

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121218\
 Data File : BE098386.D
 Acq On : 13 Dec 2018 6:30
 Operator : SJ/JU
 Sample : J6325-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-120D3-20181205

Quant Time: Dec 13 07:05:49 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	1034	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4399	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2827	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7421	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9098	0.40	ng	0.00
34) Perylene-d12	24.01	264	8631	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	561	0.23	ng	0.01
5) Phenol-d6	7.07	99	355	0.10	ng	0.02
8) Nitrobenzene-d5	9.04	82	1436	0.36	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	2984	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	471	0.45	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	5456	0.46	ng	0.00
25) Fluoranthene-d10	19.30	212	43218	0.45	ng	0.00
29) Terphenyl-d14	19.90	244	8982	0.41	ng	0.00

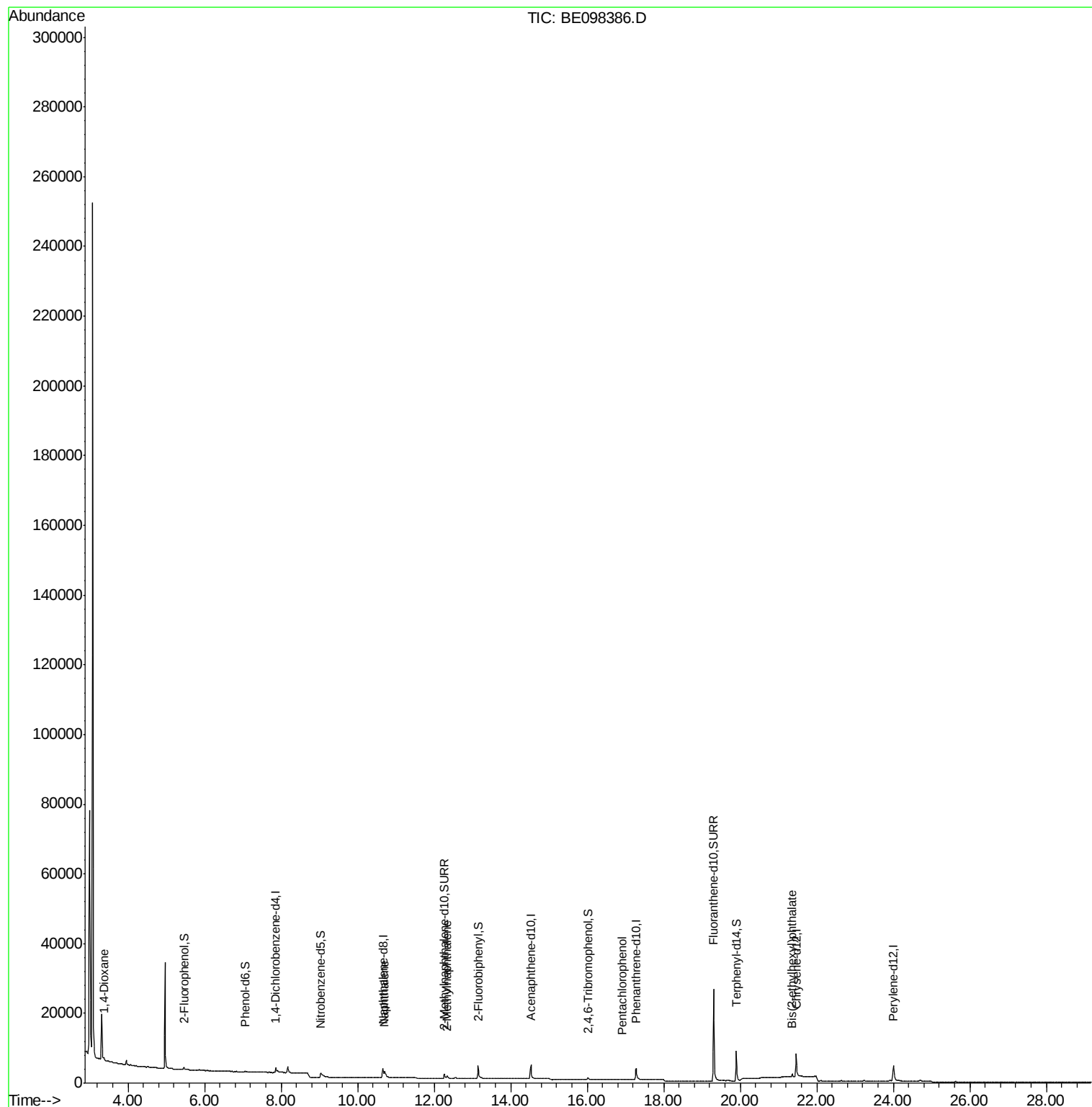
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	437	0.244	ng	# 59
9) Naphthalene	10.71	128	3787	0.086	ng	# 91
12) 2-Methylnaphthalene	12.34	142	694	0.096	ng	# 93
22) Pentachlorophenol	16.92	266	19	0.045	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.35	149	1279	0.024	ng	# 96

(#) = 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: BE098386.D

Acq: 13 Dec 2018 6:30

Instrument :

BNA_E

ClientSampleId :

RE-120D3-20181205

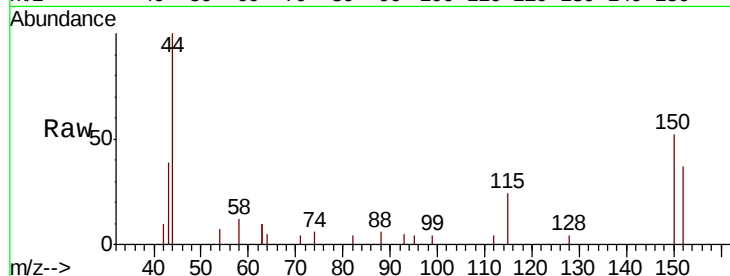
Tgt Ion:152 Resp: 1034

Ion Ratio Lower Upper

152 100

150 143.3 124.2 186.4

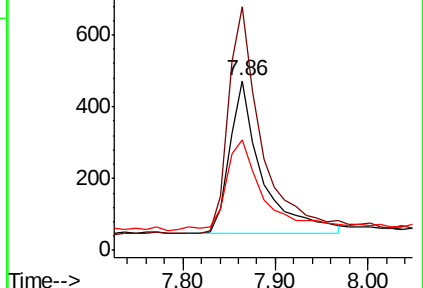
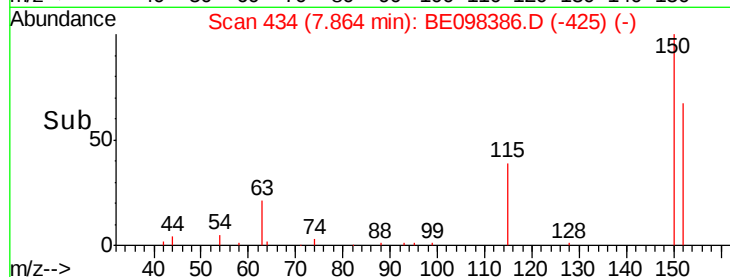
115 64.9 53.9 80.9



