

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110818\
 Data File : BE098170.D
 Acq On : 7 Nov 2018 12:47
 Operator : SJ/JU
 Sample : J5820-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 07 16:26:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 13:00:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	862	0.40	ng	-0.01
7) Naphthalene-d8	10.67	136	4349	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2942	0.40	ng	-0.01
19) Phenanthrene-d10	17.28	188	7235	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8085	0.40	ng	0.00
34) Perylene-d12	24.02	264	7616	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	566	0.22	ng	0.00
5) Phenol-d6	7.04	99	504	0.12	ng	-0.01
8) Nitrobenzene-d5	9.03	82	1735	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	2834	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	525	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	5485	0.45	ng	0.00
25) Fluoranthene-d10	19.32	212	35629	0.38	ng	0.00
29) Terphenyl-d14	19.91	244	18973	1.01	ng	0.00

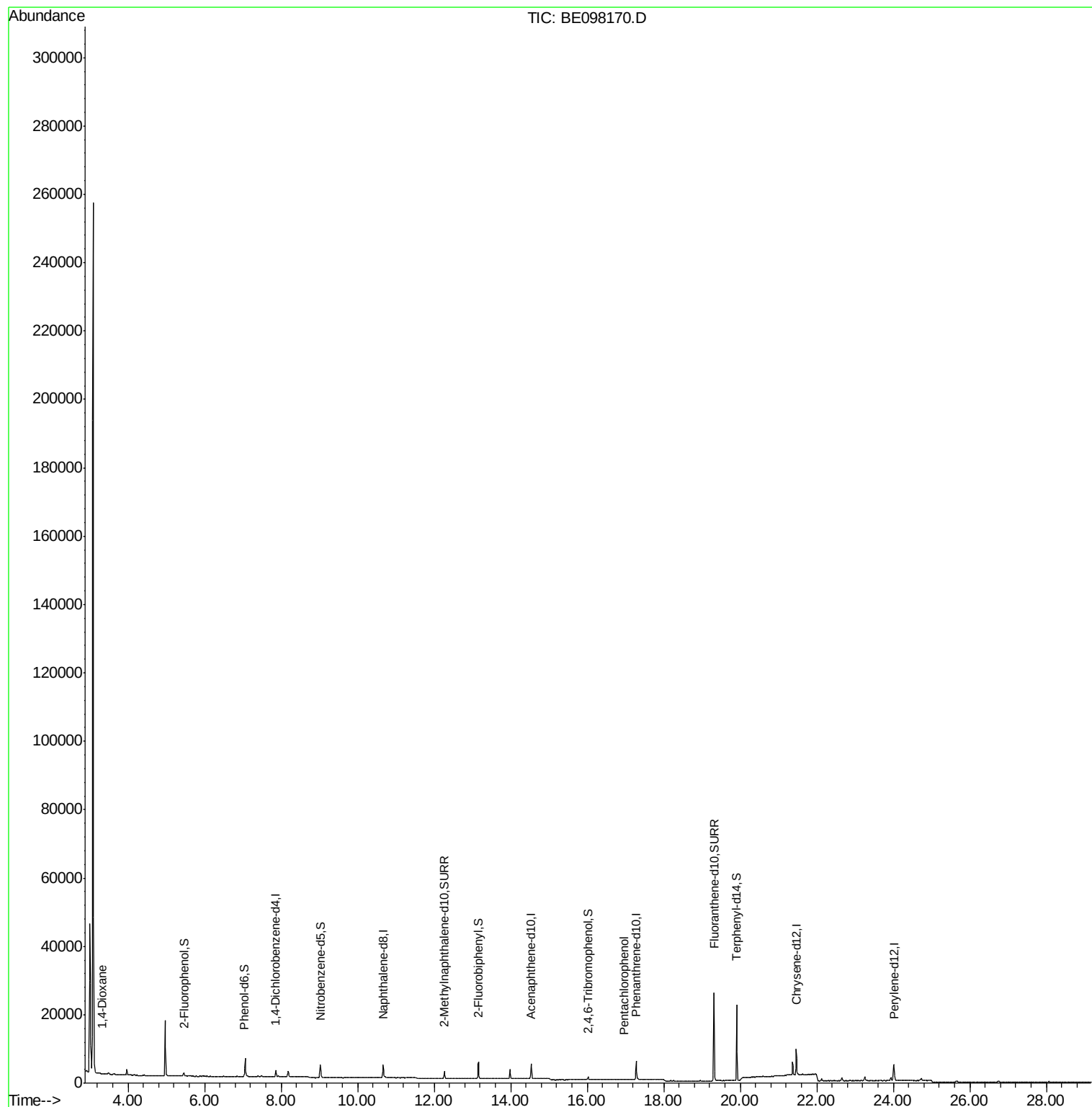
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	50	0.039	ng	# 13
22) Pentachlorophenol	16.95	266	36	0.160	ng	# 66
32) Bis(2-ethylhexyl)phthalate	21.37	149	5033	Below Cal		# 99

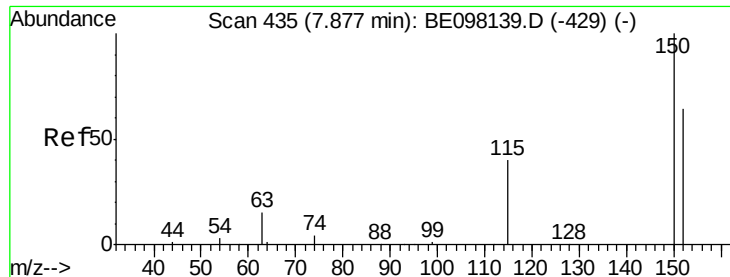
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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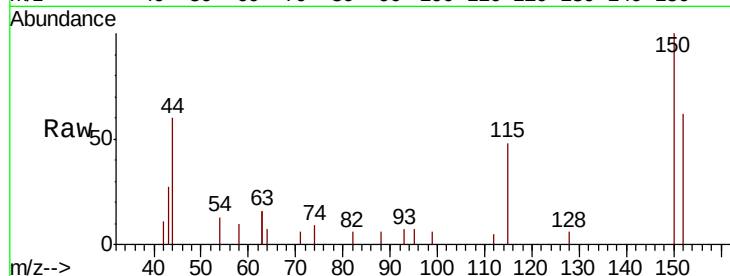


