

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121818\
 Data File : BE098514.D
 Acq On : 18 Dec 2018 15:57
 Operator : SJ/JU
 Sample : J6358-11MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4002-20181211MS

Quant Time: Dec 19 00:01:58 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	7.87	152	788	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4108	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2733	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	6645	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	7118	0.40	ng	-0.01
34) Perylene-d12	24.00	264	6497	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	431	0.23	ng	0.00
5) Phenol-d6	7.04	99	430	0.16	ng	0.00
8) Nitrobenzene-d5	9.04	82	1186	0.32	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	2745	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	486	0.48	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5233	0.45	ng	0.00
25) Fluoranthene-d10	19.30	212	34193	0.40	ng	0.00
29) Terphenyl-d14	19.89	244	9473	0.55	ng	-0.01

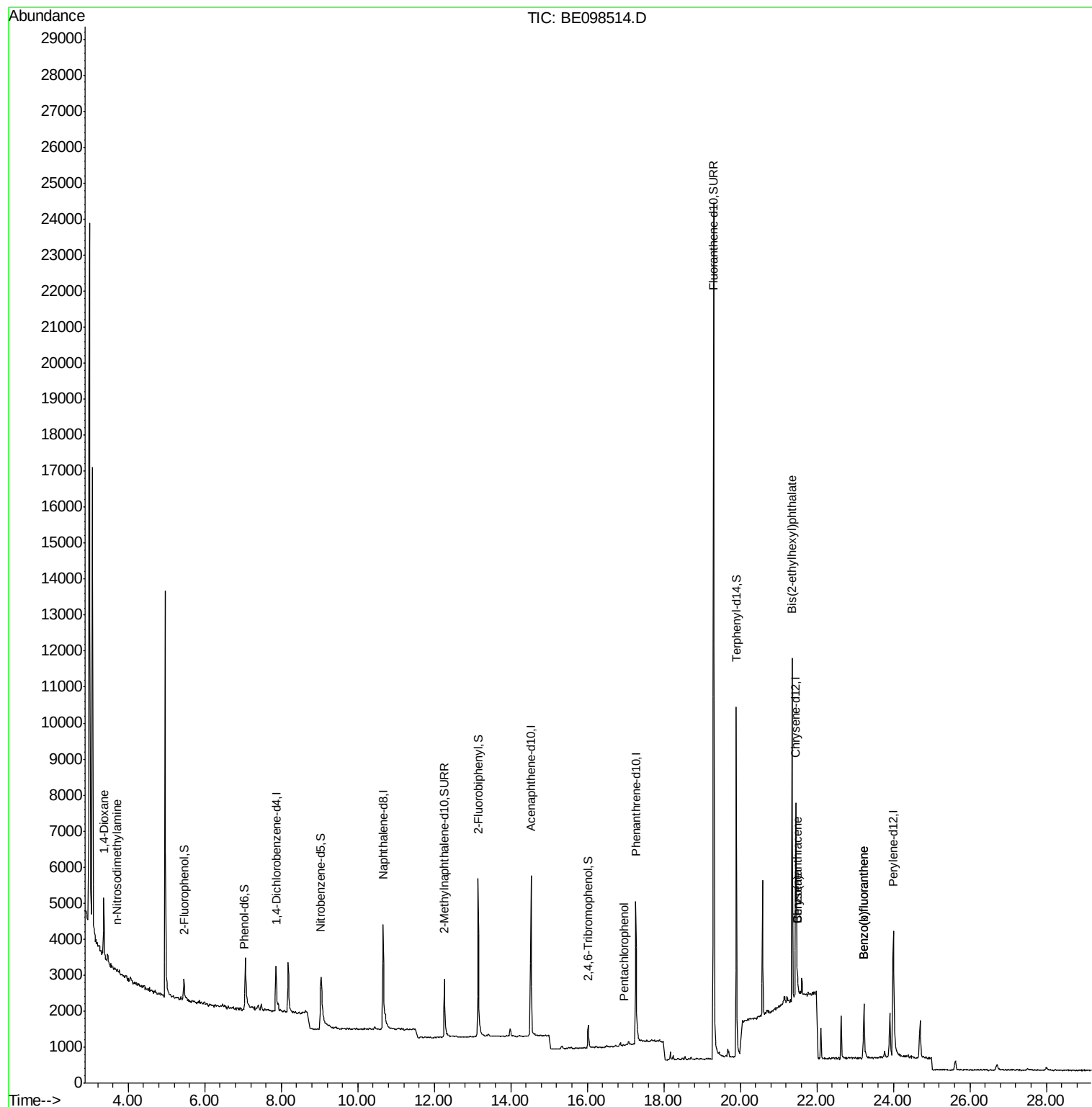
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	956	0.702	ng	# 89
3) n-Nitrosodimethylamine	3.72	42	32	0.026	ng	# 100
22) Pentachlorophenol	16.95	266	10	0.033	ng	# 71
30) Benzo(a)anthracene	21.49	228	678	0.033	ng	# 62
31) Chrysene	21.49	228	613	0.029	ng	# 65
32) Bis(2-ethylhexyl)phthalate	21.35	149	11521	0.280	ng	99
35) Benzo(b)fluoranthene	23.22	252	795	0.045	ng	# 1
36) Benzo(k)fluoranthene	23.22	252	795	0.038	ng	# 1

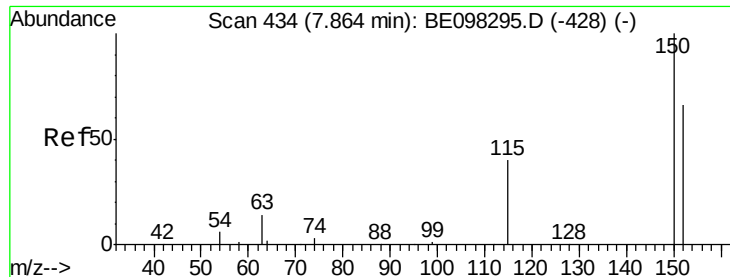
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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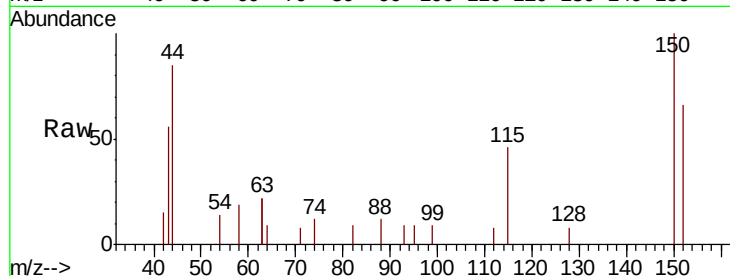


#1

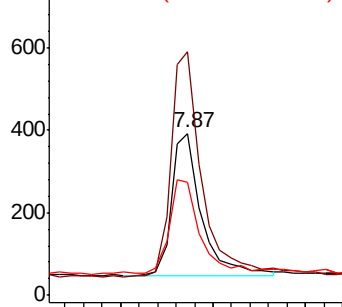
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. 0.01 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20181211MS

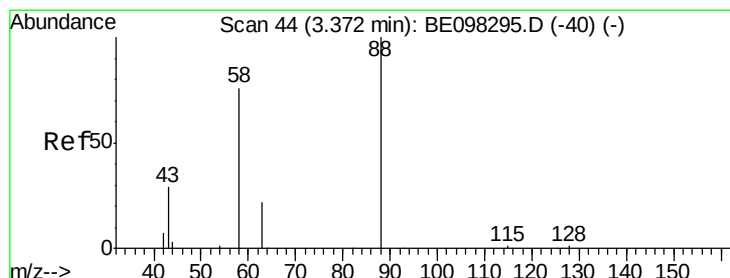
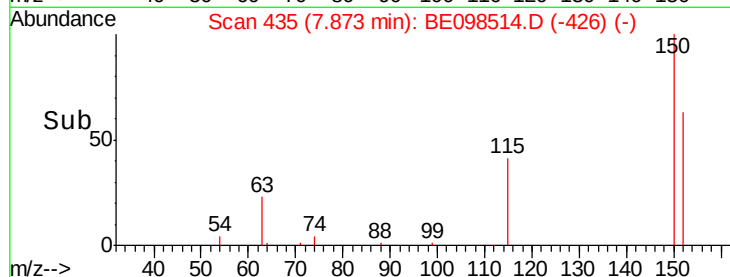
Tgt Ion: 152 Resp: 788
Ion Ratio Lower Upper
152 100
150 150.4 124.2 186.4
115 69.5 53.9 80.9



