

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072318\
 Data File : BE097042.D
 Acq On : 23 Jul 2018 18:29
 Operator : SJ/JU
 Sample : J3170-09RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 24 06:14:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 11:34:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1451	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6971	0.40	ng	0.00
13) Acenaphthene-d10	14.02	164	4195	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	11668	0.40	ng	0.00
27) Chrysene-d12	20.98	240	12979	0.40	ng	0.00
34) Perylene-d12	23.21	264	12036	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.06	112	951	0.27	ng	0.01
5) Phenol-d6	6.60	99	827	0.16	ng	0.00
8) Nitrobenzene-d5	8.52	82	2984	0.59	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	5449	0.54	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	847	0.80	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	9510	0.61	ng	0.00
25) Fluoranthene-d10	18.81	212	70499	0.69	ng	0.00
29) Terphenyl-d14	19.43	244	20039	0.80	ng	0.00

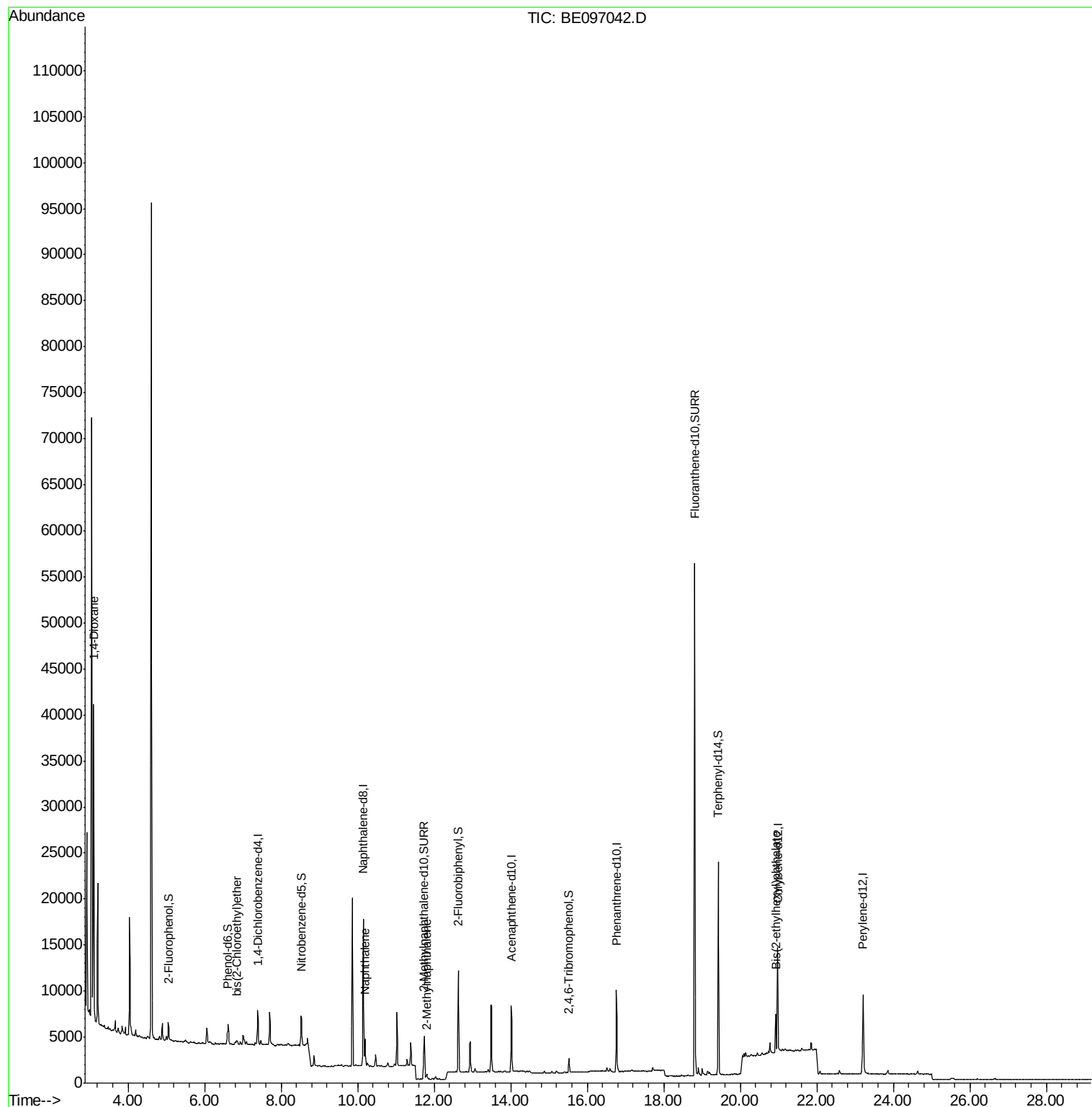
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	17019	8.194	ng	# 88
6) bis(2-Chloroethyl)ether	6.84	93	130	0.025	ng	# 89
9) Naphthalene	10.20	128	4172	0.067	ng	# 95
12) 2-Methylnaphthalene	11.81	142	381	0.036	ng	# 91
32) Bis(2-ethylhexyl)phthalate	20.93	149	6281	0.204	ng	# 99

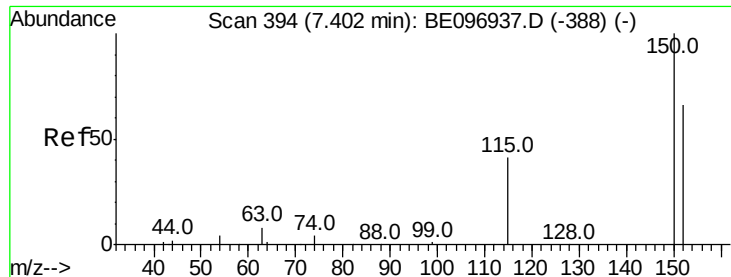
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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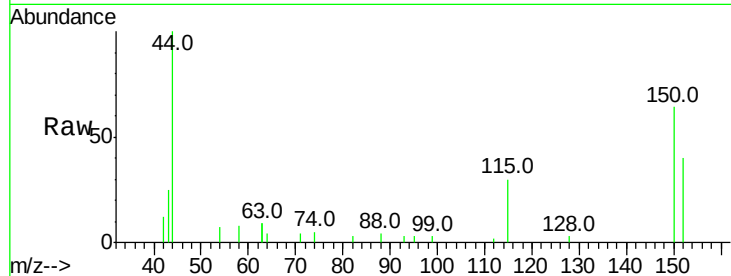


