

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121218\
 Data File : BE098369.D
 Acq On : 12 Dec 2018 20:01
 Operator : SJ/JU
 Sample : J6324-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP01-20181205

Quant Time: Dec 13 05:53:04 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

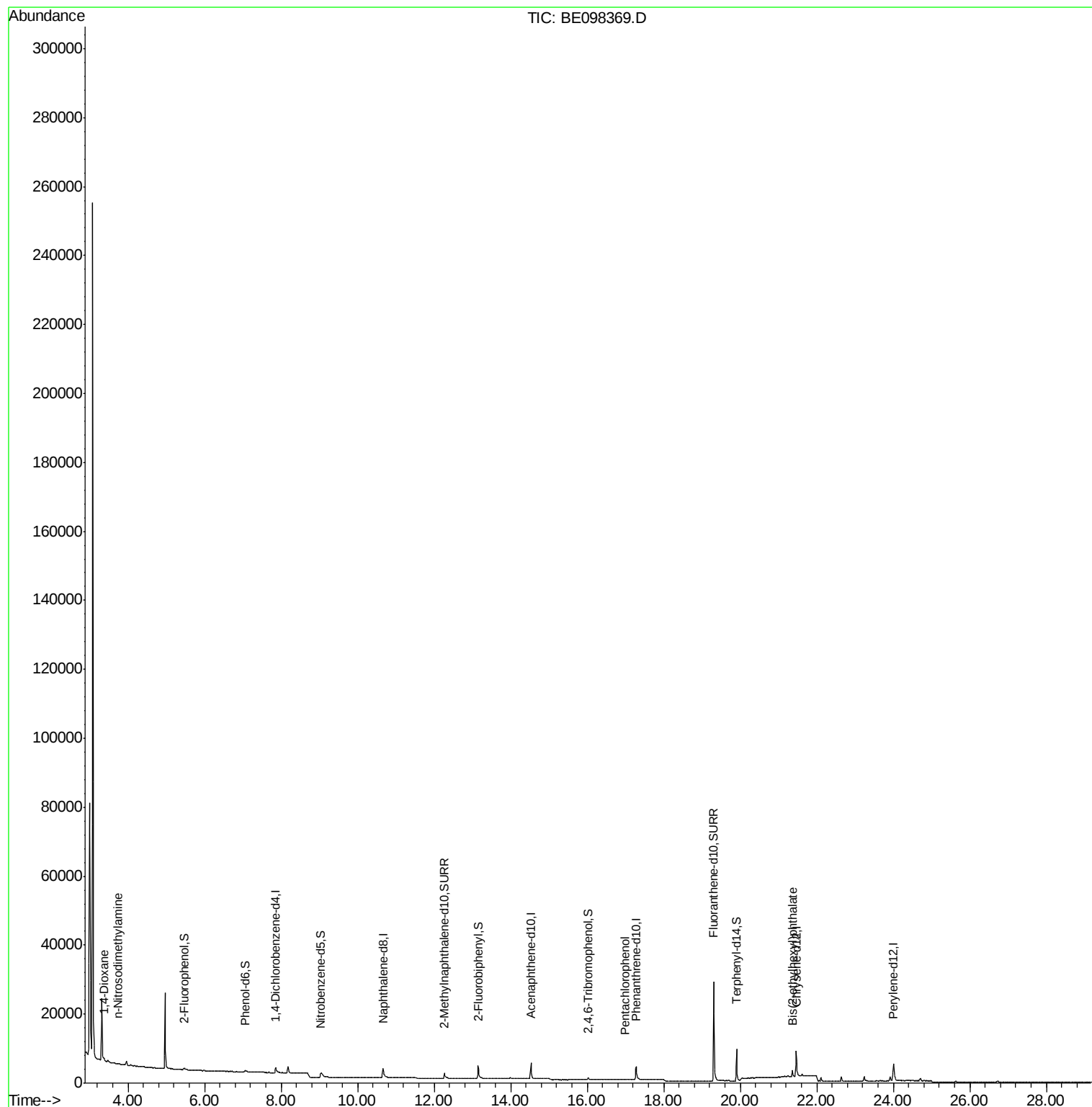
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1083	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4665	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3126	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8272	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9750	0.40	ng	0.00
34) Perylene-d12	24.00	264	9542	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	496	0.20	ng	0.01
5) Phenol-d6	7.06	99	380	0.11	ng	0.01
8) Nitrobenzene-d5	9.04	82	1350	0.32	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	3051	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	650	0.57	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	5715	0.43	ng	0.00
25) Fluoranthene-d10	19.30	212	47049	0.44	ng	0.00
29) Terphenyl-d14	19.90	244	9748	0.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	451	0.241	ng	# 61
3) n-Nitrosodimethylamine	3.73	42	89	0.053	ng	# 100
22) Pentachlorophenol	16.98	266	8	0.027	ng	# 72
32) Bis(2-ethylhexyl)phthalate	21.36	149	2231	0.040	ng	# 100

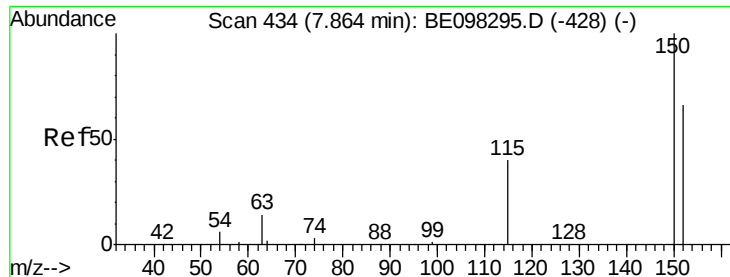
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098369.D

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BNA_E

ClientSampleId :

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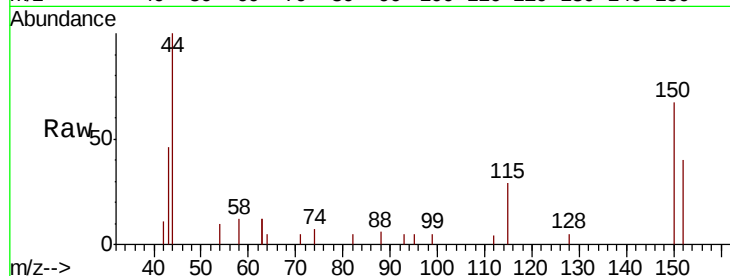
Tgt Ion:152 Resp: 1083

