

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121518\
 Data File : BE098476.D
 Acq On : 15 Dec 2018 17:28
 Operator : SJ/JU
 Sample : J6405-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE105D2-20181210

Quant Time: Dec 16 02:34:29 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	730	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3007	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2001	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	5115	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	5848	0.40	ng	0.00
34) Perylene-d12	24.00	264	5729	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	361	0.21	ng	0.01
5) Phenol-d6	7.06	99	297	0.12	ng	0.01
8) Nitrobenzene-d5	9.04	82	1031	0.38	ng	0.02
11) 2-Methylnaphthalene-d10	12.27	152	2146	0.44	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	274	0.37	ng	0.01
15) 2-Fluorobiphenyl	13.14	172	3727	0.44	ng	0.00
25) Fluoranthene-d10	19.30	212	30507	0.46	ng	0.00
29) Terphenyl-d14	19.90	244	6129	0.43	ng	0.00

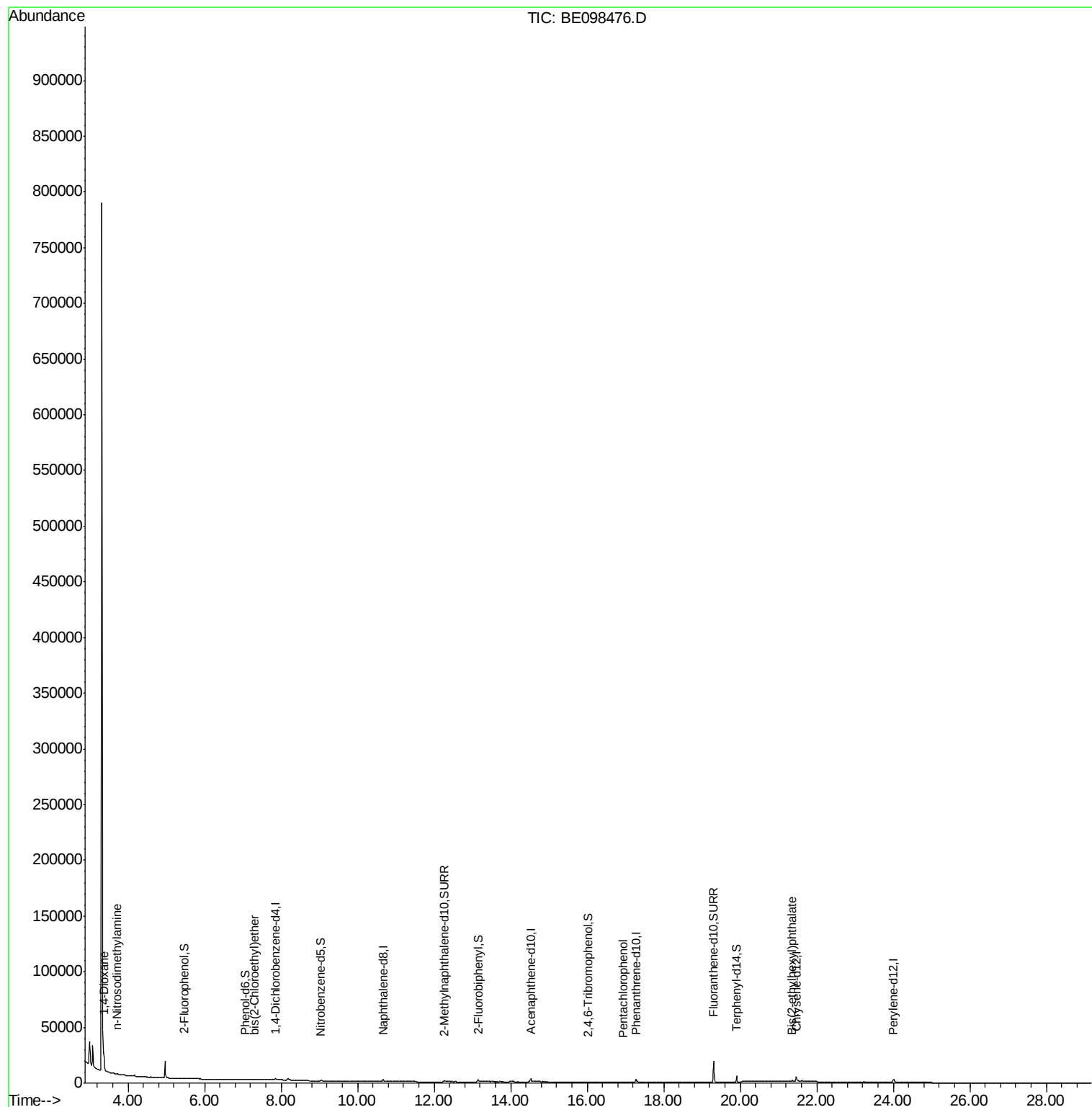
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	5468	4.331	ng	95
3) n-Nitrosodimethylamine	3.72	42	29	0.026	ng	# 100
6) bis(2-Chloroethyl)ether	7.30	93	120	0.052	ng	# 1
22) Pentachlorophenol	16.94	266	3	0.022	ng	# 72
32) Bis(2-ethylhexyl)phthalate	21.35	149	1242	0.037	ng	# 99

(#) = 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: BE098476.D

Acq: 15 Dec 2018 17:28

Instrument :

BNA_E

ClientSampleId :

