

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121418\
 Data File : BE098464.D
 Acq On : 15 Dec 2018 9:54
 Operator : SJ/JU
 Sample : J6358-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP06-20181211

Quant Time: Dec 16 01:12:27 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

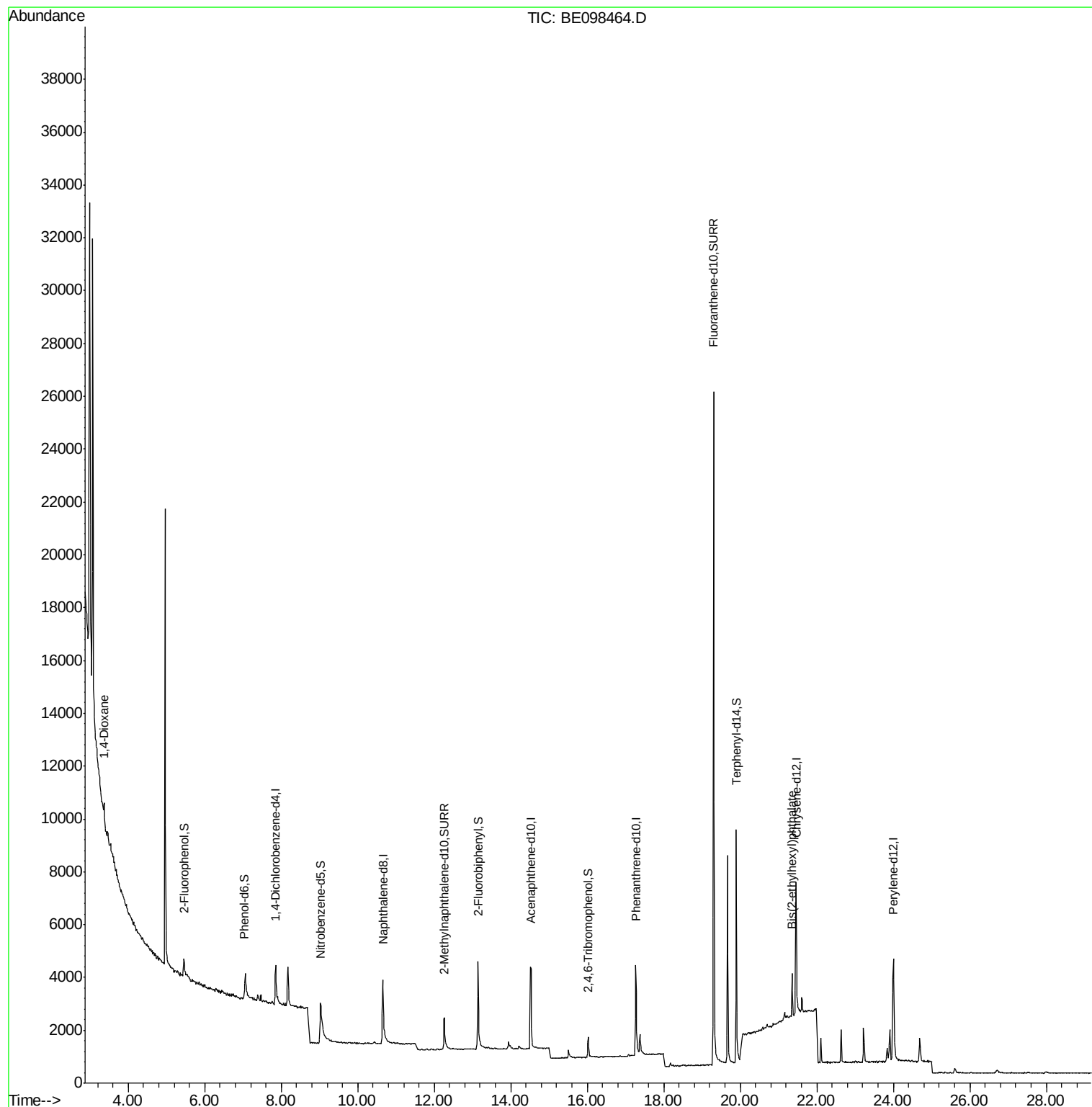
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	894	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3779	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2455	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	5924	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	7385	0.40	ng	0.00
34) Perylene-d12	24.00	264	7145	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	549	0.26	ng	0.00
5) Phenol-d6	7.04	99	506	0.17	ng	0.00
8) Nitrobenzene-d5	9.03	82	1394	0.41	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	2711	0.44	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	594	0.66	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	4604	0.44	ng	0.00
25) Fluoranthene-d10	19.30	212	37852	0.50	ng	0.00
29) Terphenyl-d14	19.89	244	8318	0.46	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.37	88	363	0.235	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.35	149	1969	0.046	ng	# 99

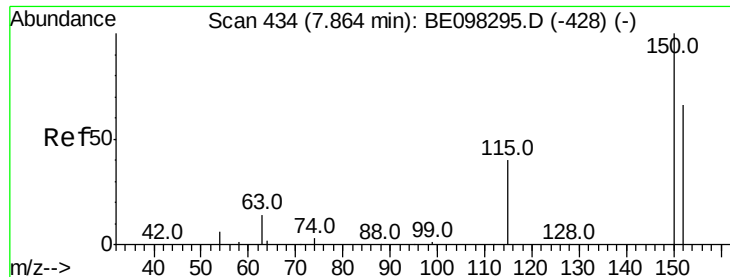
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098464.D

Acq: 15 Dec 2018 9:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP06-20181211