#1

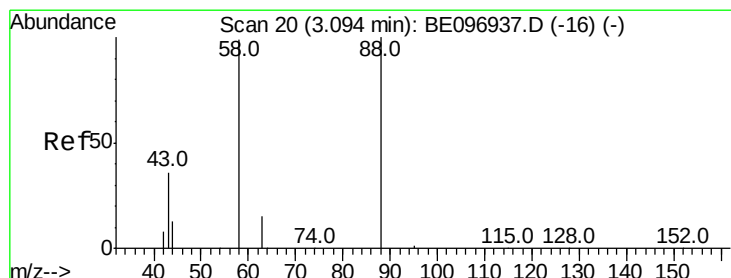
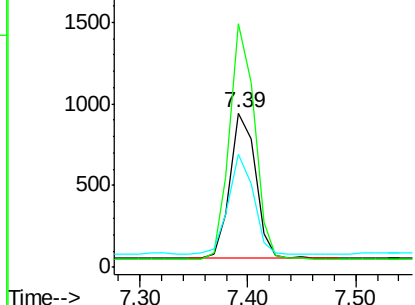
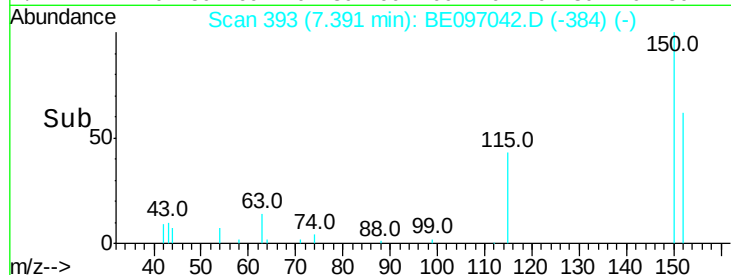
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097042.D
Acq: 23 Jul 2018 18:29

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1451
Ion Ratio Lower Upper
152 100
150 158.0 117.2 175.8
115 73.4 57.0 85.6



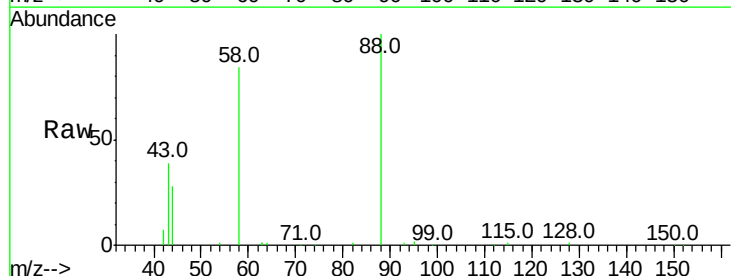
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



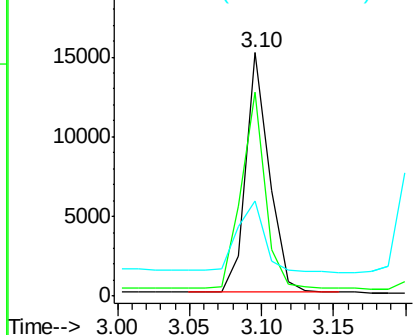
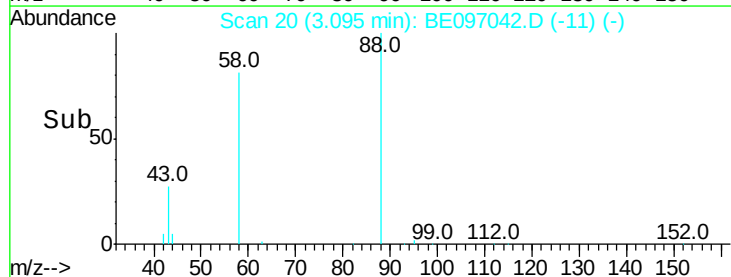
#2

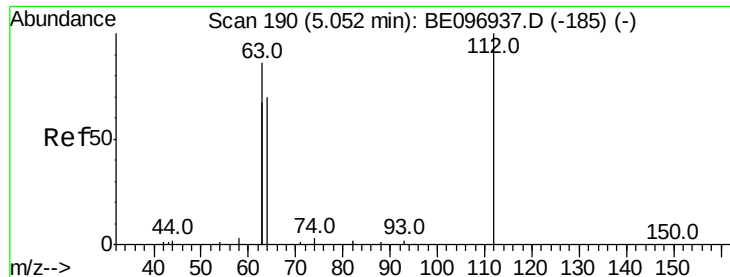
1,4-Dioxane
Concen: 8.194 ng
RT: 3.10 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097042.D
Acq: 23 Jul 2018 18:29

Tgt Ion: 88 Resp: 17019
Ion Ratio Lower Upper
88 100
58 82.7 63.2 94.8
43 35.6 41.2 61.8#



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: 0.274 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097042.D

Acq: 23 Jul 2018 18:29

Instrument :

BNA_E

ClientSampleId :

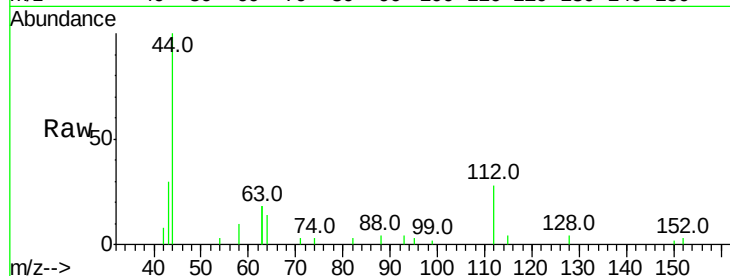
Tot Ion: 112 Resp: 951

Ion Ratio Lower Upper

112 100

64 70.6 60.1 90.1

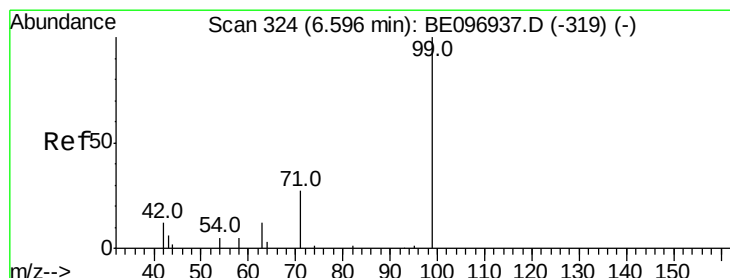
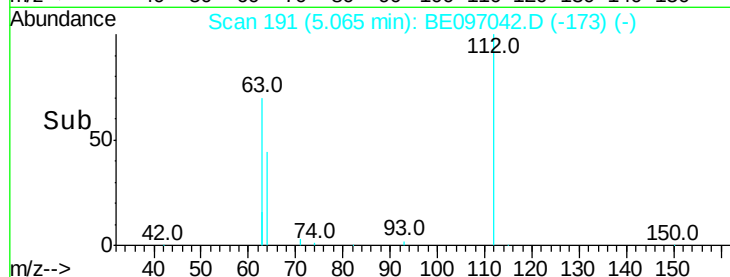
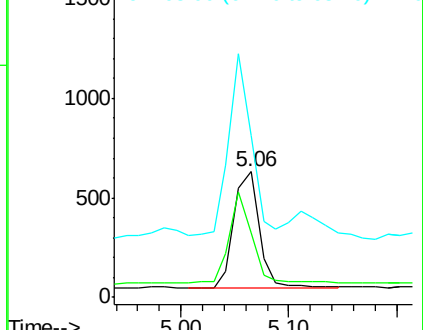
63 144.8 116.8 175.2



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: 0.156 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097042.D

