

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110518\
 Data File : BE098154.D
 Acq On : 5 Nov 2018 10:25
 Operator : SJ/JU
 Sample : PB114428BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 05 10:58:24 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

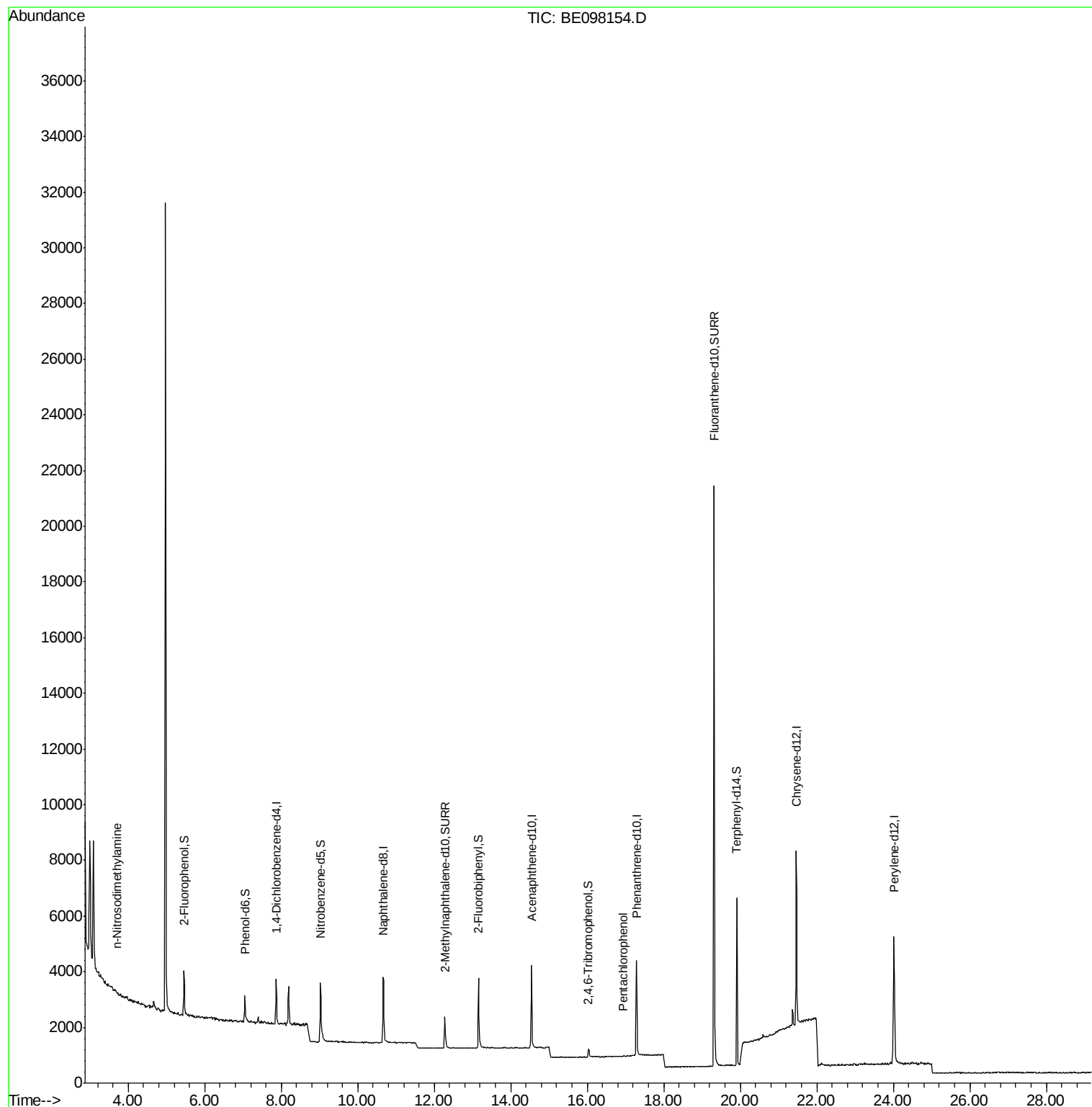
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	747	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	3196	0.40	ng	0.01
13) Acenaphthene-d10	14.54	164	2081	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	5904	0.40	ng	0.01
27) Chrysene-d12	21.46	240	7232	0.40	ng	0.00
34) Perylene-d12	24.02	264	7102	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	775	0.35	ng	0.00
5) Phenol-d6	7.06	99	1063	0.29	ng	0.00
8) Nitrobenzene-d5	9.03	82	1009	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	1836	0.33	ng	0.02
14) 2,4,6-Tribromophenol	16.03	330	218	0.22	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	2733	0.32	ng	0.00
25) Fluoranthene-d10	19.31	212	27659	0.36	ng	0.00
29) Terphenyl-d14	19.91	244	5581	0.33	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.70	42	77	0.052	ng	# 8
22) Pentachlorophenol	16.94	266	3	0.137	ng	# 57
32) Bis(2-ethylhexyl)phthalate	21.37	149	753	Below Cal		# 82

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

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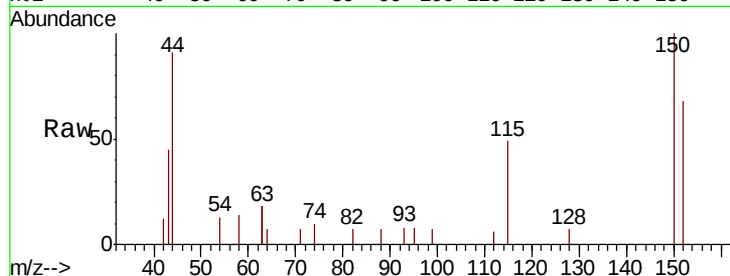


