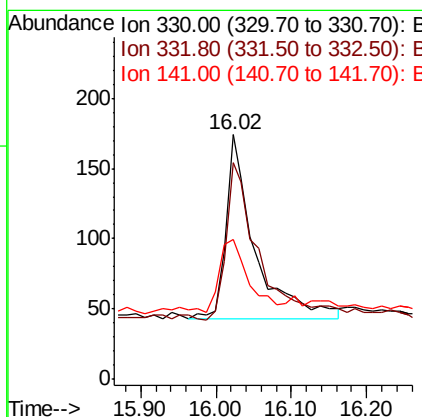
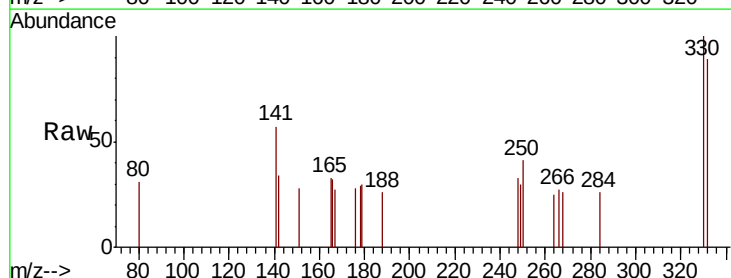
Instrument :
 BNA_E
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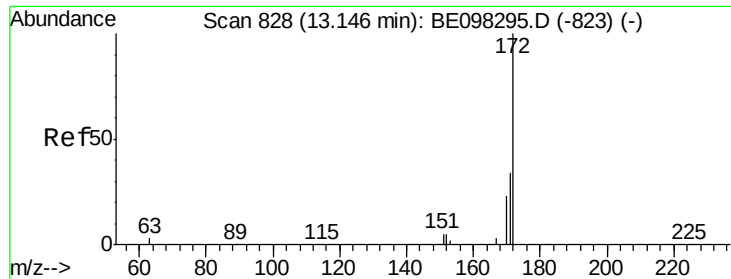
Tgt Ion:164 Resp: 2506
 Ion Ratio Lower Upper
 164 100
 162 102.6 77.6 116.4
 160 51.7 36.0 54.0



#14
 2,4,6-Tribromophenol
 Concen: 0.383 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098421.D
 Acq: 14 Dec 2018 6:03

Tgt Ion:330 Resp: 352
 Ion Ratio Lower Upper
 330 100
 332 102.3 76.2 114.4
 141 38.1 39.0 58.4#