Ion Ratio Lower Upper

152 100

150 165.0 124.2 186.4

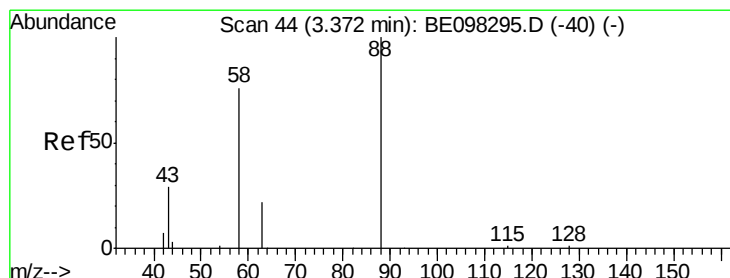
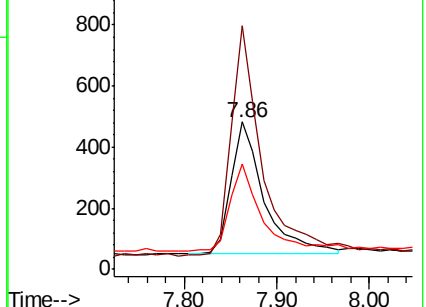
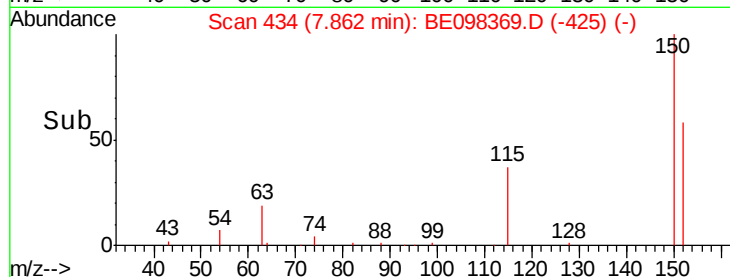
115 71.2 53.9 80.9



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



#2

1,4-Dioxane

Concen: 0.241 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098369.D

Acq: 12 Dec 2018 20:01

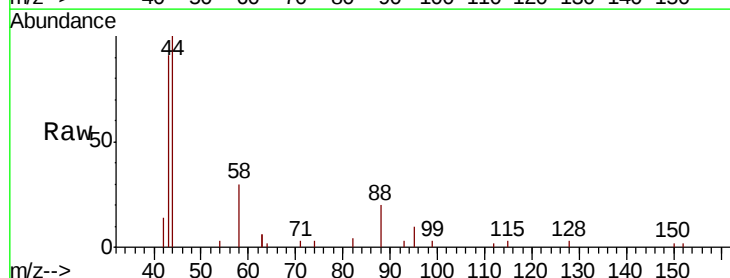
Tgt Ion: 88 Resp: 451

Ion Ratio Lower Upper

88 100

58 84.5 75.0 112.6

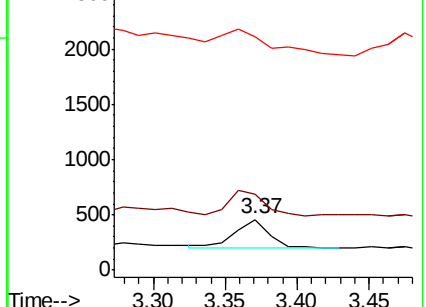
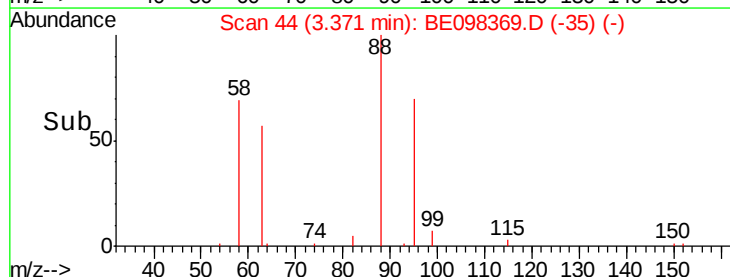
43 113.7 38.3 57.5#

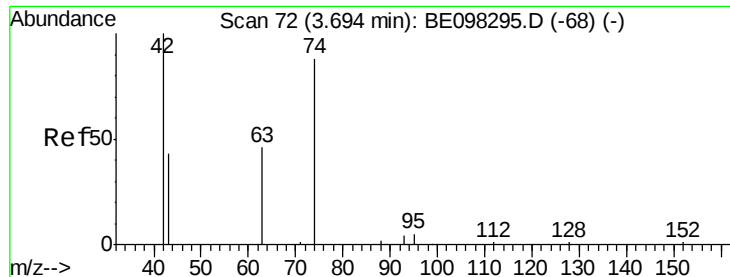


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.053 ng

RT: 3.73 min Scan# 75

Delta R.T. 0.03 min

Lab File: BE098369.D

Acq: 12 Dec 2018 20:01

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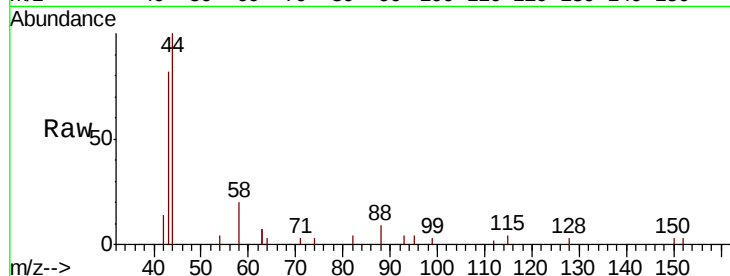
Tgt Ion: 42 Resp: 89

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

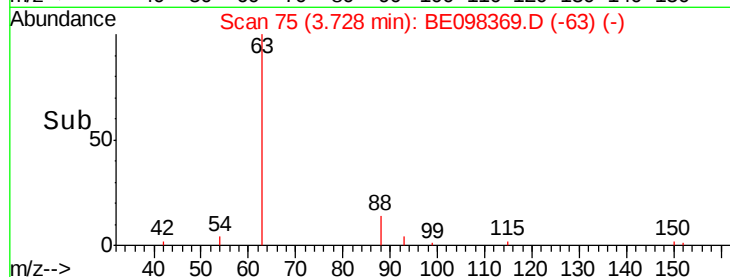
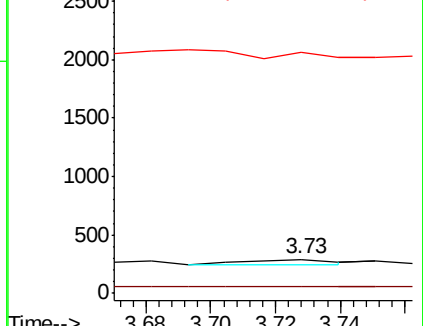
44 0.0 0.0 0.0



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: 0.196 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098369.D

