

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111618\
 Data File : BE098240.D
 Acq On : 16 Nov 2018 21:36
 Operator : SJ/JU
 Sample : J5931-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS035-181112

Quant Time: Nov 16 23:18:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 16 19:05:33 2018
 Response via : Initial Calibration

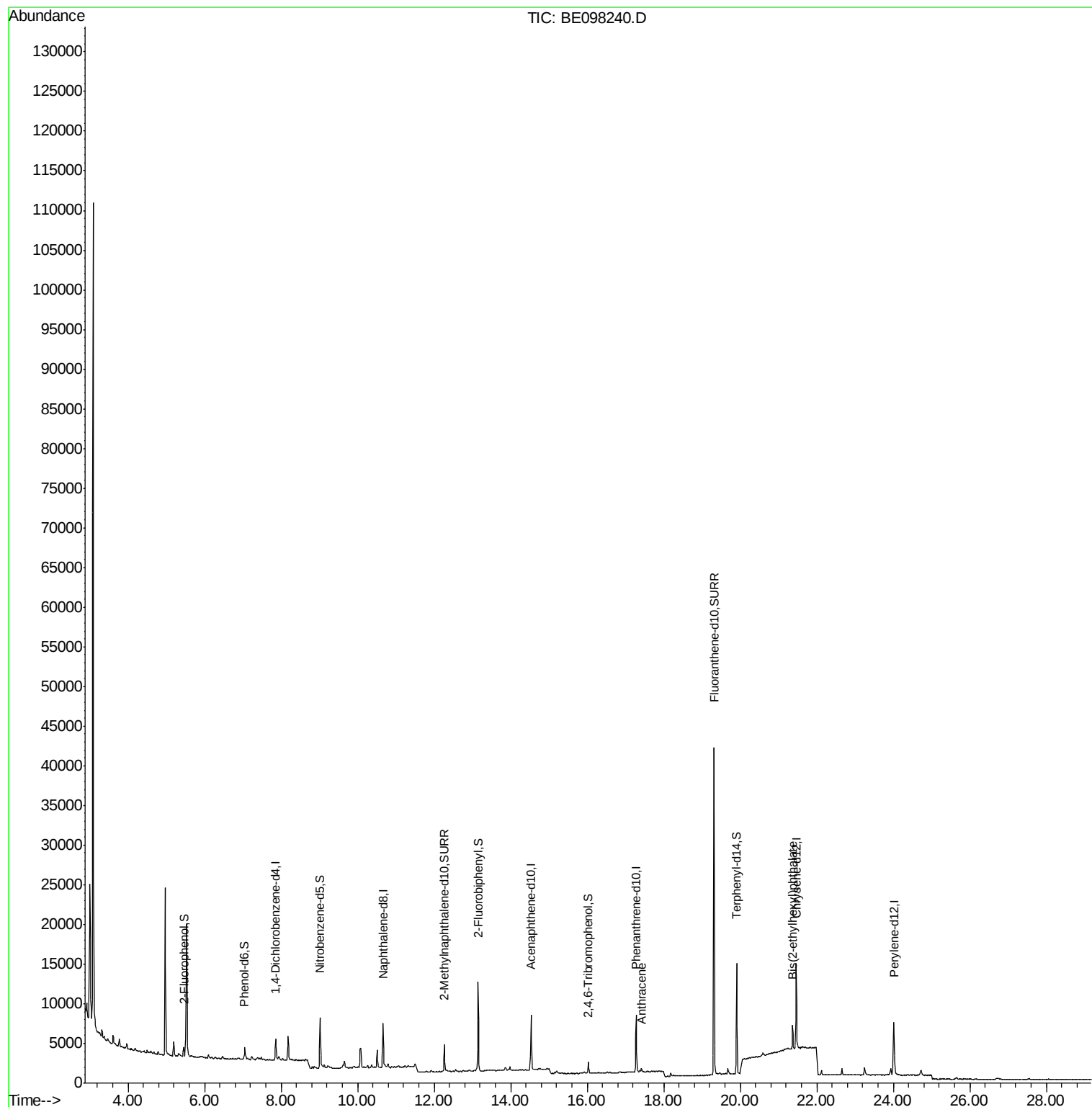
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1260	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6261	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4288	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9756	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10824	0.40	ng	0.00
34) Perylene-d12	24.01	264	10461	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	681	0.20	ng	0.00
5) Phenol-d6	7.04	99	565	0.11	ng	0.00
8) Nitrobenzene-d5	9.02	82	2507	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	4407	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	868	0.63	ng	-0.01
15) 2-Fluorobiphenyl	13.15	172	10581	0.57	ng	0.00
25) Fluoranthene-d10	19.31	212	53135	0.45	ng	0.00
29) Terphenyl-d14	19.91	244	12035	0.48	ng	0.00
Target Compounds						
24) Anthracene	17.41	178	630	0.028	ng	Qvalue 97
32) Bis(2-ethylhexyl)phthalate	21.37	149	3896	0.080	ng	# 96

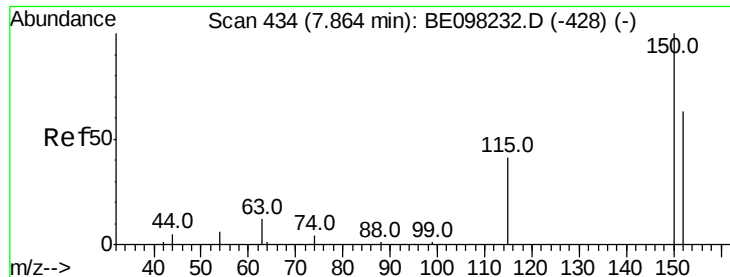
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 16 19:05:33 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: BE098240.D

Acq: 16 Nov 2018 21:36

Instrument :

BNA_E

ClientSampleId :

