

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101618\
 Data File : BE097915.D
 Acq On : 16 Oct 2018 18:13
 Operator : SJ/JU
 Sample : J5393-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 17 07:03:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

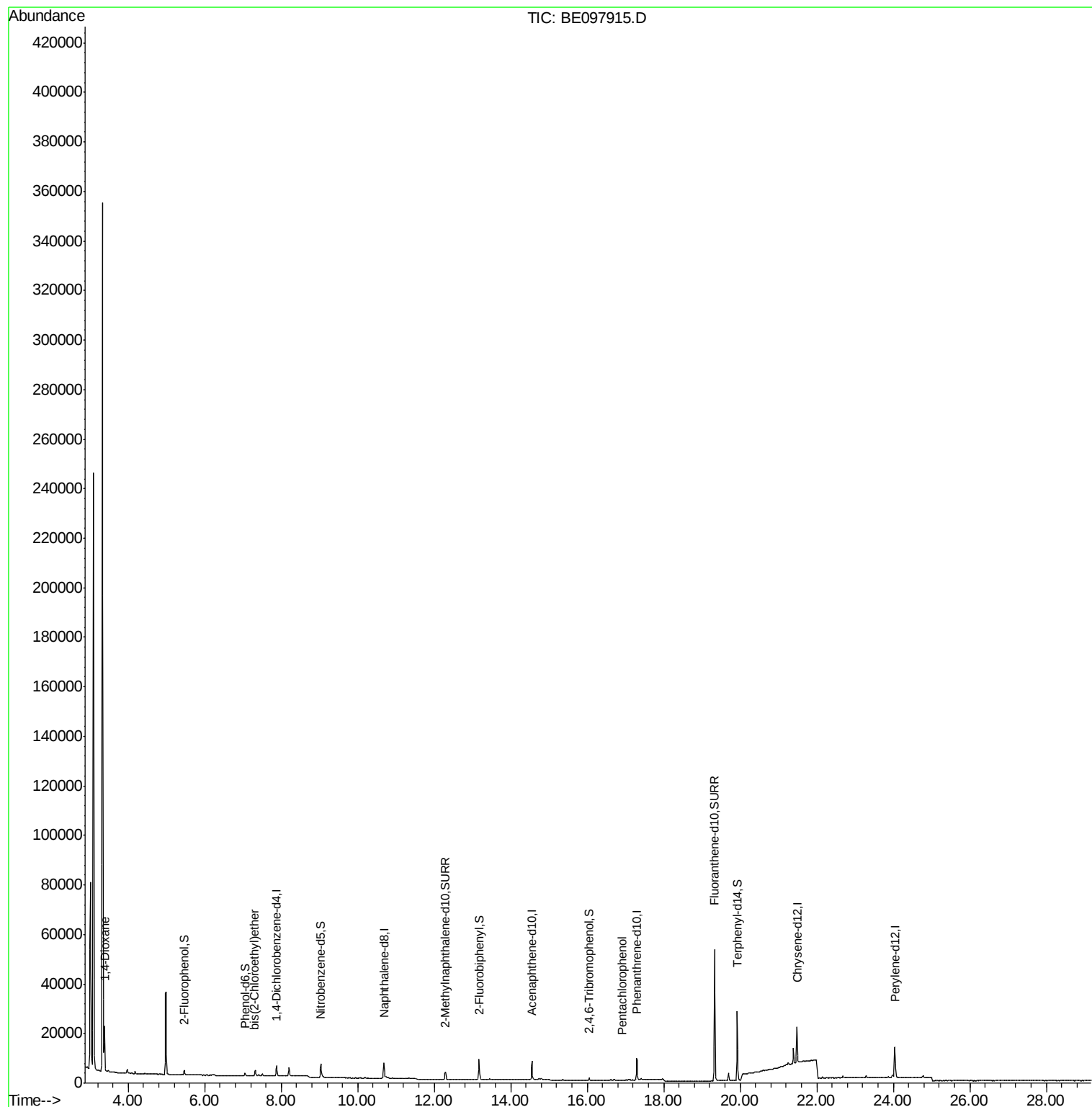
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1945	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7994	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	4875	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	13531	0.40	ng	-0.01
27) Chrysene-d12	21.49	240	18010	0.40	ng	0.00
34) Perylene-d12	24.04	264	18594	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1082	0.18	ng	0.00
5) Phenol-d6	7.06	99	840	0.09	ng	0.00
8) Nitrobenzene-d5	9.04	82	2704	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	4687	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.05	330	674	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	8043	0.40	ng	0.00
25) Fluoranthene-d10	19.33	212	71286	0.39	ng	0.00
29) Terphenyl-d14	19.92	244	23831	0.58	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	9455	2.788	ng	93
6) bis(2-Chloroethyl)ether	7.31	93	165	0.021	ng	# 85
22) Pentachlorophenol	16.92	266	7	0.034	ng	# 54
32) Bis(2-ethylhexyl)phthalate	21.39	149	7358	Below Cal	#	98
33) Indeno(1,2,3-cd)pyrene	26.74	276	23	Below Cal	#	57

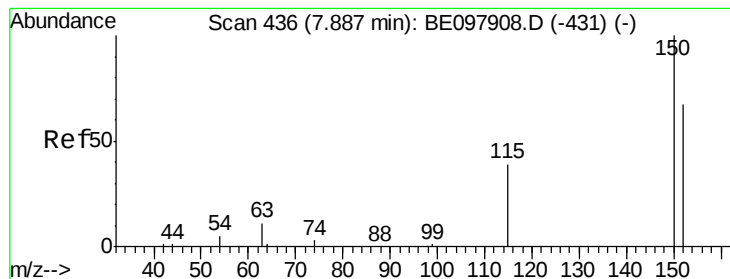
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101618\
Data File : BE097915.D
Acq On : 16 Oct 2018 18:13
Operator : SJ/JU
Sample : J5393-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 17 07:03:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 15:36:44 2018
Response via : Initial Calibration