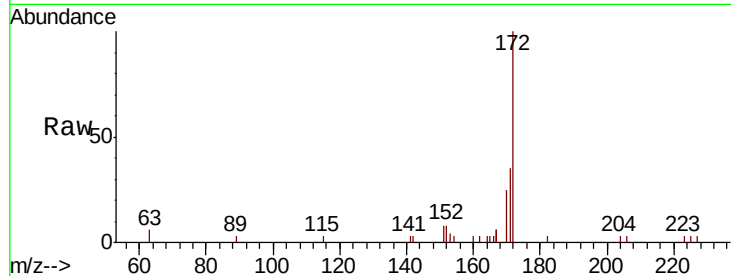




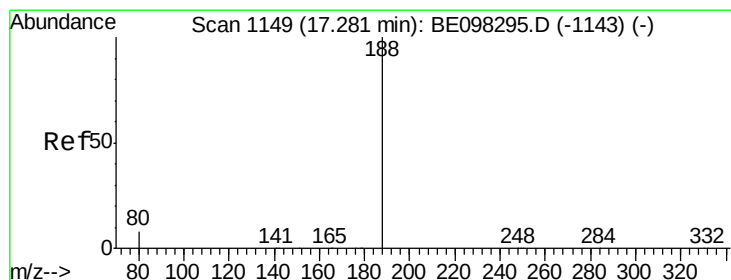
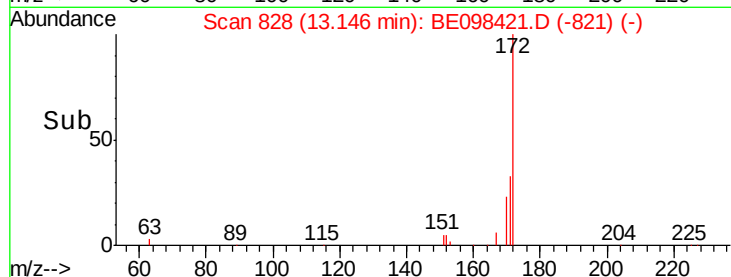
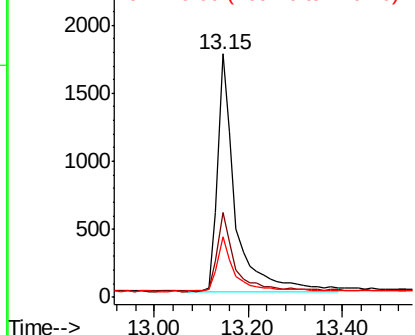
#15
2-Fluorobiphenyl
Concen: 0.429 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098421.D
Acq: 14 Dec 2018 6:03

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW08-20181207

Tgt Ion:172 Resp: 4532
Ion Ratio Lower Upper
172 100
171 35.1 27.5 41.3
170 25.0 19.6 29.4

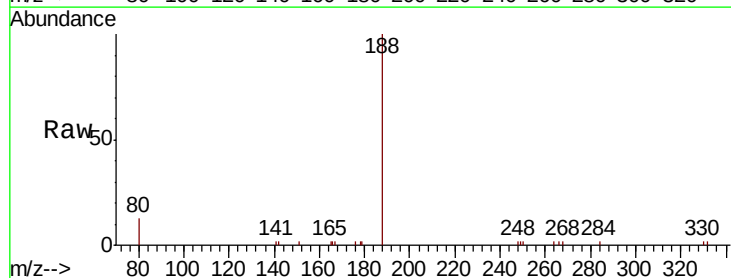


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

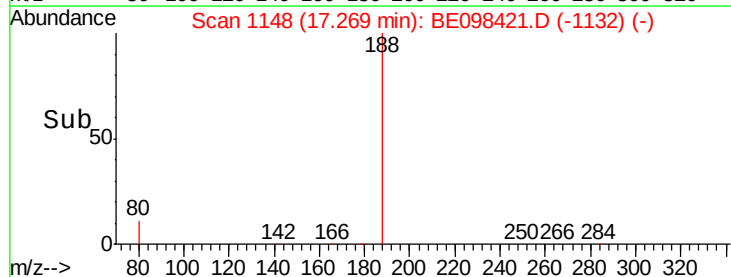
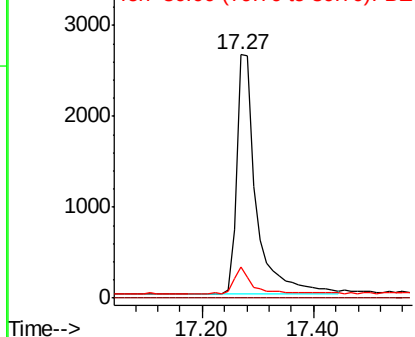


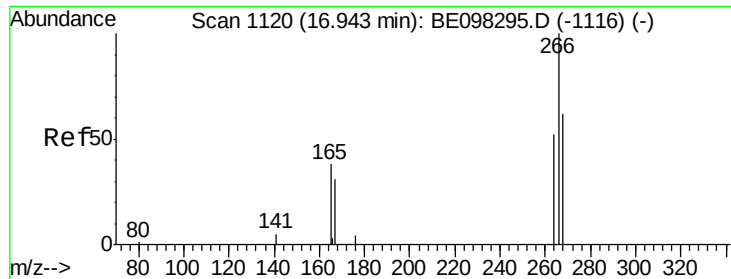
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098421.D
Acq: 14 Dec 2018 6:03