Acq: 23 Jul 2018 18:29

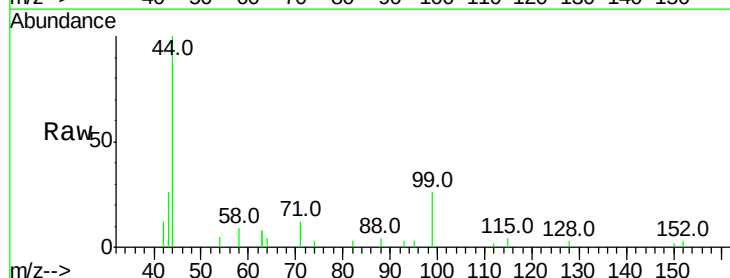
Tgt Ion: 99 Resp: 827

Ion Ratio Lower Upper

99 100

42 35.2 20.2 30.2#

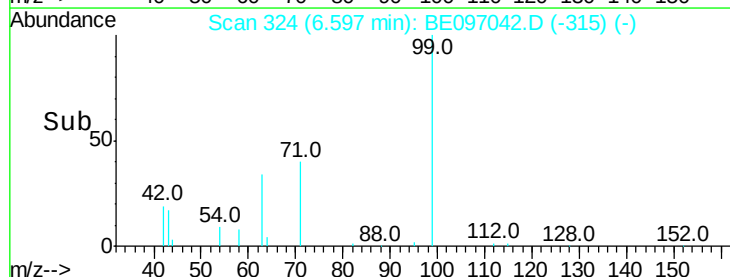
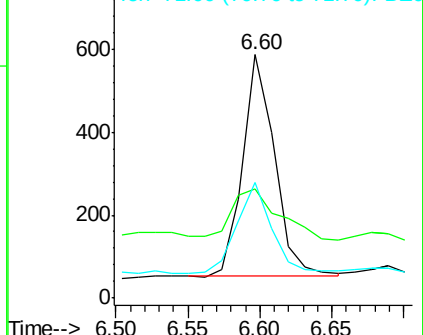
71 45.2 28.4 42.6#

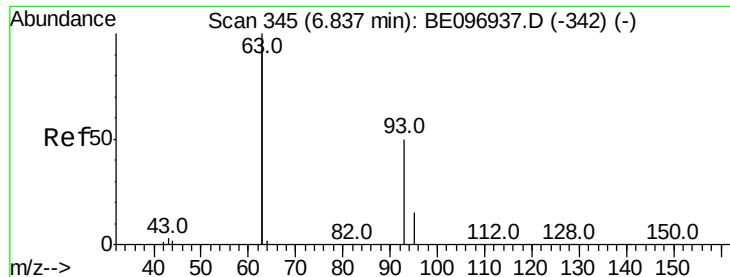


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.025 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097042.D

Acq: 23 Jul 2018 18:29

Instrument :

BNA_E

ClientSampleId :

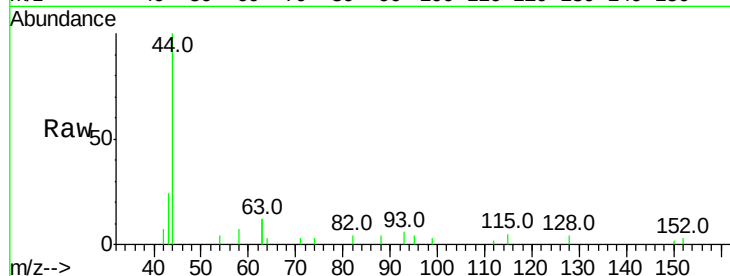
Tot Ion: 93 Resp: 130

Ion Ratio Lower Upper

93 100

63 325.4 275.3 412.9

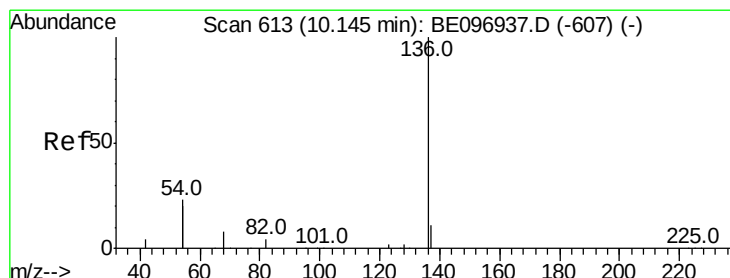
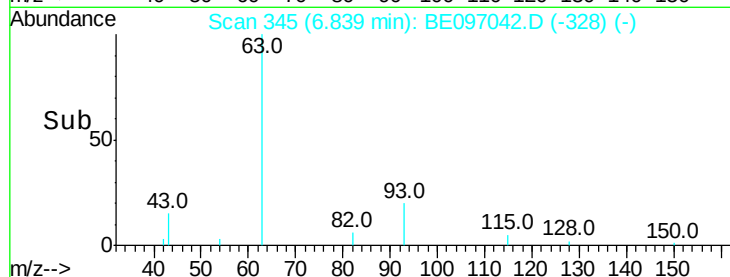
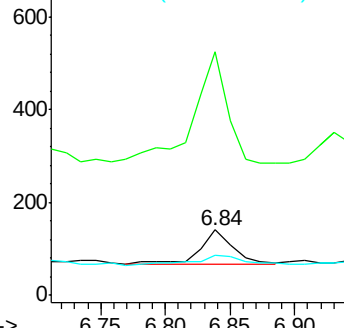
95 52.3 25.2 37.8#



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: 10.15 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097042.D

Acq: 23 Jul 2018 18:29

Tgt Ion:136 Resp: 6971

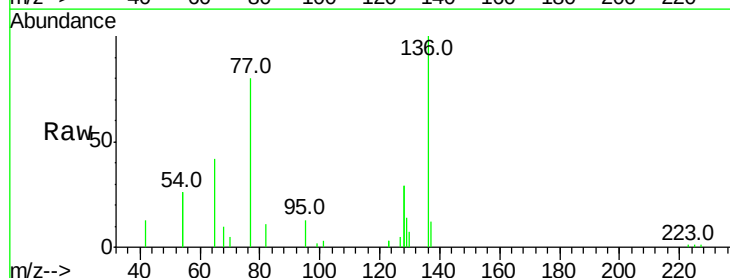
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 52.9 29.1 43.7#

68 10.1 6.2 9.2#

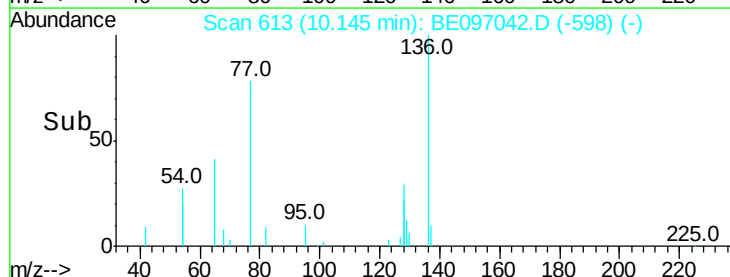
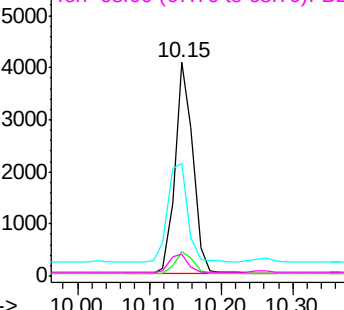