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



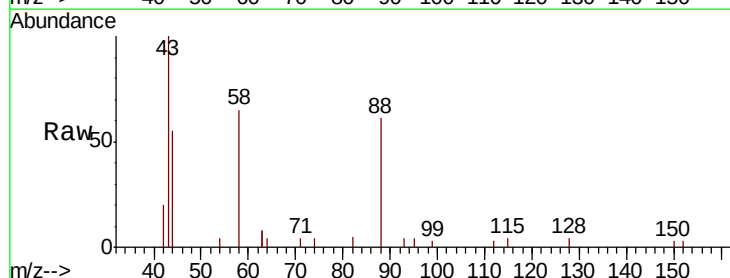
Time-->



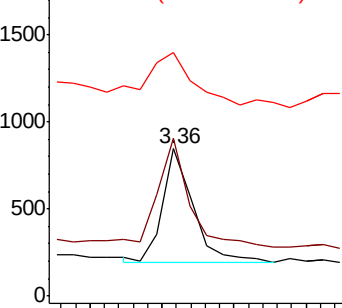
#2

1,4-Dioxane
Concen: 0.702 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

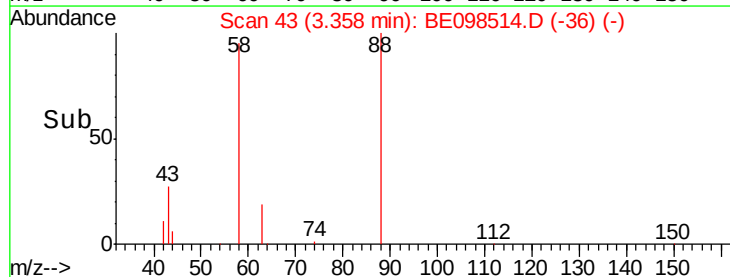
Tgt Ion: 88 Resp: 956
Ion Ratio Lower Upper
88 100
58 99.0 75.0 112.6
43 61.9 38.3 57.5#

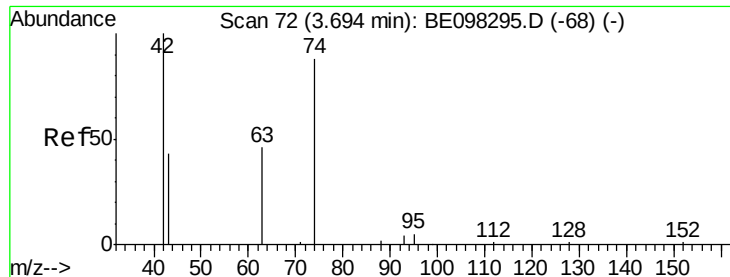


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.026 ng

RT: 3.72 min Scan# 74

Delta R.T. 0.02 min

Lab File: BE098514.D

Acq: 18 Dec 2018 15:57

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20181211MS

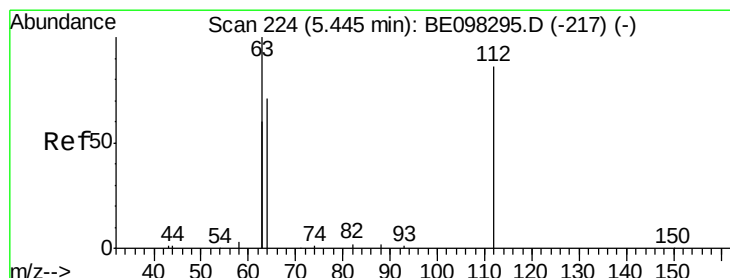
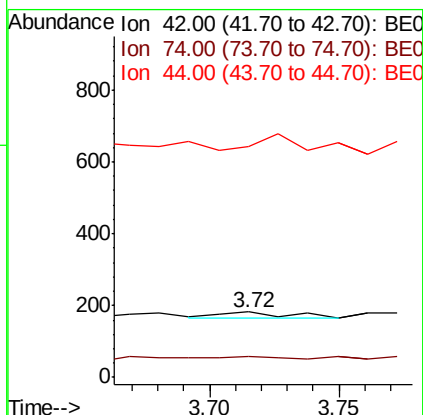
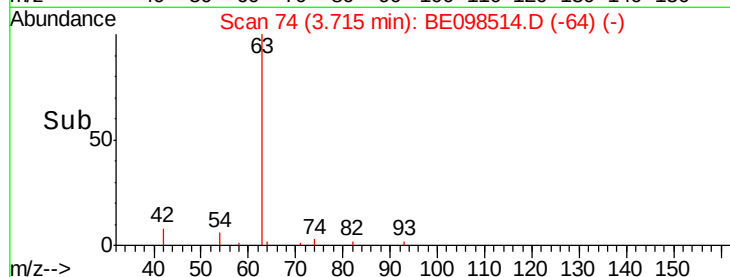
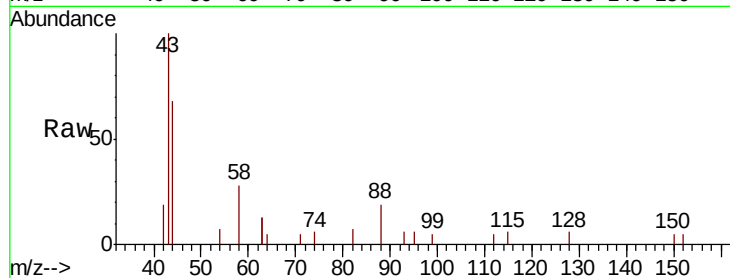
Tgt Ion: 42 Resp: 32

Ion Ratio Lower Upper

42 100

74 25.0 0.0 0.0#

44 118.8 0.0 0.0#



#4

2-Fluorophenol

Concen: 0.234 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098514.D

Acq: 18 Dec 2018 15:57

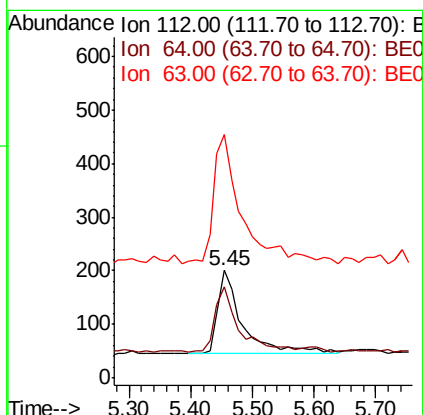
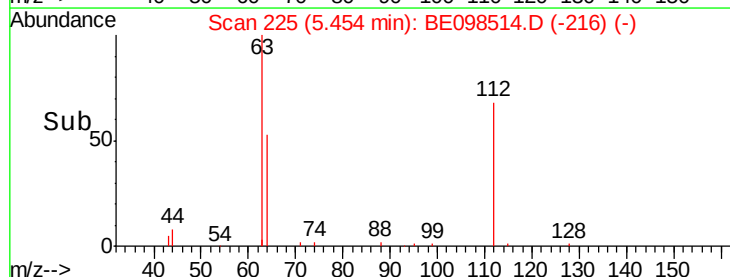
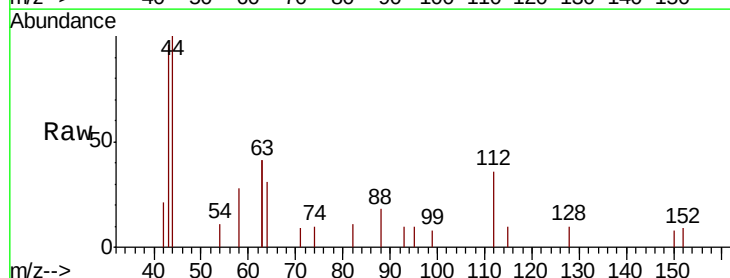
Tgt Ion: 112 Resp: 431