Acq: 12 Dec 2018 20:01

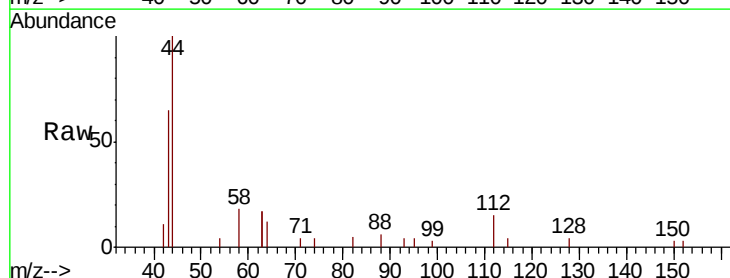
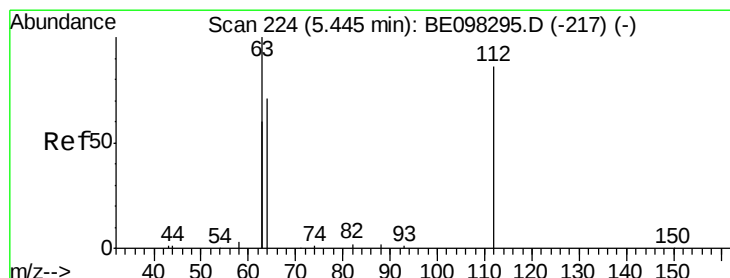
Tgt Ion: 112 Resp: 496

Ion Ratio Lower Upper

112 100

64 67.7 59.8 89.8

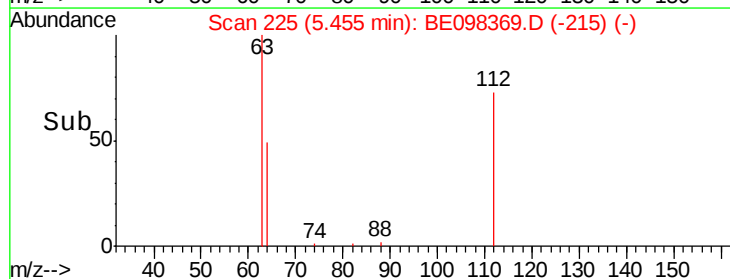
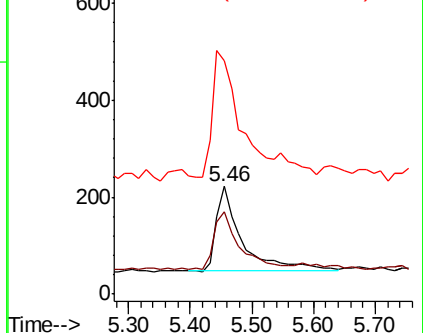
63 183.3 133.7 200.5

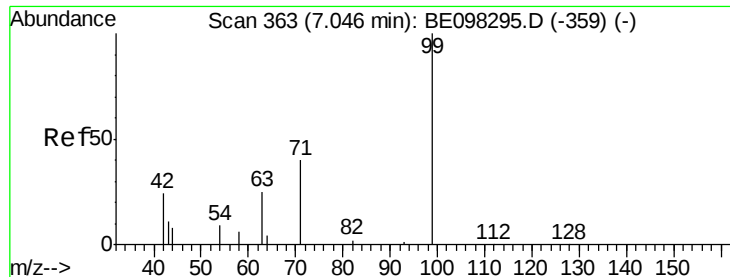


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.106 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098369.D

Acq: 12 Dec 2018 20:01

Instrument :

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DUP01-20181205

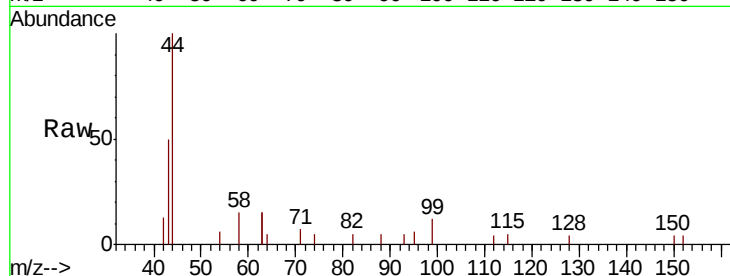
Tgt Ion: 99 Resp: 380

Ion Ratio Lower Upper

99 100

42 36.1 26.3 39.5

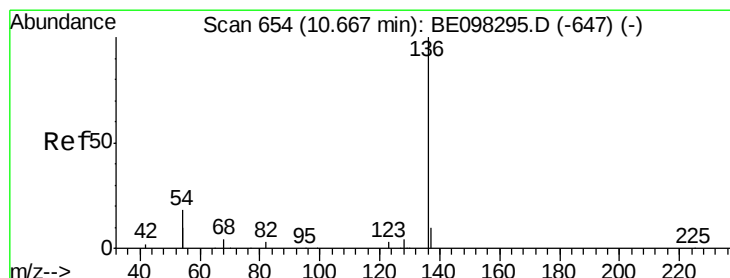
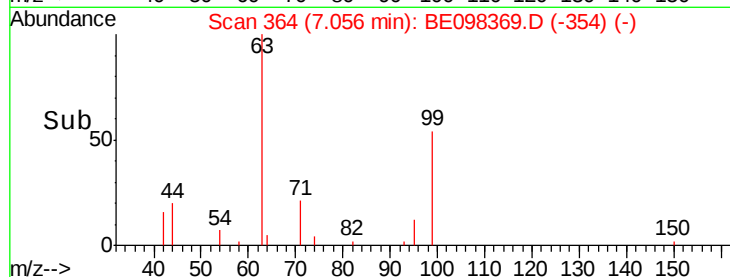
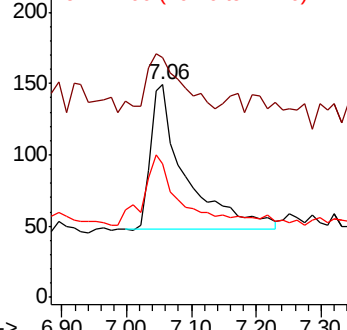
71 52.9 33.6 50.4#



