

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121318\
 Data File : BE098412.D
 Acq On : 14 Dec 2018 00:29
 Operator : SJ/JU
 Sample : J6325-07DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D2-20181205DL

Quant Time: Dec 14 02:04:48 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

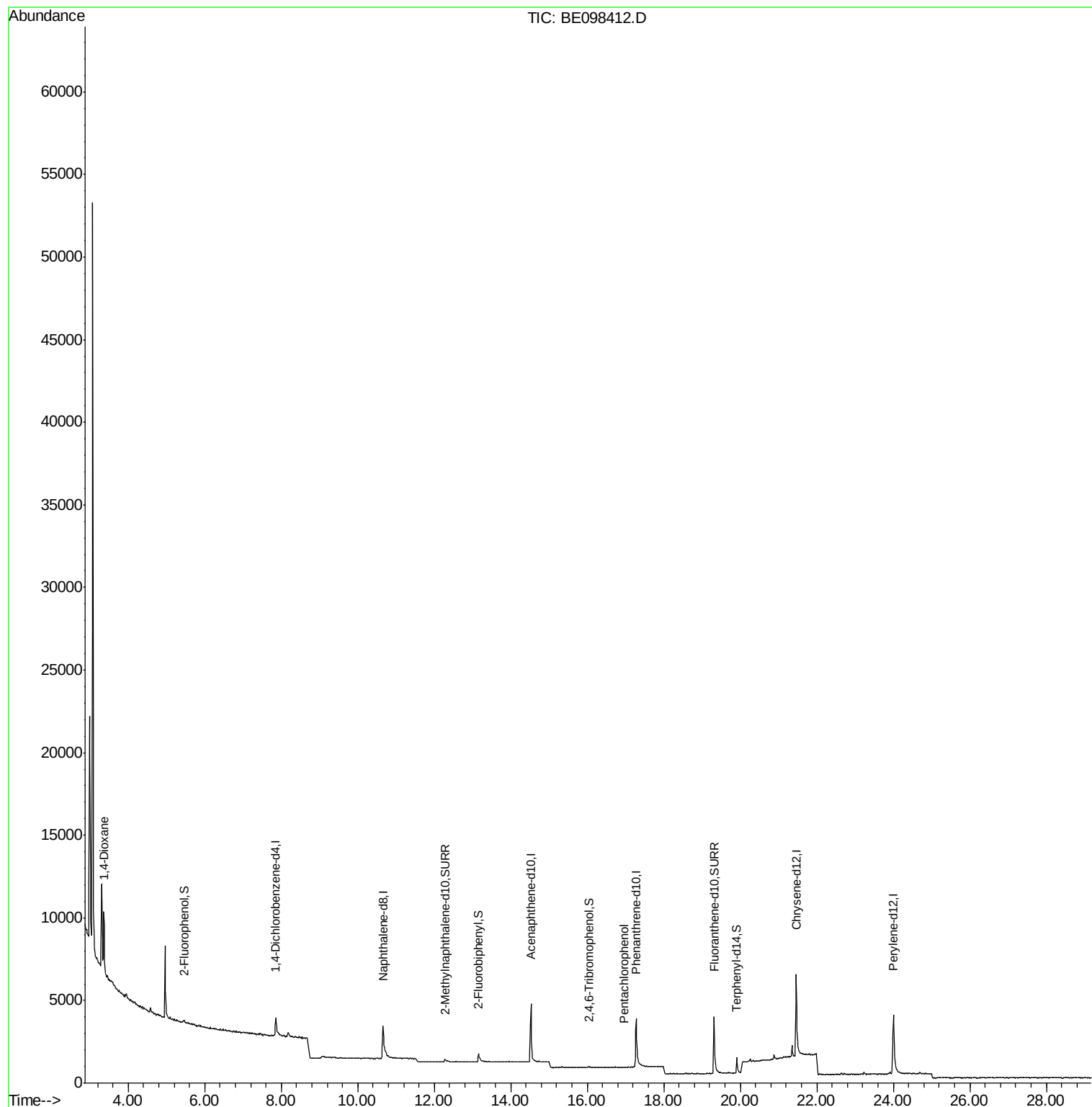
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	895	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3984	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2671	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7114	0.40	ng	0.00
27) Chrysene-d12	21.46	240	7659	0.40	ng	0.00
34) Perylene-d12	24.00	264	7407	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	144	0.07	ng	0.00
5) Phenol-d6	7.02	99	4	0.00	ng	-0.03
8) Nitrobenzene-d5	9.00	82	8	0.00	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	497	0.08	ng	0.01
14) 2,4,6-Tribromophenol	16.04	330	76	0.08	ng	0.02
15) 2-Fluorobiphenyl	13.16	172	1082	0.10	ng	0.01
25) Fluoranthene-d10	19.31	212	7076	0.08	ng	0.00
29) Terphenyl-d14	19.91	244	1405	0.08	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	2093	1.352	ng	# 90
22) Pentachlorophenol	16.96	266	5	0.024	ng	# 66

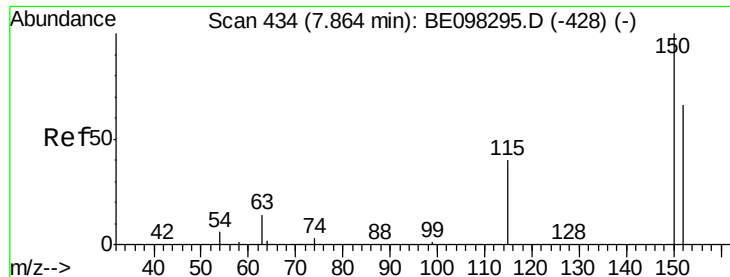
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098412.D

Acq: 14 Dec 2018 00:29

Instrument :

BNA_E

ClientSampleId :