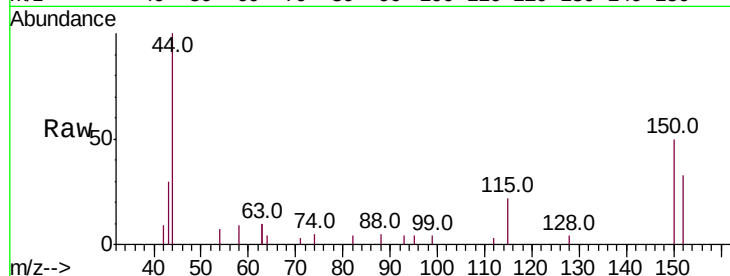
Tot Ion:152 Resp: 894

Ion Ratio Lower Upper

152 100

150 151.6 124.2 186.4

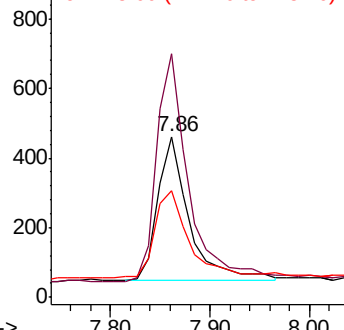
115 66.6 53.9 80.9



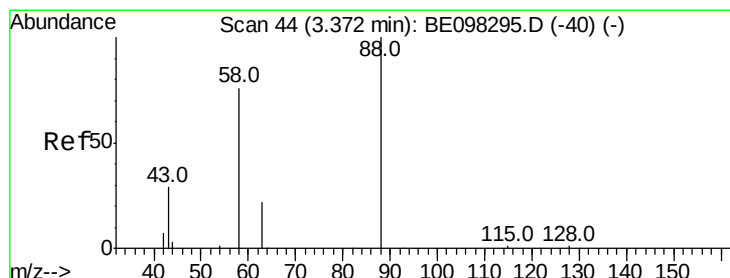
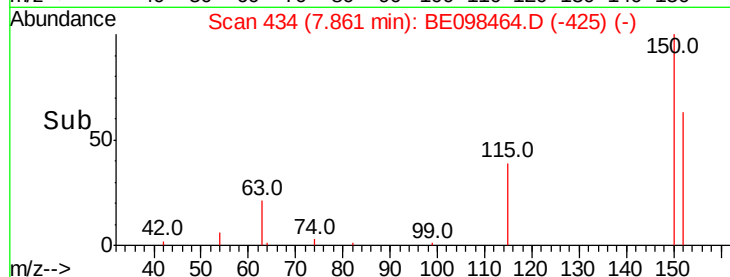
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 0.235 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098464.D

Acq: 15 Dec 2018 9:54

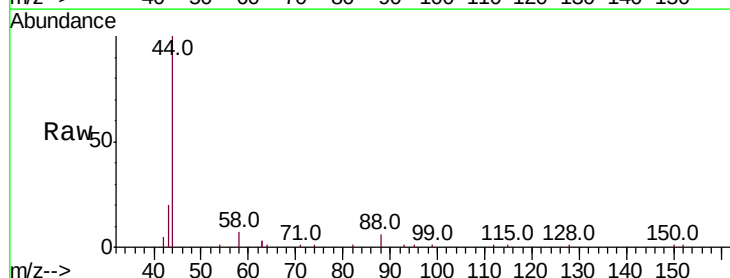
Tgt Ion: 88 Resp: 363

Ion Ratio Lower Upper

88 100

58 107.4 75.0 112.6

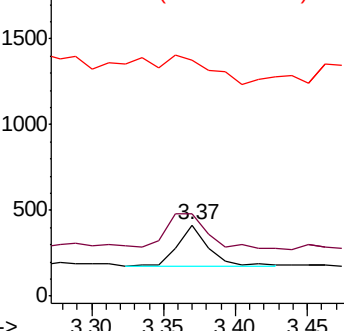
43 0.0 38.3 57.5#



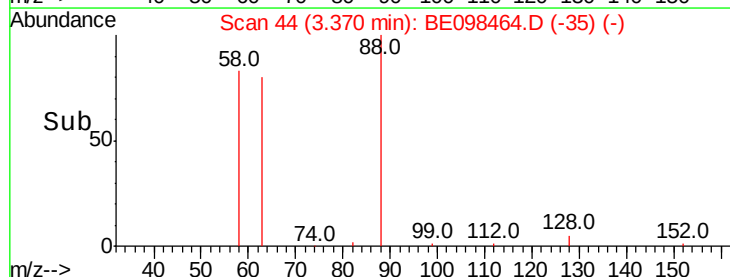
Abundance Ion 88.00 (87.70 to 88.70): BE0

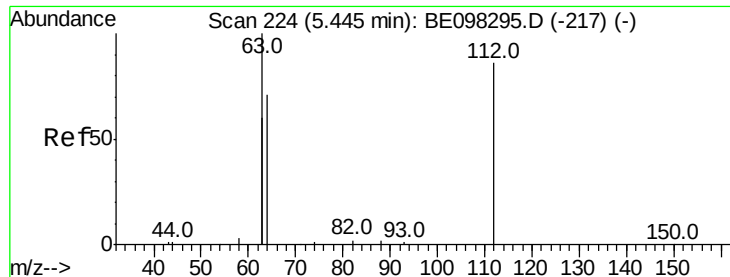
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



Time-->





#4

2-Fluorophenol

Concen: 0.262 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098464.D

Acq: 15 Dec 2018 9:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP06-20181211