#1

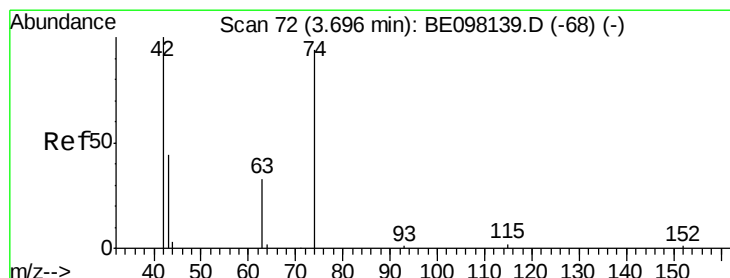
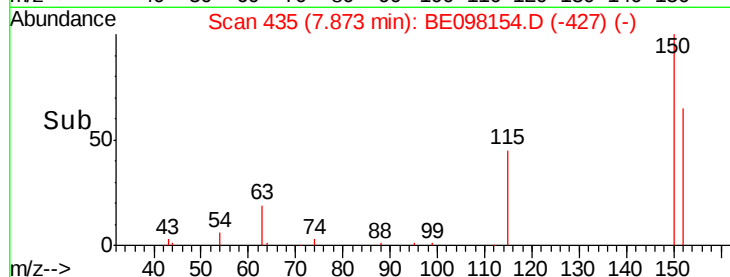
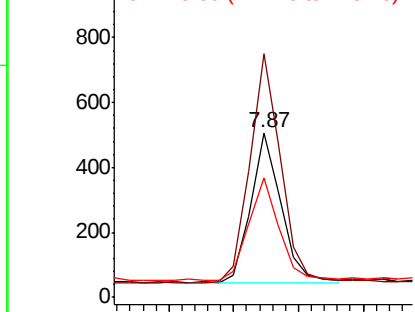
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE098154.D
Acq: 5 Nov 2018 10:25

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.9	118.2	177.4
115	72.4	50.9	76.3



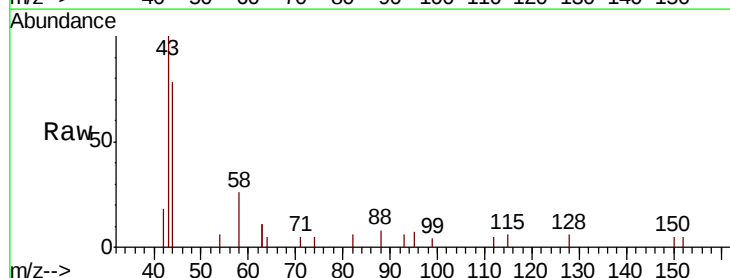
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



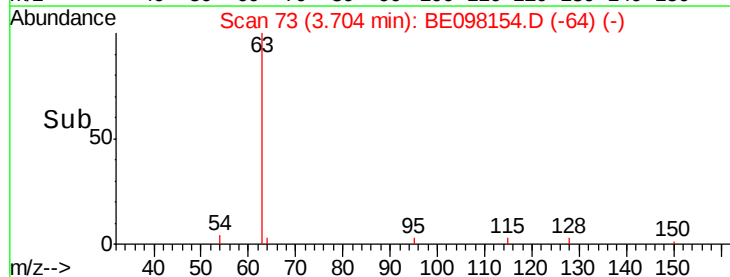
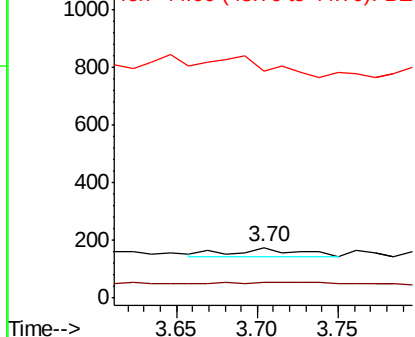
#3

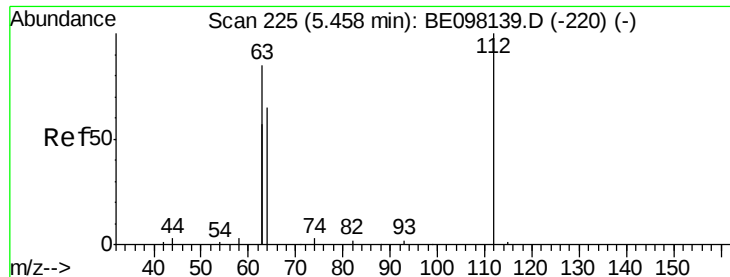
n-Nitrosodimethylamine
Concen: 0.052 ng
RT: 3.70 min Scan# 73
Delta R.T. 0.01 min
Lab File: BE098154.D
Acq: 5 Nov 2018 10:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	77.6	116.4#
44	0.0	7.6	11.4#



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: 0.350 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098154.D

Acq: 5 Nov 2018 10:25

Instrument :

BNA_E

ClientSampled :

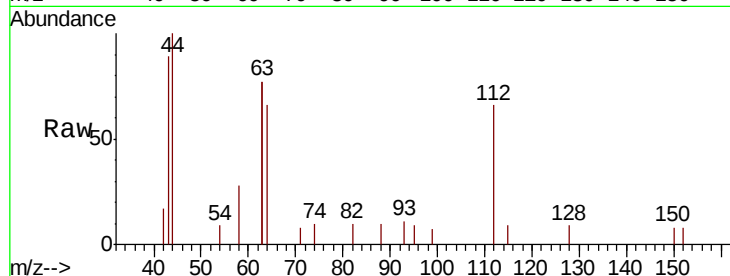
Tot Ion:112 Resp: 775

Ion Ratio Lower Upper

112 100

64 77.0 58.9 88.3

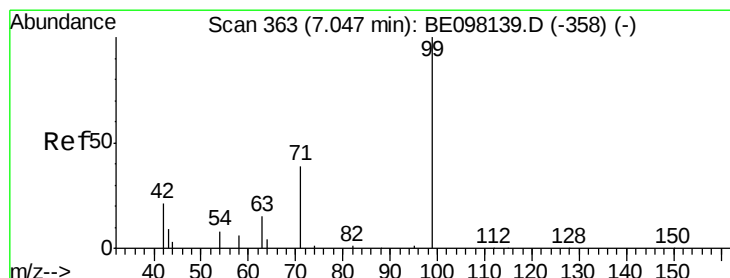
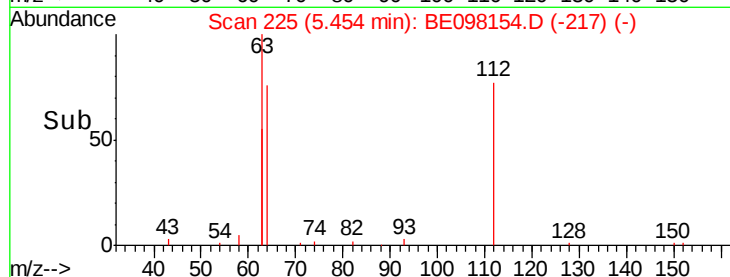
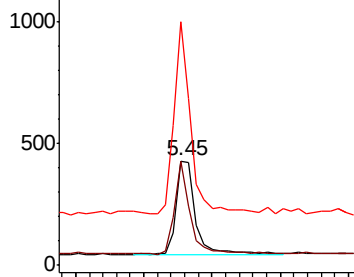
63 176.3 120.3 180.5



