

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040418\
 Data File : BE095947.D
 Acq On : 4 Apr 2018 15:01
 Operator : SJ/JU
 Sample : J2148-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 05 02:48:29 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 12:41:11 2018
 Response via : Initial Calibration

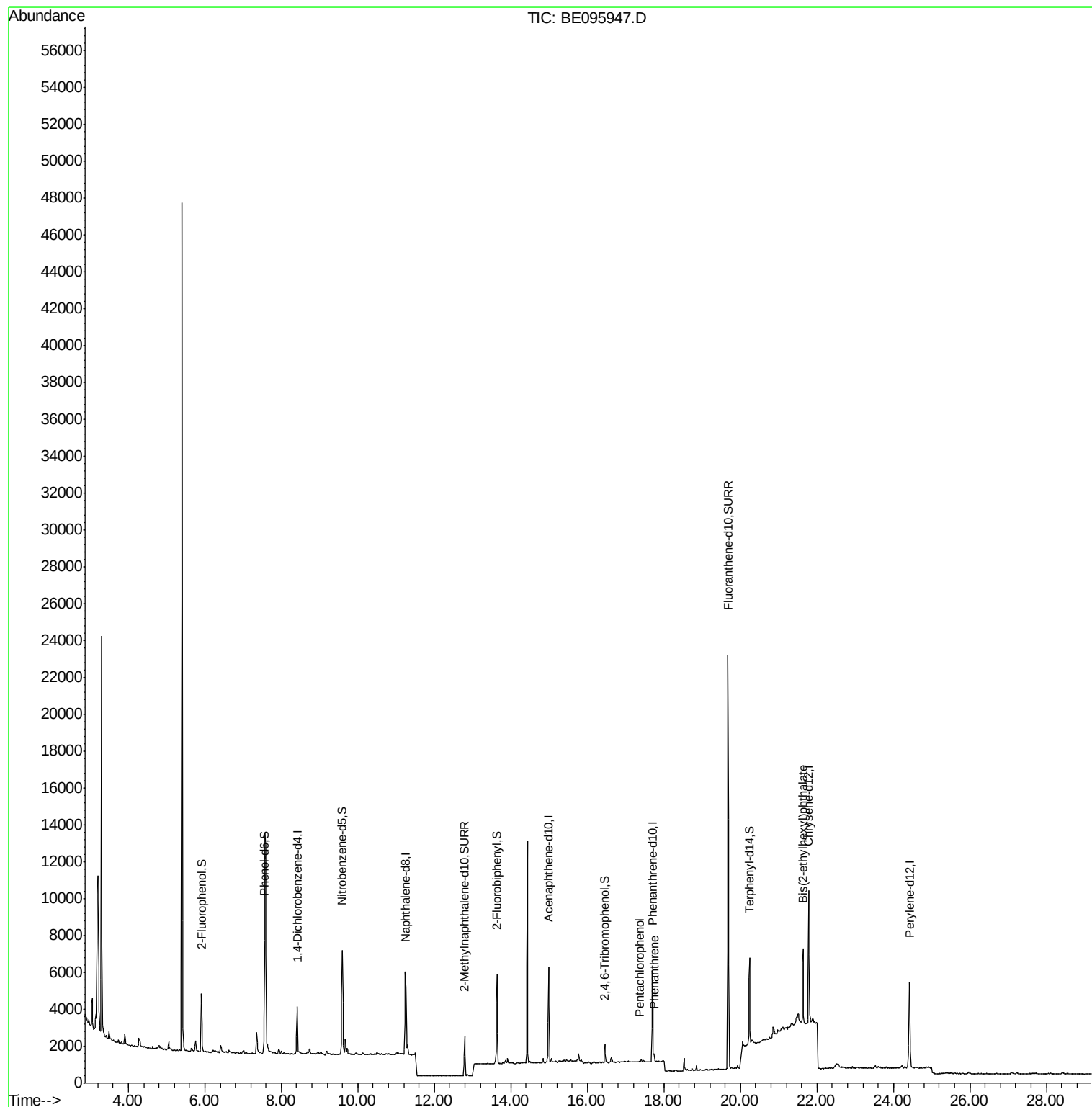
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1303	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	5077	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2875	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	6429	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	6991	0.40	ng	-0.01
34) Perylene-d12	24.42	264	6999	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	1484	0.35	ng	0.00
5) Phenol-d6	7.56	99	2185	0.37	ng	0.00
8) Nitrobenzene-d5	9.59	82	2114	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	2920	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.46	330	511	0.31	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	4230	0.35	ng	-0.01
25) Fluoranthene-d10	19.68	212	29341	0.31	ng	-0.01
29) Terphenyl-d14	20.24	244	4712	0.32	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.36	266	19	0.144	ng	Qvalue 96
23) Phenanthrene	17.74	178	448	0.023	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.64	149	5449	0.073	ng	98

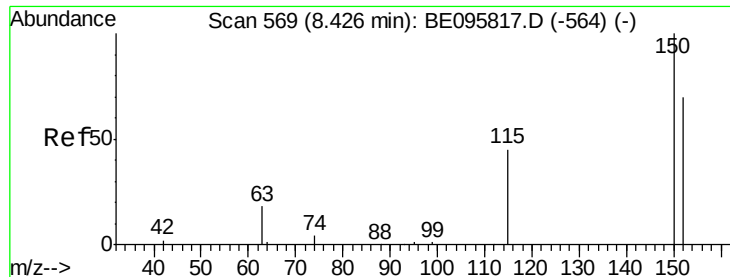
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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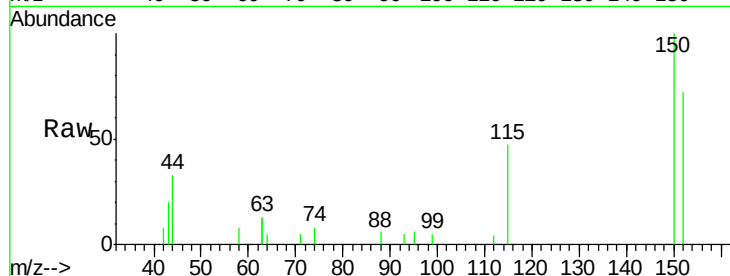