#1

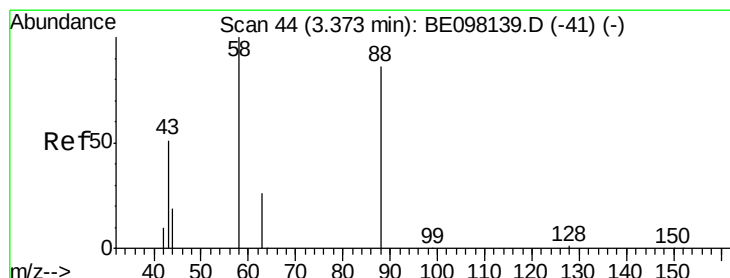
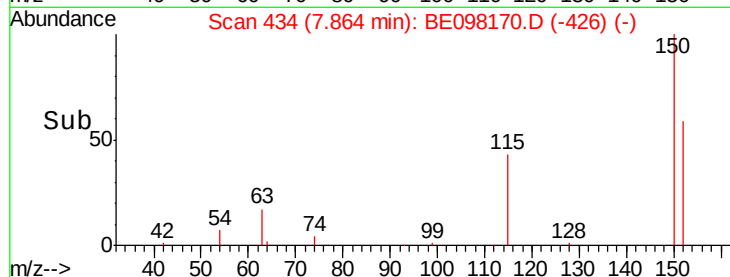
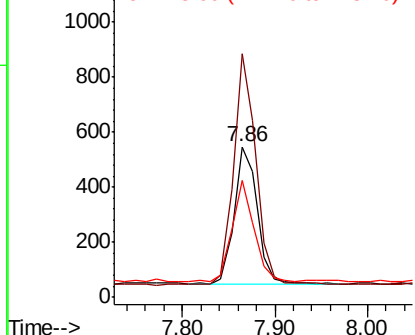
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.01 min
Lab File: BE098170.D
Acq: 7 Nov 2018 12:47

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 862
Ion Ratio Lower Upper
152 100
150 162.1 118.2 177.4
115 77.5 50.9 76.3#



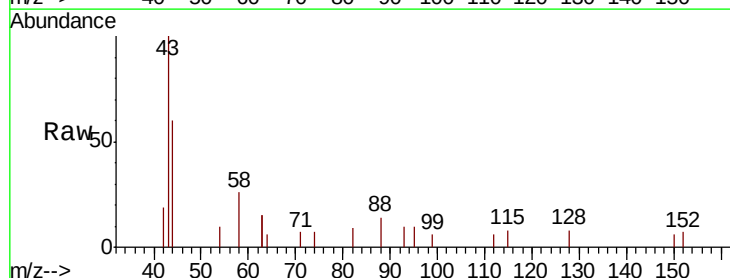
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



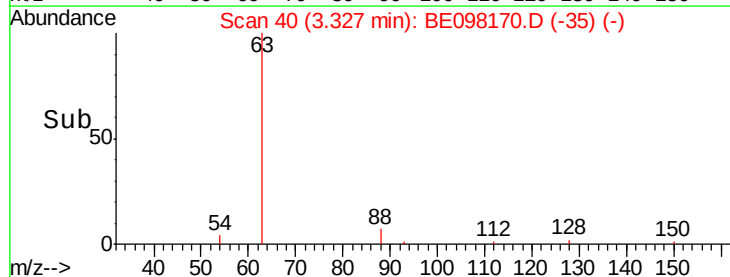
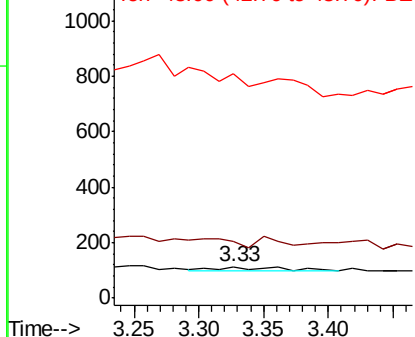
#2

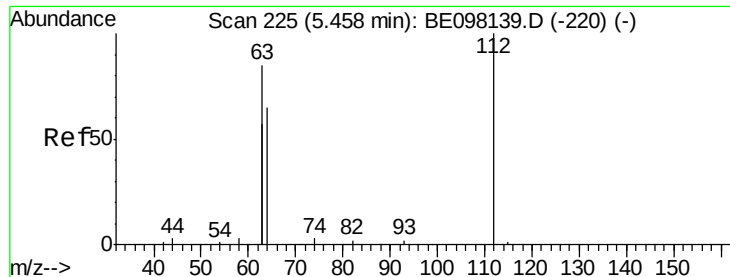
1,4-Dioxane
Concen: 0.039 ng
RT: 3.33 min Scan# 40
Delta R.T. -0.05 min
Lab File: BE098170.D
Acq: 7 Nov 2018 12:47

Tgt Ion: 88 Resp: 50
Ion Ratio Lower Upper
88 100
58 0.0 73.2 109.8#
43 0.0 36.9 55.3#



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: 0.221 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098170.D

Acq: 7 Nov 2018 12:47

Instrument :

BNA_E

ClientSampled :