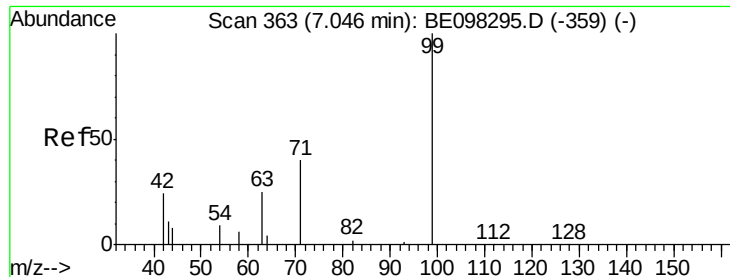
Ion Ratio Lower Upper

112 100

64 73.3 59.8 89.8

63 181.2 133.7 200.5





#5

Phenol-d6

Concen: 0.165 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098514.D

Acq: 18 Dec 2018 15:57

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20181211MS

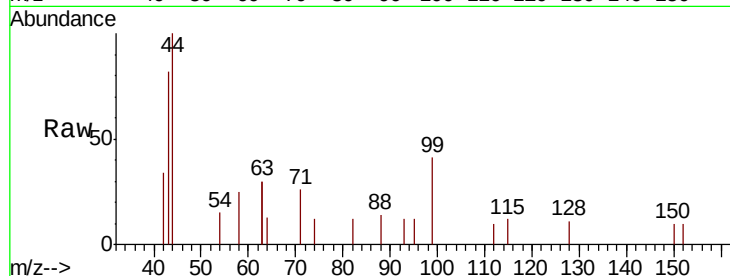
Tgt Ion: 99 Resp: 430

Ion Ratio Lower Upper

99 100

42 59.5 26.3 39.5#

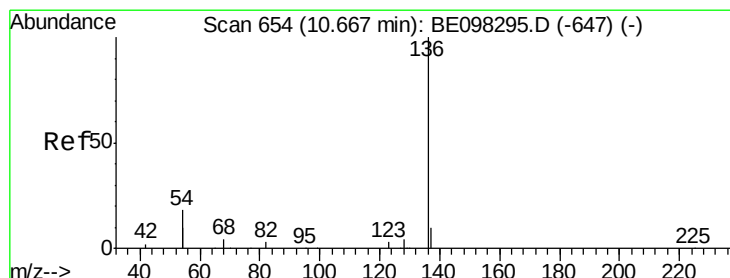
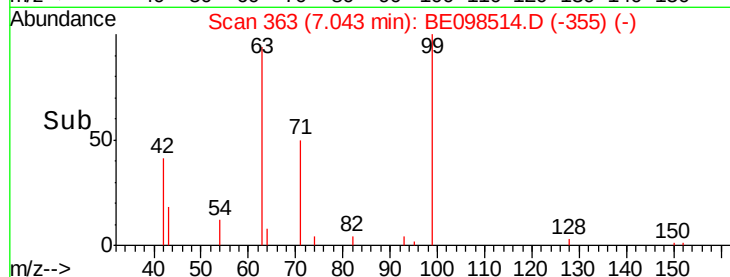
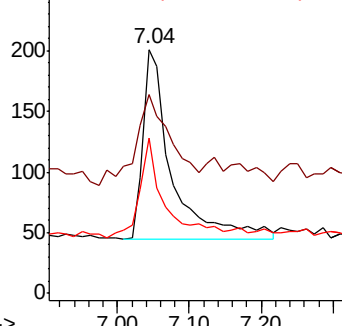
71 46.0 33.6 50.4



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: BE098514.D

Acq: 18 Dec 2018 15:57

Tgt Ion: 136 Resp: 4108

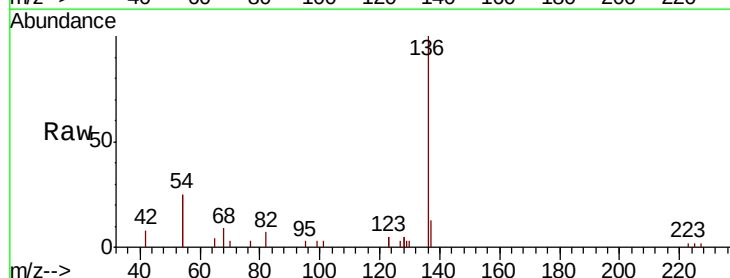
Ion Ratio Lower Upper

136 100

137 12.6 9.2 13.8

54 50.5 28.4 42.6#

68 8.6 5.4 8.0#

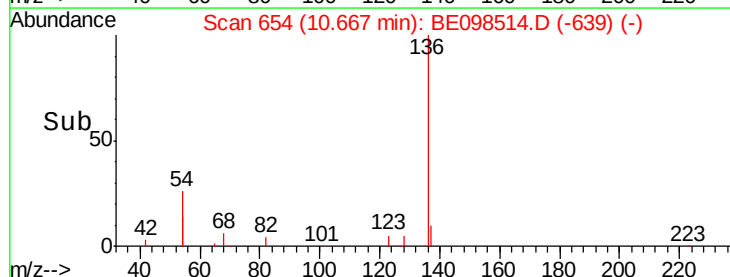
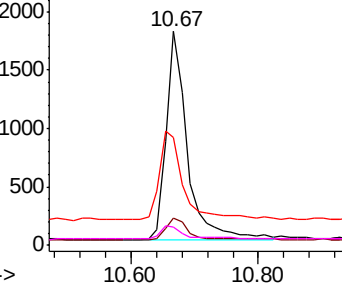


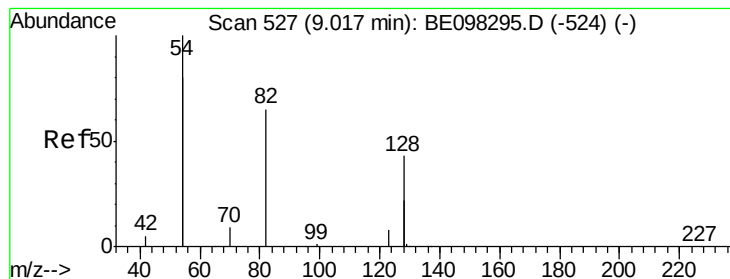
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.317 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098514.D

Acq: 18 Dec 2018 15:57

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BP-TT-SW4002-20181211MS

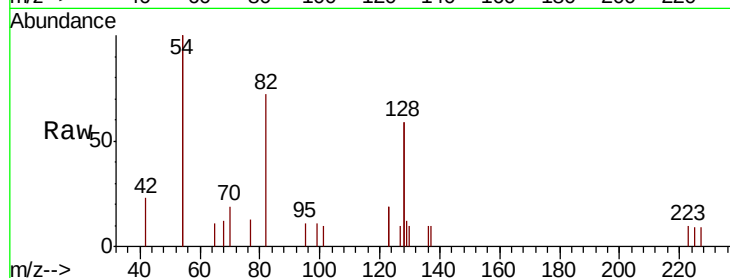
Tgt Ion: 82 Resp: 1186

Ion Ratio Lower Upper

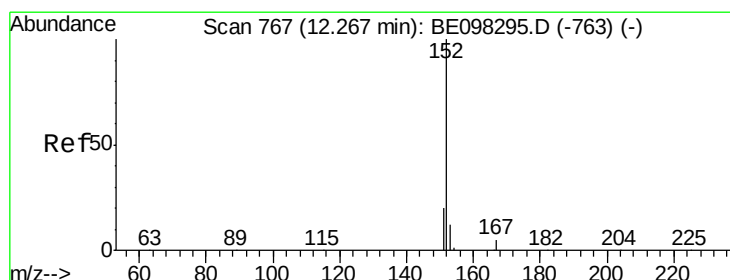
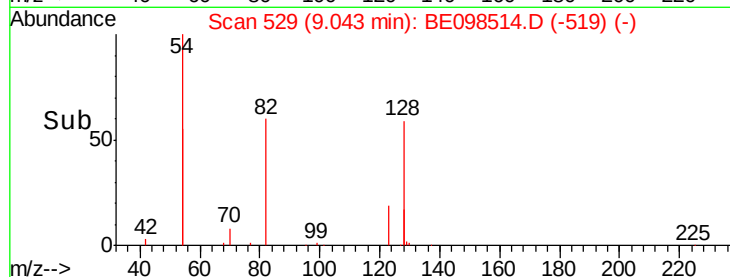
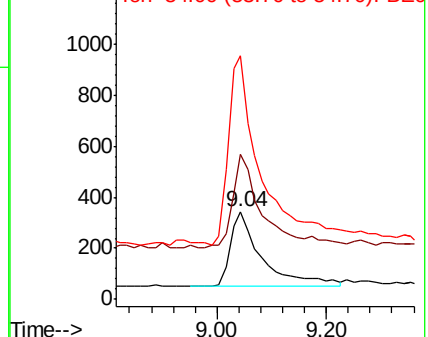
82 100