Tgt Ion:188 Resp: 6500
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.7 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

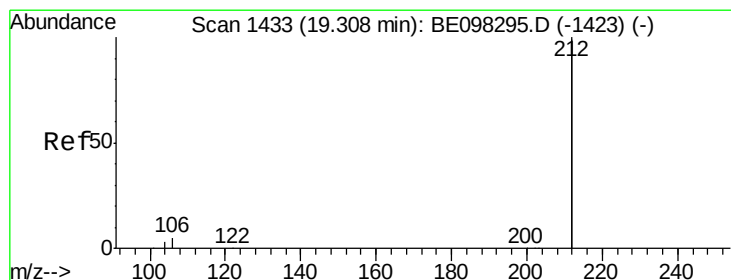
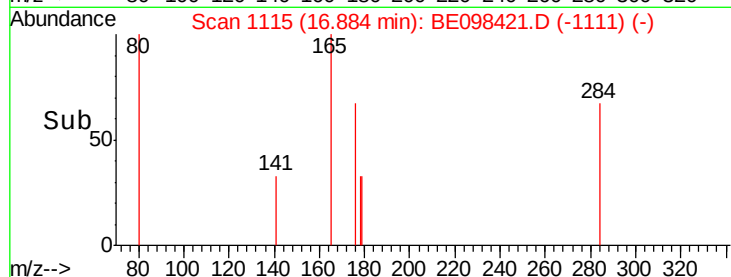
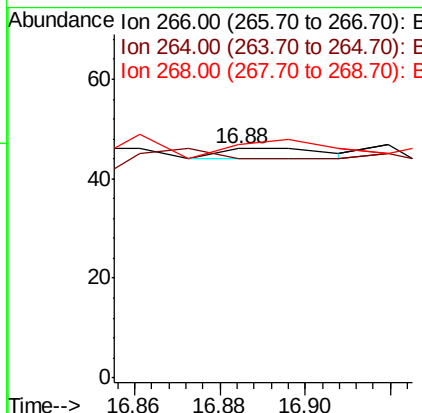
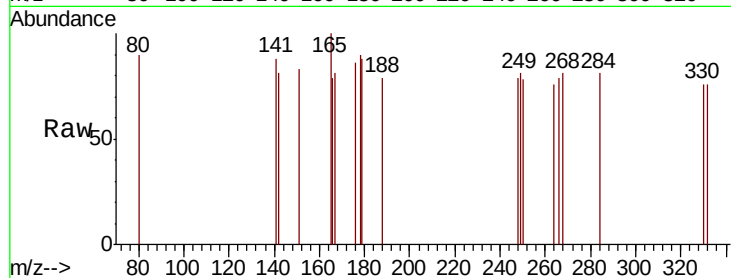




#22
 Pentachlorophenol
 Concen: 0.021 ng
 RT: 16.88 min Scan# 1115
 Delta R.T. -0.06 min
 Lab File: BE098421.D
 Acq: 14 Dec 2018 6:03