#1

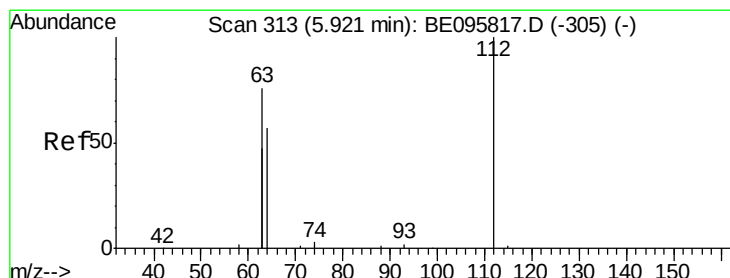
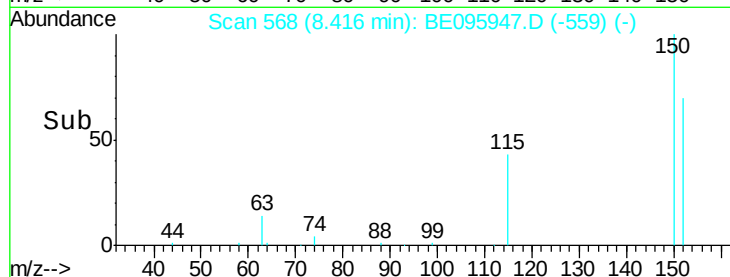
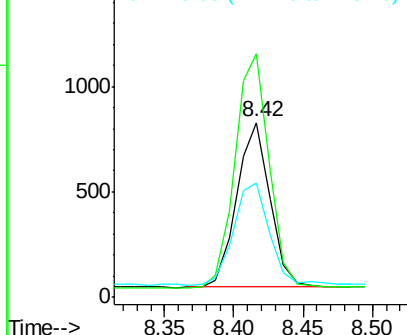
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095947.D
Acq: 4 Apr 2018 15:01

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1303
Ion Ratio Lower Upper
152 100
150 139.5 117.2 175.8
115 65.3 57.0 85.6



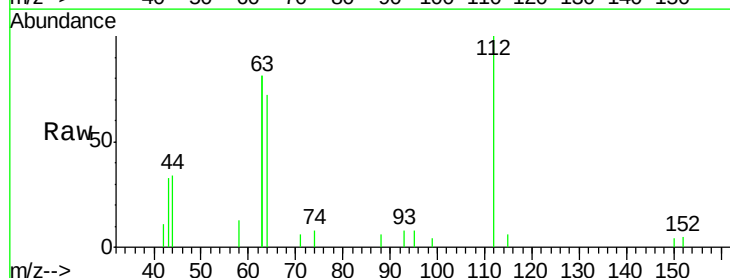
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



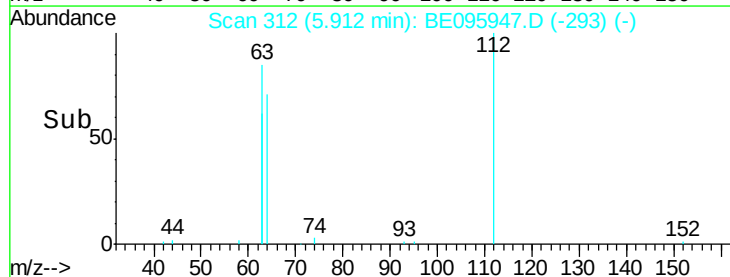
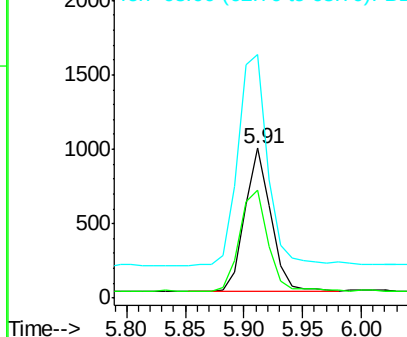
#4

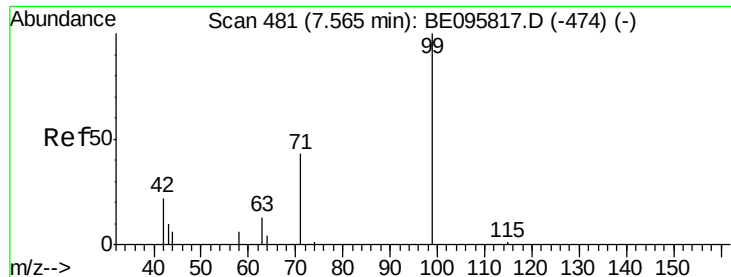
2-Fluorophenol
Concen: 0.345 ng
RT: 5.91 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095947.D
Acq: 4 Apr 2018 15:01

Tgt Ion:112 Resp: 1484
Ion Ratio Lower Upper
112 100
64 78.2 60.1 90.1
63 168.9 116.8 175.2



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: 0.370 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095947.D

Acq: 4 Apr 2018 15:01

Instrument :

BNA_E

ClientSampleId :

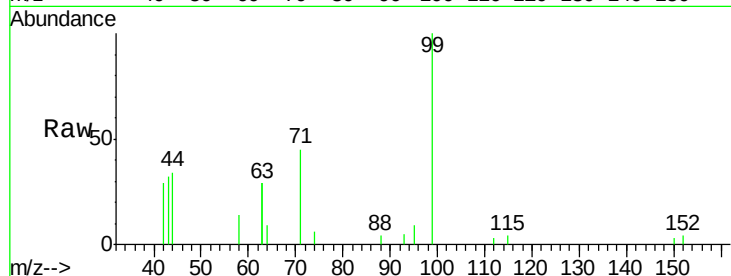
Tot Ion: 99 Resp: 2185

Ion Ratio Lower Upper

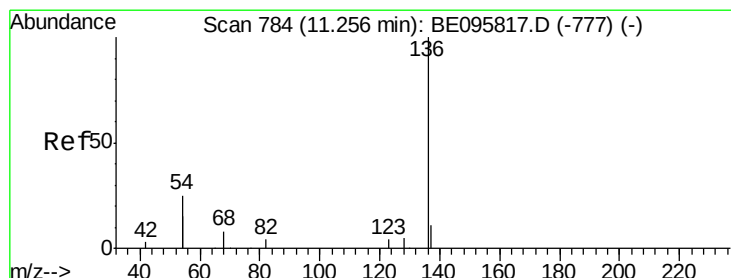
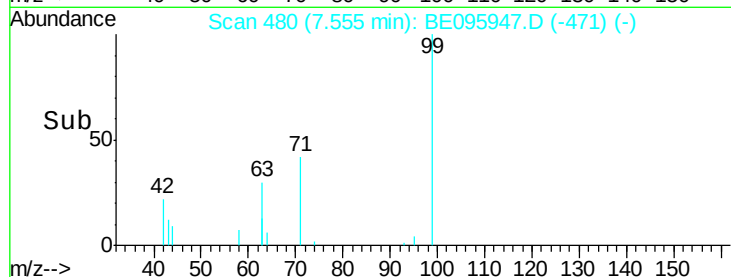
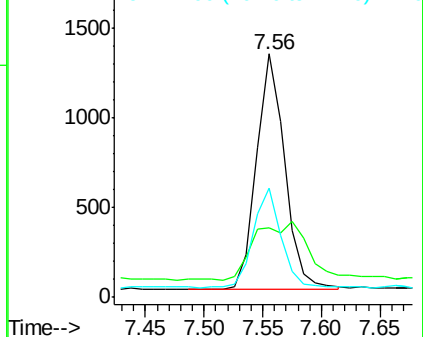
99 100

