

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082818\
 Data File : BE097378.D
 Acq On : 28 Aug 2018 13:46
 Operator : SJ/JU
 Sample : J4605-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 28 17:13:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 18:07:26 2018
 Response via : Initial Calibration

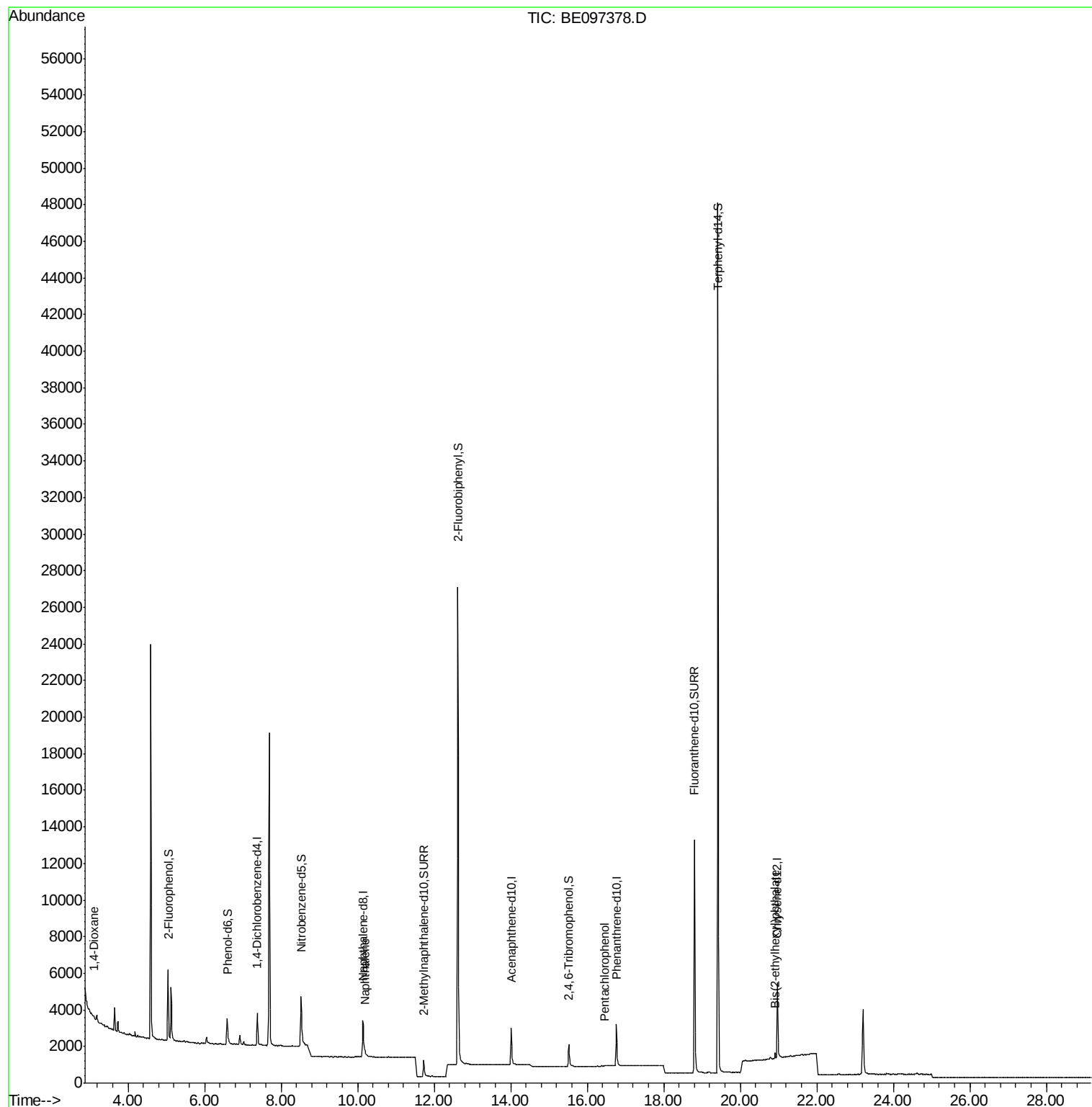
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	849	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3010	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	1403	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	3700	0.40	ng	0.00
27) Chrysene-d12	20.97	240	5055	0.40	ng	0.00
34) Perylene-d12	0.00	264	0	0.00	ng	-23.20
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	2124	0.85	ng	0.00
5) Phenol-d6	6.60	99	1615	0.48	ng	0.00
8) Nitrobenzene-d5	8.52	82	3104	1.44	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	1639	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	854	1.80	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	25107	4.87	ng	0.00
25) Fluoranthene-d10	18.80	212	19250	0.45	ng	0.00
29) Terphenyl-d14	19.42	244	40337	4.32	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.09	88	35	0.023	ng	# 16
9) Naphthalene	10.19	128	561	0.020	ng	# 71
22) Pentachlorophenol	16.45	266	8	0.213	ng	# 94
32) Bis(2-ethylhexyl)phthalate	20.91	149	495	0.116	ng	# 98
33) Indeno(1,2,3-cd)pyrene	25.47	276	1	Below Cal		# 1