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: BE098369.D

Acq: 12 Dec 2018 20:01

Tgt Ion: 136 Resp: 4665

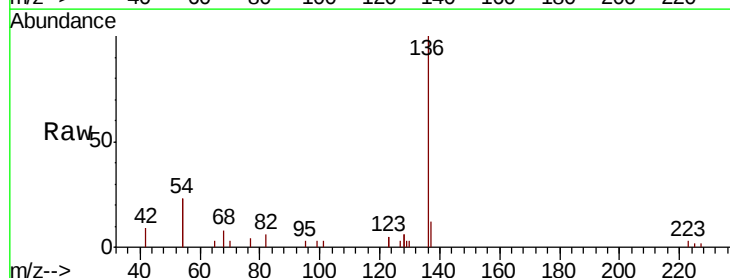
Ion Ratio Lower Upper

136 100

137 12.0 9.2 13.8

54 45.3 28.4 42.6#

68 8.0 5.4 8.0

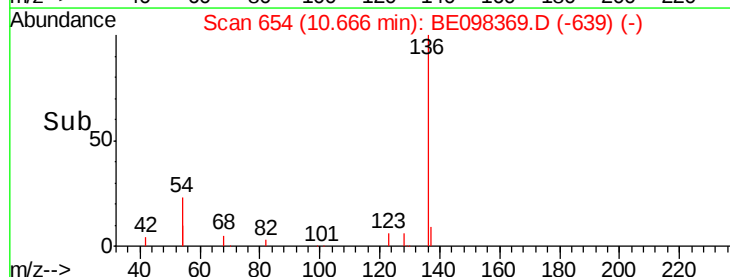
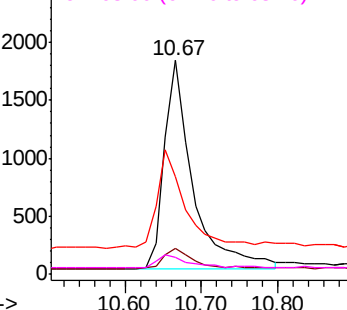


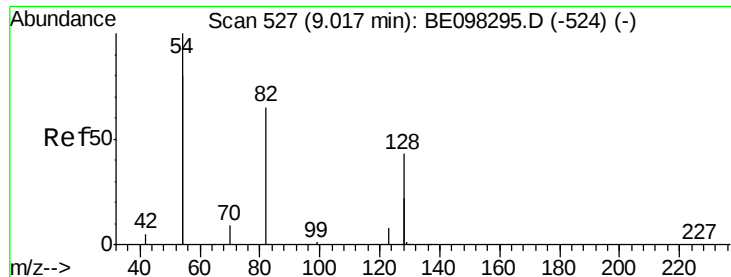
Abundance Ion 136.00 (135.70 to 136.70): E

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

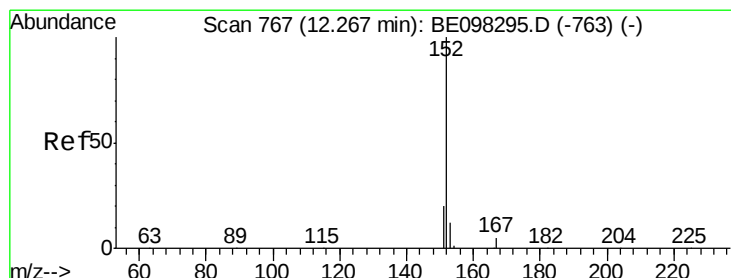
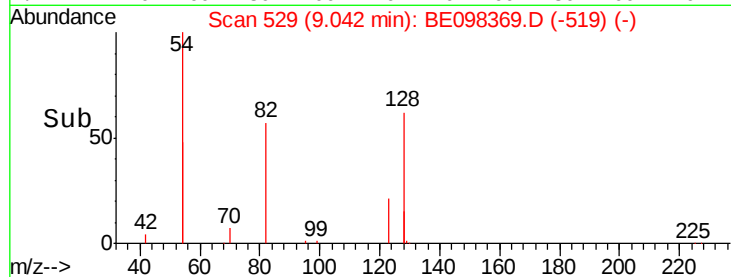
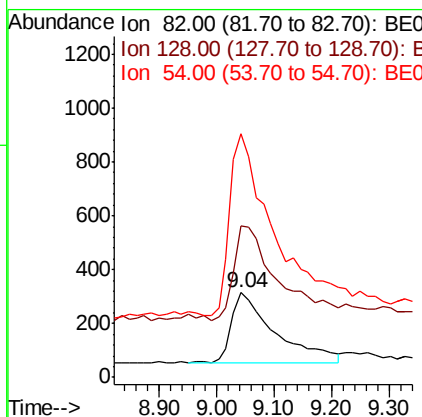
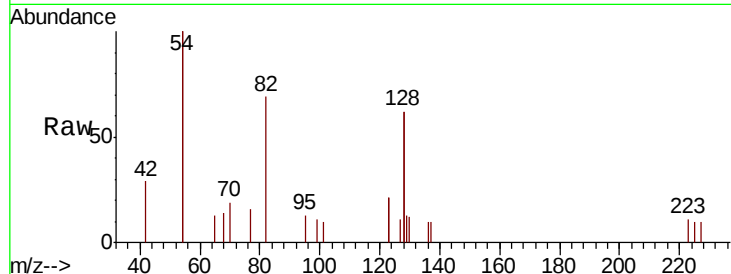




#8
 Nitrobenzene-d5
 Concen: 0.318 ng
 RT: 9.04 min Scan# 529
 Delta R.T. 0.03 min
 Lab File: BE098369.D
 Acq: 12 Dec 2018 20:01

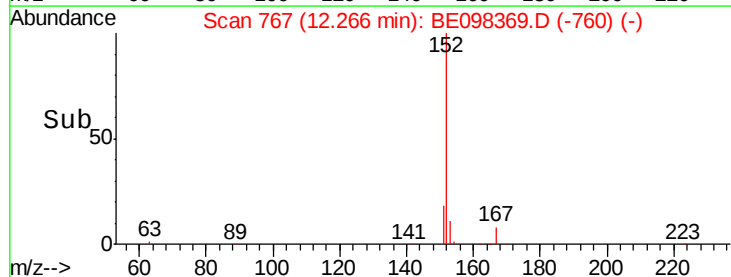
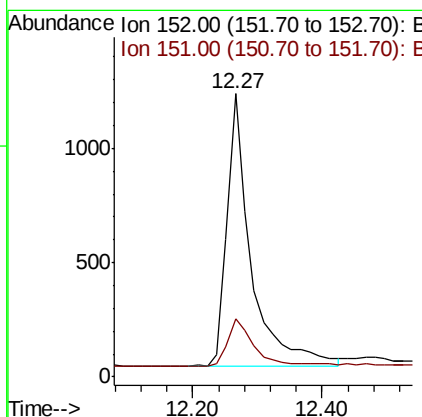
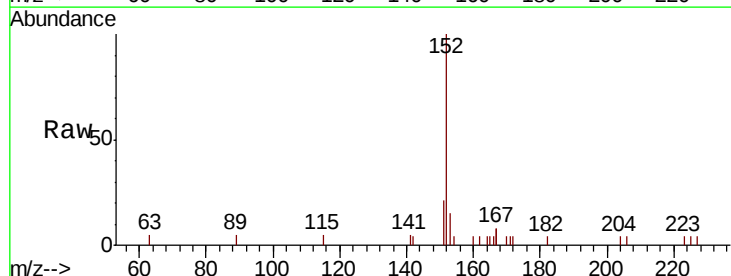
Instrument :
 BNA_E
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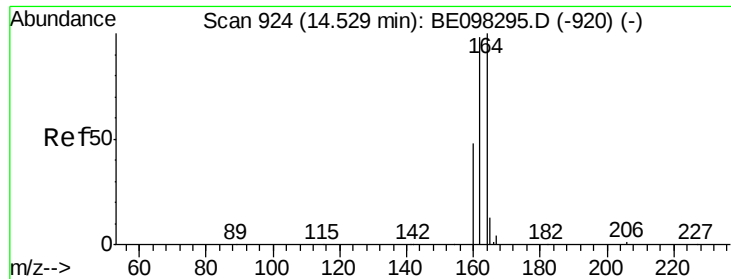
Tgt Ion: 82 Resp: 1350
 Ion Ratio Lower Upper
 82 100
 128 179.6 102.4 153.6#
 54 287.9 221.8 332.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.402 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098369.D
 Acq: 12 Dec 2018 20:01