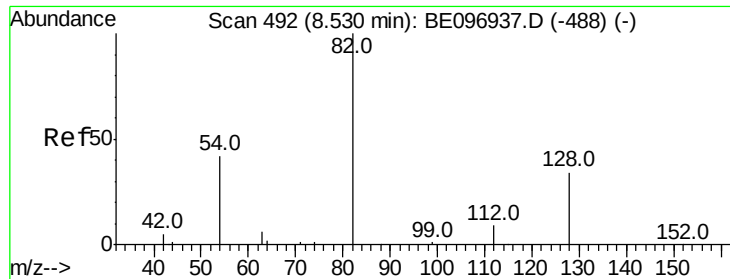
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.587 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097042.D

Acq: 23 Jul 2018 18:29

Instrument :

BNA_E

ClientSampleId :

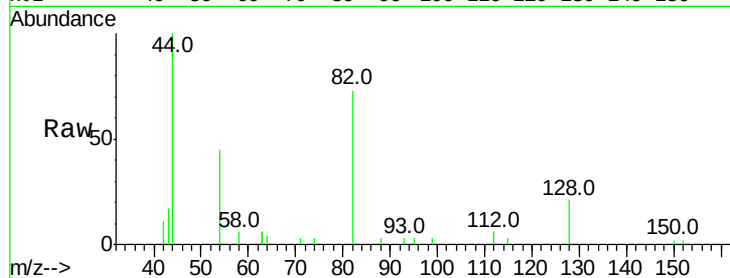
Tot Ion: 82 Resp: 2984

Ion Ratio Lower Upper

82 100

128 28.5 24.0 36.0

54 62.3 40.0 60.0#



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

8.52

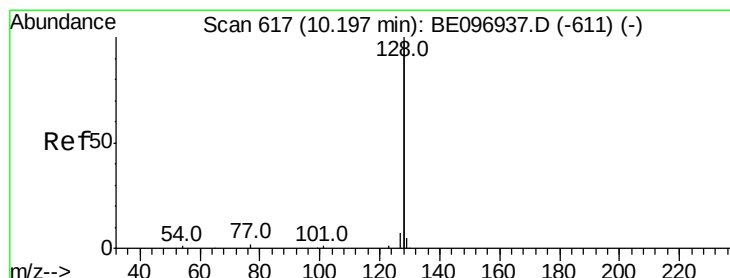
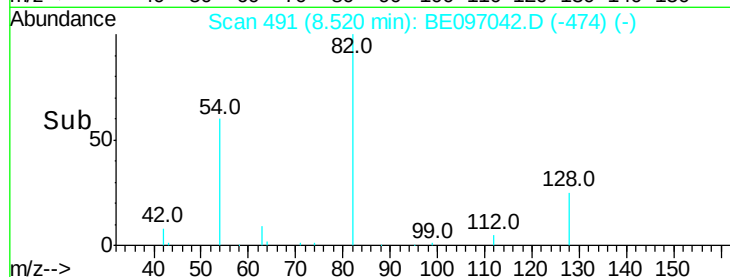
1500

1000

500

0

Time-->



#9

Naphthalene

Concen: 0.067 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE097042.D

Acq: 23 Jul 2018 18:29

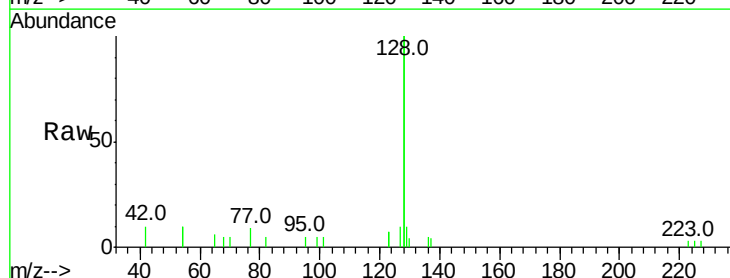
Tgt Ion: 128 Resp: 4172

Ion Ratio Lower Upper

128 100

129 4.8 2.6 3.8#

127 5.1 2.8 4.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.20

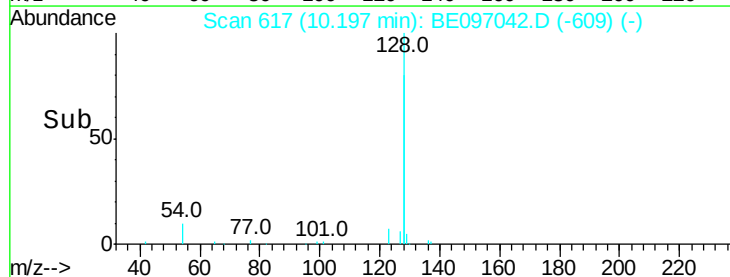
3000

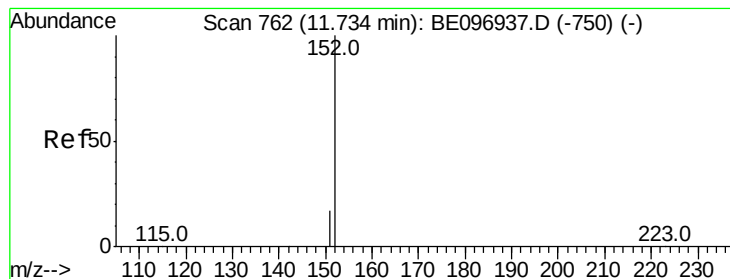
2000

1000

0

Time-->

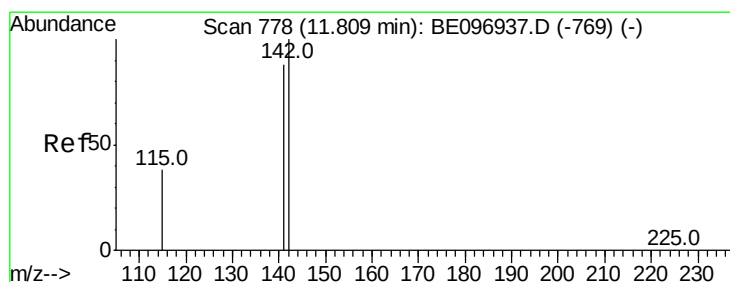
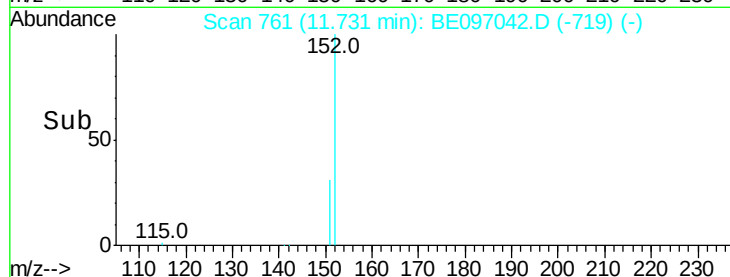
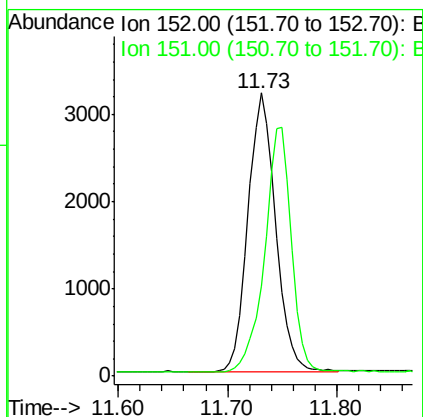
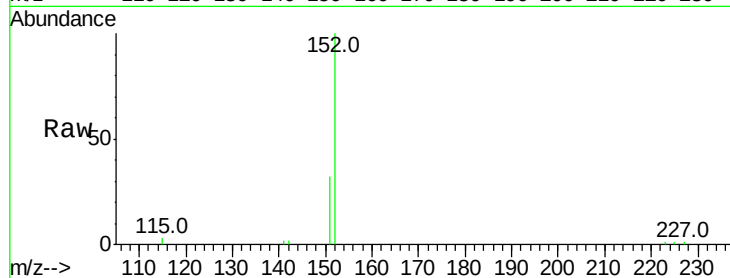