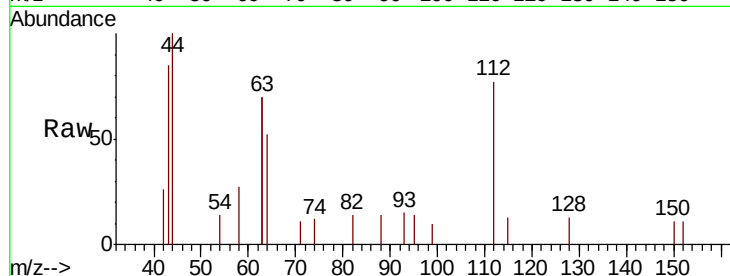
Tot Ion: 112 Resp: 566

Ion Ratio Lower Upper

112 100

64 78.1 58.9 88.3

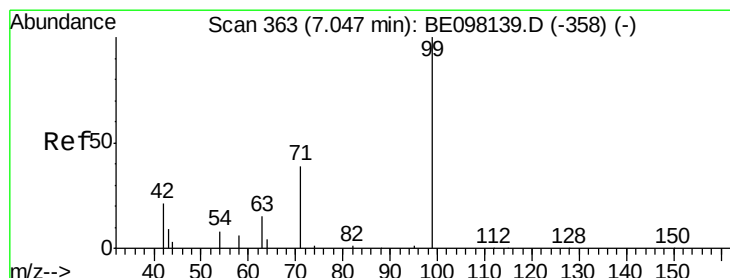
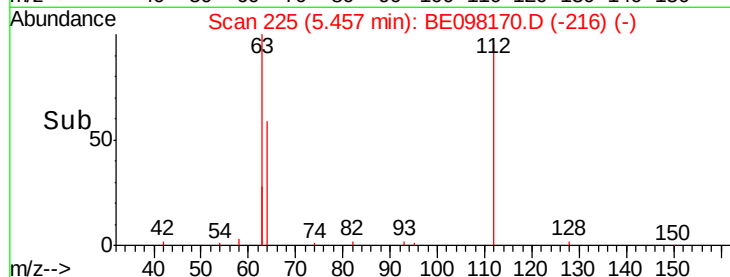
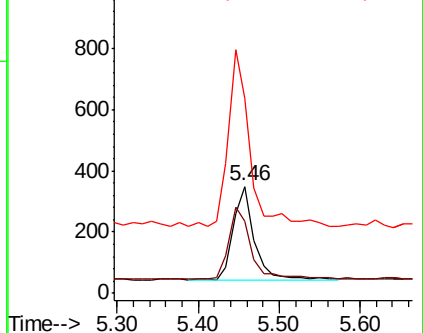
63 187.8 120.3 180.5#



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: 0.120 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098170.D

Acq: 7 Nov 2018 12:47

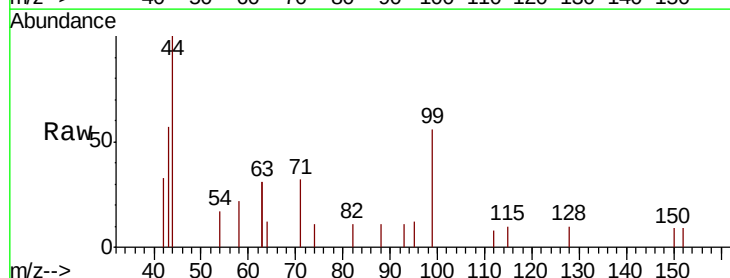
Tgt Ion: 99 Resp: 504

Ion Ratio Lower Upper

99 100

42 0.0 19.9 29.9#

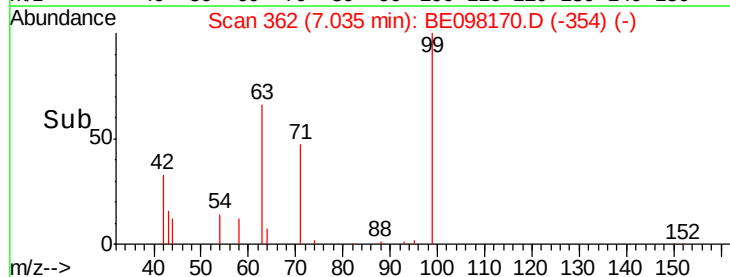
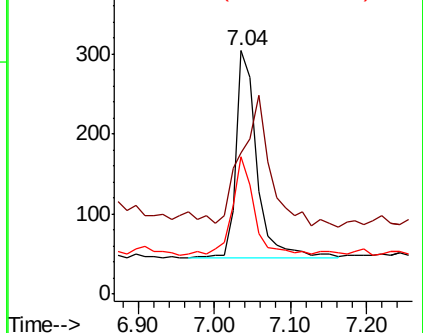
71 51.8 27.8 41.8#

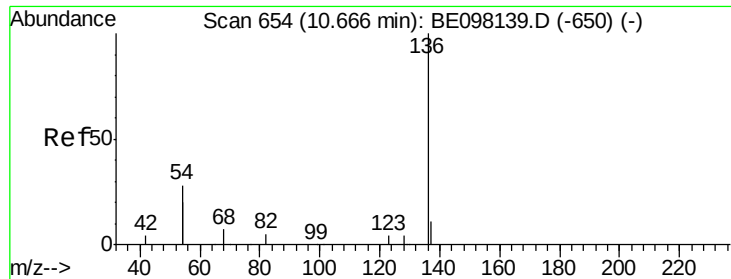


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098170.D

Acq: 7 Nov 2018 12:47

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4349

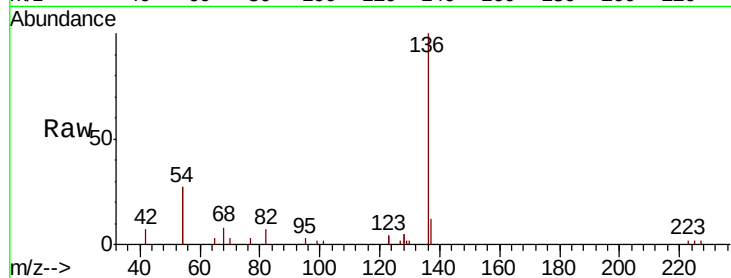
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 54.6 27.7 41.5#

68 8.3 5.3 7.9#

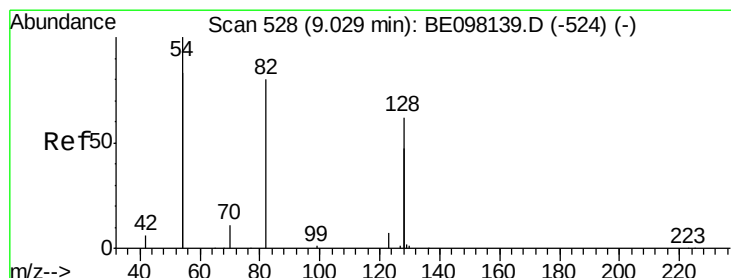
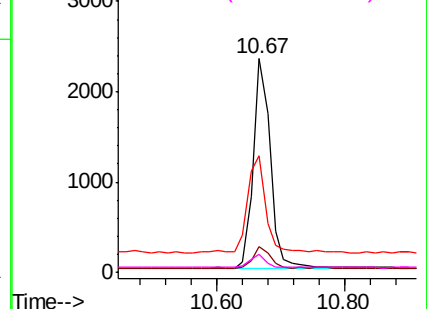
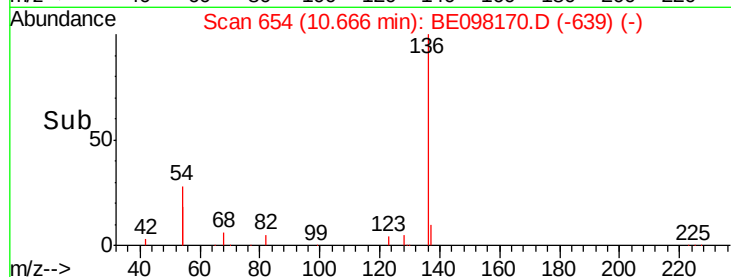


