

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\
 Data File : BE097750.D
 Acq On : 5 Oct 2018 11:50
 Operator : SJ/JU
 Sample : J5189-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 05 14:04:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 03 12:17:19 2018
 Response via : Initial Calibration

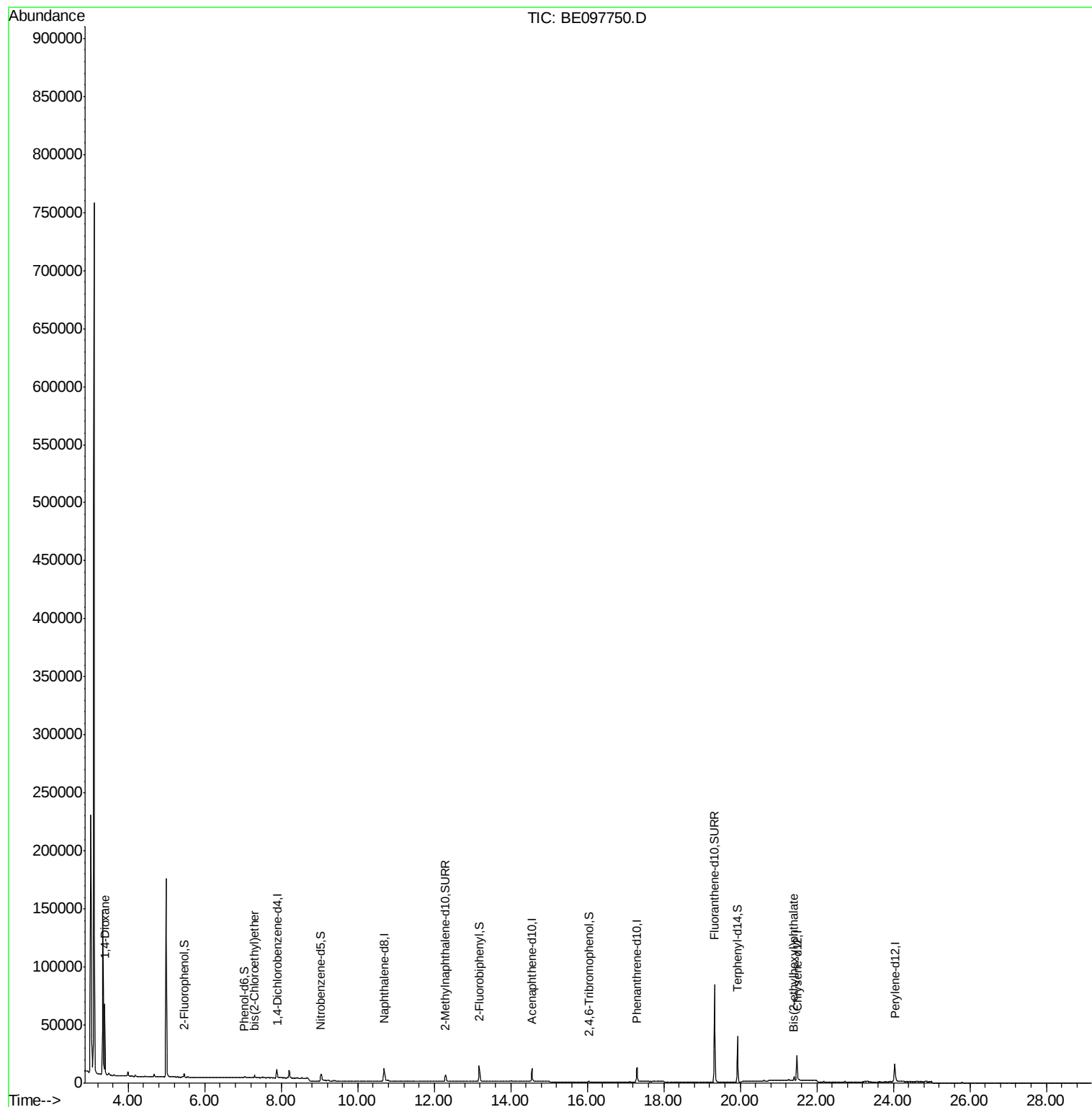
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	3501	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	13477	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	7234	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	20599	0.40	ng	0.00
27) Chrysene-d12	21.49	240	27090	0.40	ng	0.00
34) Perylene-d12	24.04	264	25187	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1519	0.18	ng	0.00
5) Phenol-d6	7.04	99	1260	0.10	ng	0.00
8) Nitrobenzene-d5	9.04	82	2918	0.67	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	8145	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	585	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	14801	0.46	ng	-0.01
25) Fluoranthene-d10	19.33	212	115891	0.44	ng	0.00
29) Terphenyl-d14	19.93	244	33535	0.61	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.39	88	33797	4.845	ng	97
6) bis(2-Chloroethyl)ether	7.31	93	868	0.066	ng	99
32) Bis(2-ethylhexyl)phthalate	21.40	149	4616	0.087	ng	99

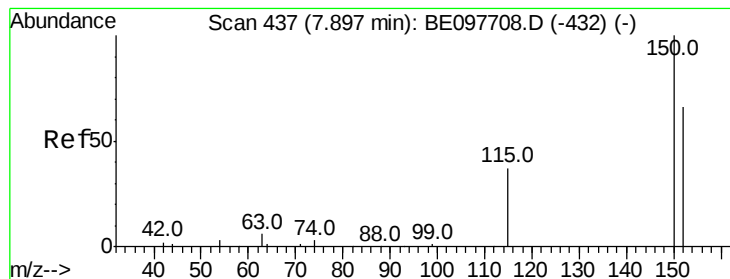
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\
Data File : BE097750.D
Acq On : 5 Oct 2018 11:50
Operator : SJ/JU
Sample : J5189-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 05 14:04:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration



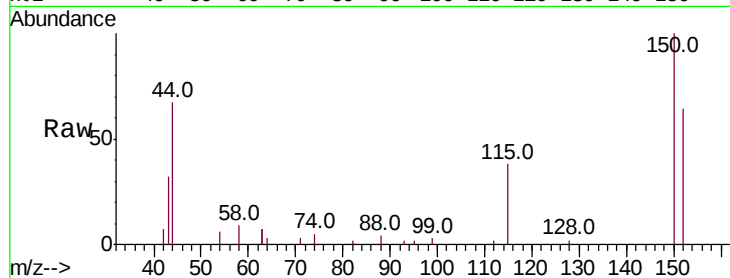


#1

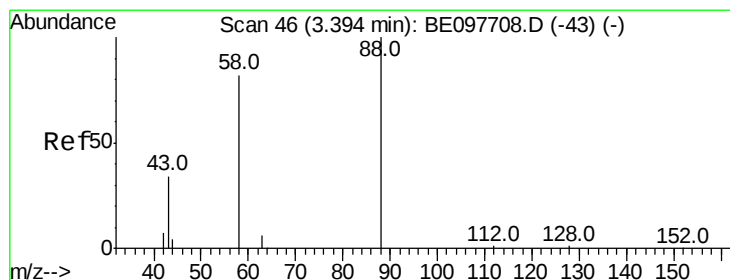
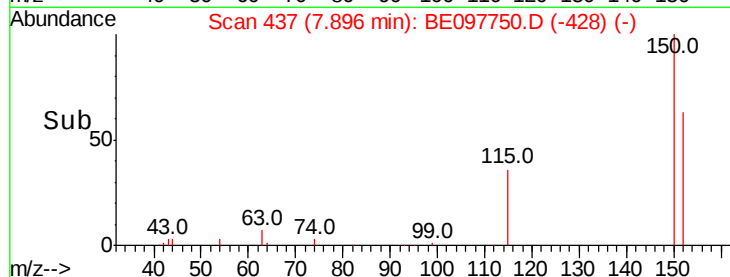
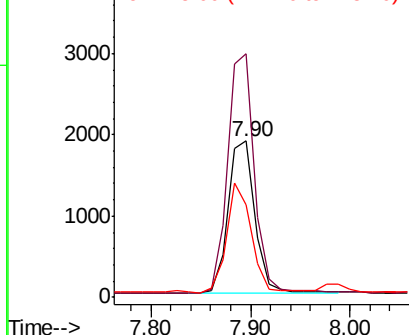
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. -0.00 min
Lab File: BE097750.D
Acq: 5 Oct 2018 11:50

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3501
Ion Ratio Lower Upper
152 100
150 155.6 120.9 181.3
115 58.9 46.6 69.8



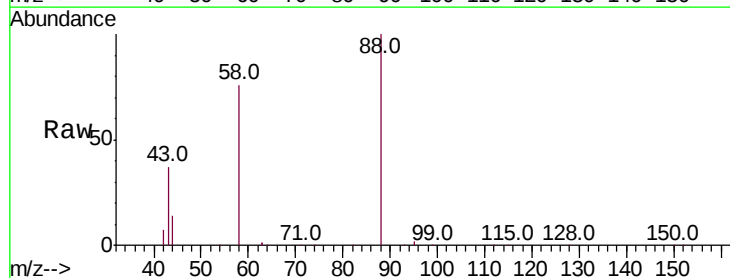
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



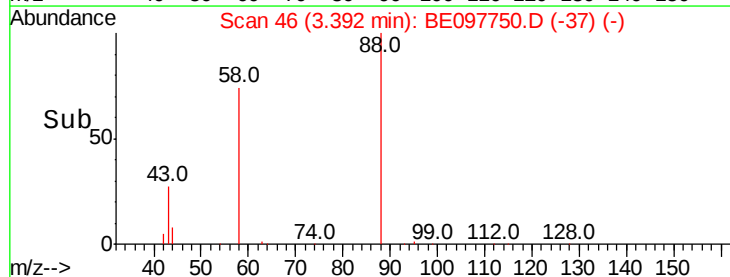
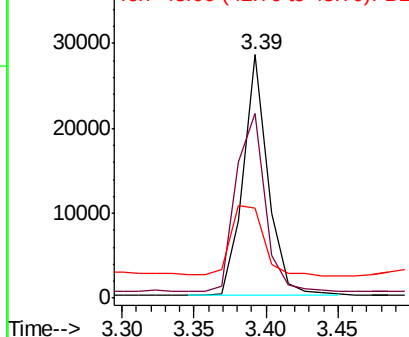
#2

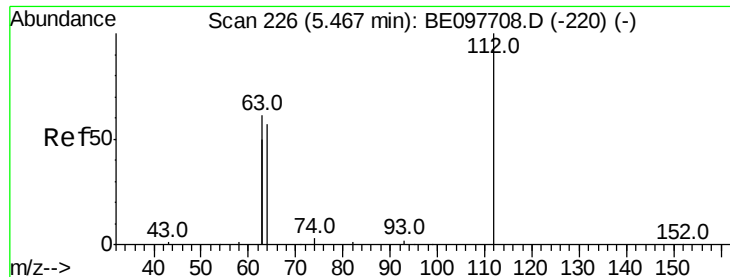
1,4-Dioxane
Concen: 4.845 ng
RT: 3.39 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE097750.D
Acq: 5 Oct 2018 11:50

Tgt Ion: 88 Resp: 33797
Ion Ratio Lower Upper
88 100
58 87.1 70.8 106.2
43 38.4 33.3 49.9



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: 0.183 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097750.D

Acq: 5 Oct 2018 11:50

Instrument :

BNA_E

ClientSampleId :

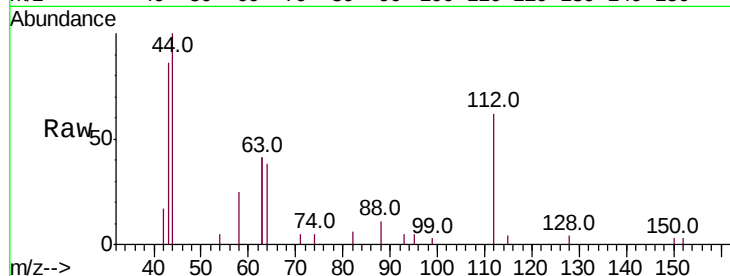
Tot Ion:112 Resp: 1519

Ion Ratio Lower Upper

112 100

64 71.5 56.6 84.8

63 151.7 119.4 179.0

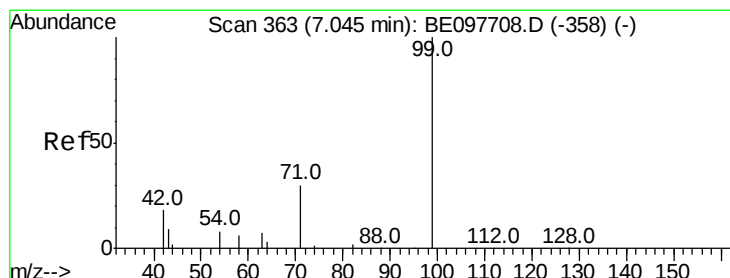
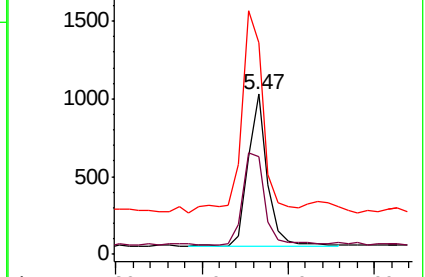
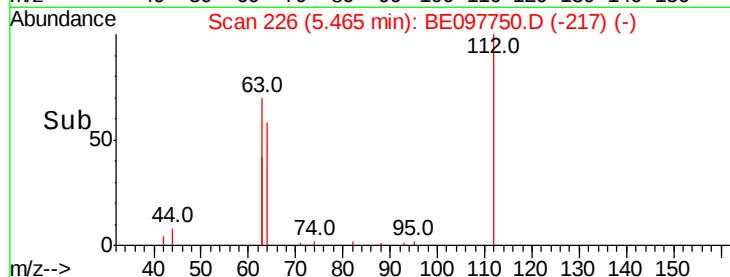