#11
2-Methylnaphthalene-d10
Concen: 0.536 ng
RT: 11.73 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE097042.D
Acq: 23 Jul 2018 18:29

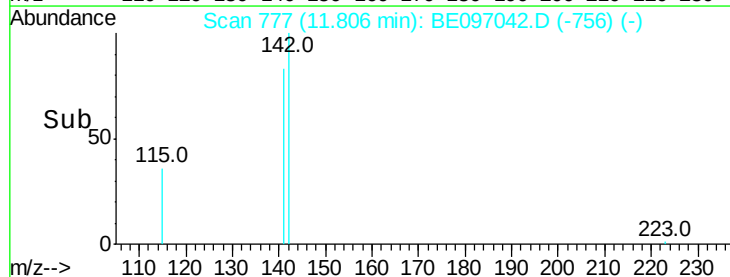
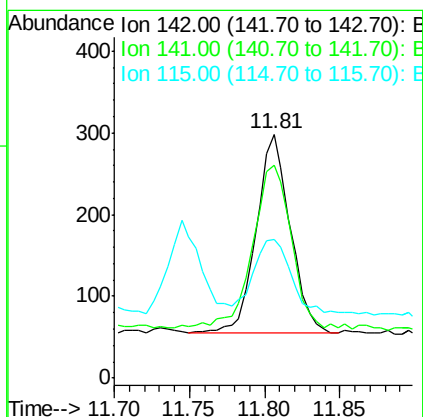
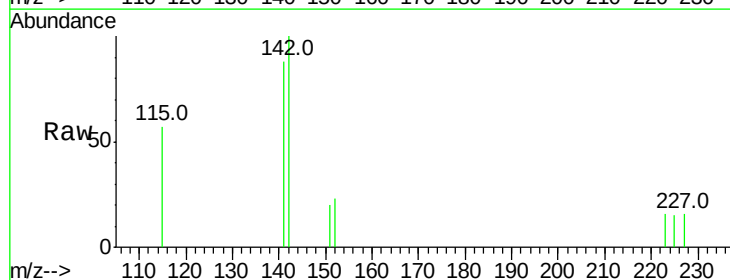
Instrument :
BNA_E
ClientSampleId :

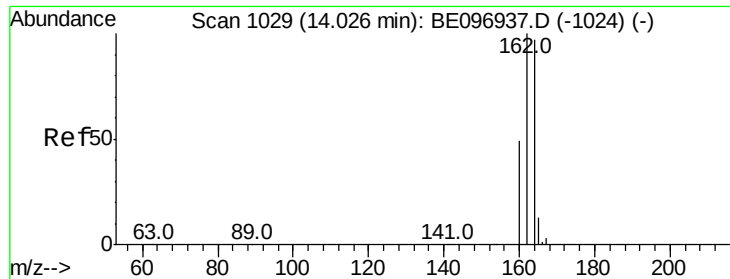
Tot Ion:152 Resp: 5449
Ion Ratio Lower Upper
152 100
151 87.2 15.4 23.0#



#12
2-Methylnaphthalene
Concen: 0.036 ng
RT: 11.81 min Scan# 777
Delta R.T. 0.00 min
Lab File: BE097042.D
Acq: 23 Jul 2018 18:29

Tgt Ion:142 Resp: 381
Ion Ratio Lower Upper
142 100
141 87.6 70.4 105.6
115 57.0 31.7 47.5#

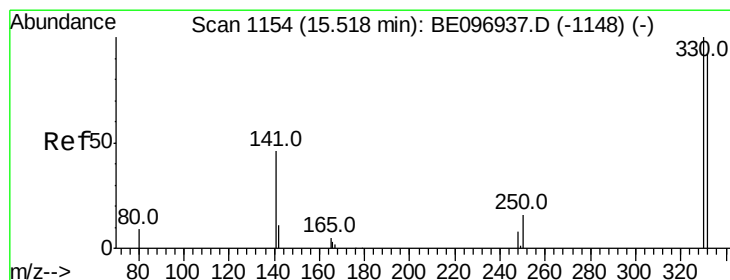
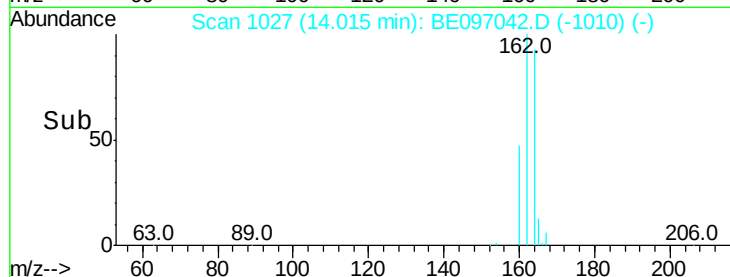
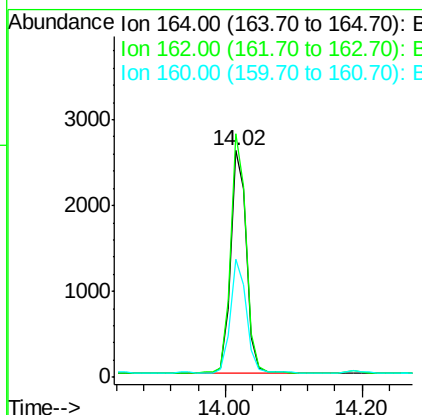
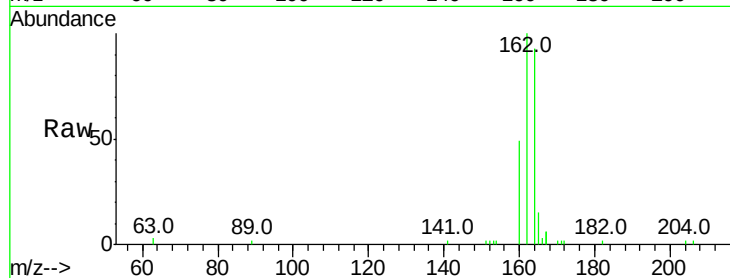




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.02 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE097042.D
 Acq: 23 Jul 2018 18:29