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: 0.244 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE098386.D

Acq: 13 Dec 2018 6:30

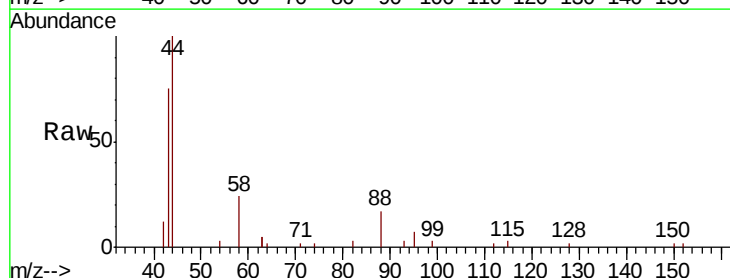
Tgt Ion: 88 Resp: 437

Ion Ratio Lower Upper

88 100

58 104.1 75.0 112.6

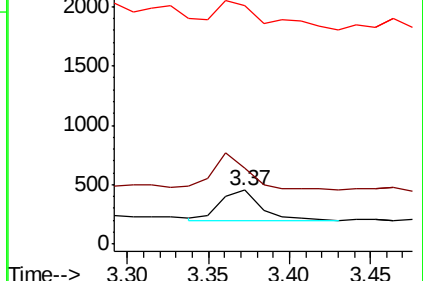
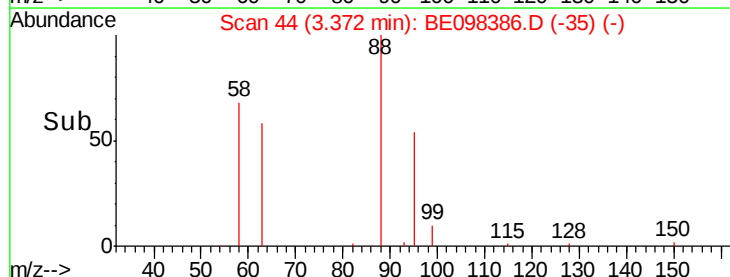
43 114.9 38.3 57.5#

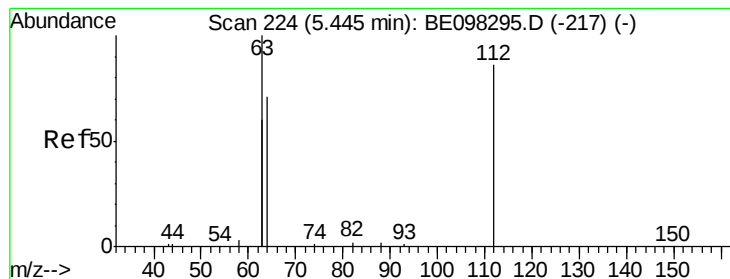


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.232 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098386.D

Acq: 13 Dec 2018 6:30

Instrument :

BNA_E

ClientSampleId :

RE-120D3-20181205

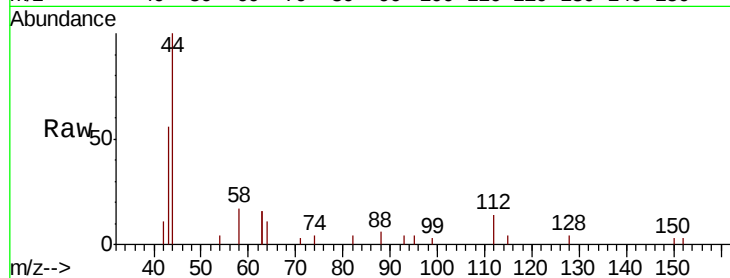
Tgt Ion: 112 Resp: 561

Ion Ratio Lower Upper

112 100

64 78.8 59.8 89.8

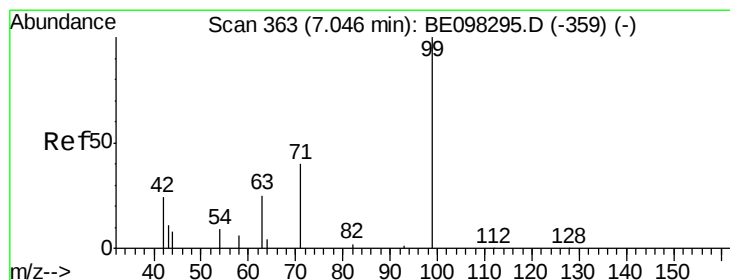
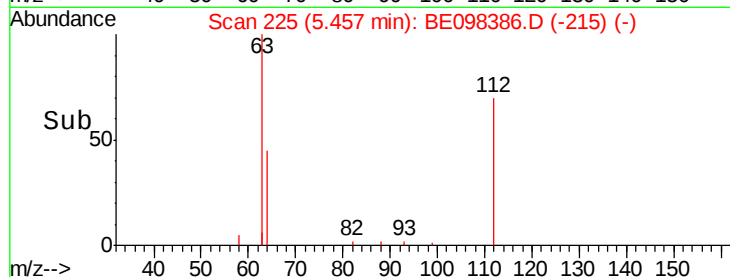
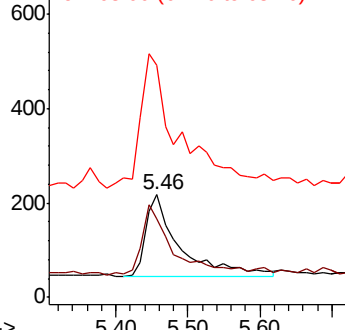
63 187.9 133.7 200.5



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: 0.104 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.02 min

Lab File: BE098386.D

Acq: 13 Dec 2018 6:30

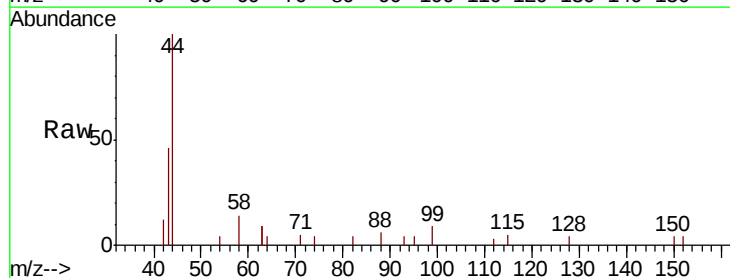
Tgt Ion: 99 Resp: 355

Ion Ratio Lower Upper

99 100

42 34.6 26.3 39.5

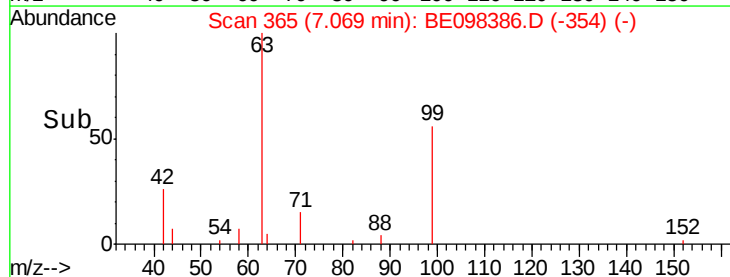
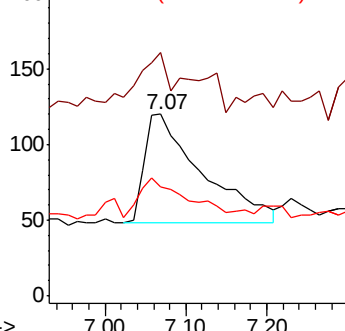
71 30.7 33.6 50.4#