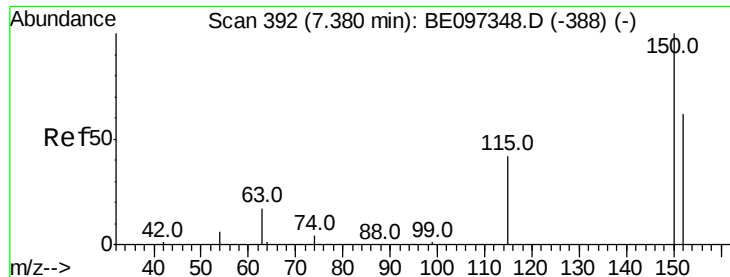
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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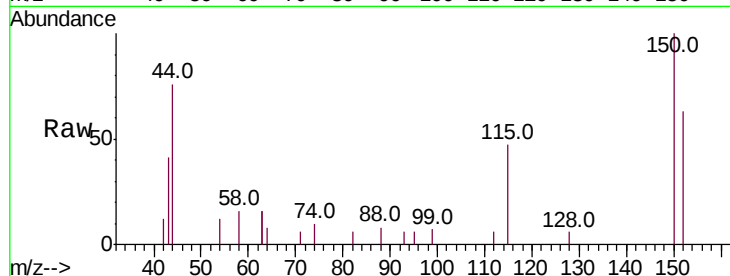


#1

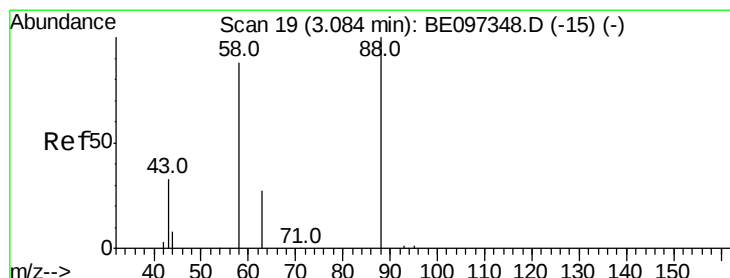
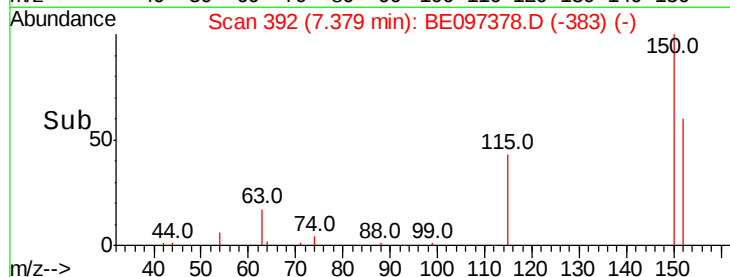
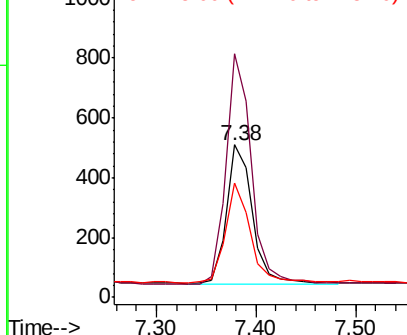
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097378.D
Acq: 28 Aug 2018 13:46

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 849
Ion Ratio Lower Upper
152 100
150 159.6 117.2 175.8
115 74.7 57.0 85.6



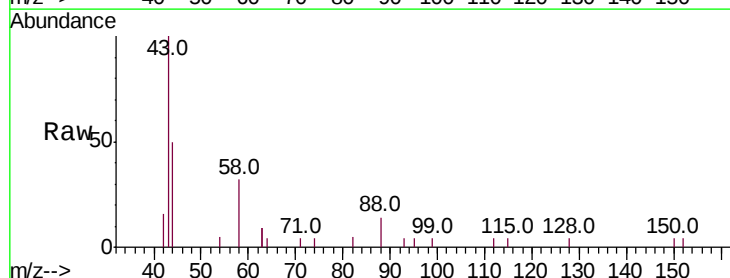
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