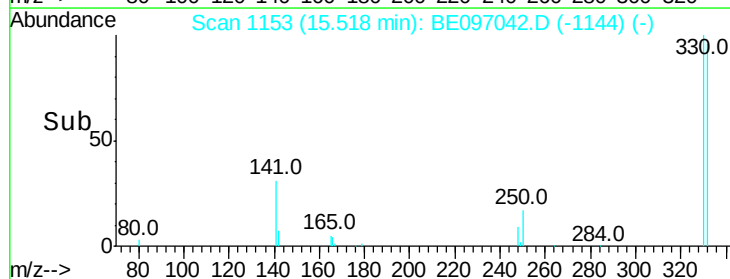
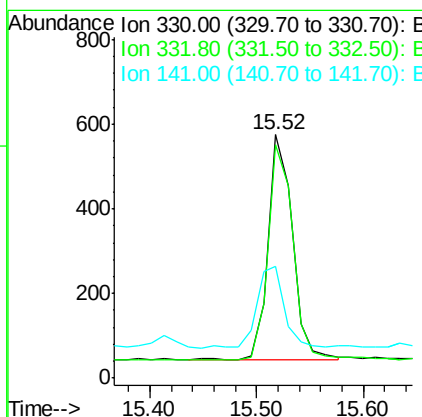
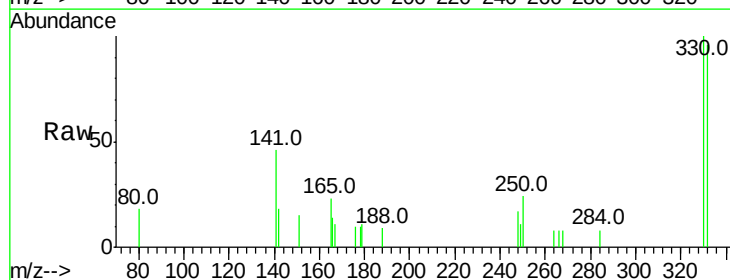
Instrument :
 BNA_E
 ClientSampleId :

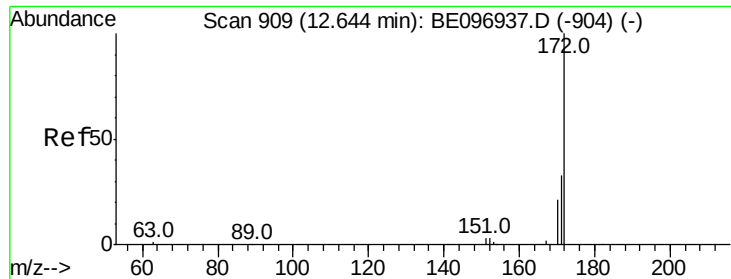
Tot Ion:164 Resp: 4195
 Ion Ratio Lower Upper
 164 100
 162 107.4 83.1 124.7
 160 52.3 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.804 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BE097042.D
 Acq: 23 Jul 2018 18:29

Tgt Ion:330 Resp: 847
 Ion Ratio Lower Upper
 330 100
 332 97.0 152.7 229.1#
 141 40.9 33.7 50.5

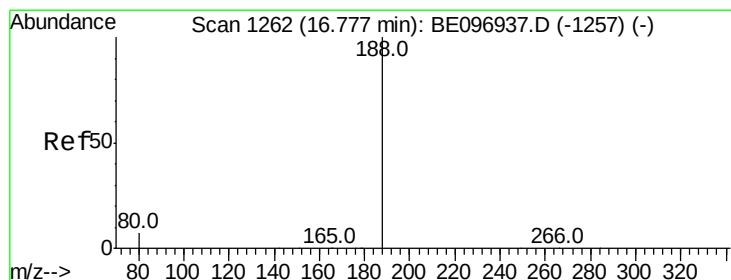
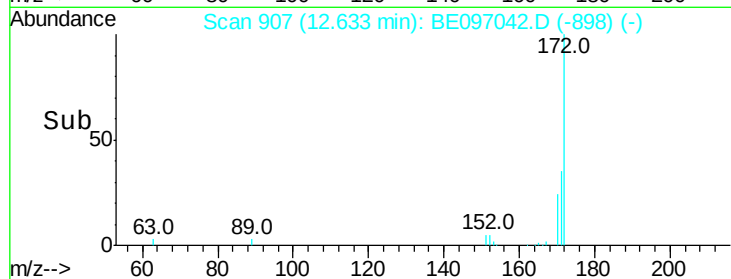
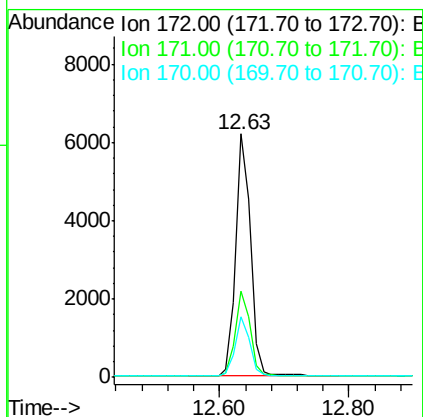
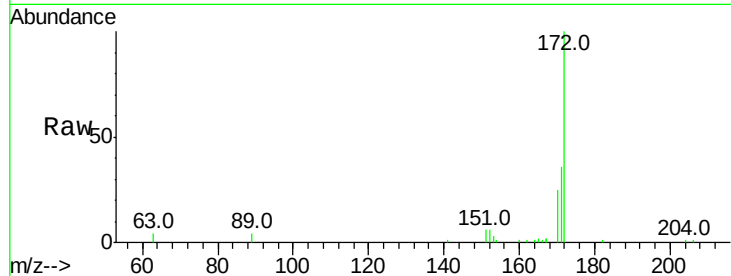




#15
2-Fluorobiphenyl
Concen: 0.609 ng
RT: 12.63 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097042.D
Acq: 23 Jul 2018 18:29

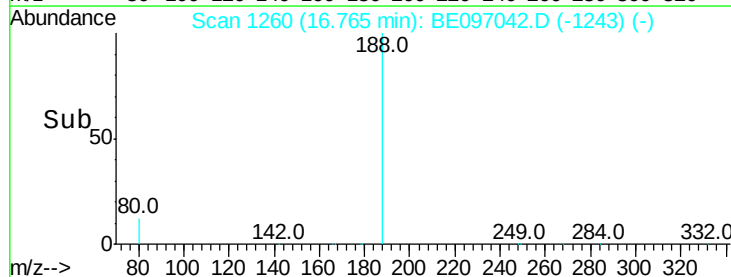
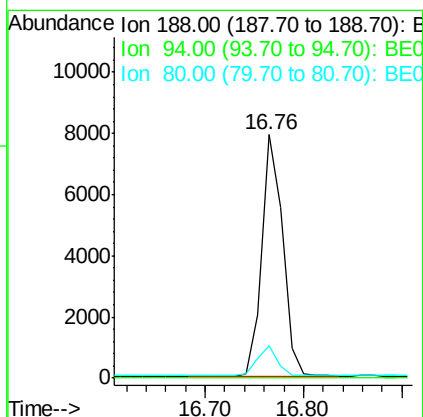
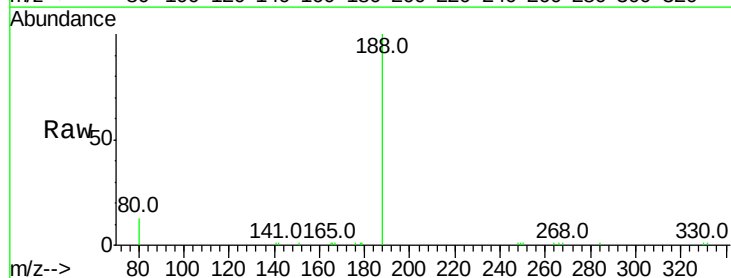
Instrument :
BNA_E
ClientSampleId :