RE105D2-20181210

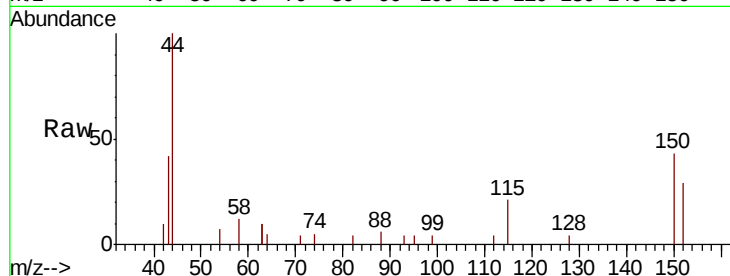
Tgt Ion:152 Resp: 730

Ion Ratio Lower Upper

152 100

150 145.1 124.2 186.4

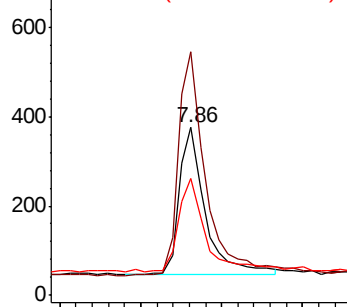
115 69.9 53.9 80.9



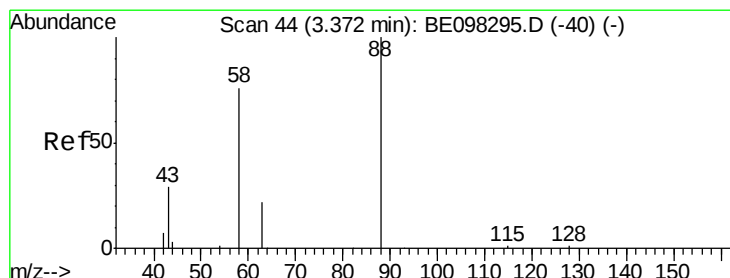
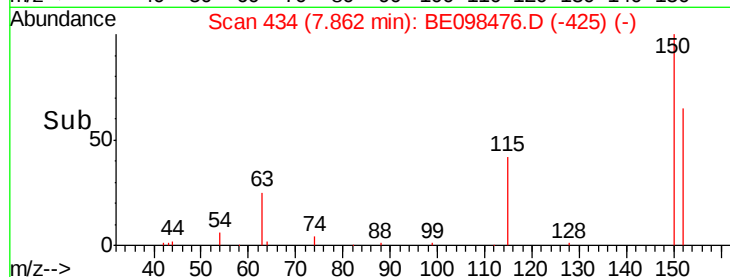
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 4.331 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098476.D

Acq: 15 Dec 2018 17:28

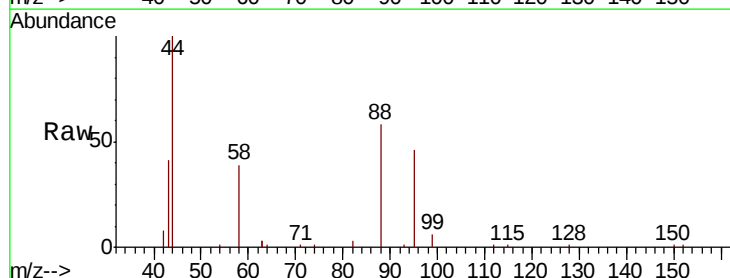
Tgt Ion: 88 Resp: 5468

Ion Ratio Lower Upper

88 100

58 90.5 75.0 112.6

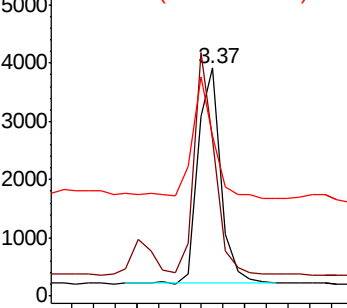
43 52.8 38.3 57.5



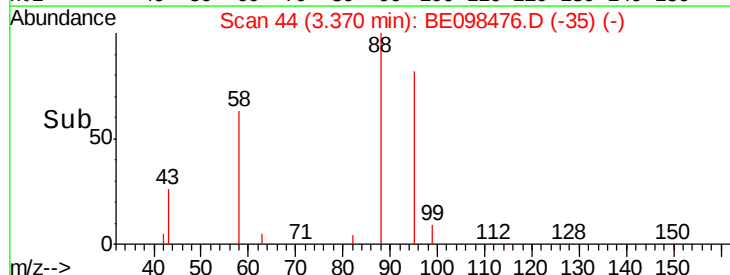
Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



Time-->

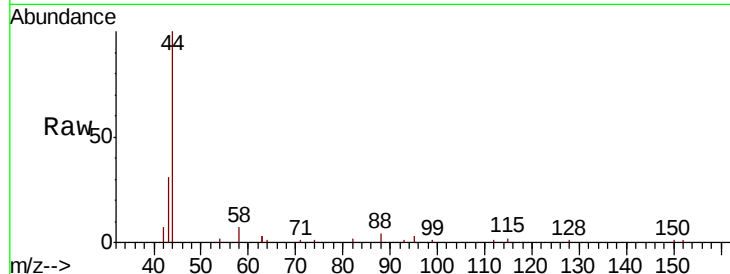




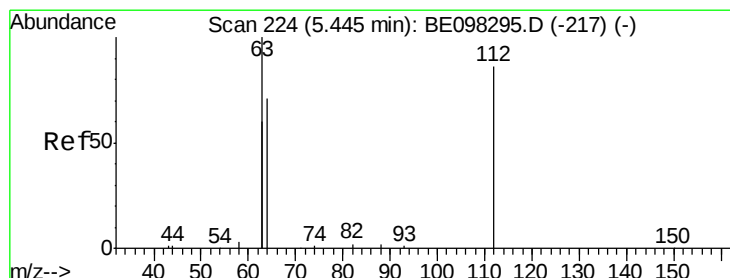
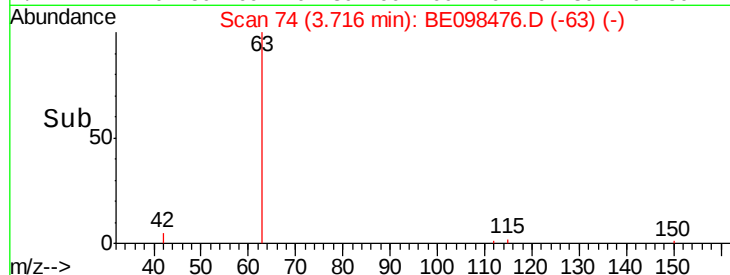
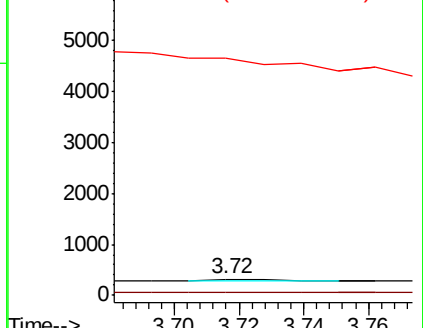
#3
n-Nitrosodimethylamine
Concen: 0.026 ng
RT: 3.72 min Scan# 74
Delta R.T. 0.02 min
Lab File: BE098476.D
Acq: 15 Dec 2018 17:28