42 48.2 20.2 30.2#

71 41.9 28.4 42.6



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.26 min Scan# 784

Delta R.T. -0.00 min

Lab File: BE095947.D

Acq: 4 Apr 2018 15:01

Tgt Ion: 136 Resp: 5077

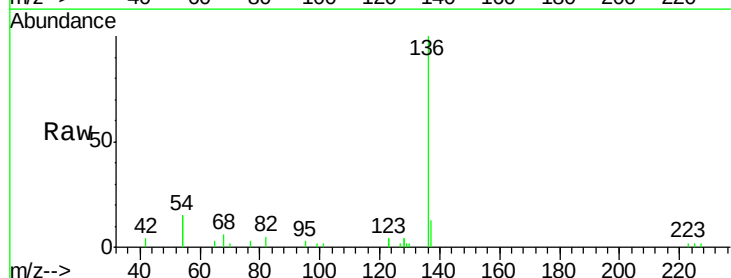
Ion Ratio Lower Upper

136 100

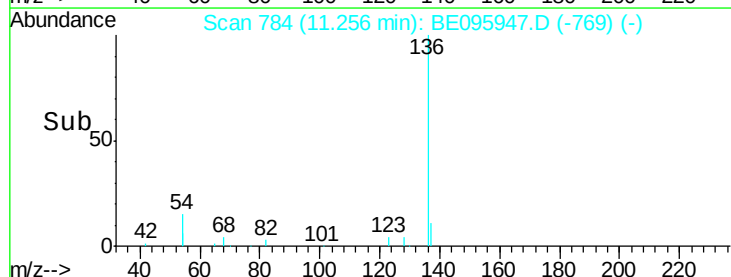
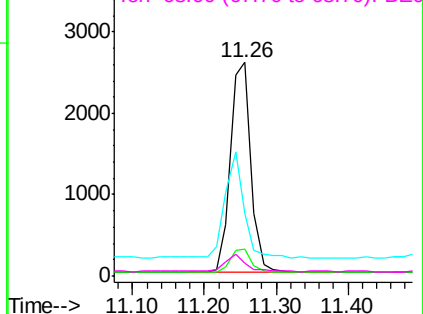
137 12.6 9.5 14.3

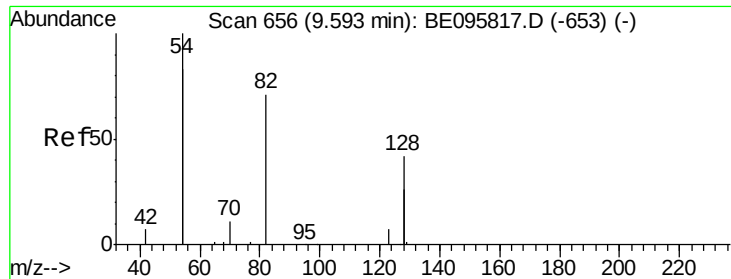
54 29.3 29.1 43.7

68 6.3 6.2 9.2



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





#8

Nitrobenzene-d5

Concen: 0.352 ng

RT: 9.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE095947.D

Acq: 4 Apr 2018 15:01

Instrument :

BNA_E

ClientSampled :

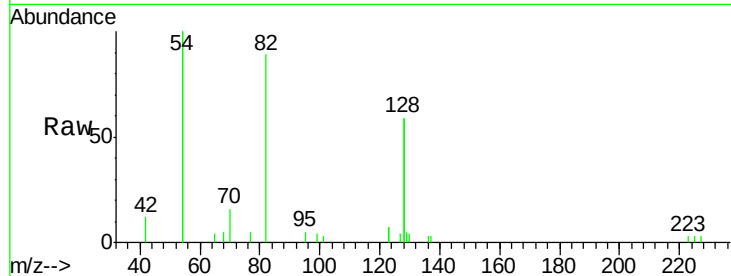
Tot Ion: 82 Resp: 2114

Ion Ratio Lower Upper

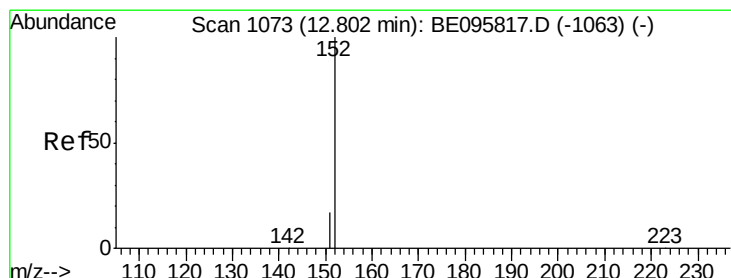
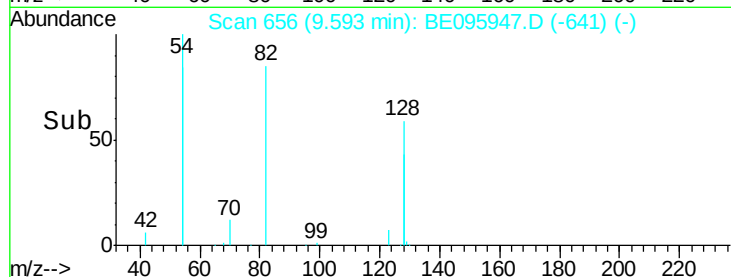
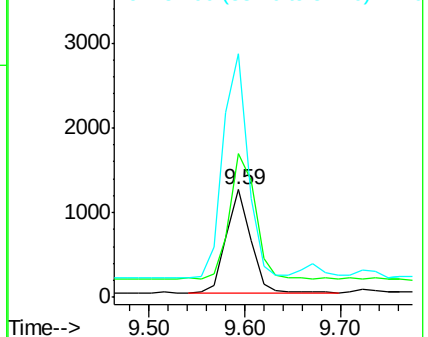
82 100

128 133.1 150.0 225.0#

54 226.0 154.2 231.4



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: 0.345 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095947.D

