

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121918\
 Data File : BE098523.D
 Acq On : 19 Dec 2018 10:20
 Operator : SJ/JU
 Sample : J6405-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE105D1-20181210

Quant Time: Dec 19 11:01:22 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

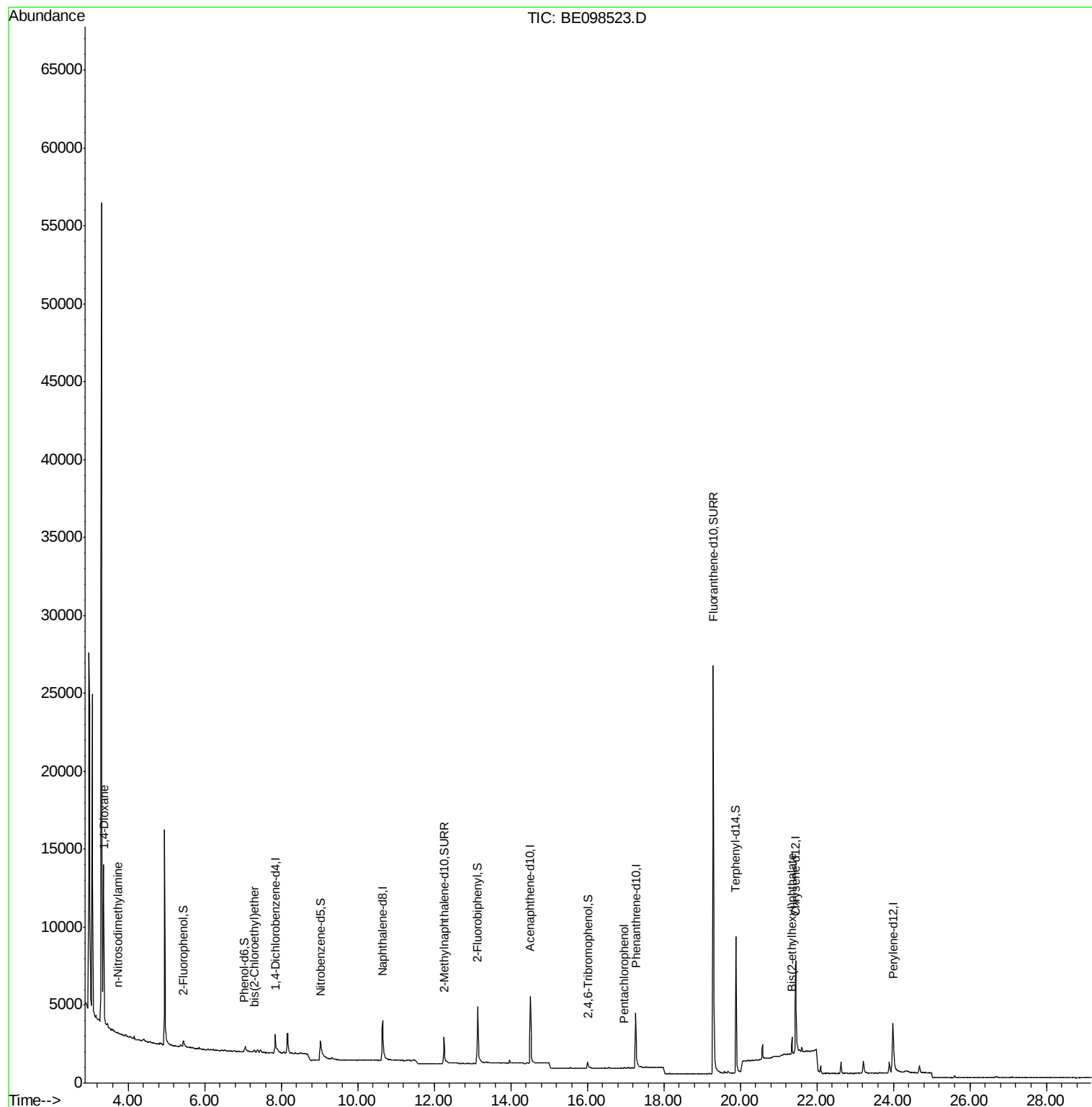
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	775	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	3813	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2712	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	6692	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	7495	0.40	ng	-0.01
34) Perylene-d12	23.99	264	6897	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	361	0.20	ng	0.00
5) Phenol-d6	7.05	99	348	0.14	ng	0.00
8) Nitrobenzene-d5	9.03	82	1159	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	2953	0.48	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	376	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	5134	0.45	ng	-0.01
25) Fluoranthene-d10	19.30	212	39806	0.46	ng	-0.01
29) Terphenyl-d14	19.89	244	8305	0.46	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.36	88	5560	4.148	ng	Qvalue 97
3) n-Nitrosodimethylamine	3.73	42	48	0.040	ng	# 100
6) bis(2-Chloroethyl)ether	7.30	93	64	0.026	ng	# 74
22) Pentachlorophenol	16.95	266	8	0.030	ng	# 73
32) Bis(2-ethylhexyl)phthalate	21.35	149	1587	0.037	ng	98

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

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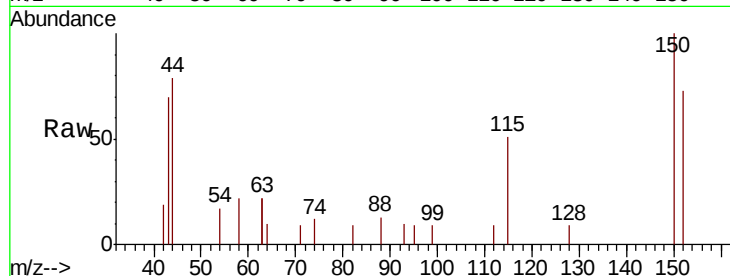


#1

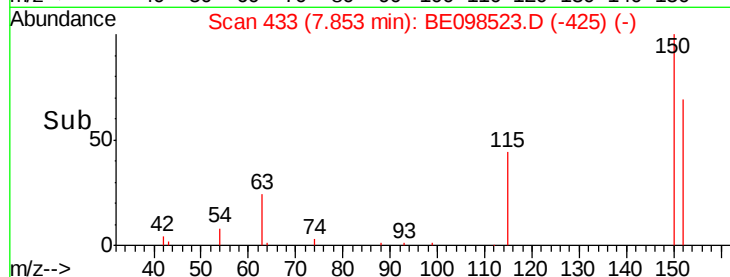
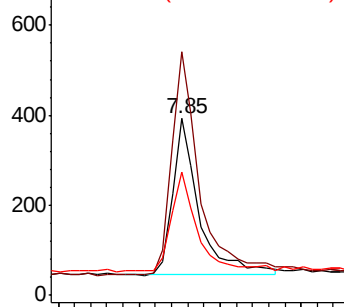
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098523.D
Acq: 19 Dec 2018 10:20