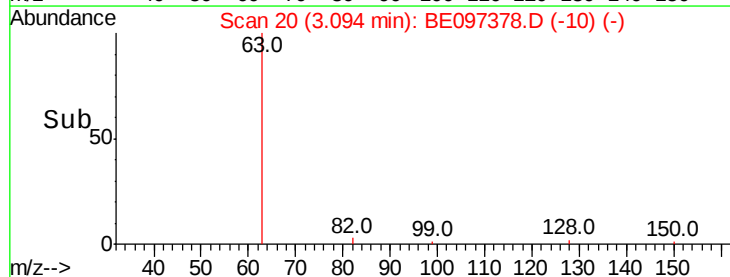
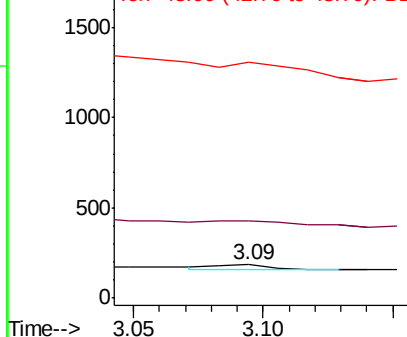
#2

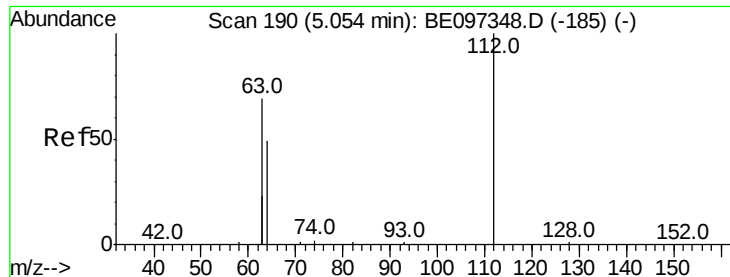
1,4-Dioxane
Concen: 0.023 ng
RT: 3.09 min Scan# 20
Delta R.T. 0.01 min
Lab File: BE097378.D
Acq: 28 Aug 2018 13:46

Tgt Ion: 88 Resp: 35
Ion Ratio Lower Upper
88 100
58 0.0 63.2 94.8#
43 0.0 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: 0.846 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097378.D

Acq: 28 Aug 2018 13:46

Instrument :

BNA_E

ClientSampled :

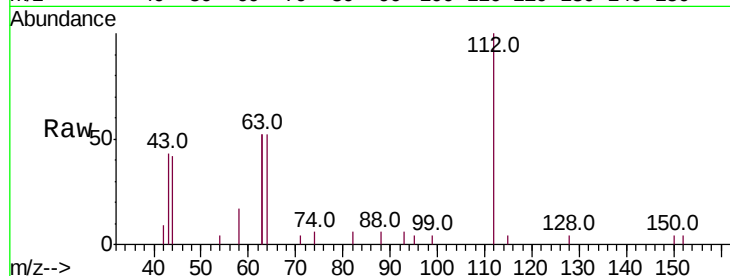
Tot Ion:112 Resp: 2124

Ion Ratio Lower Upper

112 100

64 68.3 60.1 90.1

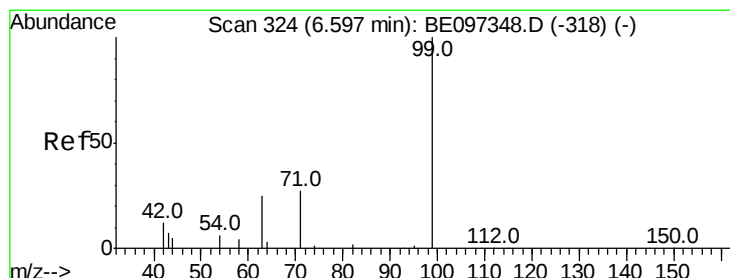
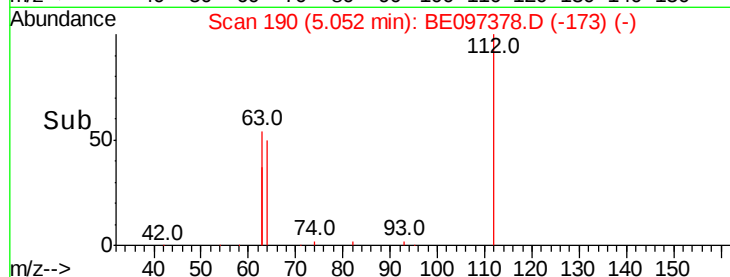
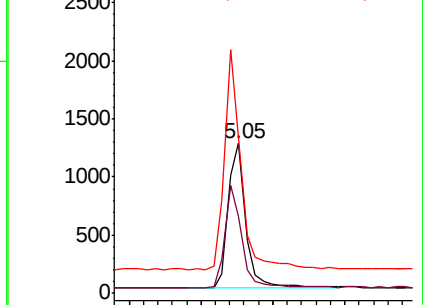
63 142.9 116.8 175.2



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: 0.481 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097378.D