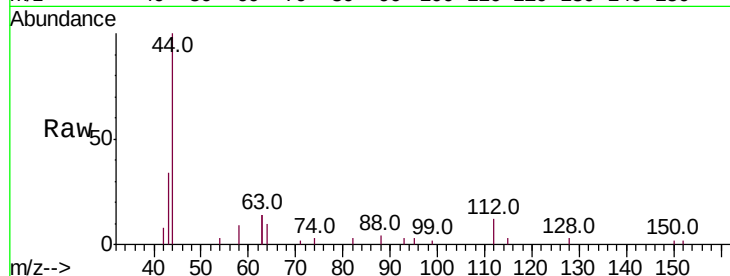
Tot Ion:112 Resp: 549

Ion Ratio Lower Upper

112 100

64 75.6 59.8 89.8

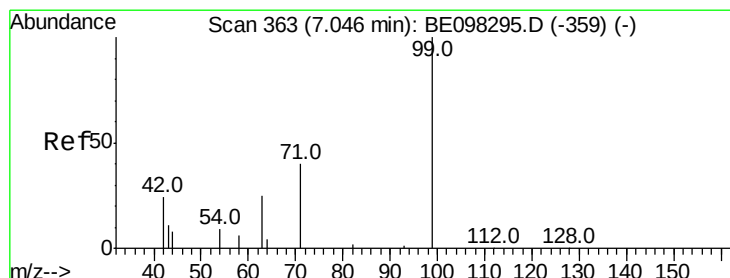
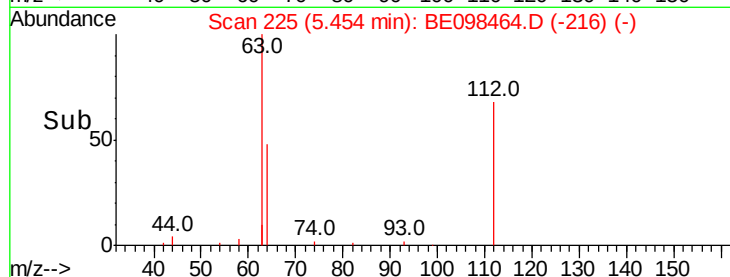
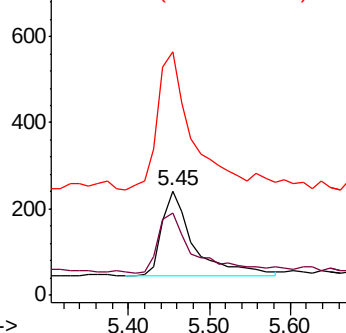
63 171.8 133.7 200.5



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: 0.171 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098464.D

Acq: 15 Dec 2018 9:54

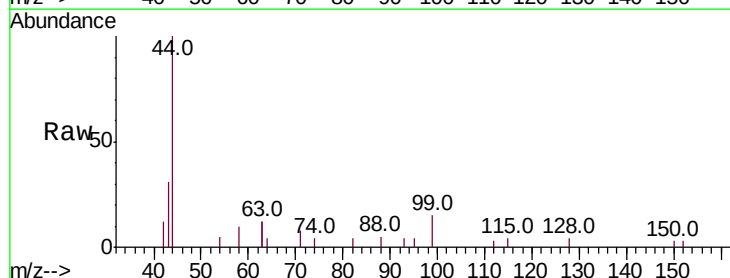
Tgt Ion: 99 Resp: 506

Ion Ratio Lower Upper

99 100

42 45.8 26.3 39.5#

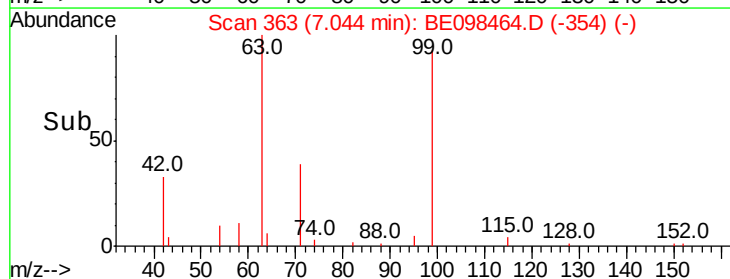
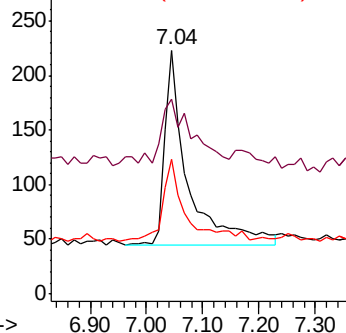
71 40.3 33.6 50.4

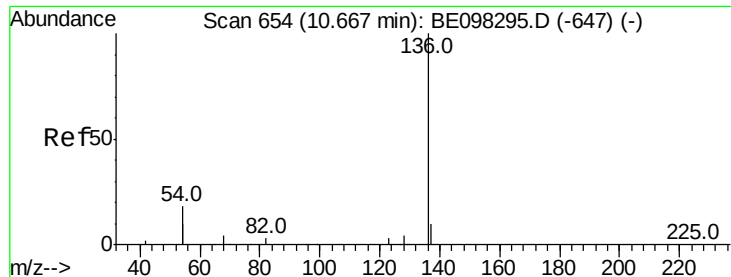


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098464.D

Acq: 15 Dec 2018 9:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP06-20181211

Tot Ion:136 Resp: 3779

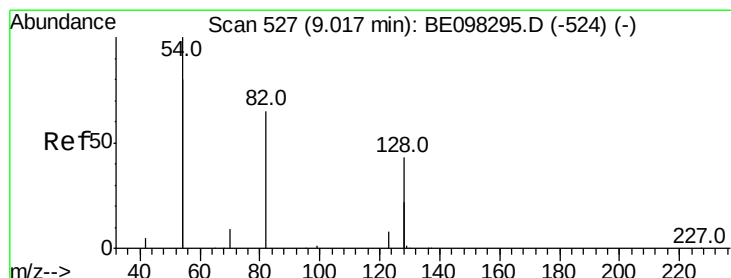
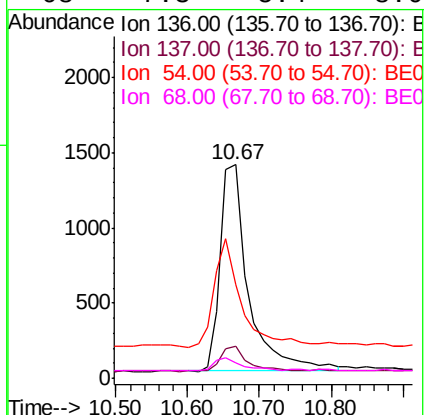
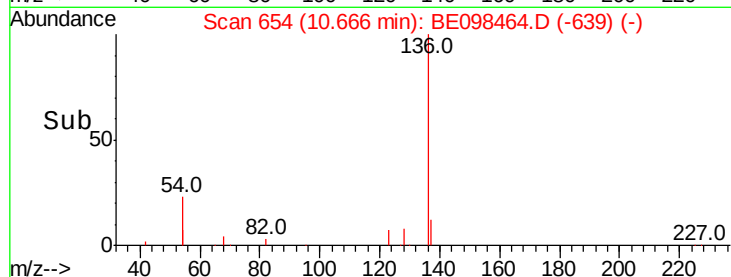
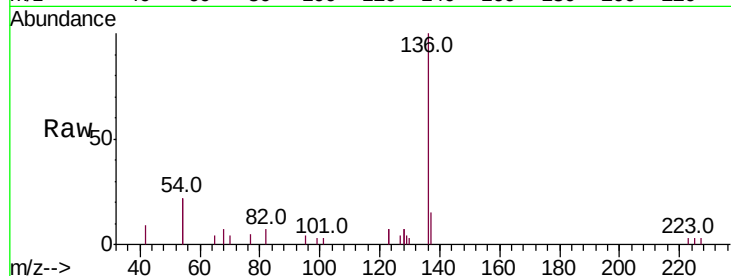
Ion Ratio Lower Upper