Instrument :
BNA_E
ClientSampleId :
RE105D1-20181210

Tot Ion:152 Resp: 775
Ion Ratio Lower Upper
152 100
150 137.7 124.2 186.4
115 70.0 53.9 80.9



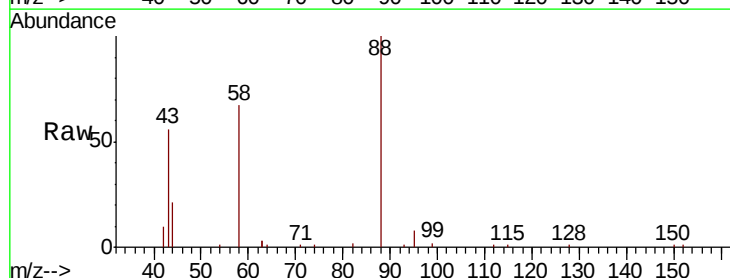
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



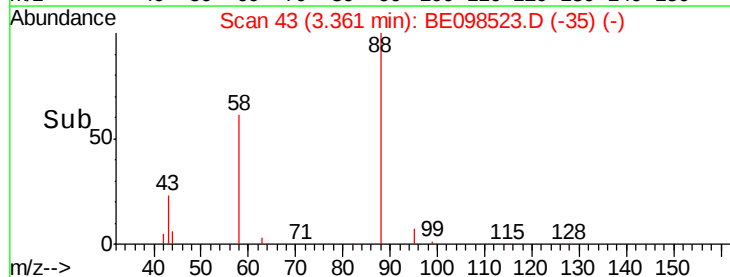
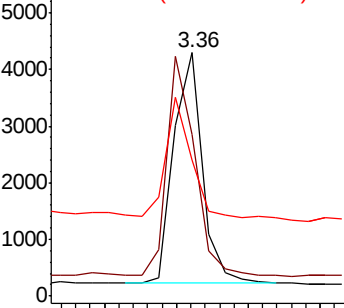
#2

1,4-Dioxane
Concen: 4.148 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098523.D
Acq: 19 Dec 2018 10:20

Tgt Ion: 88 Resp: 5560
Ion Ratio Lower Upper
88 100
58 91.8 75.0 112.6
43 45.6 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



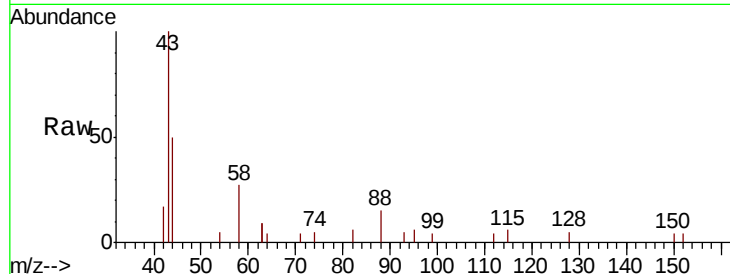


#3

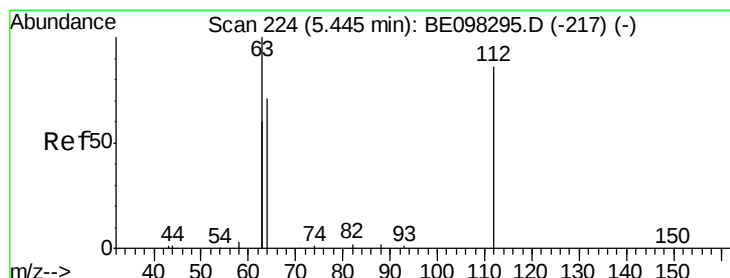
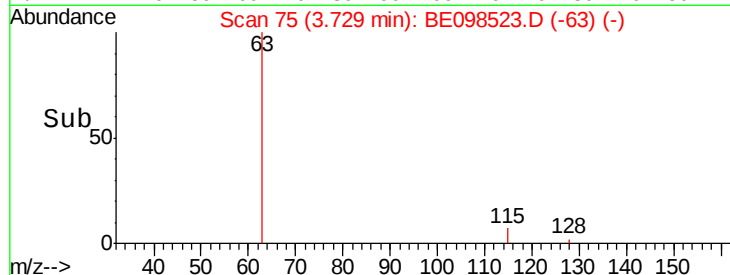
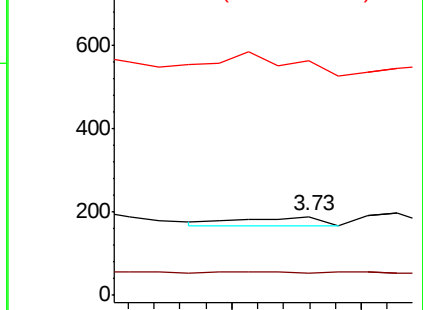
n-Nitrosodimethylamine
 Concen: 0.040 ng
 RT: 3.73 min Scan# 75
 Delta R.T. 0.04 min
 Lab File: BE098523.D
 Acq: 19 Dec 2018 10:20

Instrument :
 BNA_E
 ClientSampleId :
 RE105D1-20181210

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0



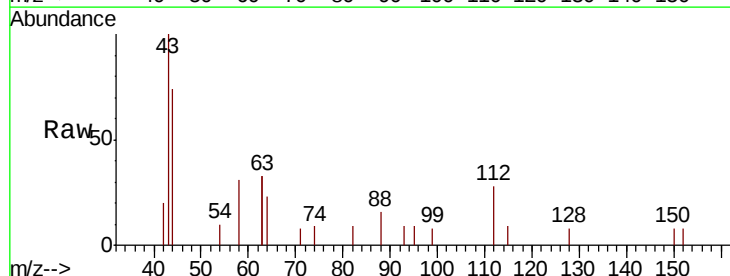
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