Instrument :
BNA_E
ClientSampleId :
RE105D2-20181210

Tgt Ion: 42 Resp: 29
Ion Ratio Lower Upper
42 100
74 6.9 0.0 0.0#
44 0.0 0.0 0.0

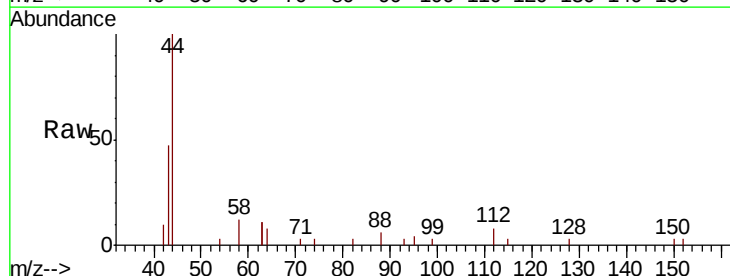


Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0

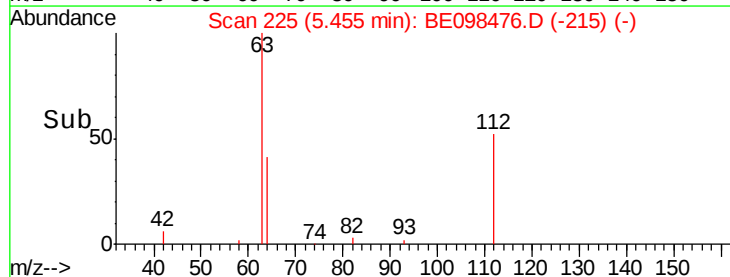
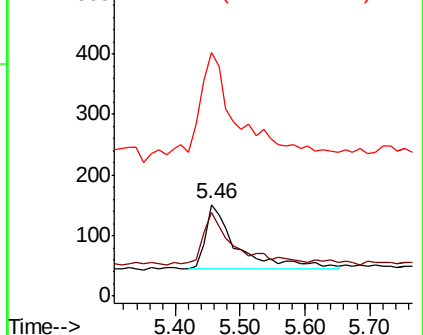


#4
2-Fluorophenol
Concen: 0.211 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098476.D
Acq: 15 Dec 2018 17:28

Tgt Ion: 112 Resp: 361
Ion Ratio Lower Upper
112 100
64 78.9 59.8 89.8
63 170.1 133.7 200.5



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: 0.123 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098476.D

Acq: 15 Dec 2018 17:28

Instrument :

BNA_E

ClientSampleId :

RE105D2-20181210

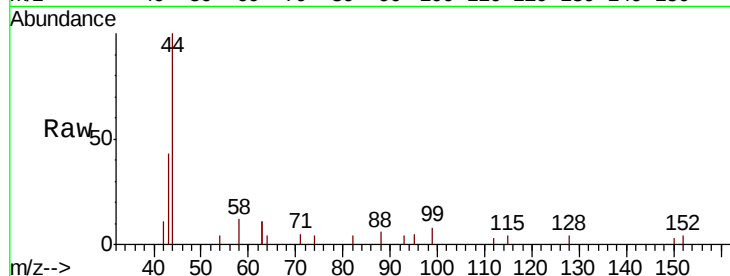
Tgt Ion: 99 Resp: 297

Ion Ratio Lower Upper

99 100

42 42.4 26.3 39.5#

71 41.8 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

200

150

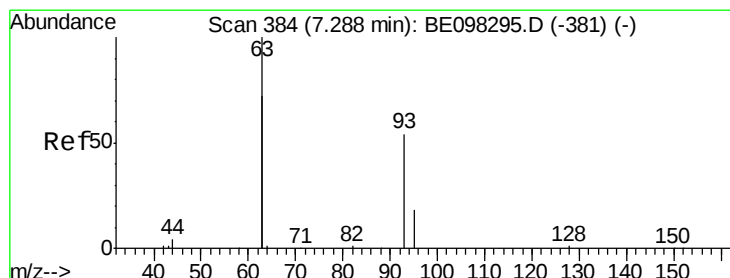
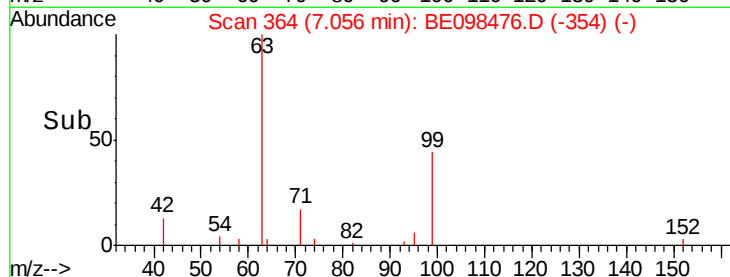
100

7.06

50

0

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.052 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.01 min

Lab File: BE098476.D

Acq: 15 Dec 2018 17:28

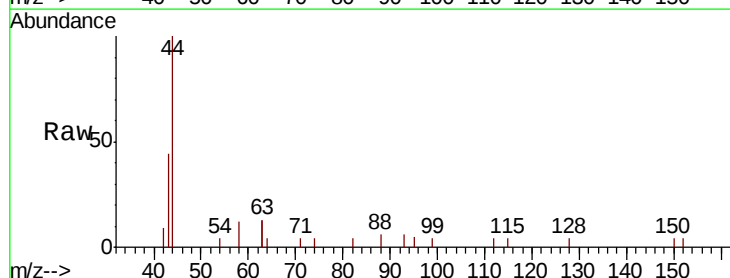
Tgt Ion: 93 Resp: 120

Ion Ratio Lower Upper

93 100

63 0.0 264.4 396.6#

95 25.8 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

400

300

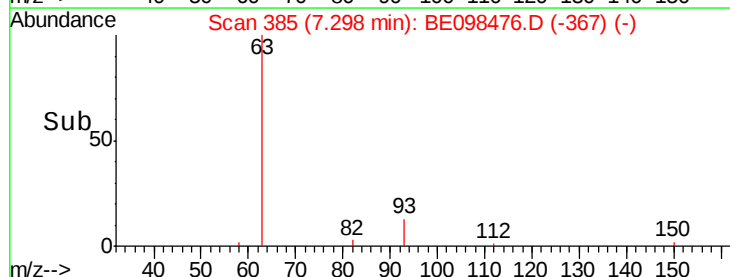
200

100

7.30

0

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098476.D

Acq: 15 Dec 2018 17:28

Instrument :

BNA_E

ClientSampleId :