Acq: 28 Aug 2018 13:46

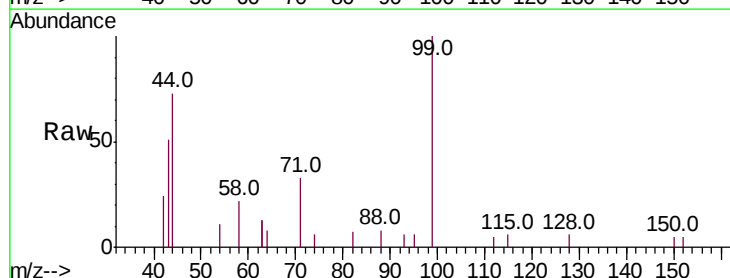
Tgt Ion: 99 Resp: 1615

Ion Ratio Lower Upper

99 100

42 22.9 20.2 30.2

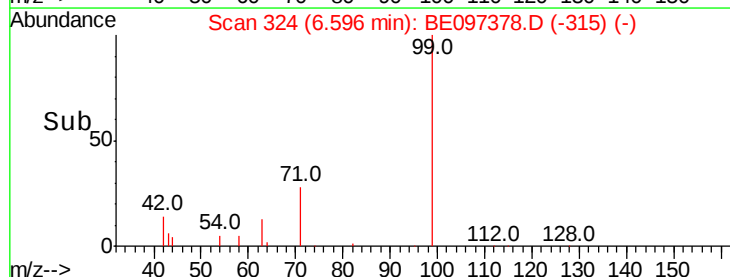
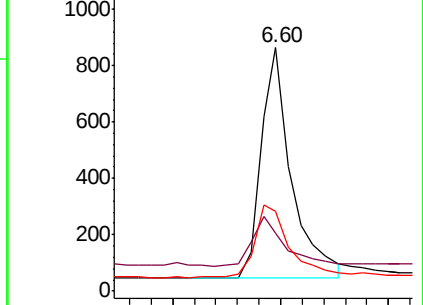
71 35.7 28.4 42.6

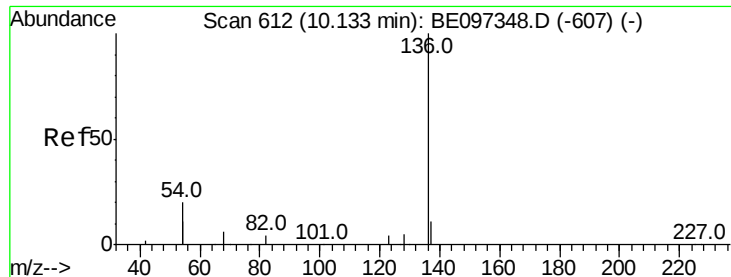


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097378.D

Acq: 28 Aug 2018 13:46

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3010

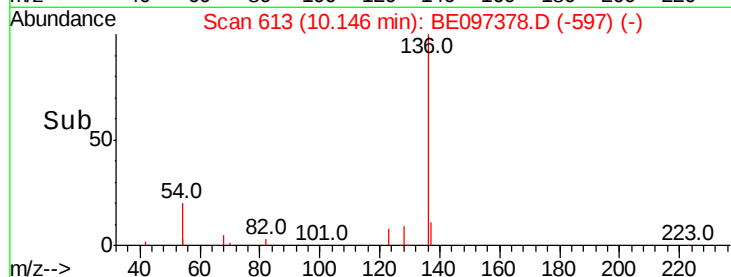
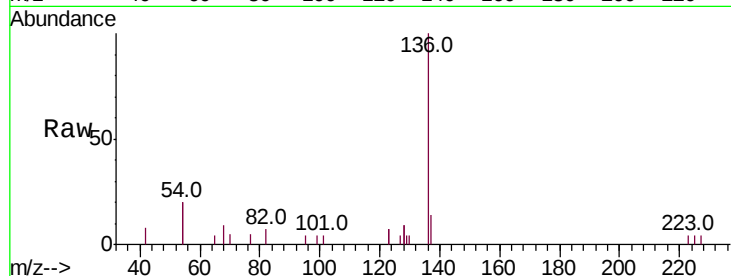
Ion Ratio Lower Upper