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: BE098386.D

Acq: 13 Dec 2018 6:30

Instrument :

BNA_E

ClientSampleId :

RE-120D3-20181205

Tgt Ion: 136 Resp: 4399

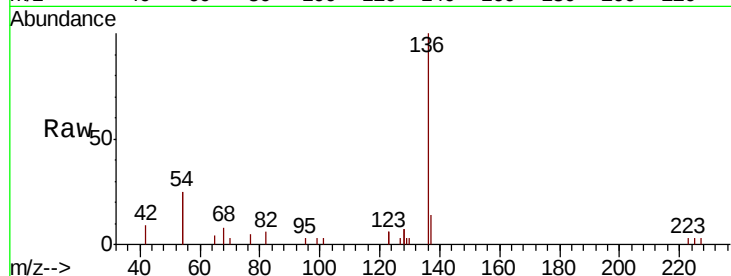
Ion Ratio Lower Upper

136 100

137 13.7 9.2 13.8

54 49.1 28.4 42.6#

68 8.3 5.4 8.0#

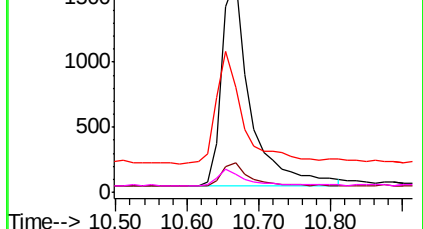
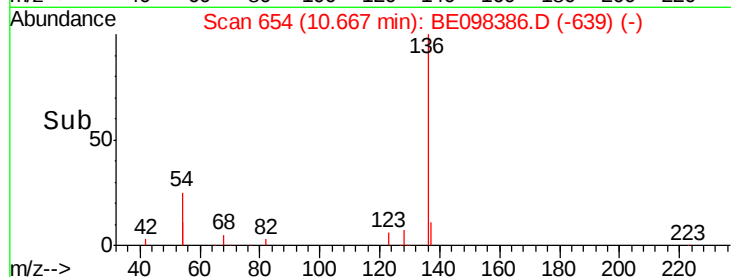


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.359 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098386.D

Acq: 13 Dec 2018 6:30

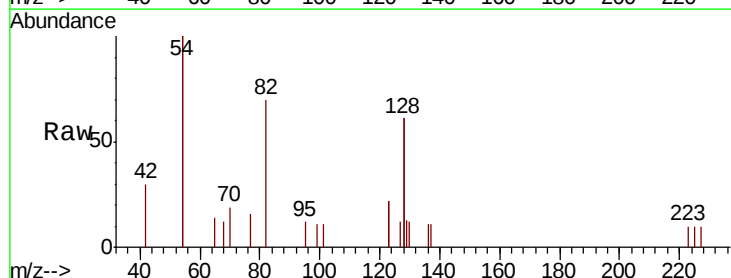
Tgt Ion: 82 Resp: 1436

Ion Ratio Lower Upper

82 100

128 174.1 102.4 153.6#

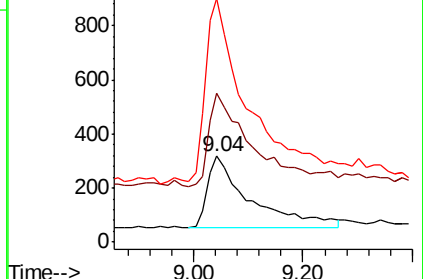
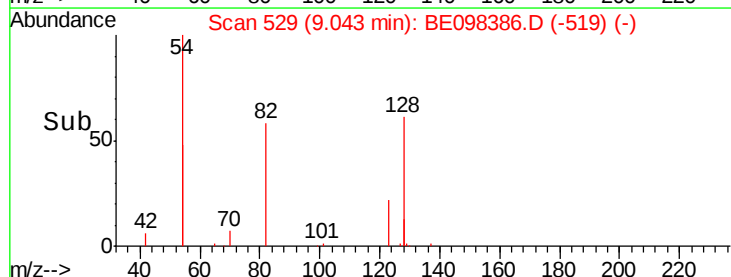
54 283.9 221.8 332.8

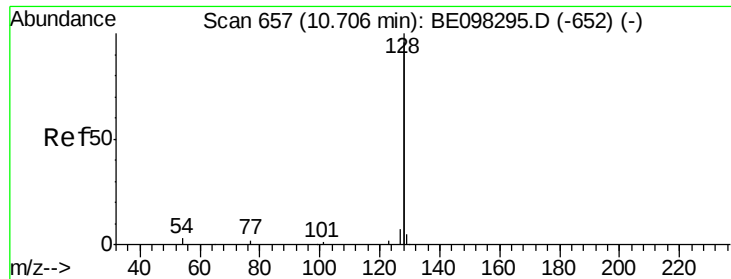


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.086 ng

RT: 10.71 min Scan# 657

Delta R.T. 0.00 min

Lab File: BE098386.D

Acq: 13 Dec 2018 6:30

Instrument :

BNA_E

ClientSampleId :

