

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
 Data File : BE098343.D
 Acq On : 11 Dec 2018 21:23
 Operator : SJ/JU
 Sample : J6288-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 12 17:24:34 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

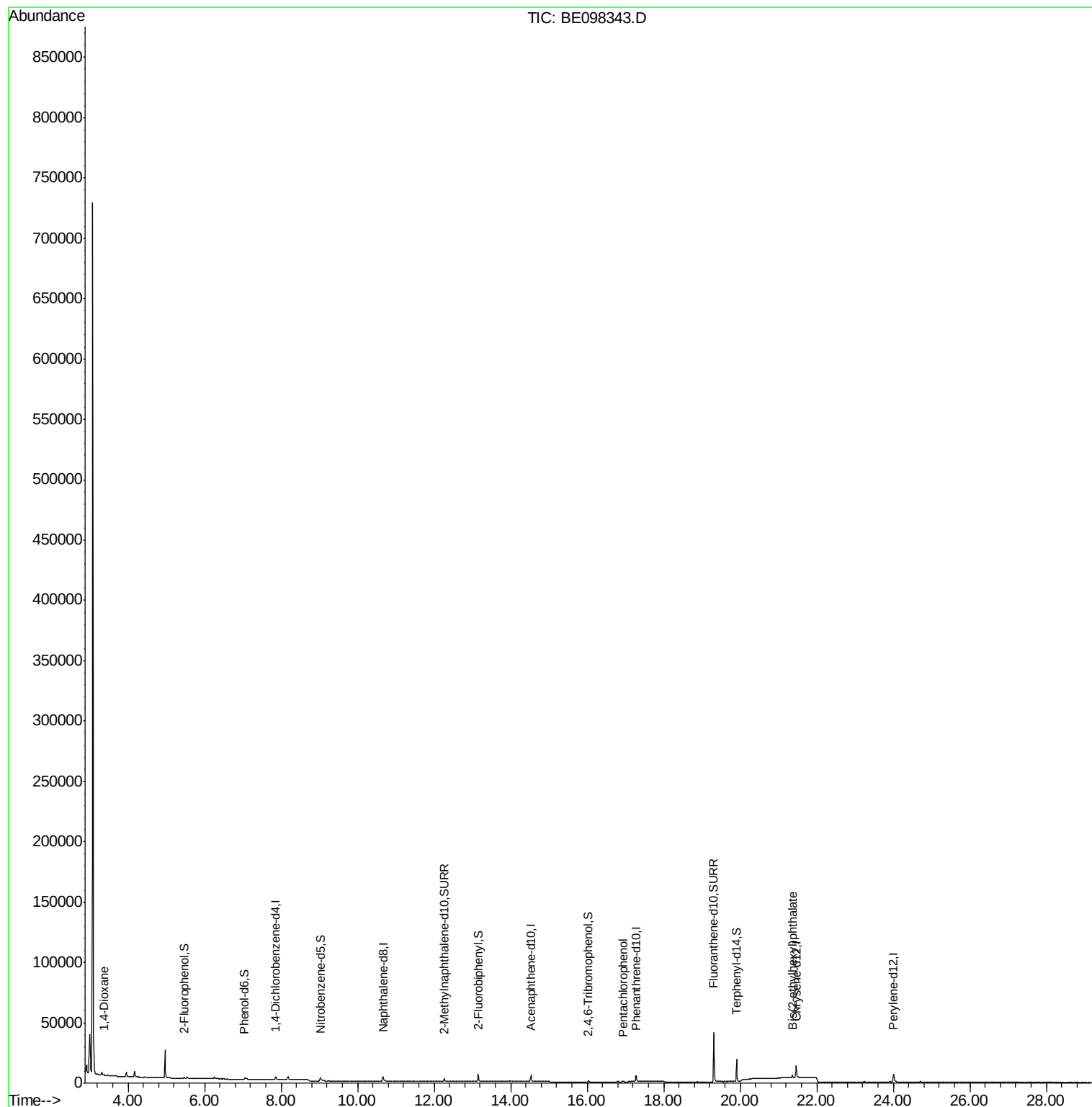
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1269	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5392	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3563	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9692	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11864	0.40	ng	0.00
34) Perylene-d12	24.00	264	11100	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	571	0.19	ng	0.00
5) Phenol-d6	7.04	99	446	0.11	ng	0.00
8) Nitrobenzene-d5	9.03	82	2186	0.45	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3992	0.46	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	678	0.52	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7430	0.49	ng	0.00
25) Fluoranthene-d10	19.30	212	62032	0.50	ng	0.00
29) Terphenyl-d14	19.90	244	18408	0.64	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	224	0.102	ng	# 1
22) Pentachlorophenol	16.94	266	37	0.059	ng	# 74
32) Bis(2-ethylhexyl)phthalate	21.37	149	3181	0.046	ng	# 98

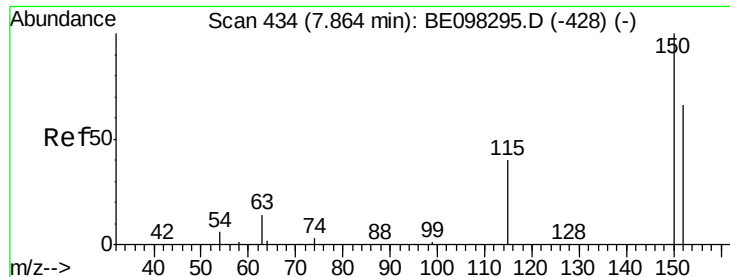
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
Data File : BE098343.D
Acq On : 11 Dec 2018 21:23
Operator : SJ/JU
Sample : J6288-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 12 17:24:34 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