RE105D2-20181210

Tgt Ion: 136 Resp: 3007

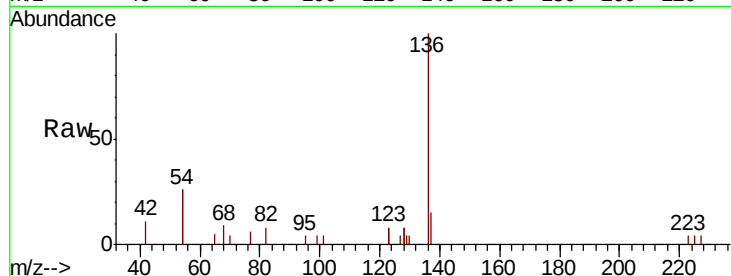
Ion Ratio Lower Upper

136 100

137 14.8 9.2 13.8#

54 51.5 28.4 42.6#

68 8.7 5.4 8.0#

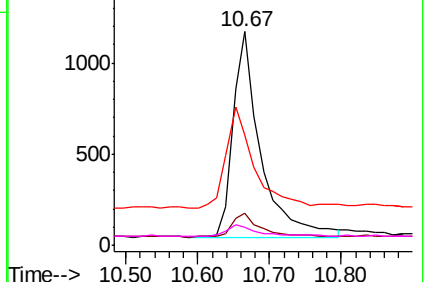
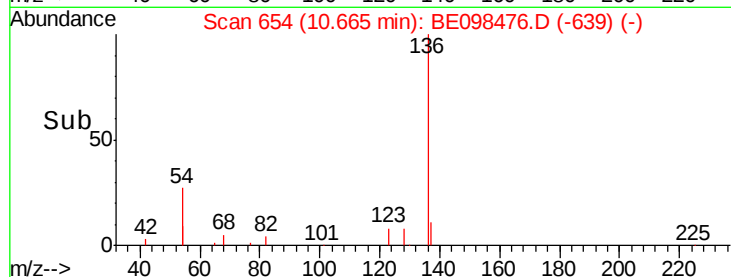


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.377 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.02 min

Lab File: BE098476.D

Acq: 15 Dec 2018 17:28

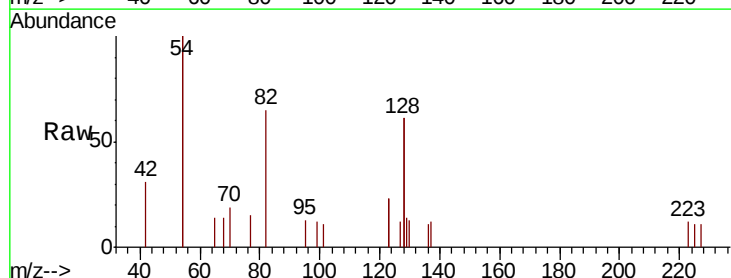
Tgt Ion: 82 Resp: 1031

Ion Ratio Lower Upper

82 100

128 187.7 102.4 153.6#

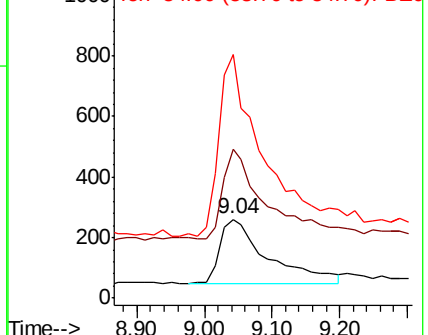
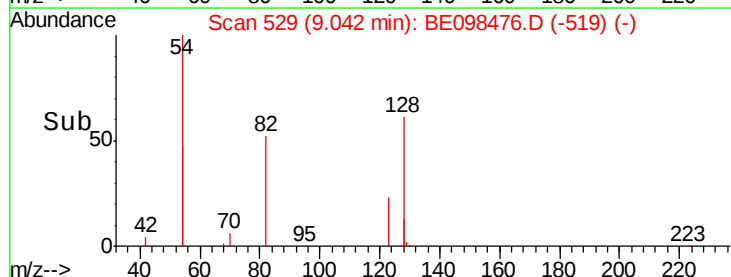
54 308.0 221.8 332.8

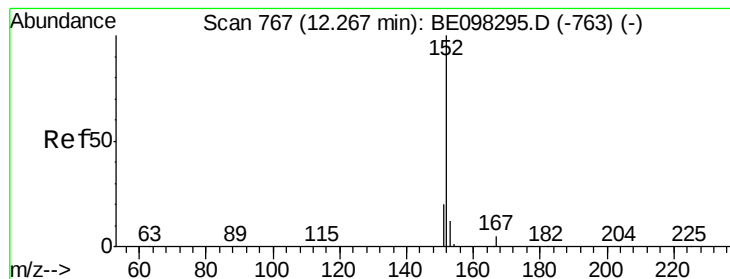


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.439 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098476.D

Acq: 15 Dec 2018 17:28

Instrument :

BNA_E

ClientSampleId :

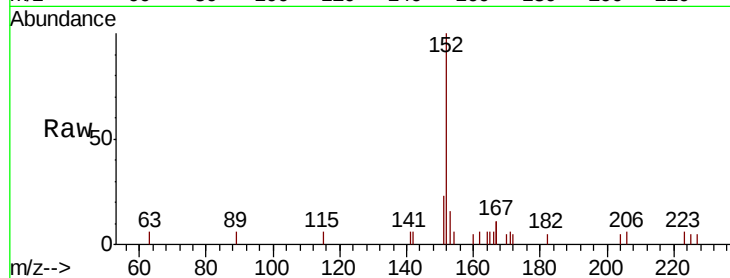
RE105D2-20181210

Tgt Ion:152 Resp: 2146

Ion Ratio Lower Upper

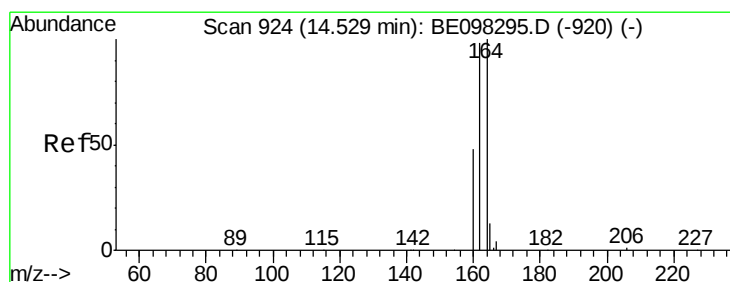
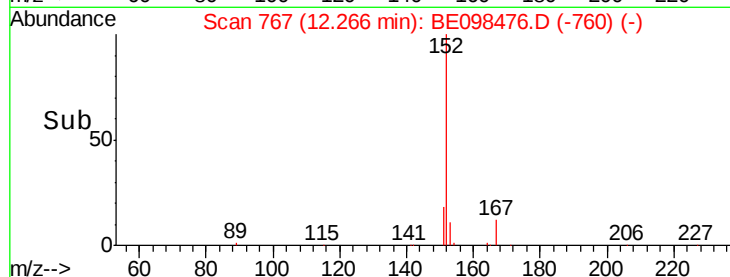
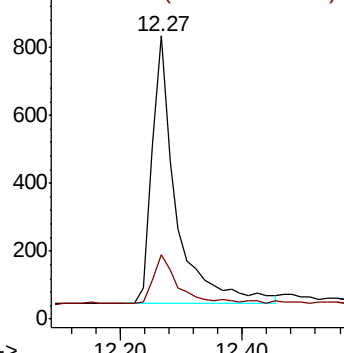
152 100