136 100

137 14.3 9.5 14.3#

54 39.4 29.1 43.7

68 8.7 6.2 9.2

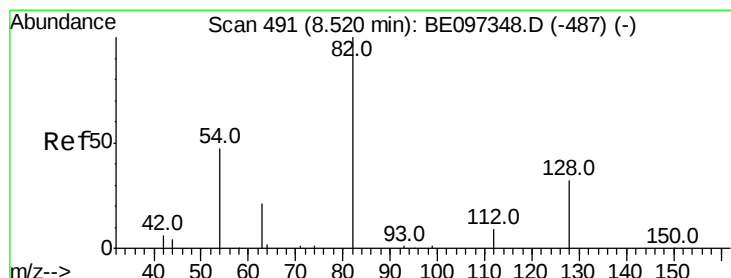
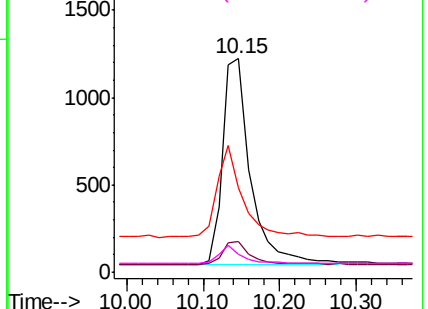


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.439 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097378.D

Acq: 28 Aug 2018 13:46

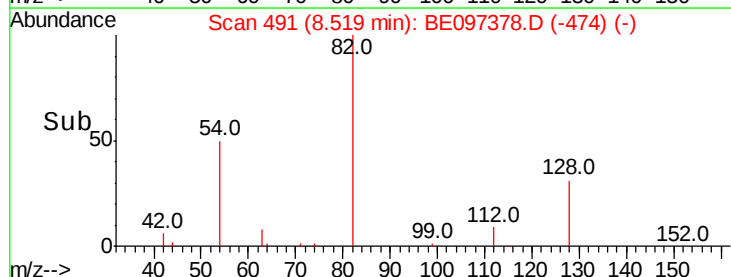
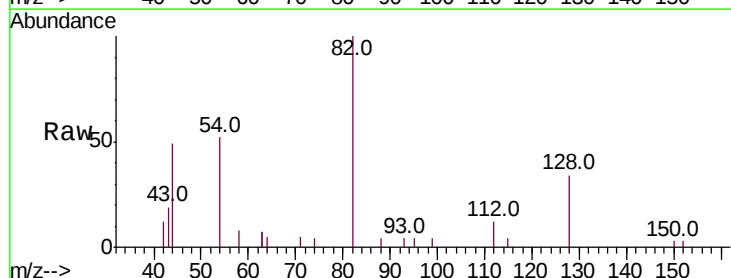
Tgt Ion: 82 Resp: 3104

Ion Ratio Lower Upper

82 100

128 33.8 24.0 36.0

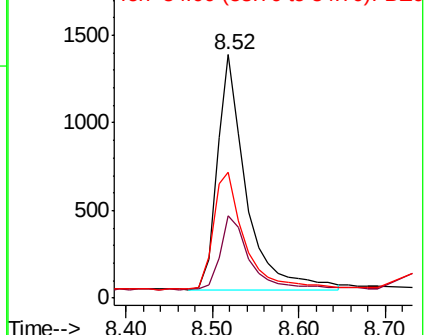
54 51.8 40.0 60.0

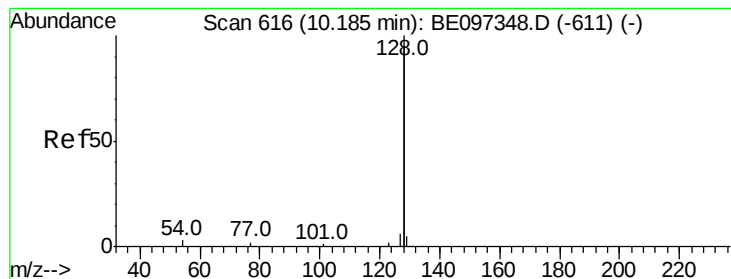


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.020 ng

RT: 10.19 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE097378.D

Acq: 28 Aug 2018 13:46

Instrument :

BNA_E

ClientSampleId :