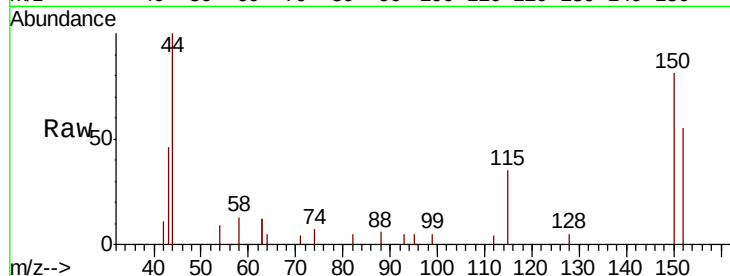


#1

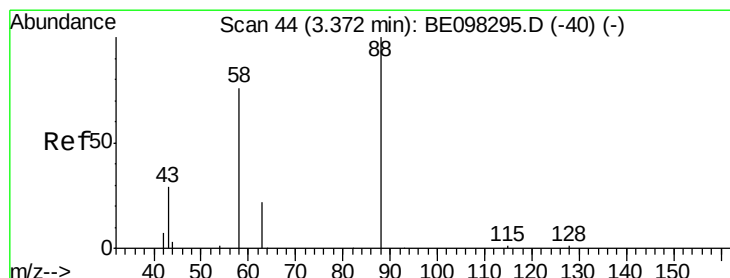
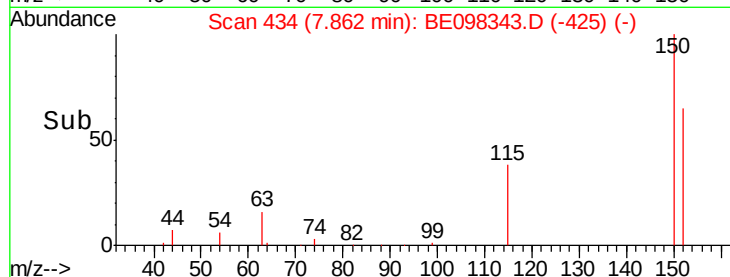
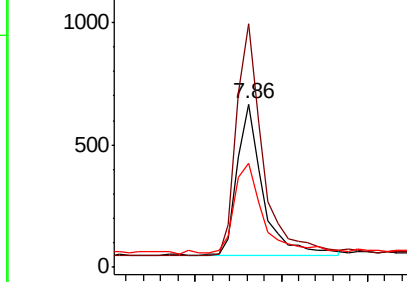
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098343.D
Acq: 11 Dec 2018 21:23

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1269
Ion Ratio Lower Upper
152 100
150 149.2 124.2 186.4
115 64.0 53.9 80.9



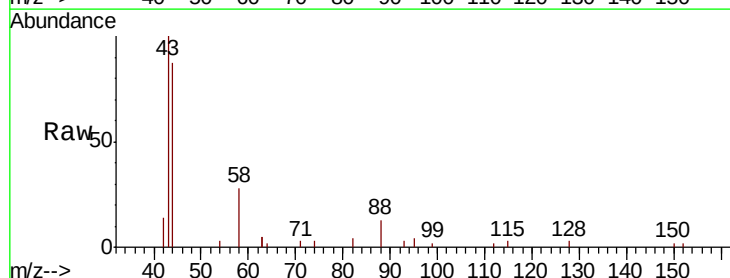
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



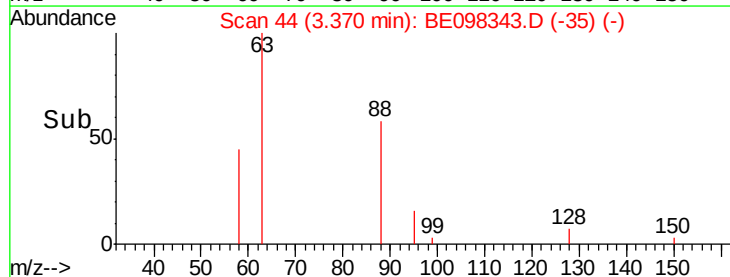
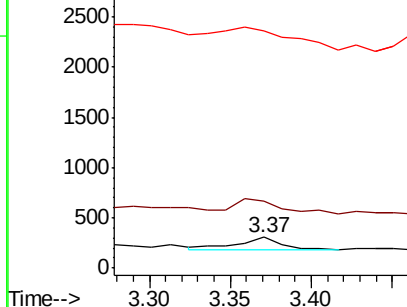
#2

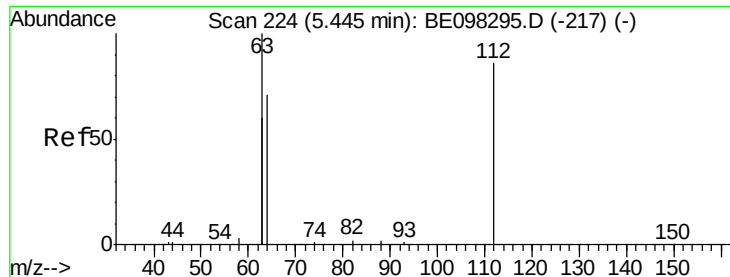
1,4-Dioxane
Concen: 0.102 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098343.D
Acq: 11 Dec 2018 21:23

Tgt Ion: 88 Resp: 224
Ion Ratio Lower Upper
88 100
58 126.3 75.0 112.6#
43 292.9 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: 0.192 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098343.D

Acq: 11 Dec 2018 21:23

Instrument :

BNA_E

ClientSampleId :

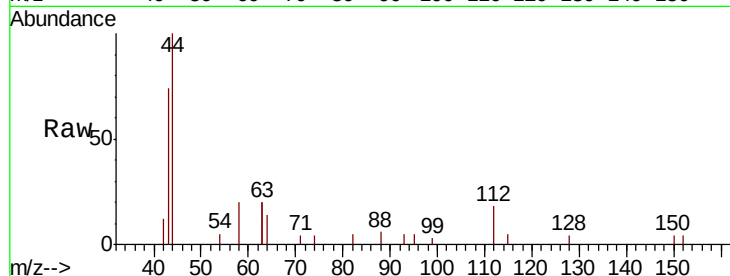
Tot Ion: 112 Resp: 571

Ion Ratio Lower Upper

112 100

64 75.0 59.8 89.8

63 162.0 133.7 200.5



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

800

600

400

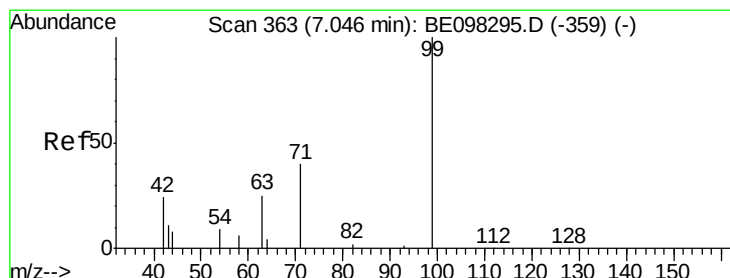
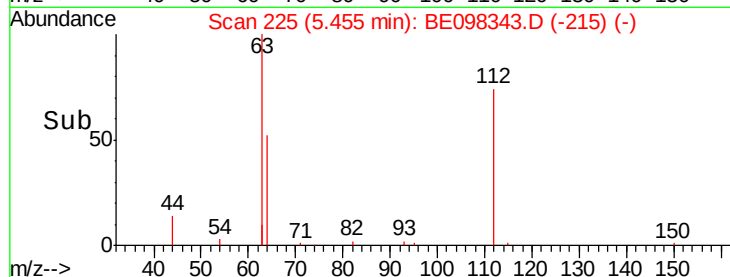
200