KY038PS035-181112

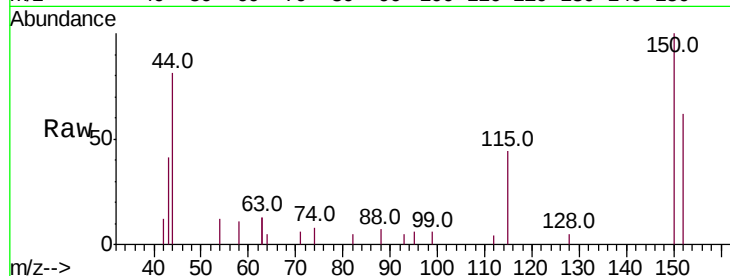
Tot Ion:152 Resp: 1260

Ion Ratio Lower Upper

152 100

150 161.3 127.5 191.3

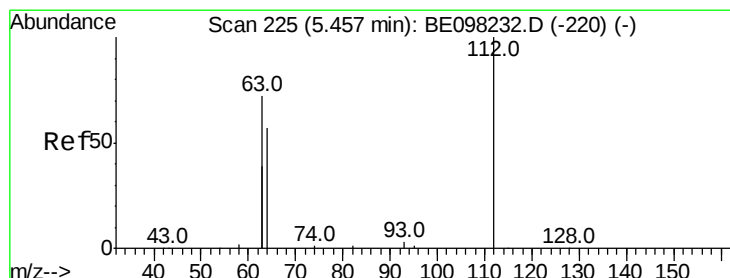
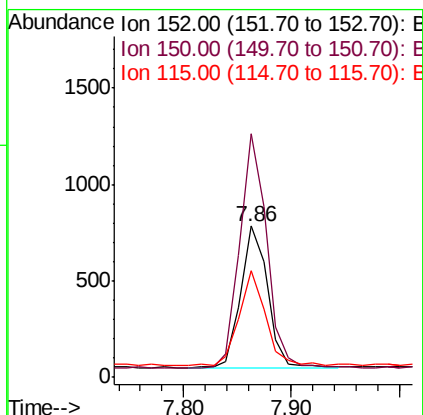
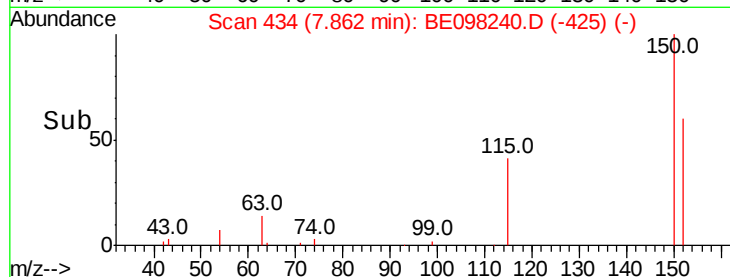
115 70.8 60.3 90.5



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



#4

2-Fluorophenol

Concen: 0.202 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

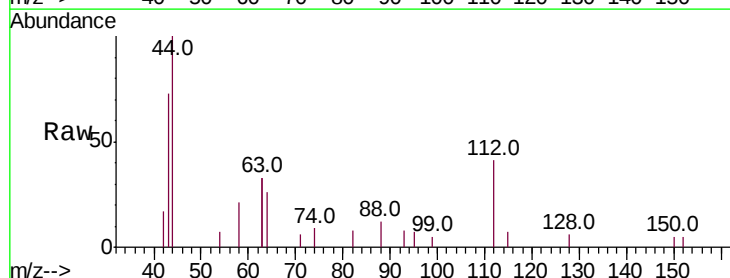
Tgt Ion:112 Resp: 681

Ion Ratio Lower Upper

112 100

64 78.0 61.7 92.5

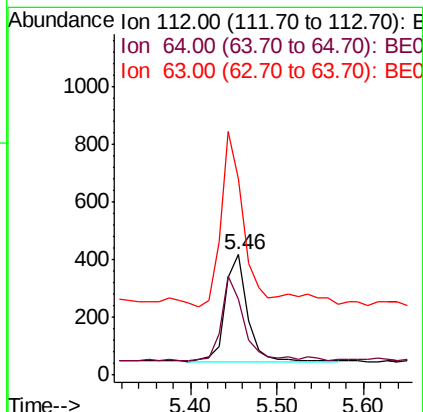
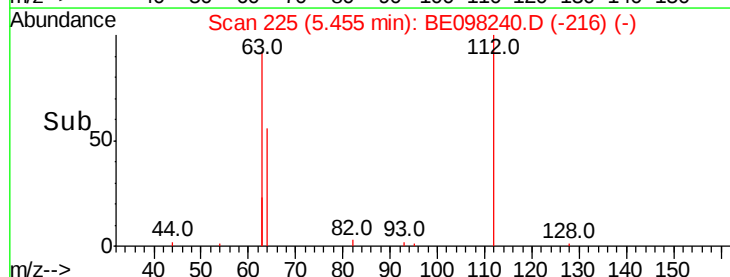
63 160.5 136.2 204.2

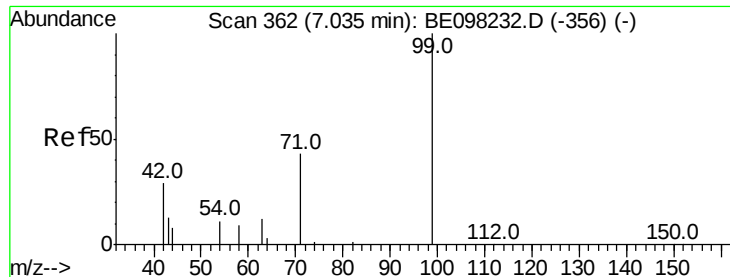


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.106 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.01 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

Instrument :

BNA_E

ClientSampleId :