RE-131D2-20181205DL

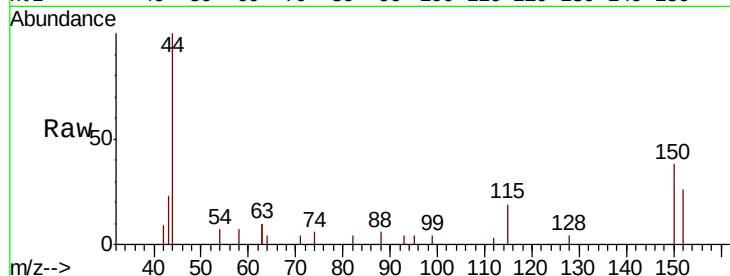
Tgt Ion:152 Resp: 895

Ion Ratio Lower Upper

152 100

150 147.2 124.2 186.4

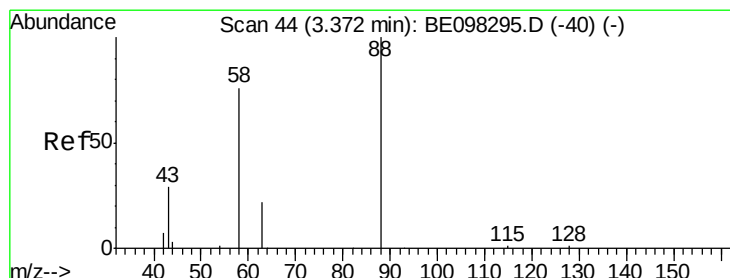
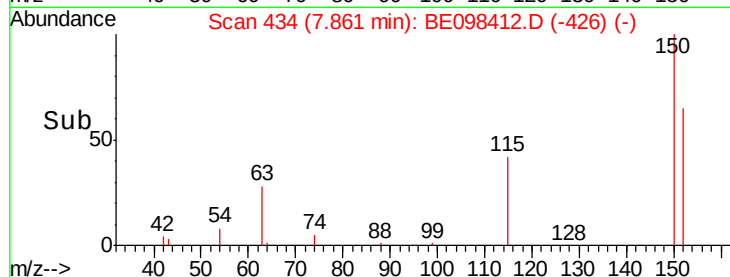
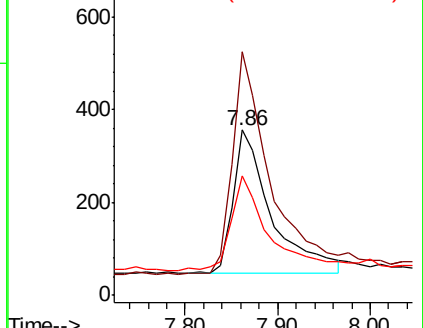
115 72.2 53.9 80.9



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: 1.352 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098412.D

Acq: 14 Dec 2018 00:29

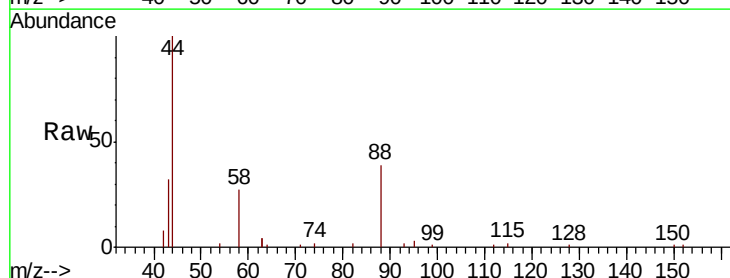
Tgt Ion: 88 Resp: 2093

Ion Ratio Lower Upper

88 100

58 95.4 75.0 112.6

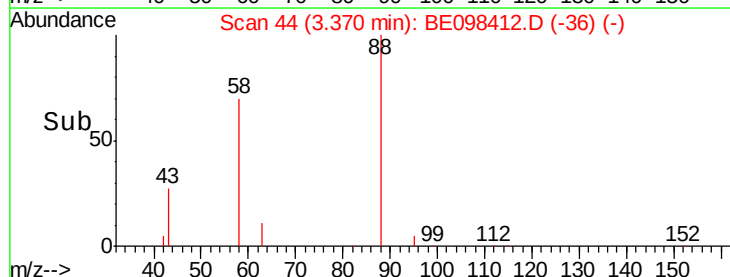
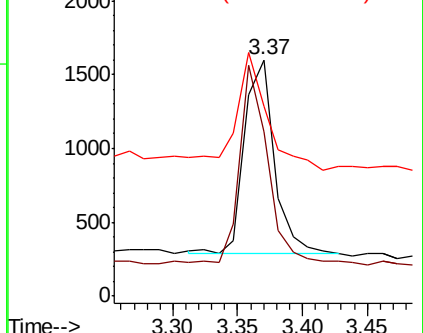
43 65.1 38.3 57.5#

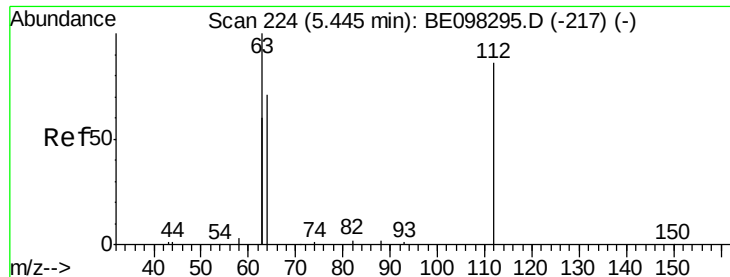


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.069 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098412.D

Acq: 14 Dec 2018 00:29

Instrument :

BNA_E

ClientSampleId :