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: 0.291 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098154.D

Acq: 5 Nov 2018 10:25

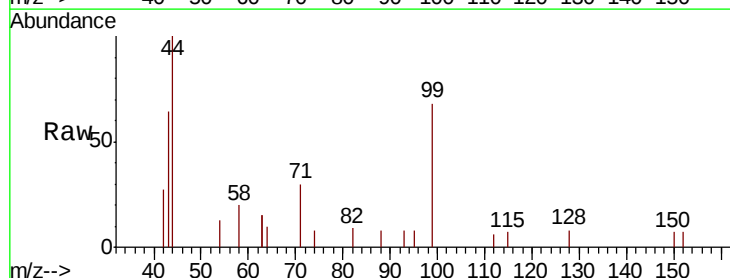
Tgt Ion: 99 Resp: 1063

Ion Ratio Lower Upper

99 100

42 35.0 19.9 29.9#

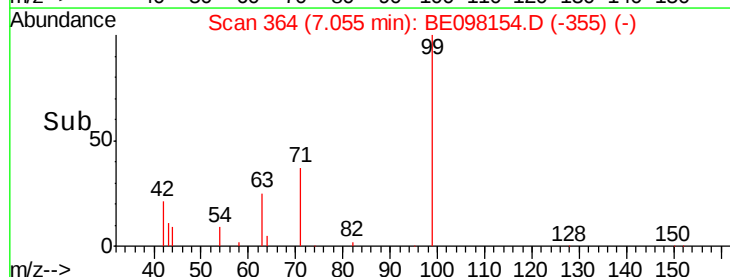
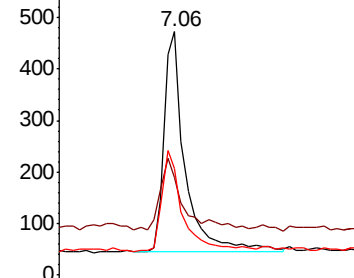
71 44.3 27.8 41.8#

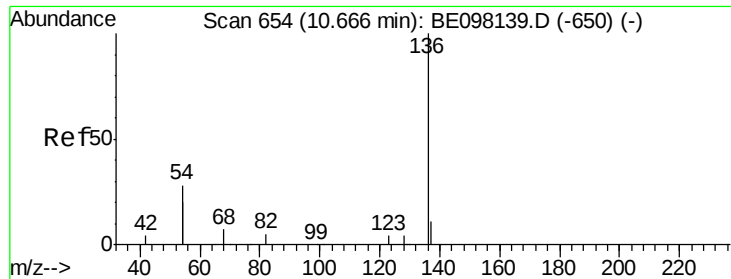


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.68 min Scan# 655

Delta R.T. 0.01 min

Lab File: BE098154.D

Acq: 5 Nov 2018 10:25

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 3196

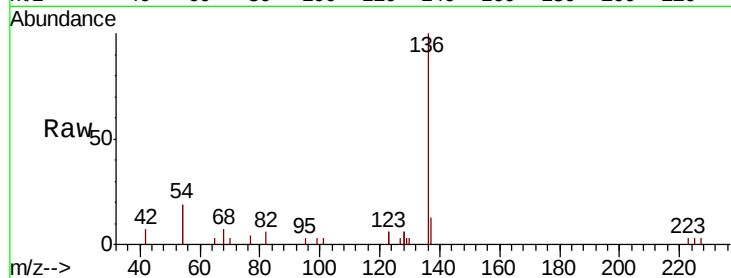
Ion Ratio Lower Upper

136 100

137 13.4 9.6 14.4

54 38.7 27.7 41.5

68 6.8 5.3 7.9

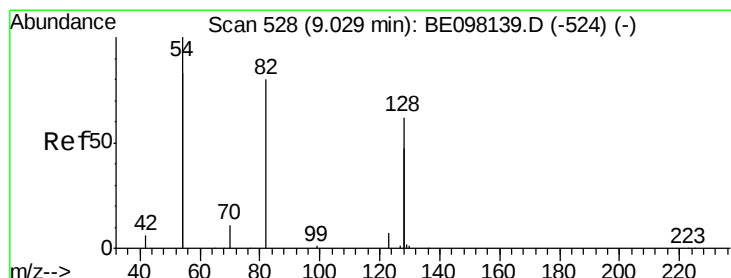
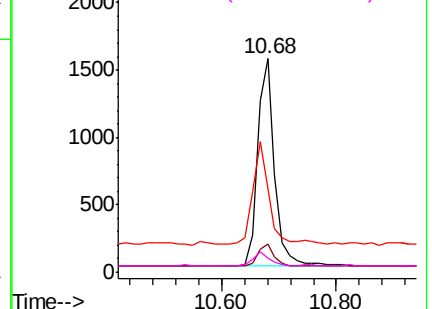
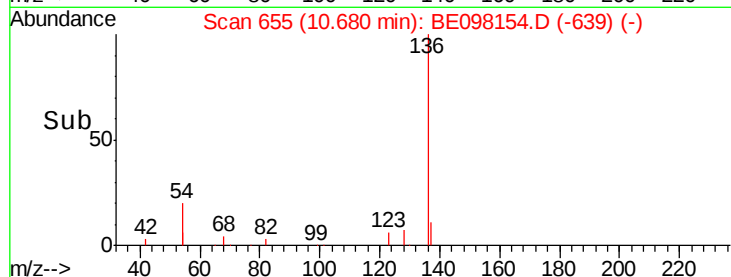


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.294 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE098154.D