Tgt Ion: 152 Resp: 3051
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.2 24.4

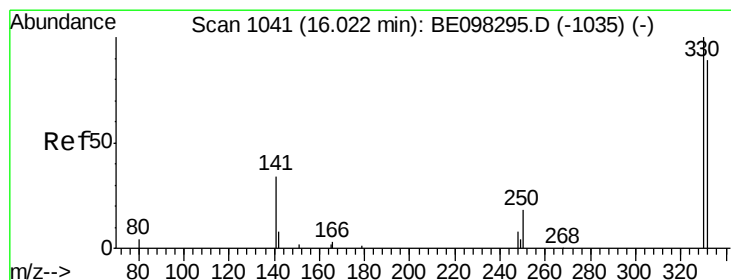
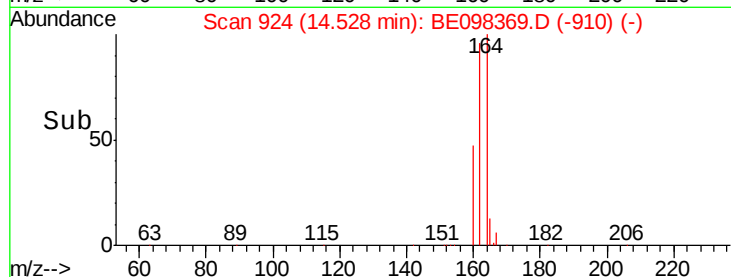
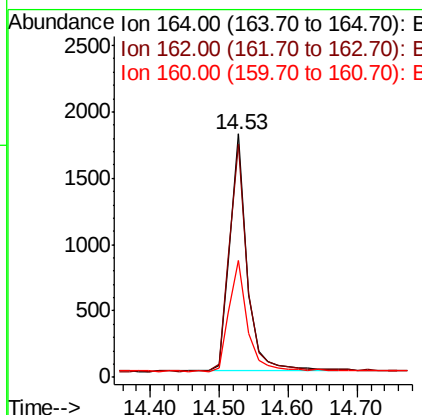
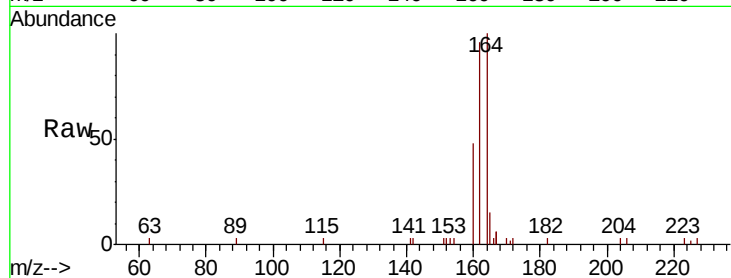




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BE098369.D
 Acq: 12 Dec 2018 20:01

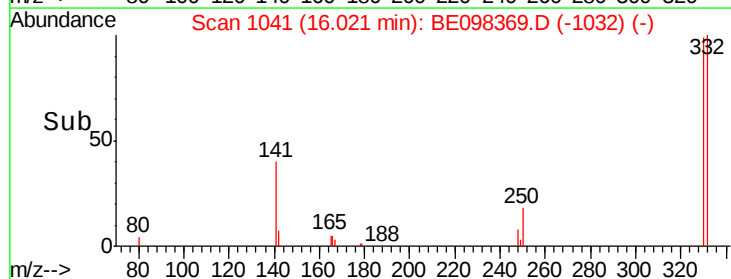
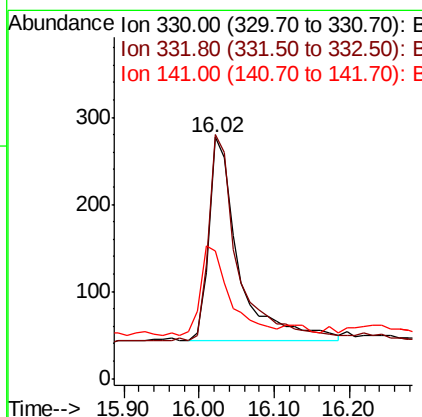
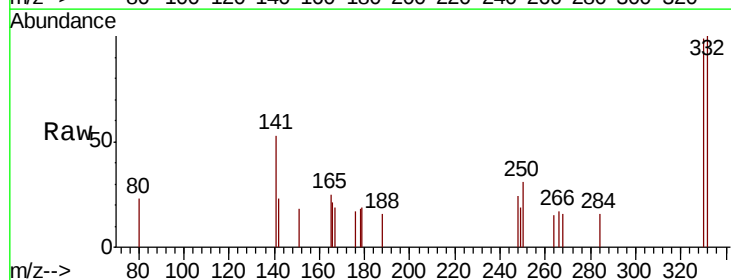
Instrument :
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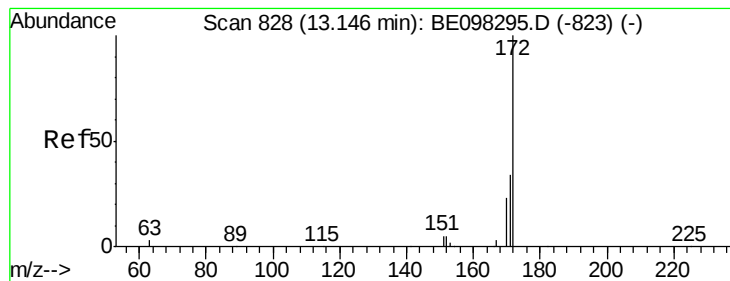
Tgt Ion:164 Resp: 3126
 Ion Ratio Lower Upper
 164 100
 162 96.1 77.6 116.4
 160 48.0 36.0 54.0



#14
 2,4,6-Tribromophenol
 Concen: 0.566 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098369.D
 Acq: 12 Dec 2018 20:01