128 165.6 102.4 153.6#

54 278.7 221.8 332.8



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: 0.411 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098514.D

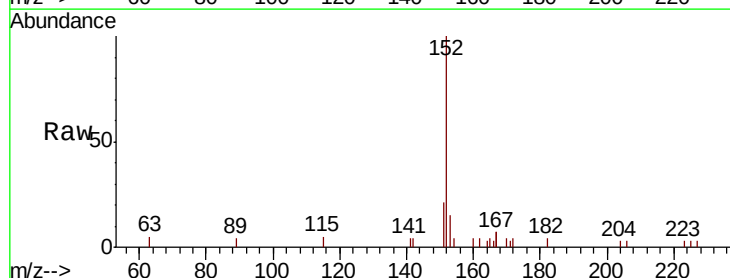
Acq: 18 Dec 2018 15:57

Tgt Ion: 152 Resp: 2745

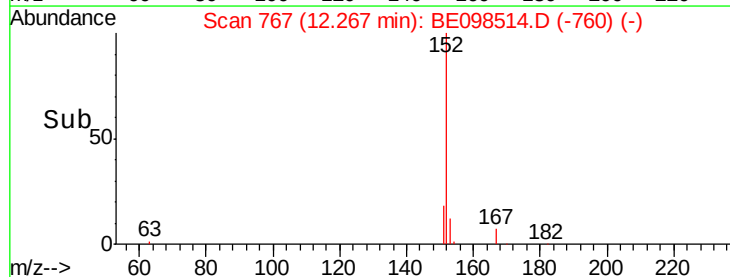
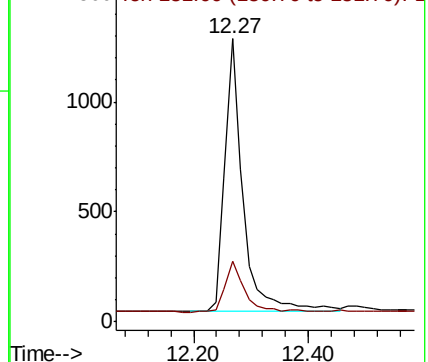
Ion Ratio Lower Upper

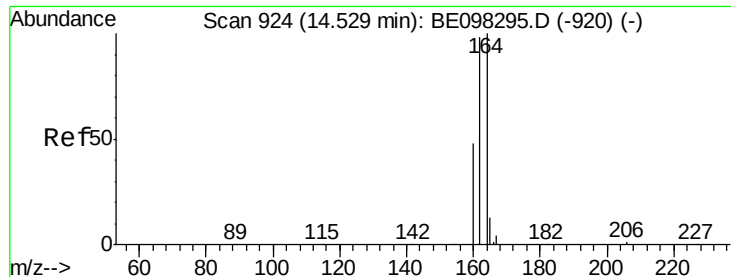
152 100

151 20.8 16.2 24.4



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

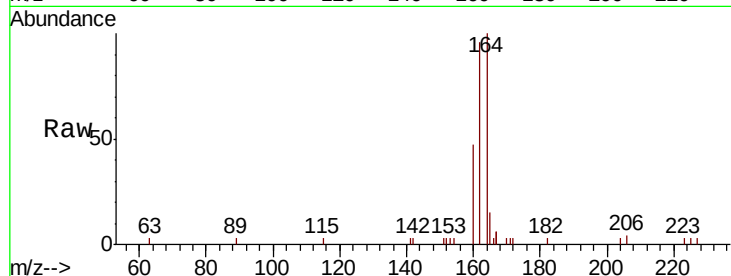




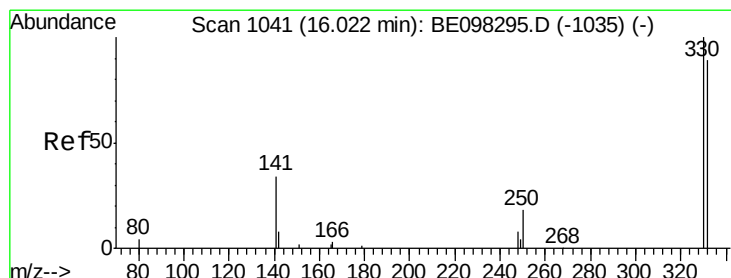
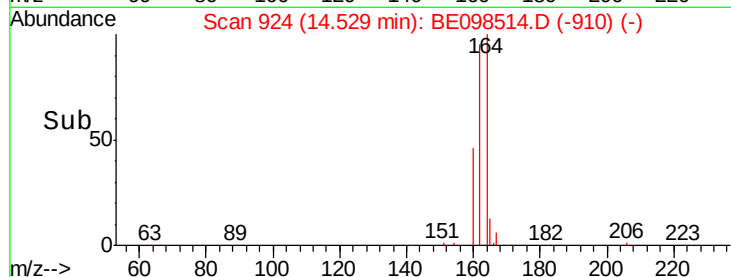
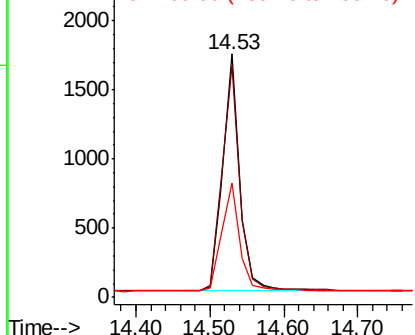
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

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Tgt Ion:164 Resp: 2733
Ion Ratio Lower Upper
164 100
162 95.6 77.6 116.4
160 47.1 36.0 54.0

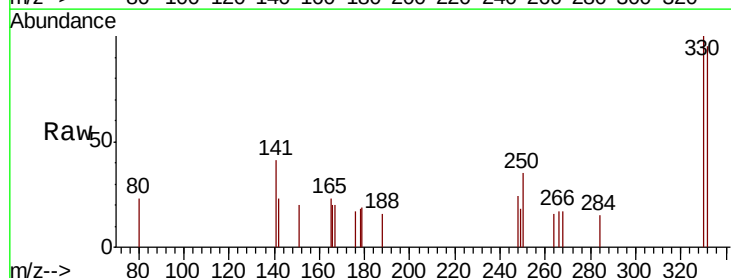


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

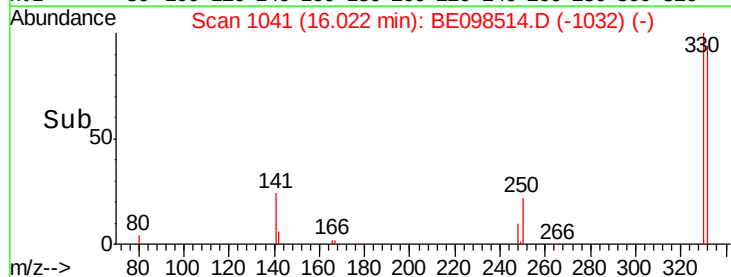
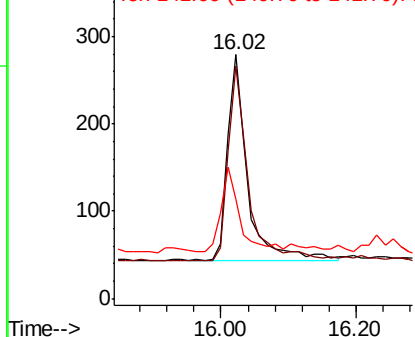