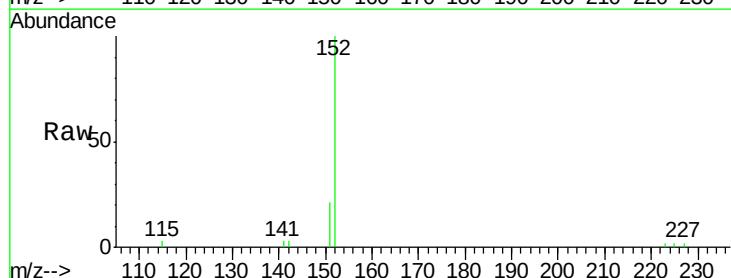
Acq: 4 Apr 2018 15:01

Tgt Ion: 152 Resp: 2920

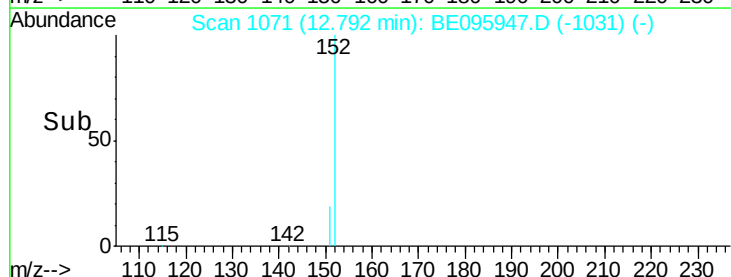
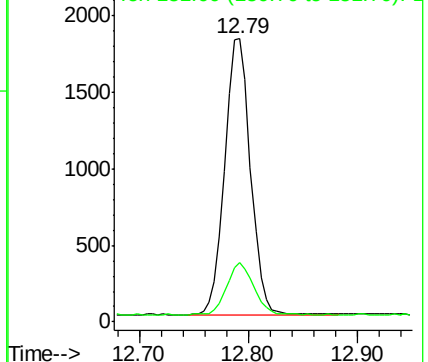
Ion Ratio Lower Upper

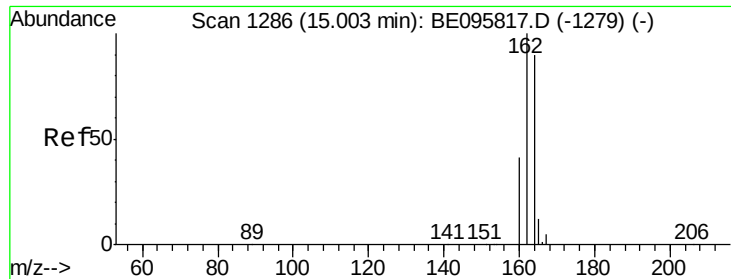
152 100

151 19.7 15.4 23.0



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: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095947.D

Acq: 4 Apr 2018 15:01

Instrument :

BNA_E

ClientSampleId :

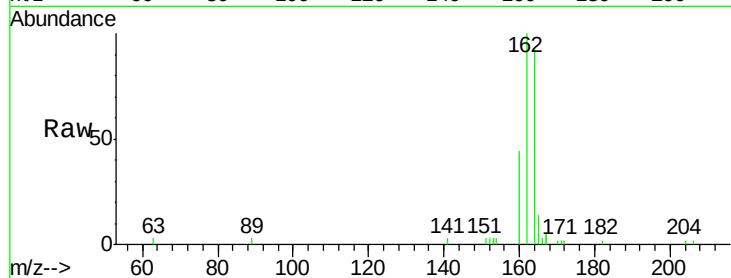
Tot Ion:164 Resp: 2875

Ion Ratio Lower Upper

164 100

162 108.7 83.1 124.7

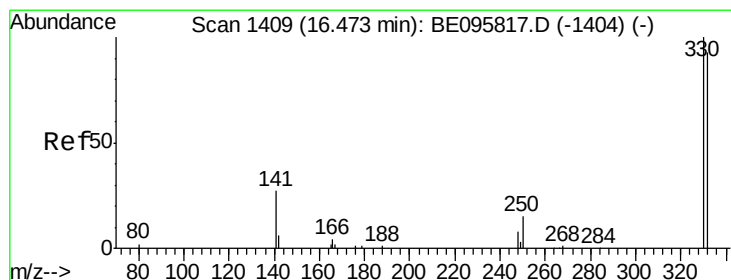
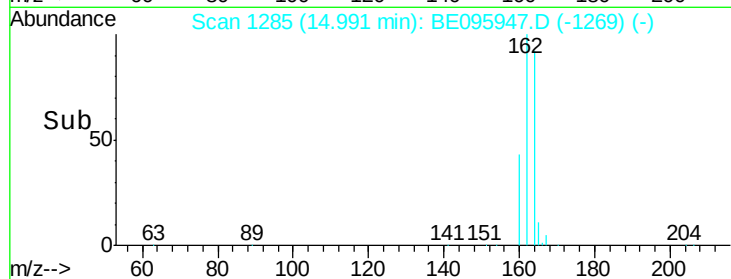
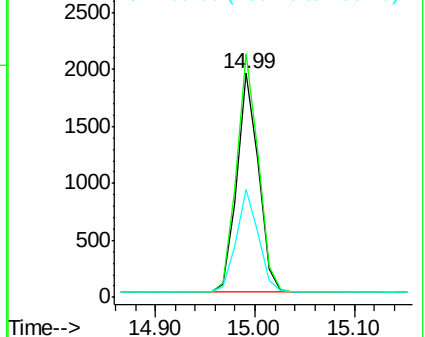
160 48.3 37.1 55.7



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: 0.308 ng

RT: 16.46 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BE095947.D

Acq: 4 Apr 2018 15:01

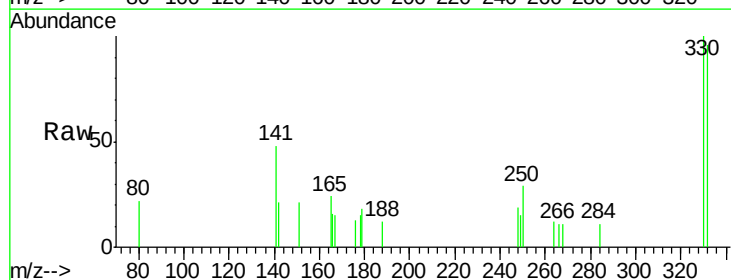
Tgt Ion:330 Resp: 511

Ion Ratio Lower Upper

330 100

332 99.4 152.7 229.1#

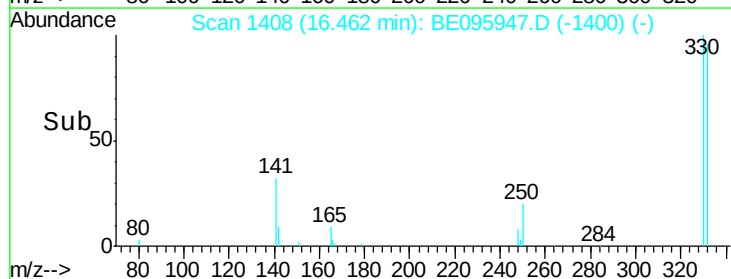
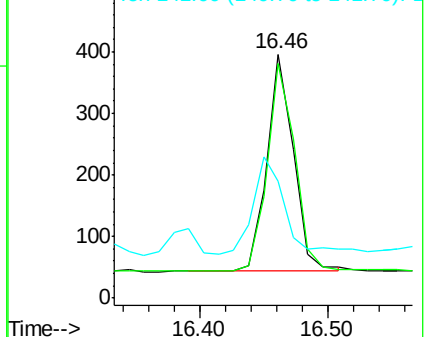
141 52.6 33.7 50.5#