151 19.3 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: BE098476.D

Acq: 15 Dec 2018 17:28

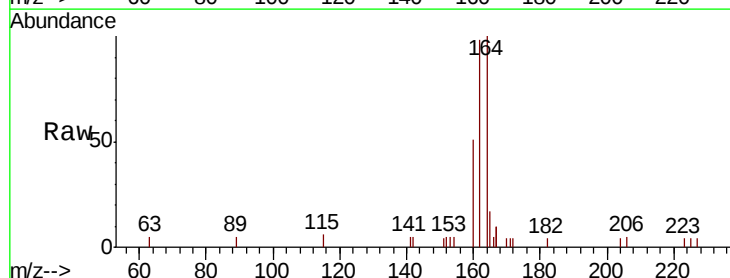
Tgt Ion:164 Resp: 2001

Ion Ratio Lower Upper

164 100

162 98.0 77.6 116.4

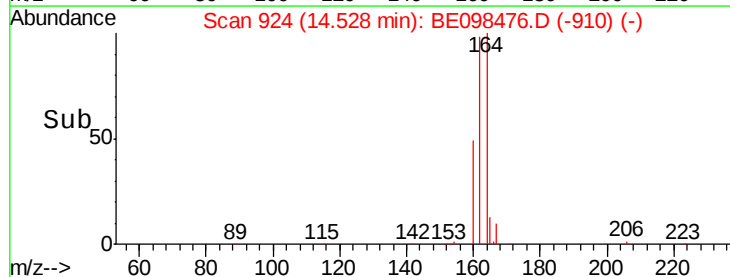
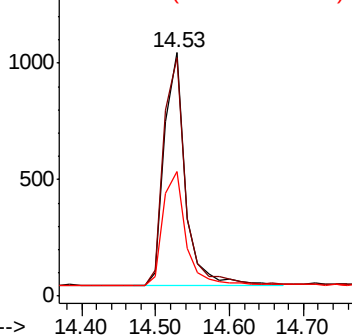
160 51.3 36.0 54.0

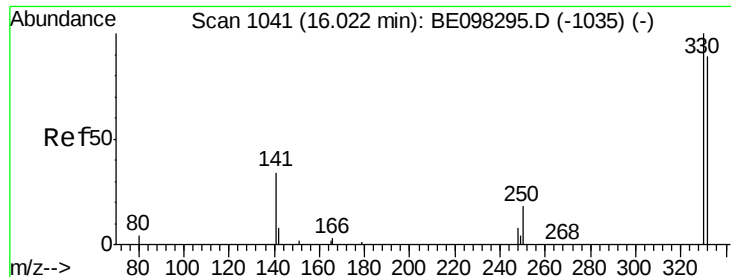


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

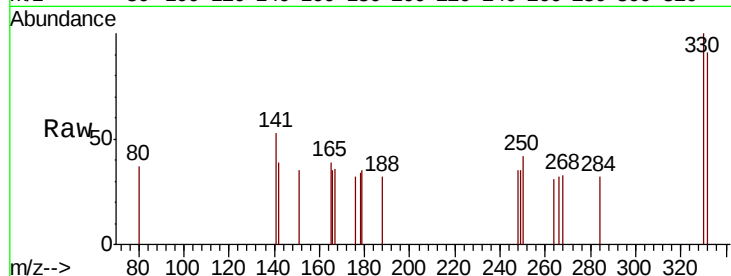




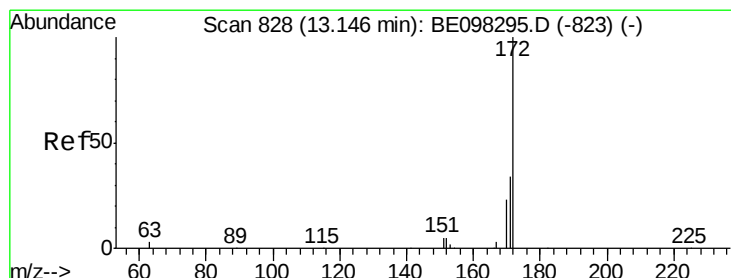
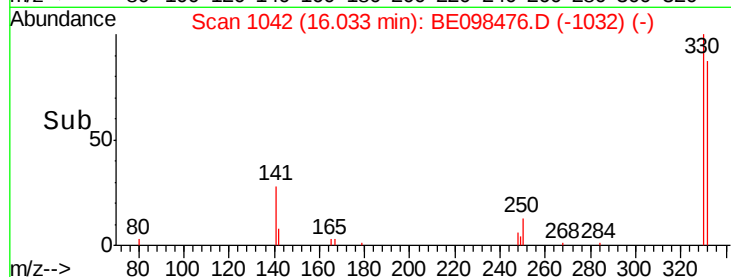
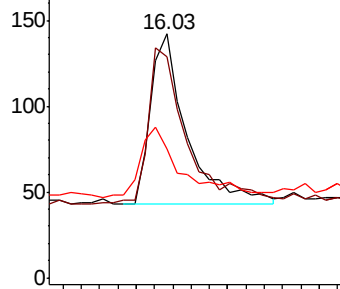
#14
 2,4,6-Tribromophenol
 Concen: 0.373 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BE098476.D
 Acq: 15 Dec 2018 17:28

Instrument :
 BNA_E
 ClientSampleId :
 RE105D2-20181210

Tgt Ion: 330 Resp: 274
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.2 114.4
 141 46.4 39.0 58.4

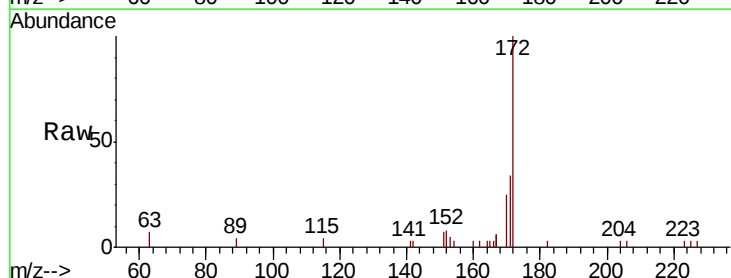


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

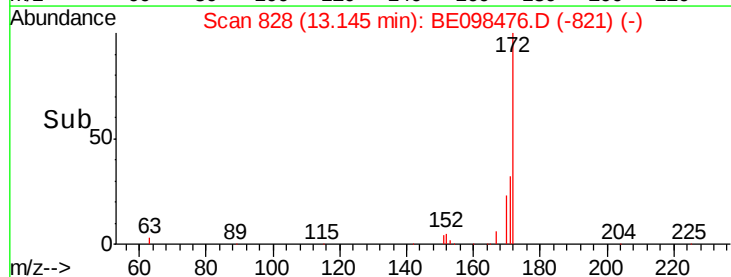
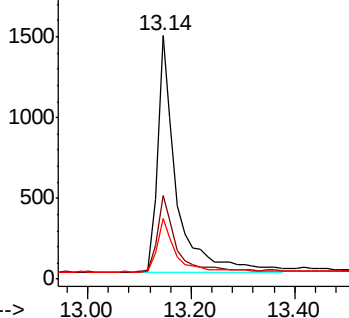