KY038PS035-181112

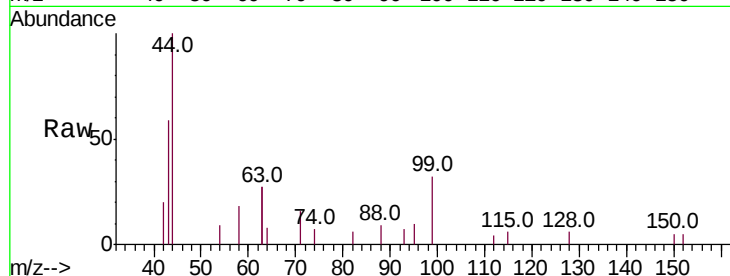
Tot Ion: 99 Resp: 565

Ion Ratio Lower Upper

99 100

42 47.4 27.1 40.7#

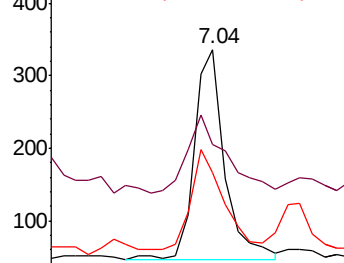
71 51.7 37.0 55.6



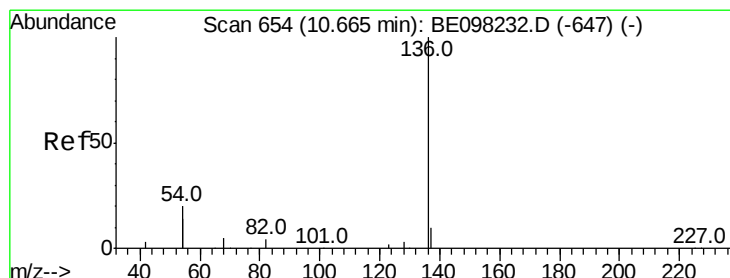
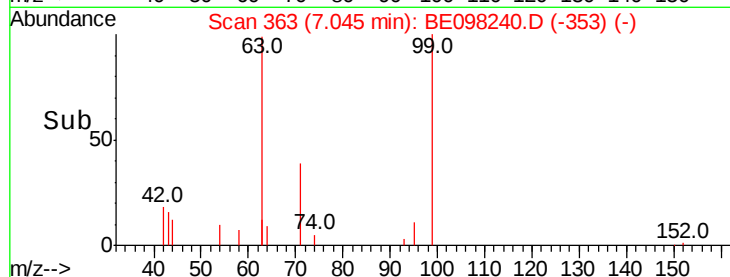
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

Tgt Ion: 136 Resp: 6261

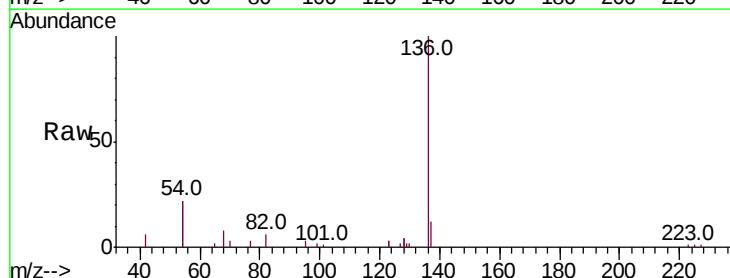
Ion Ratio Lower Upper

136 100

137 11.8 9.5 14.3

54 44.2 31.3 46.9

68 7.5 4.8 7.2#

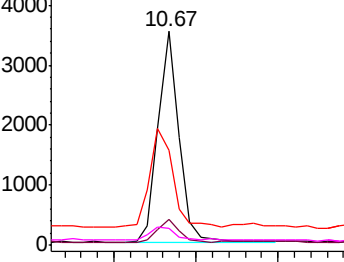


Abundance Ion 136.00 (135.70 to 136.70): E

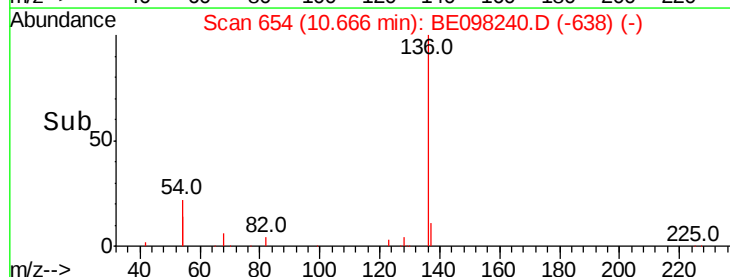
Ion 137.00 (136.70 to 137.70): E

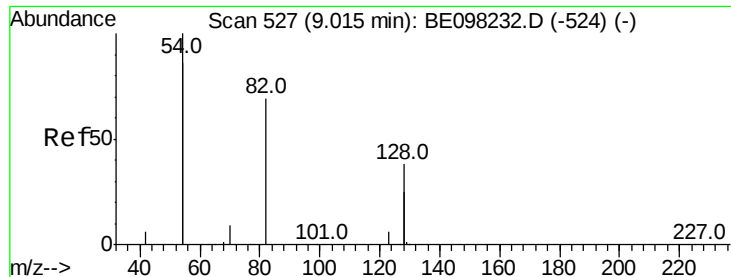
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.424 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

Instrument :

BNA_E

ClientSampleId :