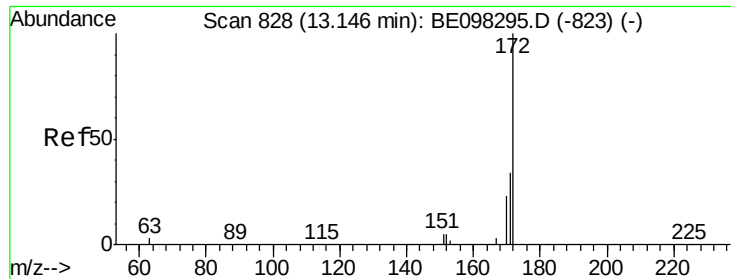
#14
2,4,6-Tribromophenol
Concen: 0.484 ng
RT: 16.02 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:330 Resp: 486
Ion Ratio Lower Upper
330 100
332 98.1 76.2 114.4
141 39.1 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

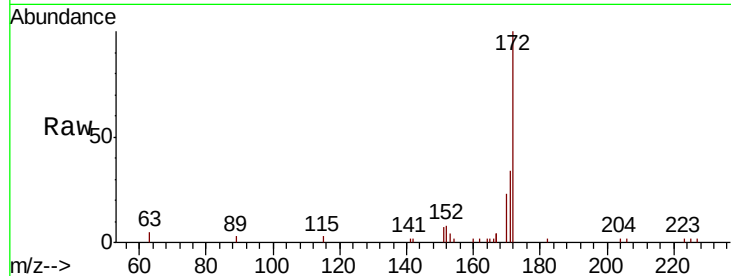




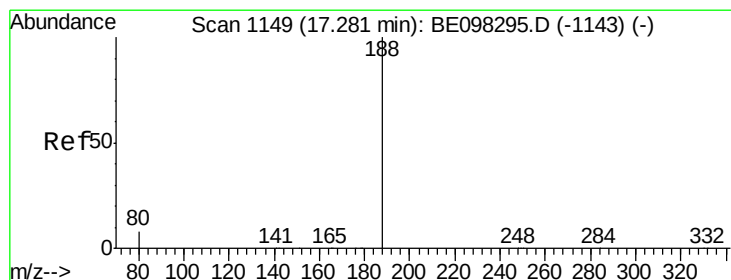
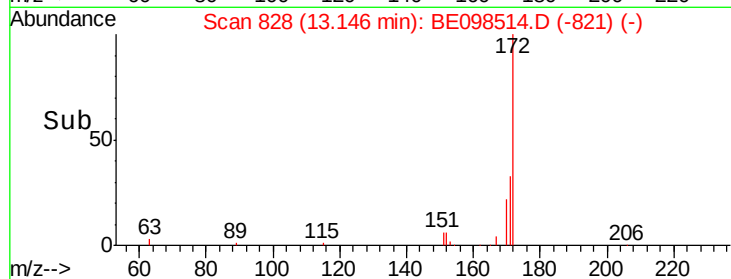
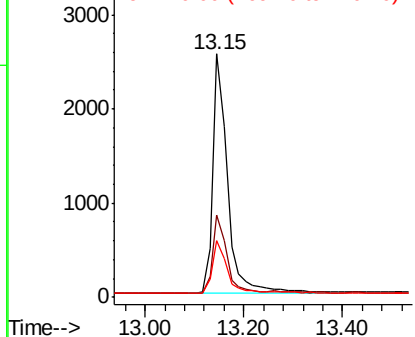
#15
2-Fluorobiphenyl
Concen: 0.454 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Instrument :
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Tgt Ion:172 Resp: 5233
Ion Ratio Lower Upper
172 100
171 33.8 27.5 41.3
170 23.5 19.6 29.4

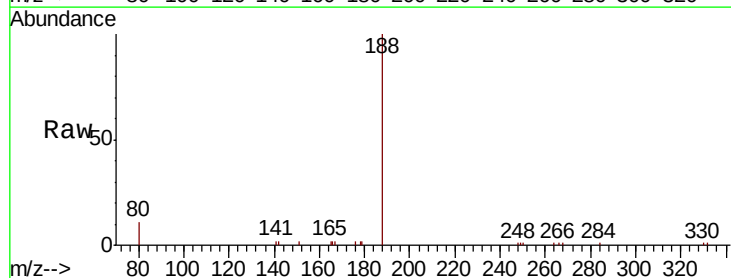


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

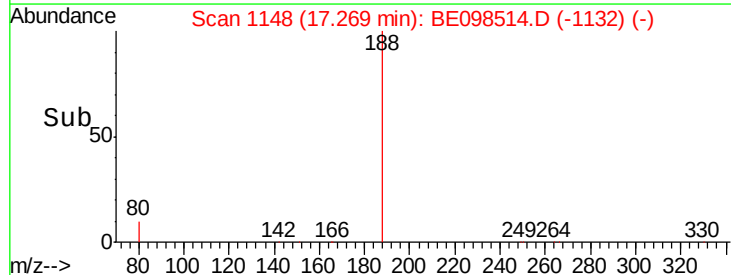
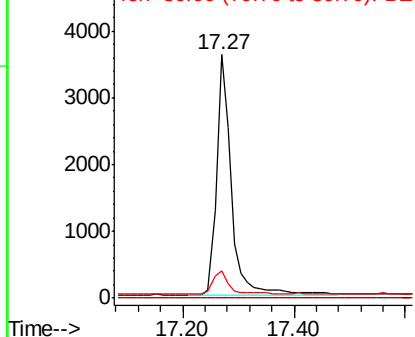


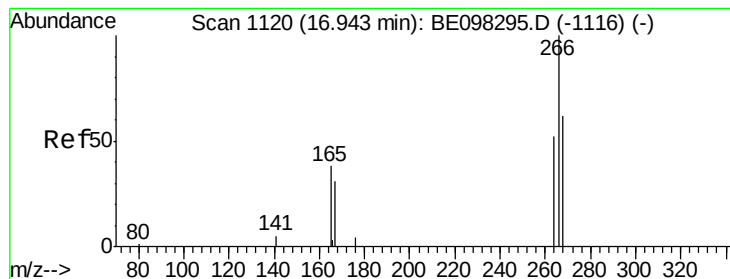
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098514.D
Acq: 18 Dec 2018 15:57

Tgt Ion:188 Resp: 6645
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 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: 0.033 ng

RT: 16.95 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE098514.D

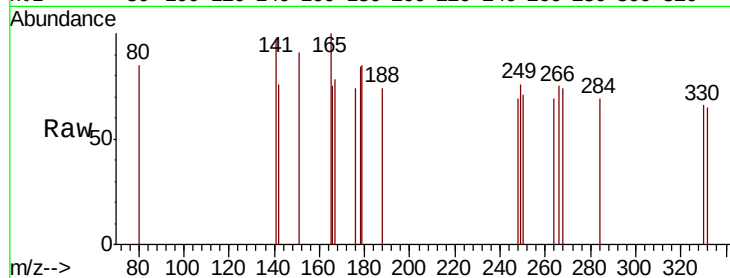
Acq: 18 Dec 2018 15:57

Instrument :

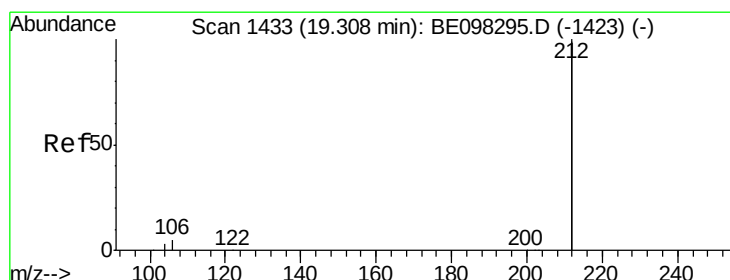
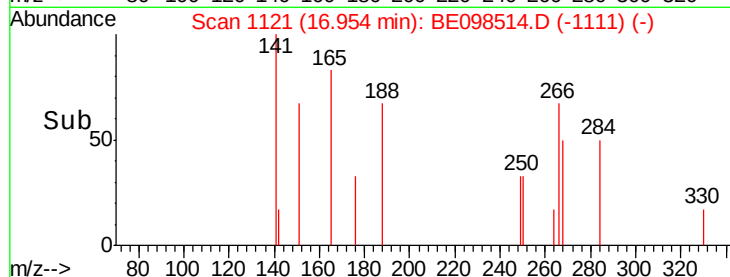
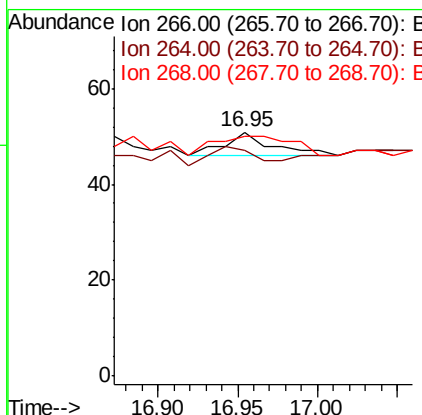
BNA_E