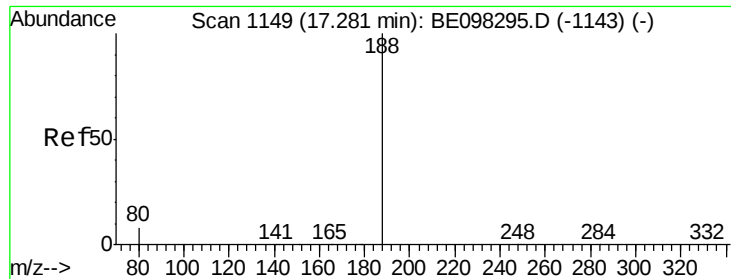
#15
 2-Fluorobiphenyl
 Concen: 0.442 ng
 RT: 13.14 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098476.D
 Acq: 15 Dec 2018 17:28

Tgt Ion: 172 Resp: 3727
 Ion Ratio Lower Upper
 172 100
 171 34.4 27.5 41.3
 170 25.0 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: BE098476.D

Acq: 15 Dec 2018 17:28

Instrument :

BNA_E

ClientSampleId :

RE105D2-20181210

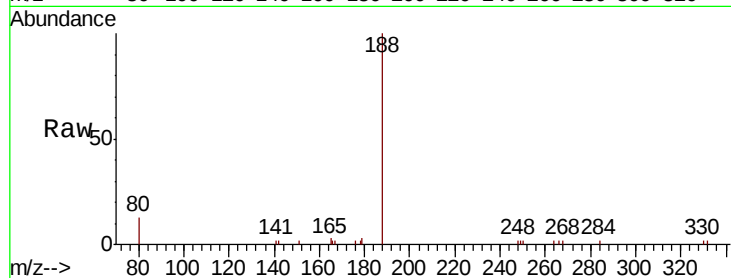
Tgt Ion:188 Resp: 5115

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

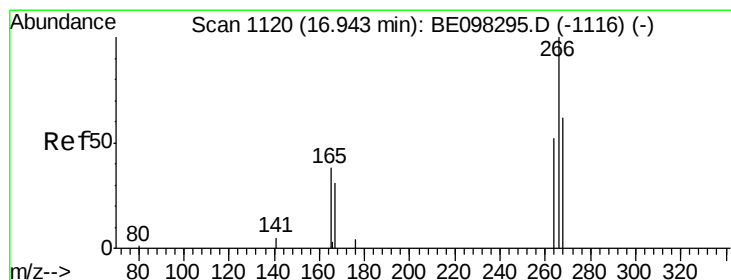
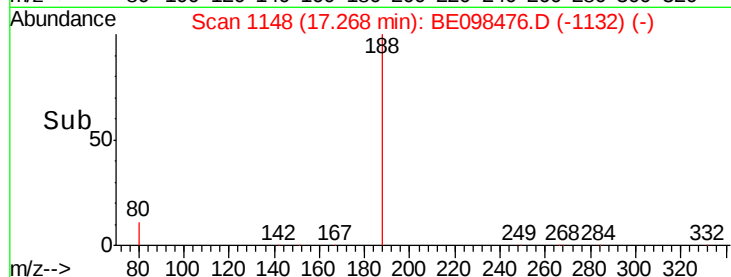
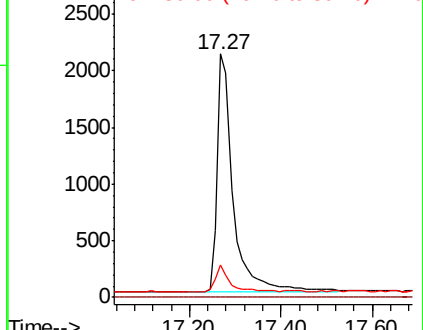
80 13.1 7.2 10.8#



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: 0.022 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098476.D

Acq: 15 Dec 2018 17:28

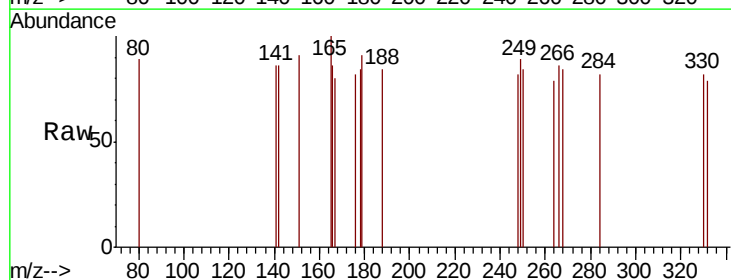
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 91.7 59.0 88.4#

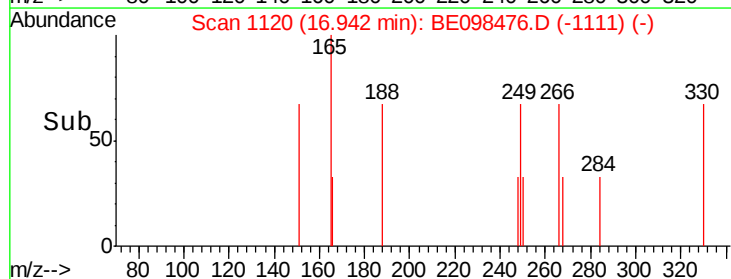
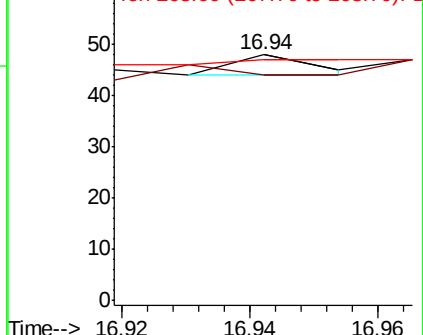
268 97.9 55.1 82.7#