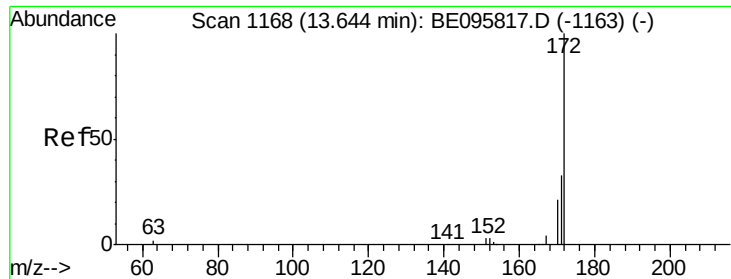


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

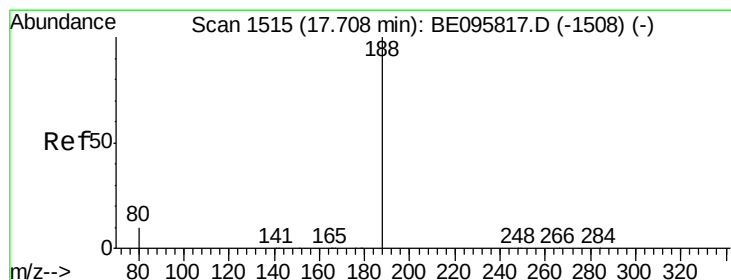
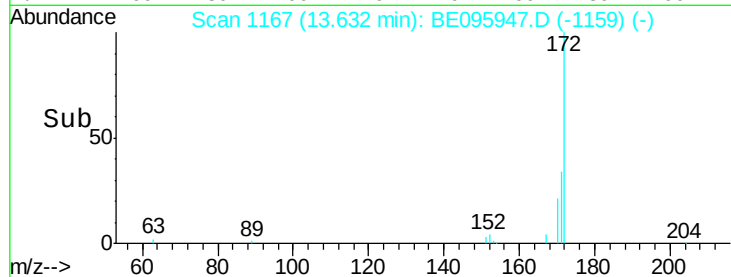
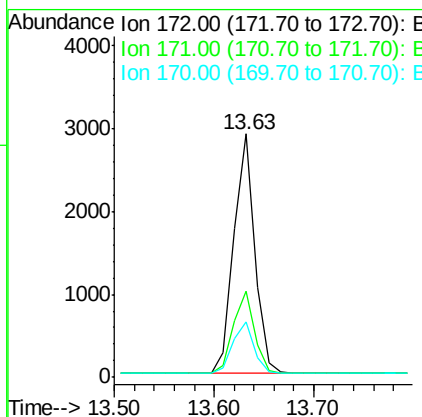
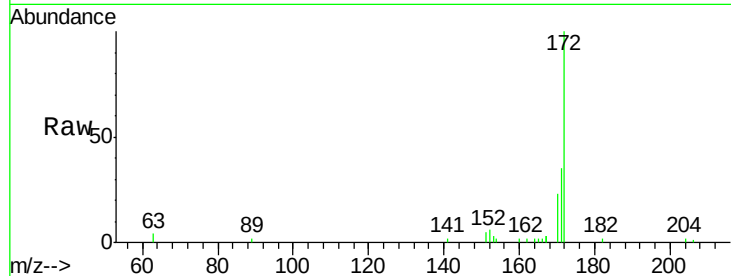




#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095947.D
Acq: 4 Apr 2018 15:01

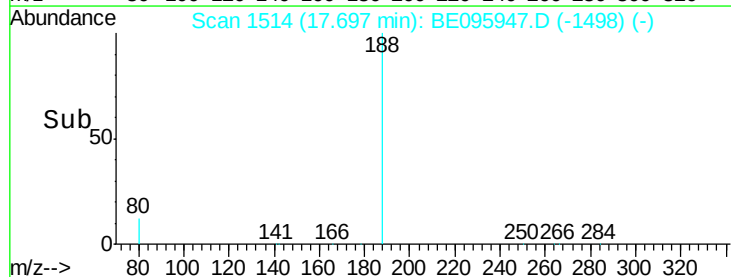
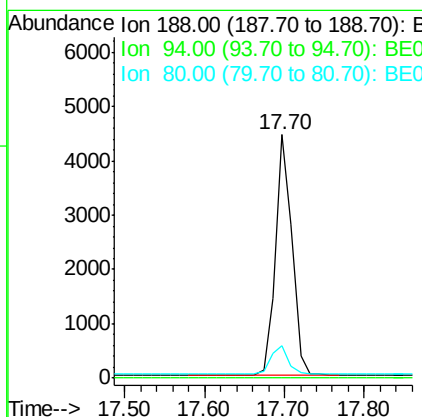
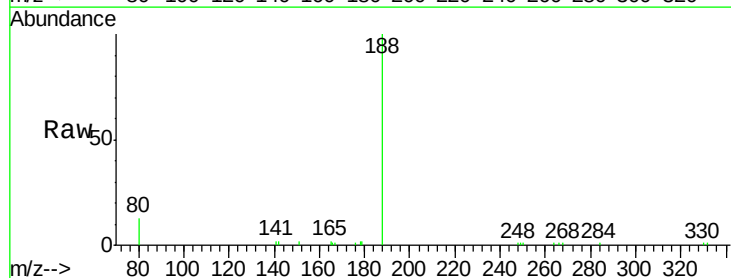
Instrument :
BNA_E
ClientSampleId :