KY038PS035-181112

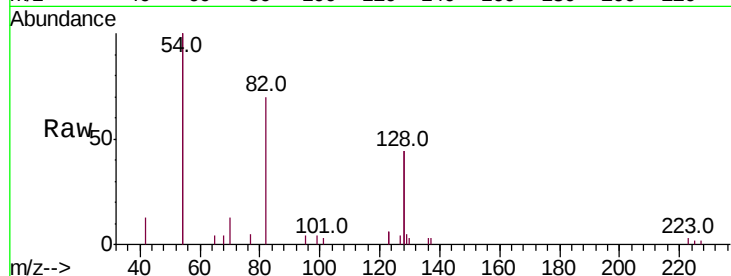
Tot Ion: 82 Resp: 2507

Ion Ratio Lower Upper

82 100

128 126.6 96.1 144.1

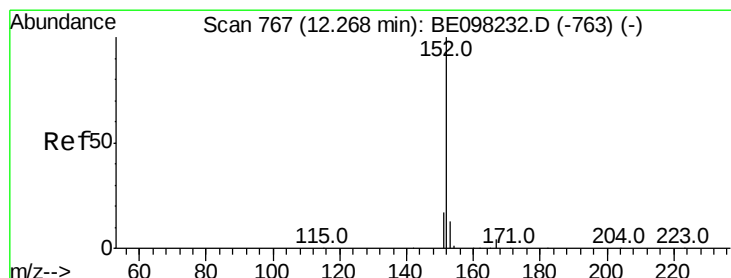
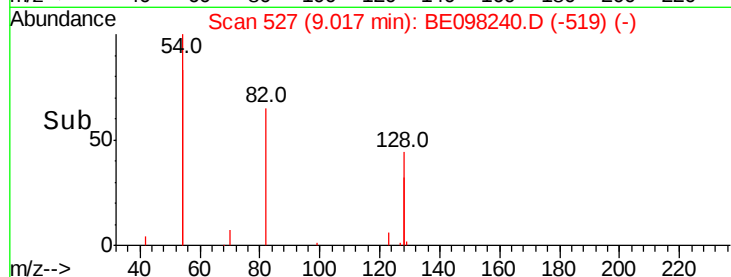
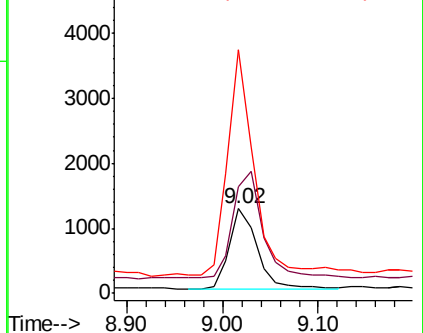
54 287.4 232.0 348.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.401 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098240.D

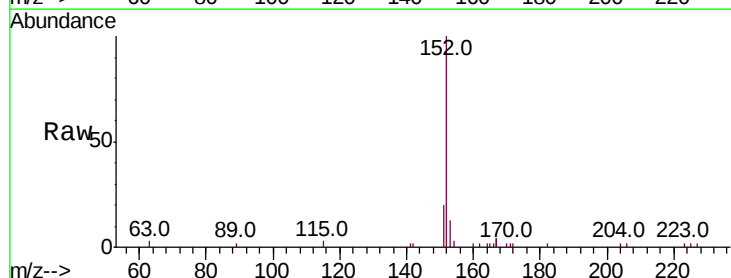
Acq: 16 Nov 2018 21:36

Tgt Ion: 152 Resp: 4407

Ion Ratio Lower Upper

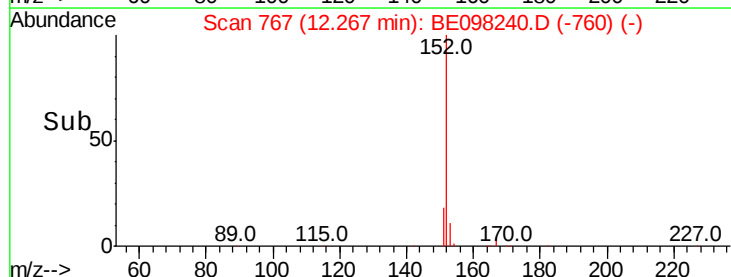
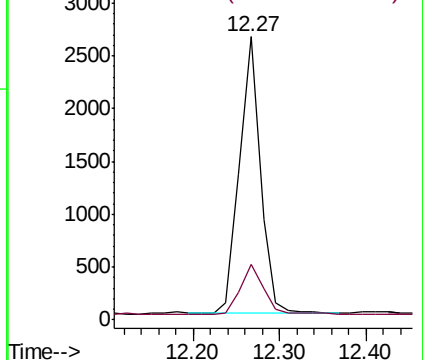
152 100

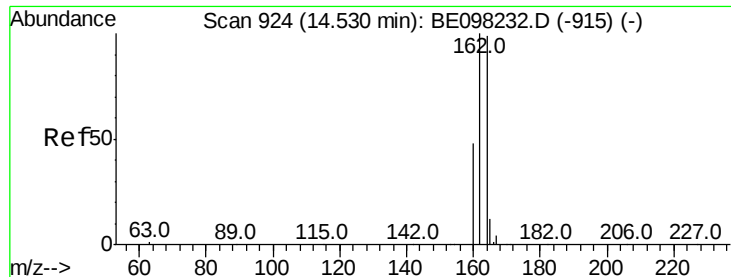
151 20.1 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