Acq: 5 Nov 2018 10:25

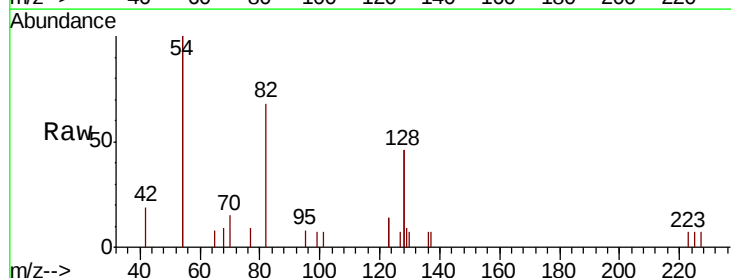
Tgt Ion: 82 Resp: 1009

Ion Ratio Lower Upper

82 100

128 136.8 129.9 194.9

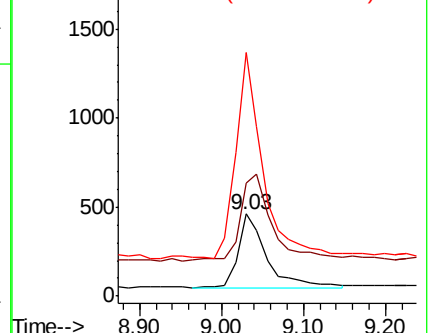
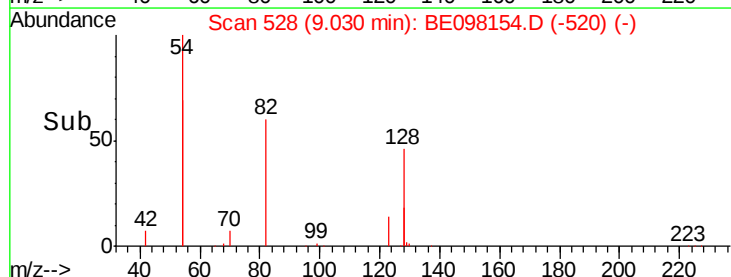
54 296.1 174.0 261.0#

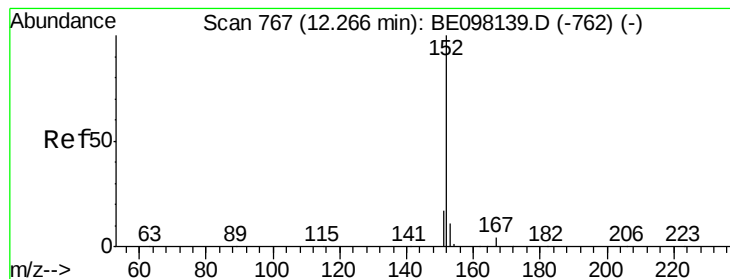


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.326 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.02 min

Lab File: BE098154.D

Acq: 5 Nov 2018 10:25

Instrument :

BNA_E

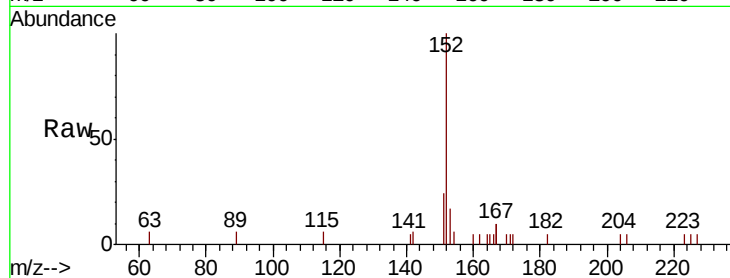
ClientSampleId :

Tot Ion:152 Resp: 1836

Ion Ratio Lower Upper

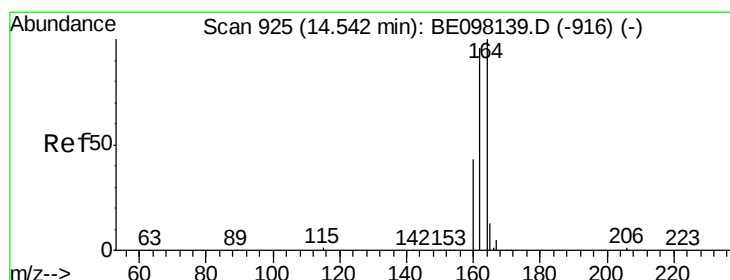
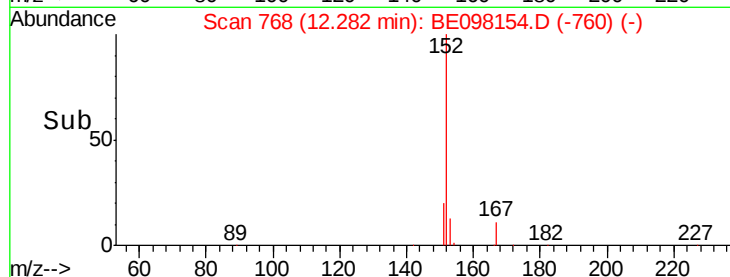
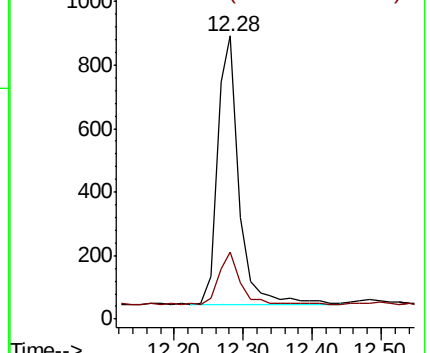
152 100

151 19.0 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: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE098154.D

Acq: 5 Nov 2018 10:25

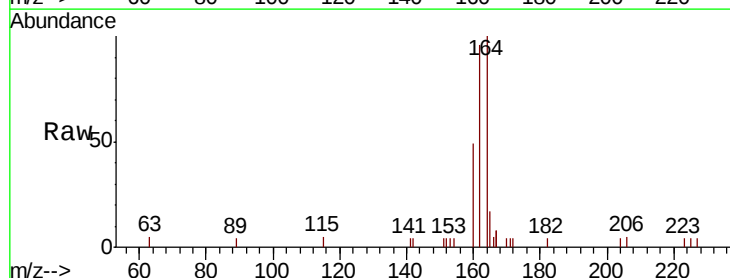
Tgt Ion:164 Resp: 2081

Ion Ratio Lower Upper

164 100

162 96.3 77.4 116.2

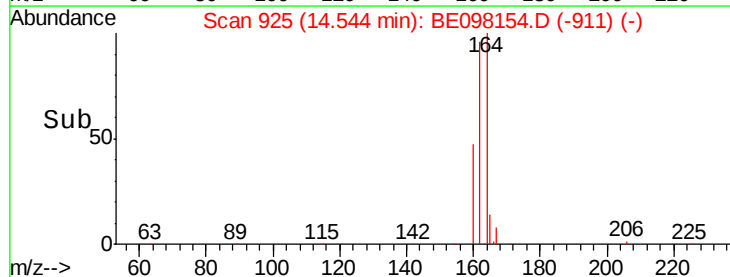
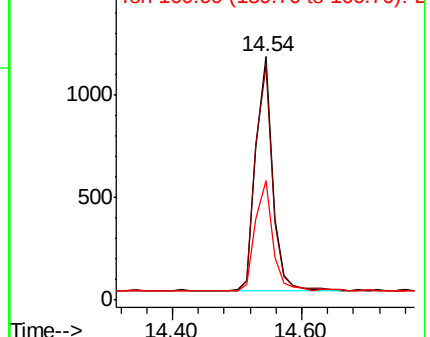
160 48.8 36.5 54.7