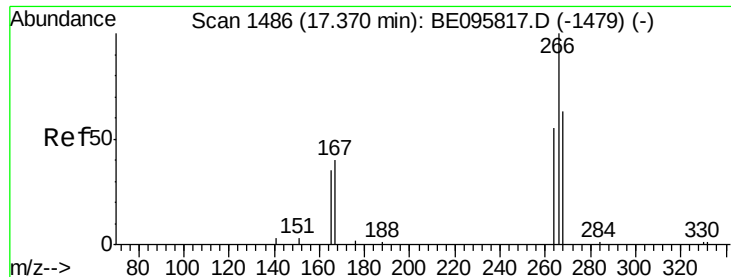
Tot Ion:172 Resp: 4230
Ion Ratio Lower Upper
172 100
171 35.4 29.9 44.9
170 22.6 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.70 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BE095947.D
Acq: 4 Apr 2018 15:01

Tgt Ion:188 Resp: 6429
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 13.2 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.144 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095947.D

Acq: 4 Apr 2018 15:01

Instrument :

BNA_E

ClientSampleId :

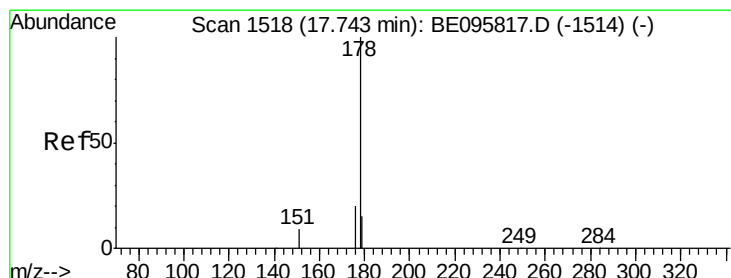
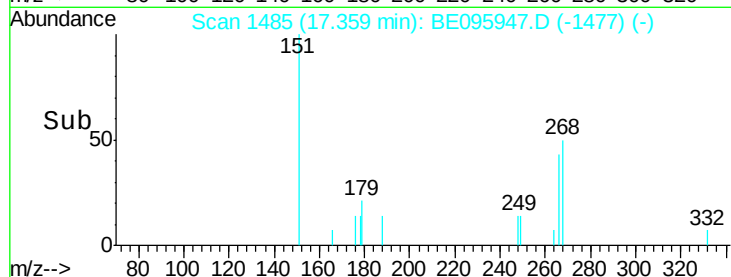
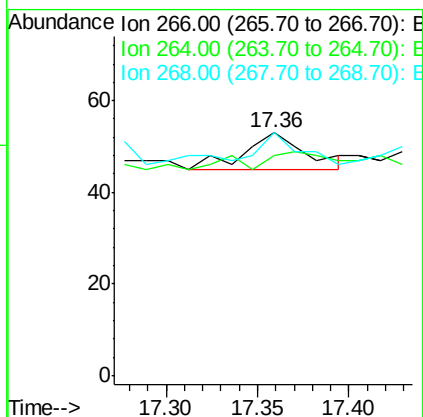
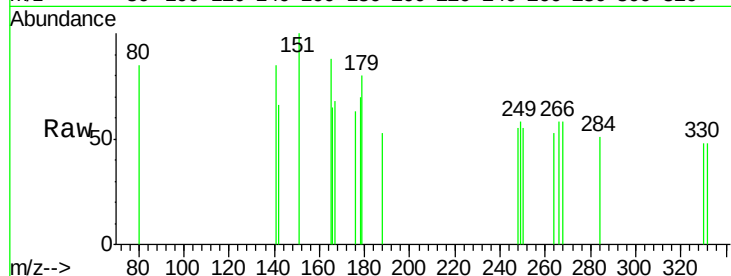
Tot Ion:266 Resp: 19

Ion Ratio Lower Upper

266 100

264 90.6 72.5 108.7

268 100.0 73.8 110.6



#23

Phenanthrene

Concen: 0.023 ng

RT: 17.74 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BE095947.D

Acq: 4 Apr 2018 15:01

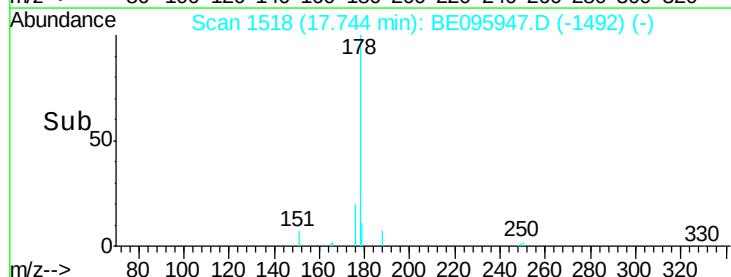
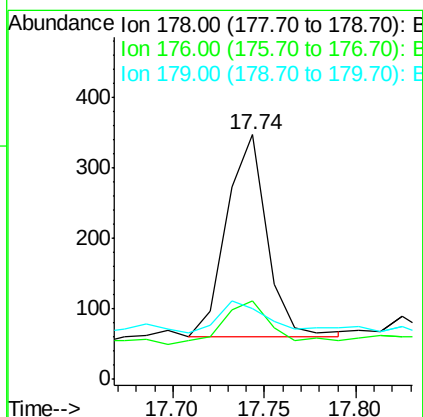
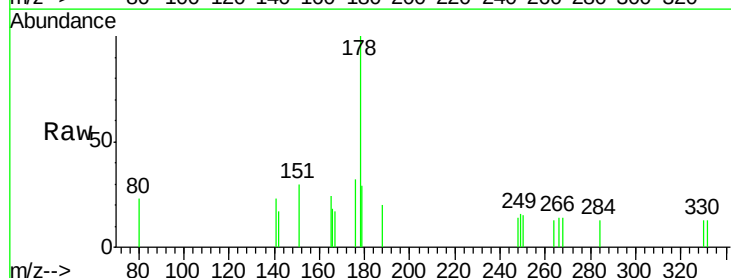
Tgt Ion:178 Resp: 448

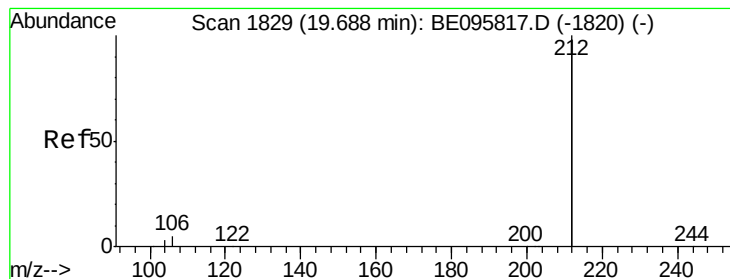
Ion Ratio Lower Upper

178 100

176 26.1 15.1 22.7#

179 21.4 11.8 17.6#





#25

Fluoranthene-d10

Concen: 0.307 ng

RT: 19.68 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BE095947.D

Acq: 4 Apr 2018 15:01

Instrument :