0

5.30 5.40 5.50 5.60

5.45

Time-->



#5

Phenol-d6

Concen: 0.106 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098343.D

Acq: 11 Dec 2018 21:23

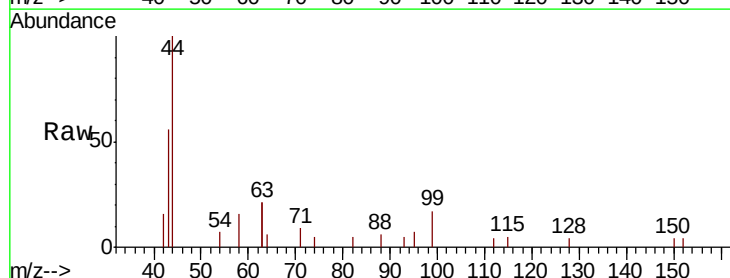
Tgt Ion: 99 Resp: 446

Ion Ratio Lower Upper

99 100

42 60.3 26.3 39.5#

71 39.5 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

250

200

150

100

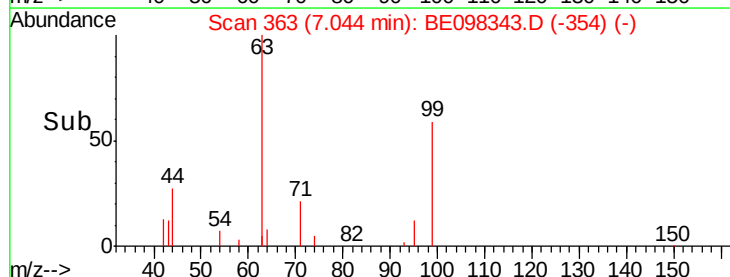
50

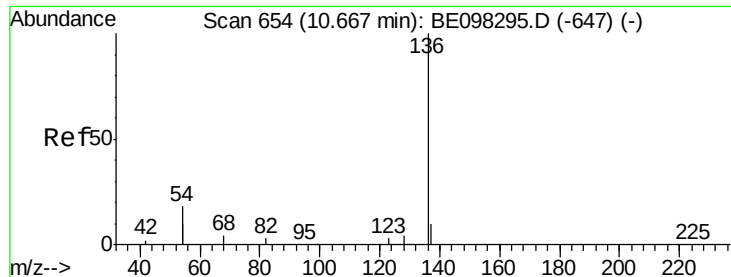
0

7.00 7.10 7.20

7.04

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098343.D

Acq: 11 Dec 2018 21:23

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5392

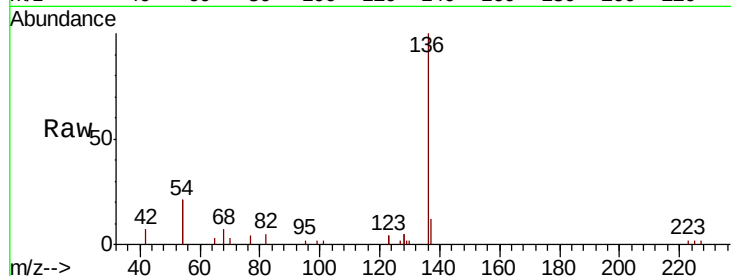
Ion Ratio Lower Upper

136 100

137 12.3 9.2 13.8

54 41.9 28.4 42.6

68 7.4 5.4 8.0

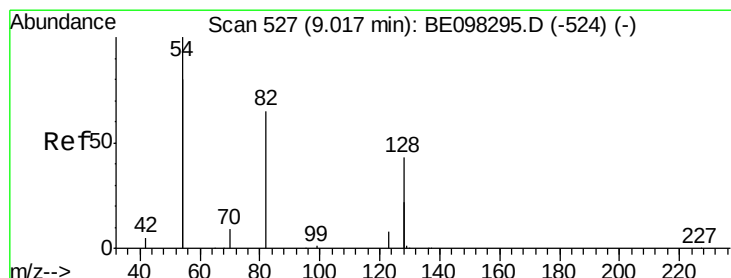
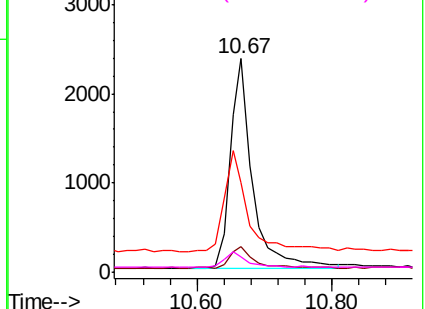
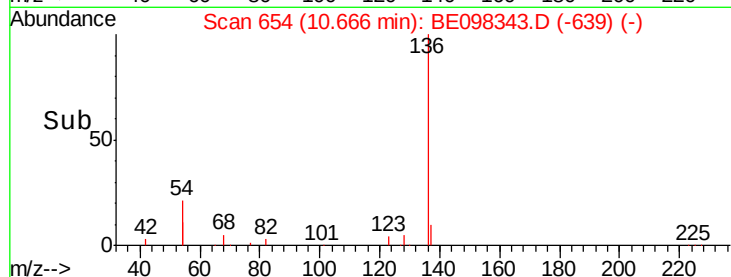


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.445 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098343.D