Abundance Ion 112.00 (111.70 to 112.70): BE097750.D (-217) (-)

Ion 64.00 (63.70 to 64.70): BE097750.D (-217) (-)

Ion 63.00 (62.70 to 63.70): BE097750.D (-217) (-)

Time--> 5.30 5.40 5.50 5.60



#5

Phenol-d6

Concen: 0.099 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097750.D

Acq: 5 Oct 2018 11:50

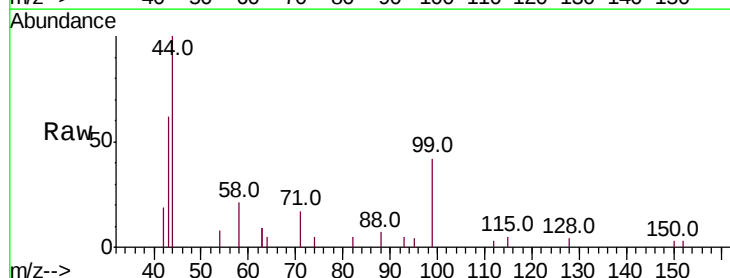
Tgt Ion: 99 Resp: 1260

Ion Ratio Lower Upper

99 100

42 31.4 19.9 29.9#

71 37.9 25.4 38.2

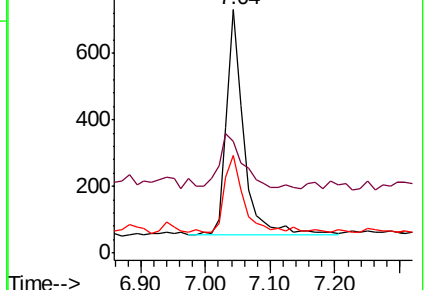
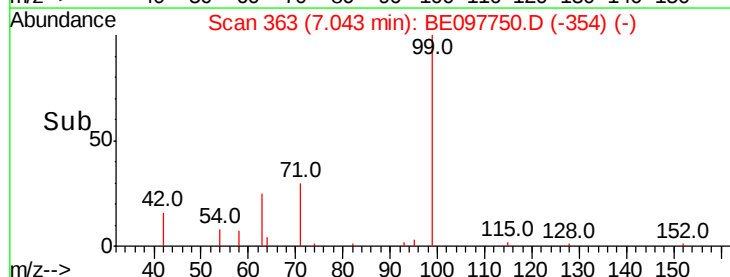


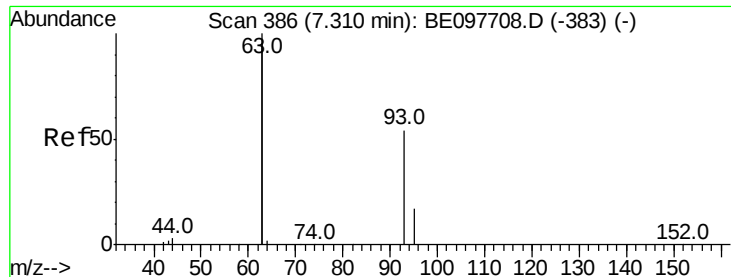
Abundance Ion 99.00 (98.70 to 99.70): BE097750.D (-354) (-)

Ion 42.00 (41.70 to 42.70): BE097750.D (-354) (-)

Ion 71.00 (70.70 to 71.70): BE097750.D (-354) (-)

Time--> 6.90 7.00 7.10 7.20





#6

bis(2-Chloroethyl)ether

Concen: 0.066 ng

RT: 7.31 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE097750.D

Acq: 5 Oct 2018 11:50

Instrument :

BNA_E

ClientSampled :

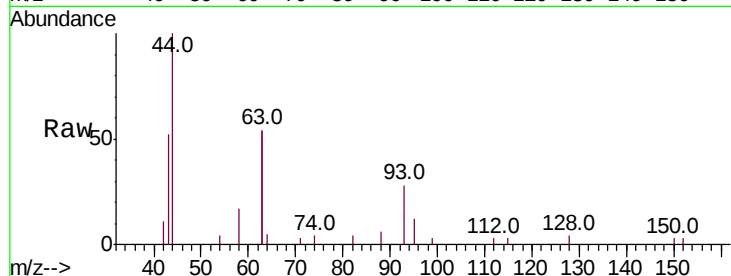
Tot Ion: 93 Resp: 868

Ion Ratio Lower Upper

93 100

63 332.7 266.9 400.3

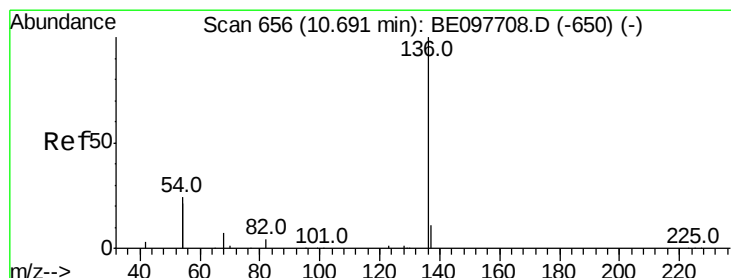
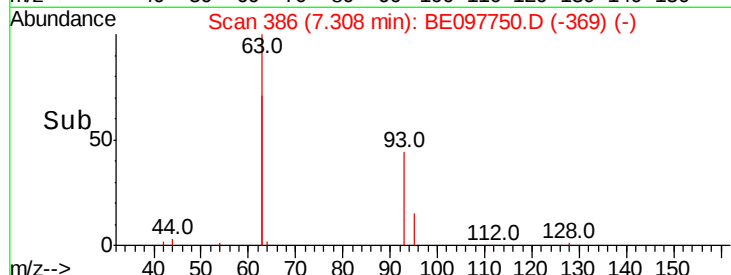
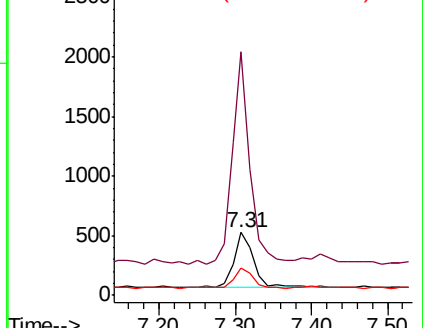
95 35.3 26.2 39.2