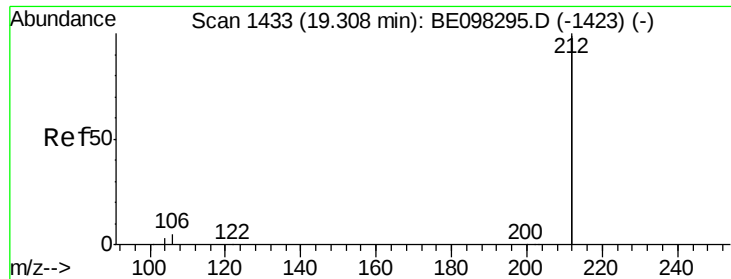


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

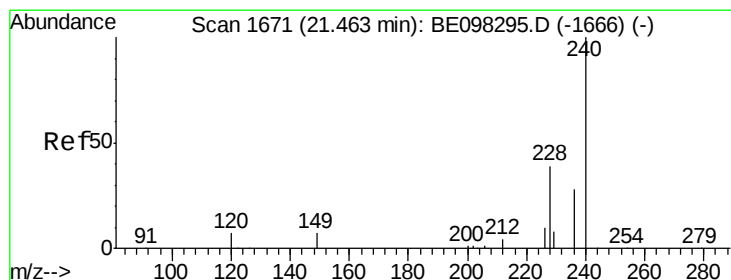
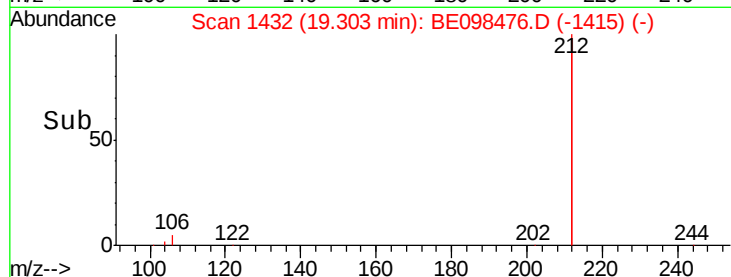
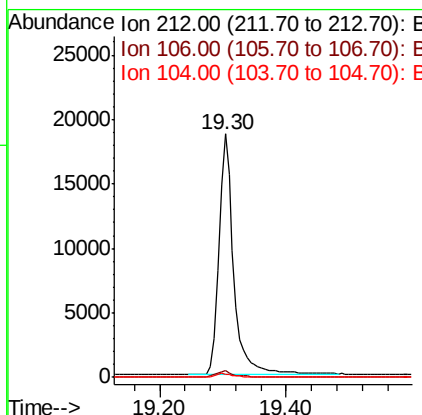
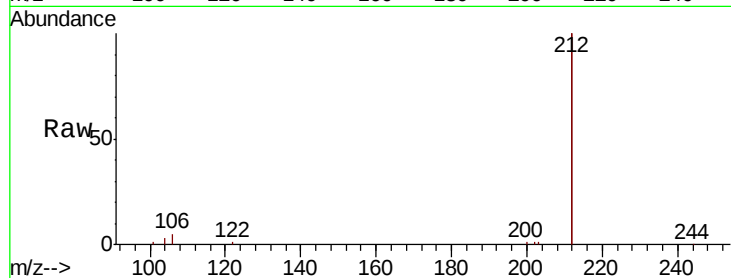




#25
Fluoranthene-d10
Concen: 0.465 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE098476.D
Acq: 15 Dec 2018 17:28

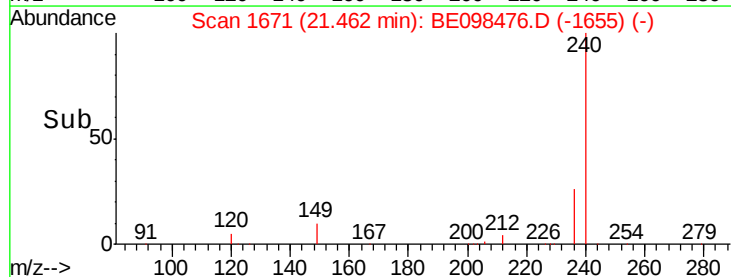
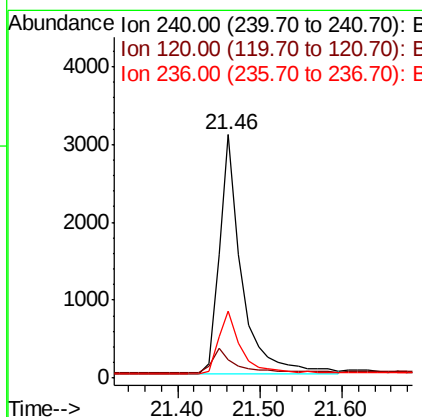
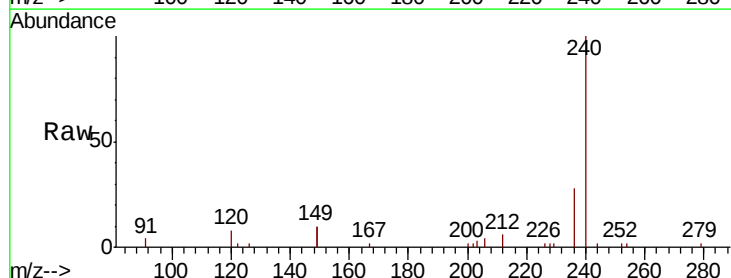
Instrument :
BNA_E
ClientSampleId :
RE105D2-20181210

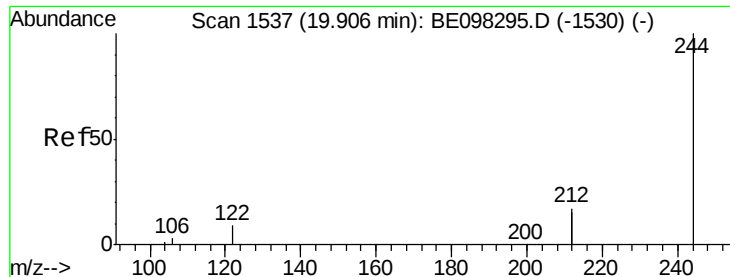
Tgt Ion:212 Resp: 30507
Ion Ratio Lower Upper
212 100
106 2.3 2.2 3.2
104 1.3 1.3 1.9



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098476.D
Acq: 15 Dec 2018 17:28

Tgt Ion:240 Resp: 5848
Ion Ratio Lower Upper
240 100
120 7.5 9.5 14.3#
236 27.6 22.7 34.1





#29

Terphenyl-d14

Concen: 0.431 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098476.D

Acq: 15 Dec 2018 17:28

Instrument :

BNA_E

ClientSampleId :