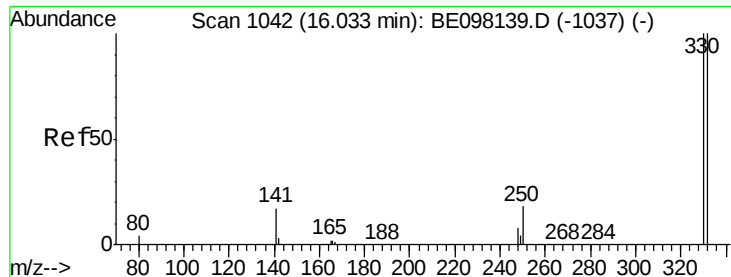


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.221 ng

RT: 16.03 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BE098154.D

Acq: 5 Nov 2018 10:25

Instrument :

BNA_E

ClientSampleId :

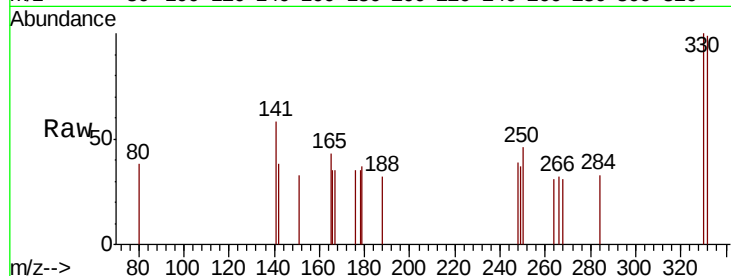
Tot Ion:330 Resp: 218

Ion Ratio Lower Upper

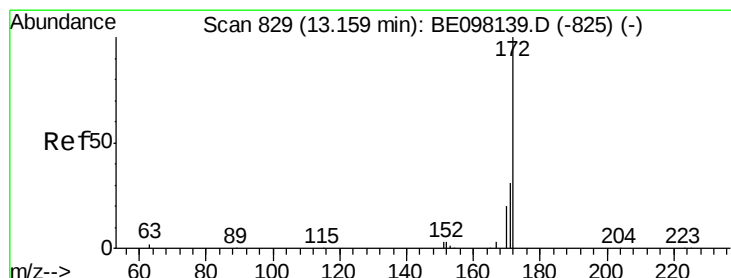
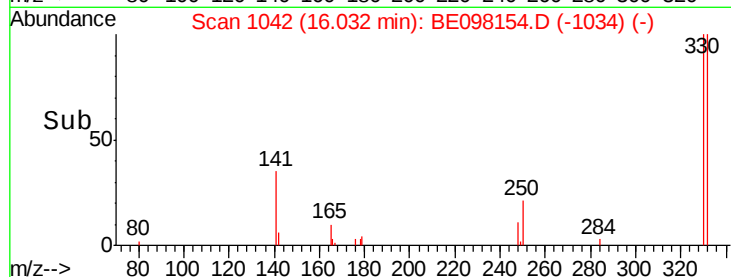
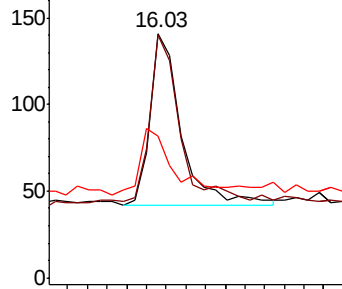
330 100

332 95.4 76.5 114.7

141 41.3 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: 0.319 ng

RT: 13.16 min Scan# 829

Delta R.T. 0.00 min

Lab File: BE098154.D

Acq: 5 Nov 2018 10:25

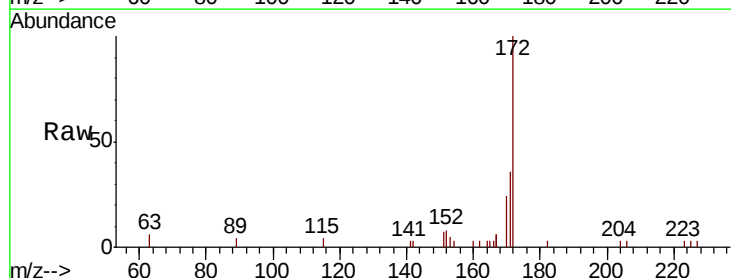
Tgt Ion:172 Resp: 2733

Ion Ratio Lower Upper

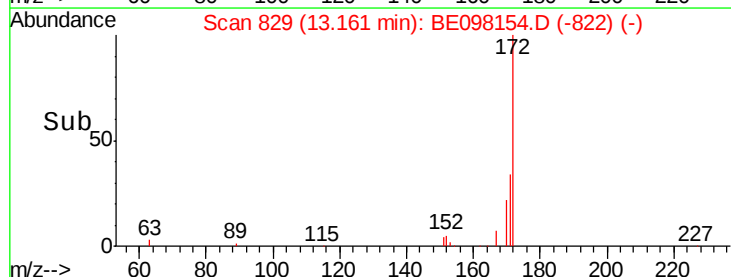
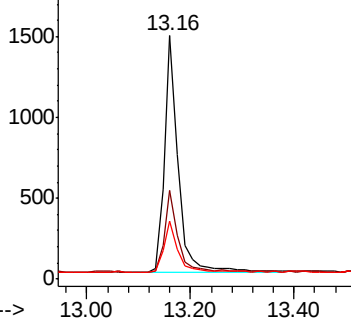
172 100