ClientSampleId :

BP-TT-SW4002-20181211MS



Tgt Ion:	266	Resp:	10
Ion	Ratio	Lower	Upper
266	100		
264	92.2	59.0	88.4#
268	98.0	55.1	82.7#



#25

Fluoranthene-d10

Concen: 0.401 ng

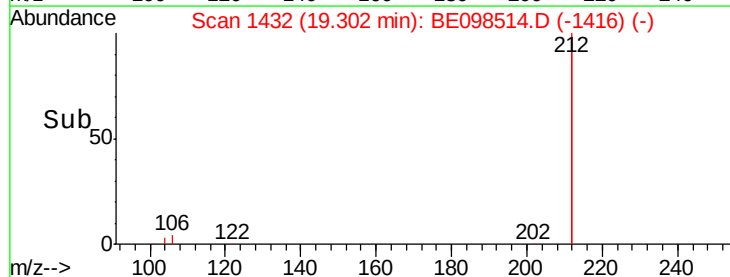
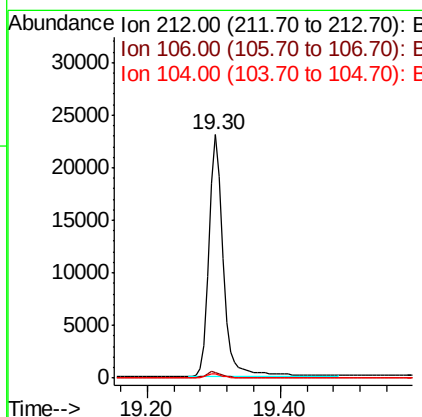
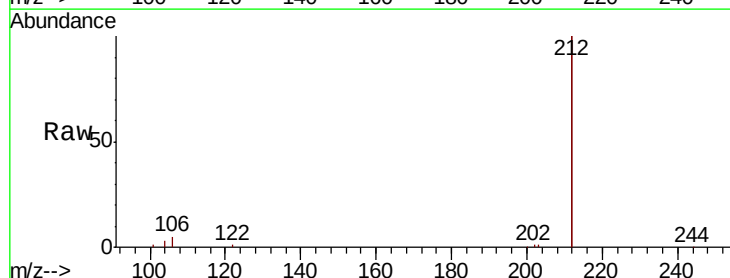
RT: 19.30 min Scan# 1432

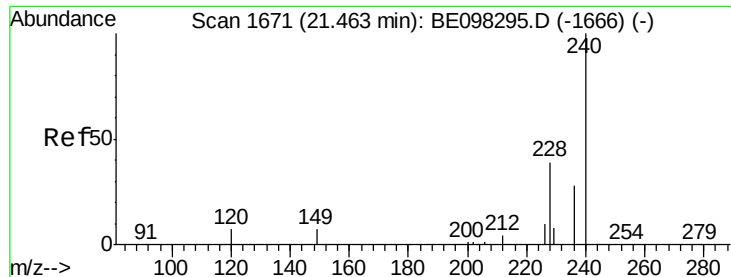
Delta R.T. -0.01 min

Lab File: BE098514.D

Acq: 18 Dec 2018 15:57

Tgt Ion:	212	Resp:	34193
Ion	Ratio	Lower	Upper
212	100		
106	2.5	2.2	3.2
104	1.4	1.3	1.9

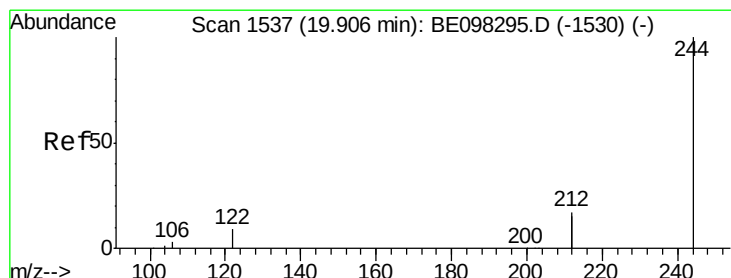
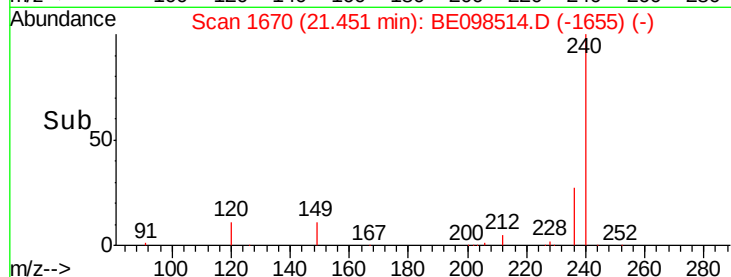
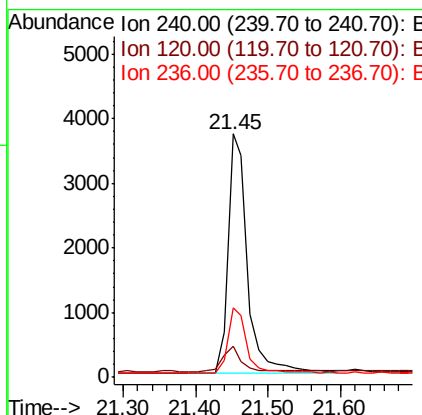
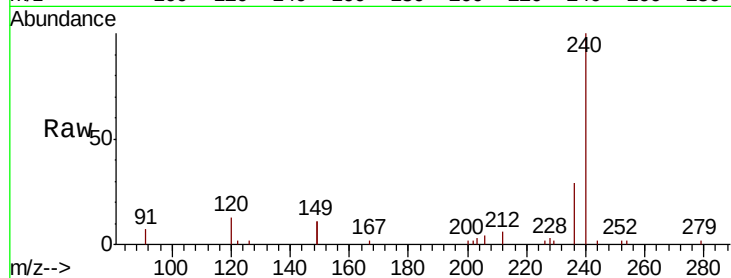




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.45 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BE098514.D
 Acq: 18 Dec 2018 15:57

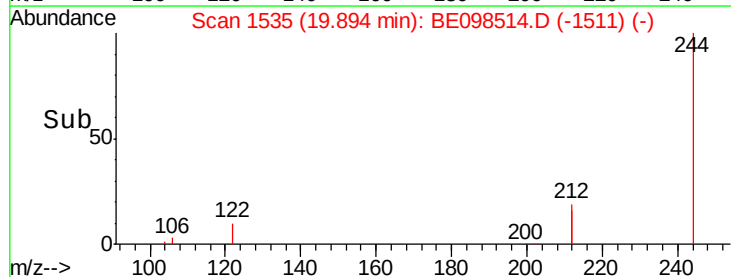
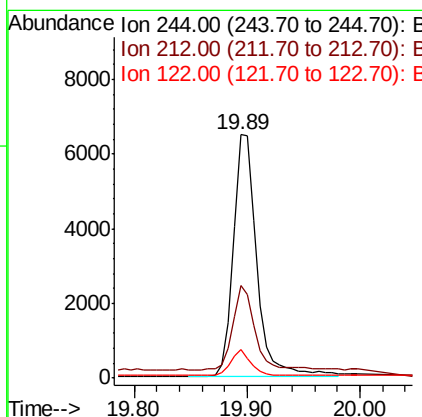
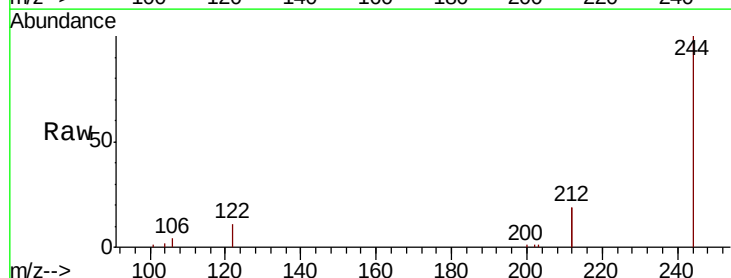
Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4002-20181211MS