RE-131D2-20181205DL

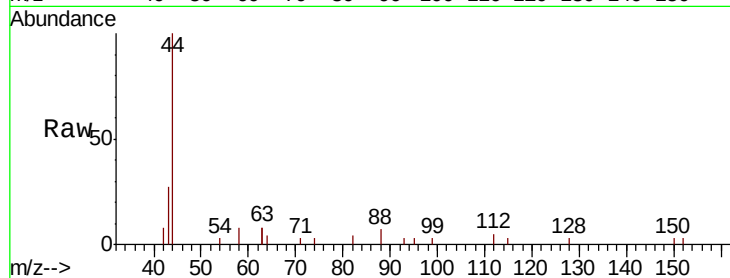
Tgt Ion: 112 Resp: 144

Ion Ratio Lower Upper

112 100

64 72.2 59.8 89.8

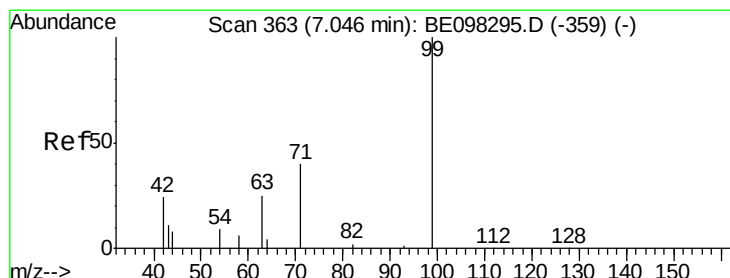
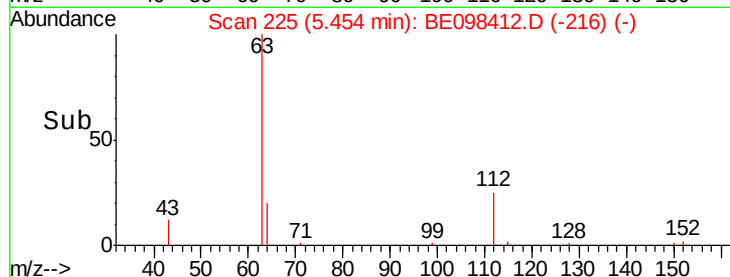
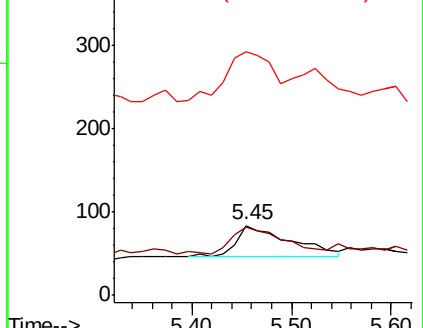
63 146.5 133.7 200.5



Abundance Ion 112.00 (111.70 to 112.70): BE098412.D (-216) (-)

Ion 64.00 (63.70 to 64.70): BE098412.D (-216) (-)

Ion 63.00 (62.70 to 63.70): BE098412.D (-216) (-)



#5

Phenol-d6

Concen: 0.001 ng

RT: 7.02 min Scan# 361

Delta R.T. -0.03 min

Lab File: BE098412.D

Acq: 14 Dec 2018 00:29

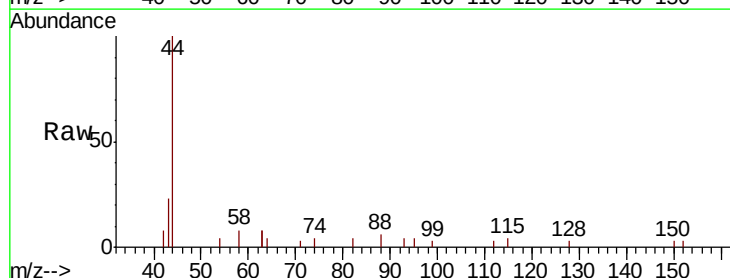
Tgt Ion: 99 Resp: 4

Ion Ratio Lower Upper

99 100

42 375.0 26.3 39.5#

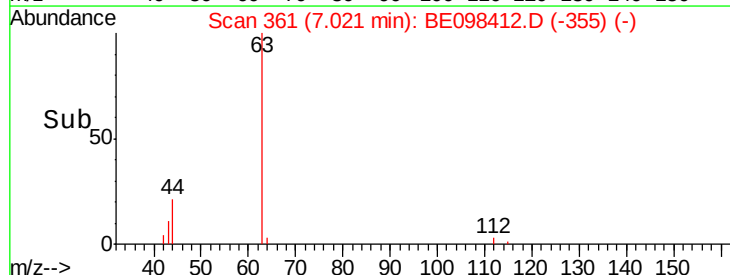
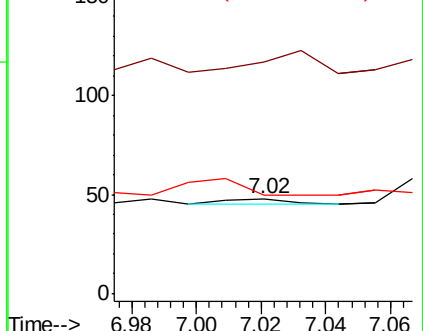
71 0.0 33.6 50.4#

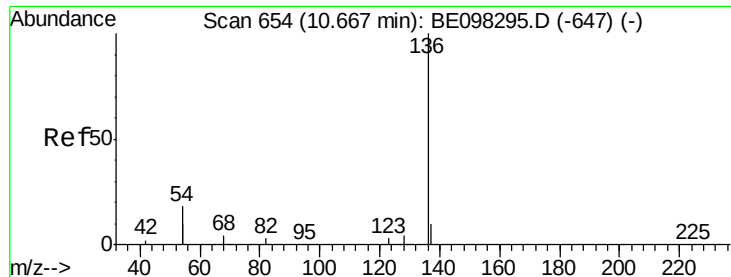


Abundance Ion 99.00 (98.70 to 99.70): BE098412.D (-355) (-)

Ion 42.00 (41.70 to 42.70): BE098412.D (-355) (-)

Ion 71.00 (70.70 to 71.70): BE098412.D (-355) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098412.D

Acq: 14 Dec 2018 00:29

Instrument :

BNA_E

ClientSampleId :