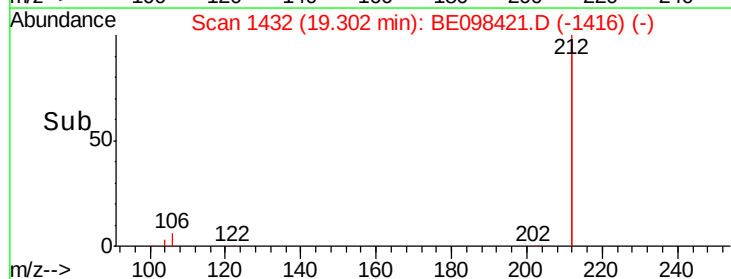
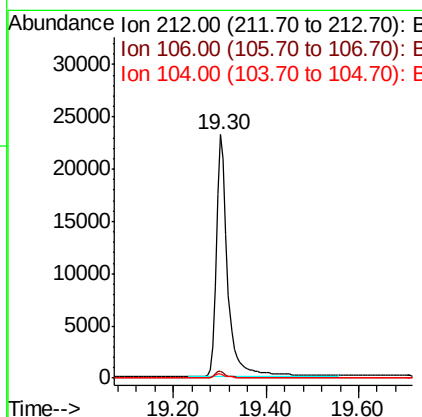
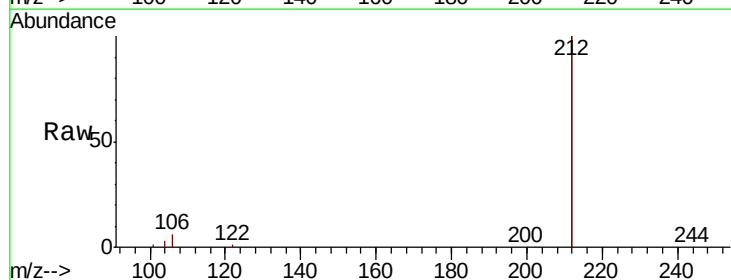
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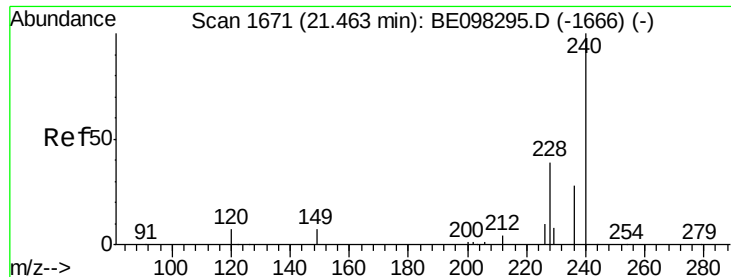
Tgt Ion: 266 Resp: 3
 Ion Ratio Lower Upper
 266 100
 264 95.7 59.0 88.4#
 268 102.2 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.472 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE098421.D
 Acq: 14 Dec 2018 6:03

Tgt Ion: 212 Resp: 39377
 Ion Ratio Lower Upper
 212 100
 106 2.6 2.2 3.2
 104 1.5 1.3 1.9

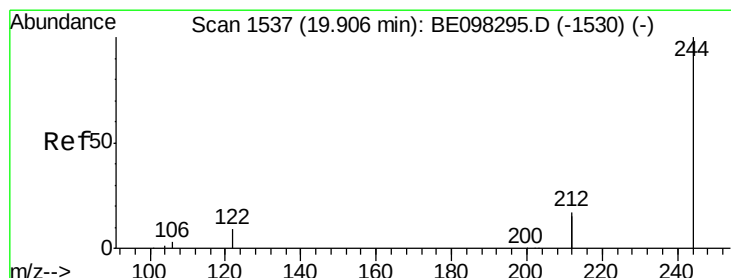
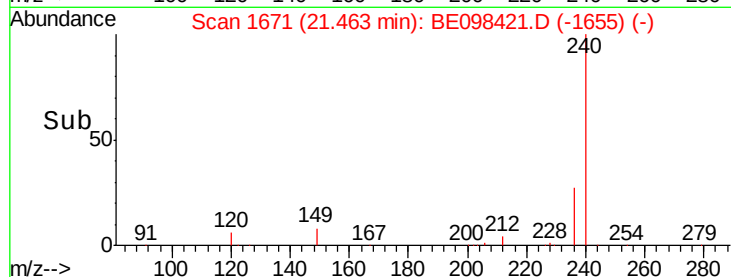
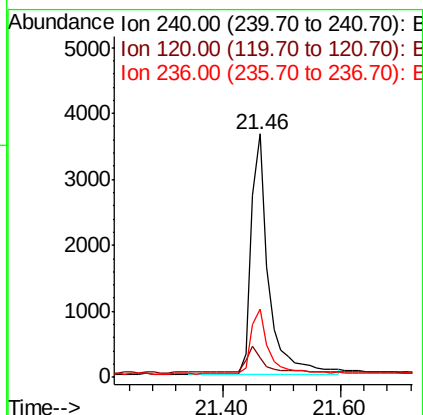
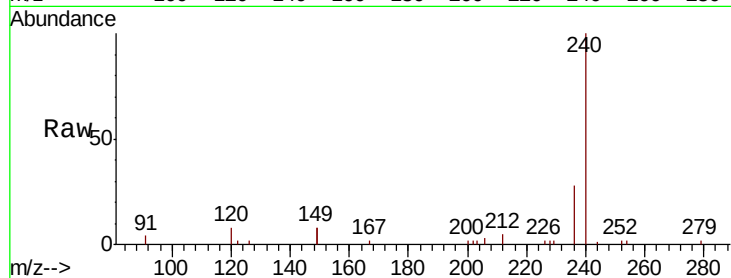