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.372 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE098170.D

Acq: 7 Nov 2018 12:47

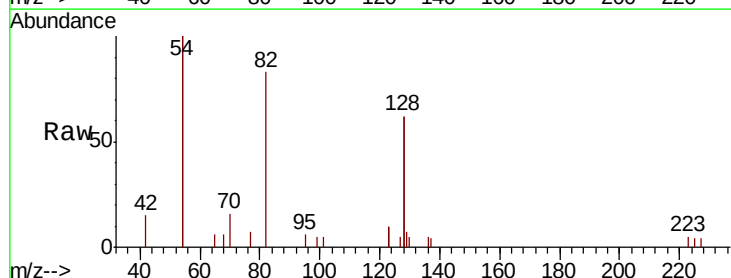
Tgt Ion: 82 Resp: 1735

Ion Ratio Lower Upper

82 100

128 151.1 129.9 194.9

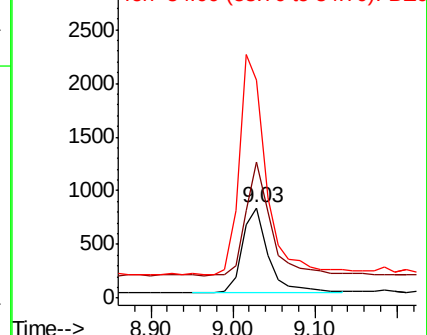
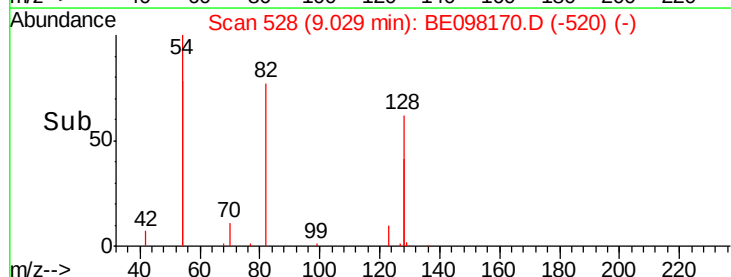
54 242.2 174.0 261.0

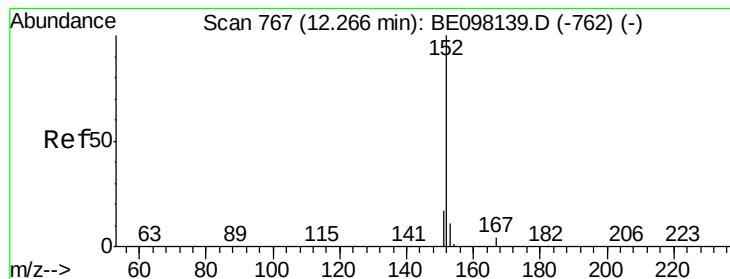


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.370 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098170.D

Acq: 7 Nov 2018 12:47

Instrument :

BNA_E

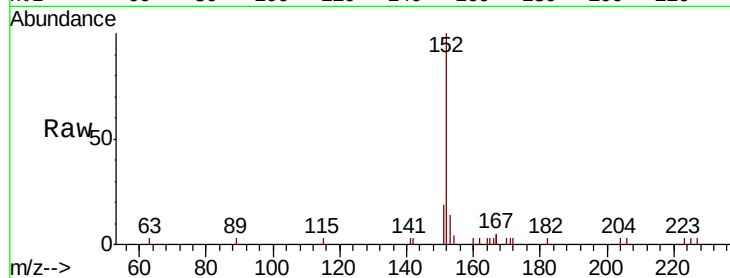
ClientSampleId :

Tot Ion:152 Resp: 2834

Ion Ratio Lower Upper

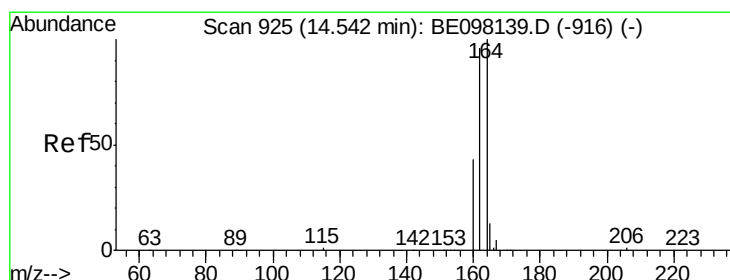
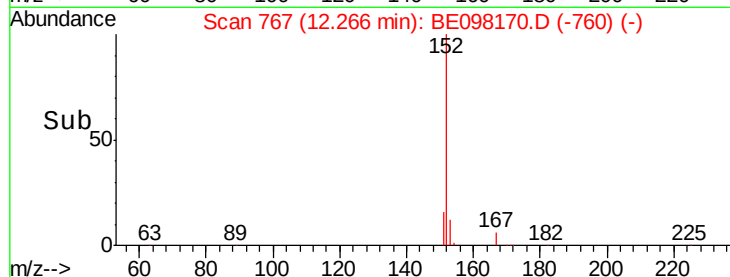
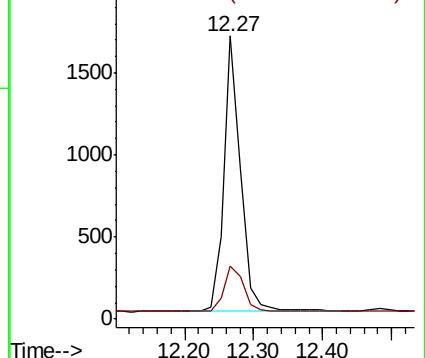
152 100