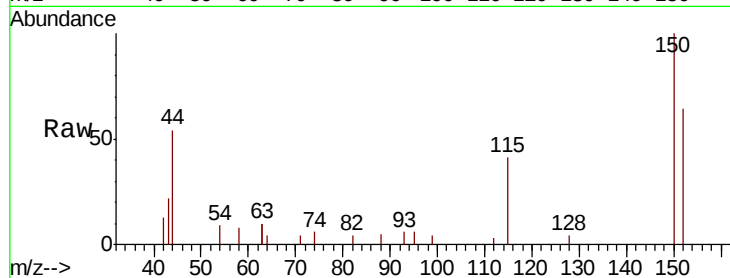


#1

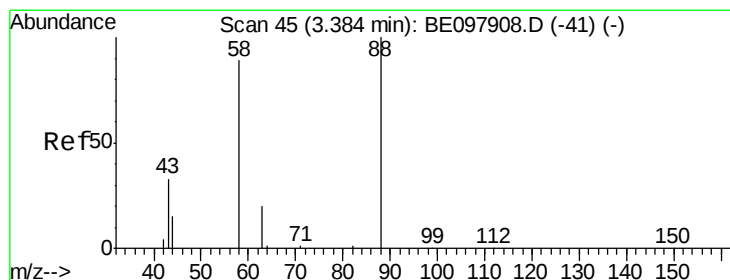
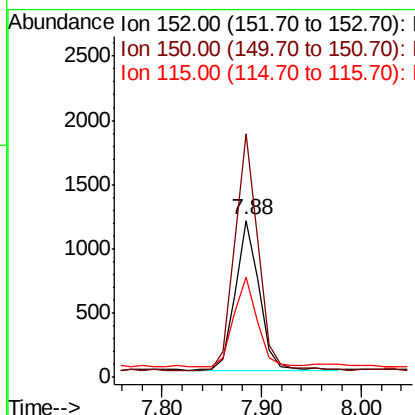
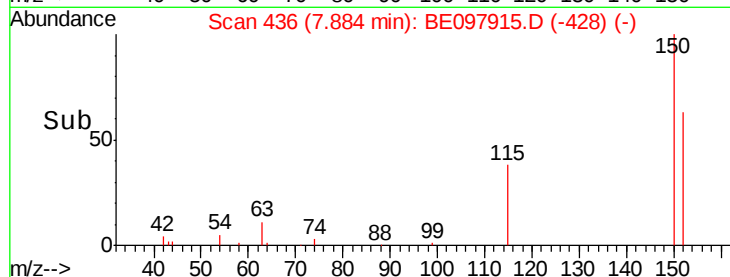
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE097915.D
Acq: 16 Oct 2018 18:13

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1945
Ion Ratio Lower Upper
152 100
150 155.5 118.2 177.4
115 63.7 50.9 76.3



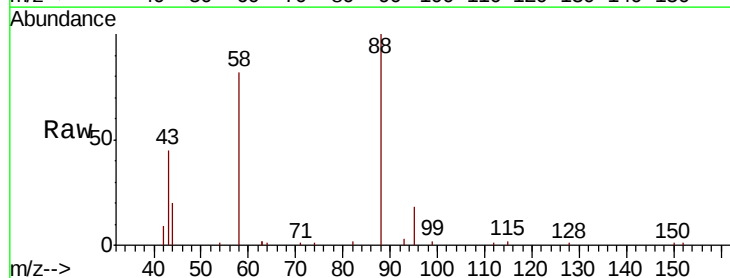
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



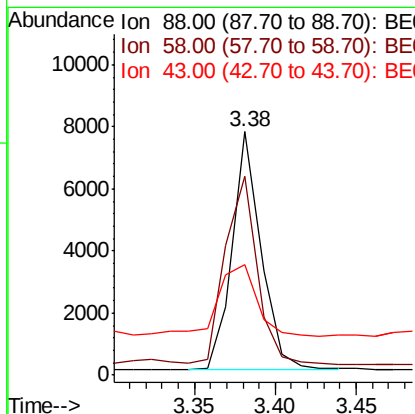
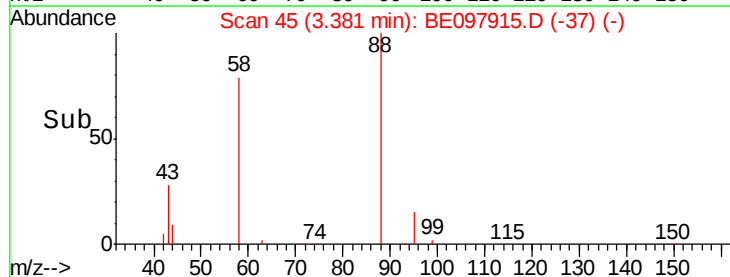
#2

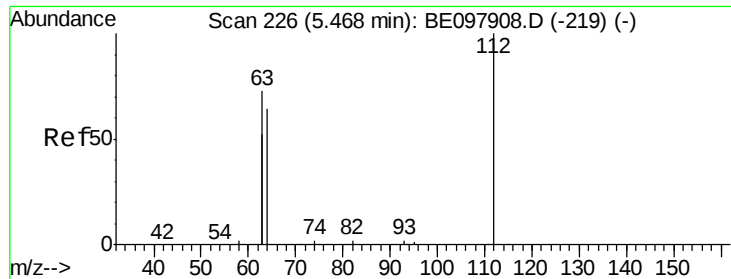
1,4-Dioxane
Concen: 2.788 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097915.D
Acq: 16 Oct 2018 18:13

Tgt Ion: 88 Resp: 9455
Ion Ratio Lower Upper
88 100
58 86.6 73.2 109.8
43 39.9 36.9 55.3



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: 0.176 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097915.D

Acq: 16 Oct 2018 18:13

Instrument :

BNA_E

ClientSampleId :

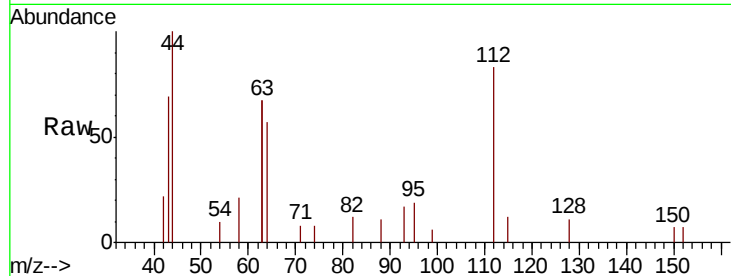
Tot Ion: 112 Resp: 1082

Ion Ratio Lower Upper

112 100

64 70.1 58.9 88.3

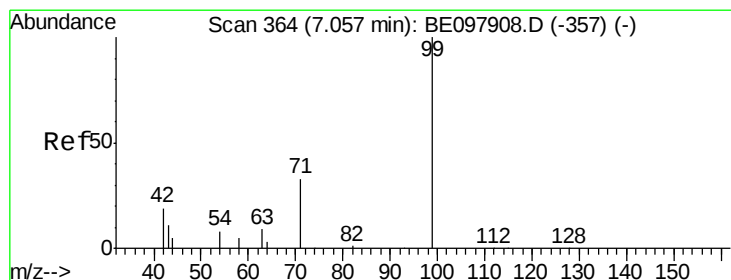
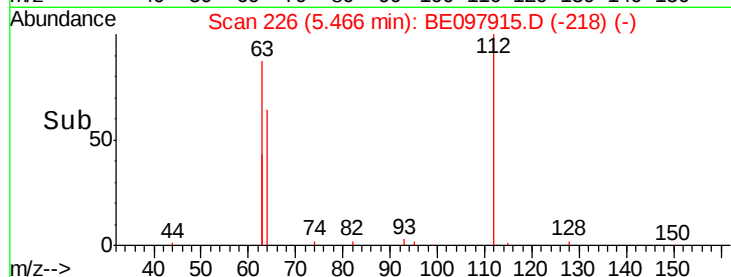
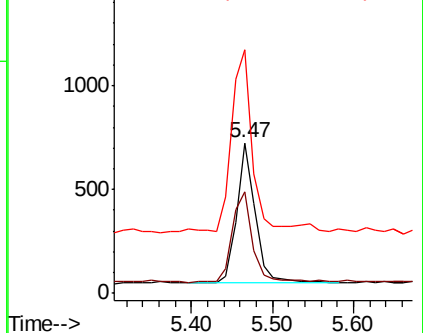
63 136.7 120.3 180.5



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: 0.093 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097915.D