136 100

137 14.9 9.2 13.8#

54 43.8 28.4 42.6#

68 7.3 5.4 8.0



#8

Nitrobenzene-d5

Concen: 0.405 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098464.D

Acq: 15 Dec 2018 9:54

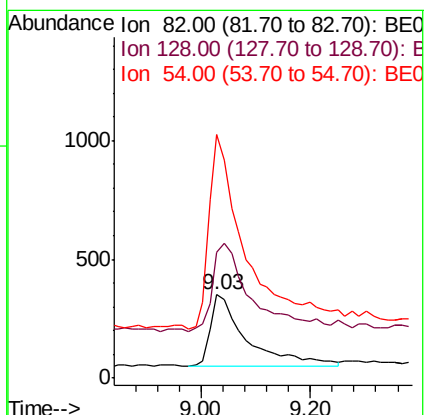
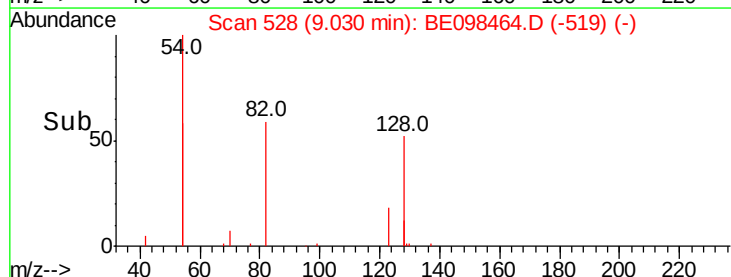
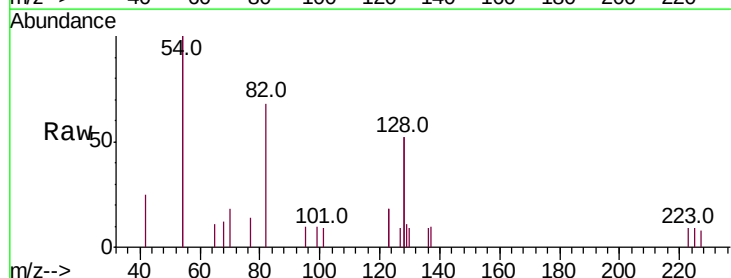
Tgt Ion: 82 Resp: 1394

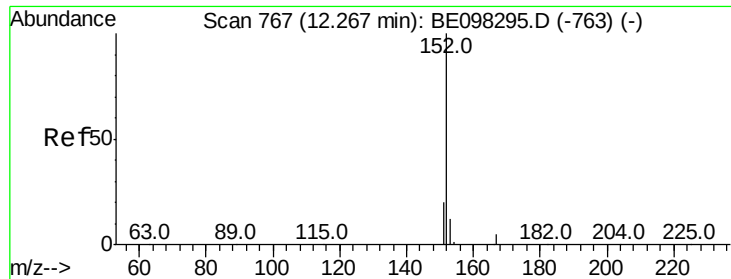
Ion Ratio Lower Upper

82 100

128 151.0 102.4 153.6

54 292.3 221.8 332.8

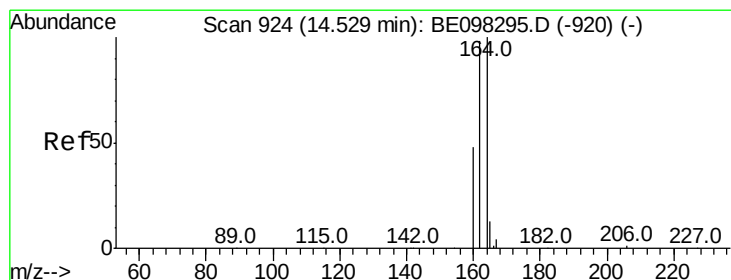
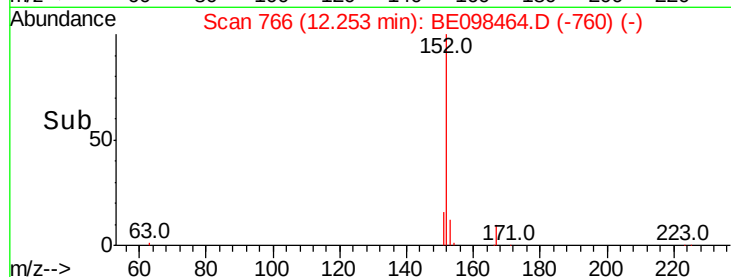
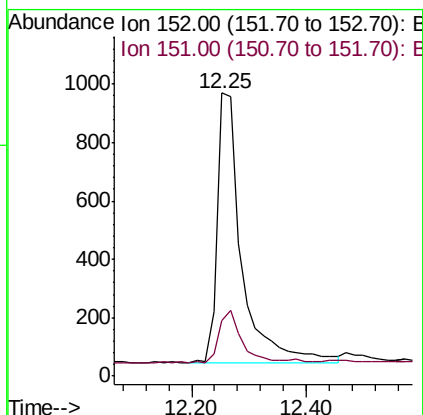
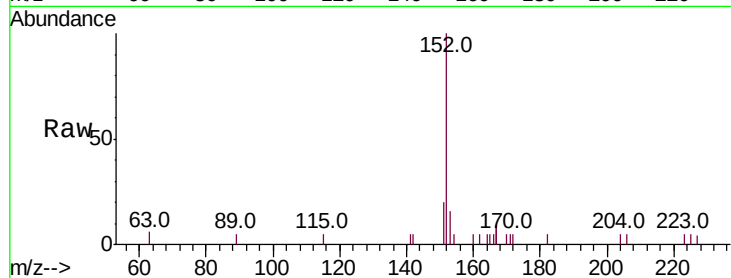