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 657

Delta R.T. 0.00 min

Lab File: BE097750.D

Acq: 5 Oct 2018 11:50

Tgt Ion:136 Resp: 13477

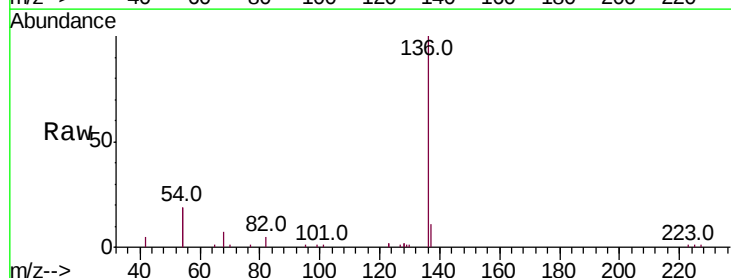
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 38.9 37.8 56.6

68 7.2 6.4 9.6

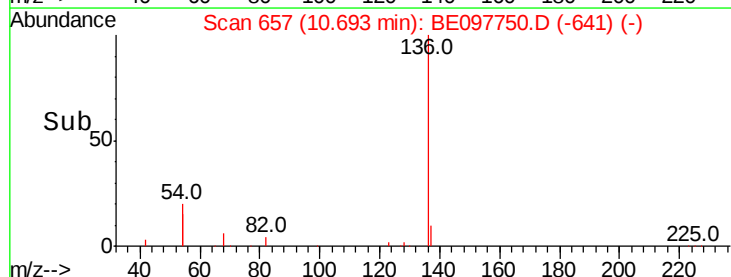
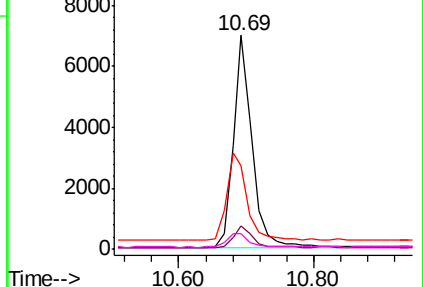


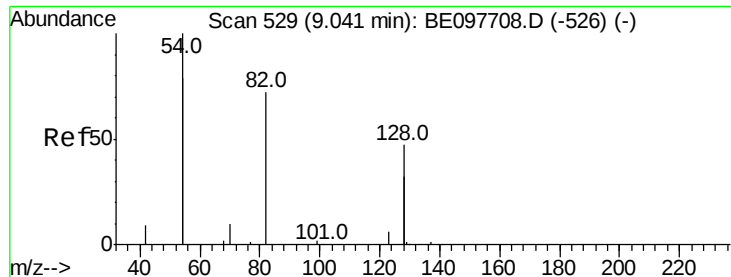
Abundance Ion 136.00 (135.70 to 136.70): E

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

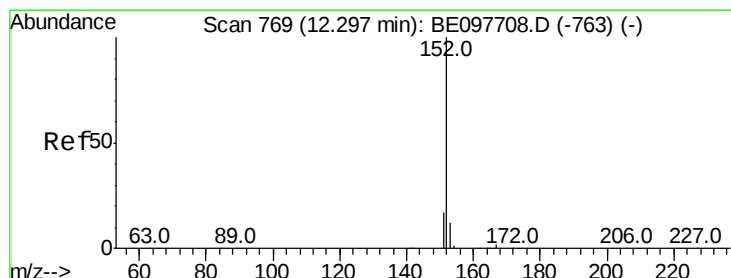
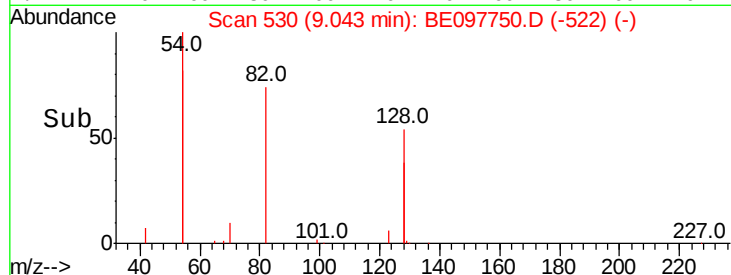
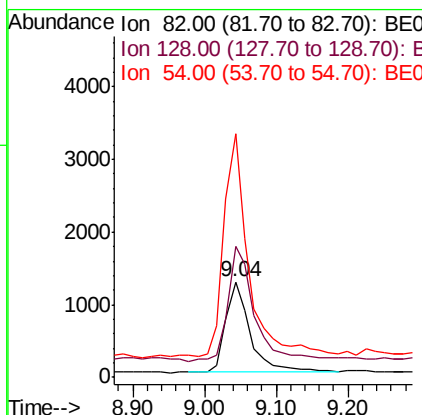
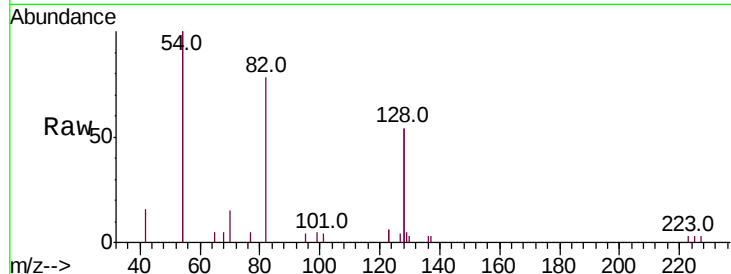




#8
 Nitrobenzene-d5
 Concen: 0.667 ng
 RT: 9.04 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: BE097750.D
 Acq: 5 Oct 2018 11:50