Acq: 16 Oct 2018 18:13

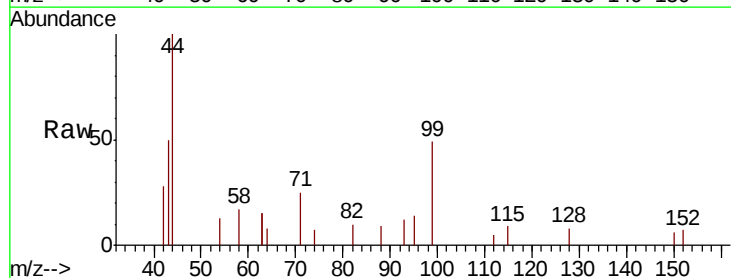
Tgt Ion: 99 Resp: 840

Ion Ratio Lower Upper

99 100

42 28.1 19.9 29.9

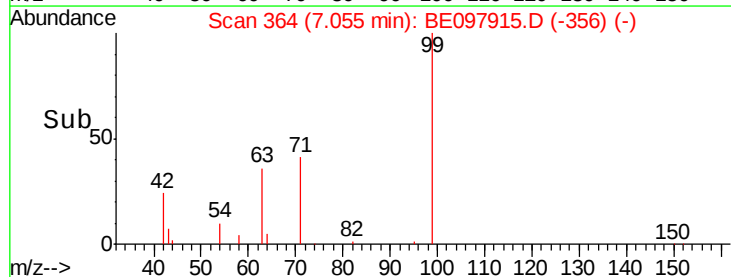
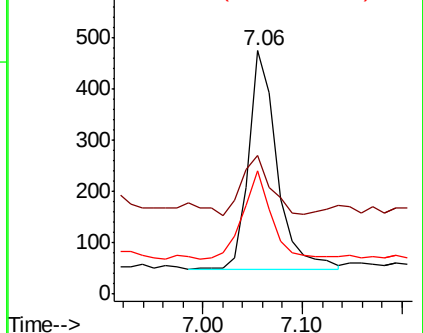
71 41.2 27.8 41.8

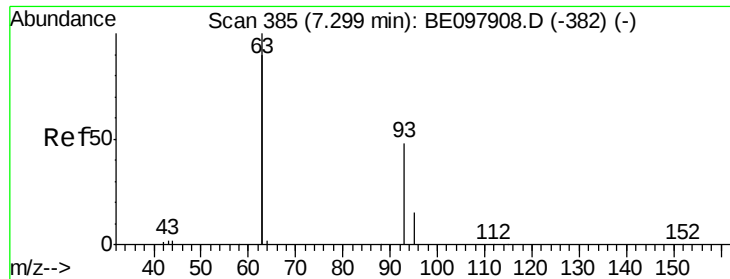


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.021 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.01 min

Lab File: BE097915.D

Acq: 16 Oct 2018 18:13

Instrument :

BNA_E

ClientSampleId :

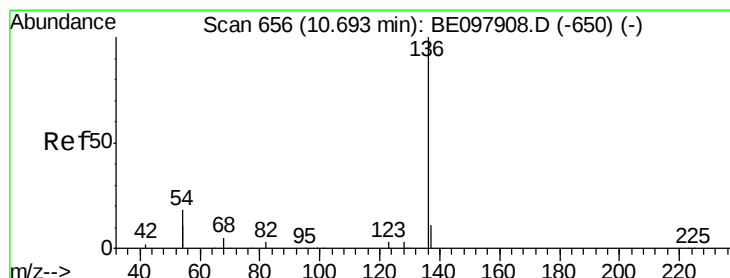
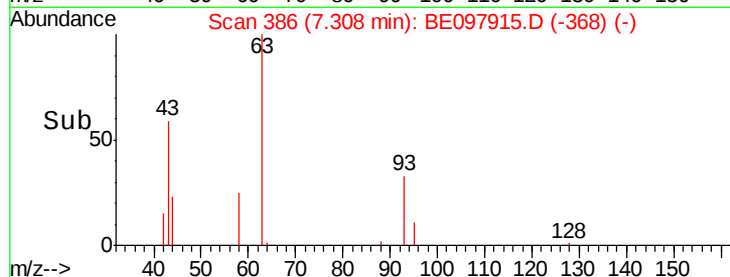
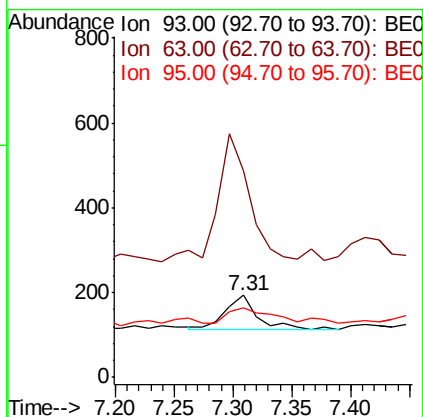
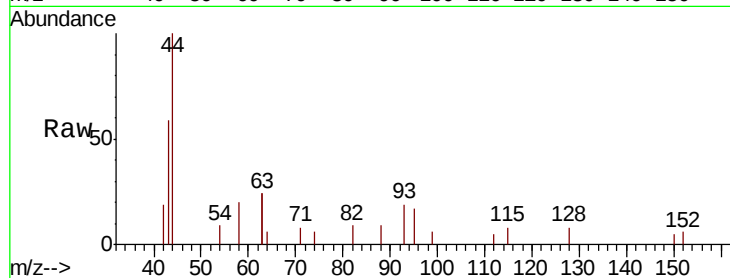
Tot Ion: 93 Resp: 165

Ion Ratio Lower Upper

93 100

63 346.7 259.0 388.4

95 63.0 27.8 41.8#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE097915.D

Acq: 16 Oct 2018 18:13

Tgt Ion: 136 Resp: 7994

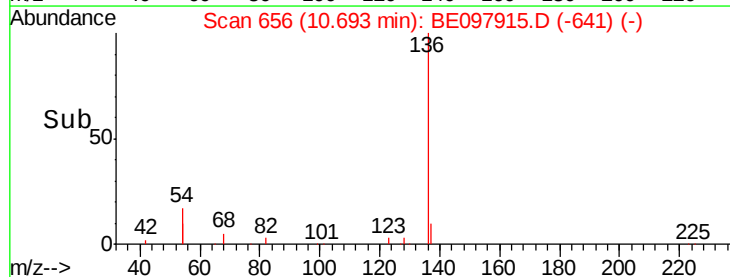
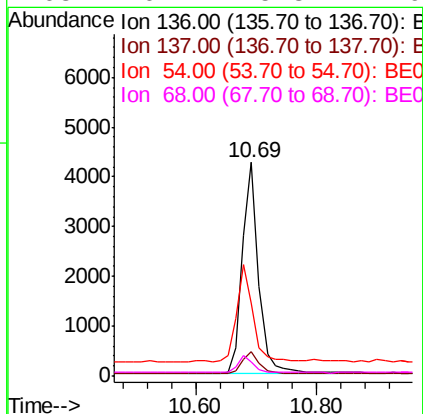
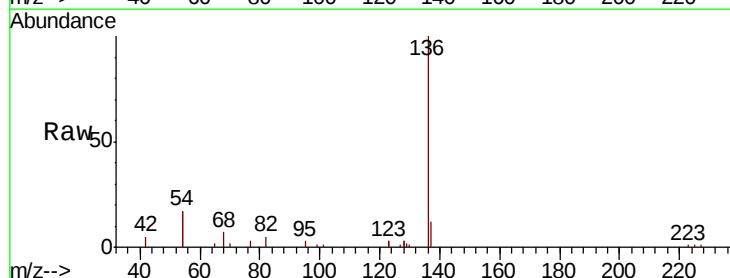
Ion Ratio Lower Upper