RE-131D2-20181205DL

Tgt Ion: 136 Resp: 3984

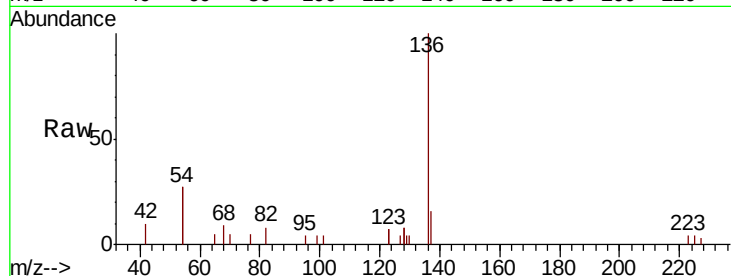
Ion Ratio Lower Upper

136 100

137 15.6 9.2 13.8#

54 53.3 28.4 42.6#

68 9.3 5.4 8.0#

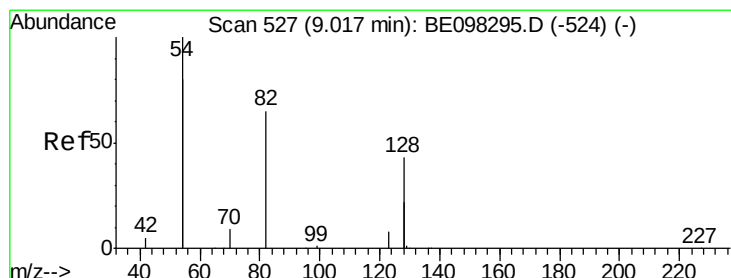
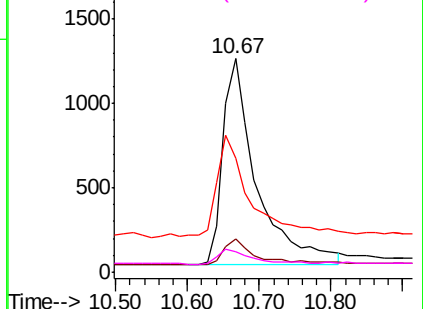
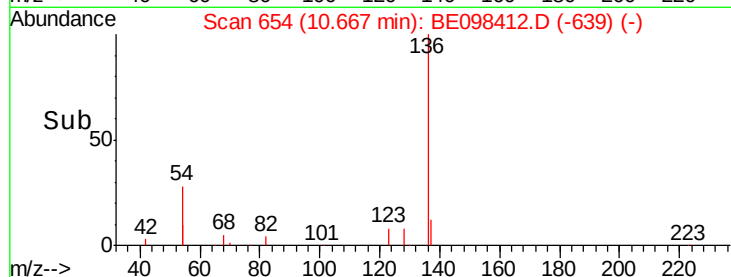


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.002 ng

RT: 9.00 min Scan# 526

Delta R.T. -0.01 min

Lab File: BE098412.D

Acq: 14 Dec 2018 00:29

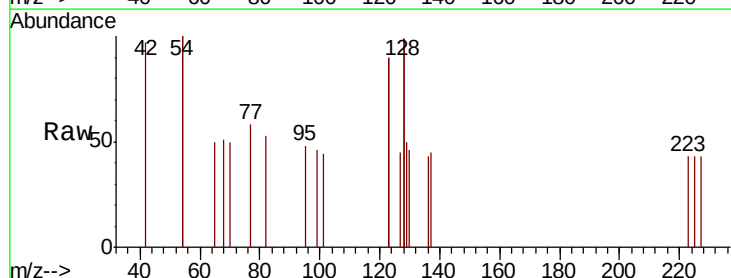
Tgt Ion: 82 Resp: 8

Ion Ratio Lower Upper

82 100

128 371.9 102.4 153.6#

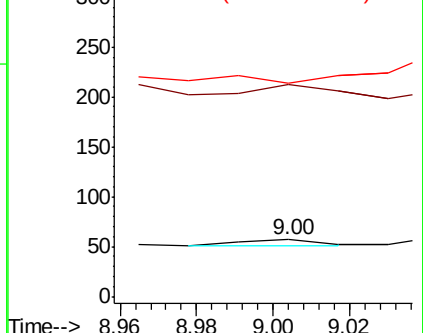
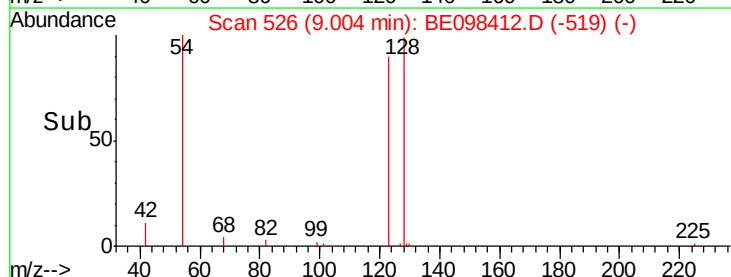
54 375.4 221.8 332.8#

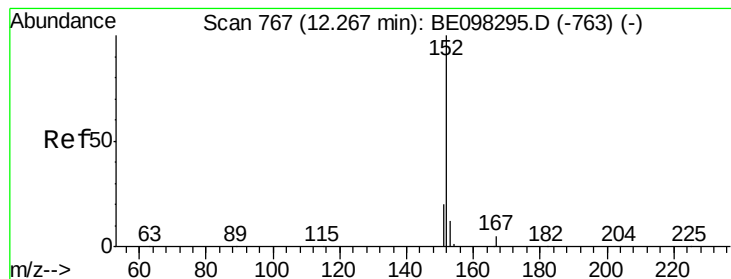


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.077 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE098412.D

Acq: 14 Dec 2018 00:29

Instrument :

BNA_E

ClientSampleId :