151 19.8 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. -0.01 min

Lab File: BE098170.D

Acq: 7 Nov 2018 12:47

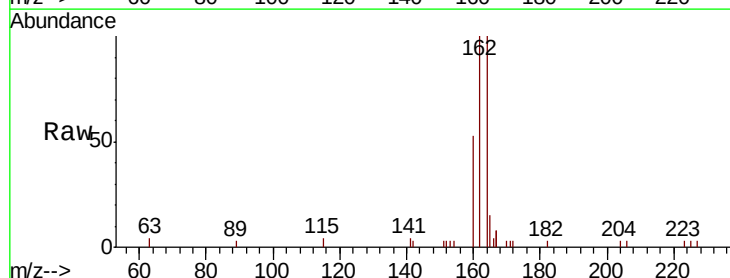
Tgt Ion:164 Resp: 2942

Ion Ratio Lower Upper

164 100

162 99.6 77.4 116.2

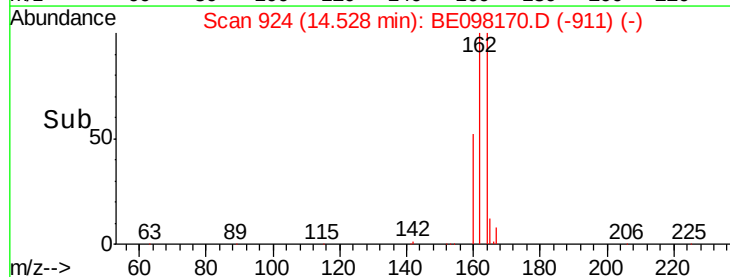
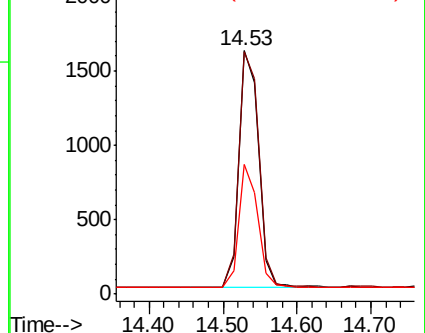
160 53.1 36.5 54.7

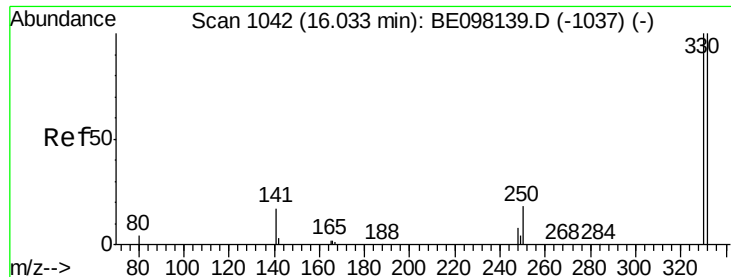


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

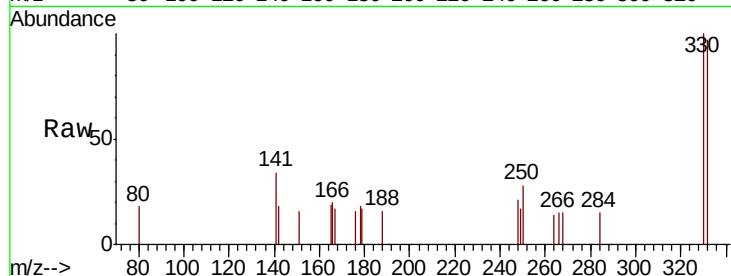




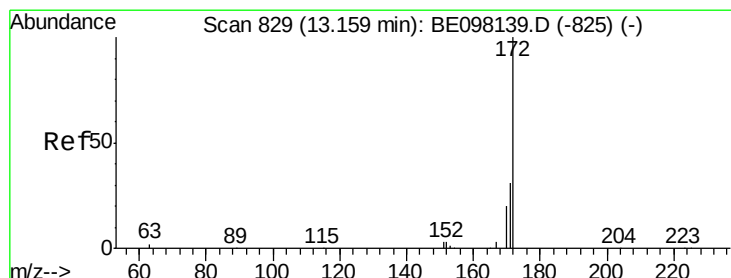
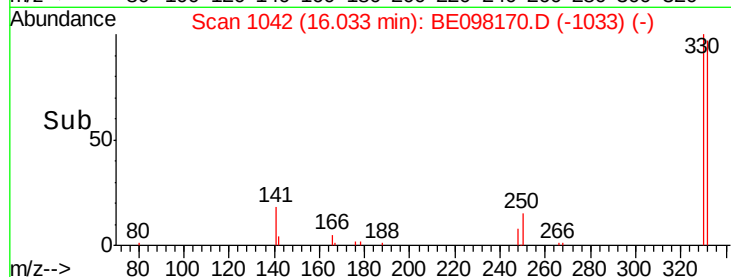
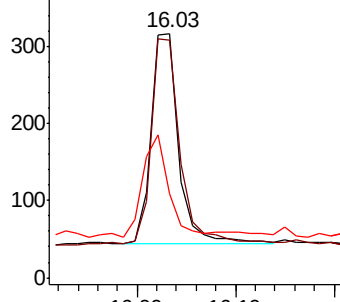
#14
 2,4,6-Tribromophenol
 Concen: 0.377 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BE098170.D
 Acq: 7 Nov 2018 12:47

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 525
 Ion Ratio Lower Upper
 330 100
 332 104.0 76.5 114.7
 141 42.3 31.8 47.6

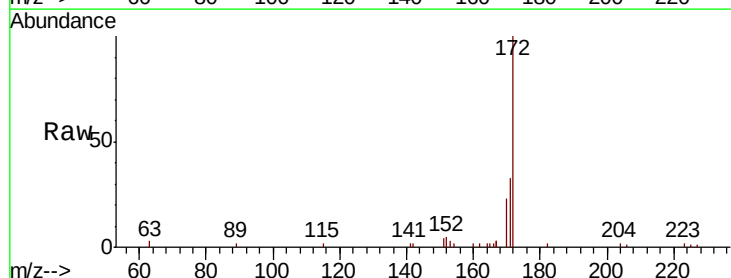


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

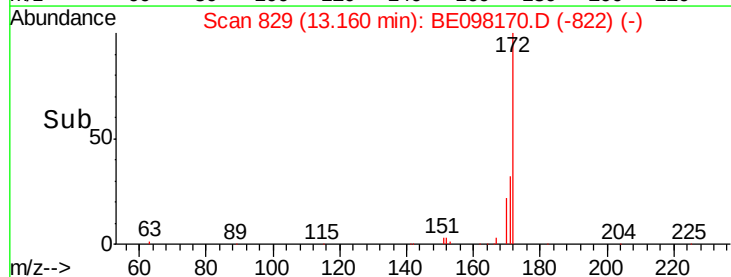
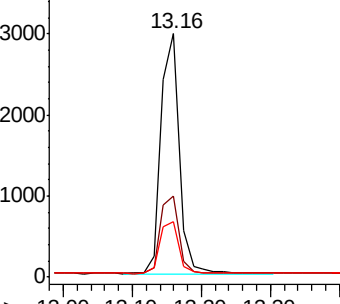