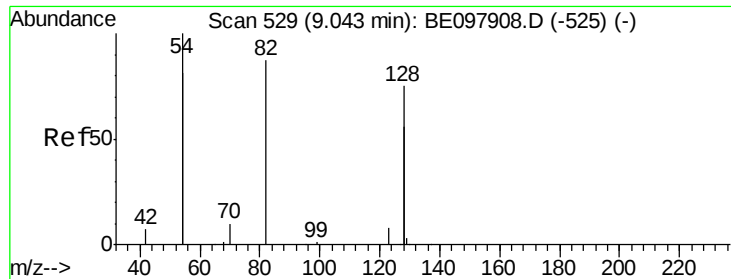
136 100

137 11.6 9.6 14.4

54 34.0 27.7 41.5

68 6.7 5.3 7.9





#8

Nitrobenzene-d5

Concen: 0.357 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097915.D

Acq: 16 Oct 2018 18:13

Instrument :

BNA_E

ClientSampleId :

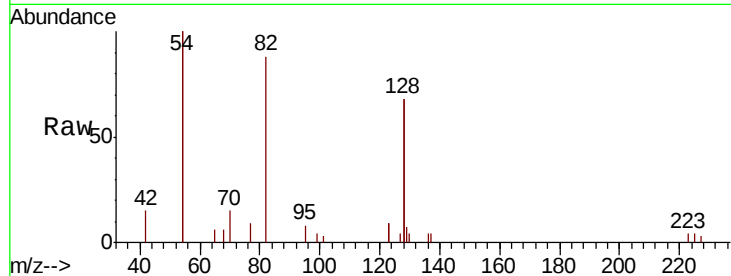
Tot Ion: 82 Resp: 2704

Ion Ratio Lower Upper

82 100

128 153.5 129.9 194.9

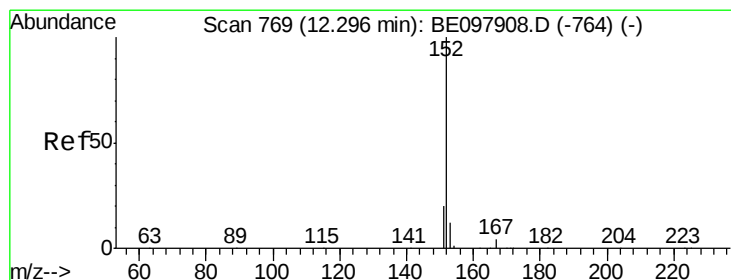
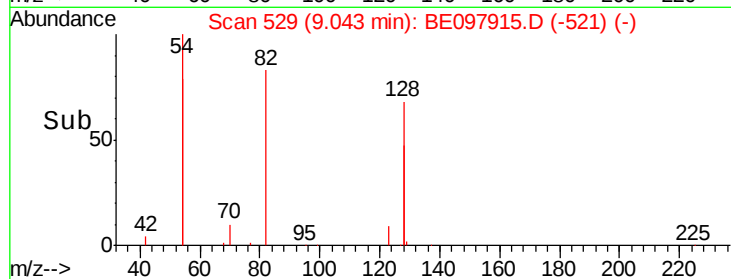
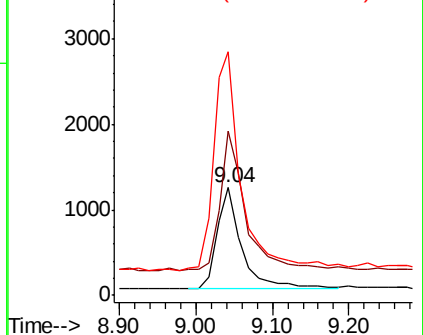
54 226.8 174.0 261.0



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: 0.352 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097915.D

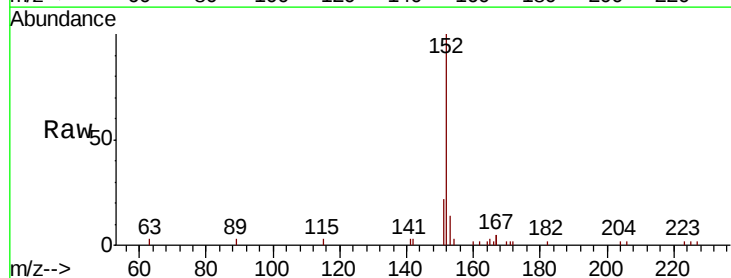
Acq: 16 Oct 2018 18:13

Tgt Ion: 152 Resp: 4687

Ion Ratio Lower Upper

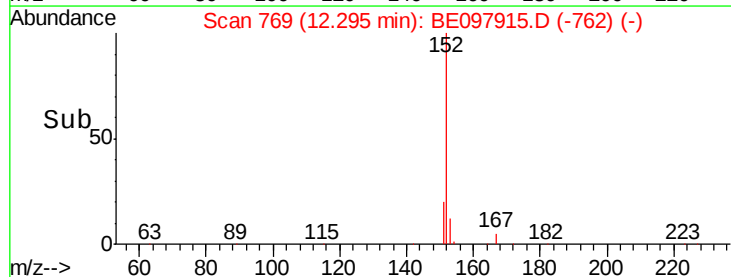
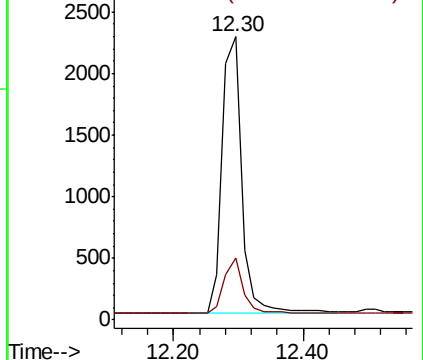
152 100

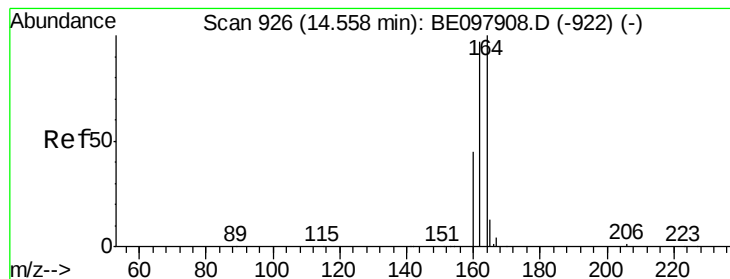
151 19.3 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097915.D

Acq: 16 Oct 2018 18:13

Instrument :

BNA_E

ClientSampleId :

