

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
 Data File : BE098344.D
 Acq On : 11 Dec 2018 22:02
 Operator : SJ/JU
 Sample : J6288-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 12 17:24:47 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

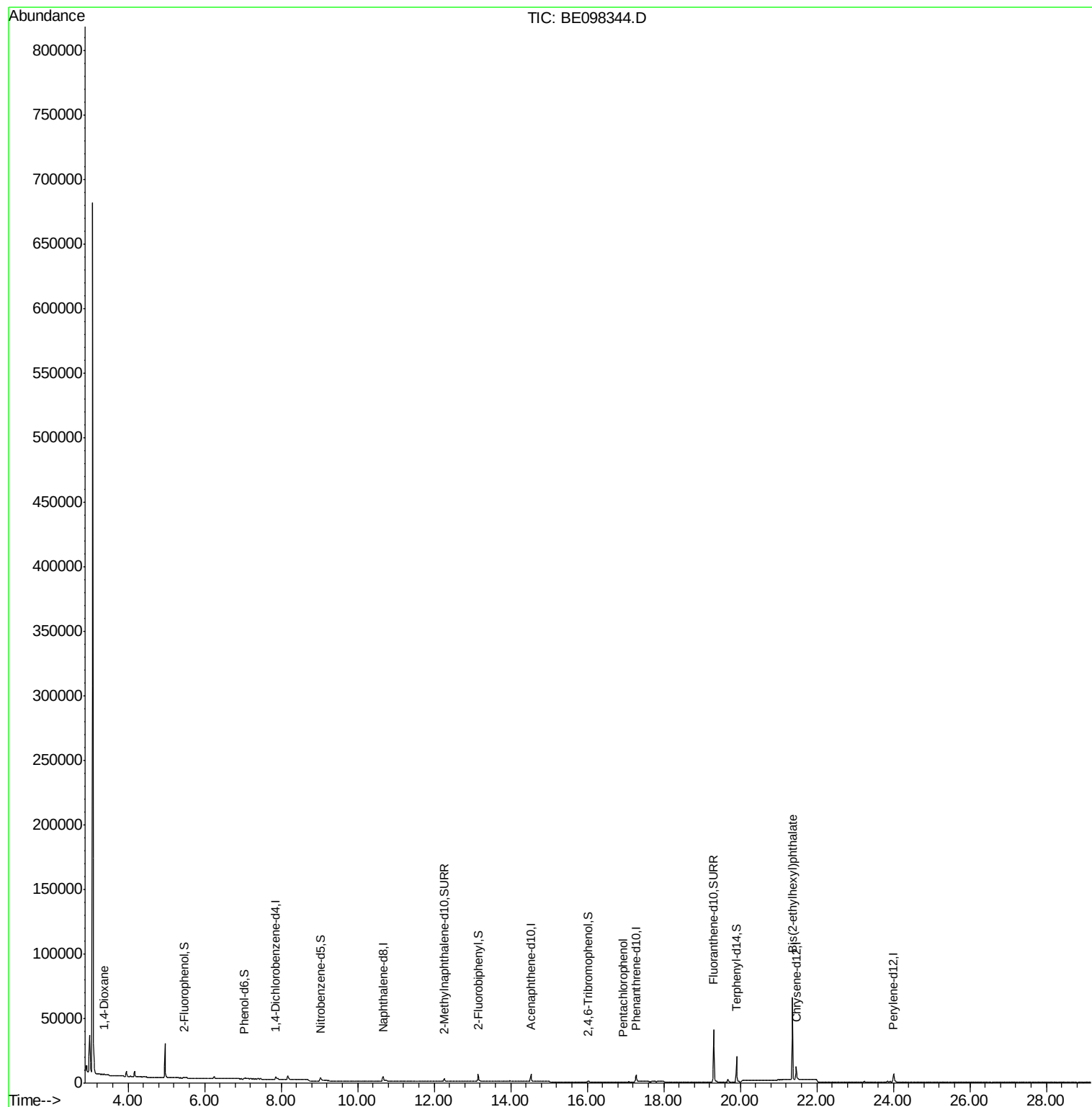
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1307	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5436	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3618	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9034	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11521	0.40	ng	0.00
34) Perylene-d12	24.00	264	10988	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	600	0.20	ng	0.01
5) Phenol-d6	7.04	99	444	0.10	ng	-0.01
8) Nitrobenzene-d5	9.03	82	2107	0.43	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3897	0.44	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	641	0.48	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7152	0.47	ng	0.00
25) Fluoranthene-d10	19.31	212	60129	0.52	ng	0.00
29) Terphenyl-d14	19.90	244	18783	0.67	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	406	0.180	ng	# 4
22) Pentachlorophenol	16.93	266	7	0.025	ng	# 70
32) Bis(2-ethylhexyl)phthalate	21.37	149	72236	1.084	ng	99

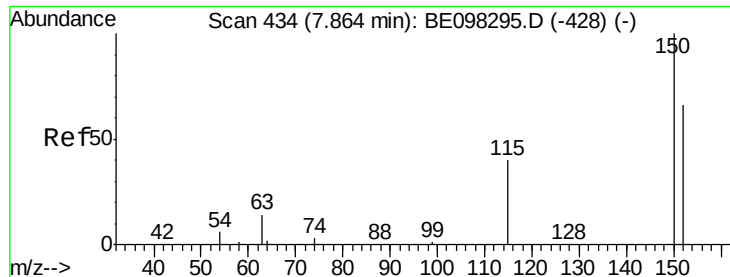
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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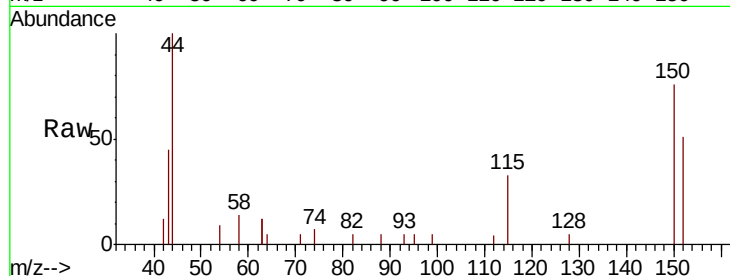