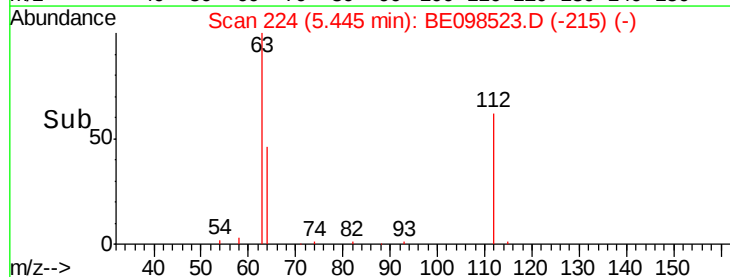
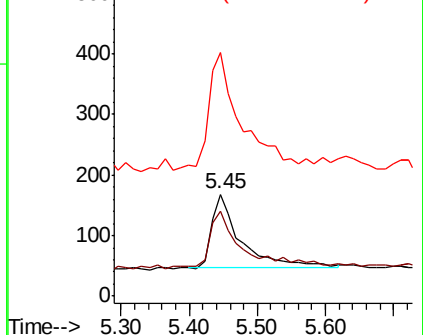
#4

2-Fluorophenol
 Concen: 0.199 ng
 RT: 5.45 min Scan# 224
 Delta R.T. 0.00 min
 Lab File: BE098523.D
 Acq: 19 Dec 2018 10:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	91.1	59.8	89.8#
63	169.3	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: 0.135 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098523.D

Acq: 19 Dec 2018 10:20

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210

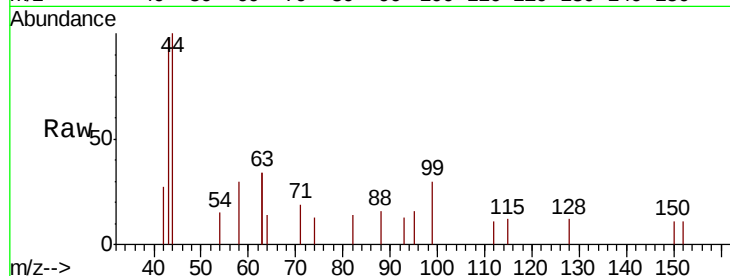
Tot Ion: 99 Resp: 348

Ion Ratio Lower Upper

99 100

42 29.0 26.3 39.5

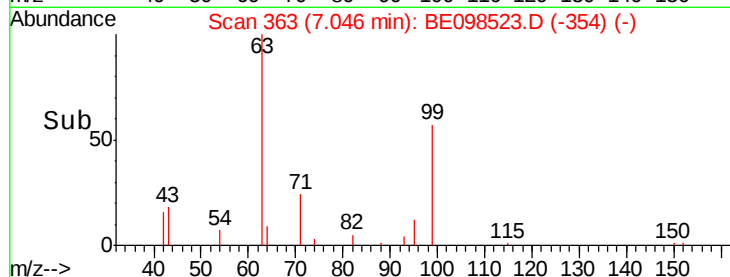
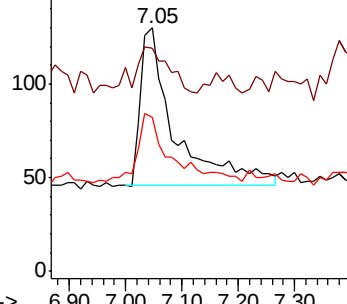
71 40.2 33.6 50.4



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



#6

bis(2-Chloroethyl)ether

Concen: 0.026 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.01 min

Lab File: BE098523.D

Acq: 19 Dec 2018 10:20

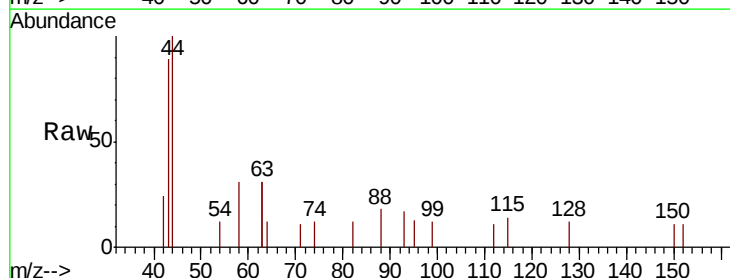
Tgt Ion: 93 Resp: 64

Ion Ratio Lower Upper

93 100

63 278.1 264.4 396.6

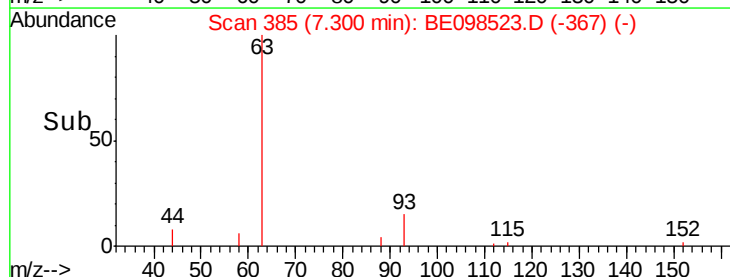
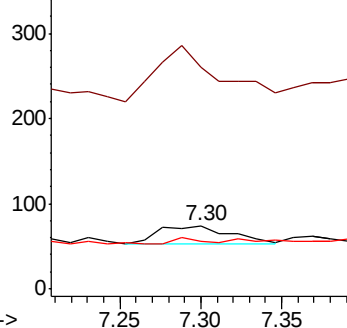
95 10.9 26.6 40.0#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098523.D

Acq: 19 Dec 2018 10:20

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210

Tot Ion:136 Resp: 3813

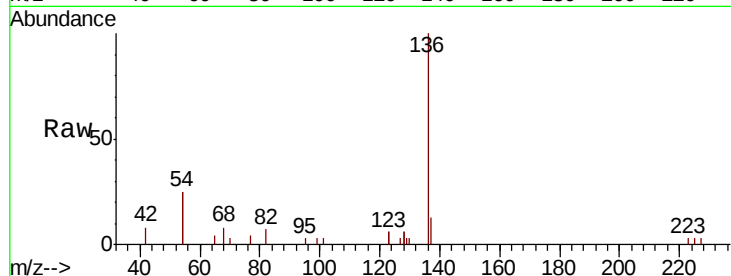
Ion Ratio Lower Upper

136 100

137 13.2 9.2 13.8

54 49.8 28.4 42.6#

68 8.2 5.4 8.0#

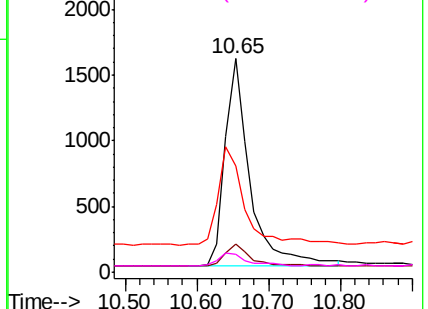
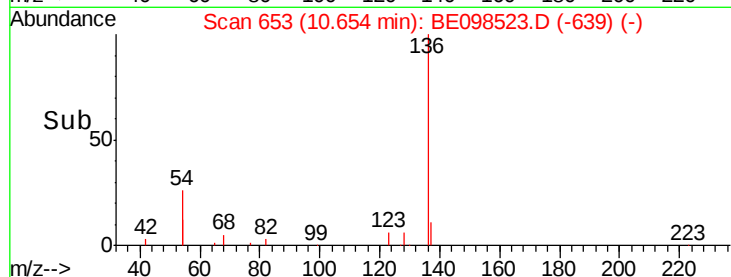