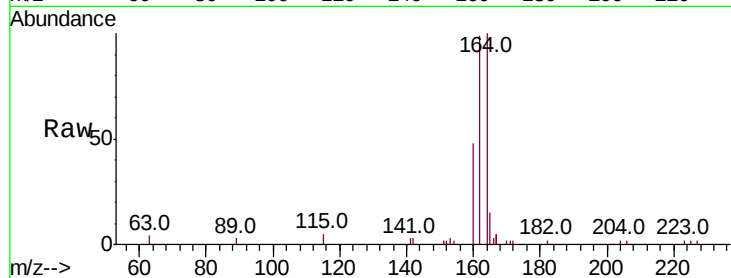




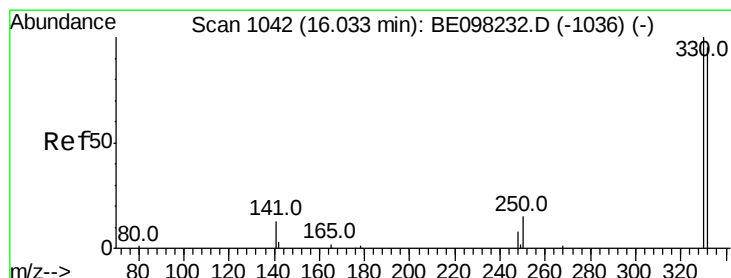
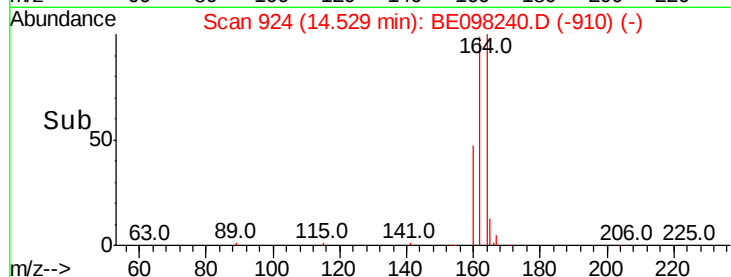
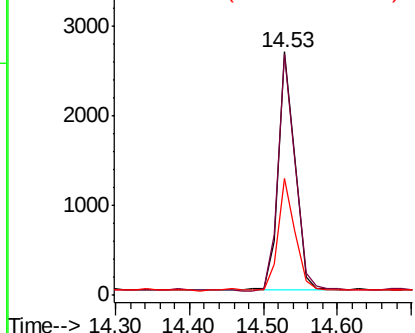
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Instrument :
BNA_E
ClientSampleId :
KY038PS035-181112

Tot Ion:164 Resp: 4288
Ion Ratio Lower Upper
164 100
162 99.0 81.8 122.6
160 48.0 39.4 59.0

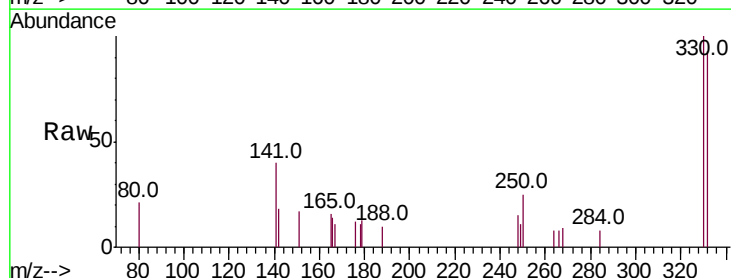


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

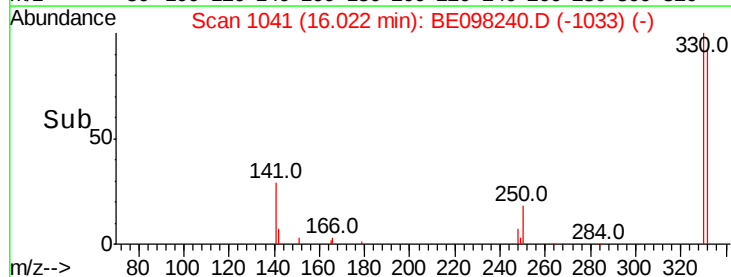
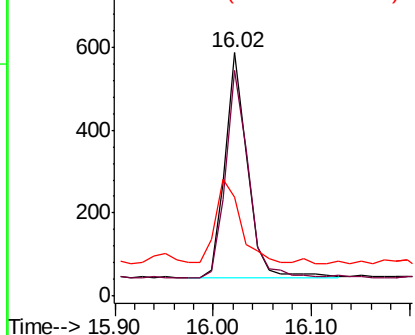


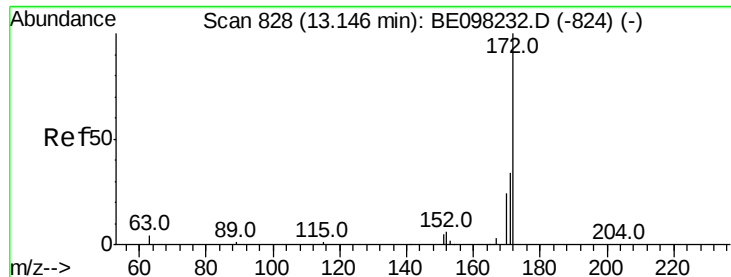
#14
2,4,6-Tribromophenol
Concen: 0.628 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Tgt Ion:330 Resp: 868
Ion Ratio Lower Upper
330 100
332 91.2 77.7 116.5
141 39.9 33.6 50.4



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

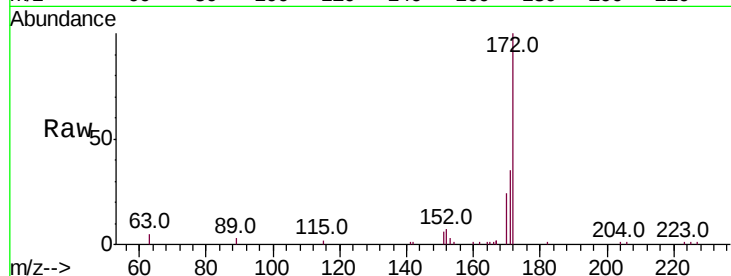




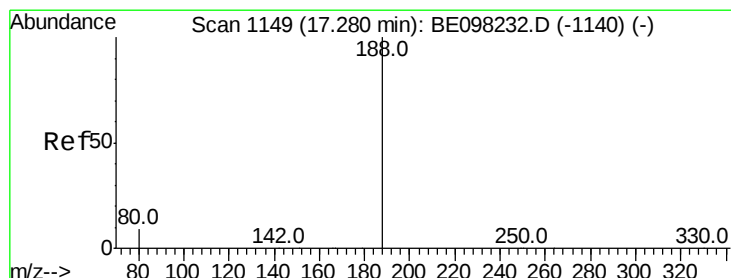
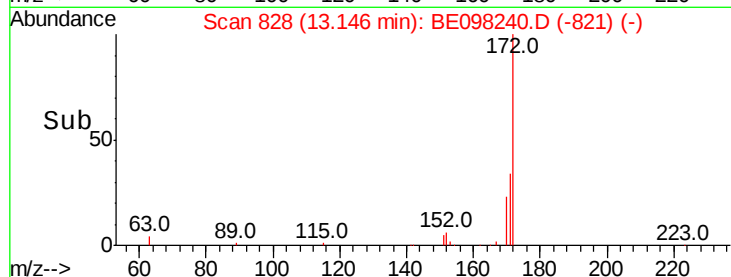
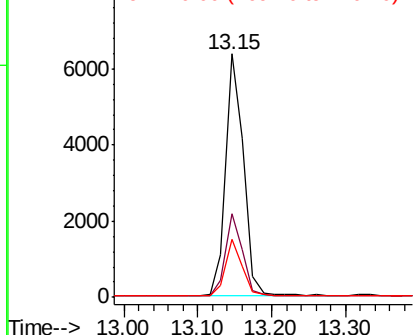
#15
2-Fluorobiphenyl
Concen: 0.568 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Instrument :
BNA_E
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KY038PS035-181112