#1

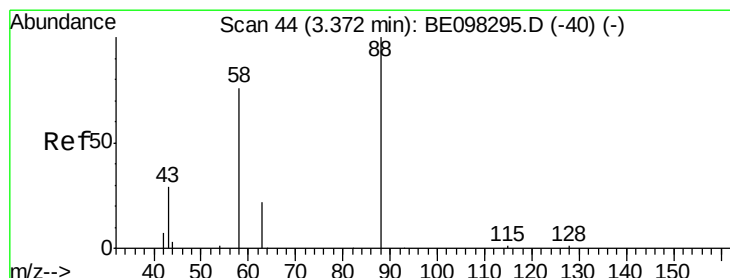
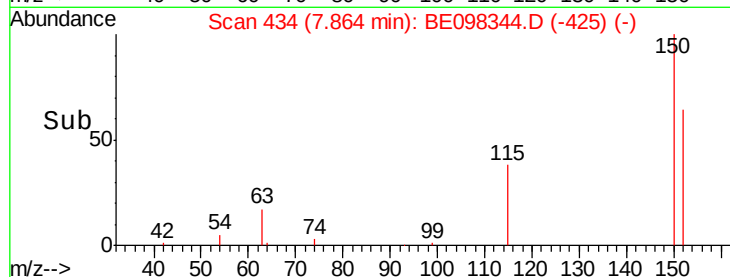
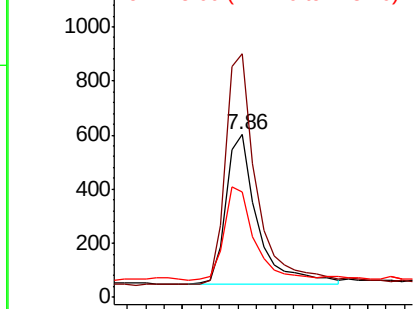
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098344.D
Acq: 11 Dec 2018 22:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1307
Ion Ratio Lower Upper
152 100
150 149.8 124.2 186.4
115 65.1 53.9 80.9



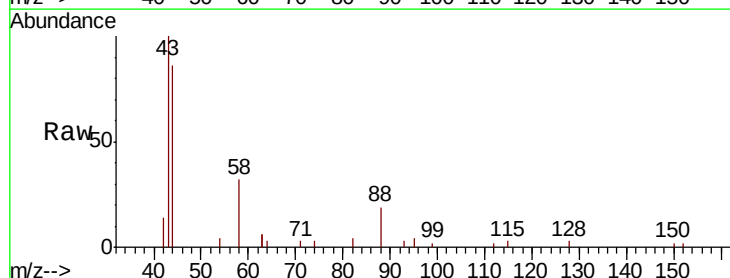
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



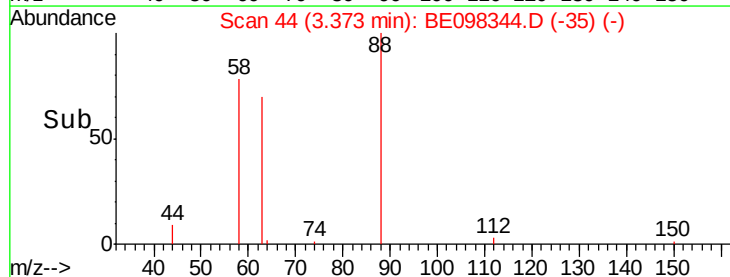
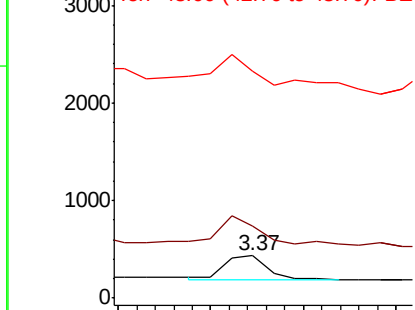
#2

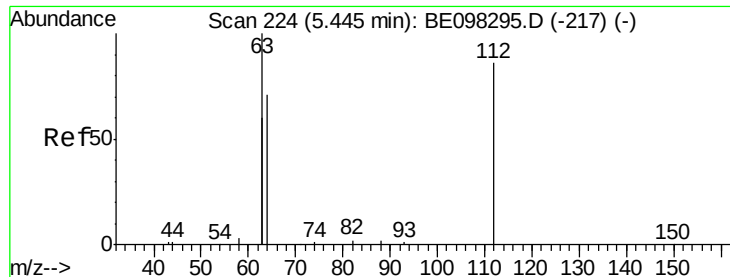
1,4-Dioxane
Concen: 0.180 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098344.D
Acq: 11 Dec 2018 22:02

Tgt Ion: 88 Resp: 406
Ion Ratio Lower Upper
88 100
58 137.2 75.0 112.6#
43 180.8 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





#4

2-Fluorophenol

Concen: 0.196 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098344.D

Acq: 11 Dec 2018 22:02

Instrument :

BNA_E

ClientSampleId :

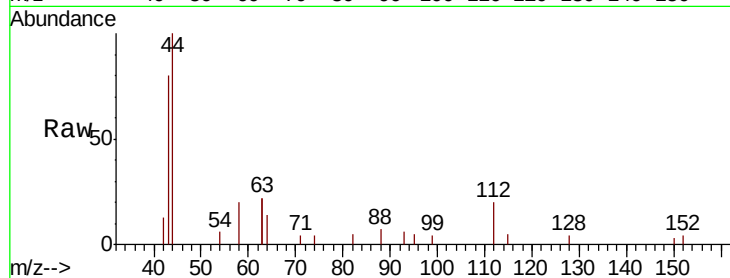
Tot Ion: 112 Resp: 600

Ion Ratio Lower Upper

112 100

64 76.2 59.8 89.8

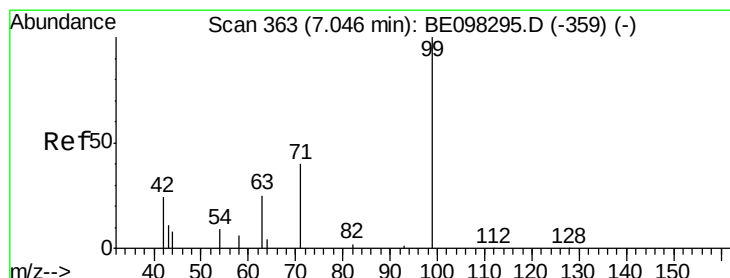
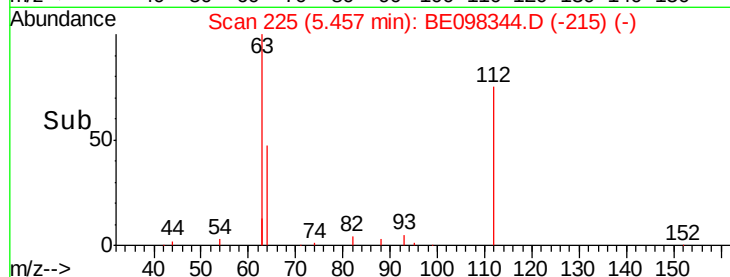
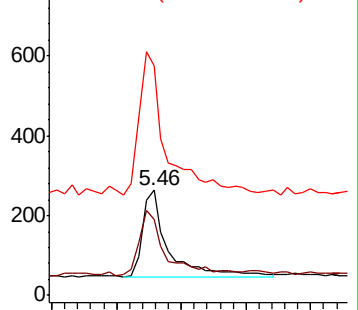
63 179.8 133.7 200.5