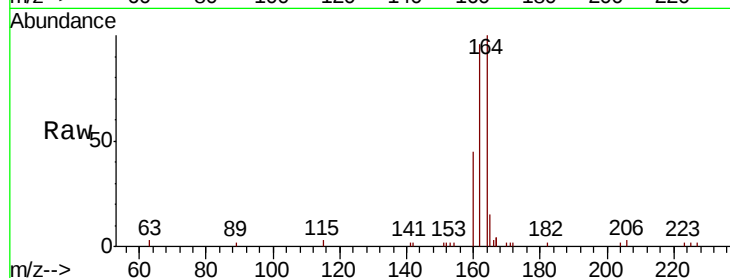
Tot Ion:164 Resp: 4875

Ion Ratio Lower Upper

164 100

162 96.4 77.4 116.2

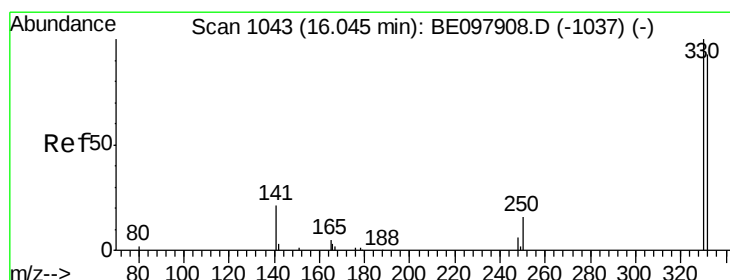
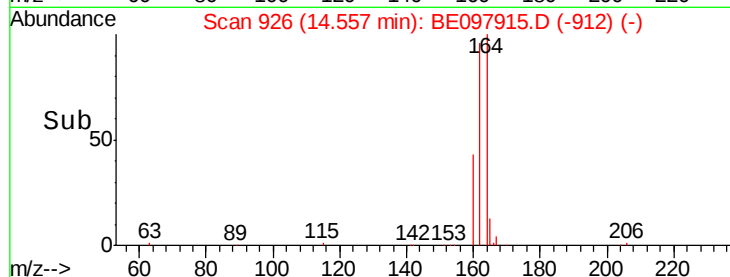
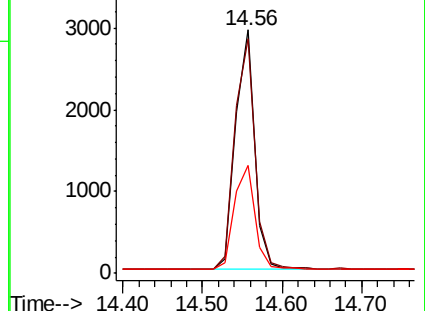
160 44.5 36.5 54.7



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: 0.257 ng

RT: 16.05 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BE097915.D

Acq: 16 Oct 2018 18:13

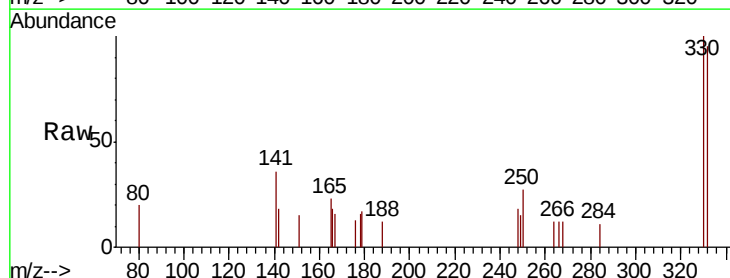
Tgt Ion:330 Resp: 674

Ion Ratio Lower Upper

330 100

332 90.7 76.5 114.7

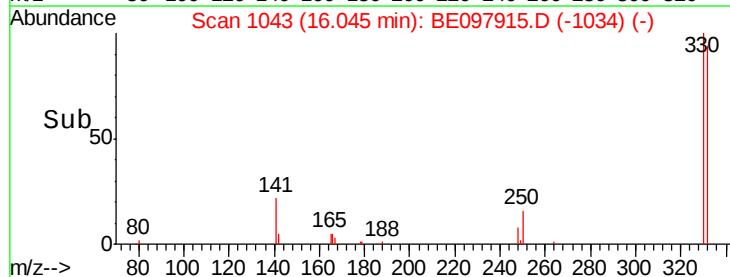
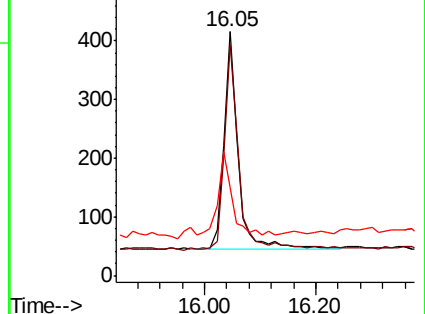
141 35.6 31.8 47.6

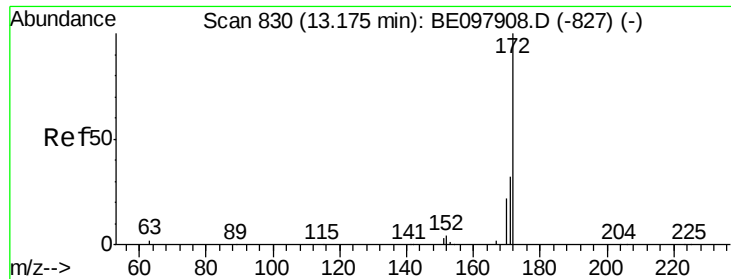


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

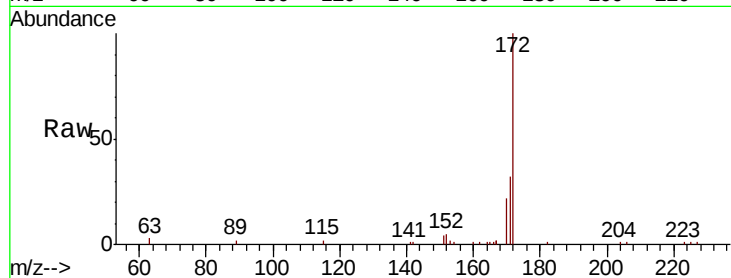




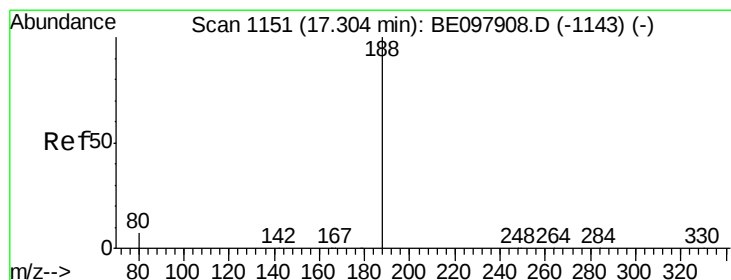
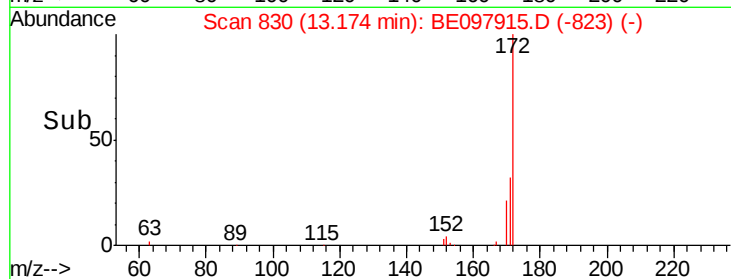
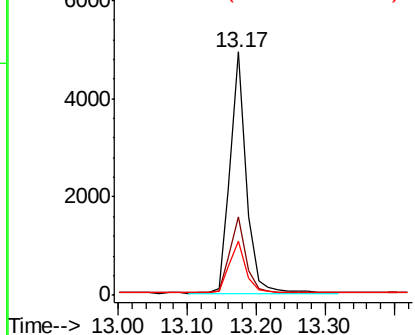
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097915.D
Acq: 16 Oct 2018 18:13