Tot Ion:172 Resp: 10581
Ion Ratio Lower Upper
172 100
171 34.5 27.3 40.9
170 23.8 19.4 29.0

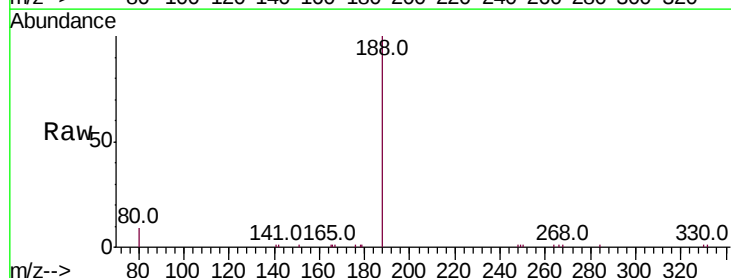


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

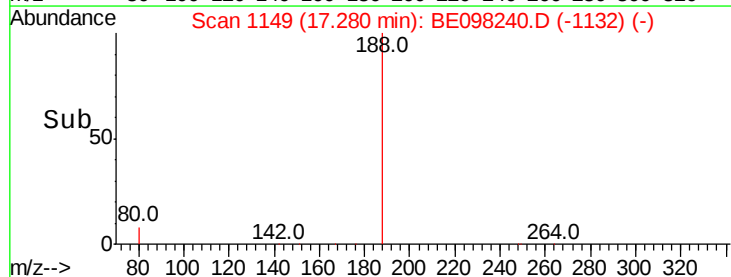
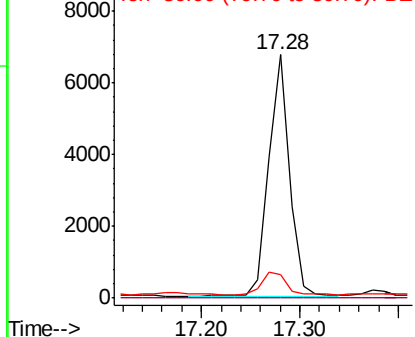


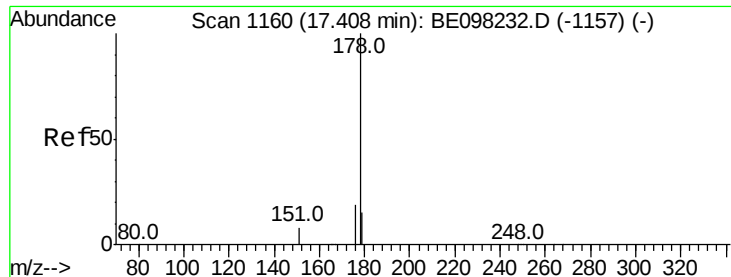
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Tgt Ion:188 Resp: 9756
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 6.7 10.1



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





#24

Anthracene

Concen: 0.028 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

Instrument :

BNA_E

ClientSampleId :

KY038PS035-181112

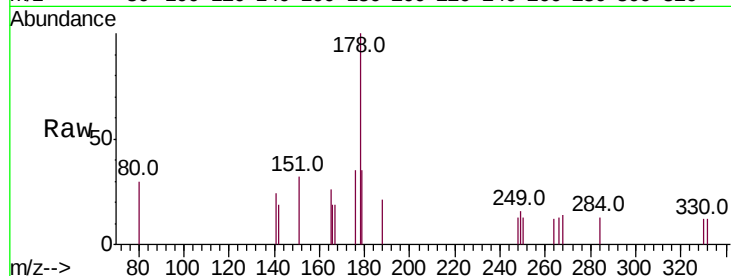
Tot Ion:178 Resp: 630

Ion Ratio Lower Upper

178 100

176 20.5 15.7 23.5

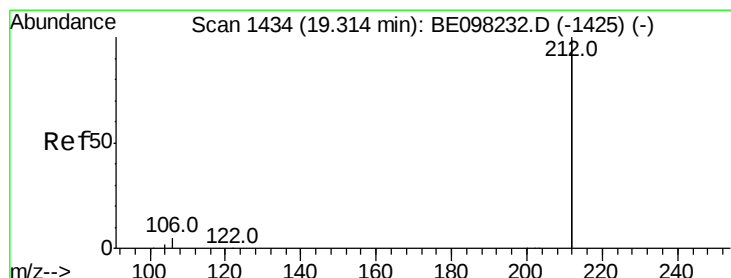
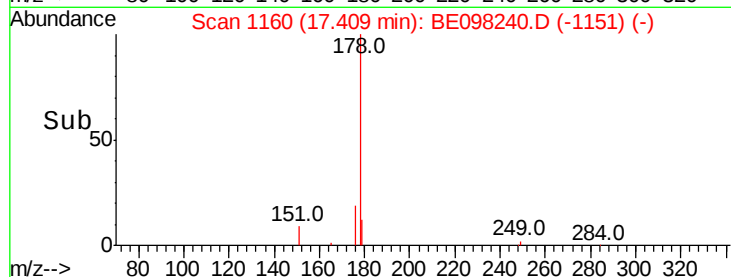
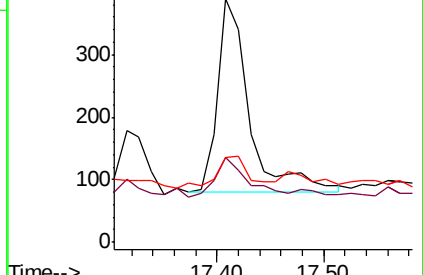
179 17.3 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.448 ng