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: 0.102 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098344.D

Acq: 11 Dec 2018 22:02

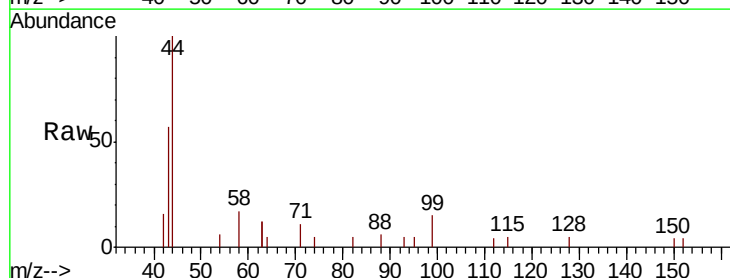
Tgt Ion: 99 Resp: 444

Ion Ratio Lower Upper

99 100

42 50.2 26.3 39.5#

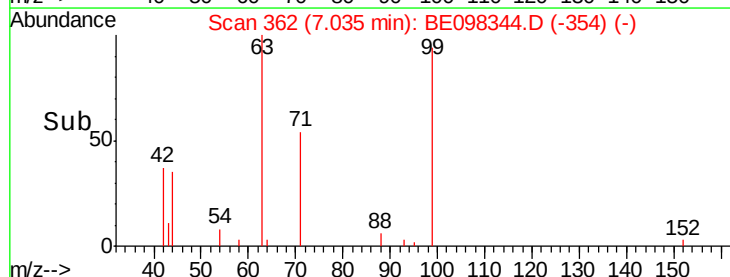
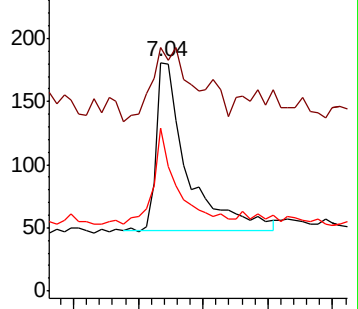
71 43.0 33.6 50.4

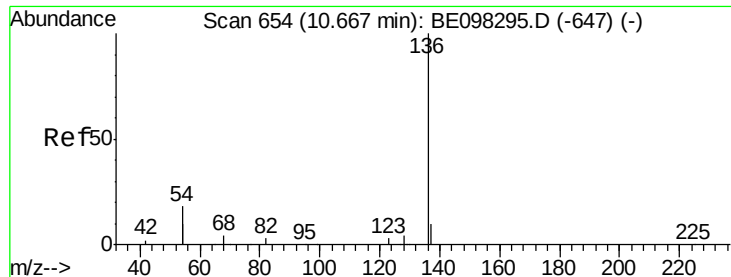


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098344.D

Acq: 11 Dec 2018 22:02

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5436

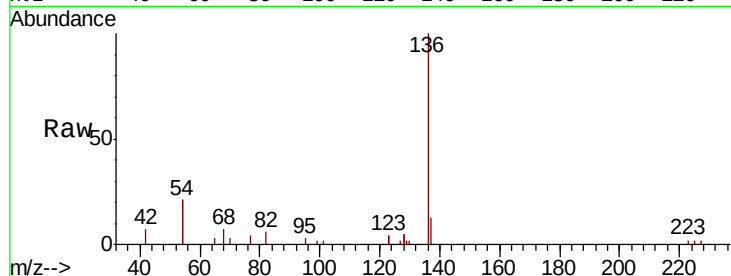
Ion Ratio Lower Upper

136 100

137 12.8 9.2 13.8

54 42.1 28.4 42.6

68 7.5 5.4 8.0

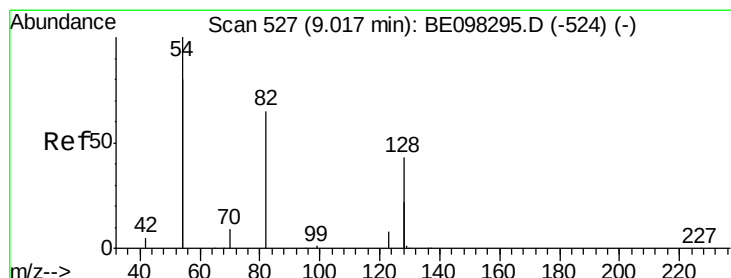
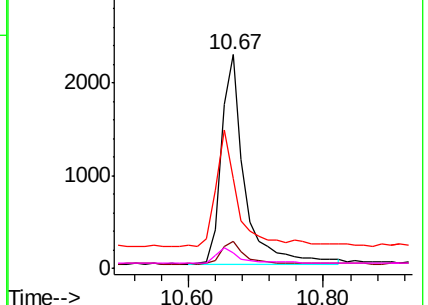
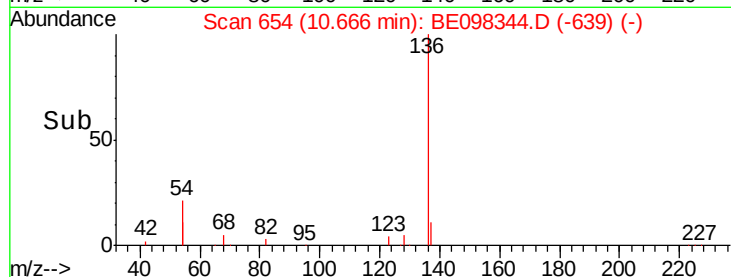


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.426 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098344.D