RE-120D3-20181205

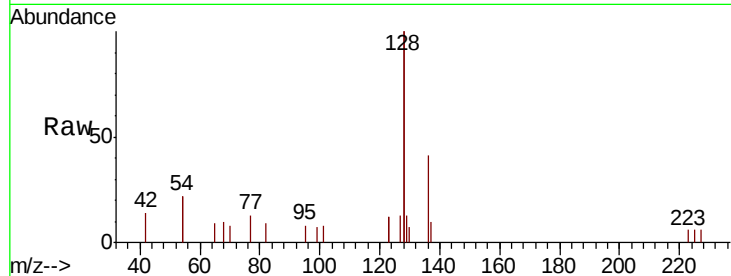
Tgt Ion:128 Resp: 3787

Ion Ratio Lower Upper

128 100

129 6.3 2.5 3.7#

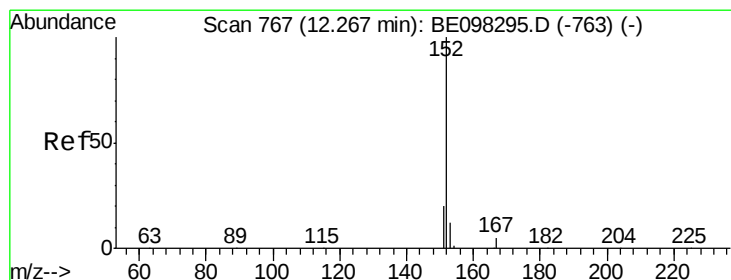
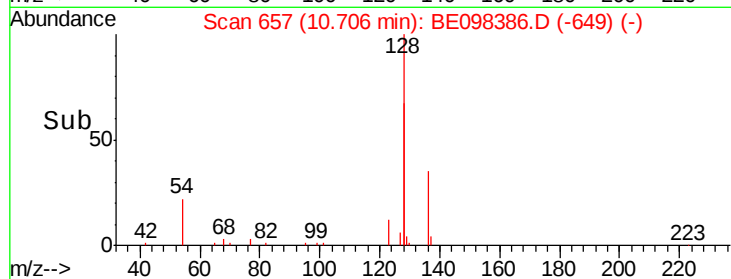
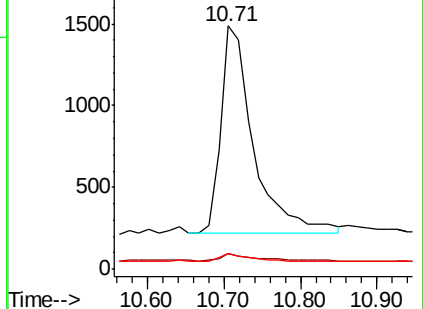
127 6.3 2.7 4.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.417 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098386.D

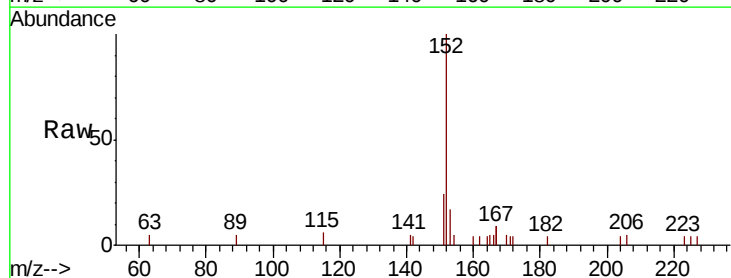
Acq: 13 Dec 2018 6:30

Tgt Ion:152 Resp: 2984

Ion Ratio Lower Upper

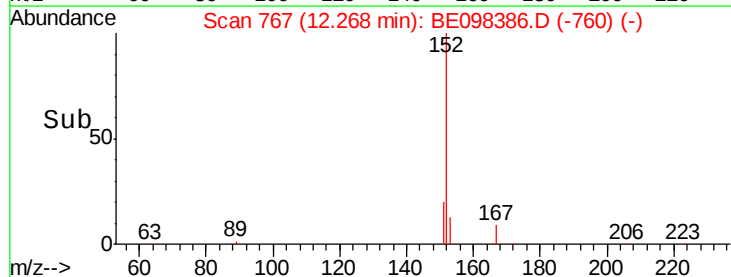
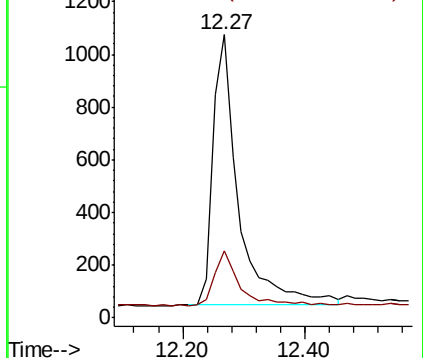
152 100

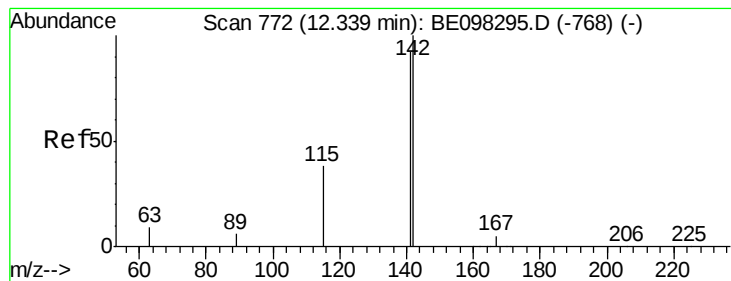
151 19.7 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.096 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098386.D

Acq: 13 Dec 2018 6:30

Instrument :

BNA_E

ClientSampleId :

RE-120D3-20181205

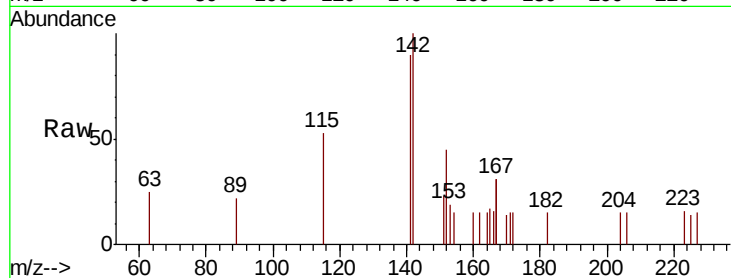
Tgt Ion:142 Resp: 694

Ion Ratio Lower Upper

142 100

141 90.1 71.0 106.6

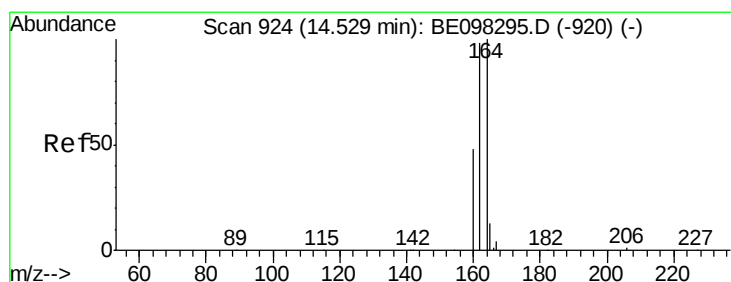
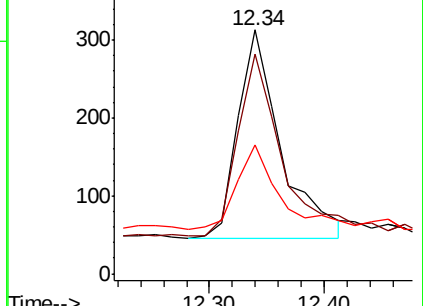
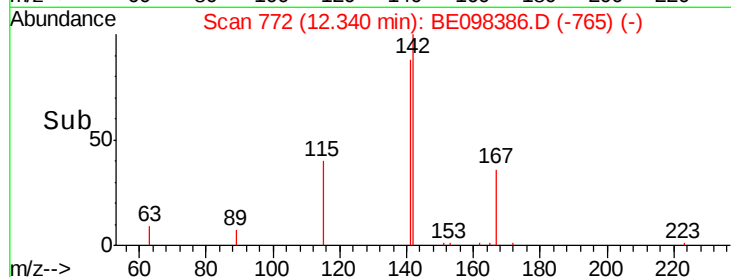
115 53.0 32.2 48.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098386.D