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098421.D
 Acq: 14 Dec 2018 6:03

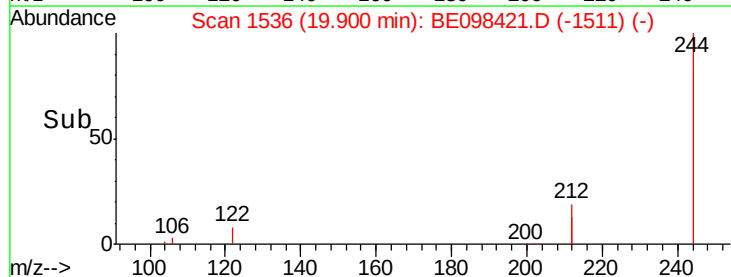
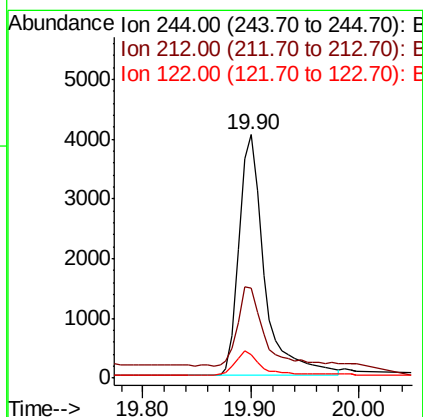
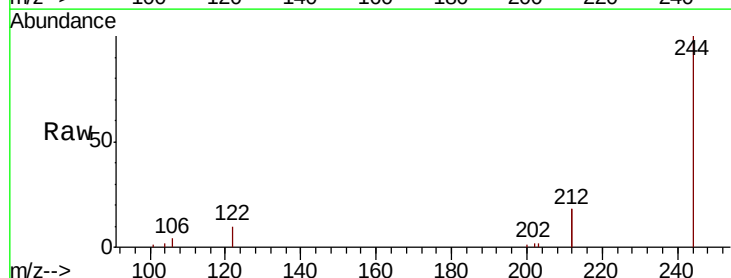
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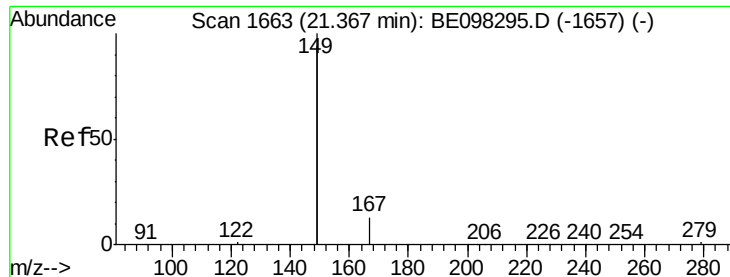
Tgt Ion:240 Resp: 7572
 Ion Ratio Lower Upper
 240 100
 120 8.1 9.5 14.3#
 236 28.0 22.7 34.1



#29
 Terphenyl-d14
 Concen: 0.355 ng
 RT: 19.90 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BE098421.D
 Acq: 14 Dec 2018 6:03