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 8043
Ion Ratio Lower Upper
172 100
171 32.5 26.0 39.0
170 22.1 18.0 27.0

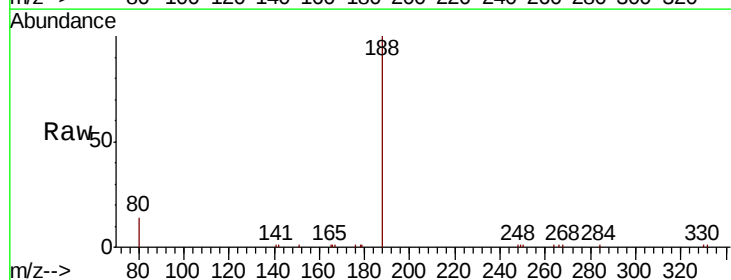


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

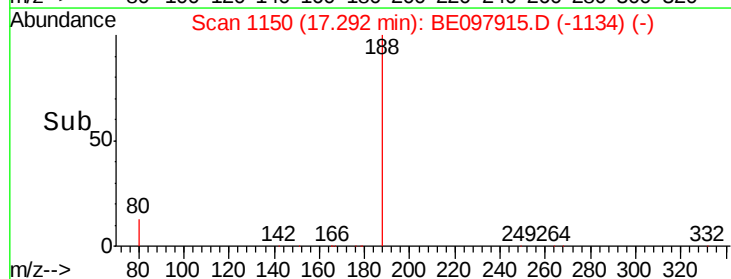
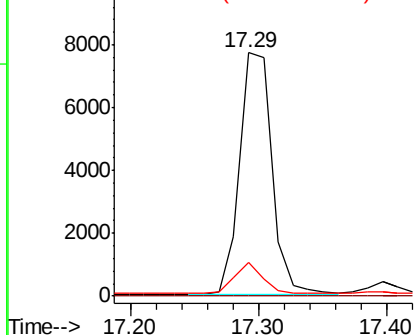


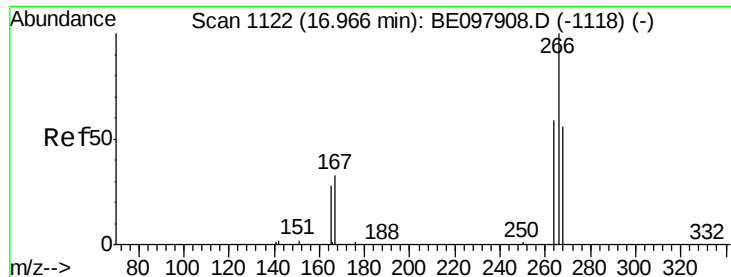
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097915.D
Acq: 16 Oct 2018 18:13

Tgt Ion:188 Resp: 13531
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.6 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: 0.034 ng

RT: 16.92 min Scan# 1118

Delta R.T. -0.05 min

Lab File: BE097915.D

Acq: 16 Oct 2018 18:13

Instrument :

BNA_E

ClientSampleId :

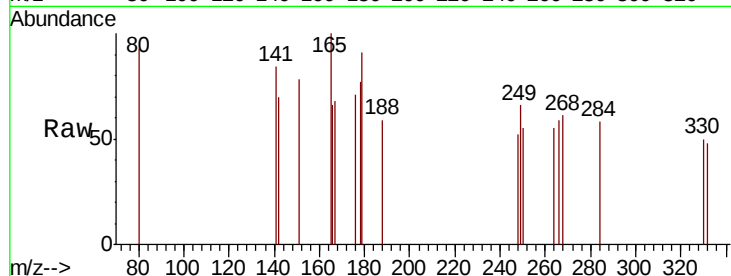
Tot Ion:266 Resp: 7

Ion Ratio Lower Upper

266 100

264 94.4 51.3 76.9#

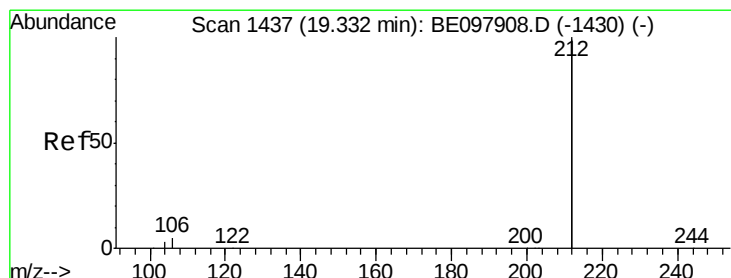
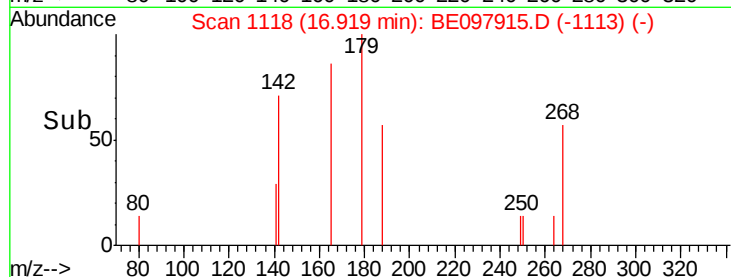
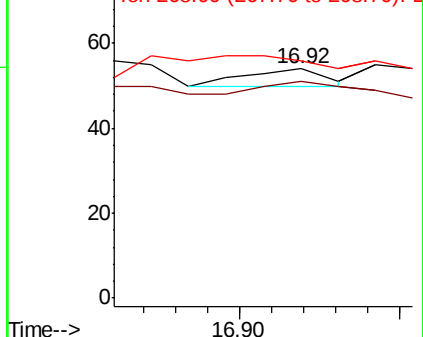
268 103.7 50.1 75.1#



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: 0.389 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE097915.D

Acq: 16 Oct 2018 18:13

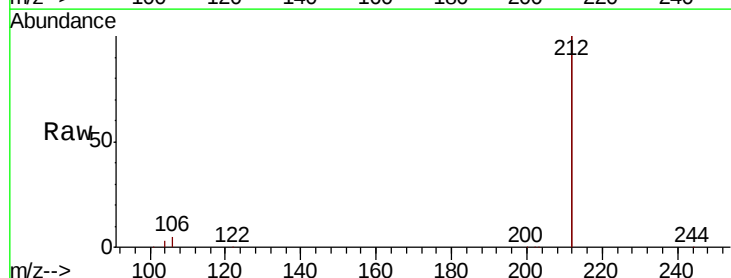
Tgt Ion:212 Resp: 71286

Ion Ratio Lower Upper

212 100

106 2.8 2.3 3.5

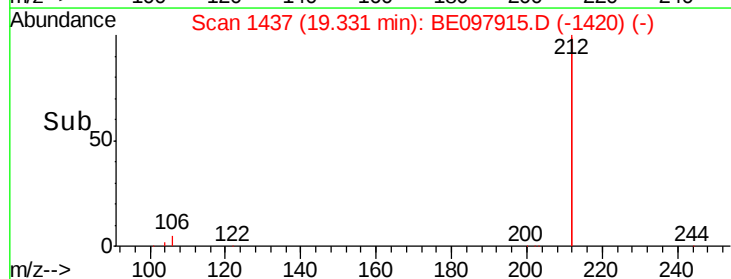
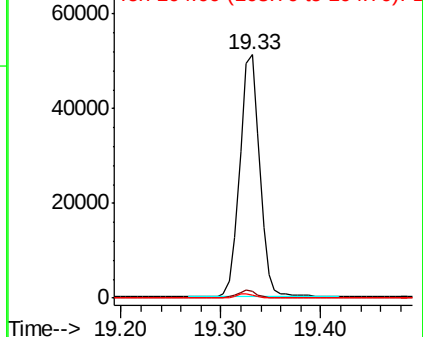
104 1.7 1.3 1.9