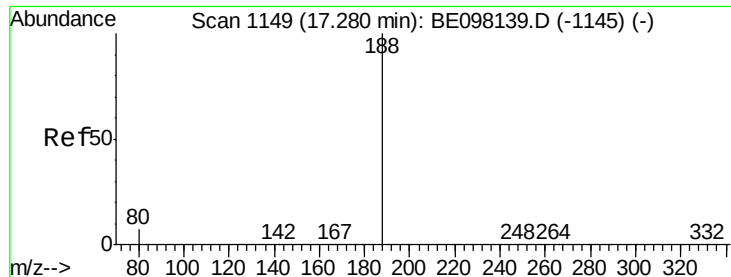
#15
 2-Fluorobiphenyl
 Concen: 0.453 ng
 RT: 13.16 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BE098170.D
 Acq: 7 Nov 2018 12:47

Tgt Ion:172 Resp: 5485
 Ion Ratio Lower Upper
 172 100
 171 33.2 26.0 39.0
 170 22.9 18.0 27.0



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: BE098170.D

Acq: 7 Nov 2018 12:47

Instrument :

BNA_E

ClientSampleId :

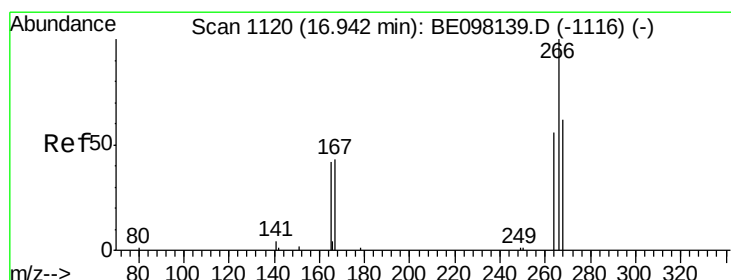
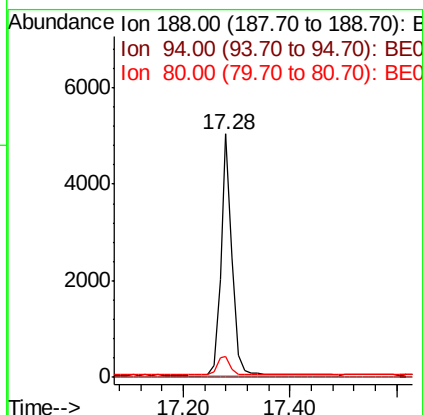
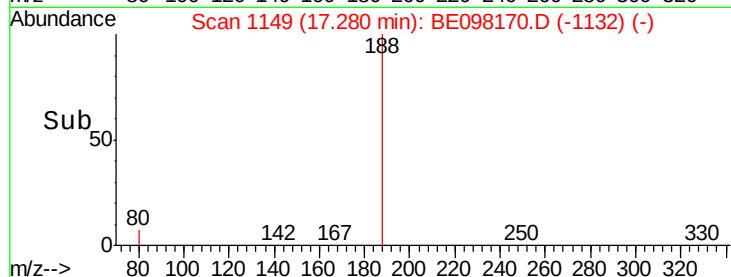
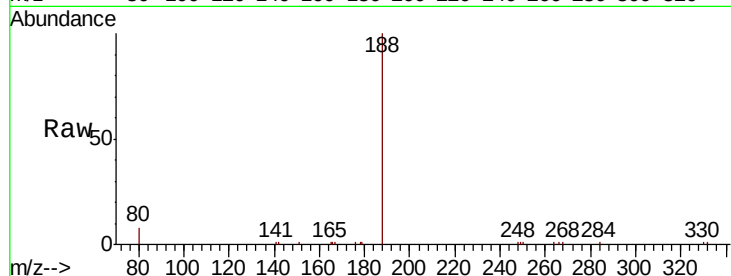
Tot Ion:188 Resp: 7235

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.3 6.3 9.5



#22

Pentachlorophenol

Concen: 0.160 ng

RT: 16.95 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE098170.D

Acq: 7 Nov 2018 12:47

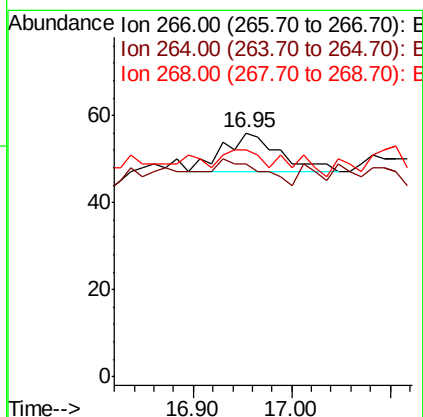
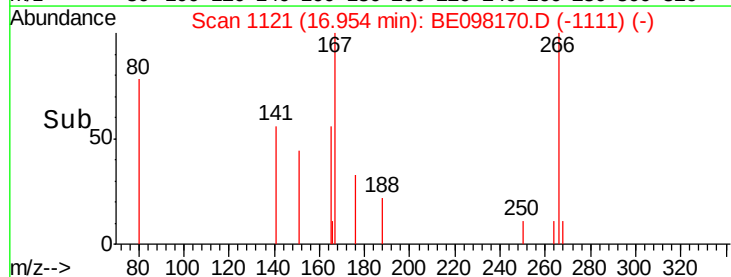
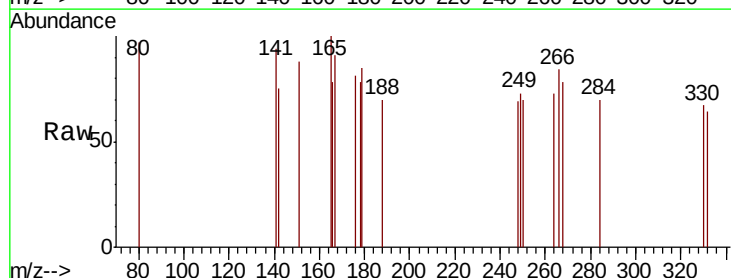
Tgt Ion:266 Resp: 36

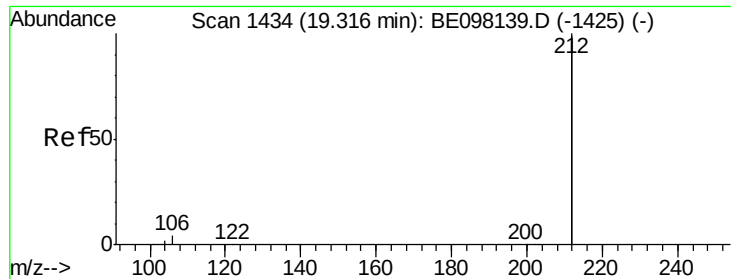
Ion Ratio Lower Upper

266 100

264 87.5 51.3 76.9#

268 92.9 50.1 75.1#





#25

Fluoranthene-d10

Concen: 0.382 ng

RT: 19.32 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BE098170.D

Acq: 7 Nov 2018 12:47

Instrument :