Tgt Ion:330 Resp: 650
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.2 114.4
 141 44.0 39.0 58.4

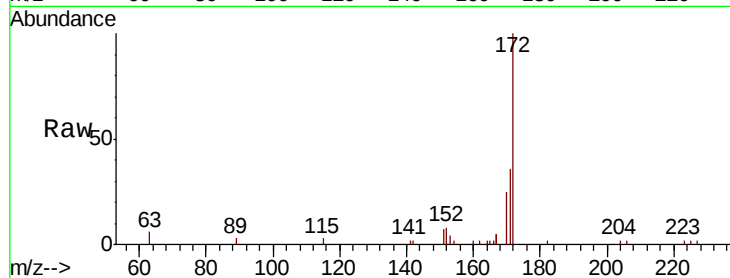




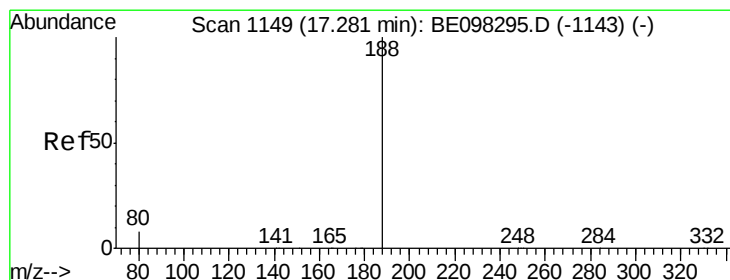
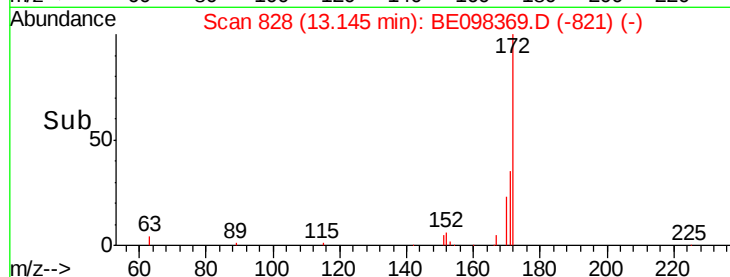
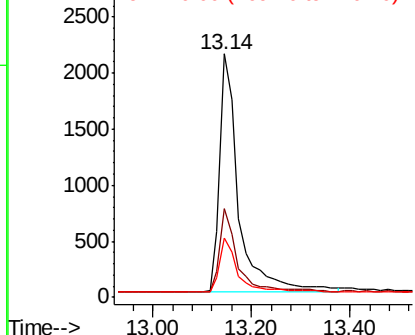
#15
 2-Fluorobiphenyl
 Concen: 0.433 ng
 RT: 13.14 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098369.D
 Acq: 12 Dec 2018 20:01

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion:172 Resp: 5715
 Ion Ratio Lower Upper
 172 100
 171 36.4 27.5 41.3
 170 24.6 19.6 29.4

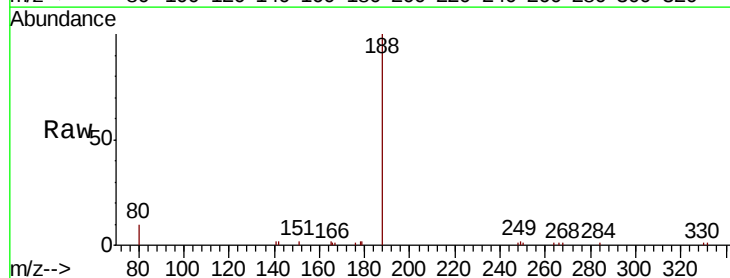


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

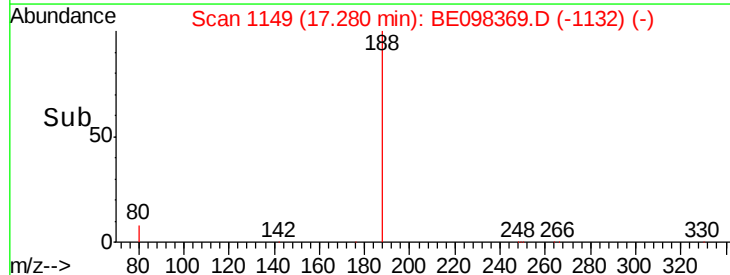
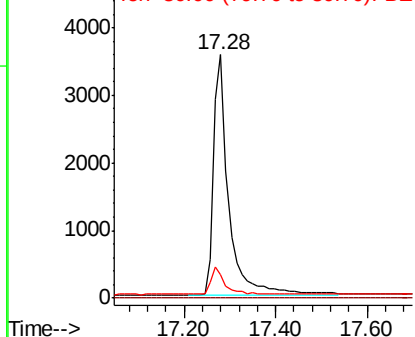


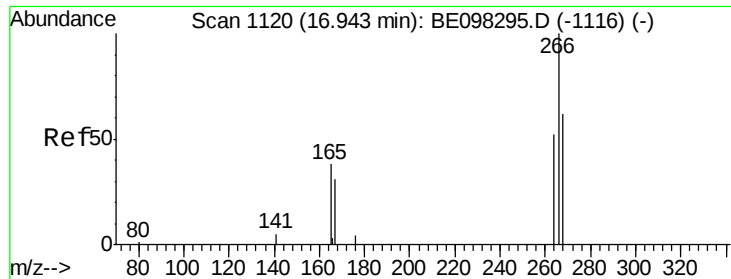
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.28 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BE098369.D
 Acq: 12 Dec 2018 20:01

Tgt Ion:188 Resp: 8272
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.7 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: 0.027 ng

RT: 16.98 min Scan# 1123

Delta R.T. 0.03 min

Lab File: BE098369.D

Acq: 12 Dec 2018 20:01

Instrument :

BNA_E

ClientSampleId :