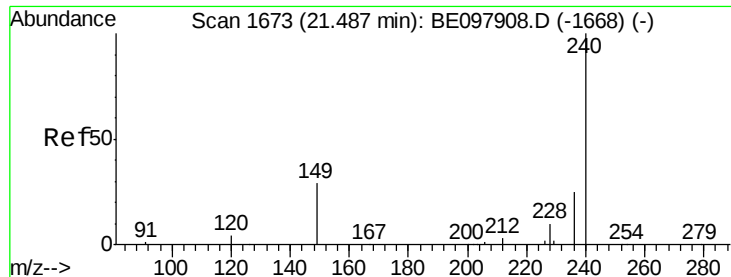


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.49 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BE097915.D

Acq: 16 Oct 2018 18:13

Instrument :

BNA_E

ClientSampleId :

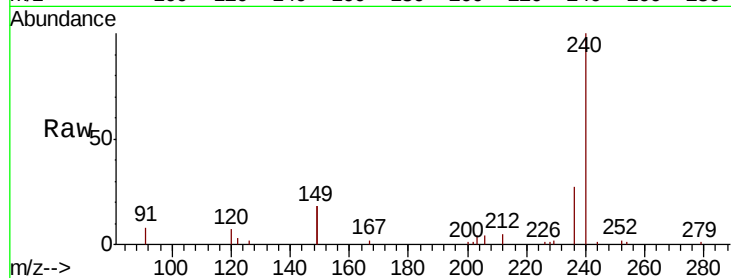
Tot Ion:240 Resp: 18010

Ion Ratio Lower Upper

240 100

120 7.2 7.1 10.7

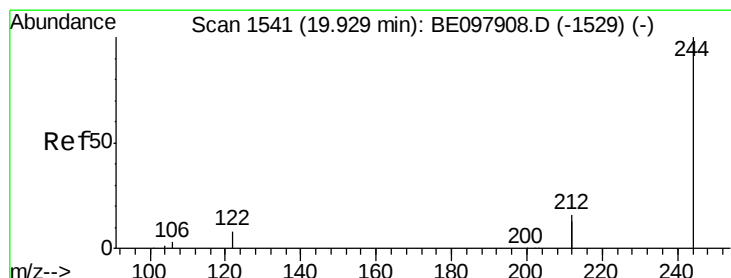
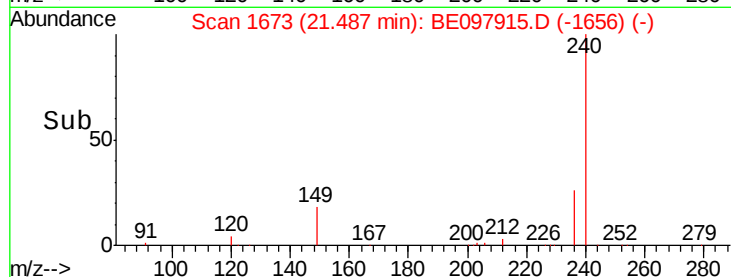
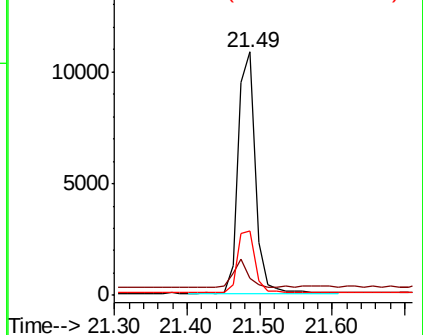
236 26.6 21.3 31.9



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: 0.577 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097915.D

Acq: 16 Oct 2018 18:13

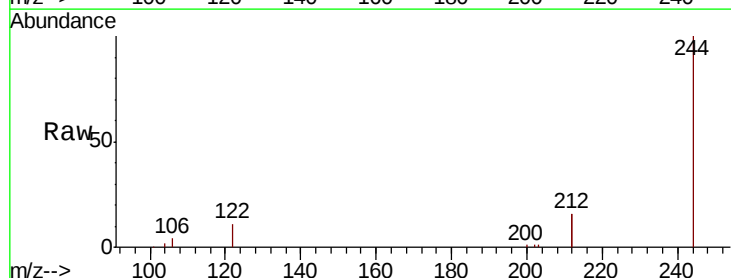
Tgt Ion:244 Resp: 23831

Ion Ratio Lower Upper

244 100

212 31.6 26.2 39.2

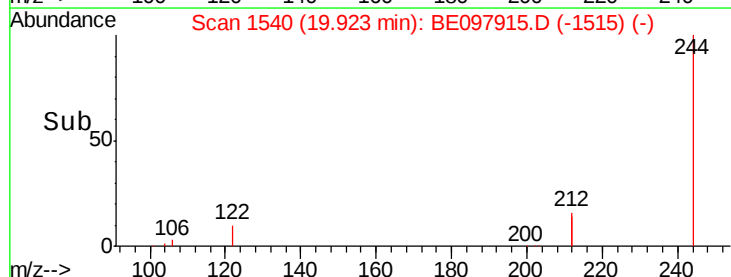
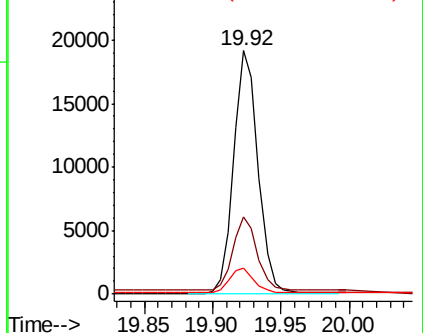
122 10.8 7.7 11.5

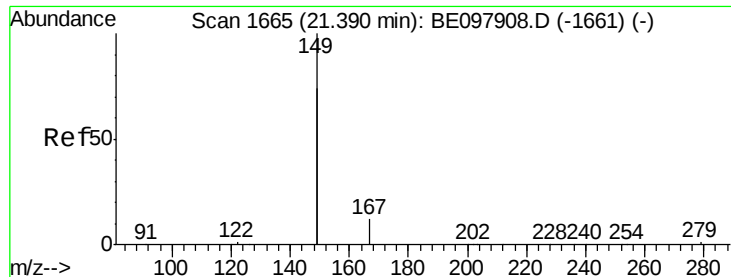


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.39 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BE097915.D