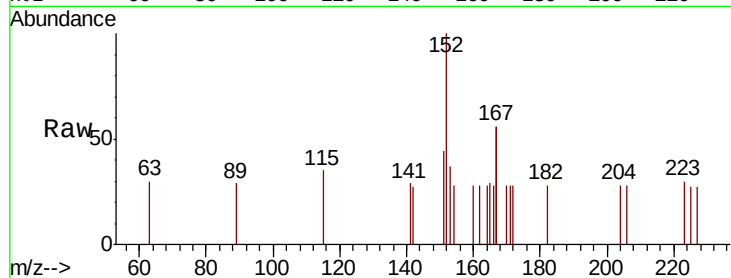
RE-131D2-20181205DL

Tgt Ion:152 Resp: 497

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.28

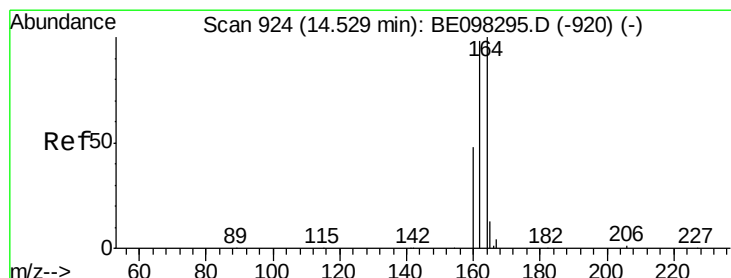
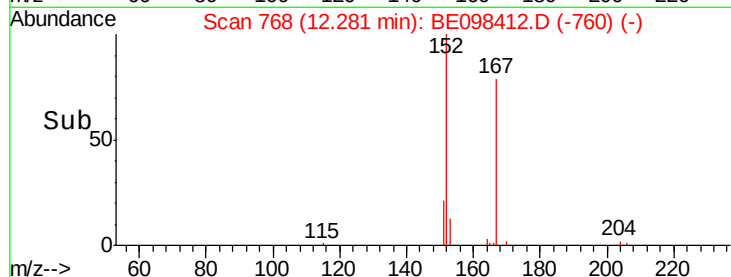
150

100

50

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098412.D

Acq: 14 Dec 2018 00:29

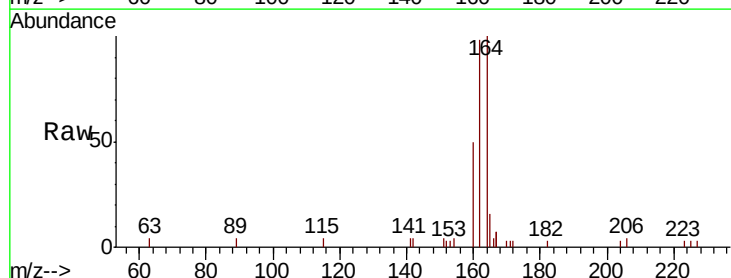
Tgt Ion:164 Resp: 2671

Ion Ratio Lower Upper

164 100

162 97.8 77.6 116.4

160 50.3 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

14.53

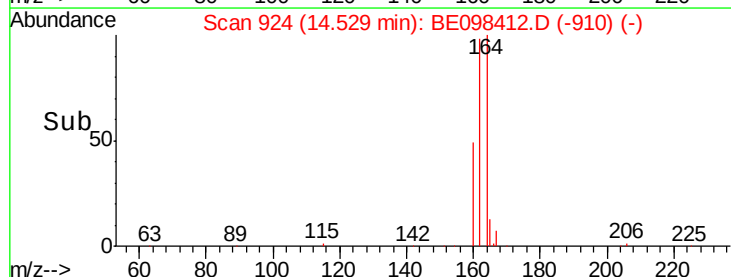
1500

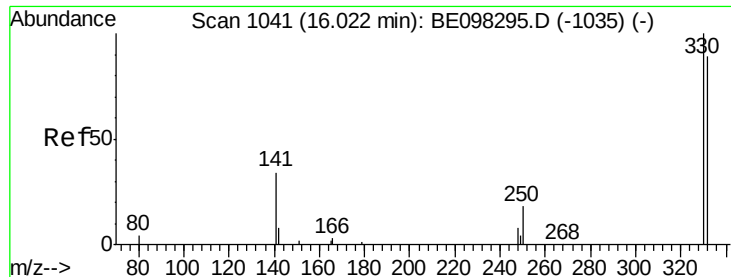
1000

500

0

Time-->

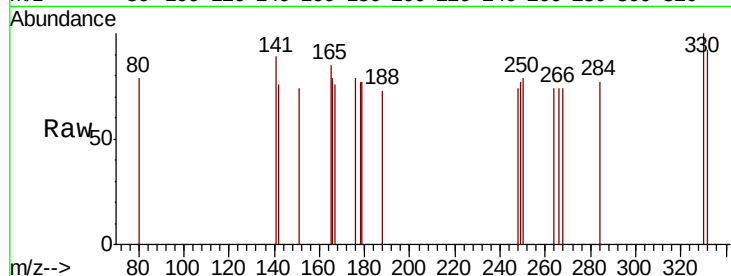




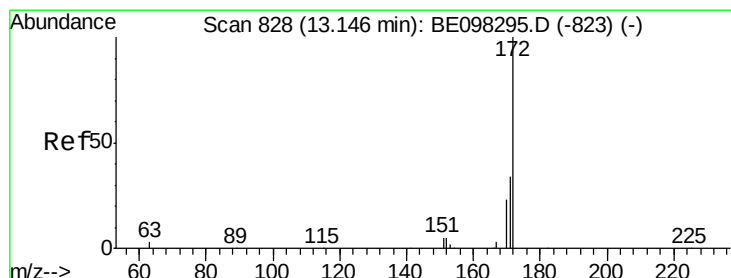
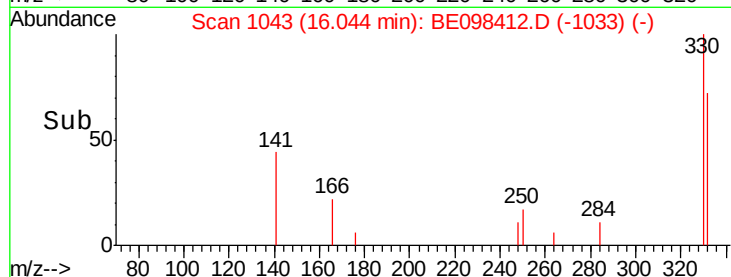
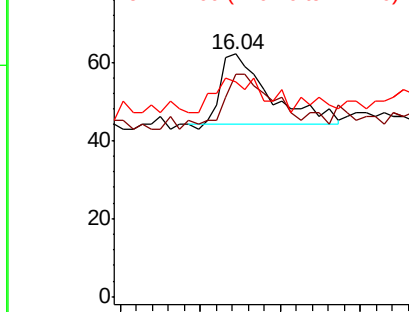
#14
 2,4,6-Tribromophenol
 Concen: 0.078 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. 0.02 min
 Lab File: BE098412.D
 Acq: 14 Dec 2018 00:29