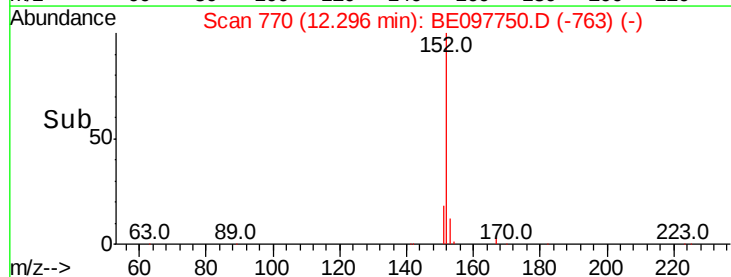
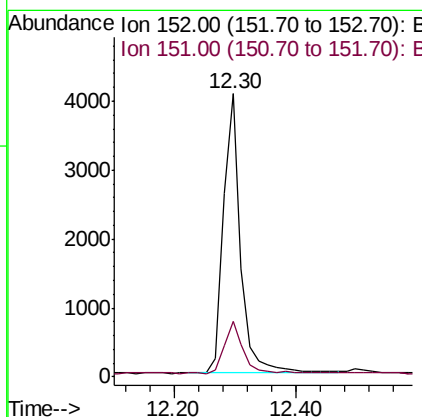
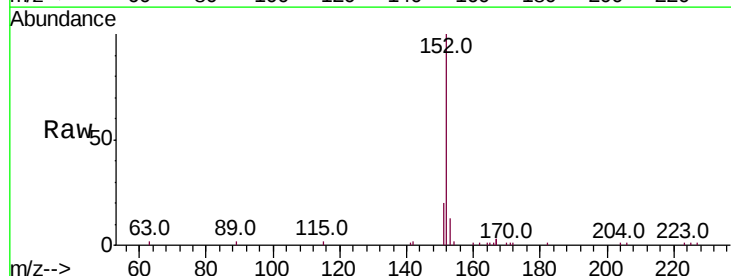
Instrument :
 BNA_E
 ClientSampleId :

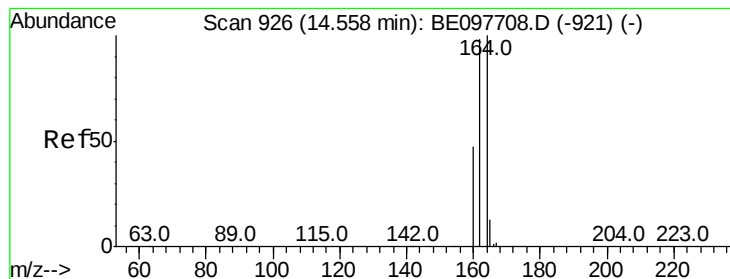
Tot Ion: 82 Resp: 2918
 Ion Ratio Lower Upper
 82 100
 128 137.7 97.0 145.4
 54 255.9 206.9 310.3



#11
 2-Methylnaphthalene-d10
 Concen: 0.380 ng
 RT: 12.30 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BE097750.D
 Acq: 5 Oct 2018 11:50

Tgt Ion: 152 Resp: 8145
 Ion Ratio Lower Upper
 152 100
 151 19.9 15.4 23.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 927

Delta R.T. -0.00 min

Lab File: BE097750.D

Acq: 5 Oct 2018 11:50

Instrument :

BNA_E

ClientSampleId :

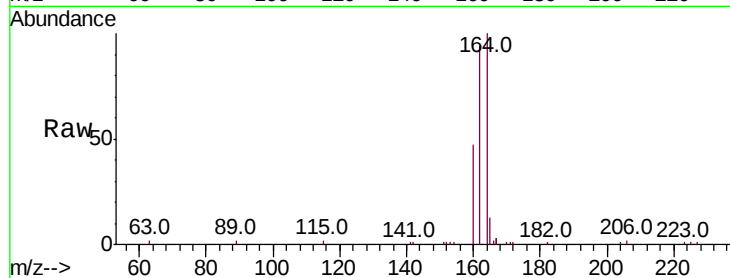
Tot Ion:164 Resp: 7234

Ion Ratio Lower Upper

164 100

162 94.5 78.6 117.8

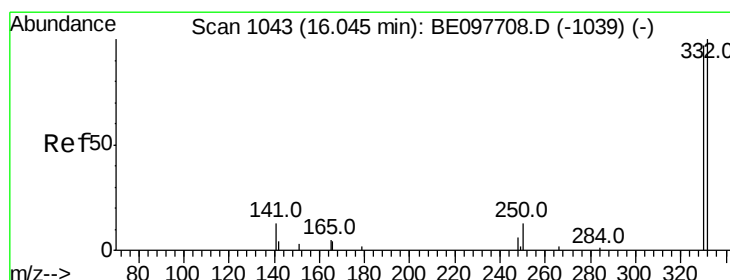
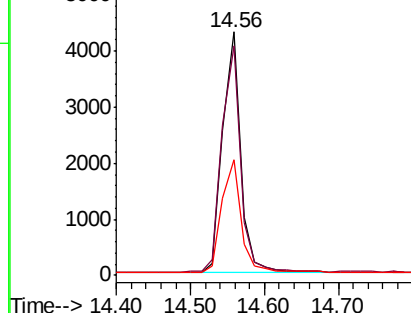
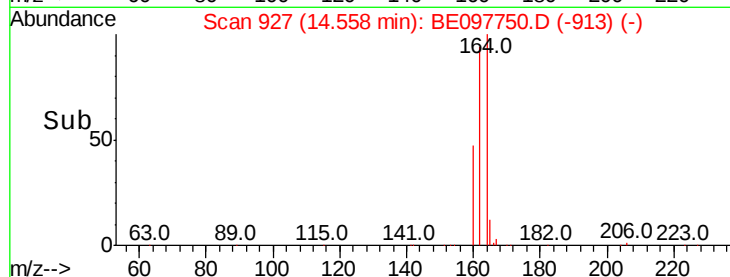
160 47.3 37.8 56.6



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: 0.446 ng

RT: 16.04 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BE097750.D

Acq: 5 Oct 2018 11:50

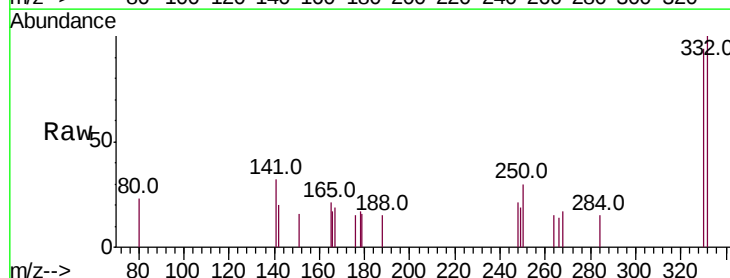
Tgt Ion:330 Resp: 585

Ion Ratio Lower Upper

330 100

332 103.9 83.5 125.3

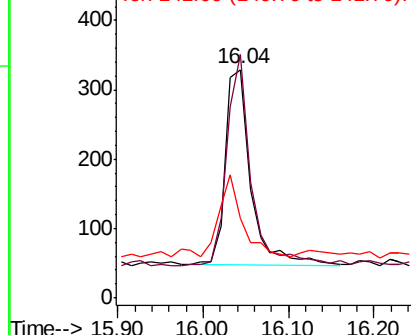
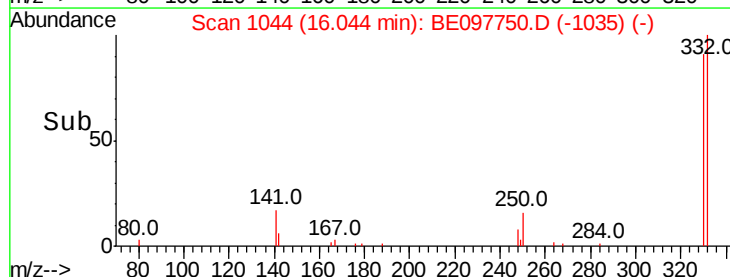
141 41.0 34.9 52.3