#11
 2-Methylnaphthalene-d10
 Concen: 0.441 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BE098464.D
 Acq: 15 Dec 2018 9:54

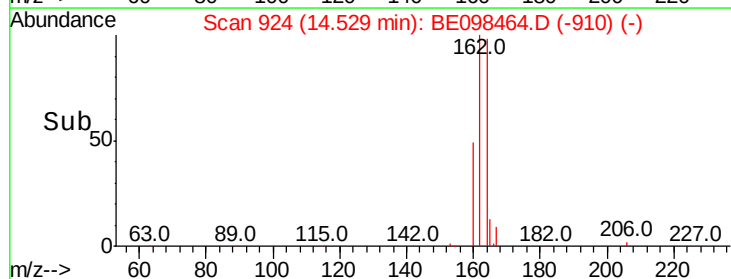
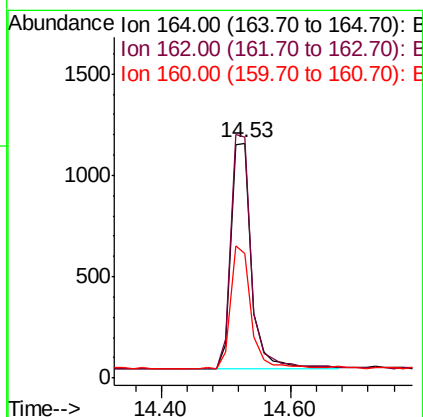
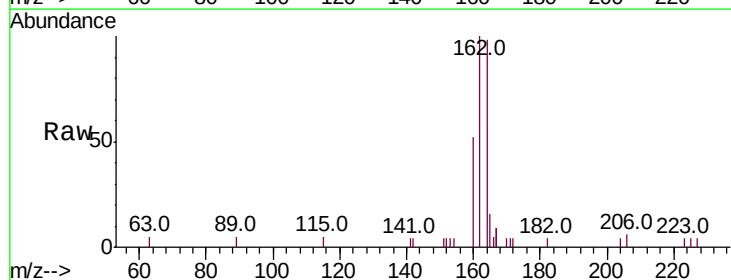
Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP06-20181211

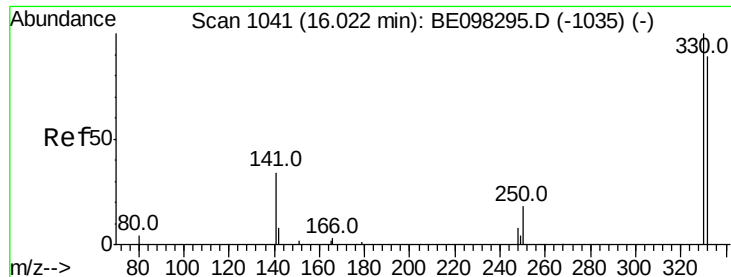
Tot Ion:152 Resp: 2711
 Ion Ratio Lower Upper
 152 100
 151 18.7 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BE098464.D
 Acq: 15 Dec 2018 9:54

Tgt Ion:164 Resp: 2455
 Ion Ratio Lower Upper
 164 100
 162 102.5 77.6 116.4
 160 53.0 36.0 54.0

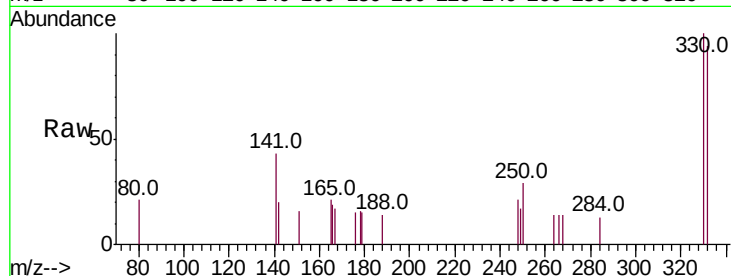




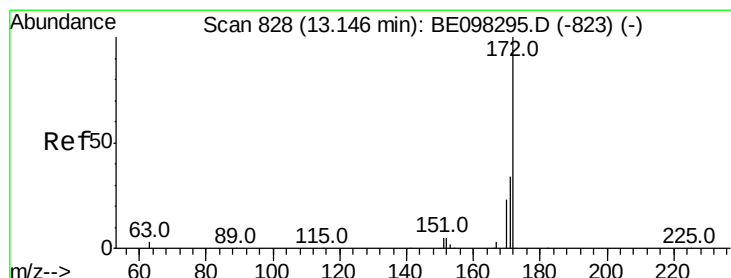
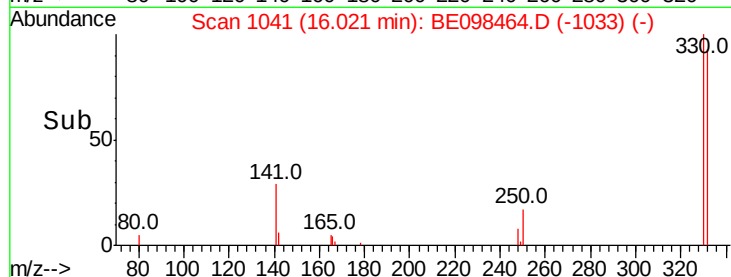
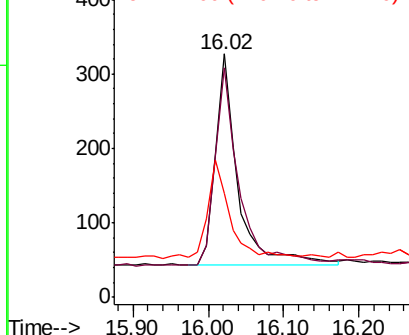
#14
 2,4,6-Tribromophenol
 Concen: 0.659 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098464.D
 Acq: 15 Dec 2018 9:54