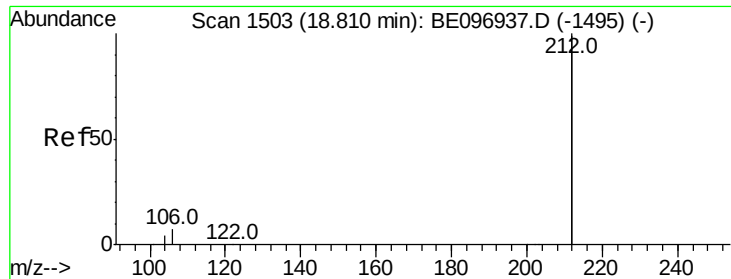
Tot Ion:172 Resp: 9510
Ion Ratio Lower Upper
172 100
171 35.6 29.9 44.9
170 24.7 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BE097042.D
Acq: 23 Jul 2018 18:29

Tgt Ion:188 Resp: 11668
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 13.1 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.694 ng

RT: 18.81 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE097042.D

Acq: 23 Jul 2018 18:29

Instrument :

BNA_E

ClientSampleId :

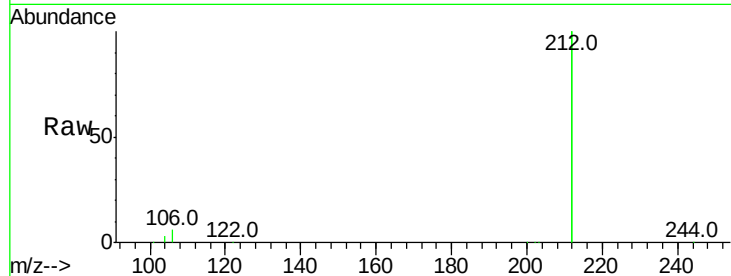
Tot Ion:212 Resp: 70499

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

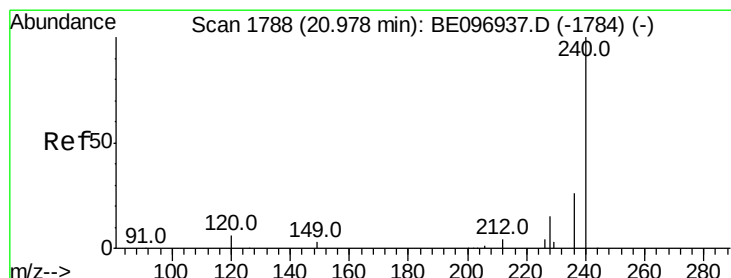
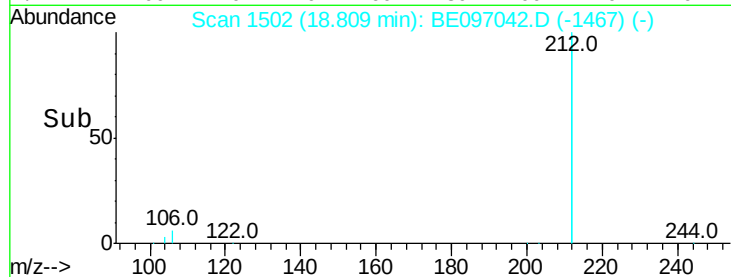
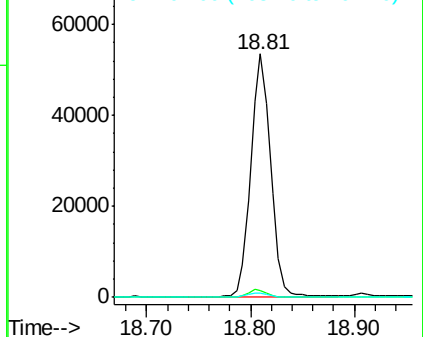
104 1.7 1.6 2.4



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: 20.98 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE097042.D

Acq: 23 Jul 2018 18:29

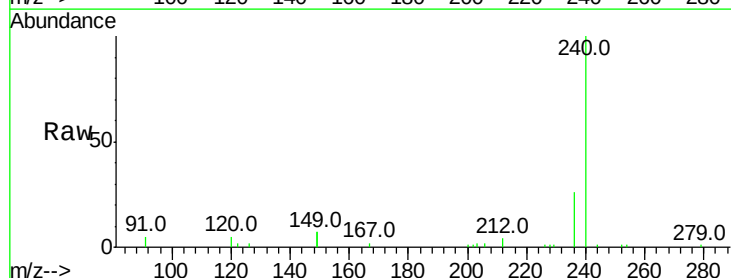
Tgt Ion:240 Resp: 12979

Ion Ratio Lower Upper

240 100

120 4.7 5.5 8.3#

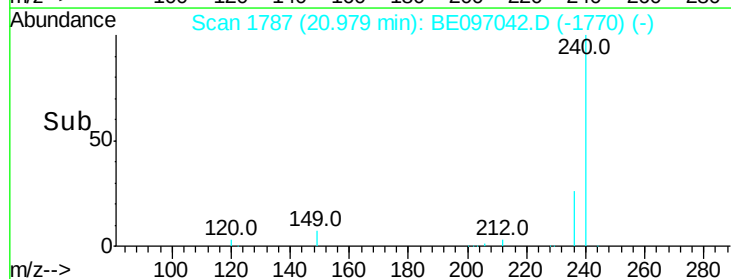
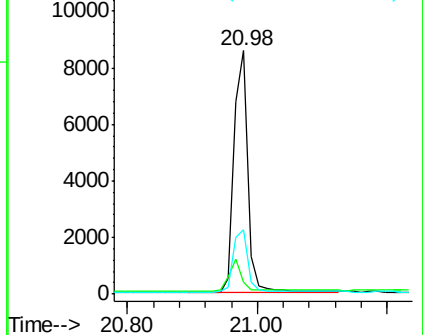
236 26.2 20.7 31.1