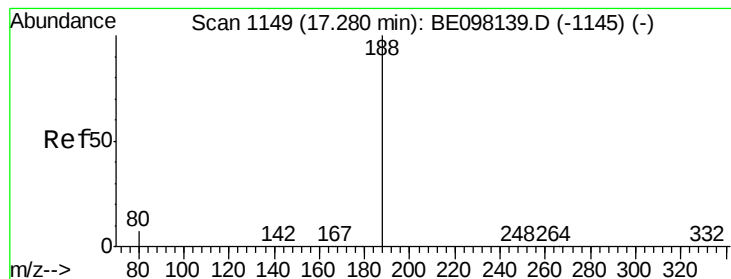
171 36.3 26.0 39.0

170 24.0 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: 17.29 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BE098154.D

Acq: 5 Nov 2018 10:25

Instrument :

BNA_E

ClientSampleId :

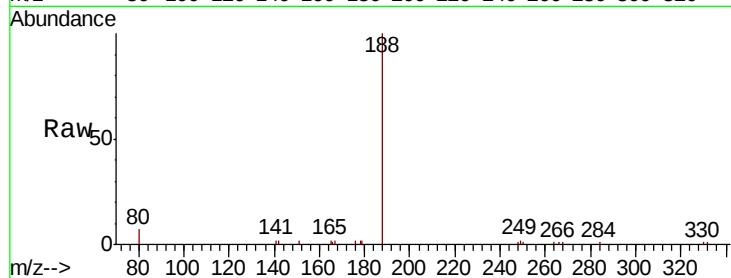
Tot Ion:188 Resp: 5904

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

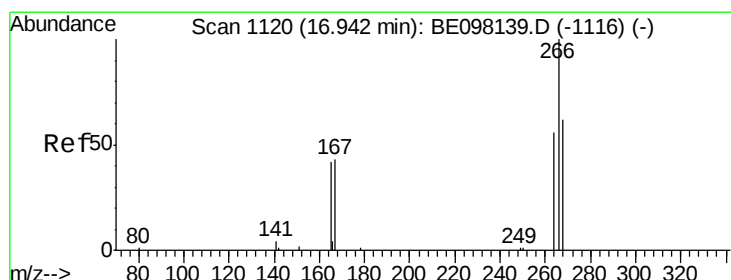
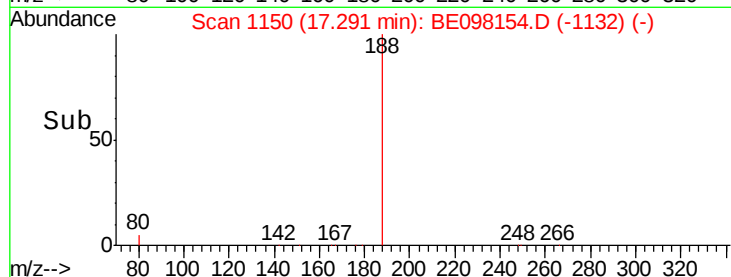
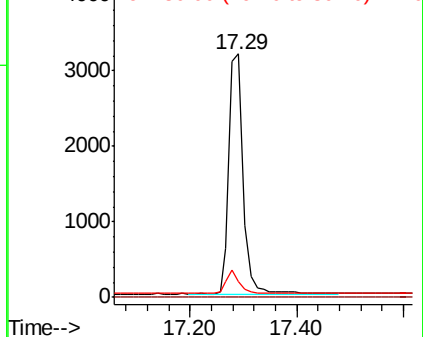
80 6.6 6.3 9.5



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: 0.137 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098154.D

Acq: 5 Nov 2018 10:25

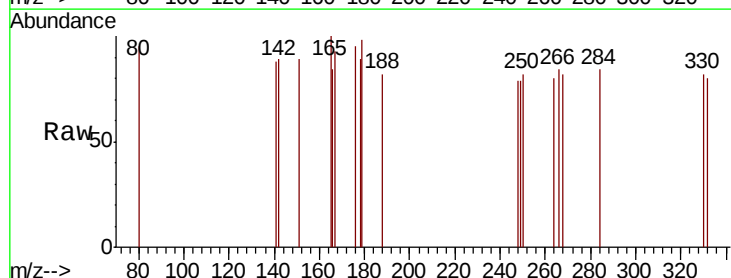
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 95.7 51.3 76.9#

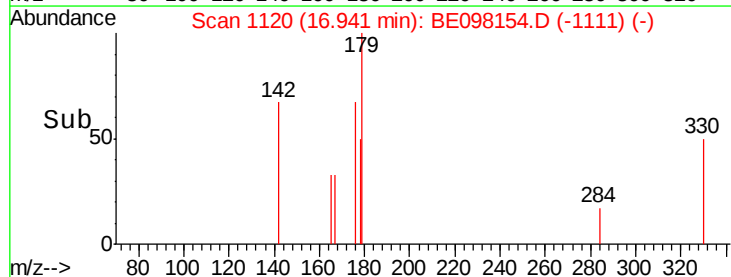
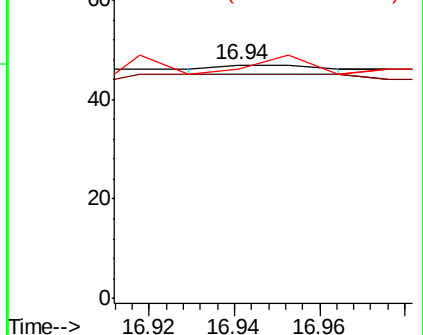
268 97.9 50.1 75.1#

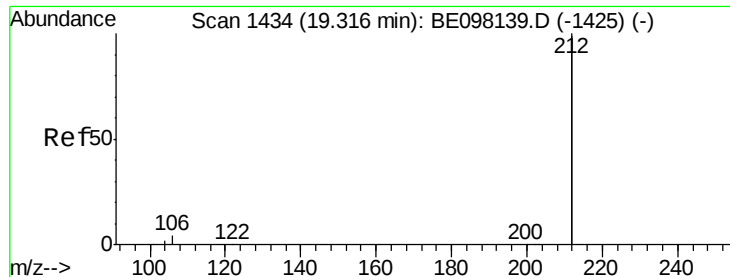


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.363 ng

RT: 19.31 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BE098154.D

Acq: 5 Nov 2018 10:25

Instrument :

BNA_E

ClientSampleId :