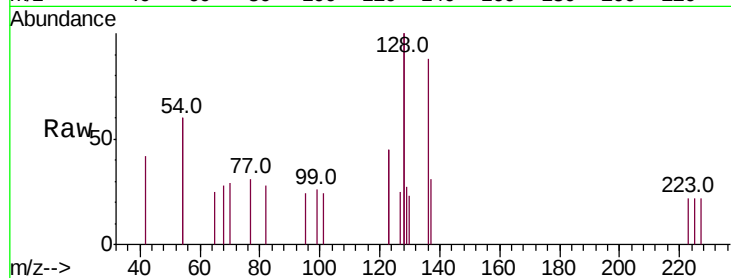
Tot Ion:128 Resp: 561

Ion Ratio Lower Upper

128 100

129 13.6 2.6 3.8#

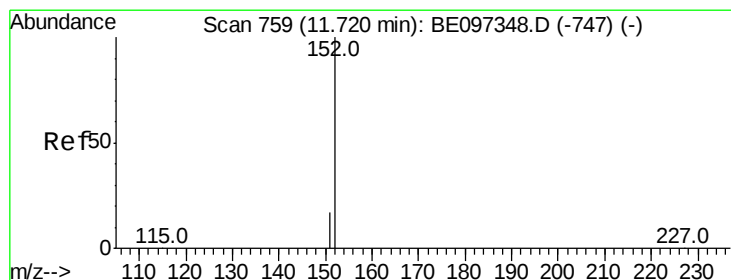
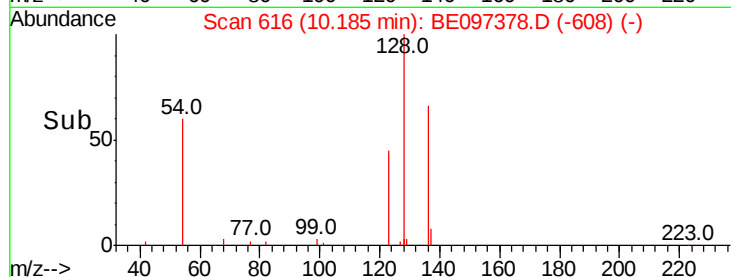
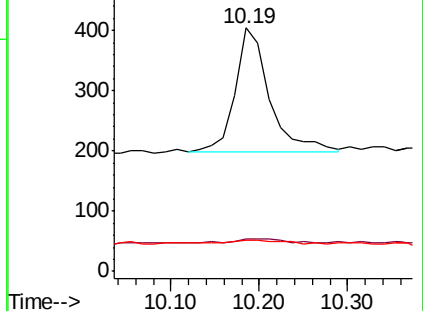
127 12.6 2.8 4.2#



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



#11

2-Methylnaphthalene-d10

Concen: 0.391 ng

RT: 11.73 min Scan# 761

Delta R.T. 0.01 min

Lab File: BE097378.D

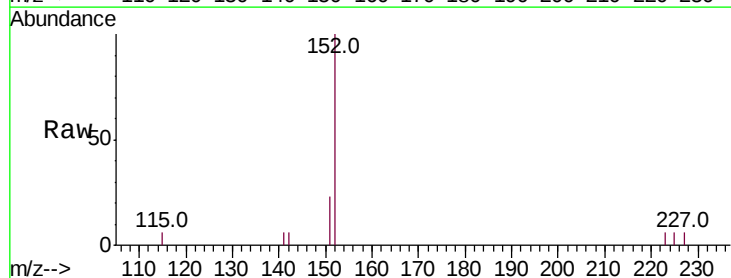
Acq: 28 Aug 2018 13:46

Tgt Ion:152 Resp: 1639

Ion Ratio Lower Upper

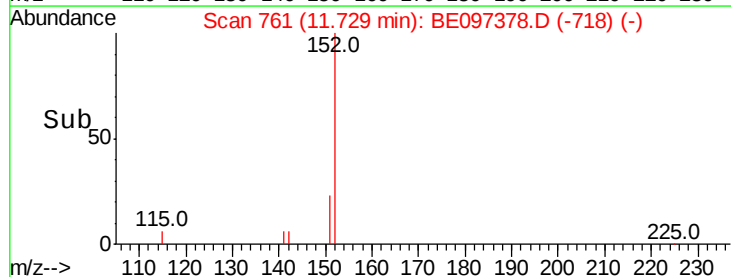
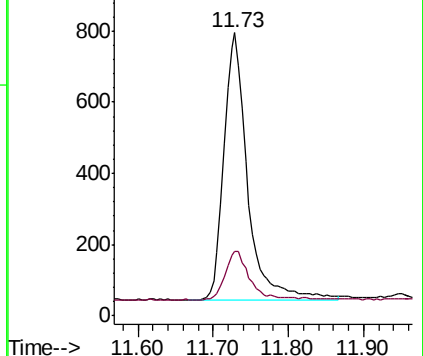
152 100

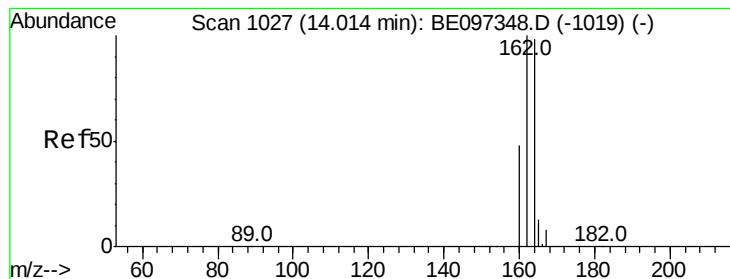
151 18.9 15.4 23.0



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: 14.01 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE097378.D

Acq: 28 Aug 2018 13:46

Instrument :

BNA_E

ClientSampleId :