BNA_E

ClientSampleId :

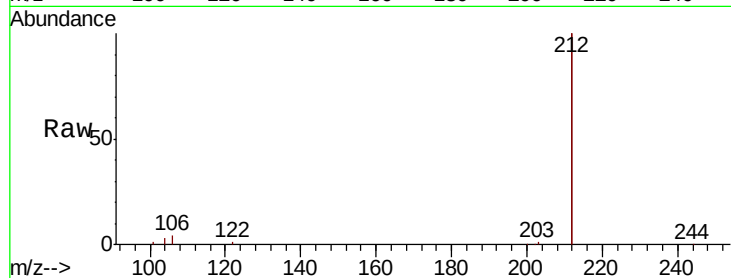
Tot Ion:212 Resp: 35629

Ion Ratio Lower Upper

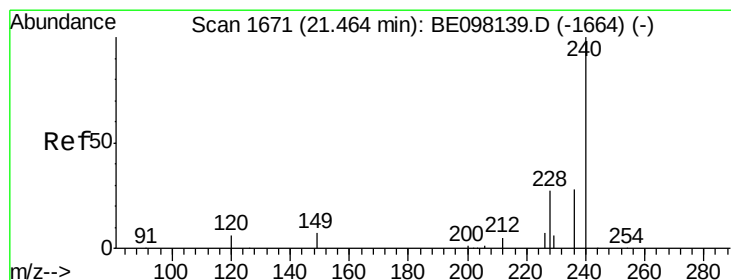
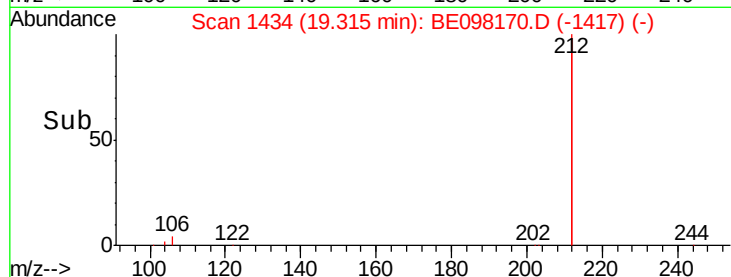
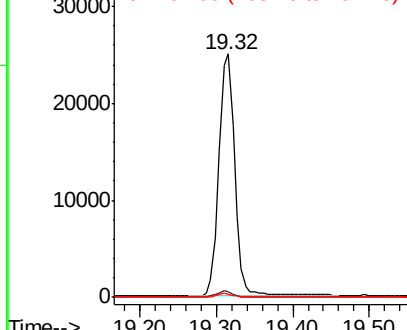
212 100

106 2.2 2.3 3.5#

104 1.3 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: BE098170.D

Acq: 7 Nov 2018 12:47

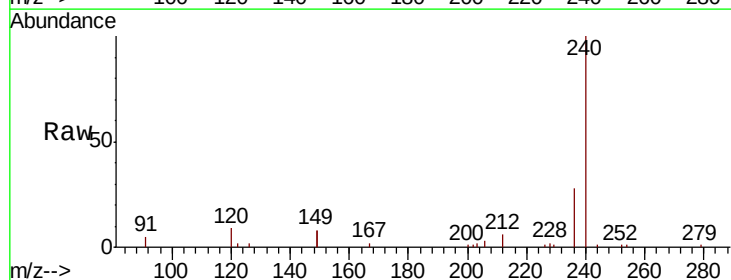
Tgt Ion:240 Resp: 8085

Ion Ratio Lower Upper

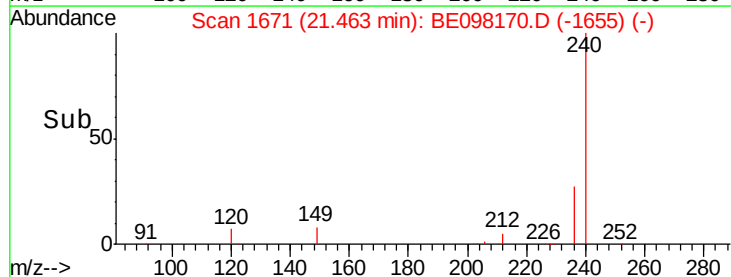
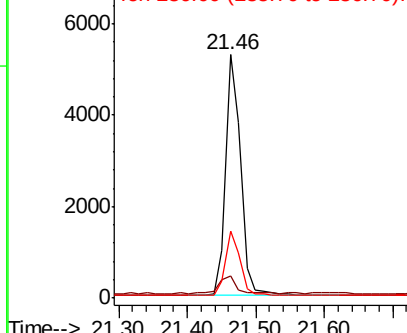
240 100

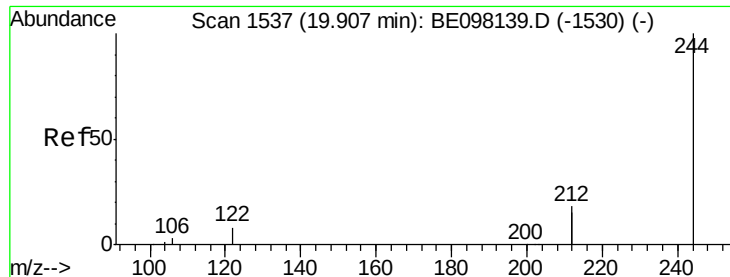
120 9.1 7.1 10.7

236 27.6 21.3 31.9



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: 1.009 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098170.D

Acq: 7 Nov 2018 12:47

Instrument :

BNA_E

ClientSampleId :