Acq: 13 Dec 2018 6:30

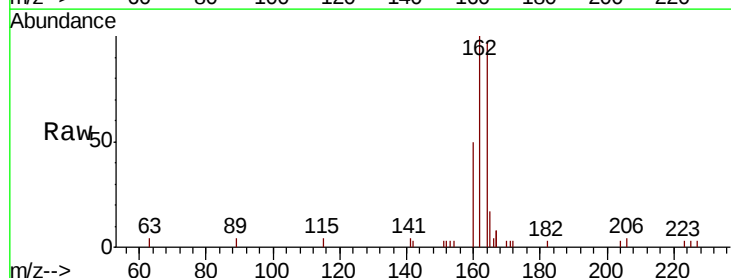
Tgt Ion:164 Resp: 2827

Ion Ratio Lower Upper

164 100

162 102.6 77.6 116.4

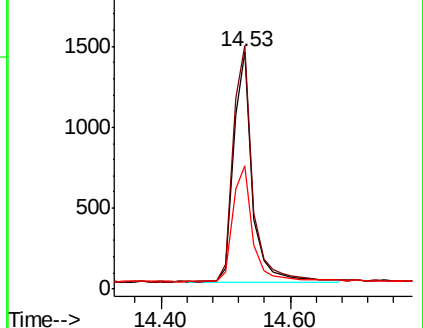
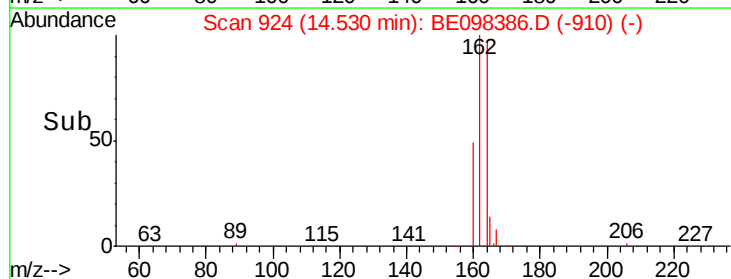
160 51.8 36.0 54.0

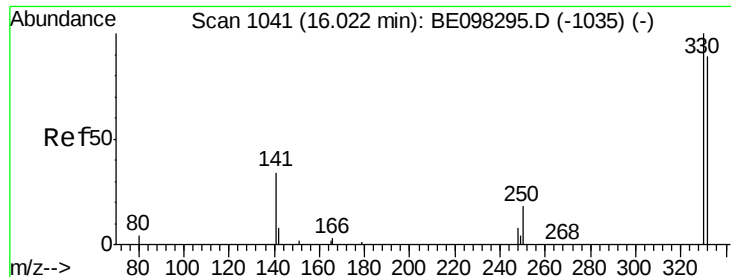


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

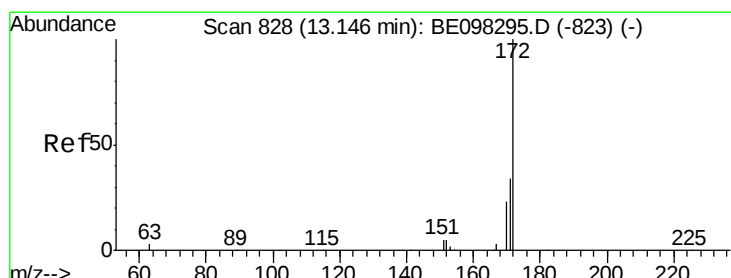
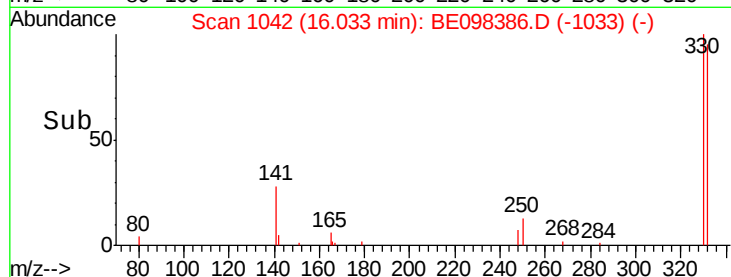
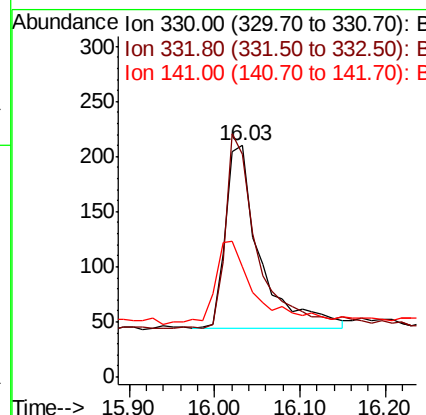
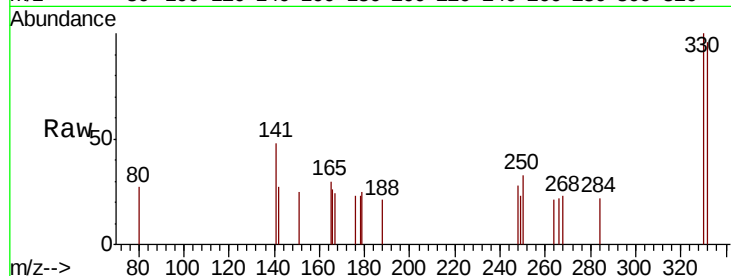




#14
 2,4,6-Tribromophenol
 Concen: 0.454 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BE098386.D
 Acq: 13 Dec 2018 6:30