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.334 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098523.D

Acq: 19 Dec 2018 10:20

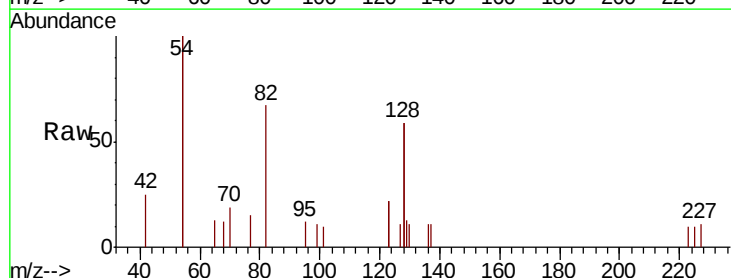
Tgt Ion: 82 Resp: 1159

Ion Ratio Lower Upper

82 100

128 175.2 102.4 153.6#

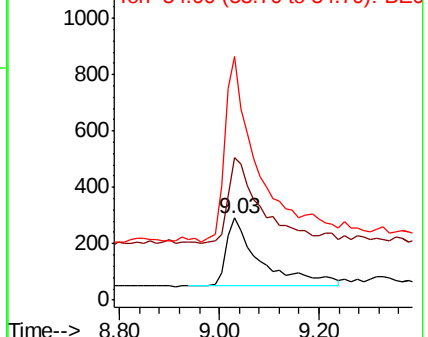
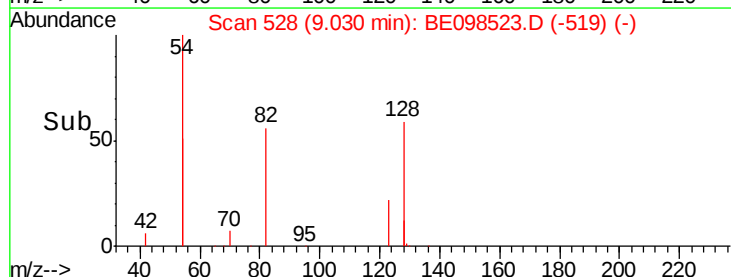
54 297.9 221.8 332.8

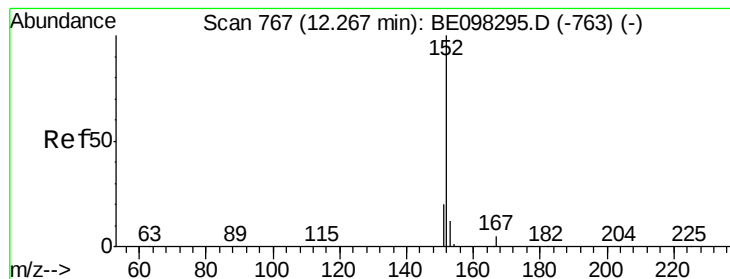


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.476 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098523.D

Acq: 19 Dec 2018 10:20

Instrument :

BNA_E

ClientSampleId :

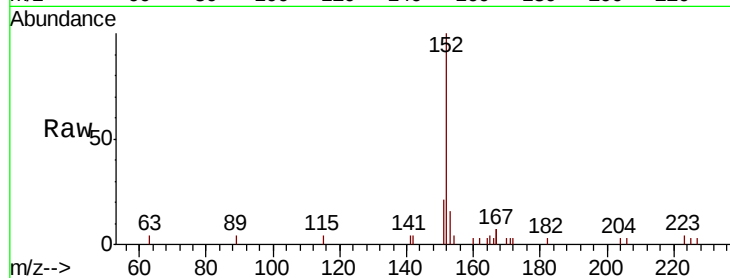
RE105D1-20181210

Tot Ion:152 Resp: 2953

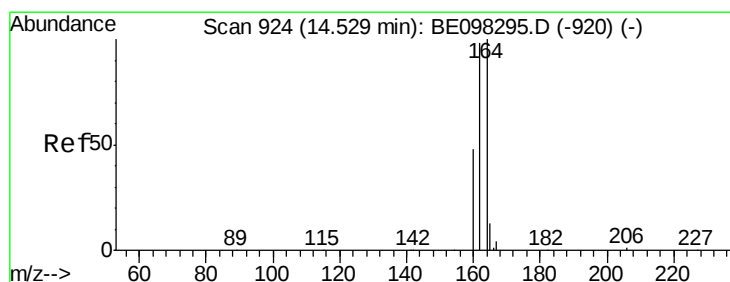
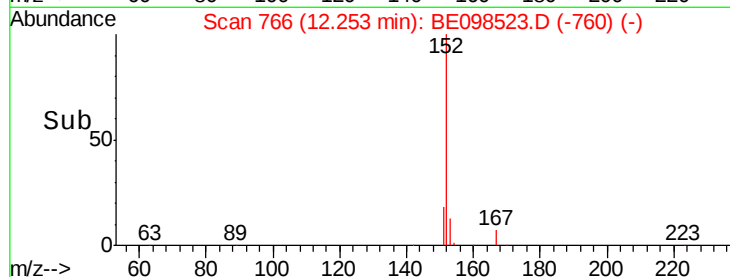
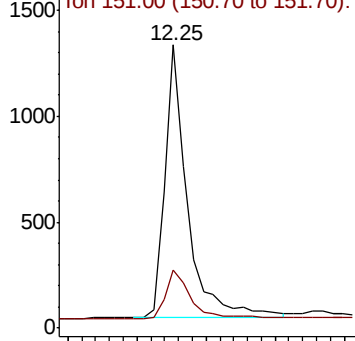
Ion Ratio Lower Upper