Acq: 11 Dec 2018 21:23

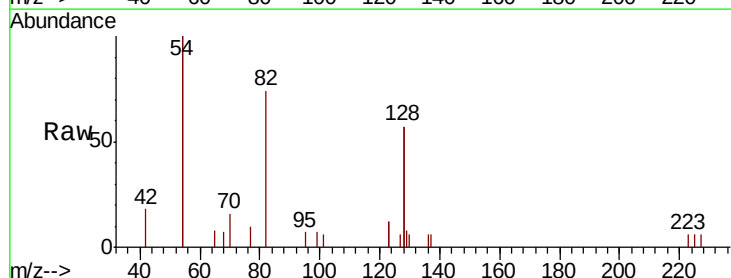
Tgt Ion: 82 Resp: 2186

Ion Ratio Lower Upper

82 100

128 154.5 102.4 153.6#

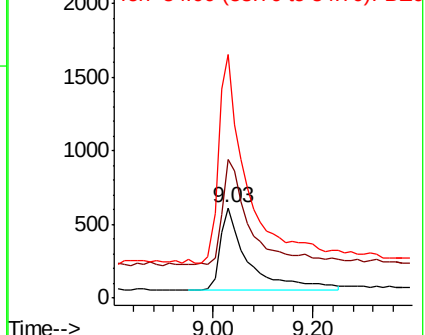
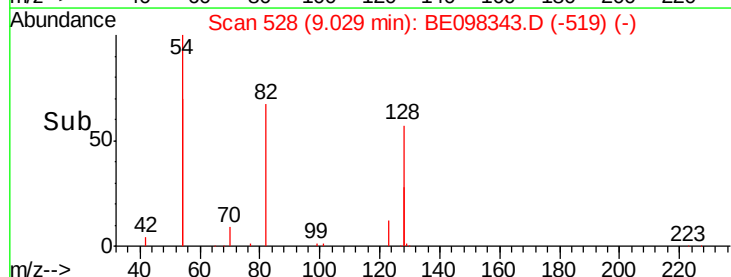
54 270.4 221.8 332.8

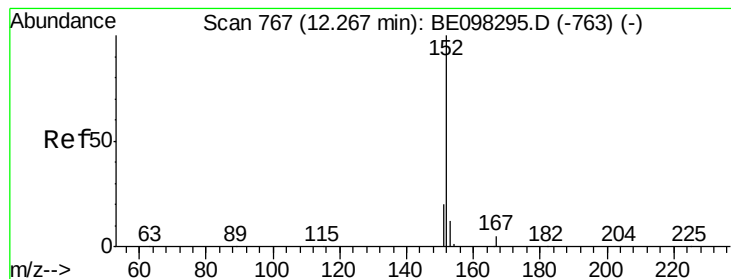


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.455 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098343.D

Acq: 11 Dec 2018 21:23

Instrument :

BNA_E

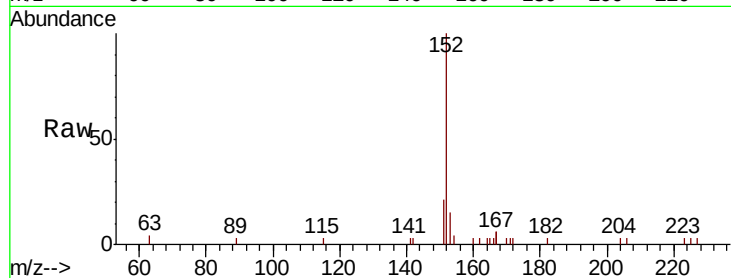
ClientSampleId :

Tot Ion:152 Resp: 3992

Ion Ratio Lower Upper

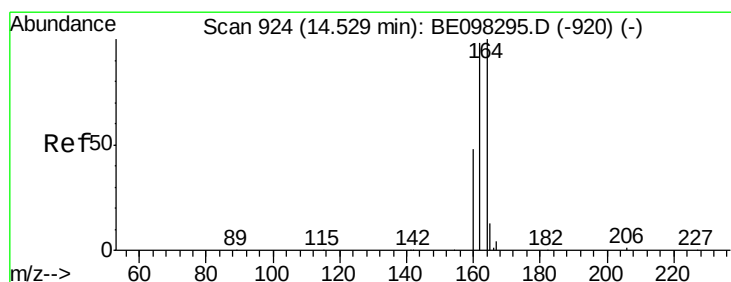
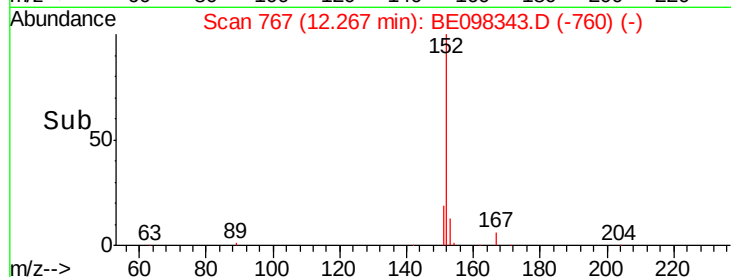
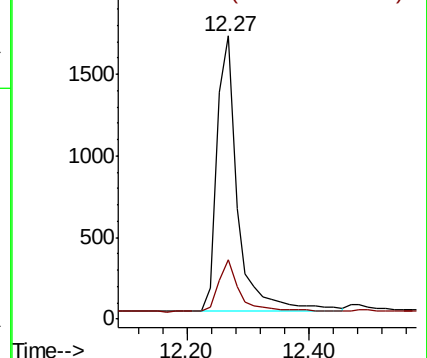
152 100

151 19.1 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: BE098343.D

Acq: 11 Dec 2018 21:23

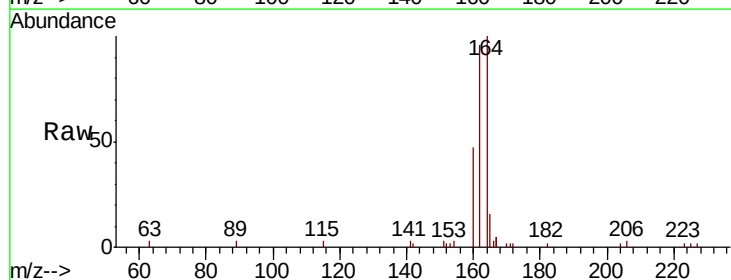
Tgt Ion:164 Resp: 3563

Ion Ratio Lower Upper

164 100

162 95.6 77.6 116.4

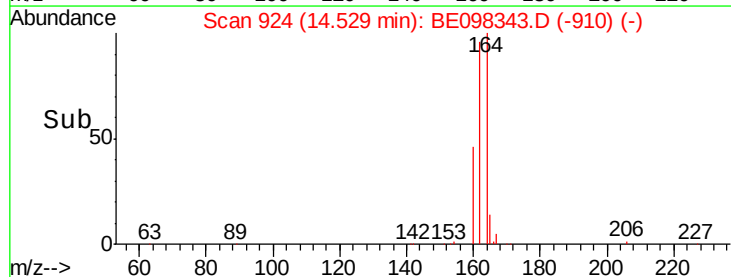
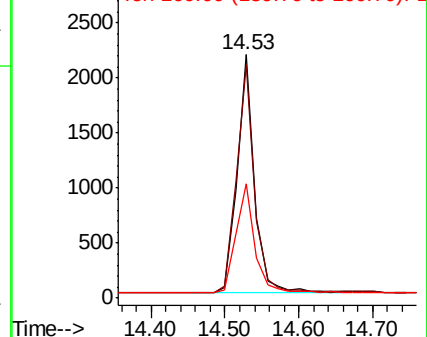
160 47.1 36.0 54.0