Acq: 11 Dec 2018 22:02

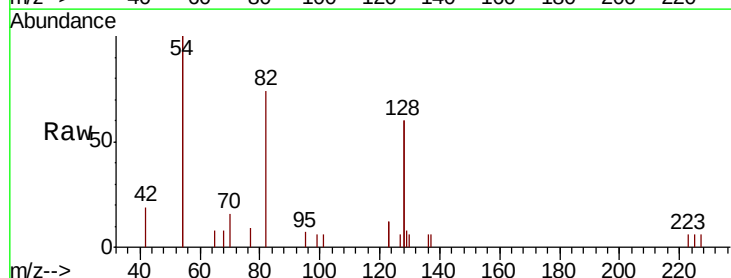
Tgt Ion: 82 Resp: 2107

Ion Ratio Lower Upper

82 100

128 160.2 102.4 153.6#

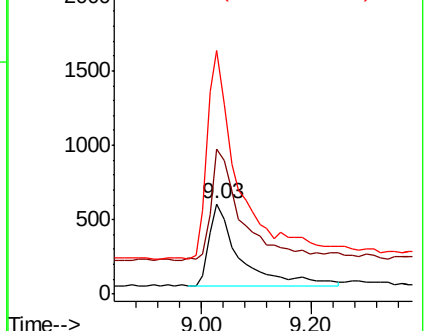
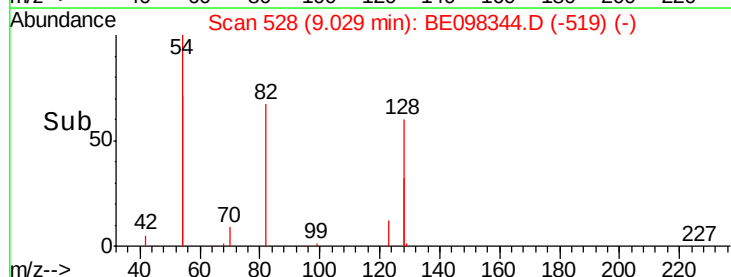
54 269.1 221.8 332.8

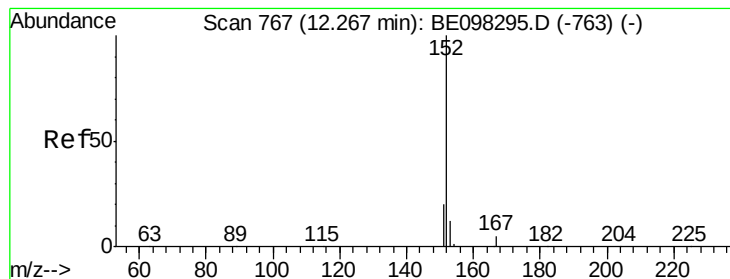


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.441 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098344.D

Acq: 11 Dec 2018 22:02

Instrument :

BNA_E

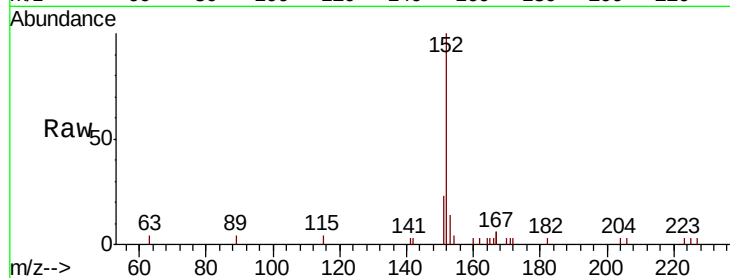
ClientSampleId :

Tot Ion:152 Resp: 3897

Ion Ratio Lower Upper

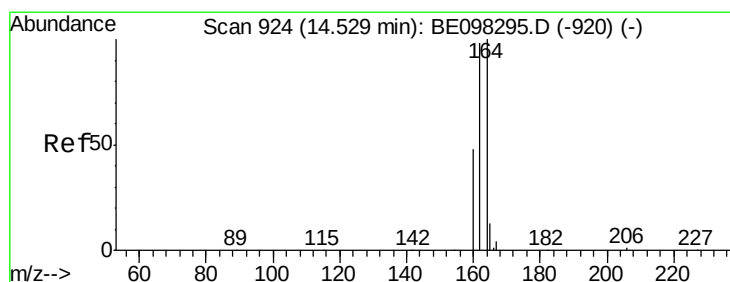
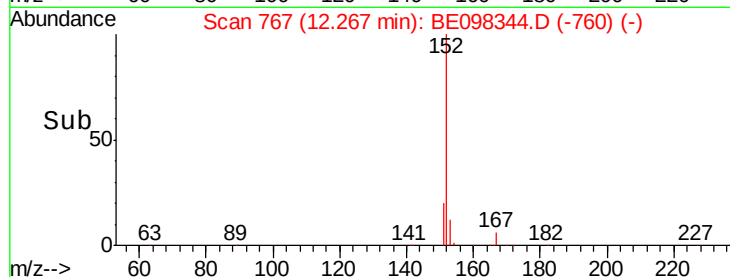
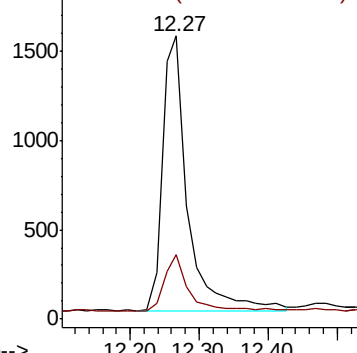
152 100

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: BE098344.D

Acq: 11 Dec 2018 22:02

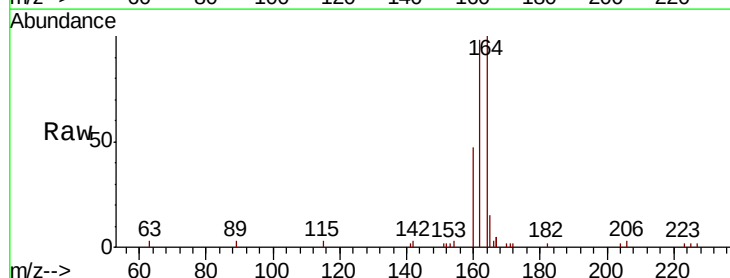
Tgt Ion:164 Resp: 3618

Ion Ratio Lower Upper

164 100

162 98.3 77.6 116.4

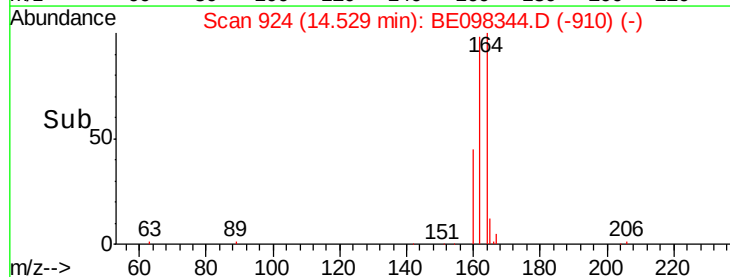
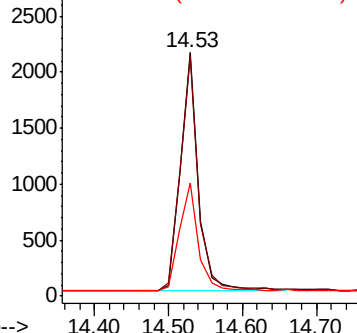
160 46.5 36.0 54.0