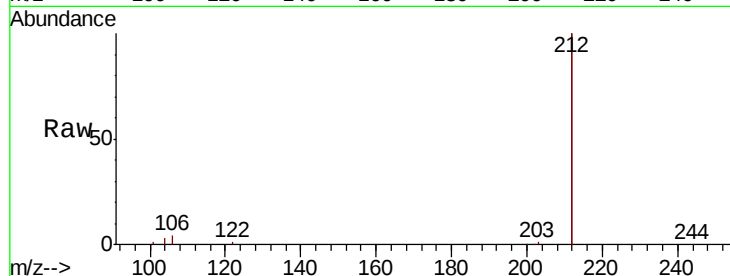
Tot Ion:212 Resp: 27659

Ion Ratio Lower Upper

212 100

106 2.2 2.3 3.5#

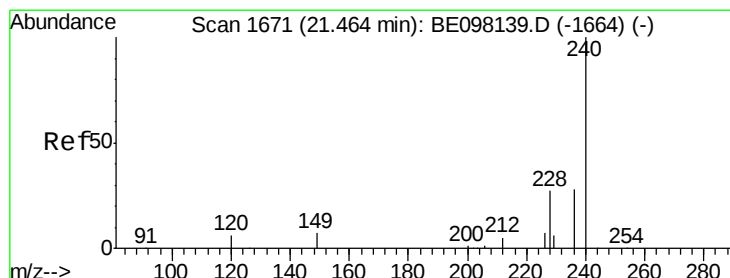
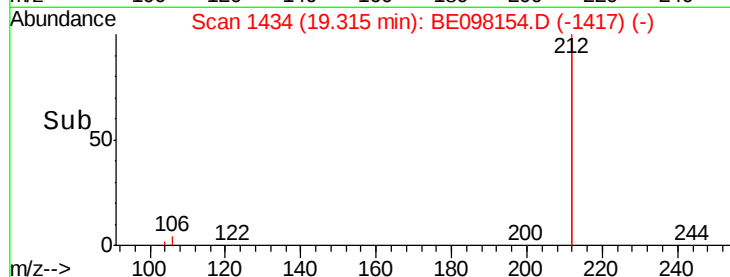
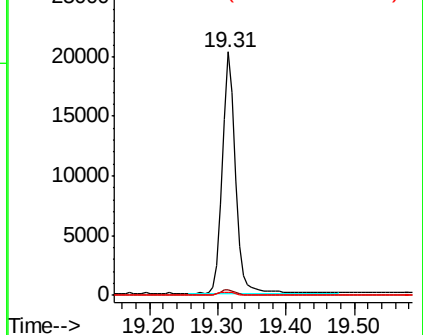
104 1.2 1.3 1.9#



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: BE098154.D

Acq: 5 Nov 2018 10:25

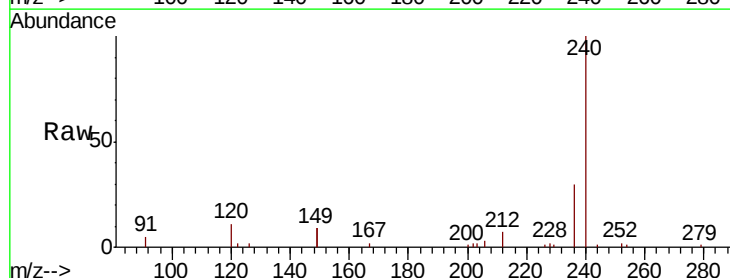
Tgt Ion:240 Resp: 7232

Ion Ratio Lower Upper

240 100

120 10.9 7.1 10.7#

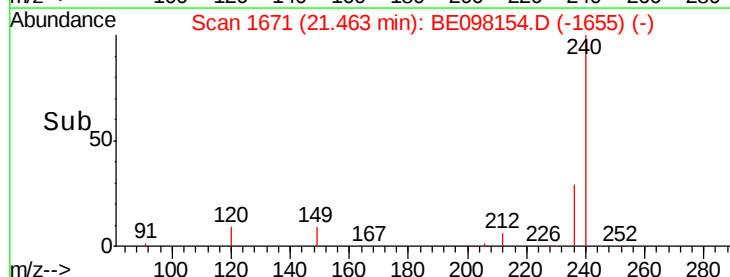
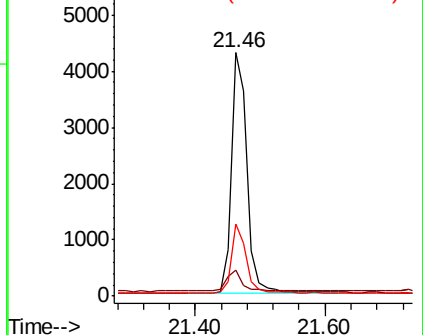
236 29.5 21.3 31.9

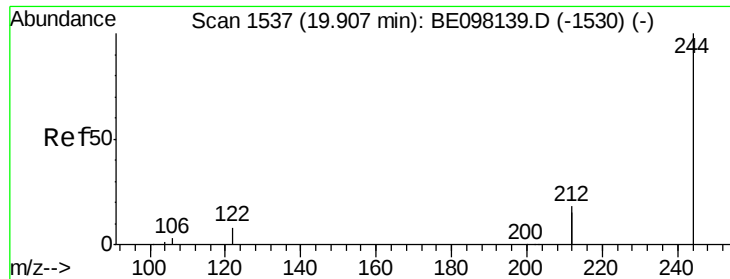


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.332 ng

RT: 19.91 min Scan# 1538

Delta R.T. 0.01 min

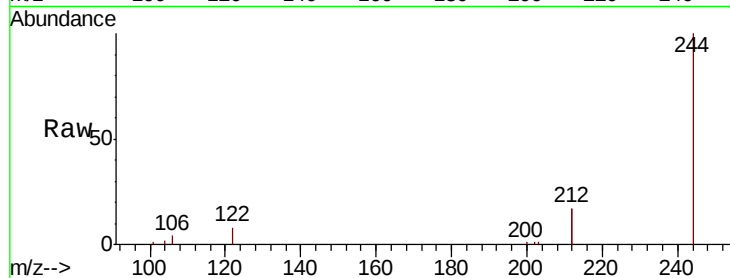
Lab File: BE098154.D

Acq: 5 Nov 2018 10:25

Instrument :

BNA_E

ClientSampled :