RT: 19.31 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

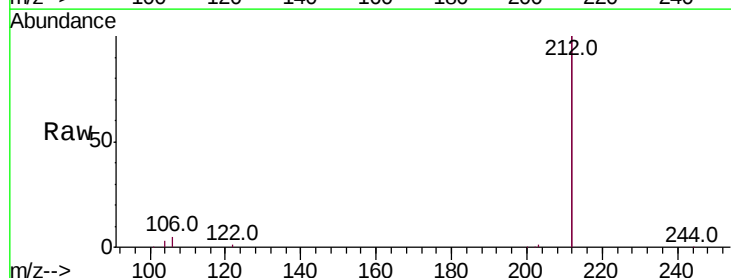
Tgt Ion:212 Resp: 53135

Ion Ratio Lower Upper

212 100

106 2.7 1.8 2.8

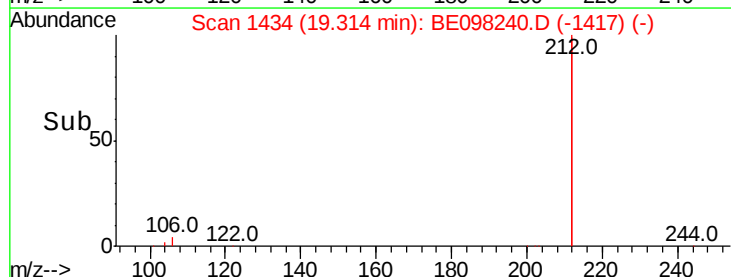
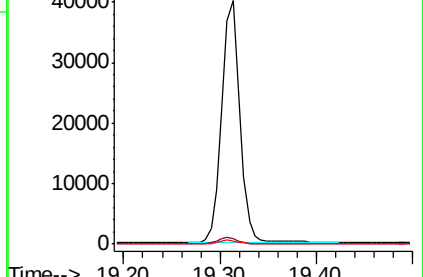
104 1.5 1.1 1.7

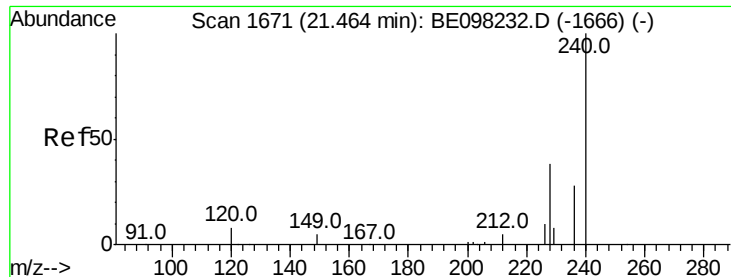


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE098240.D

Acq: 16 Nov 2018 21:36

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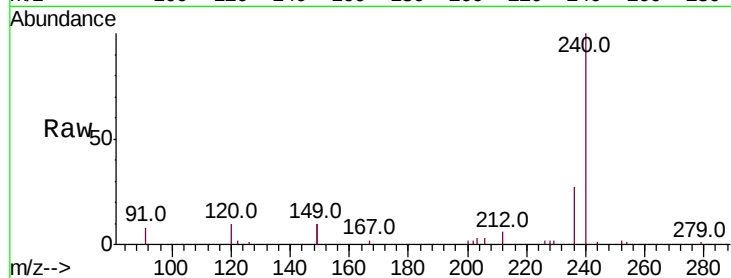
Tot Ion:240 Resp: 10824

Ion Ratio Lower Upper

240 100

120 10.2 4.8 7.2#

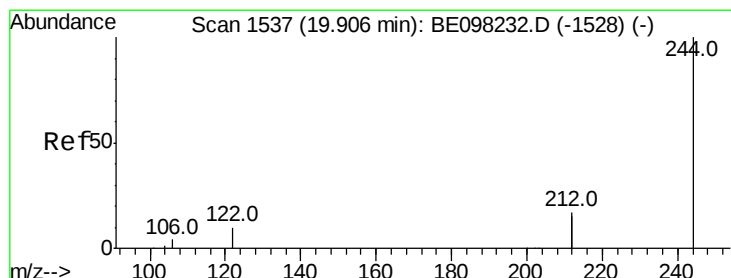
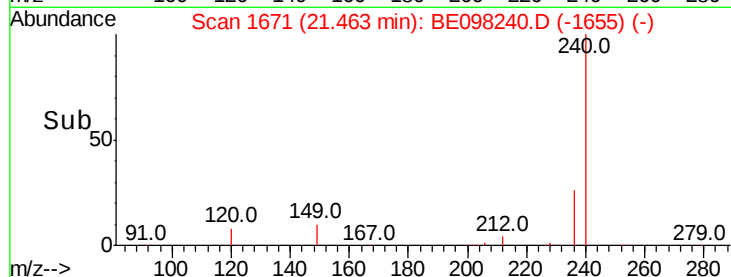
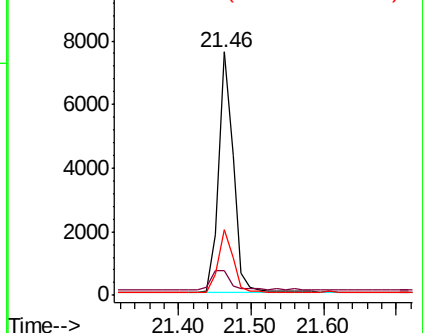
236 27.2 21.4 32.0