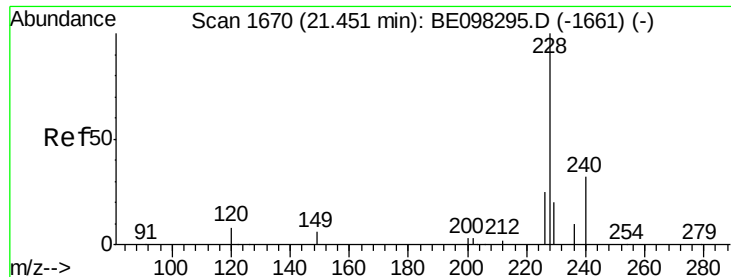
Tgt Ion:240 Resp: 7118
 Ion Ratio Lower Upper
 240 100
 120 12.8 9.5 14.3
 236 28.6 22.7 34.1



#29
 Terphenyl-d14
 Concen: 0.548 ng
 RT: 19.89 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BE098514.D
 Acq: 18 Dec 2018 15:57

Tgt Ion:244 Resp: 9473
 Ion Ratio Lower Upper
 244 100
 212 38.1 27.4 41.0
 122 11.5 8.3 12.5





#30

Benzo(a)anthracene

Concen: 0.033 ng

RT: 21.49 min Scan# 1673

Delta R.T. 0.04 min

Lab File: BE098514.D

Acq: 18 Dec 2018 15:57

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20181211MS

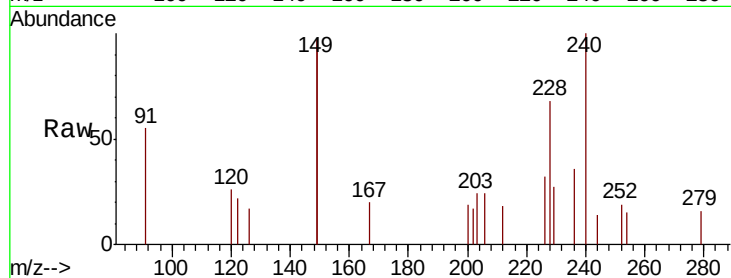
Tgt Ion:228 Resp: 678

Ion Ratio Lower Upper

228 100

226 46.3 21.8 32.8#

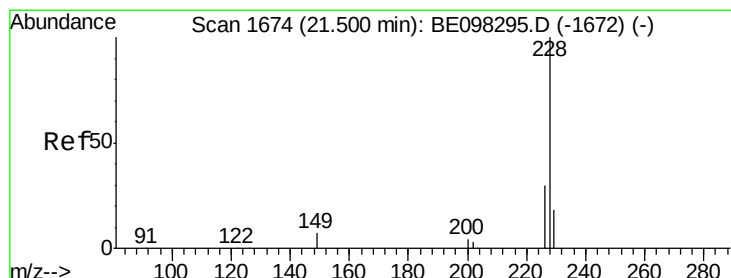
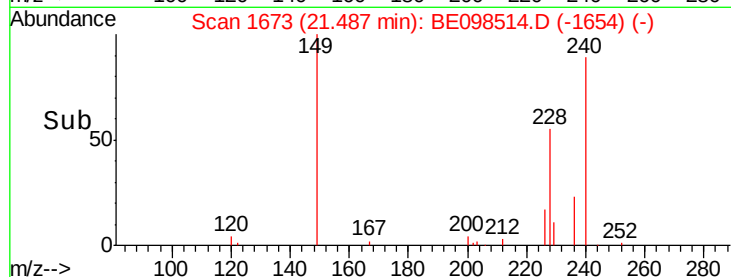
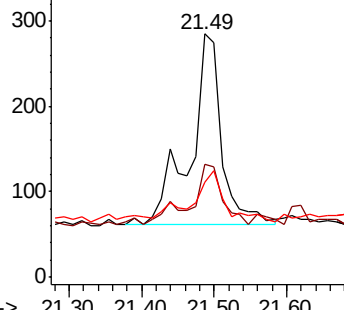
229 38.9 16.3 24.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.029 ng

RT: 21.49 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BE098514.D

Acq: 18 Dec 2018 15:57

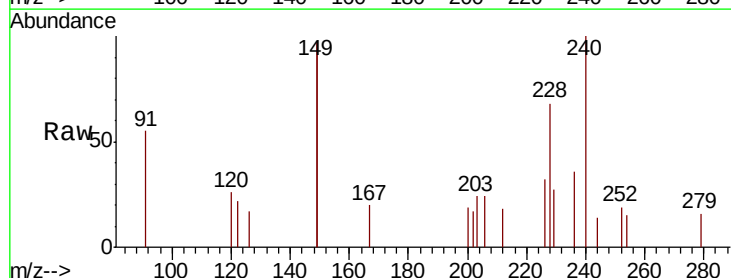
Tgt Ion:228 Resp: 613

Ion Ratio Lower Upper

228 100

226 46.3 23.4 35.0#

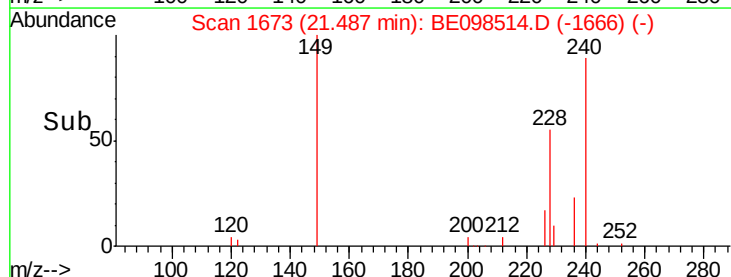
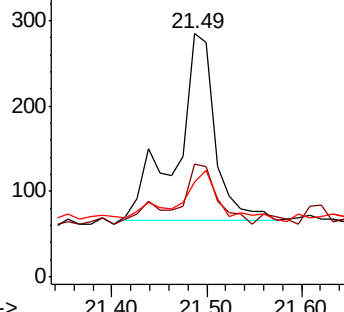
229 38.9 16.2 24.4#

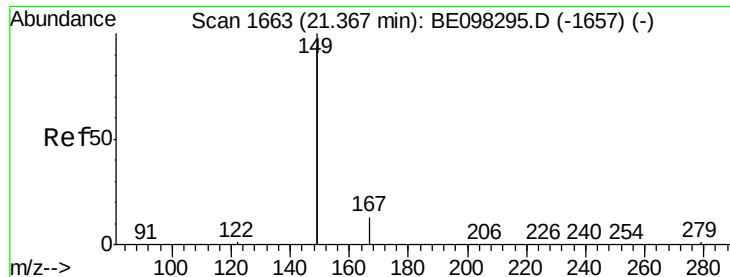


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.280 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098514.D