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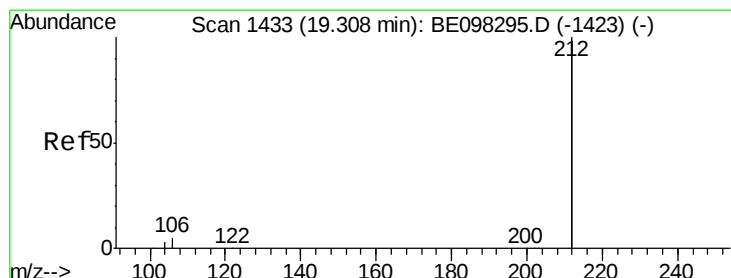
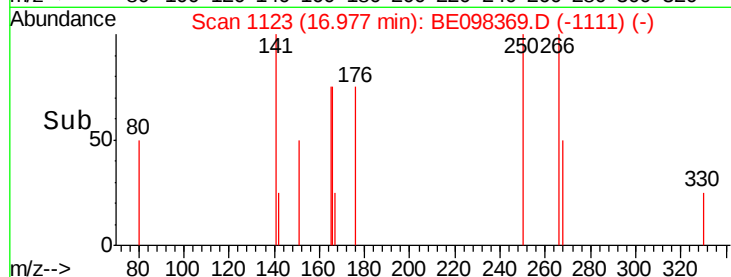
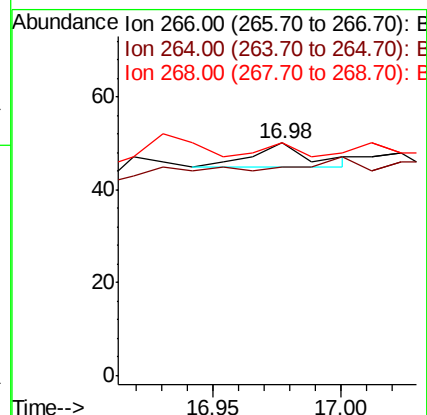
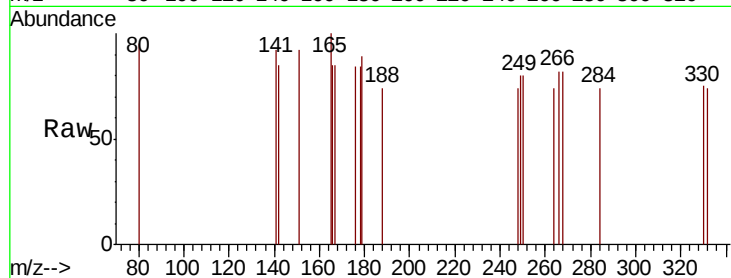
Tgt Ion: 266 Resp: 8

Ion Ratio Lower Upper

266 100

264 90.0 59.0 88.4#

268 100.0 55.1 82.7#



#25

Fluoranthene-d10

Concen: 0.443 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE098369.D

Acq: 12 Dec 2018 20:01

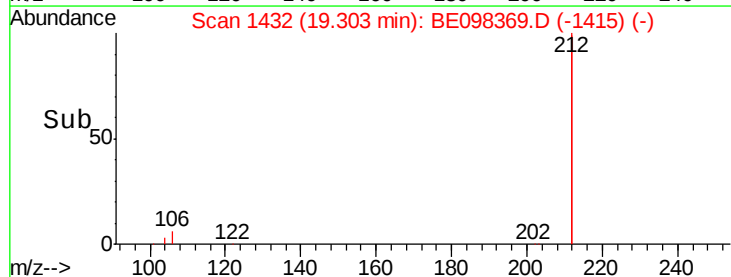
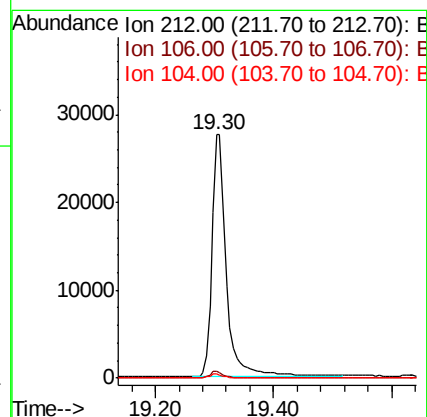
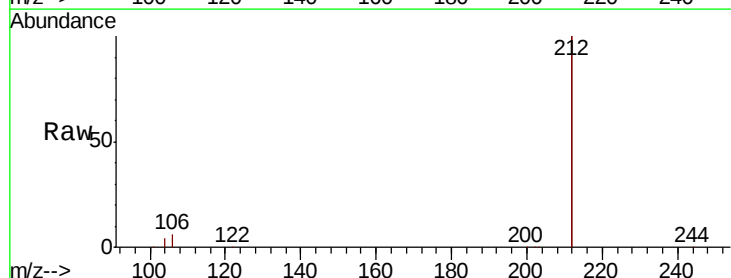
Tgt Ion: 212 Resp: 47049

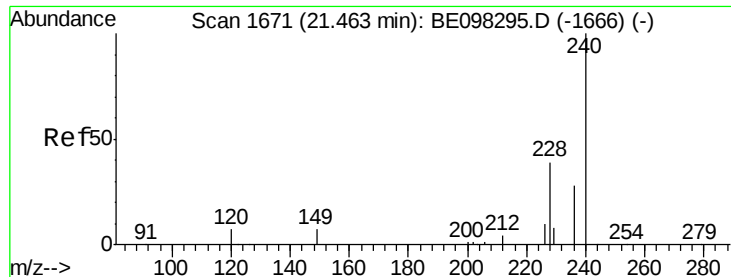
Ion Ratio Lower Upper

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: BE098369.D

Acq: 12 Dec 2018 20:01

Instrument :

BNA_E

ClientSampleId :

DUP01-20181205

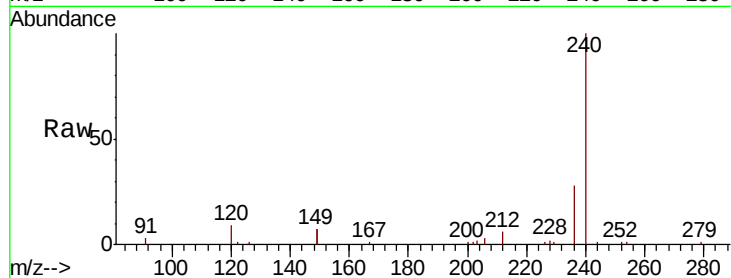
Tgt Ion:240 Resp: 9750

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

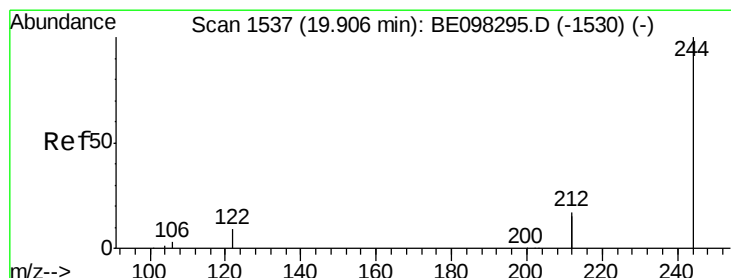
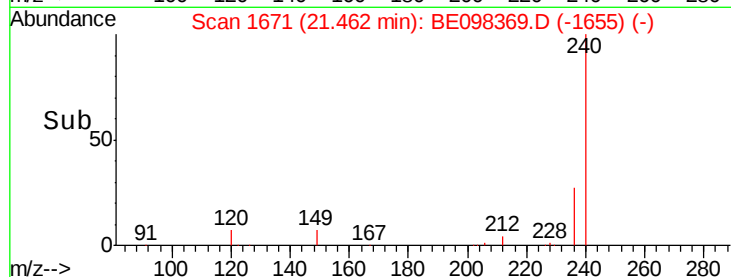
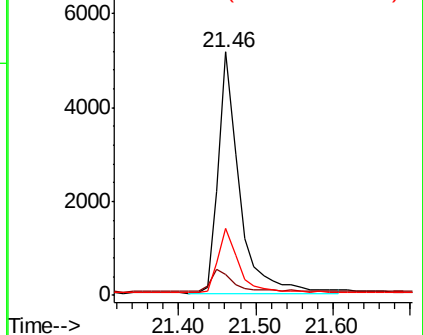
236 27.6 22.7 34.1