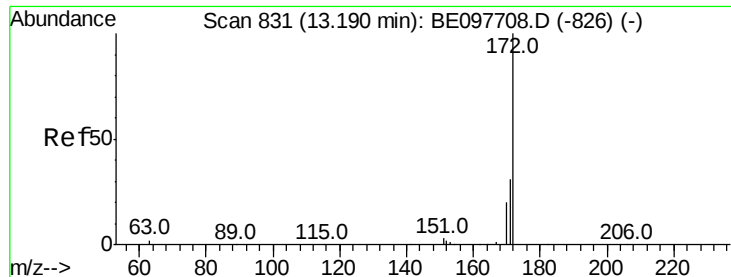


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

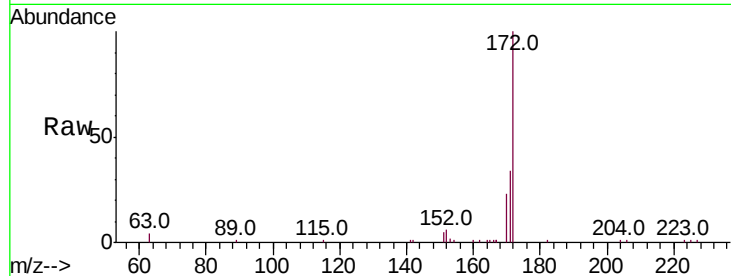




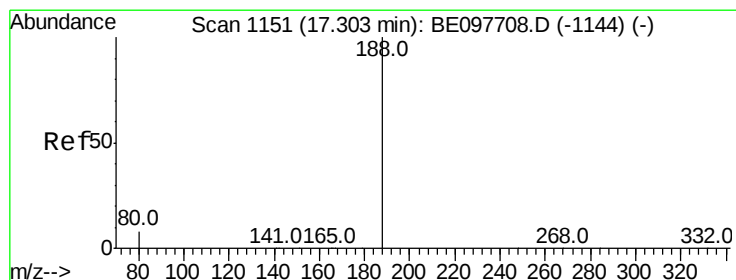
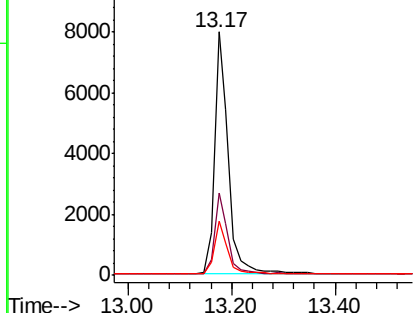
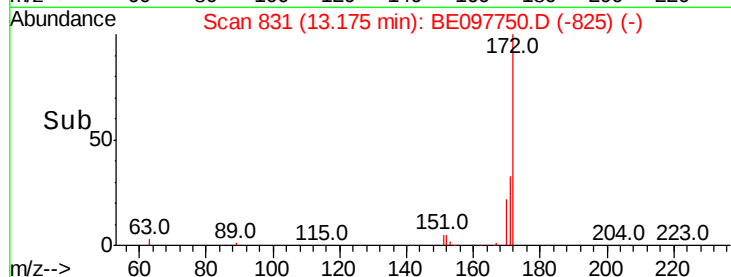
#15
2-Fluorobiphenyl
Concen: 0.465 ng
RT: 13.17 min Scan# 831
Delta R.T. -0.01 min
Lab File: BE097750.D
Acq: 5 Oct 2018 11:50

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 14801
Ion Ratio Lower Upper
172 100
171 33.7 25.2 37.8
170 22.5 16.2 24.2

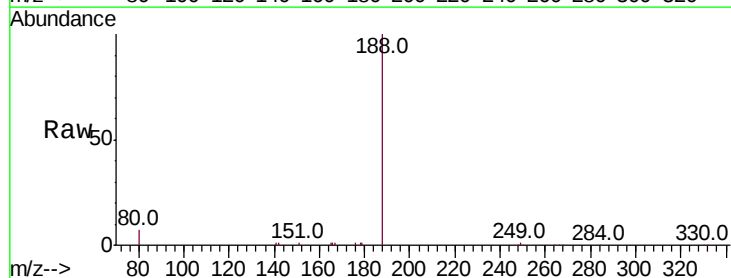


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

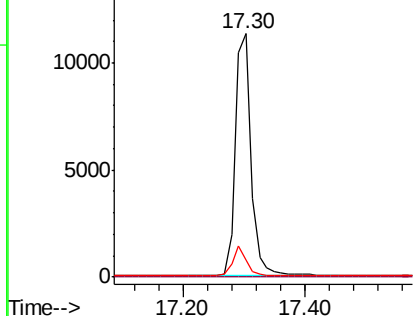
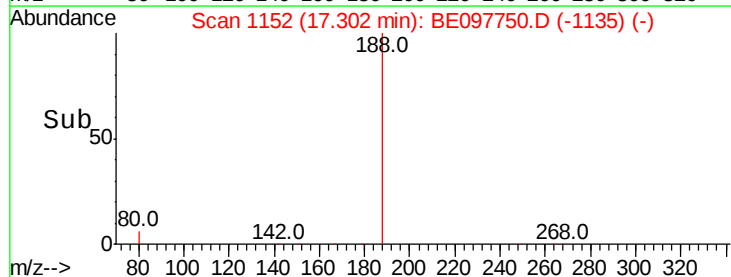


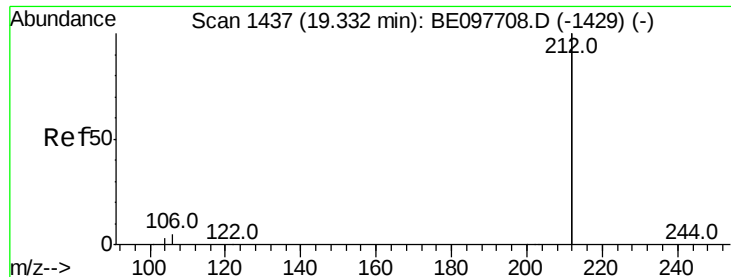
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE097750.D
Acq: 5 Oct 2018 11:50