Acq: 16 Oct 2018 18:13

Instrument :

BNA_E

ClientSampleId :

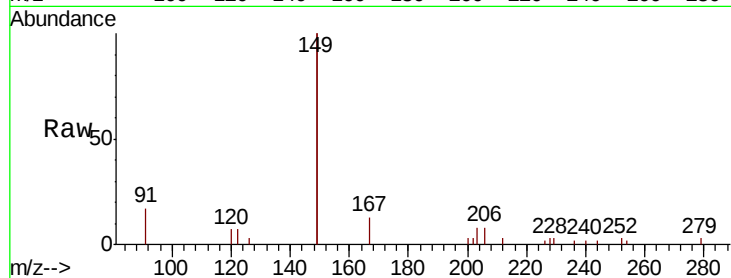
Tot Ion:149 Resp: 7358

Ion Ratio Lower Upper

149 100

167 7.6 5.6 8.4

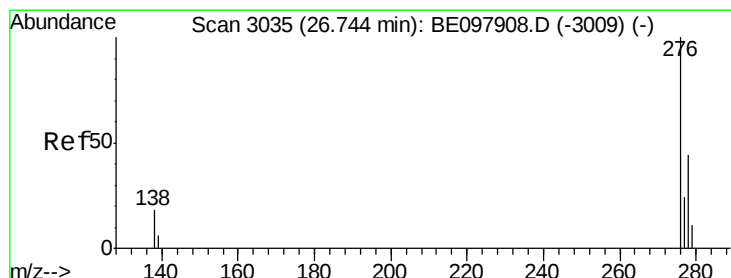
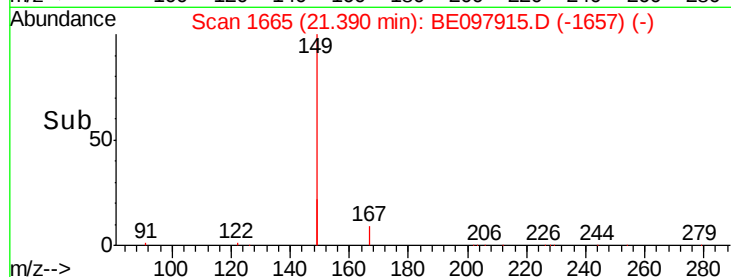
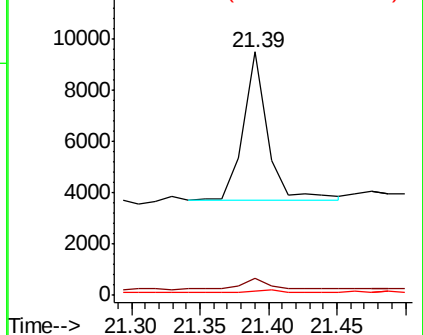
279 1.3 0.9 1.3#



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



#33

Indeno(1,2,3-cd)pyrene

Concen: Below Cal

RT: 26.74 min Scan# 3034

Delta R.T. -0.00 min

Lab File: BE097915.D

Acq: 16 Oct 2018 18:13

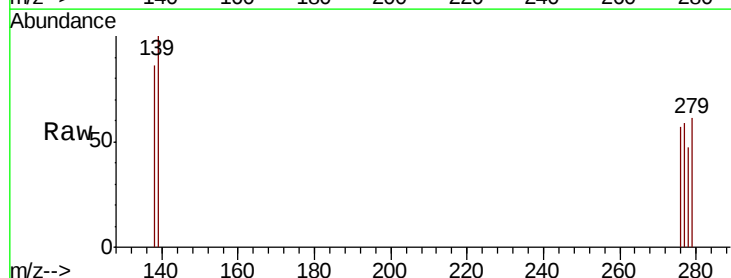
Tgt Ion:276 Resp: 23

Ion Ratio Lower Upper

276 100

138 56.5 17.0 25.6#

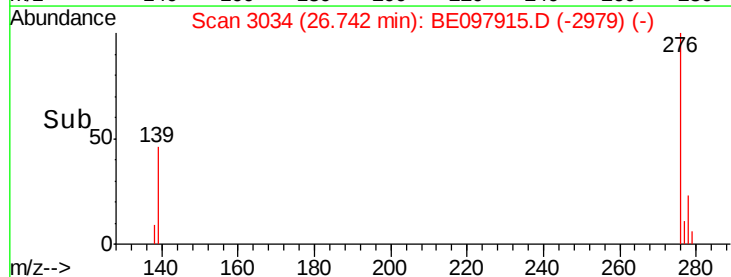
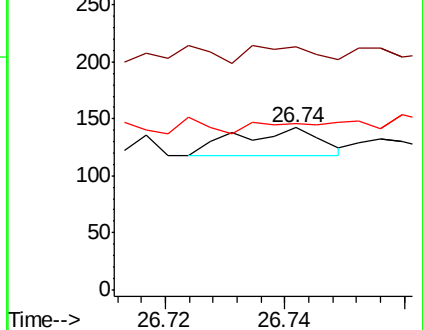
277 17.4 20.5 30.7#

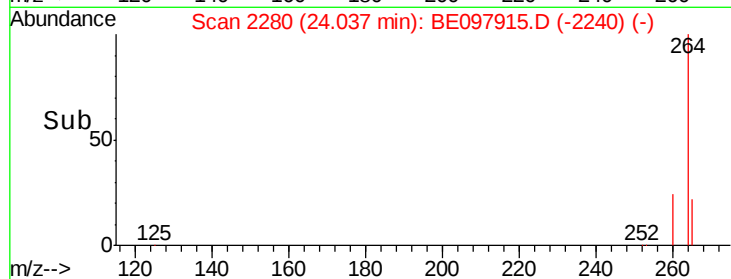
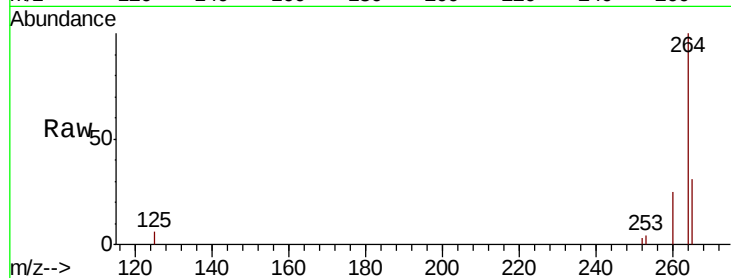
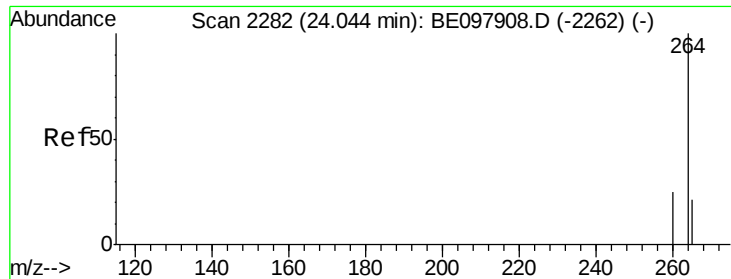


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.04 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BE097915.D

Acq: 16 Oct 2018 18:13

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 18594

Ion Ratio Lower Upper

264 100

260 25.3 21.1 31.7

265 31.3 29.2 43.8