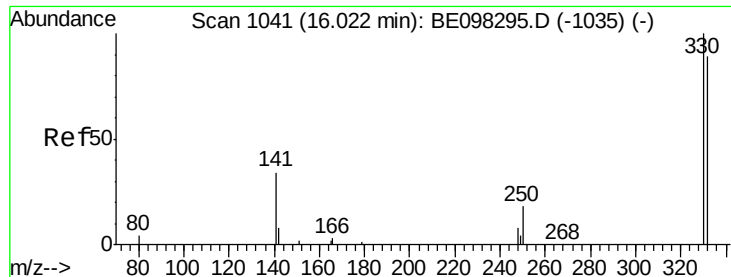


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

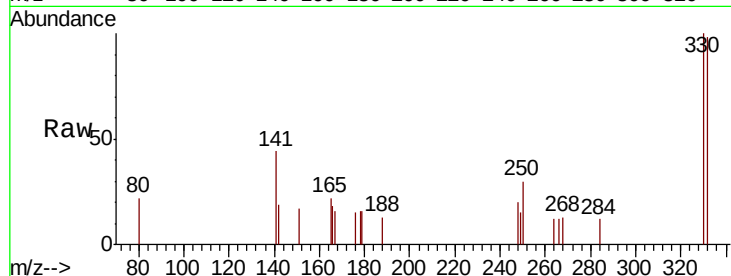




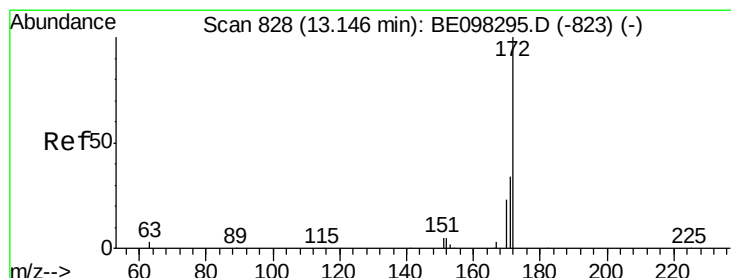
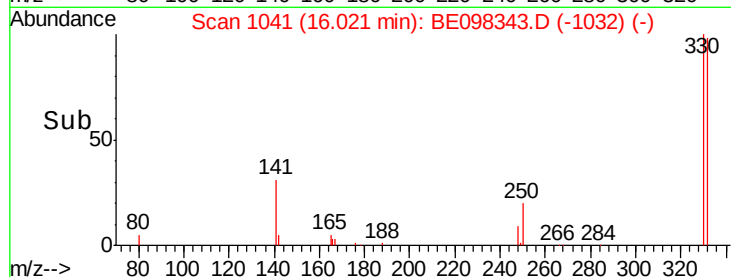
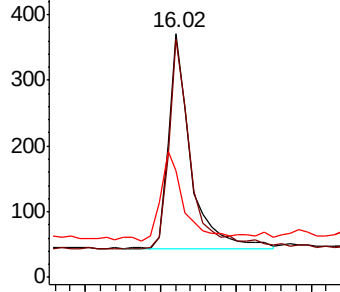
#14
2,4,6-Tribromophenol
Concen: 0.518 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098343.D
Acq: 11 Dec 2018 21:23

Instrument :
BNA_E
ClientSampled :

Tot Ion:330 Resp: 678
Ion Ratio Lower Upper
330 100
332 102.1 76.2 114.4
141 45.6 39.0 58.4

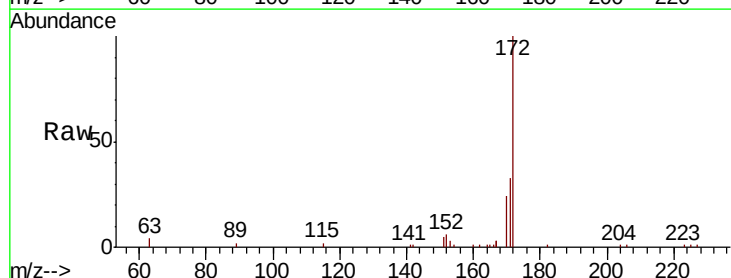


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

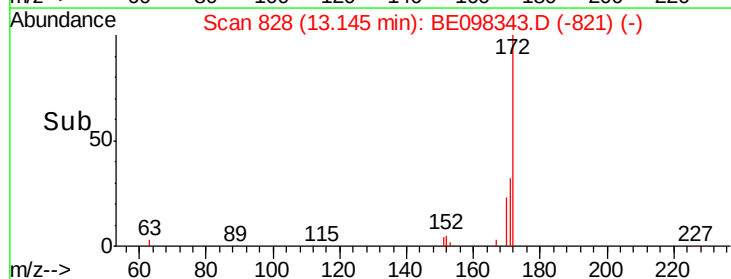
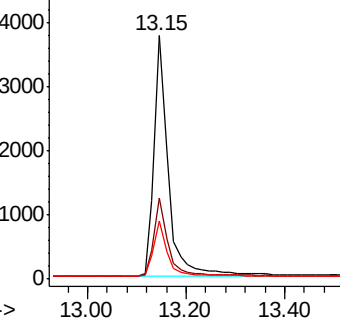