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP06-20181211

Tot Ion:330 Resp: 594
 Ion Ratio Lower Upper
 330 100
 332 99.7 76.2 114.4
 141 40.9 39.0 58.4

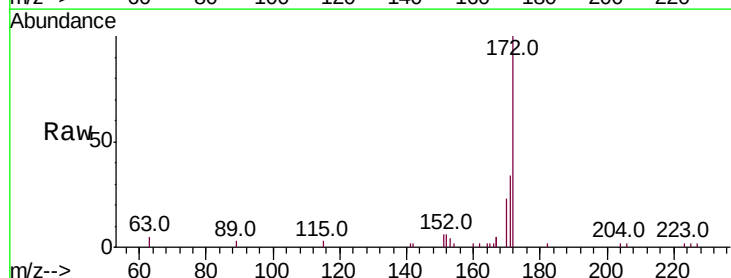


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

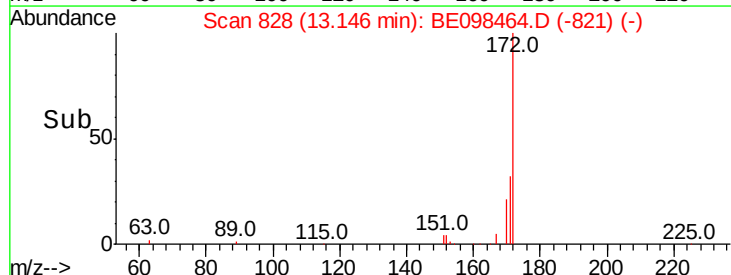
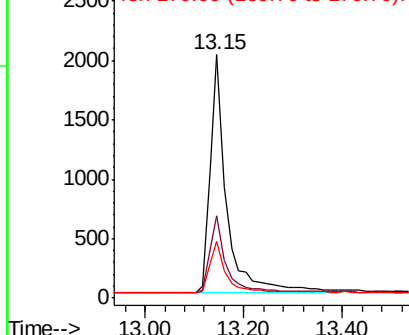


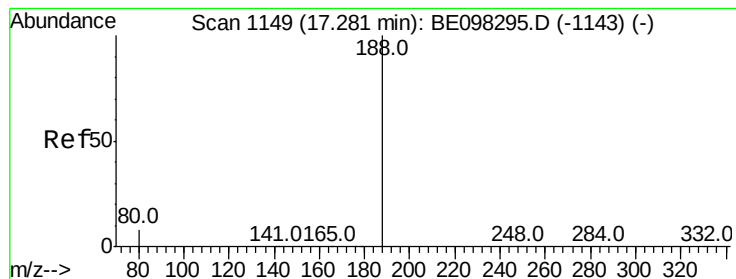
#15
 2-Fluorobiphenyl
 Concen: 0.445 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098464.D
 Acq: 15 Dec 2018 9:54

Tgt Ion:172 Resp: 4604
 Ion Ratio Lower Upper
 172 100
 171 33.8 27.5 41.3
 170 23.2 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: BE098464.D

Acq: 15 Dec 2018 9:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP06-20181211

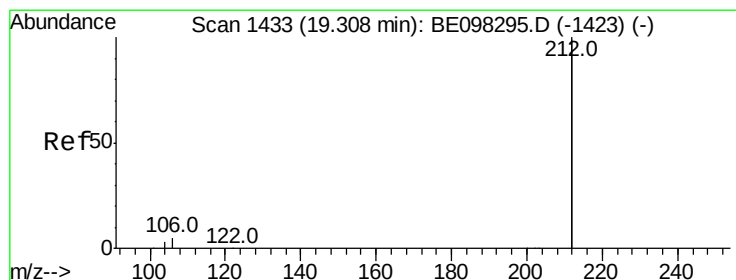
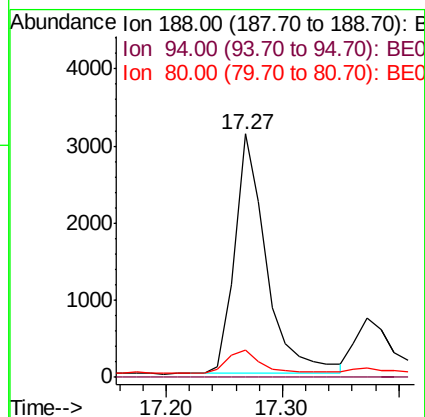
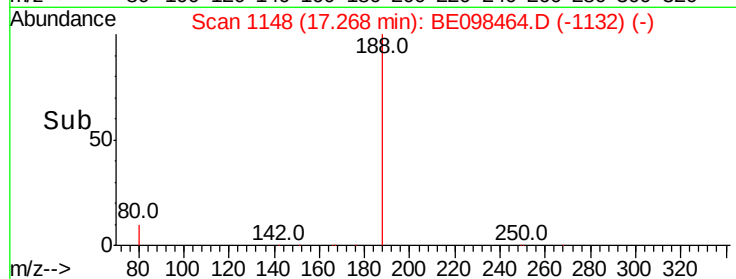
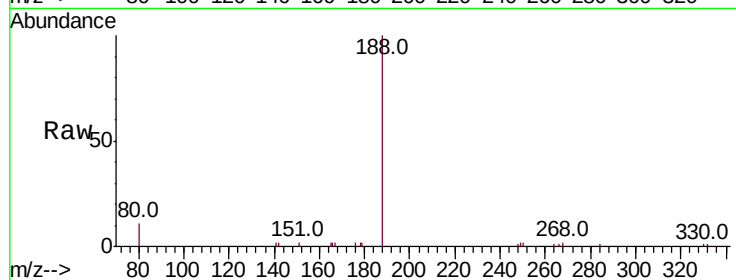
Tot Ion:188 Resp: 5924