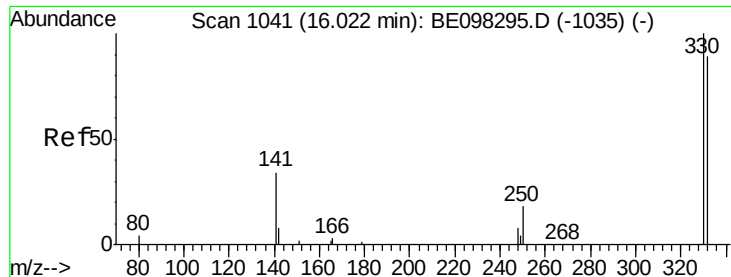


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

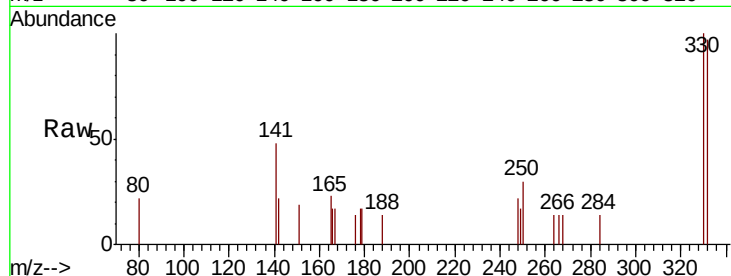




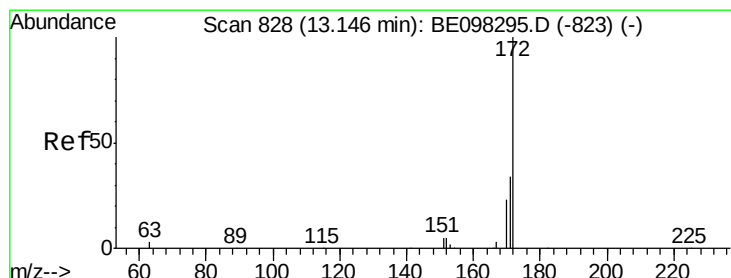
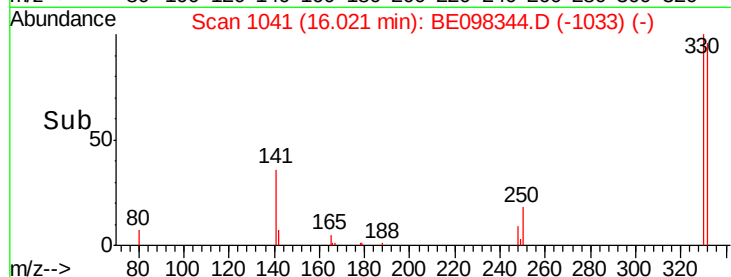
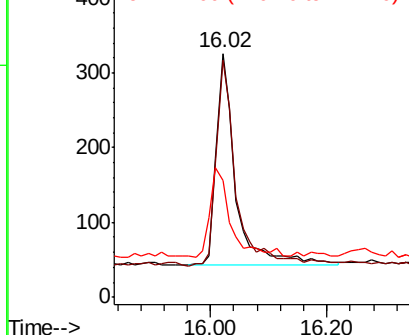
#14
 2,4,6-Tribromophenol
 Concen: 0.483 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098344.D
 Acq: 11 Dec 2018 22:02

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 641
 Ion Ratio Lower Upper
 330 100
 332 100.5 76.2 114.4
 141 44.0 39.0 58.4

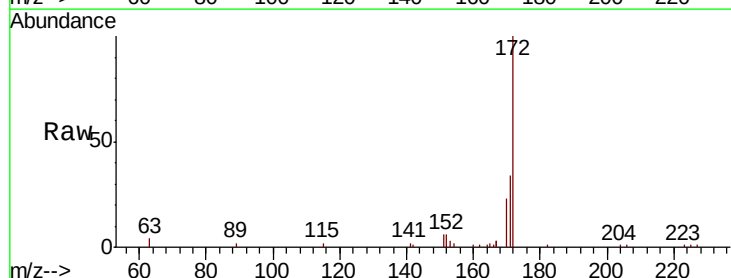


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

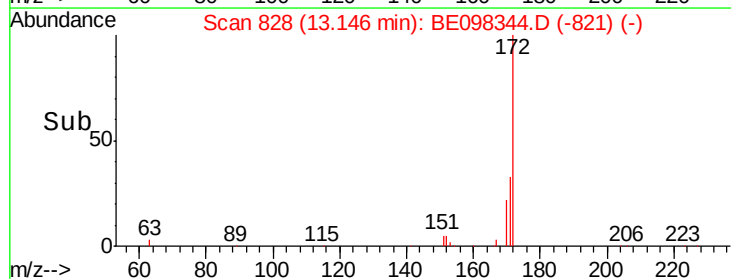
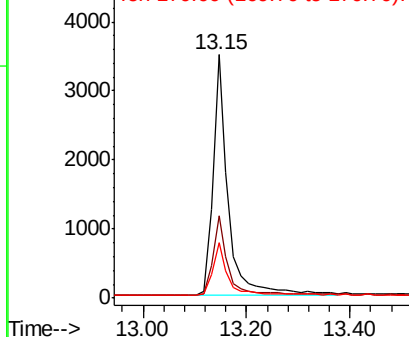