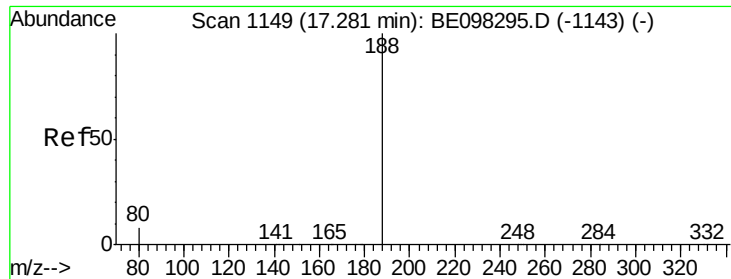
#15
2-Fluorobiphenyl
Concen: 0.494 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098343.D
Acq: 11 Dec 2018 21:23

Tgt Ion:172 Resp: 7430
Ion Ratio Lower Upper
172 100
171 33.2 27.5 41.3
170 23.7 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: BE098343.D

Acq: 11 Dec 2018 21:23

Instrument :

BNA_E

ClientSampleId :

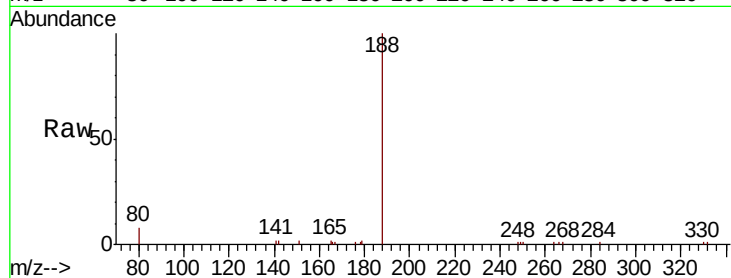
Tot Ion:188 Resp: 9692

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

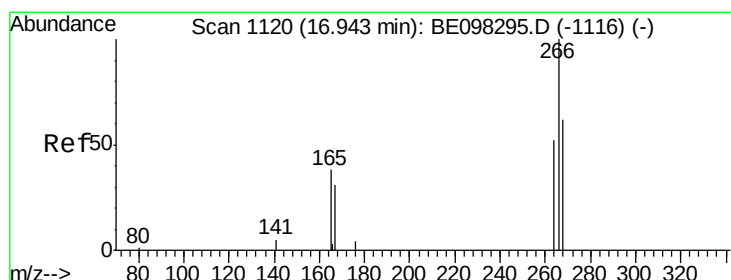
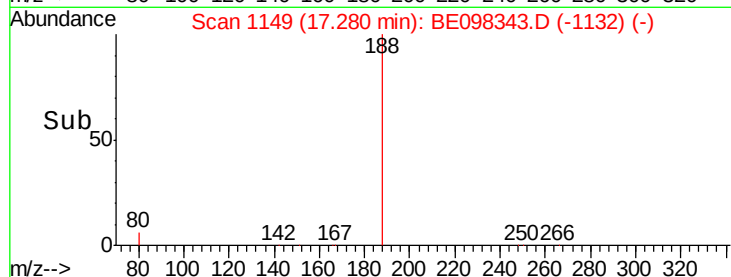
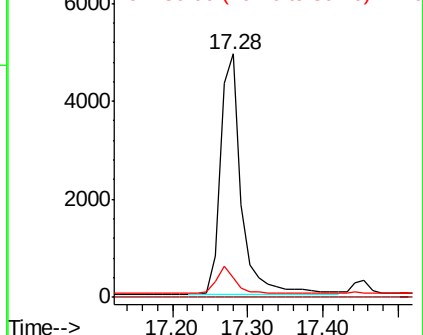
80 8.1 7.2 10.8



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: 0.059 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098343.D

Acq: 11 Dec 2018 21:23

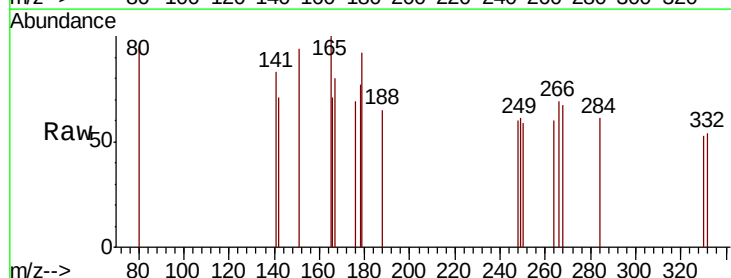
Tgt Ion:266 Resp: 37

Ion Ratio Lower Upper

266 100

264 87.7 59.0 88.4

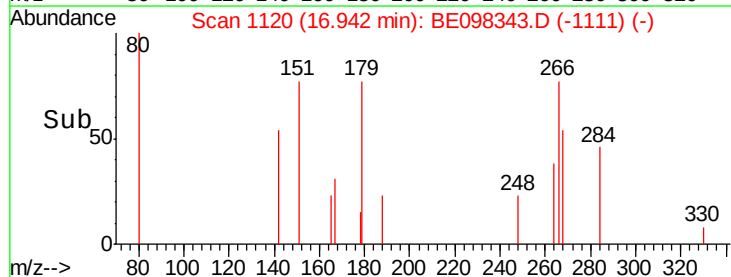
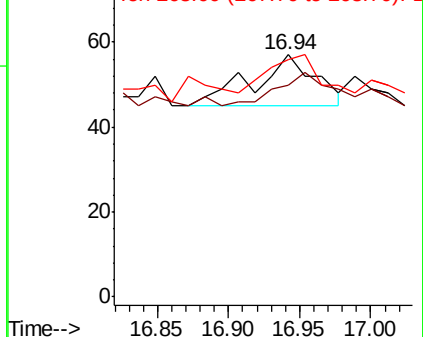
268 98.2 55.1 82.7#