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.3 7.2 10.8#



#25

Fluoranthene-d10

Concen: 0.498 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098464.D

Acq: 15 Dec 2018 9:54

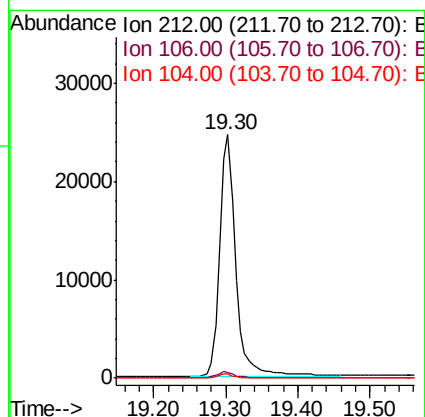
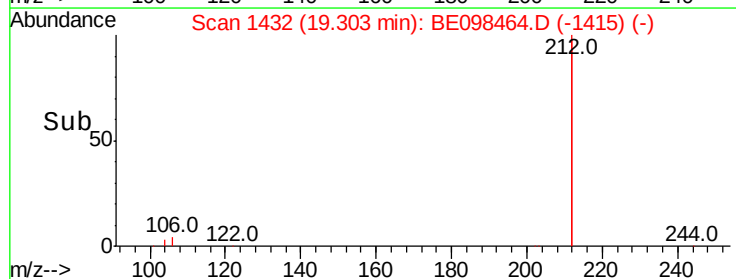
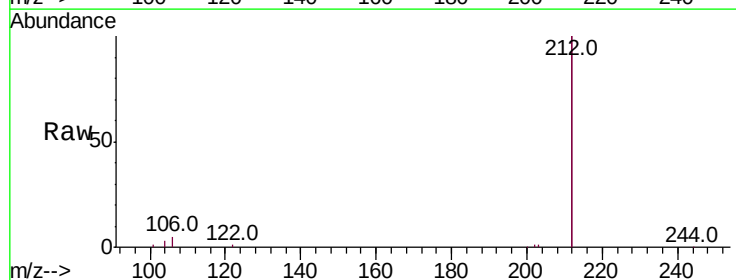
Tgt Ion:212 Resp: 37852

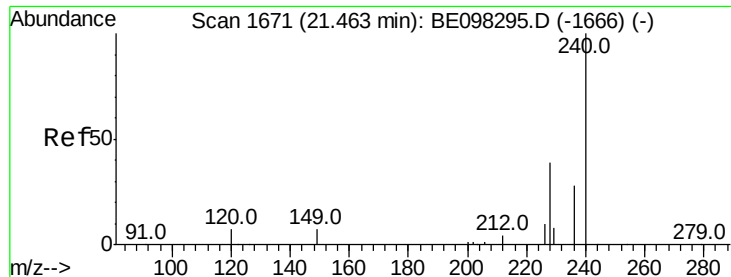
Ion Ratio Lower Upper

212 100

106 2.4 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: BE098464.D

Acq: 15 Dec 2018 9:54

Instrument :

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BP-DUP06-20181211

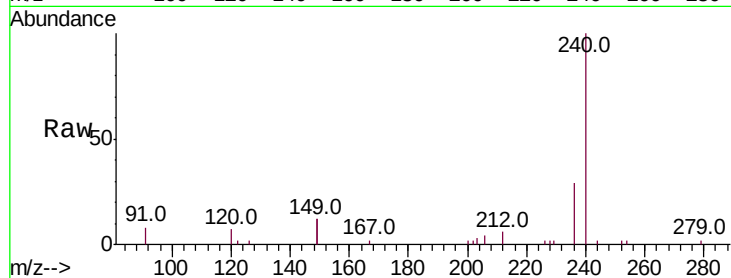
Tot Ion:240 Resp: 7385

Ion Ratio Lower Upper

240 100

120 6.9 9.5 14.3#

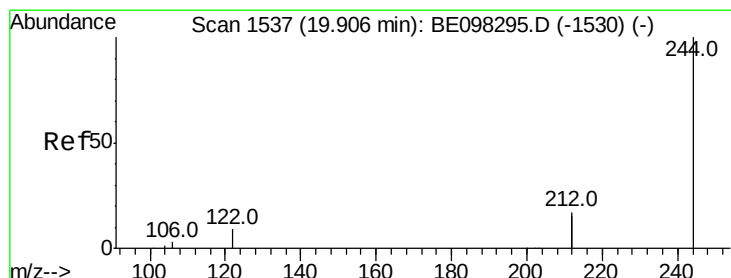
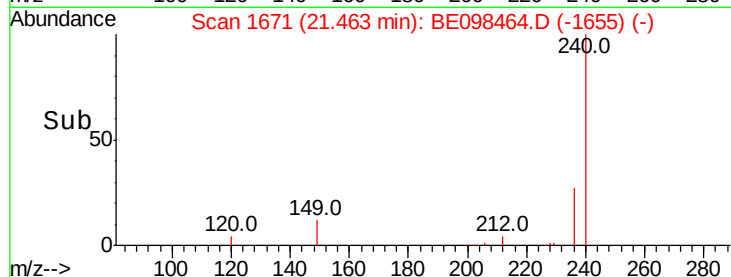
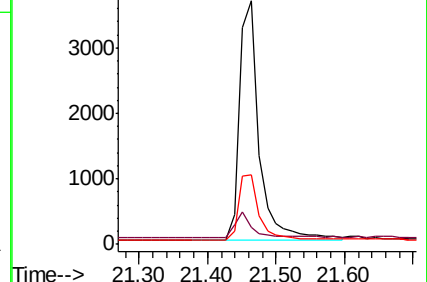
236 28.6 22.7 34.1



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: 0.463 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098464.D