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D2-20181205DL

Tgt Ion: 330 Resp: 76
 Ion Ratio Lower Upper
 330 100
 332 69.7 76.2 114.4#
 141 44.7 39.0 58.4

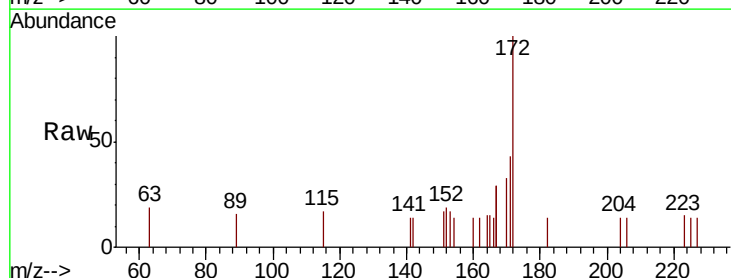


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

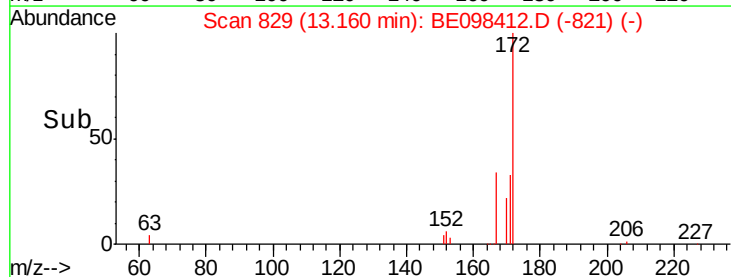
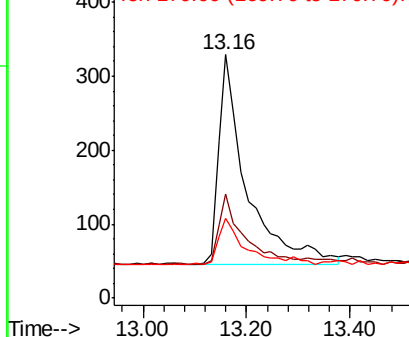


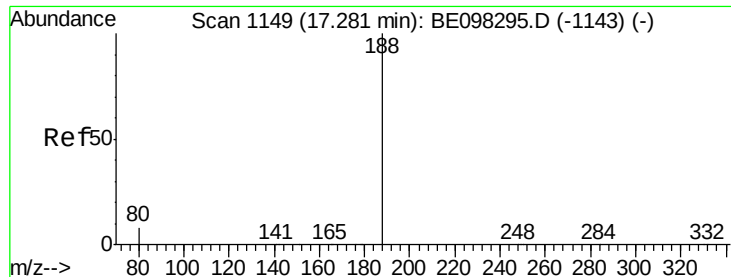
#15
 2-Fluorobiphenyl
 Concen: 0.096 ng
 RT: 13.16 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BE098412.D
 Acq: 14 Dec 2018 00:29

Tgt Ion: 172 Resp: 1082
 Ion Ratio Lower Upper
 172 100
 171 42.6 27.5 41.3#
 170 32.5 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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098412.D

Acq: 14 Dec 2018 00:29

Instrument :

BNA_E

ClientSampleId :

RE-131D2-20181205DL

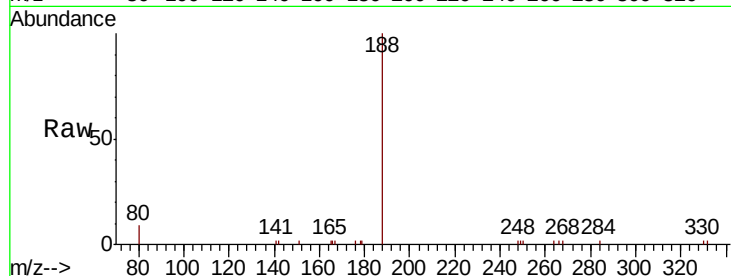
Tgt Ion:188 Resp: 7114

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

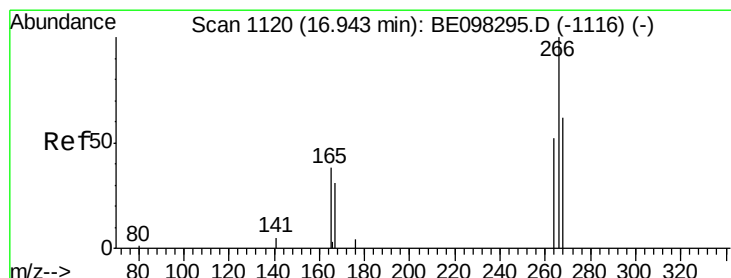
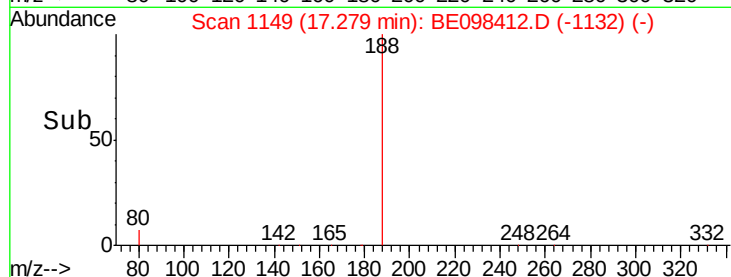
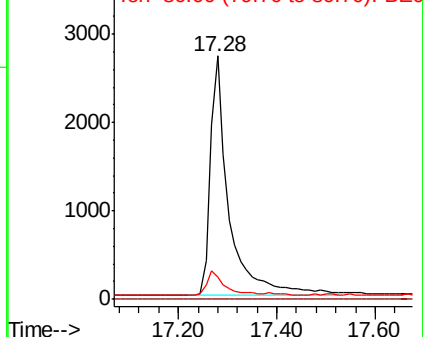
80 9.0 7.2 10.8