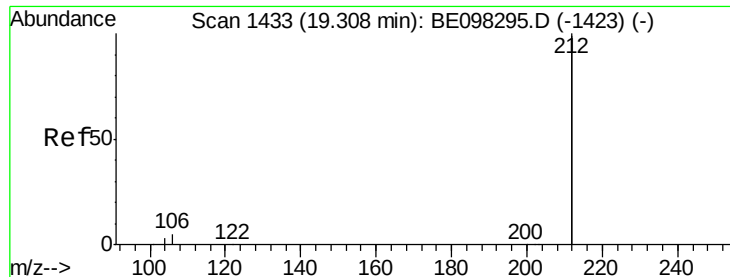


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

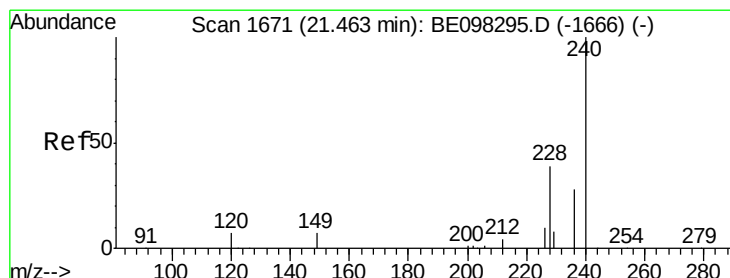
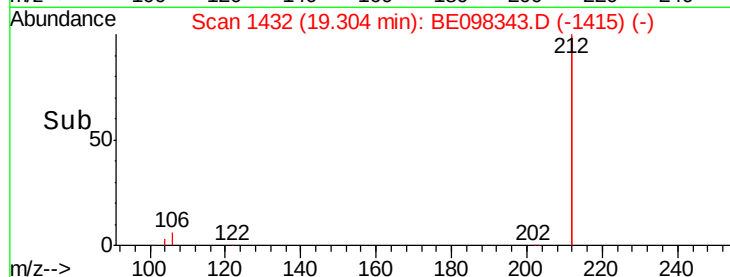
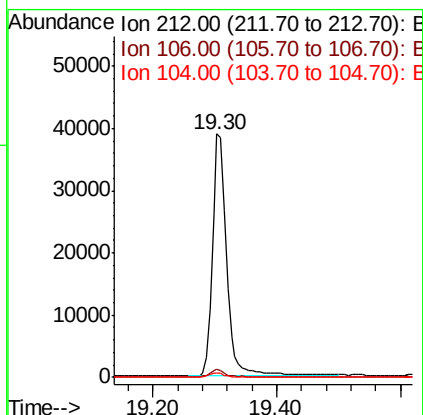
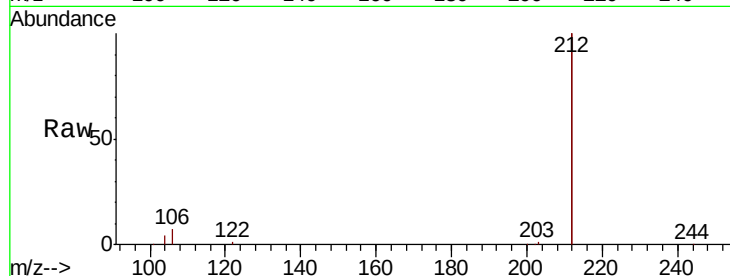




#25
Fluoranthene-d10
Concen: 0.499 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE098343.D
Acq: 11 Dec 2018 21:23

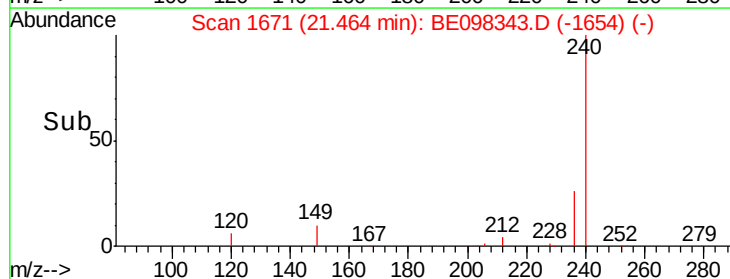
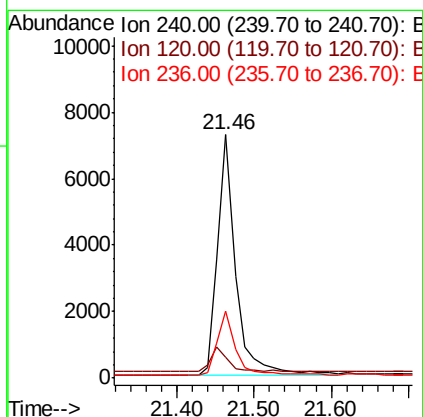
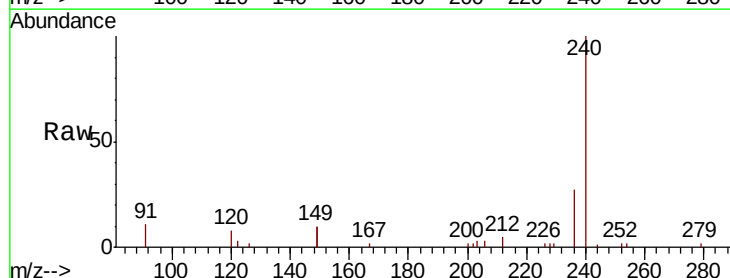
Instrument :
BNA_E
ClientSampleId :

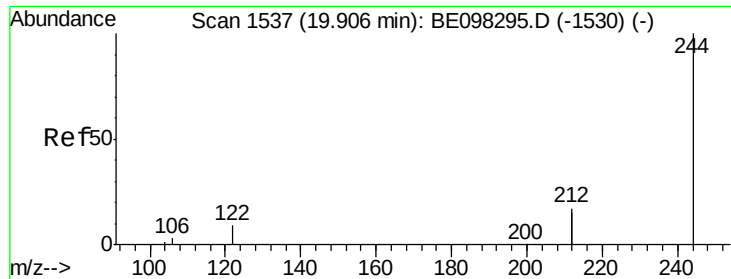
Tot Ion:212 Resp: 62032
Ion Ratio Lower Upper
212 100
106 2.9 2.2 3.2
104 1.5 1.3 1.9



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE098343.D
Acq: 11 Dec 2018 21:23

Tgt Ion:240 Resp: 11864
Ion Ratio Lower Upper
240 100
120 8.5 9.5 14.3#
236 27.3 22.7 34.1





#29

Terphenyl-d14

Concen: 0.638 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098343.D

Acq: 11 Dec 2018 21:23

Instrument :

BNA_E

ClientSampleId :