BNA_E

ClientSampled :

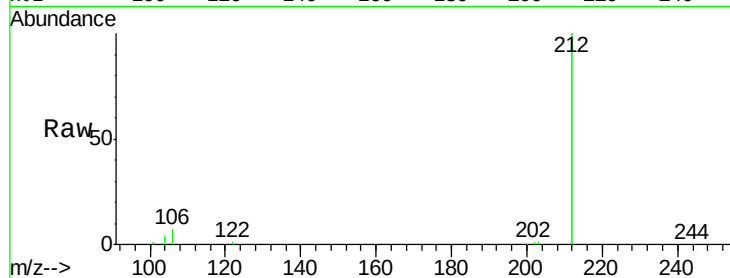
Tot Ion:212 Resp: 29341

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

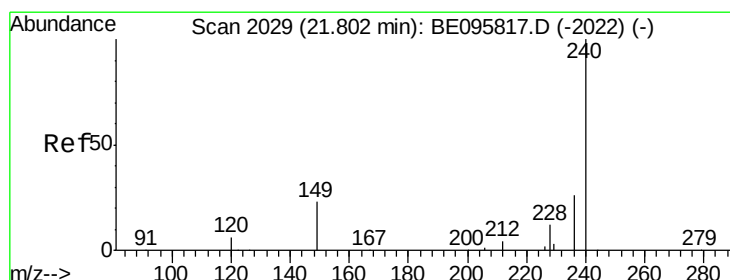
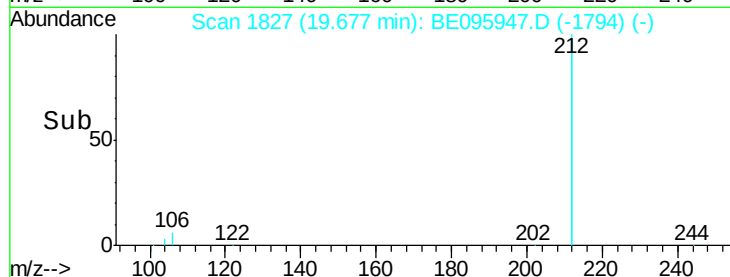
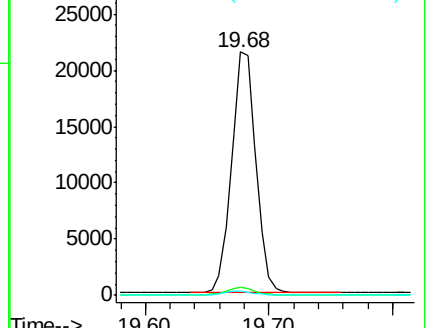
104 1.7 1.6 2.4



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: 21.79 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BE095947.D

Acq: 4 Apr 2018 15:01

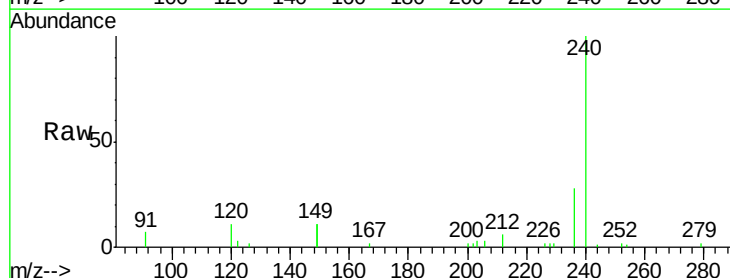
Tgt Ion:240 Resp: 6991

Ion Ratio Lower Upper

240 100

120 11.4 5.5 8.3#

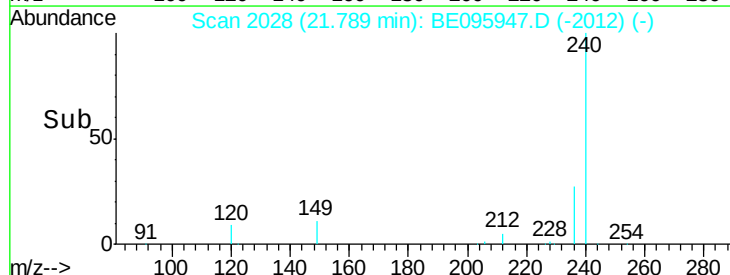
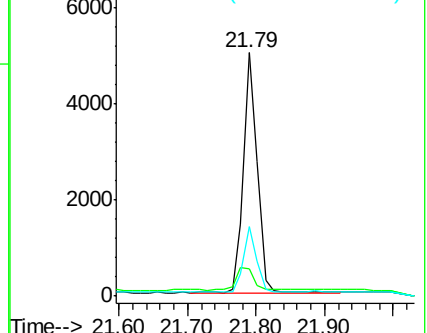
236 28.4 20.7 31.1