152 100

151 19.5 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098523.D

Acq: 19 Dec 2018 10:20

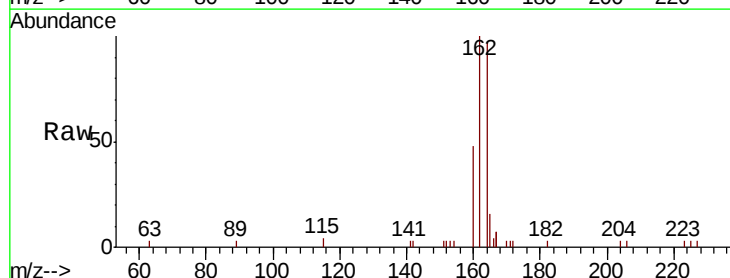
Tgt Ion:164 Resp: 2712

Ion Ratio Lower Upper

164 100

162 103.1 77.6 116.4

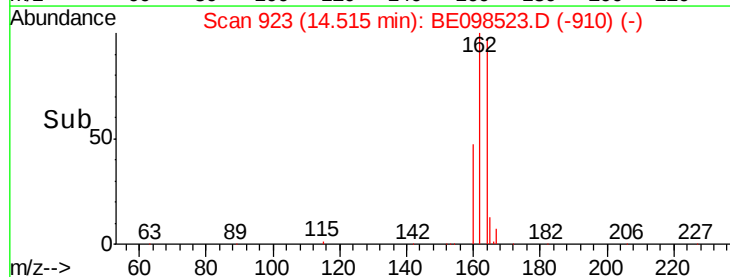
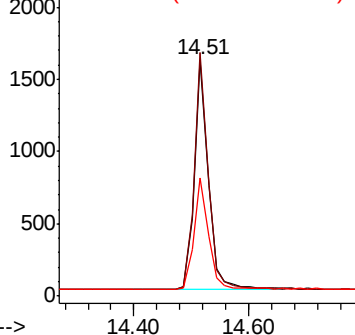
160 50.0 36.0 54.0

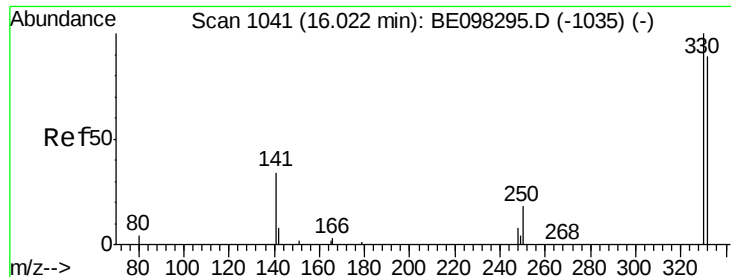


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

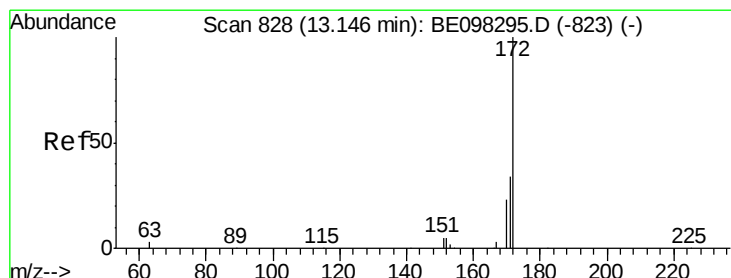
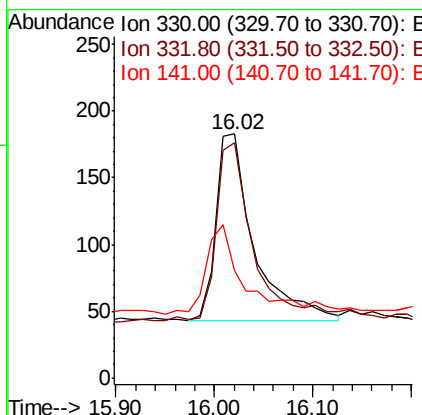
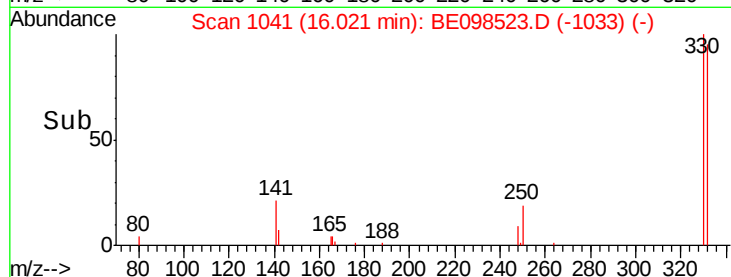
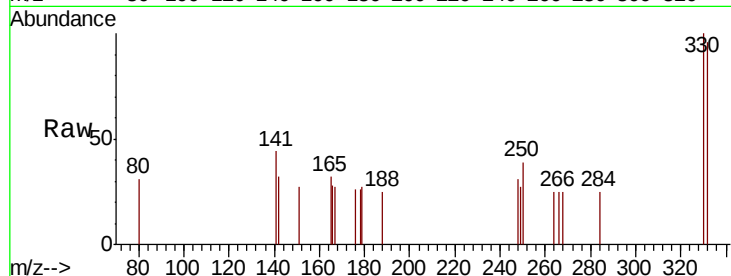




#14
 2,4,6-Tribromophenol
 Concen: 0.378 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098523.D
 Acq: 19 Dec 2018 10:20

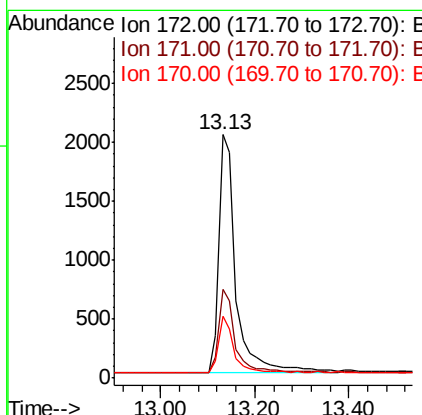
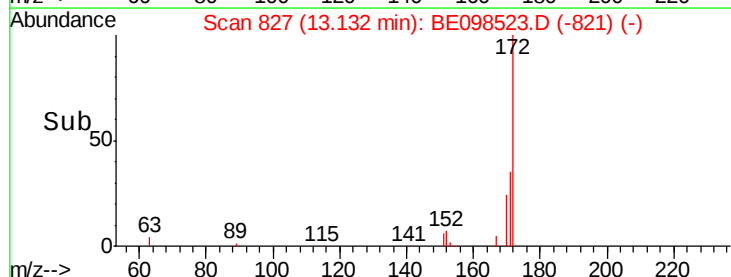
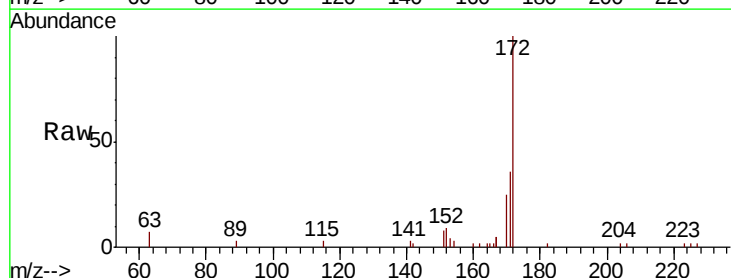
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 RE105D1-20181210