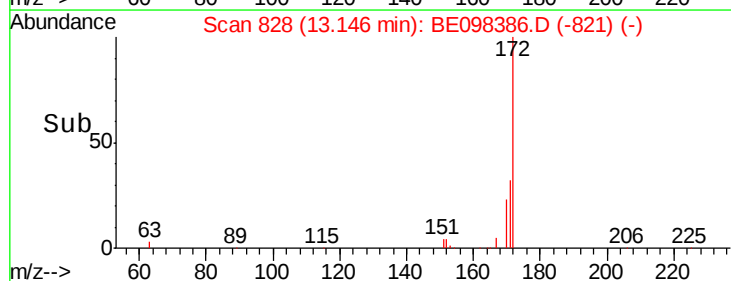
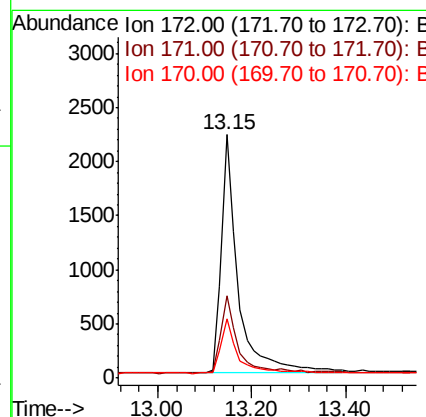
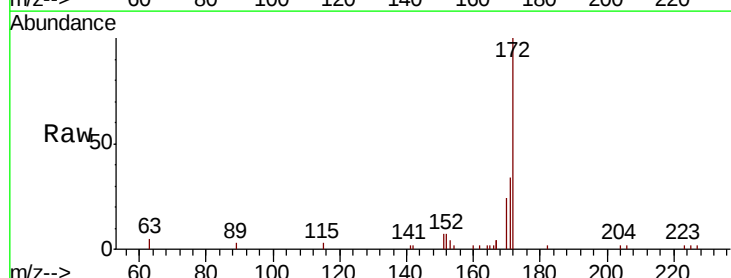
Instrument :
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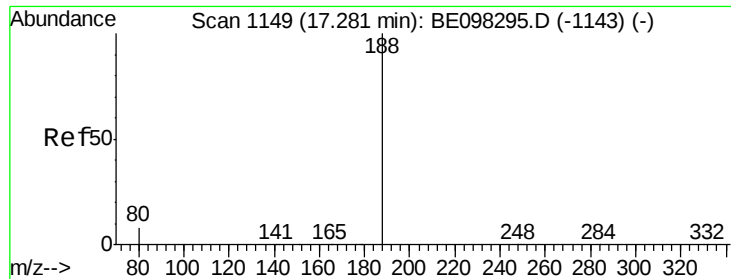
Tgt Ion: 330 Resp: 471
 Ion Ratio Lower Upper
 330 100
 332 102.3 76.2 114.4
 141 47.6 39.0 58.4



#15
 2-Fluorobiphenyl
 Concen: 0.458 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098386.D
 Acq: 13 Dec 2018 6:30

Tgt Ion: 172 Resp: 5456
 Ion Ratio Lower Upper
 172 100
 171 33.7 27.5 41.3
 170 24.2 19.6 29.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098386.D

Acq: 13 Dec 2018 6:30

Instrument :

BNA_E

ClientSampleId :

RE-120D3-20181205

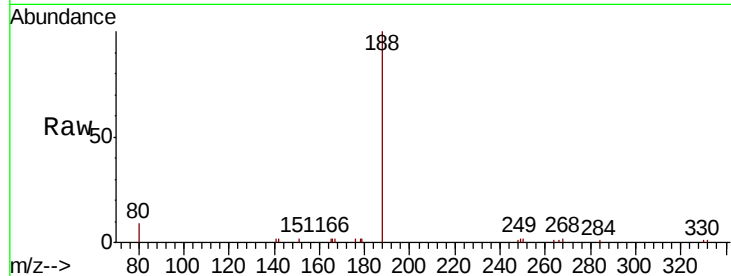
Tgt Ion:188 Resp: 7421

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

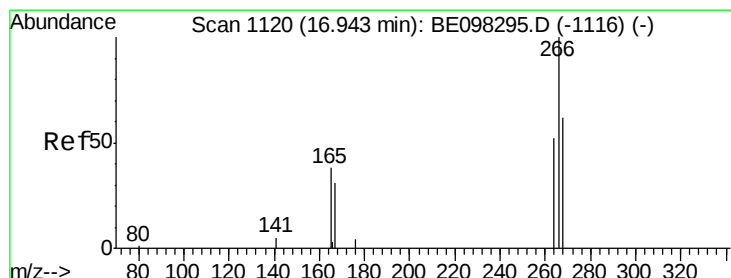
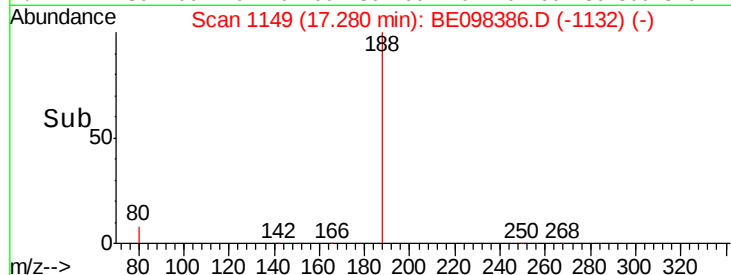
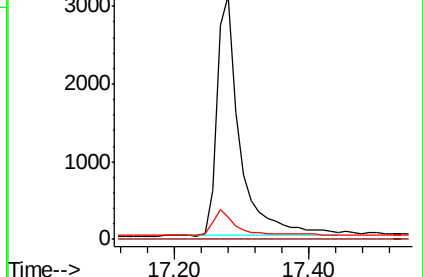
80 9.3 7.2 10.8



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: 0.045 ng

RT: 16.92 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BE098386.D

Acq: 13 Dec 2018 6:30

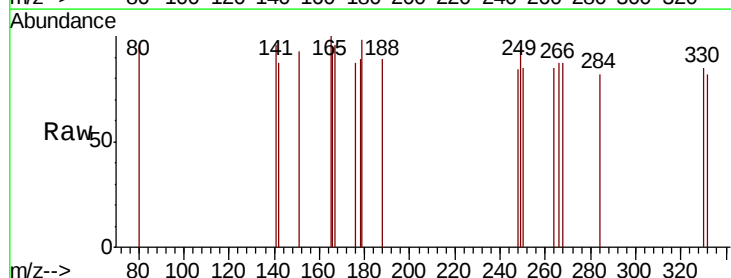
Tgt Ion:266 Resp: 19

Ion Ratio Lower Upper

266 100

264 97.9 59.0 88.4#

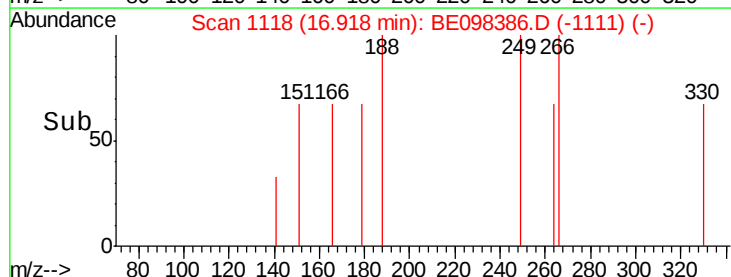
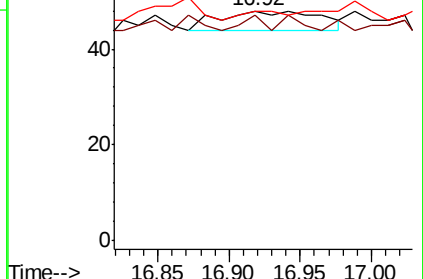
268 100.0 55.1 82.7#