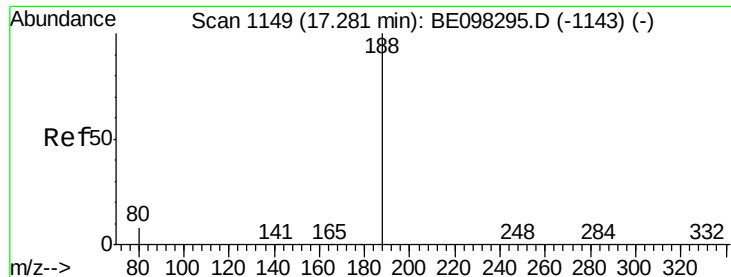
#15
 2-Fluorobiphenyl
 Concen: 0.469 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098344.D
 Acq: 11 Dec 2018 22:02

Tgt Ion:172 Resp: 7152
 Ion Ratio Lower Upper
 172 100
 171 33.9 27.5 41.3
 170 22.9 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: BE098344.D

Acq: 11 Dec 2018 22:02

Instrument :

BNA_E

ClientSampleId :

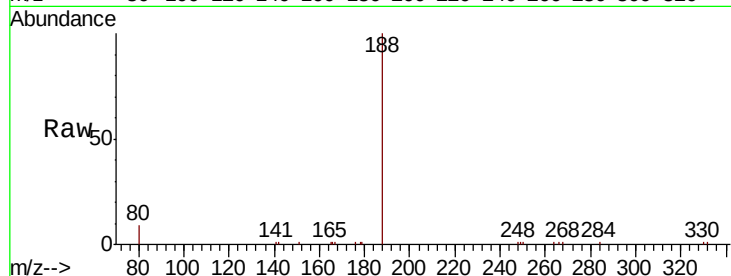
Tot Ion:188 Resp: 9034

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

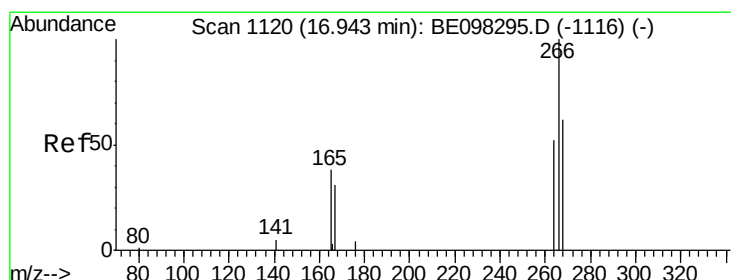
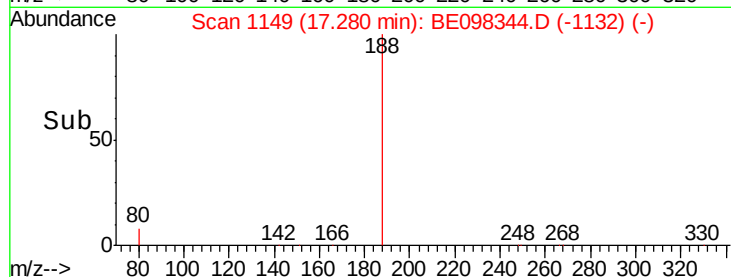
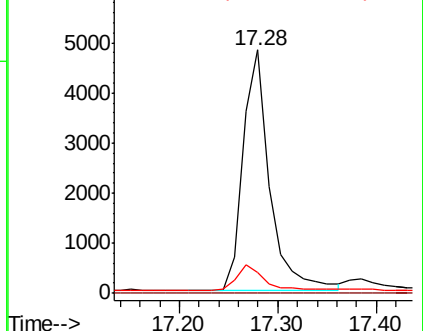
80 8.7 7.2 10.8



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: 0.025 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098344.D

Acq: 11 Dec 2018 22:02

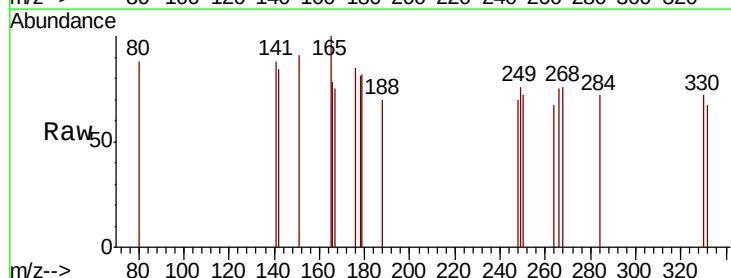
Tgt Ion:266 Resp: 7

Ion Ratio Lower Upper

266 100

264 90.0 59.0 88.4#

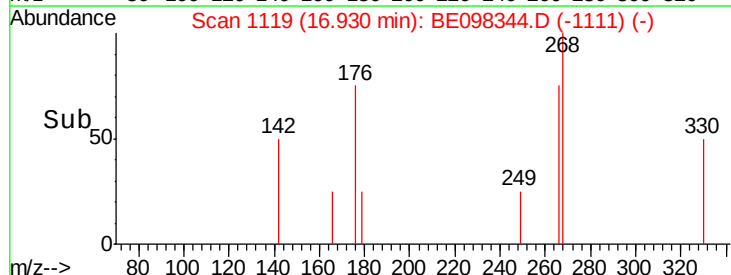
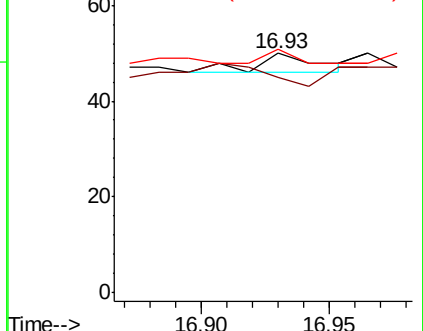
268 102.0 55.1 82.7#