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: 0.024 ng

RT: 16.96 min Scan# 1122

Delta R.T. 0.02 min

Lab File: BE098412.D

Acq: 14 Dec 2018 00:29

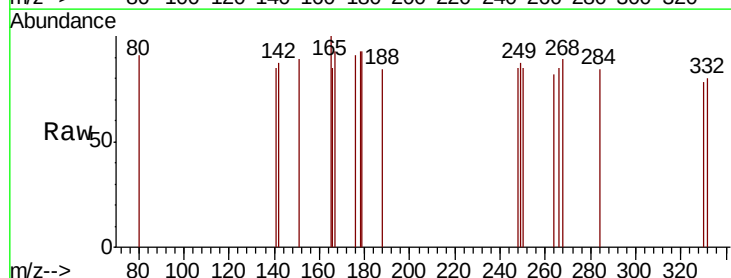
Tgt Ion:266 Resp: 5

Ion Ratio Lower Upper

266 100

264 95.7 59.0 88.4#

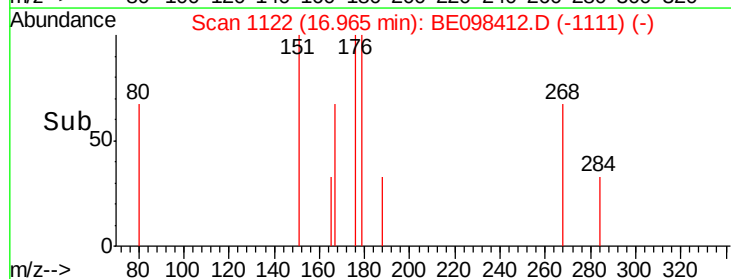
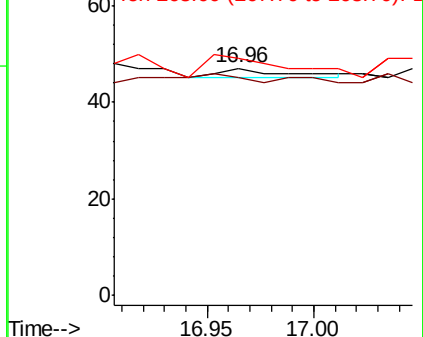
268 104.3 55.1 82.7#

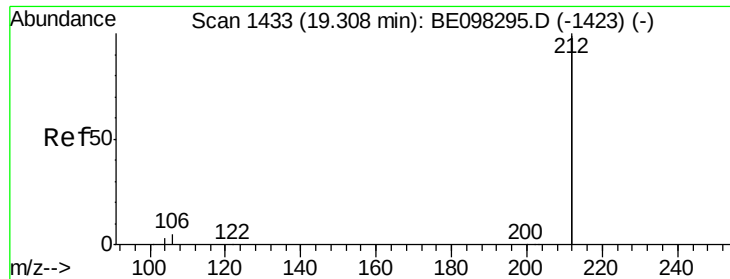


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

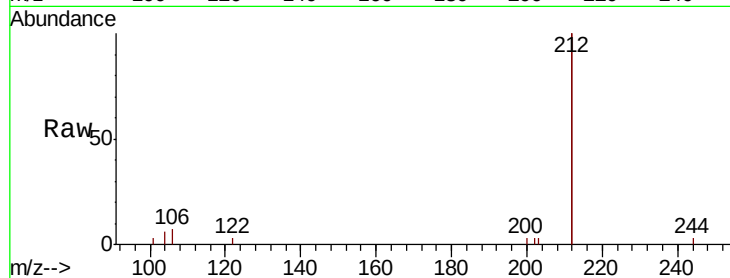




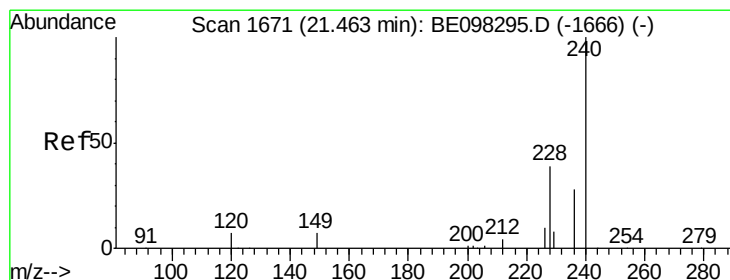
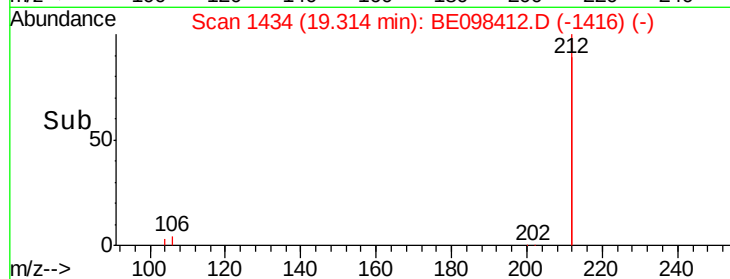
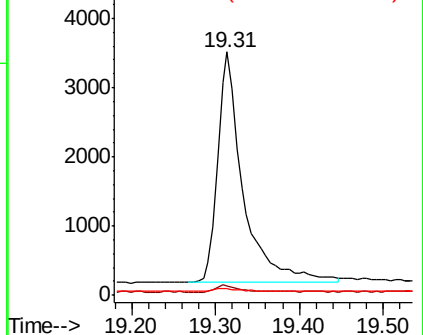
#25
 Fluoranthene-d10
 Concen: 0.078 ng
 RT: 19.31 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BE098412.D
 Acq: 14 Dec 2018 00:29

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D2-20181205DL

Tgt Ion:212 Resp: 7076
 Ion Ratio Lower Upper
 212 100
 106 3.0 2.2 3.2
 104 1.5 1.3 1.9