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: 0.411 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098369.D

Acq: 12 Dec 2018 20:01

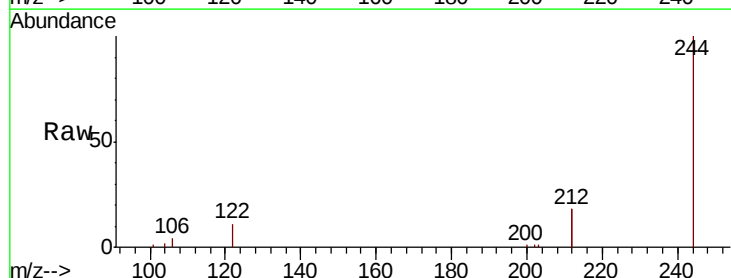
Tgt Ion:244 Resp: 9748

Ion Ratio Lower Upper

244 100

212 35.2 27.4 41.0

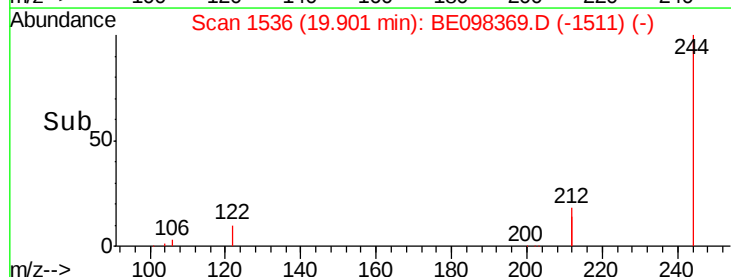
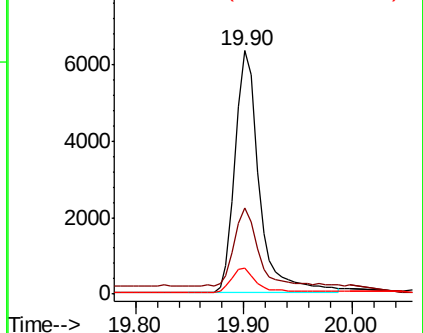
122 10.9 8.3 12.5

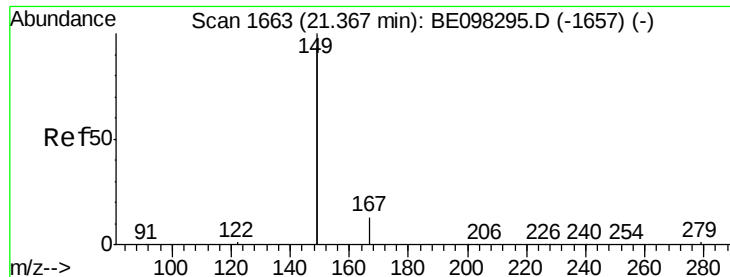


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

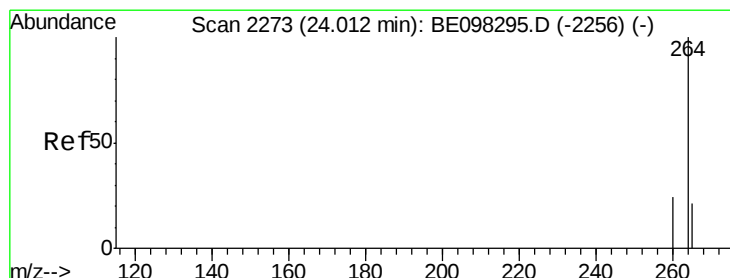
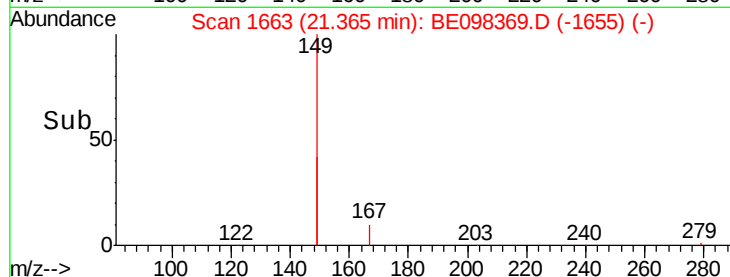
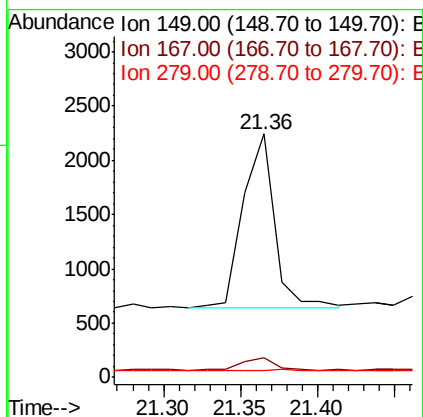
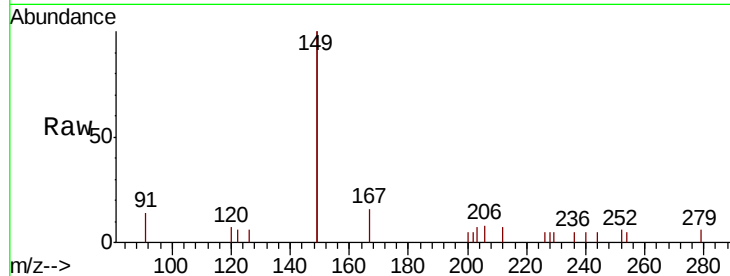




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.040 ng
 RT: 21.36 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BE098369.D
 Acq: 12 Dec 2018 20:01

Instrument :
 BNA_E
 ClientSampleId :
 DUP01-20181205

Tgt Ion:149 Resp: 2231
 Ion Ratio Lower Upper
 149 100
 167 7.1 5.7 8.5
 279 0.0 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BE098369.D
 Acq: 12 Dec 2018 20:01

Tgt Ion:264 Resp: 9542
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.2 30.2
 265 27.6 25.2 37.8