Tgt Ion:244 Resp: 6528
 Ion Ratio Lower Upper
 244 100
 212 36.7 27.4 41.0
 122 9.7 8.3 12.5

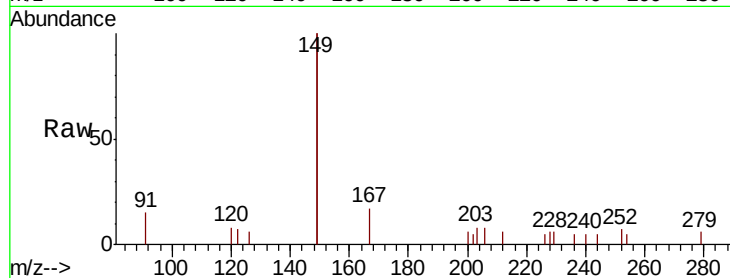




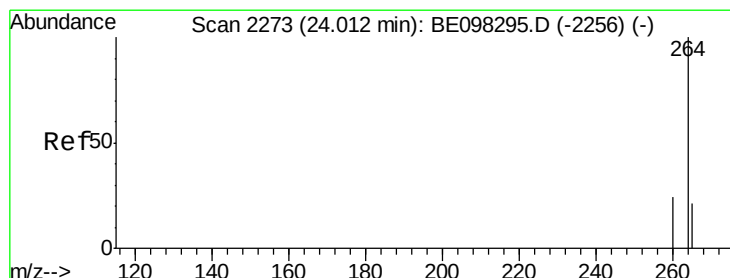
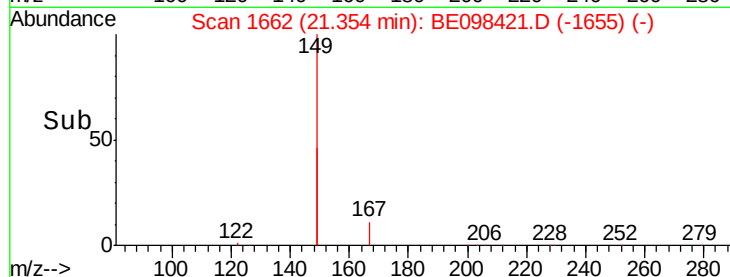
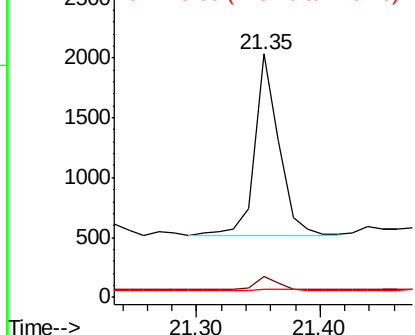
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.049 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098421.D
 Acq: 14 Dec 2018 6:03

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW08-20181207

Tgt Ion:149 Resp: 2127
 Ion Ratio Lower Upper
 149 100
 167 7.8 5.7 8.5
 279 2.1 1.0 1.4#

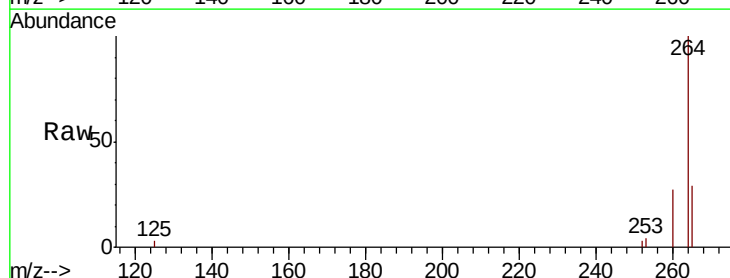


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BE098421.D
 Acq: 14 Dec 2018 6:03

Tgt Ion:264 Resp: 7036
 Ion Ratio Lower Upper
 264 100
 260 26.7 20.2 30.2
 265 28.9 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