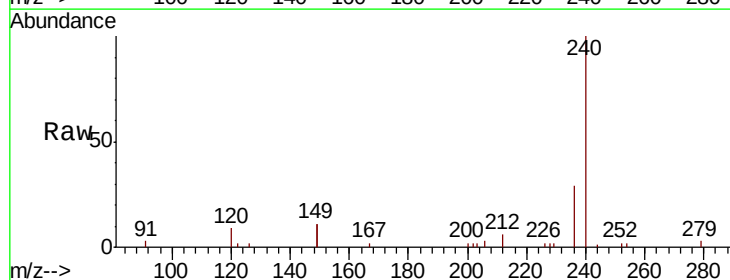


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

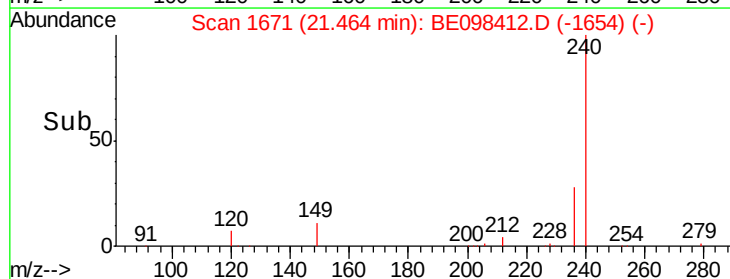
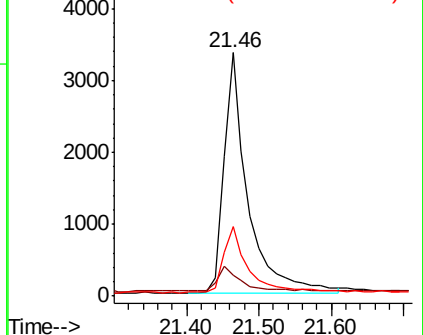


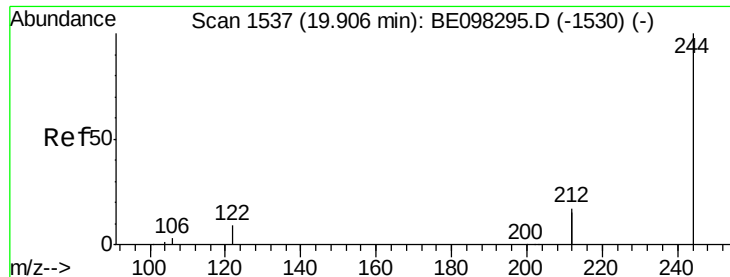
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. 0.00 min
 Lab File: BE098412.D
 Acq: 14 Dec 2018 00:29

Tgt Ion:240 Resp: 7659
 Ion Ratio Lower Upper
 240 100
 120 8.5 9.5 14.3#
 236 28.6 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: 0.075 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098412.D

Acq: 14 Dec 2018 00:29

Instrument :

BNA_E

ClientSampleId :

RE-131D2-20181205DL

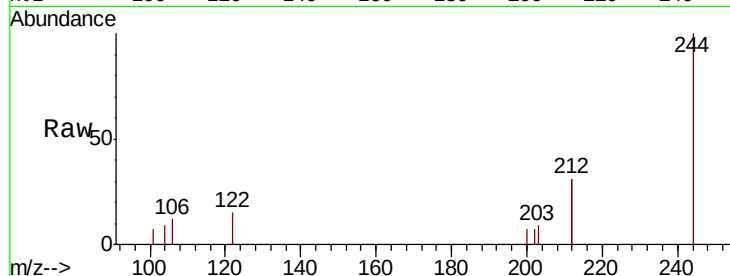
Tgt Ion:244 Resp: 1405

Ion Ratio Lower Upper

244 100

212 62.6 27.4 41.0#

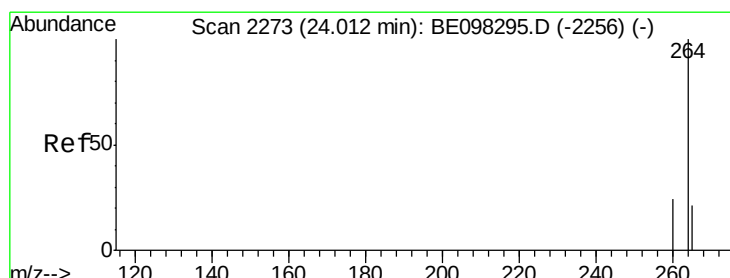
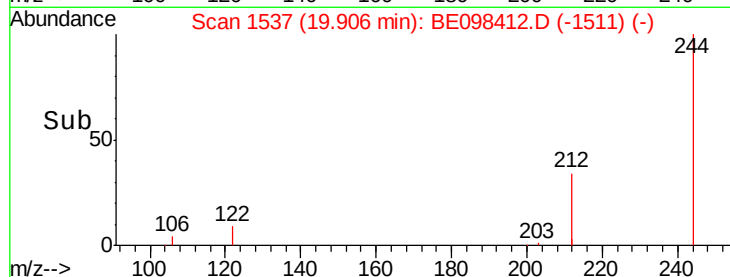
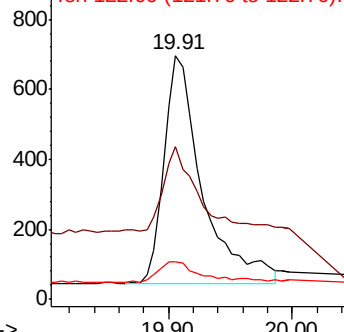
122 15.2 8.3 12.5#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.00 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BE098412.D

Acq: 14 Dec 2018 00:29

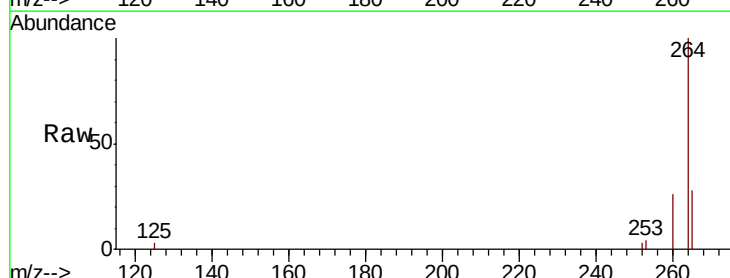
Tgt Ion:264 Resp: 7407

Ion Ratio Lower Upper

264 100

260 25.8 20.2 30.2

265 27.5 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