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: 0.484 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

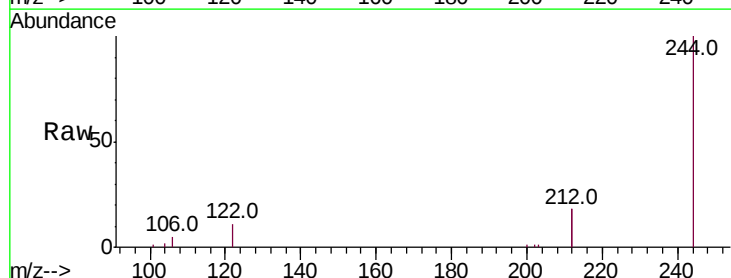
Tgt Ion:244 Resp: 12035

Ion Ratio Lower Upper

244 100

212 35.1 26.8 40.2

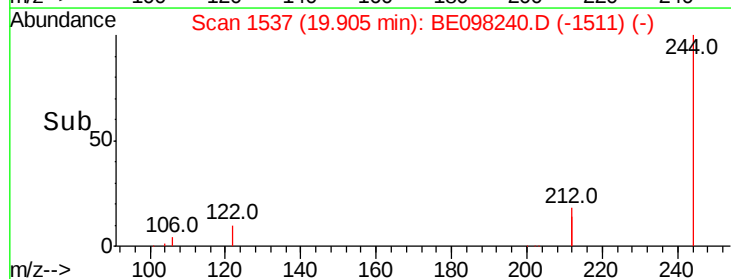
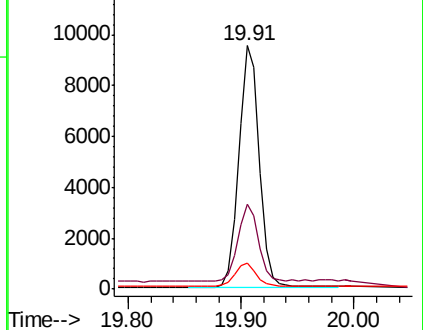
122 10.8 7.0 10.6#

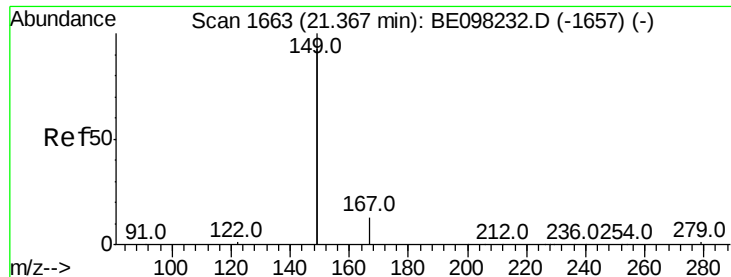


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

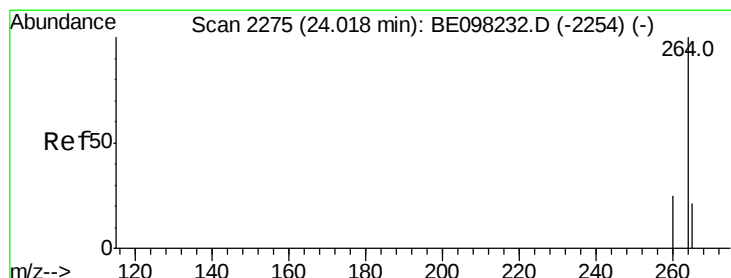
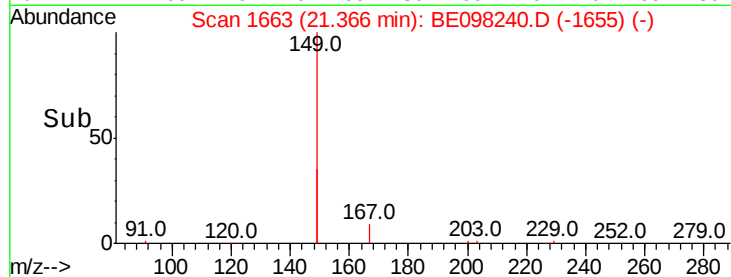
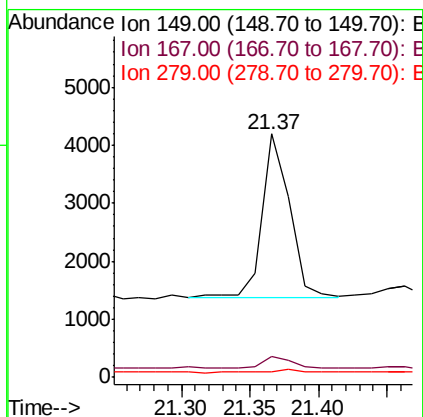
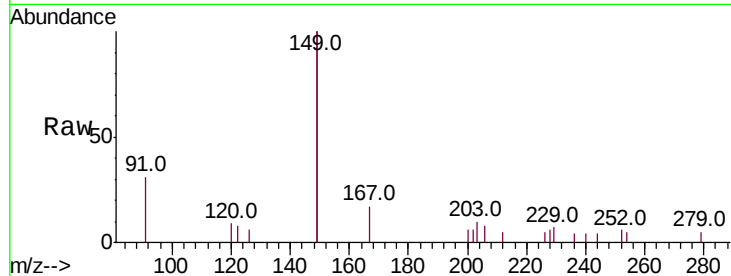




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.080 ng
 RT: 21.37 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BE098240.D
 Acq: 16 Nov 2018 21:36

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS035-181112

Tot Ion:149 Resp: 3896
 Ion Ratio Lower Upper
 149 100
 167 8.2 5.6 8.4
 279 2.8 0.9 1.3#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BE098240.D
 Acq: 16 Nov 2018 21:36

Tgt Ion:264 Resp: 10461
 Ion Ratio Lower Upper
 264 100
 260 26.3 19.9 29.9
 265 27.5 21.3 31.9