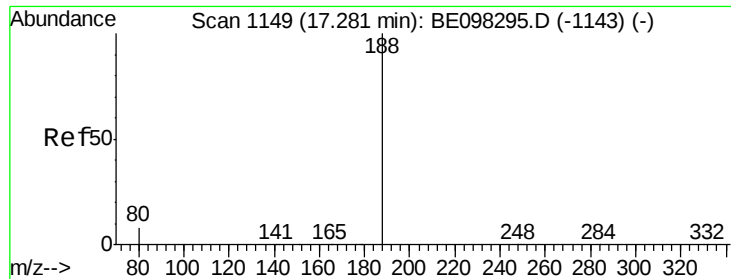
Tot Ion:330 Resp: 376
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.2 114.4
 141 50.5 39.0 58.4



#15
 2-Fluorobiphenyl
 Concen: 0.449 ng
 RT: 13.13 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BE098523.D
 Acq: 19 Dec 2018 10:20

Tgt Ion:172 Resp: 5134
 Ion Ratio Lower Upper
 172 100
 171 36.4 27.5 41.3
 170 25.4 19.6 29.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098523.D

Acq: 19 Dec 2018 10:20

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210

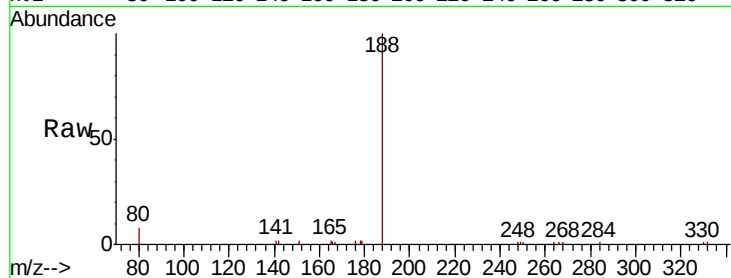
Tot Ion:188 Resp: 6692

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

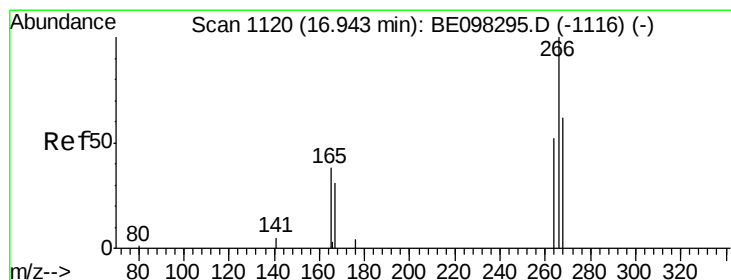
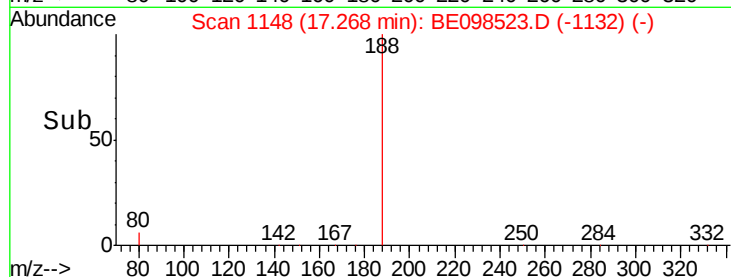
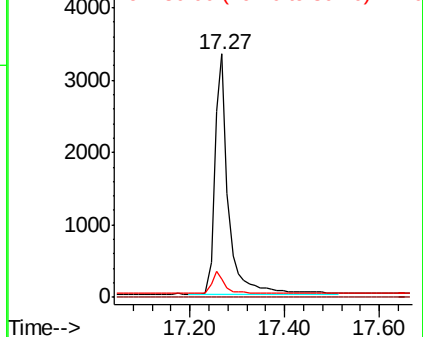
80 7.7 7.2 10.8



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: 0.030 ng

RT: 16.95 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE098523.D

Acq: 19 Dec 2018 10:20

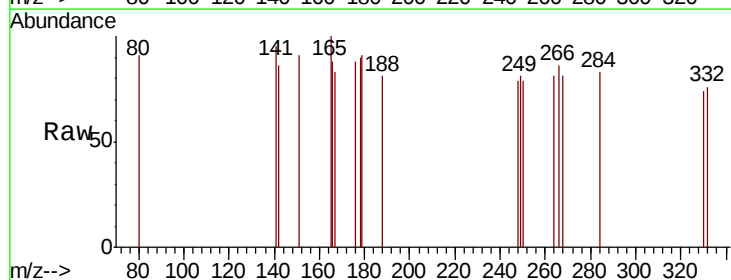
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 94.0 59.0 88.4#

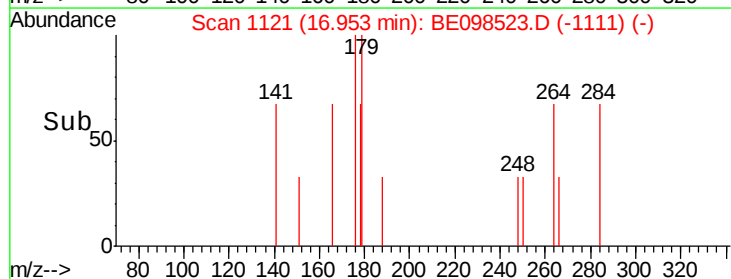
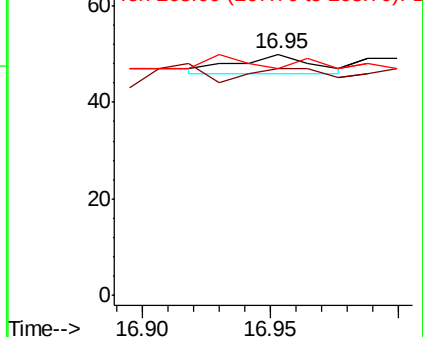
268 94.0 55.1 82.7#