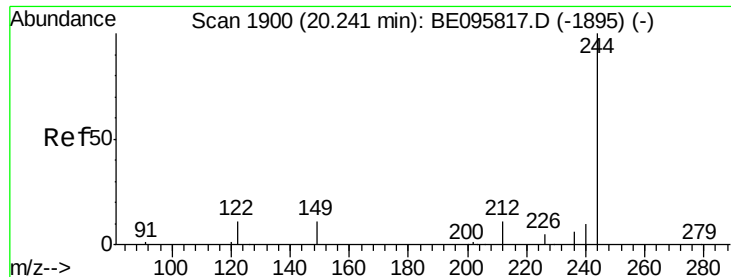


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

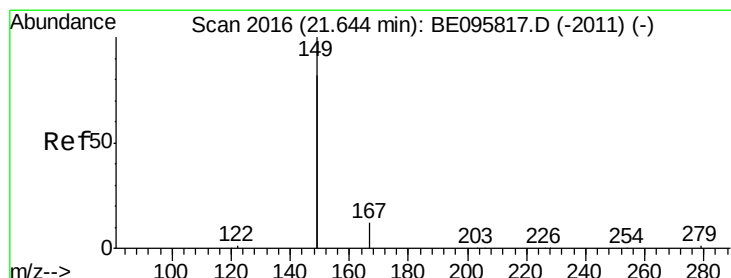
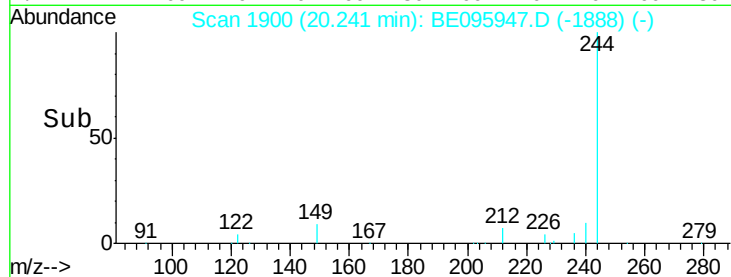
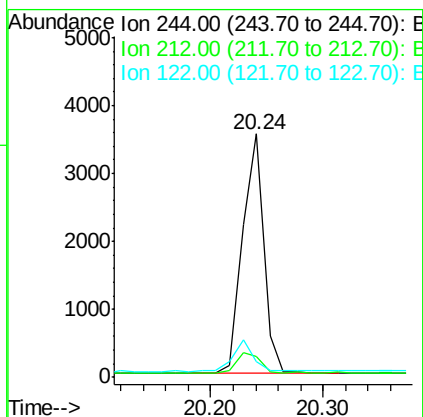
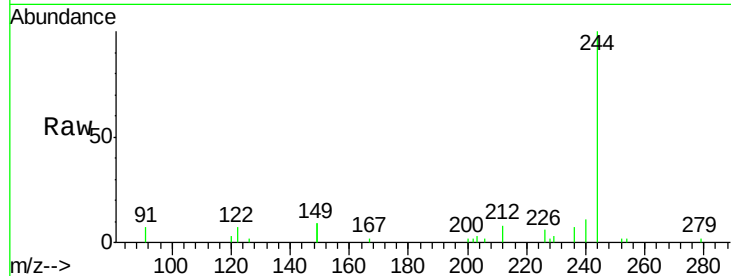




#29
 Terphenyl-d14
 Concen: 0.317 ng
 RT: 20.24 min Scan# 1900
 Delta R.T. -0.00 min
 Lab File: BE095947.D
 Acq: 4 Apr 2018 15:01

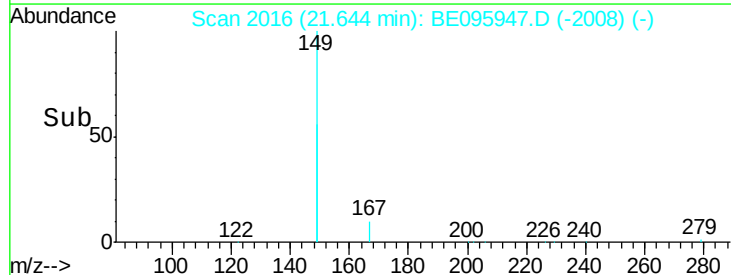
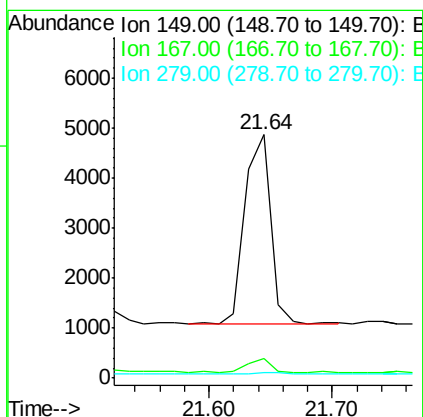
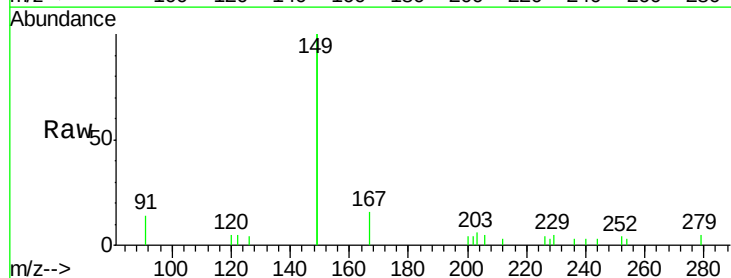
Instrument :
 BNA_E
 ClientSampled :

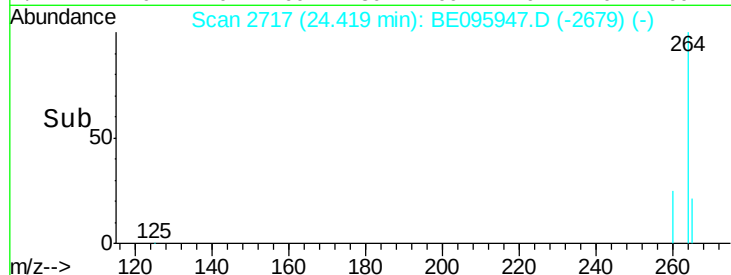
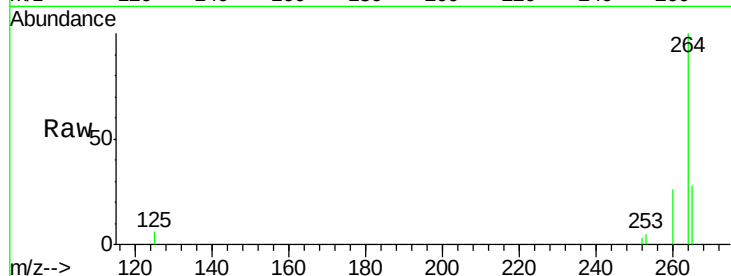
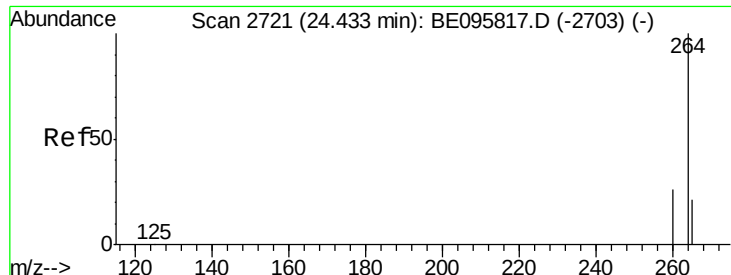
Tot Ion:244 Resp: 4712
 Ion Ratio Lower Upper
 244 100
 212 8.3 25.4 38.0#
 122 6.6 8.1 12.1#



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.073 ng
 RT: 21.64 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BE095947.D
 Acq: 4 Apr 2018 15:01

Tgt Ion:149 Resp: 5449
 Ion Ratio Lower Upper
 149 100
 167 7.3 5.4 8.0
 279 1.0 0.7 1.1





#34
Pervlene-d12
Concen: 0.400 ng
RT: 24.42 min Scan# 2717
Delta R.T. -0.01 min
Lab File: BE095947.D
Acq: 4 Apr 2018 15:01

Instrument :
BNA_E
ClientSampleId :

Tot Ion:	264	Resp:	6999
Ion Ratio	Lower	Upper	
264	100		
260	26.3	20.5	30.7
265	28.1	22.8	34.2