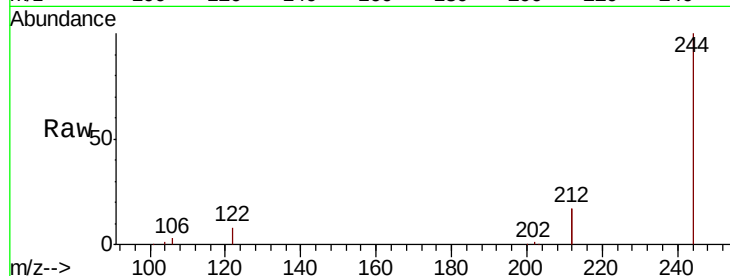
Tot Ion:244 Resp: 18973

Ion Ratio Lower Upper

244 100

212 33.8 26.2 39.2

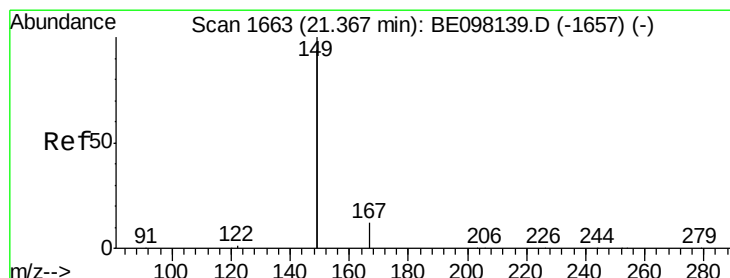
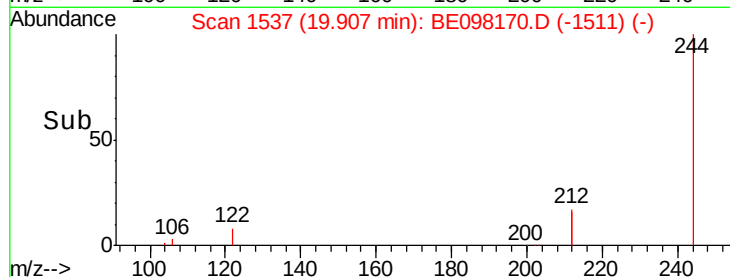
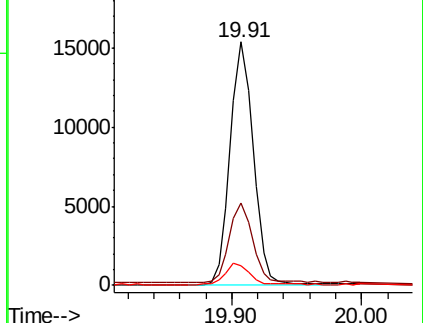
122 8.1 7.7 11.5



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: Below Cal

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098170.D

Acq: 7 Nov 2018 12:47

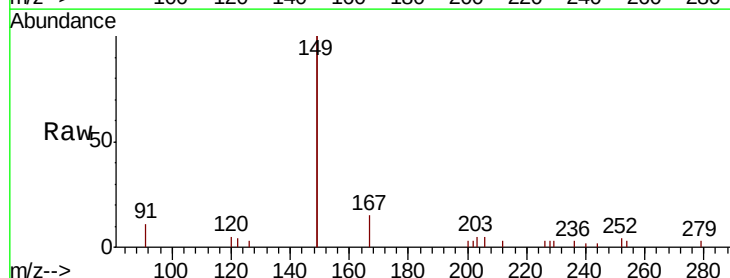
Tgt Ion:149 Resp: 5033

Ion Ratio Lower Upper

149 100

167 7.2 5.6 8.4

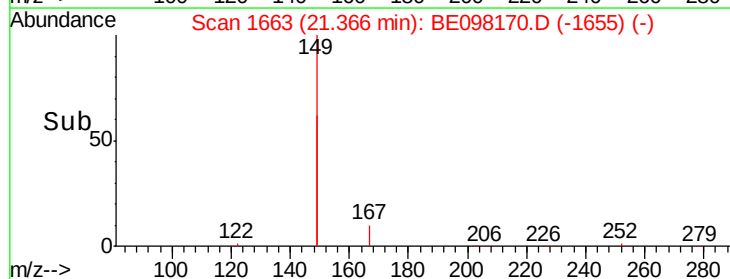
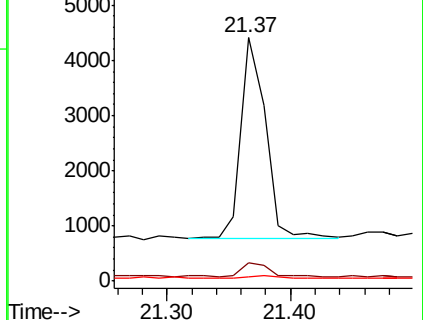
279 1.4 0.9 1.3#

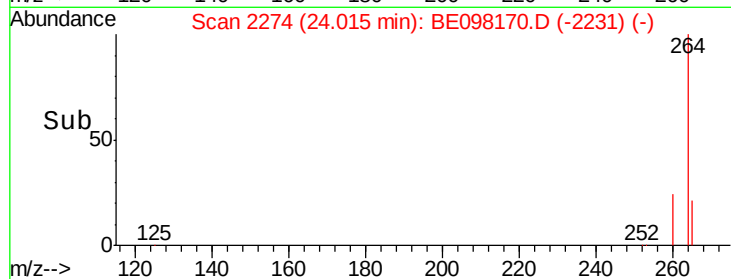
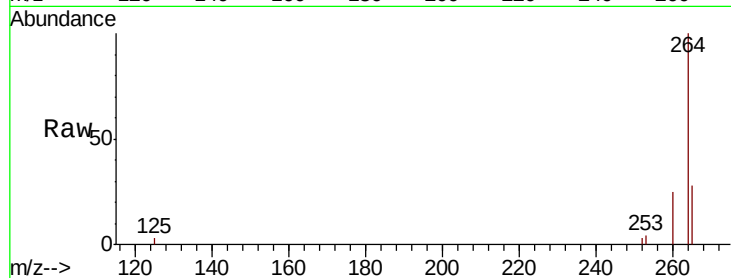
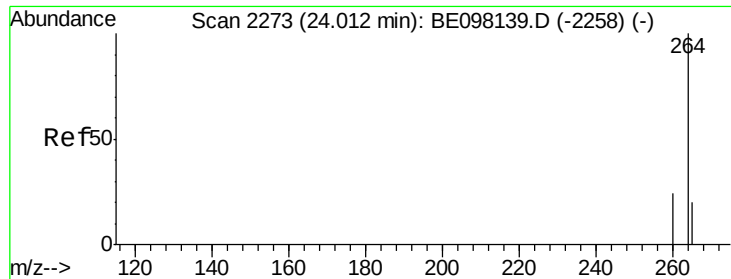


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.02 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: BE098170.D
 Acq: 7 Nov 2018 12:47

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 264 Resp: 7616
 Ion Ratio Lower Upper
 264 100
 260 25.4 21.1 31.7
 265 28.4 29.2 43.8#