Tgt Ion:188 Resp: 20599
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.2 6.6 9.8



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





#25

Fluoranthene-d10

Concen: 0.444 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BE097750.D

Acq: 5 Oct 2018 11:50

Instrument :

BNA_E

ClientSampled :

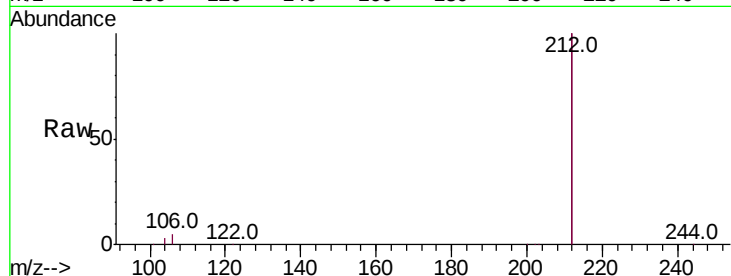
Tot Ion:212 Resp: 115891

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

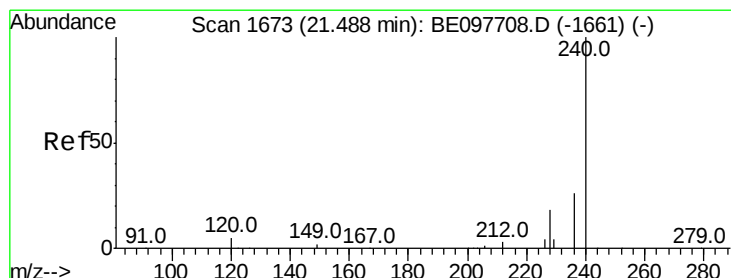
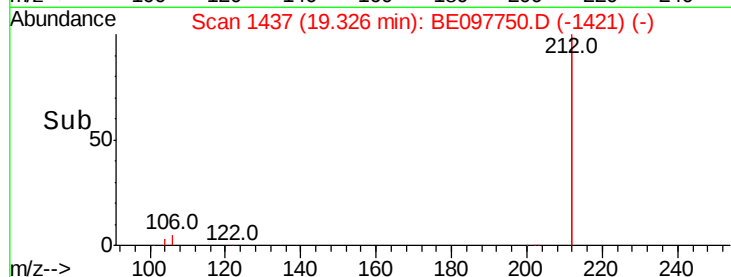
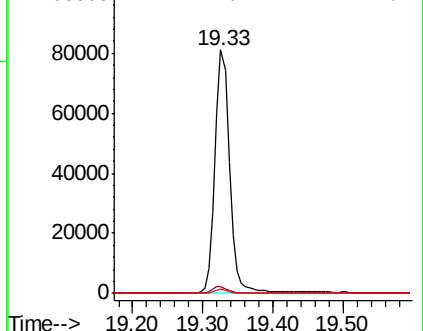
104 1.5 1.2 1.8



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: 21.49 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BE097750.D

Acq: 5 Oct 2018 11:50

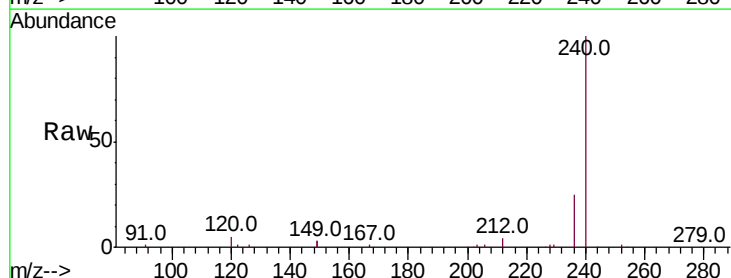
Tgt Ion:240 Resp: 27090

Ion Ratio Lower Upper

240 100

120 4.6 4.7 7.1#

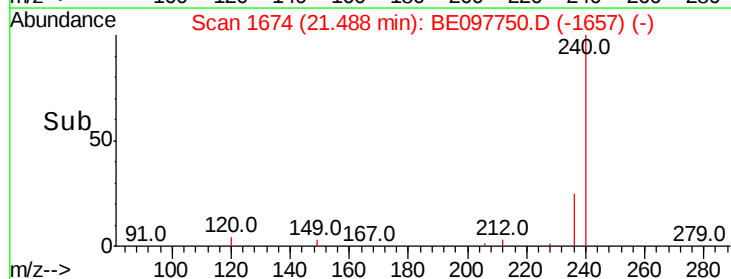
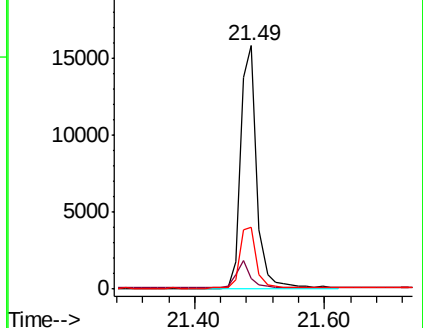
236 25.5 20.8 31.2

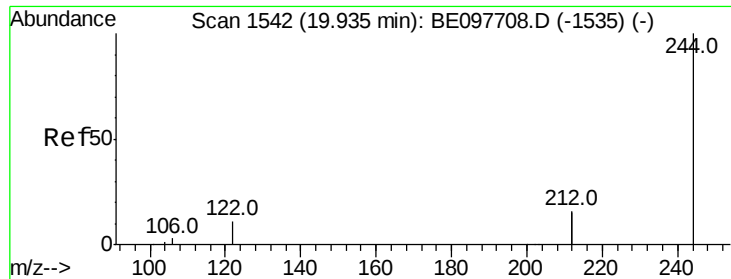


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.606 ng

RT: 19.93 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BE097750.D

Acq: 5 Oct 2018 11:50

Instrument :

BNA_E

ClientSampleId :