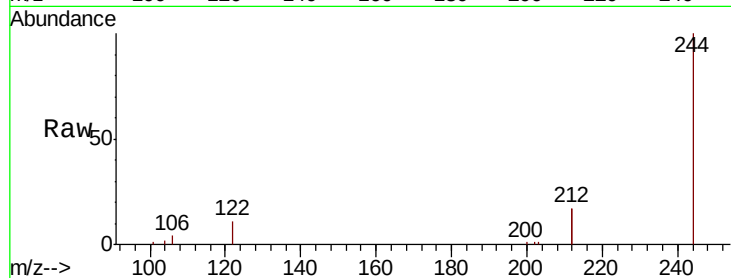
Tot Ion:244 Resp: 18408

Ion Ratio Lower Upper

244 100

212 34.1 27.4 41.0

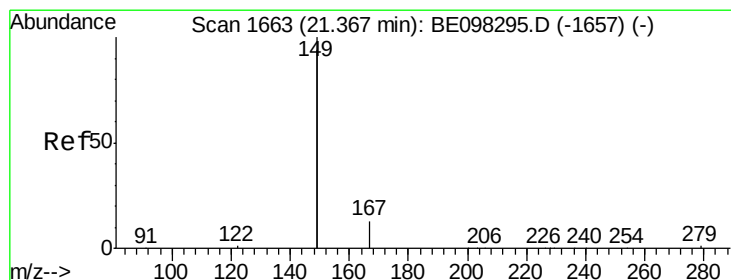
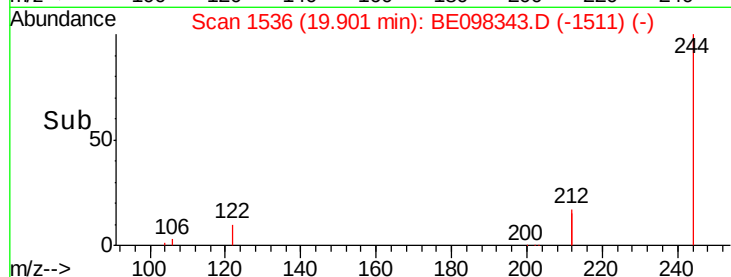
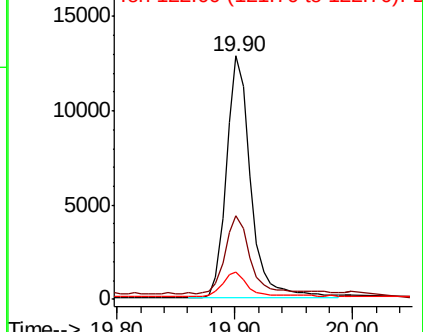
122 11.3 8.3 12.5



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: 0.046 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098343.D

Acq: 11 Dec 2018 21:23

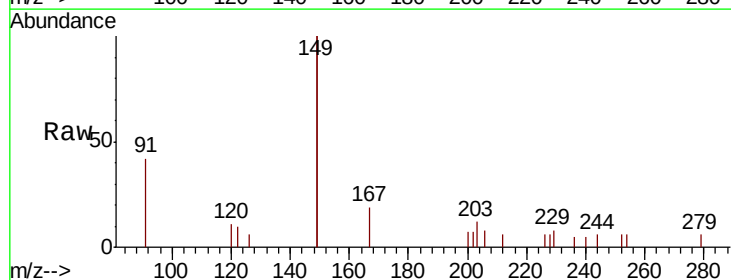
Tgt Ion:149 Resp: 3181

Ion Ratio Lower Upper

149 100

167 6.6 5.7 8.5

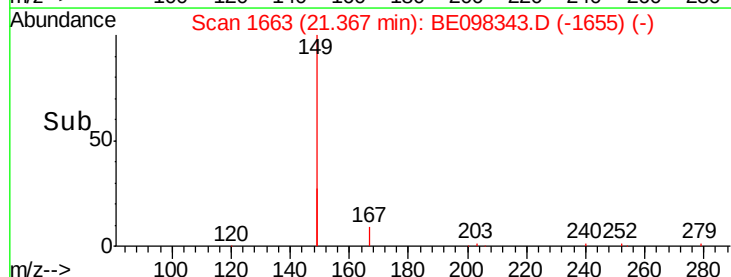
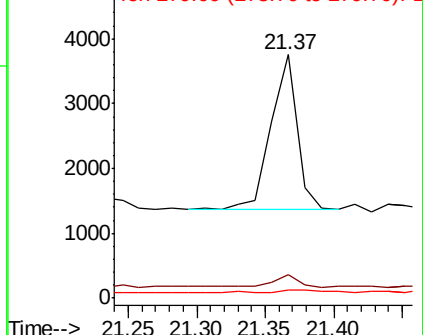
279 2.6 1.0 1.4#

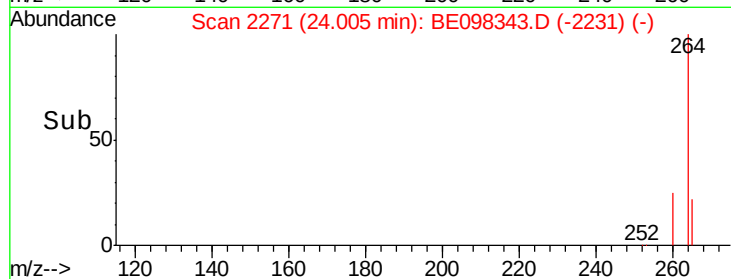
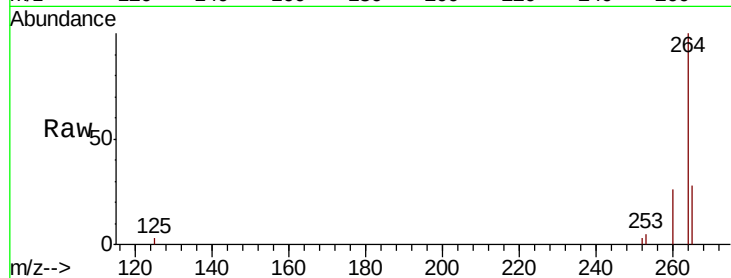
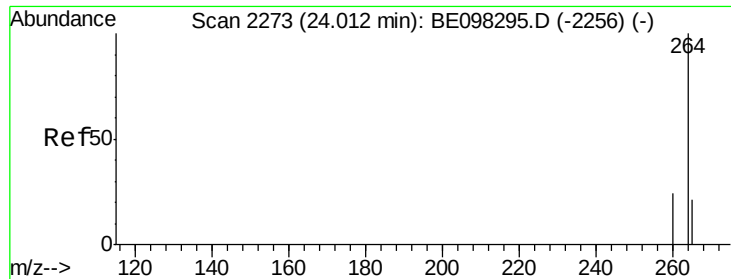


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE098343.D
 Acq: 11 Dec 2018 21:23

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:264 Resp: 11100
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.2 30.2
 265 28.1 25.2 37.8