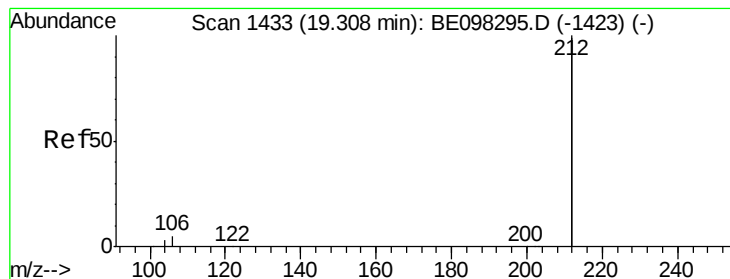


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.454 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098386.D

Acq: 13 Dec 2018 6:30

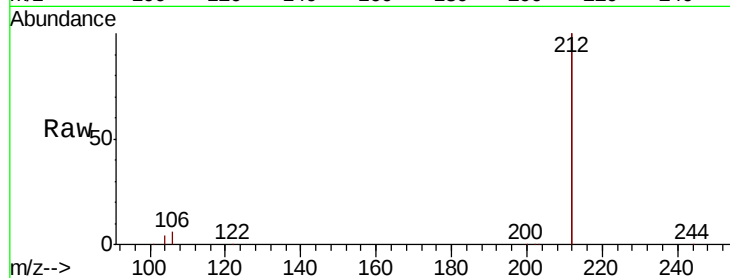
Instrument :

BNA_E

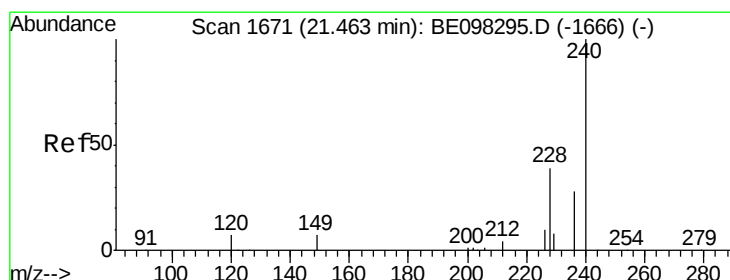
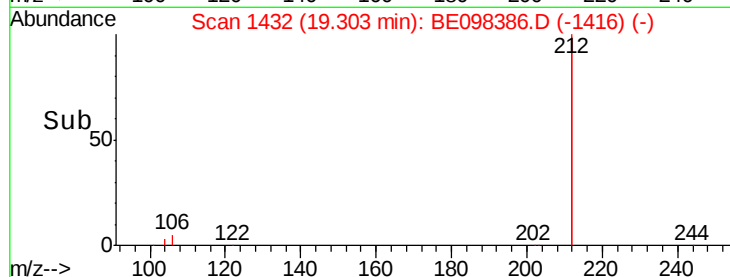
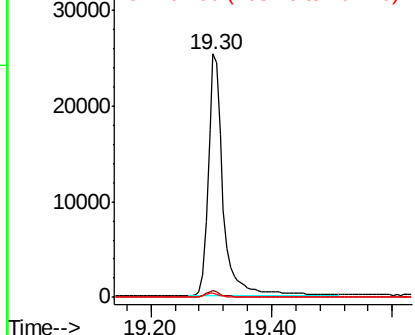
ClientSampleId :

RE-120D3-20181205

Tgt Ion:	212	Resp:	43218
Ion	Ratio	Lower	Upper
212	100		
106	2.6	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

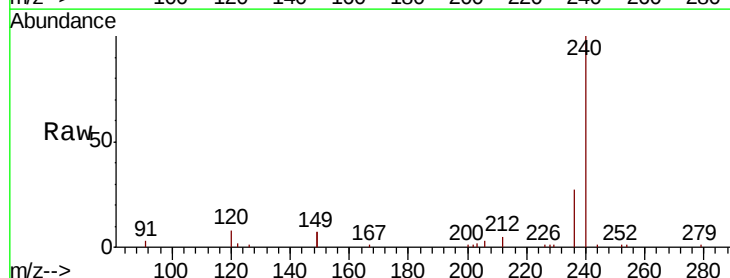
RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

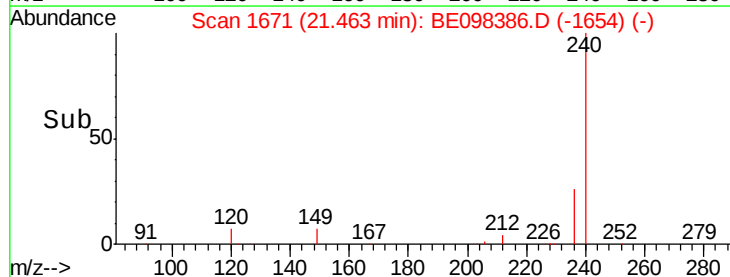
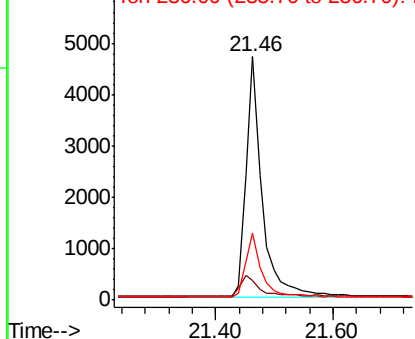
Lab File: BE098386.D

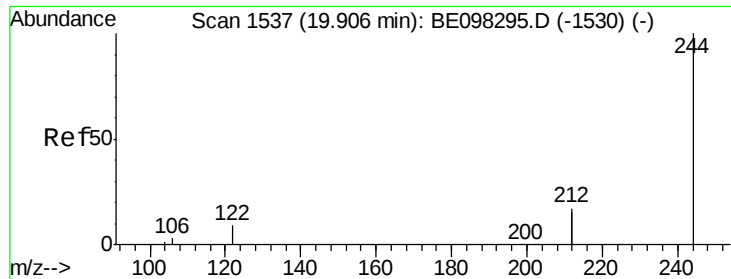
Acq: 13 Dec 2018 6:30

Tgt Ion:	240	Resp:	9098
Ion	Ratio	Lower	Upper
240	100		
120	8.2	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: 0.406 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098386.D

Acq: 13 Dec 2018 6:30

Instrument :

BNA_E

ClientSampleId :