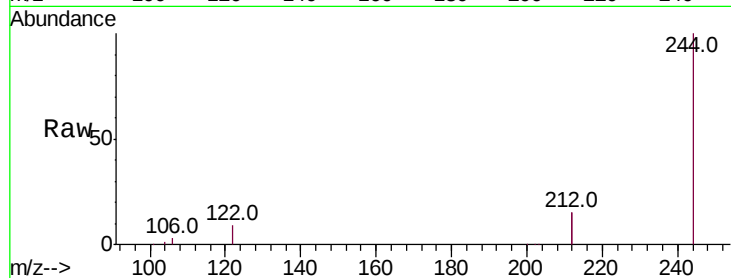
Tot Ion:244 Resp: 33535

Ion Ratio Lower Upper

244 100

212 30.4 25.8 38.8

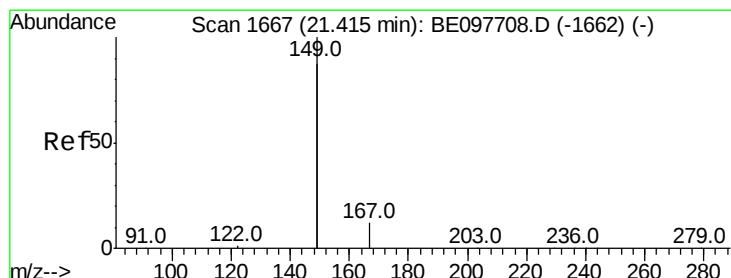
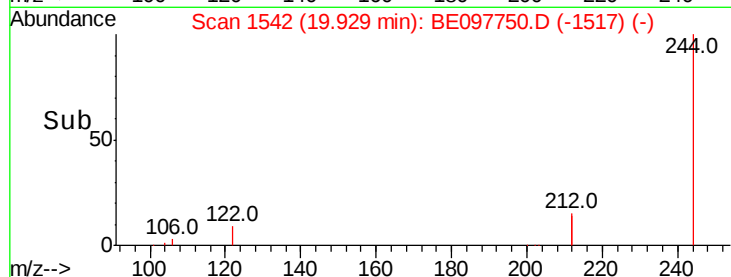
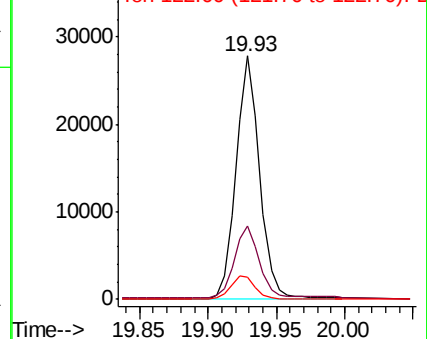
122 9.3 8.7 13.1



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: 0.087 ng

RT: 21.40 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BE097750.D

Acq: 5 Oct 2018 11:50

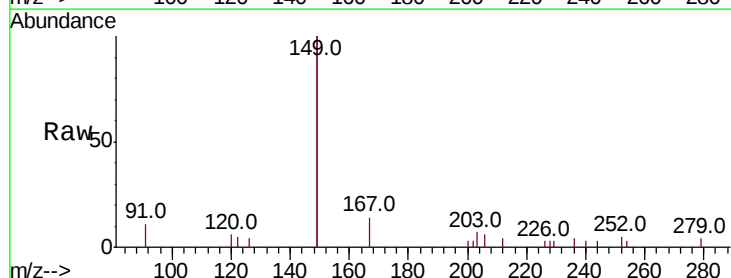
Tgt Ion:149 Resp: 4616

Ion Ratio Lower Upper

149 100

167 7.5 5.5 8.3

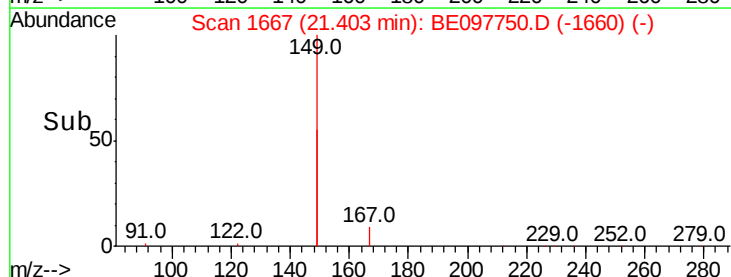
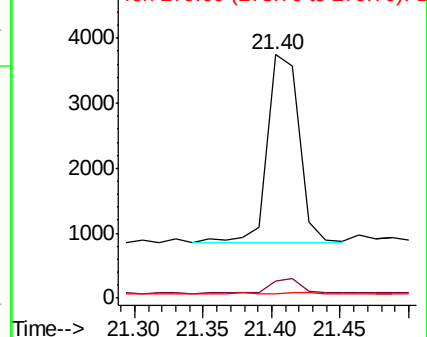
279 1.1 0.9 1.3

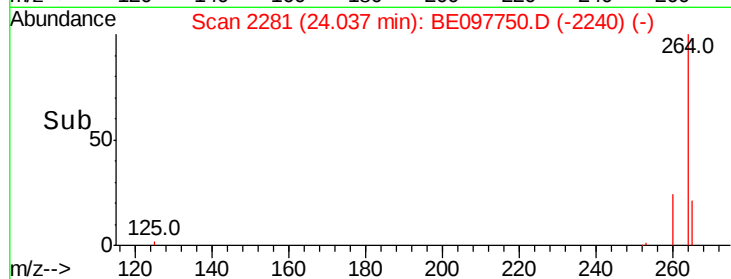
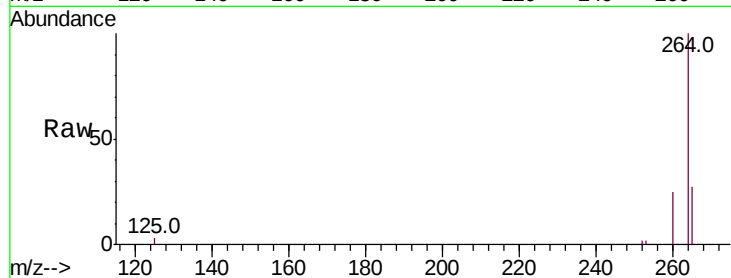
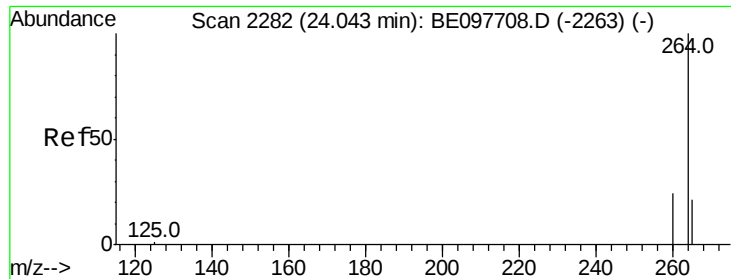


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.04 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BE097750.D

Acq: 5 Oct 2018 11:50

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 25187

Ion Ratio Lower Upper

264 100

260 24.8 19.1 28.7

265 26.8 21.9 32.9