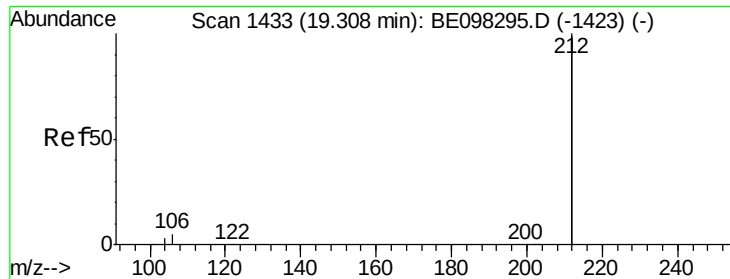


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

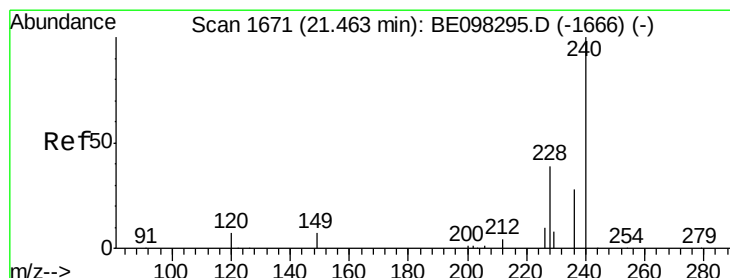
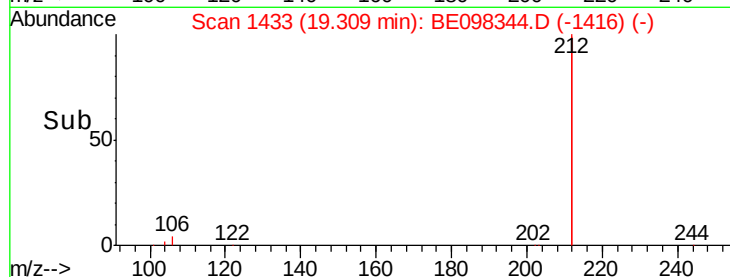
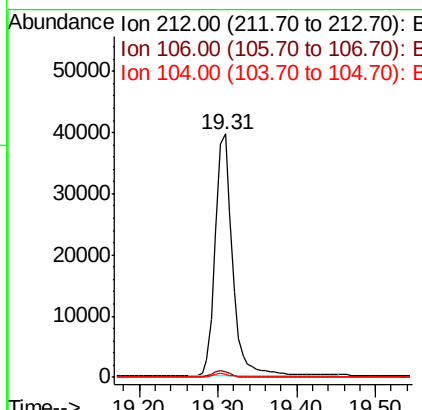
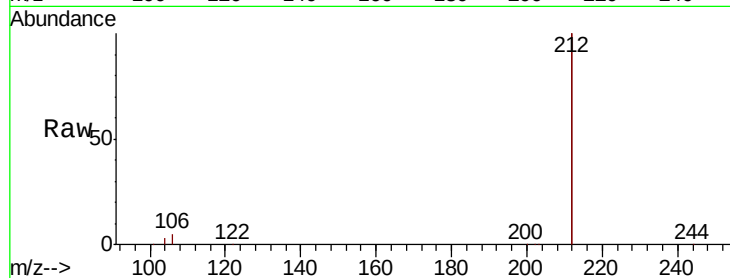




#25
 Fluoranthene-d10
 Concen: 0.519 ng
 RT: 19.31 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BE098344.D
 Acq: 11 Dec 2018 22:02

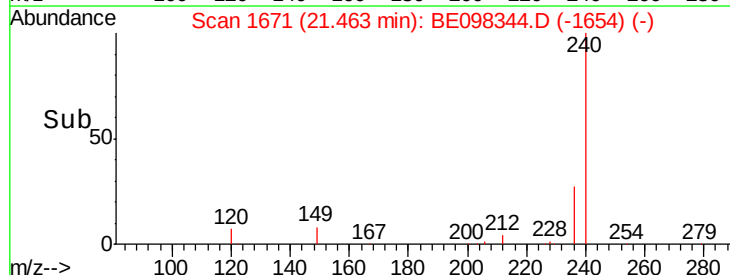
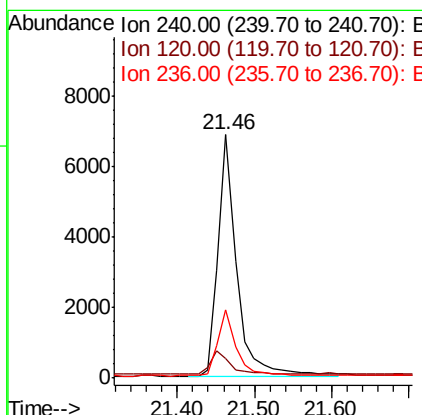
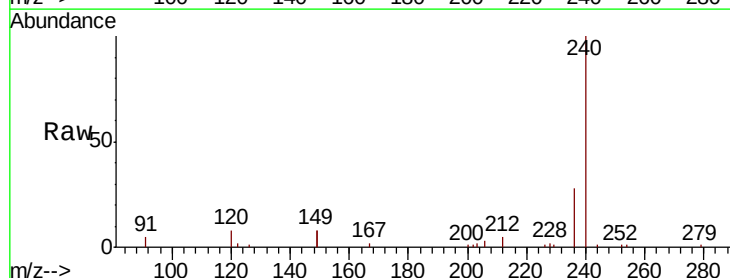
Instrument :
 BNA_E
 ClientSampled :

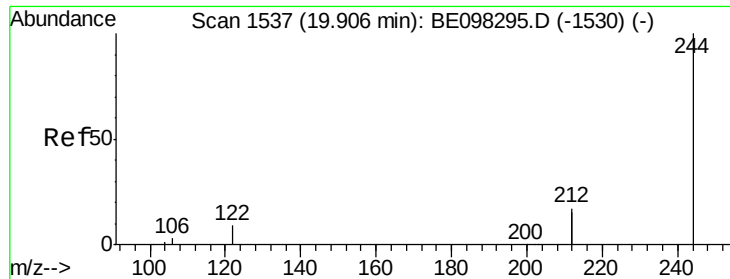
Tot Ion:212 Resp: 60129
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.2 3.2
 104 1.5 1.3 1.9



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098344.D
 Acq: 11 Dec 2018 22:02

Tgt Ion:240 Resp: 11521
 Ion Ratio Lower Upper
 240 100
 120 8.3 9.5 14.3#
 236 27.9 22.7 34.1





#29

Terphenyl-d14

Concen: 0.671 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098344.D

Acq: 11 Dec 2018 22:02

Instrument :

BNA_E

ClientSampleId :