RE105D2-20181210

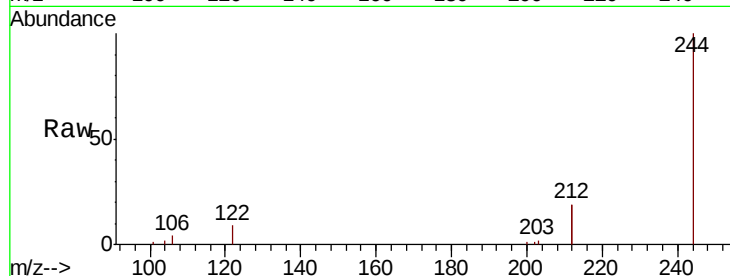
Tgt Ion:244 Resp: 6129

Ion Ratio Lower Upper

244 100

212 38.2 27.4 41.0

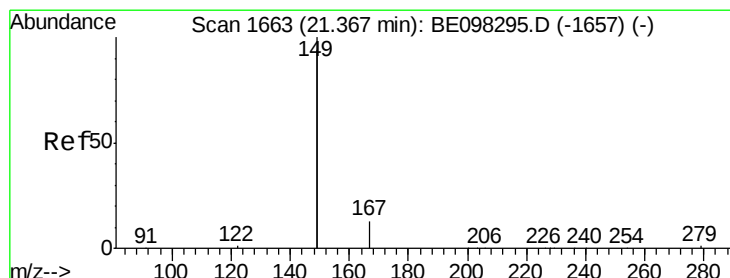
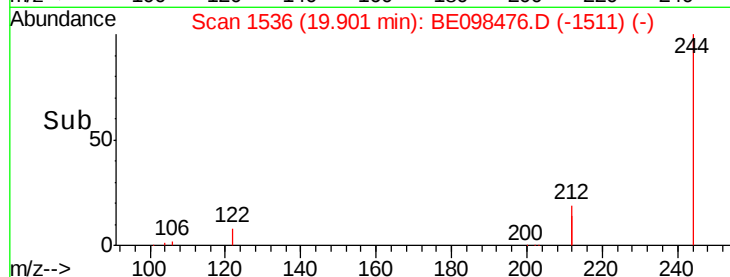
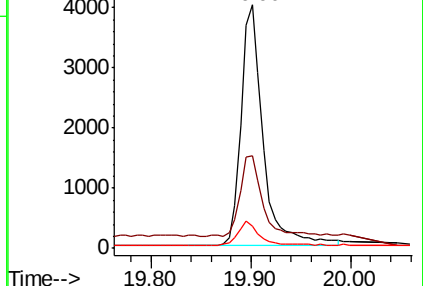
122 9.2 8.3 12.5



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: BE098476.D

Acq: 15 Dec 2018 17:28

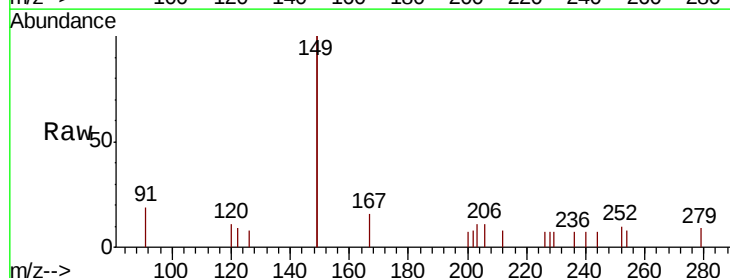
Tgt Ion:149 Resp: 1242

Ion Ratio Lower Upper

149 100

167 7.2 5.7 8.5

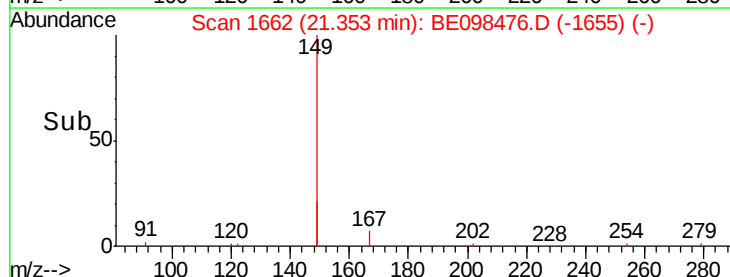
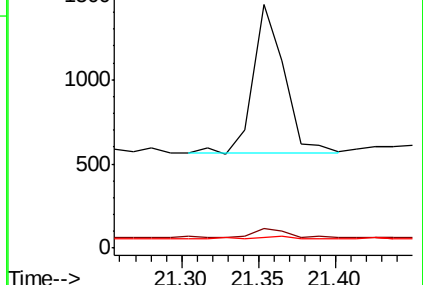
279 1.7 1.0 1.4#

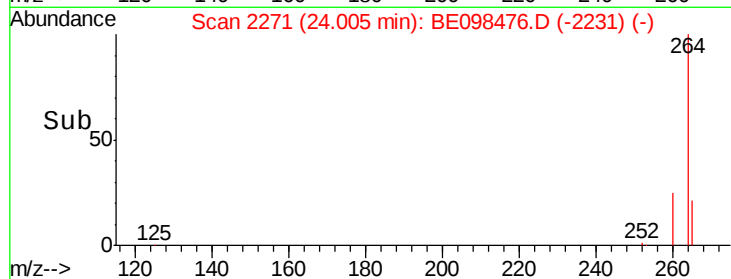
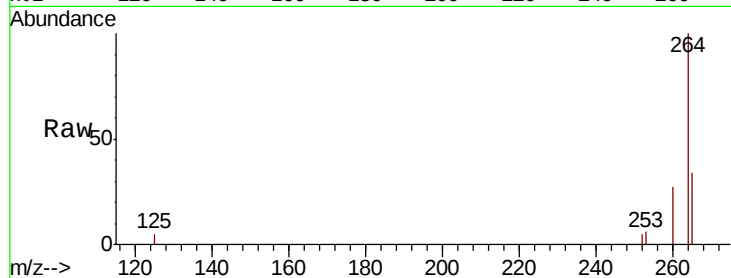
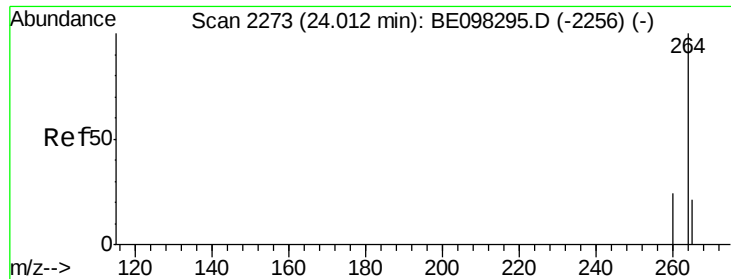


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2271

Delta R.T. -0.01 min

Lab File: BE098476.D

Acq: 15 Dec 2018 17:28

Instrument :

BNA_E

ClientSampleId :

RE105D2-20181210

Tgt Ion:264 Resp: 5729

Ion Ratio Lower Upper

264 100

260 26.6 20.2 30.2

265 33.8 25.2 37.8