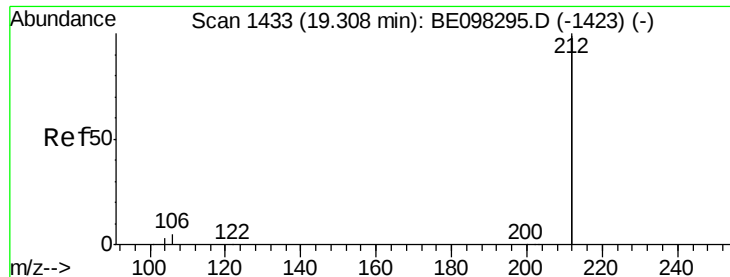


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.464 ng

RT: 19.30 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE098523.D

Acq: 19 Dec 2018 10:20

Instrument :

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ClientSampleId :

RE105D1-20181210

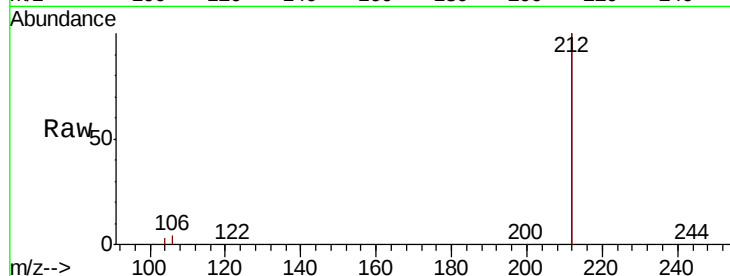
Tot Ion:212 Resp: 39806

Ion Ratio Lower Upper

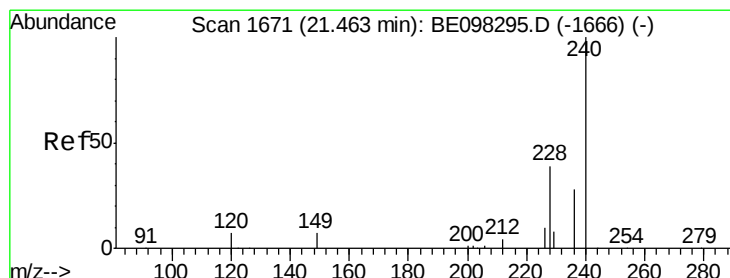
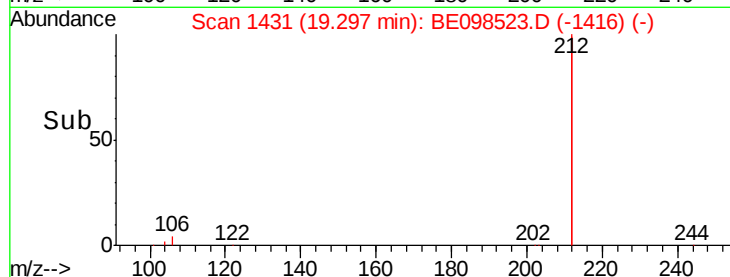
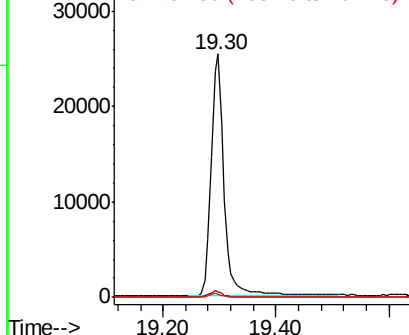
212 100

106 2.3 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: BE098523.D

Acq: 19 Dec 2018 10:20

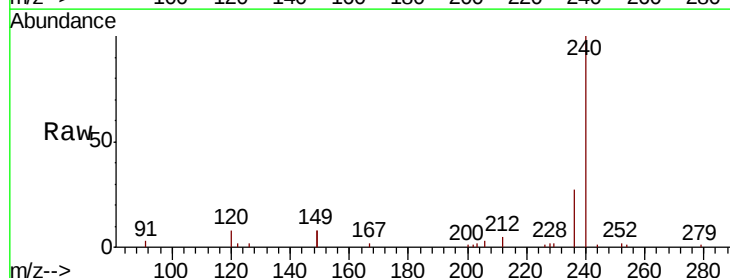
Tgt Ion:240 Resp: 7495

Ion Ratio Lower Upper

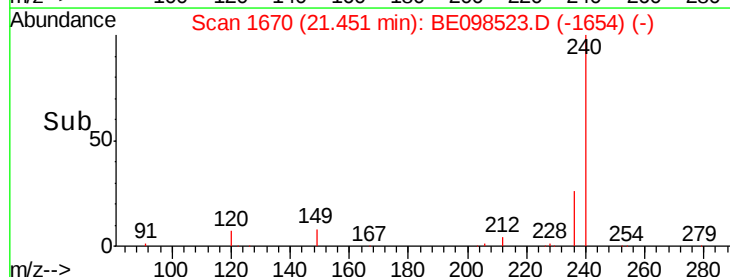
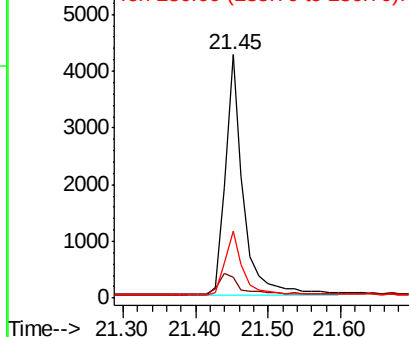
240 100