Acq: 15 Dec 2018 9:54

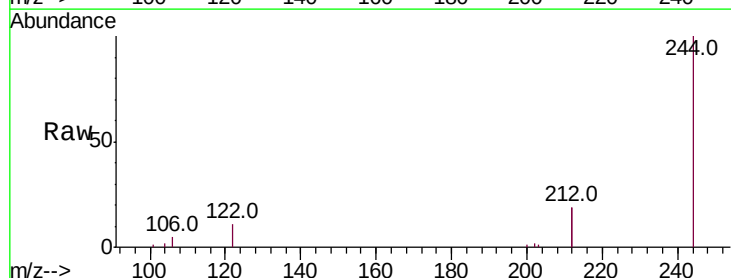
Tgt Ion:244 Resp: 8318

Ion Ratio Lower Upper

244 100

212 38.2 27.4 41.0

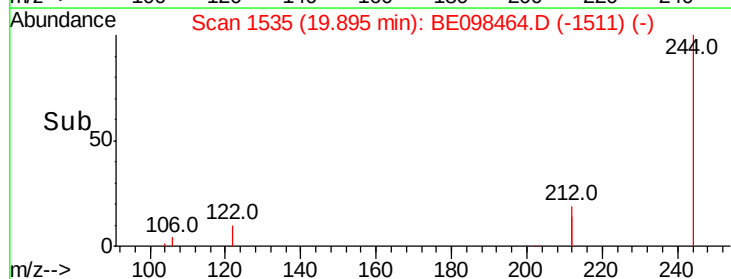
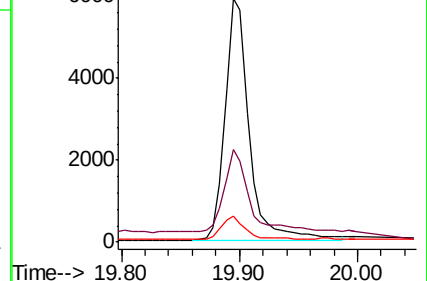
122 10.8 8.3 12.5

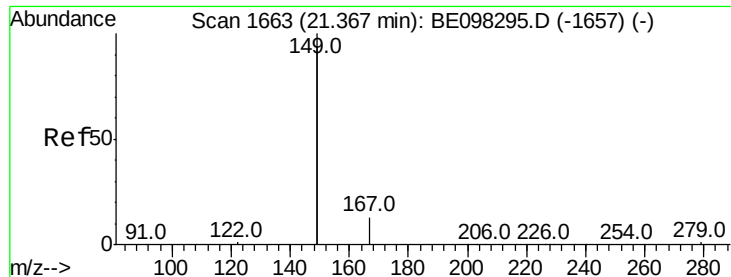


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.046 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098464.D

Acq: 15 Dec 2018 9:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP06-20181211

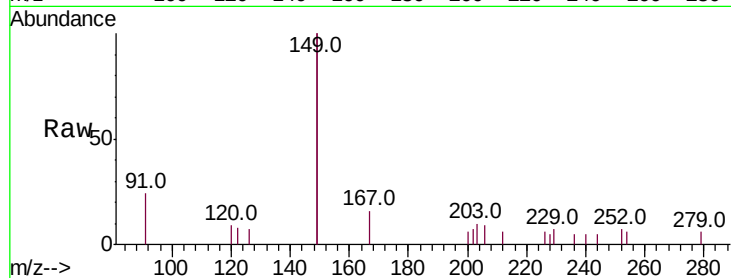
Tot Ion:149 Resp: 1969

Ion Ratio Lower Upper

149 100

167 7.2 5.7 8.5

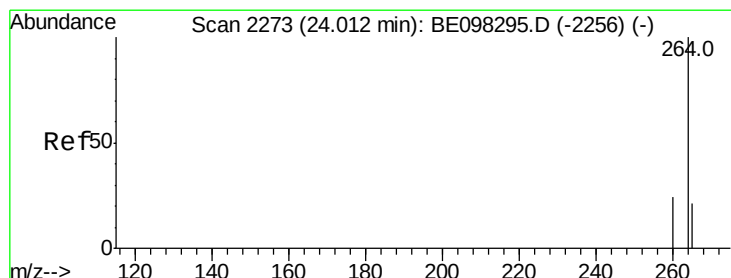
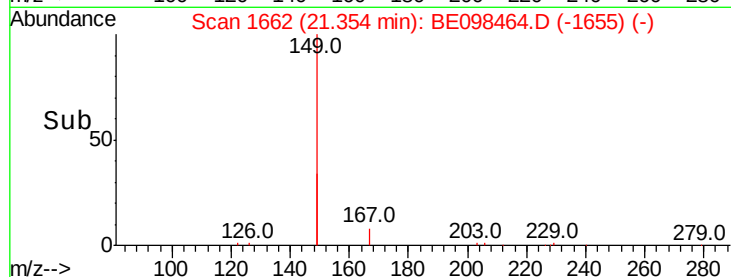
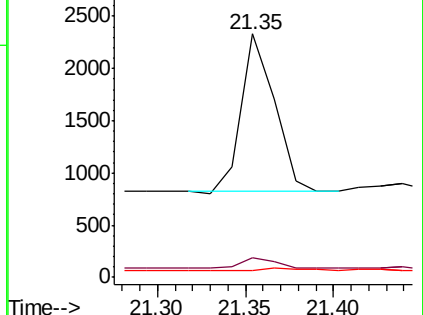
279 2.5 1.0 1.4#



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: 24.00 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BE098464.D

Acq: 15 Dec 2018 9:54

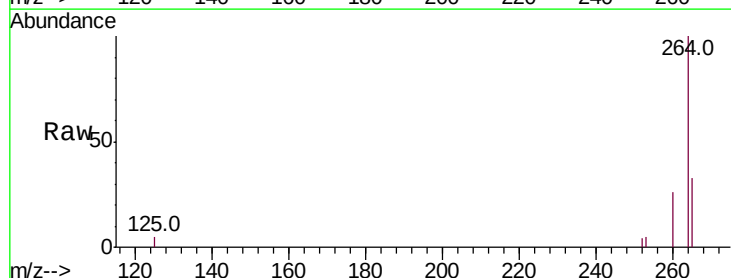
Tgt Ion:264 Resp: 7145

Ion Ratio Lower Upper

264 100

260 25.8 20.2 30.2

265 32.6 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