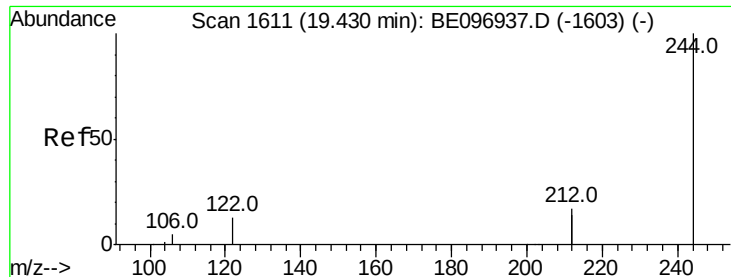


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

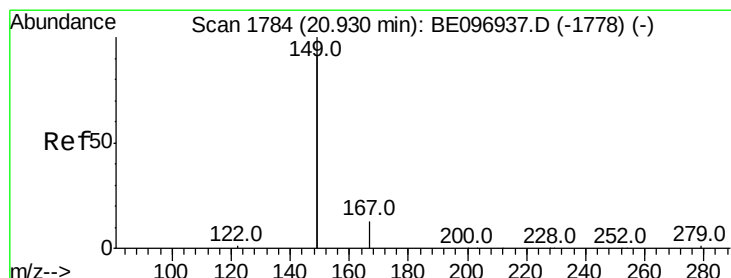
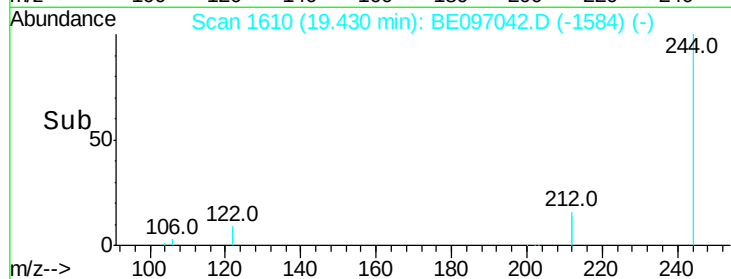
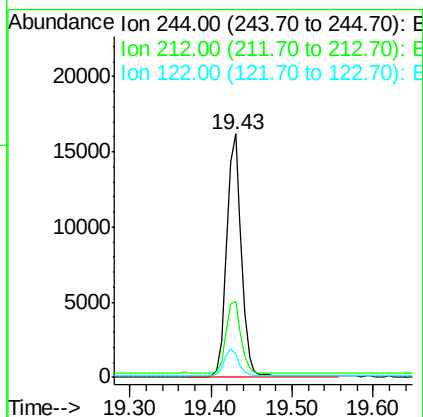
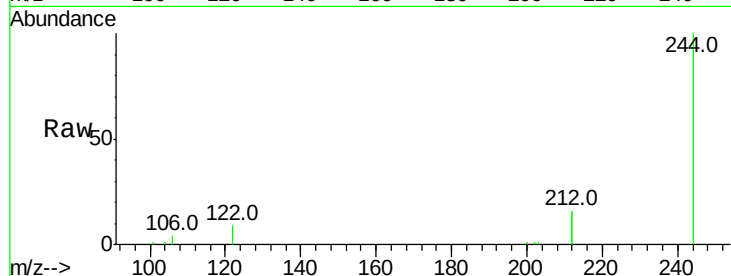




#29
 Terphenyl-d14
 Concen: 0.800 ng
 RT: 19.43 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BE097042.D
 Acq: 23 Jul 2018 18:29

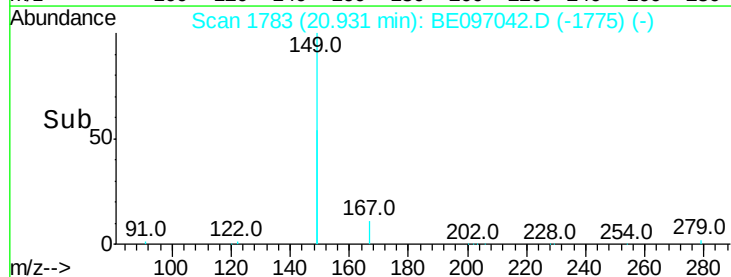
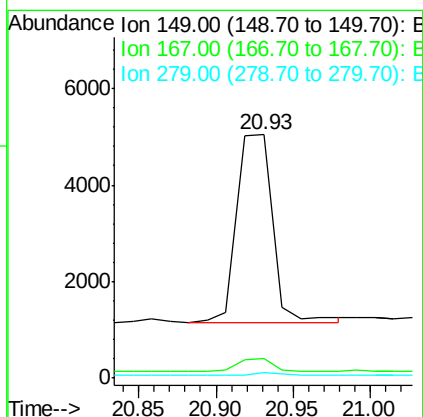
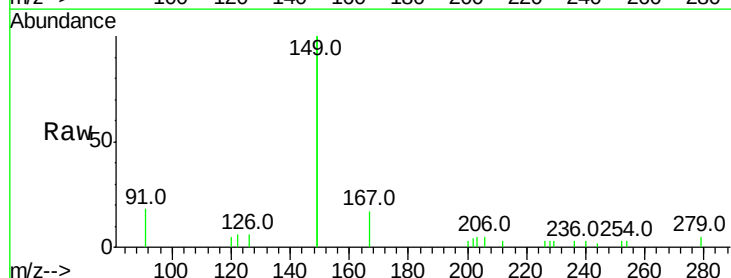
Instrument :
 BNA_E
 ClientSampleId :

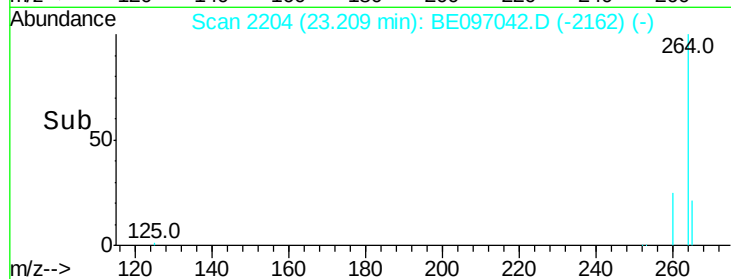
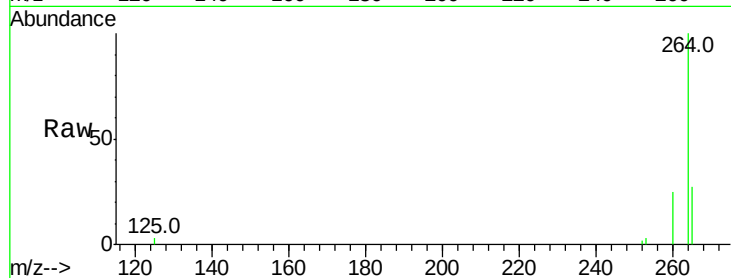
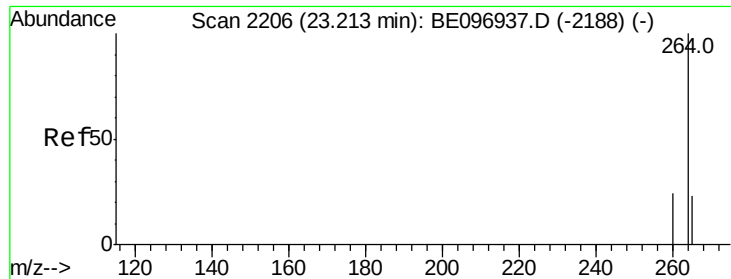
Tot Ion:244 Resp: 20039
 Ion Ratio Lower Upper
 244 100
 212 31.4 25.4 38.0
 122 9.5 8.1 12.1



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.204 ng
 RT: 20.93 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BE097042.D
 Acq: 23 Jul 2018 18:29

Tgt Ion:149 Resp: 6281
 Ion Ratio Lower Upper
 149 100
 167 7.0 5.4 8.0
 279 1.1 0.7 1.1#





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE097042.D
 Acq: 23 Jul 2018 18:29

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:	264	Resp:	12036
Ion Ratio	Lower	Upper	
264	100		
260	25.5	20.5	30.7
265	27.4	22.8	34.2