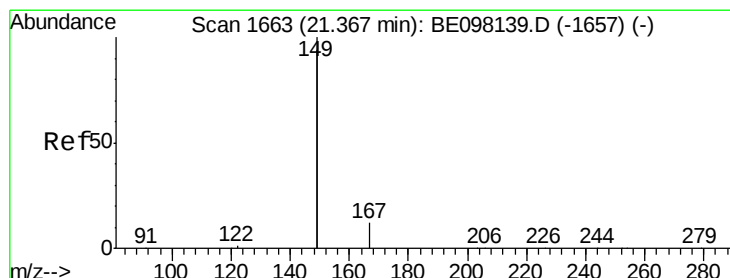
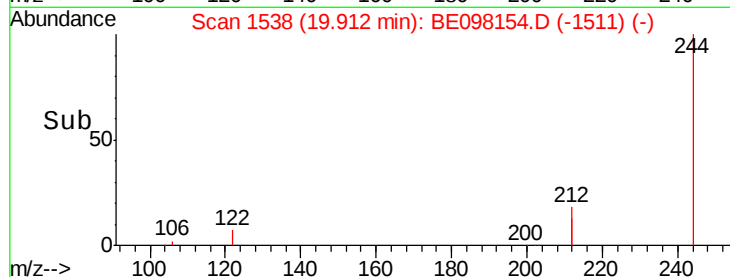
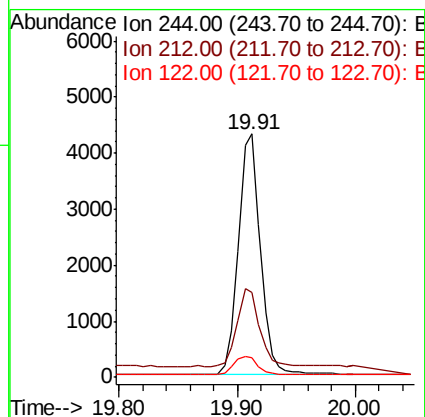
Tot Ion:244 Resp: 5581

Ion Ratio Lower Upper

244 100

212 34.7 26.2 39.2

122 7.8 7.7 11.5



#32

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098154.D

Acq: 5 Nov 2018 10:25

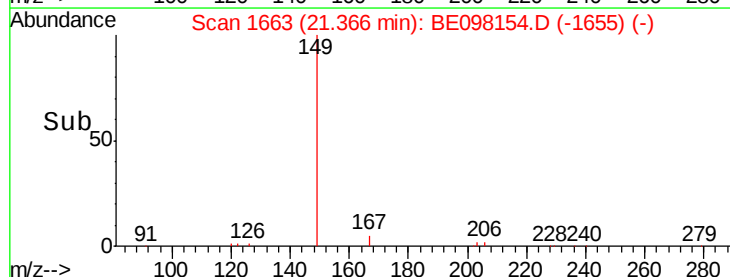
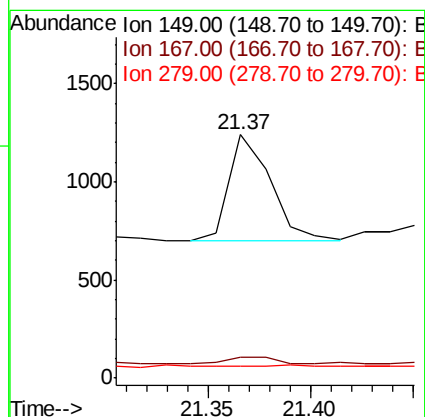
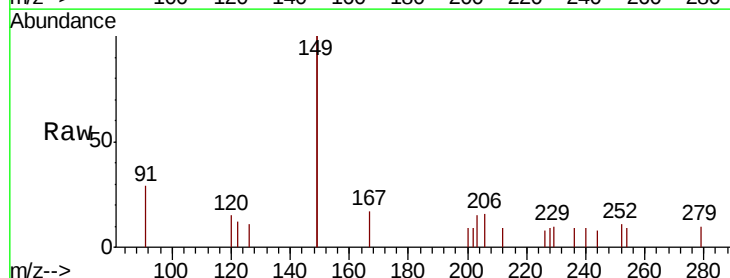
Tgt Ion:149 Resp: 753

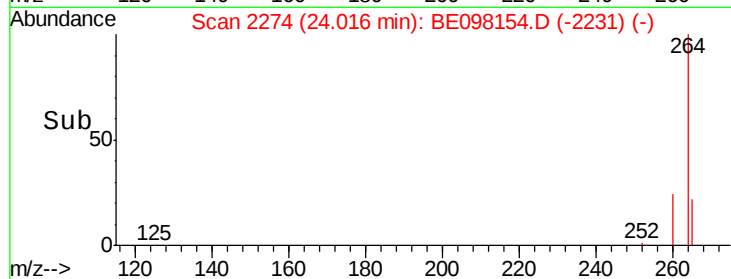
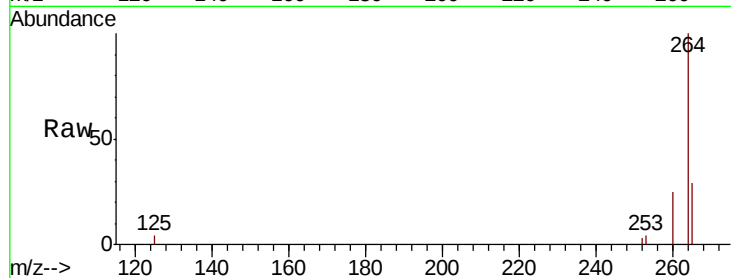
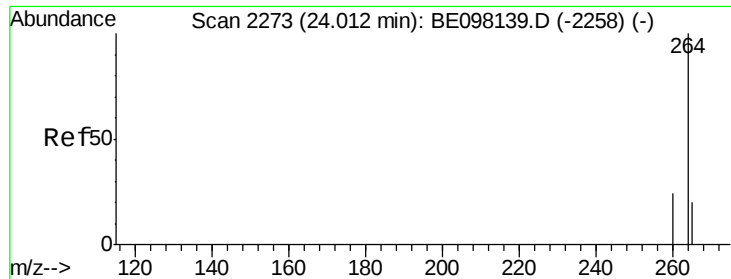
Ion Ratio Lower Upper

149 100

167 0.0 5.6 8.4#

279 0.0 0.9 1.3#





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: BE098154.D
 Acq: 5 Nov 2018 10:25

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 264 Resp: 7102
 Ion Ratio Lower Upper
 264 100
 260 25.1 21.1 31.7
 265 29.3 29.2 43.8