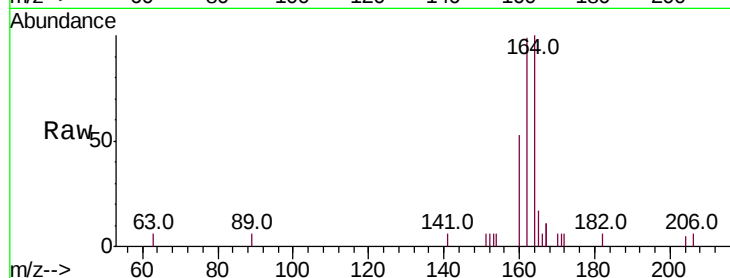
Tot Ion:164 Resp: 1403

Ion Ratio Lower Upper

164 100

162 98.8 83.1 124.7

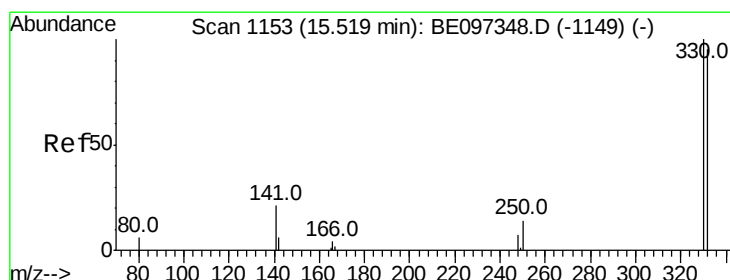
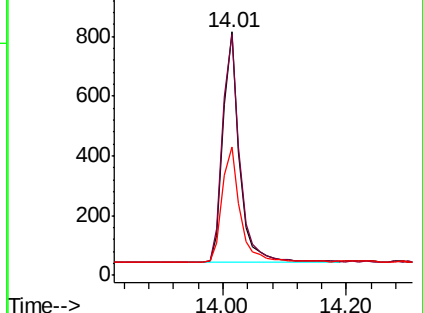
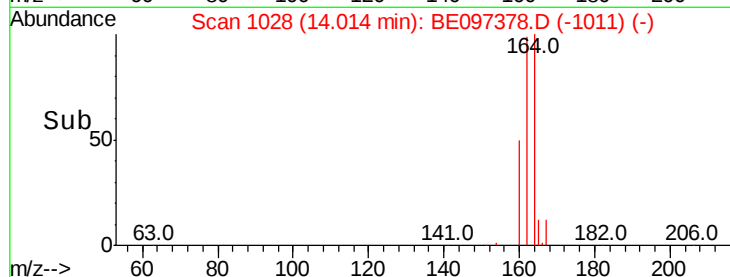
160 52.9 37.1 55.7



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: 1.800 ng

RT: 15.52 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097378.D

Acq: 28 Aug 2018 13:46

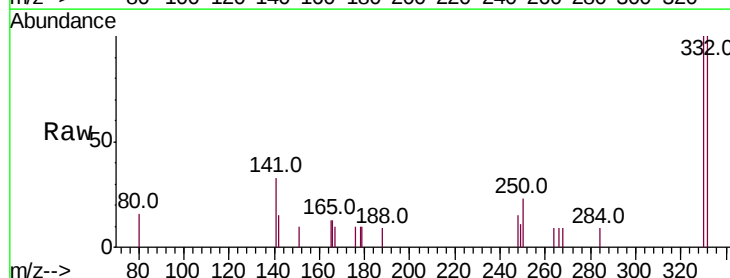
Tgt Ion:330 Resp: 854

Ion Ratio Lower Upper

330 100

332 95.1 152.7 229.1#

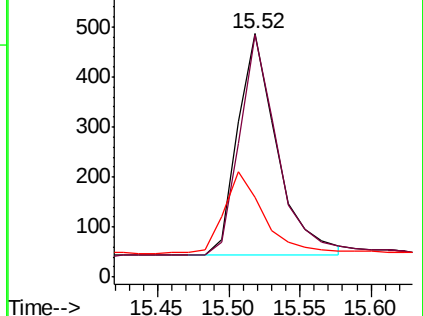
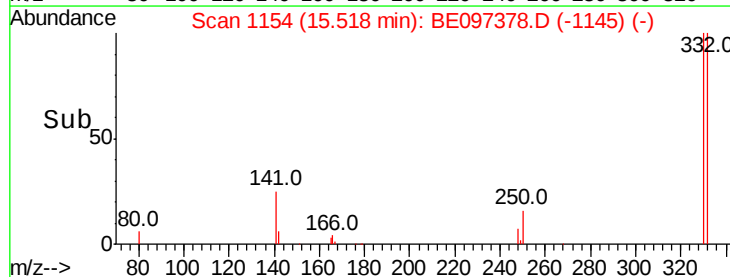
141 37.9 33.7 50.5