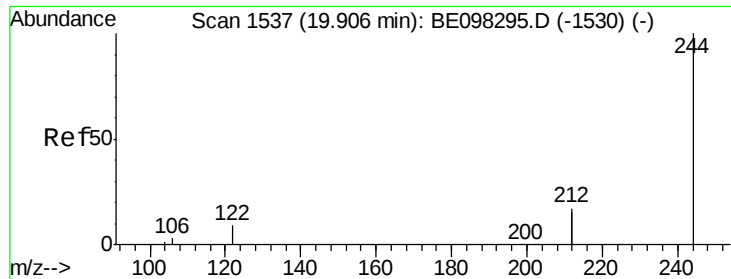
120 8.4 9.5 14.3#

236 27.4 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: 0.456 ng

RT: 19.89 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BE098523.D

Acq: 19 Dec 2018 10:20

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210

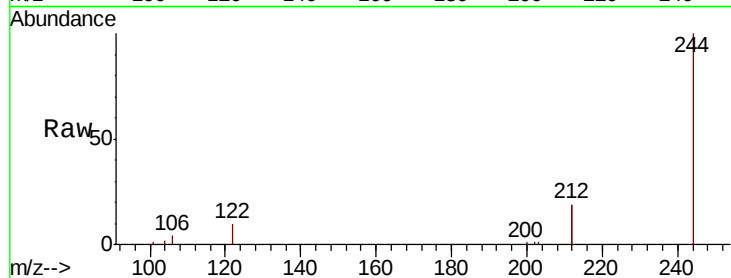
Tot Ion:244 Resp: 8305

Ion Ratio Lower Upper

244 100

212 37.1 27.4 41.0

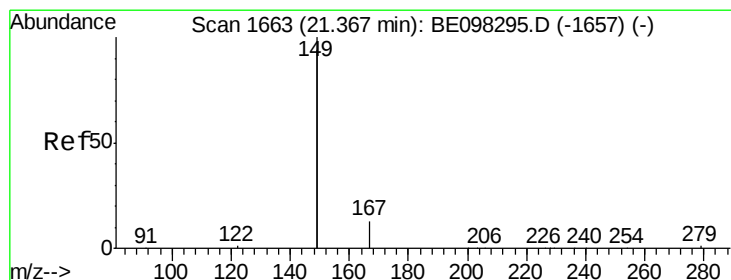
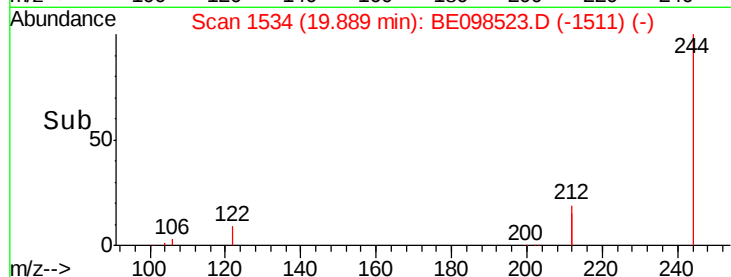
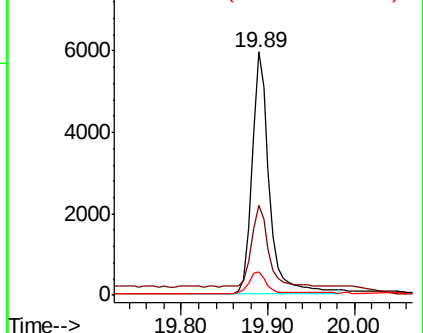
122 9.6 8.3 12.5



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: 0.037 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098523.D

Acq: 19 Dec 2018 10:20

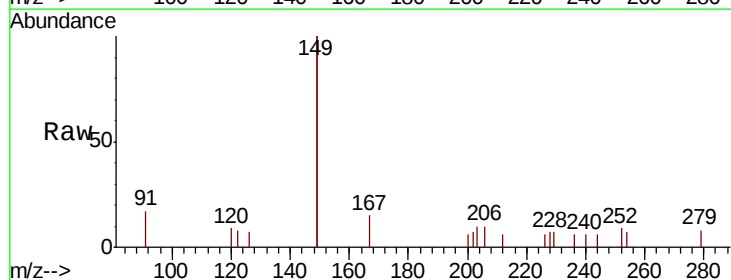
Tgt Ion:149 Resp: 1587

Ion Ratio Lower Upper

149 100

167 6.5 5.7 8.5

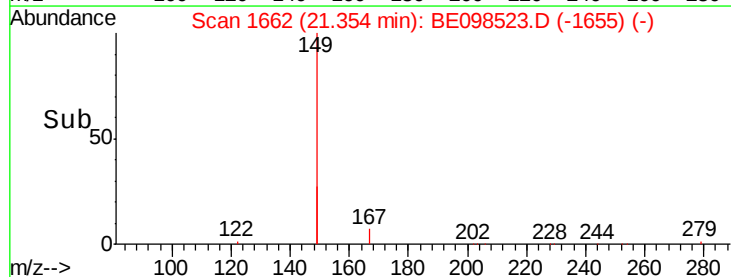
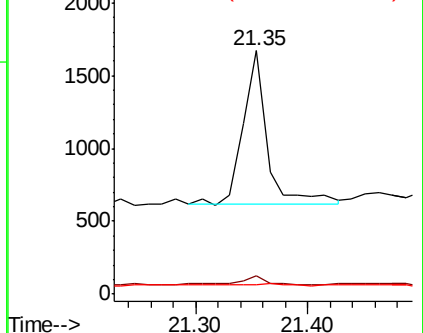
279 1.3 1.0 1.4

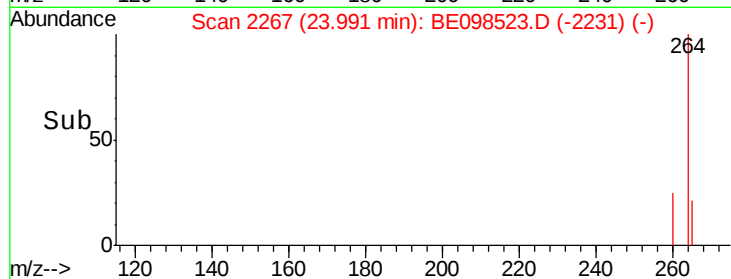
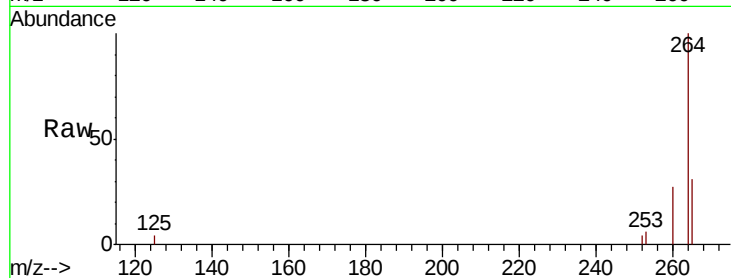
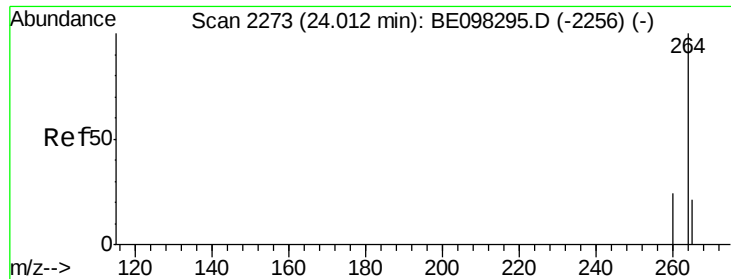


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.99 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BE098523.D

Acq: 19 Dec 2018 10:20

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210

Tot Ion: 264 Resp: 6897

Ion Ratio Lower Upper

264 100

260 26.9 20.2 30.2

265 30.9 25.2 37.8