RE-120D3-20181205

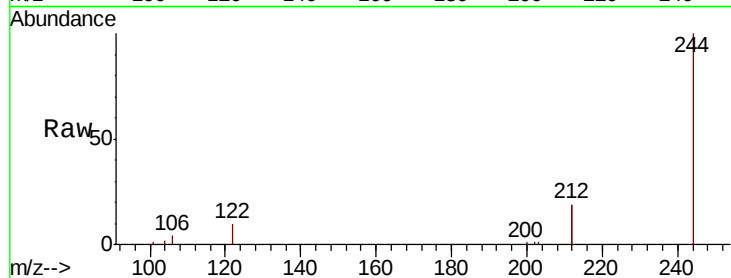
Tgt Ion:244 Resp: 8982

Ion Ratio Lower Upper

244 100

212 37.3 27.4 41.0

122 10.0 8.3 12.5

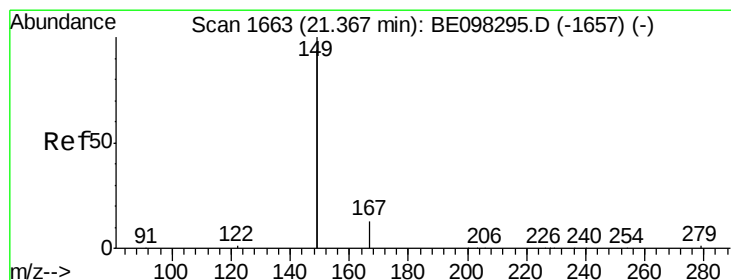
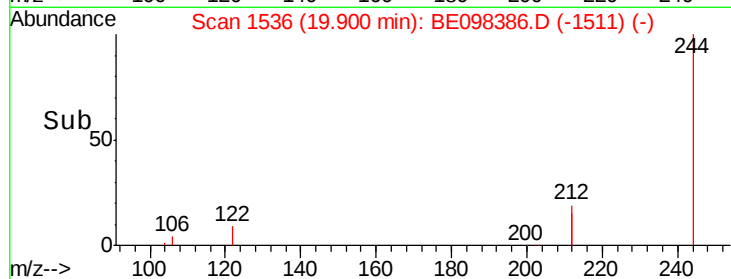
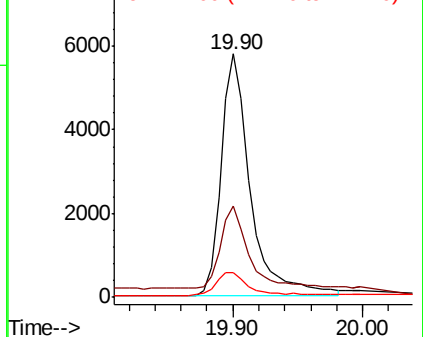


Abundance

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: 0.024 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098386.D

Acq: 13 Dec 2018 6:30

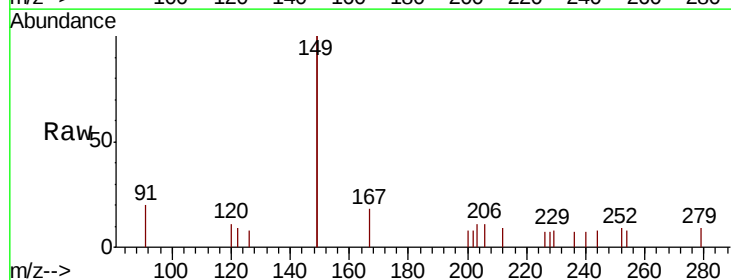
Tgt Ion:149 Resp: 1279

Ion Ratio Lower Upper

149 100

167 8.4 5.7 8.5

279 3.4 1.0 1.4#

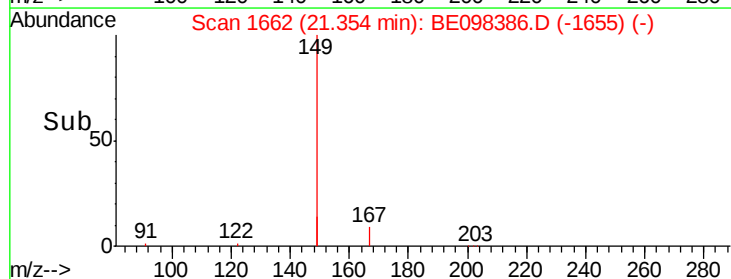
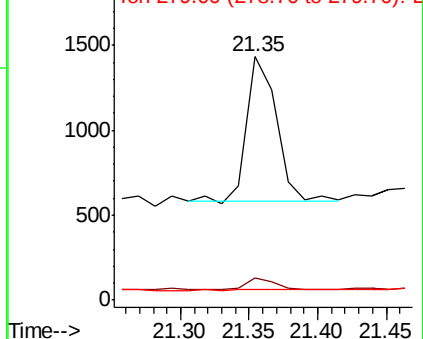


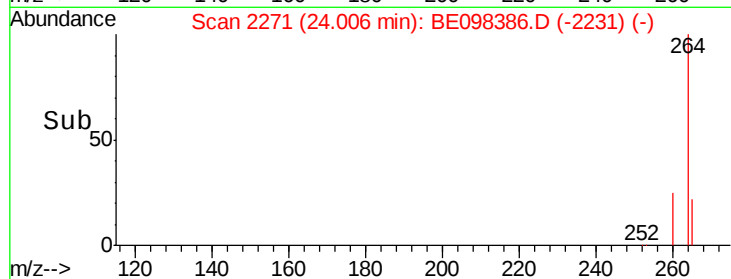
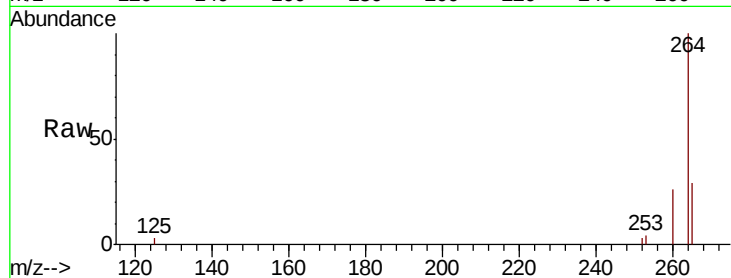
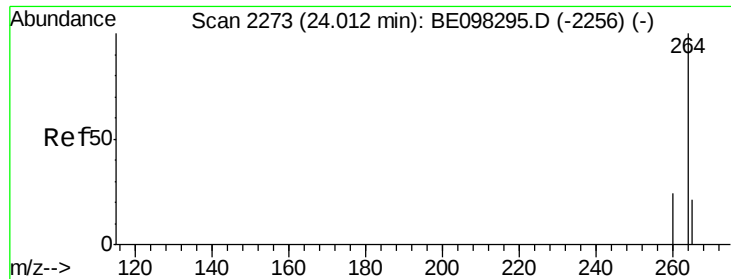
Abundance

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: 24.01 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BE098386.D

Acq: 13 Dec 2018 6:30

Instrument :

BNA_E

ClientSampleId :

RE-120D3-20181205

Tgt Ion: 264 Resp: 8631

Ion Ratio Lower Upper

264 100

260 25.9 20.2 30.2

265 29.2 25.2 37.8