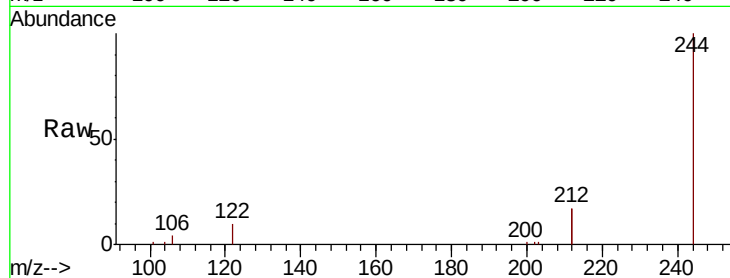
Tot Ion:244 Resp: 18783

Ion Ratio Lower Upper

244 100

212 33.5 27.4 41.0

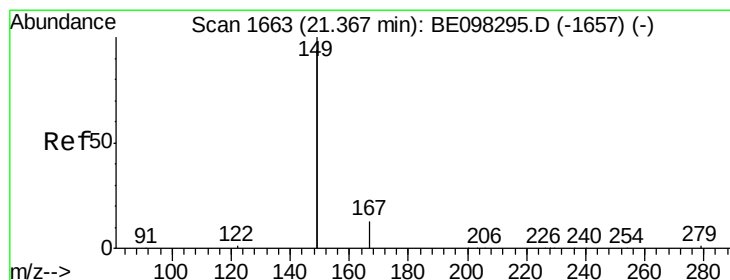
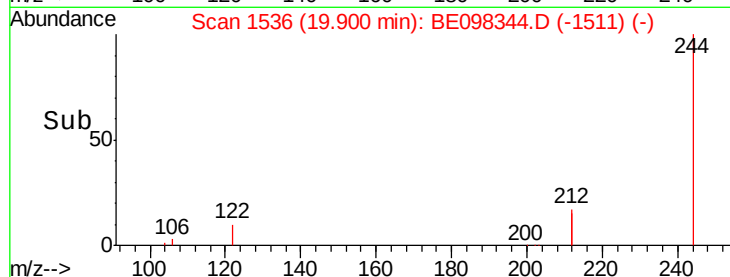
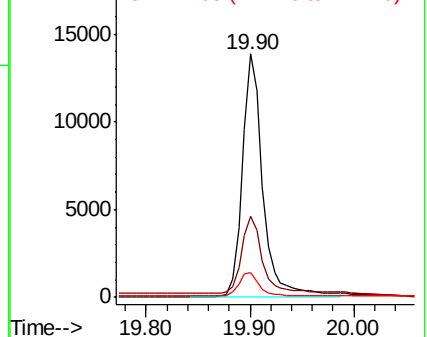
122 10.2 8.3 12.5



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: 1.084 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098344.D

Acq: 11 Dec 2018 22:02

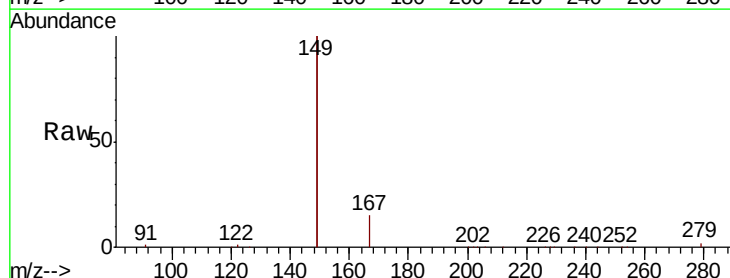
Tgt Ion:149 Resp: 72236

Ion Ratio Lower Upper

149 100

167 6.9 5.7 8.5

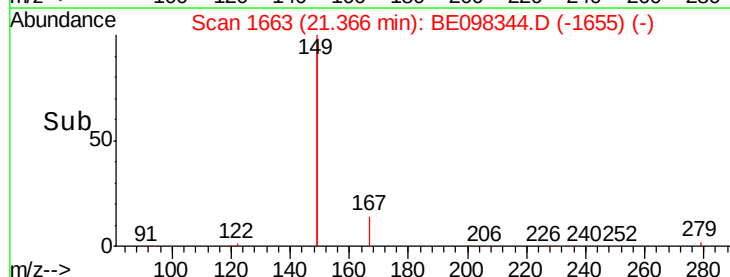
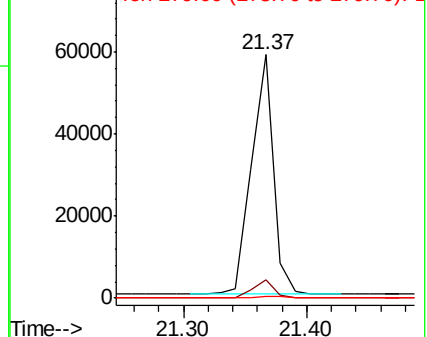
279 1.1 1.0 1.4

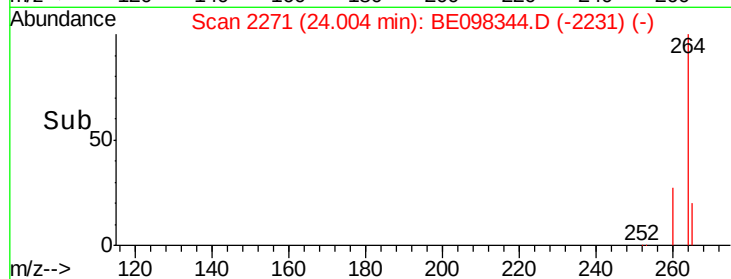
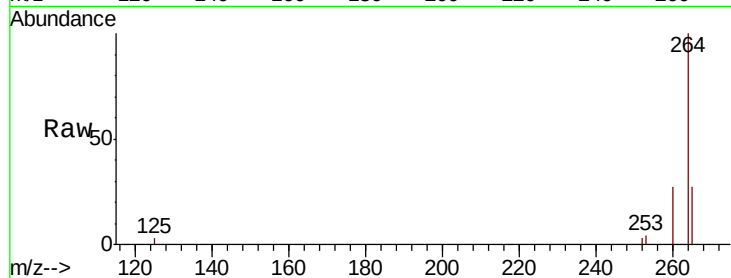
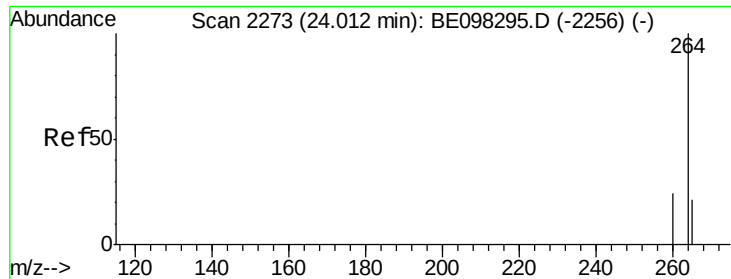


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.00 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BE098344.D

Acq: 11 Dec 2018 22:02

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 10988

Ion Ratio Lower Upper

264 100

260 27.4 20.2 30.2

265 27.2 25.2 37.8