Acq: 18 Dec 2018 15:57

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20181211MS

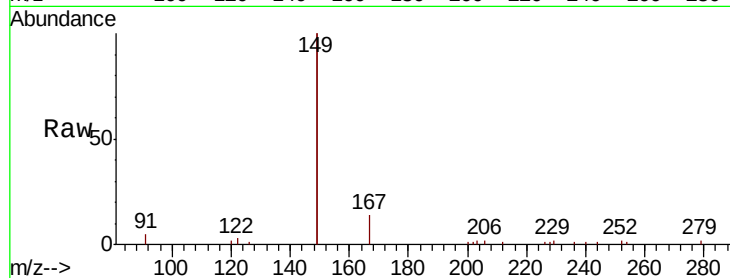
Tgt Ion:149 Resp: 11521

Ion Ratio Lower Upper

149 100

167 6.6 5.7 8.5

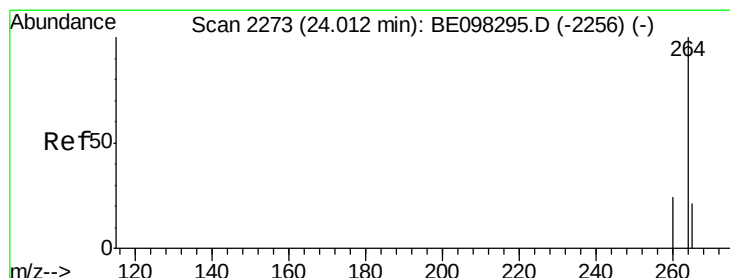
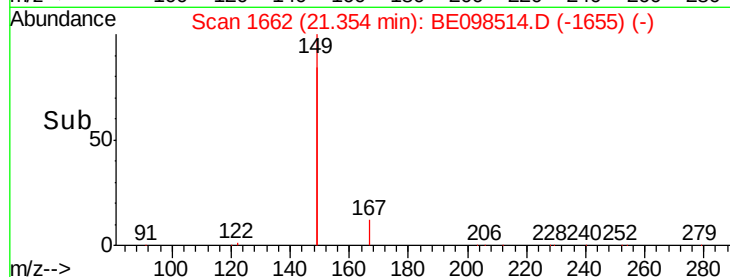
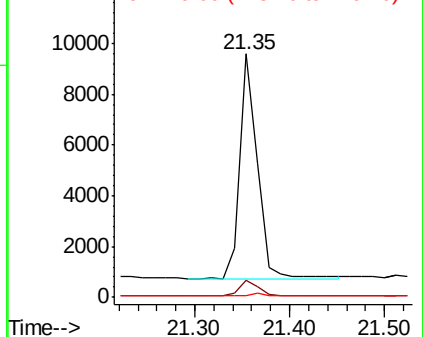
279 1.1 1.0 1.4



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: BE098514.D

Acq: 18 Dec 2018 15:57

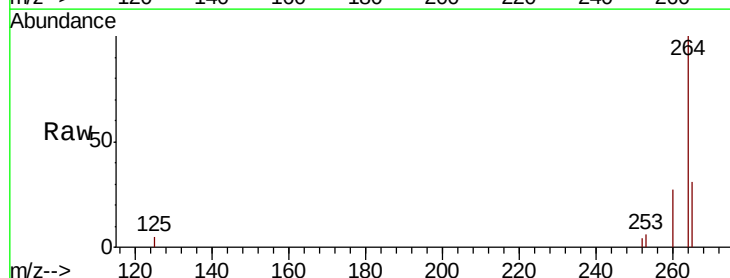
Tgt Ion:264 Resp: 6497

Ion Ratio Lower Upper

264 100

260 27.2 20.2 30.2

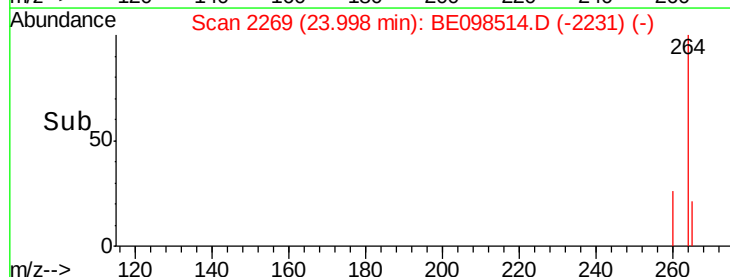
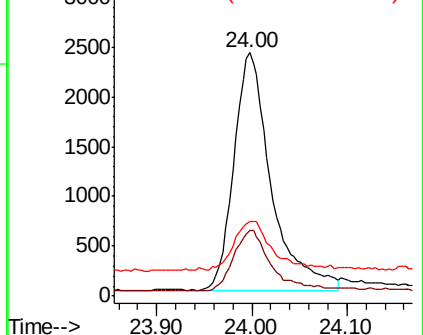
265 30.7 25.2 37.8

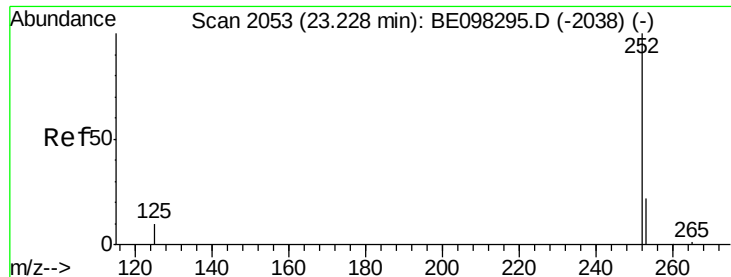


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.045 ng

RT: 23.22 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BE098514.D

Acq: 18 Dec 2018 15:57

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20181211MS

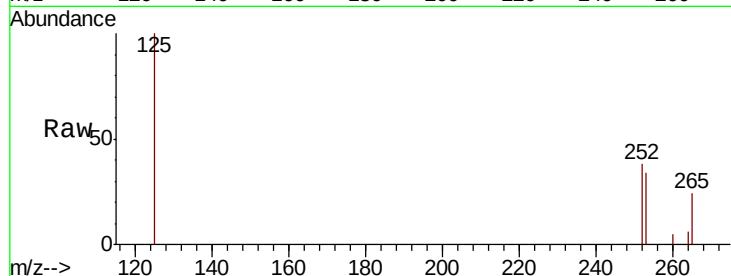
Tgt Ion:252 Resp: 795

Ion Ratio Lower Upper

252 100

253 89.8 20.0 30.0#

125 265.3 9.6 14.4#

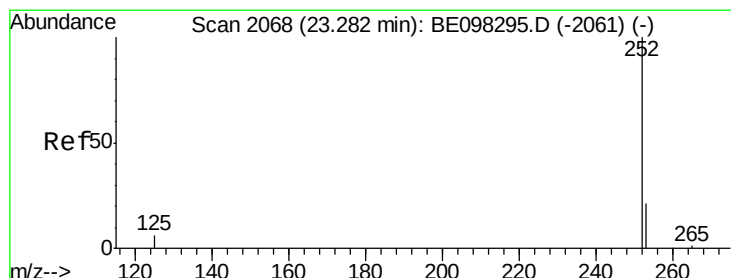
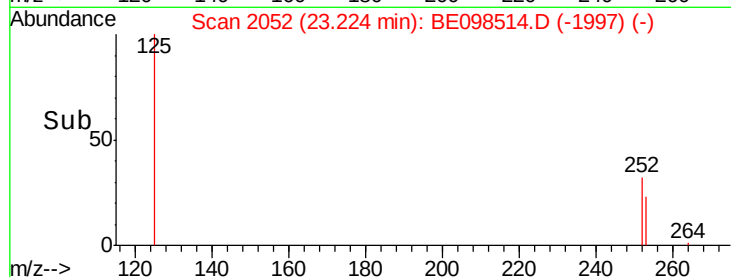
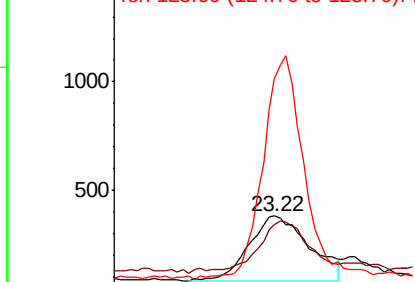


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.038 ng

RT: 23.22 min Scan# 2052

Delta R.T. -0.06 min

Lab File: BE098514.D

Acq: 18 Dec 2018 15:57

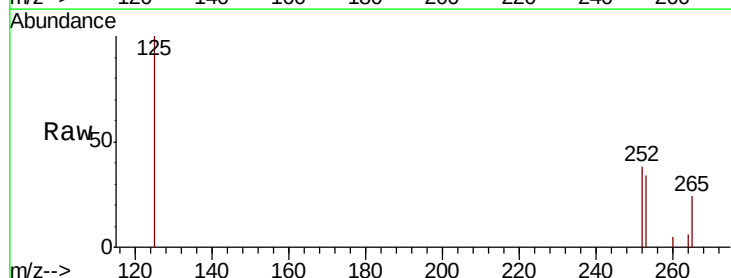
Tgt Ion:252 Resp: 795

Ion Ratio Lower Upper

252 100

253 89.8 19.0 28.6#

125 265.3 9.1 13.7#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