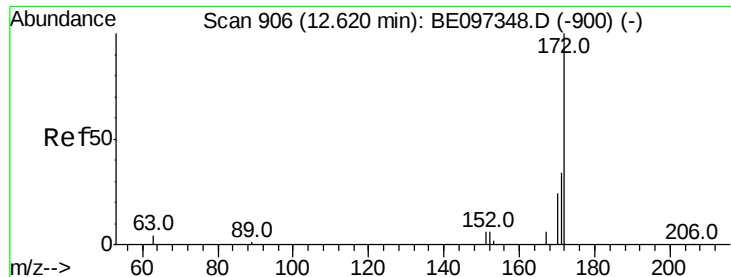


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

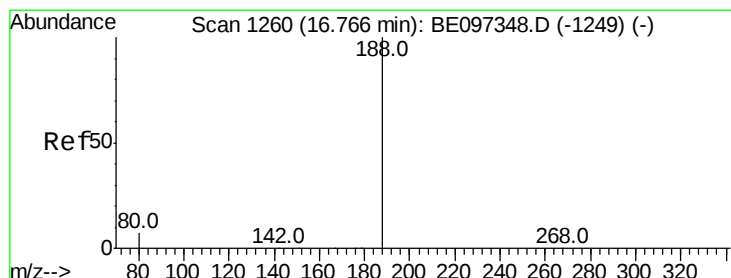
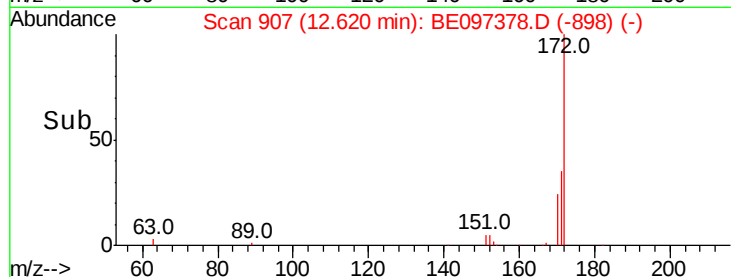
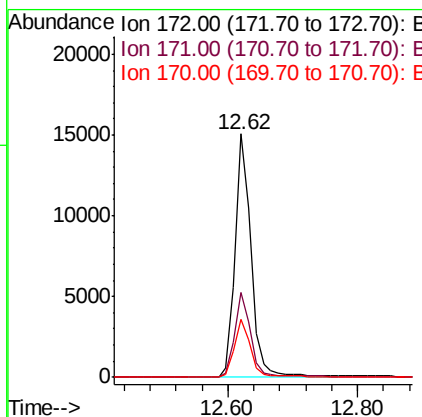
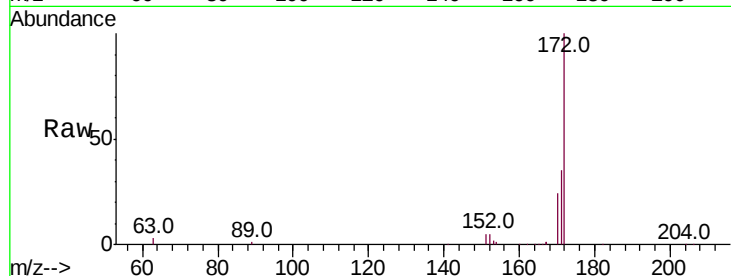




#15
 2-Fluorobiphenyl
 Concen: 4.875 ng
 RT: 12.62 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BE097378.D
 Acq: 28 Aug 2018 13:46

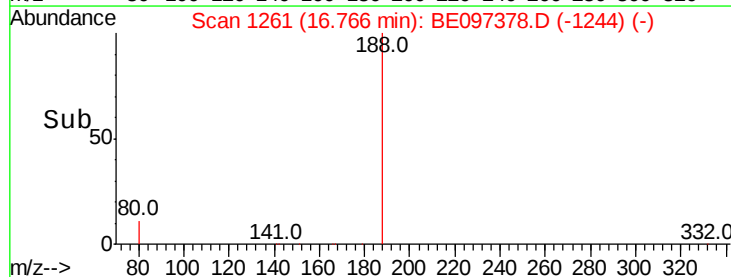
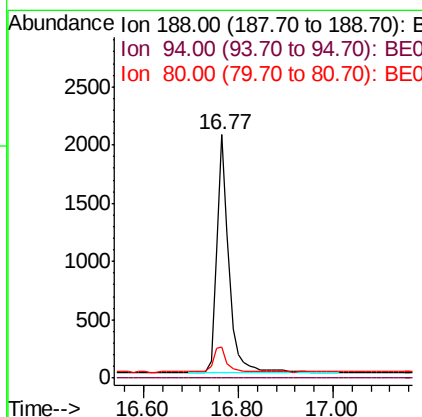
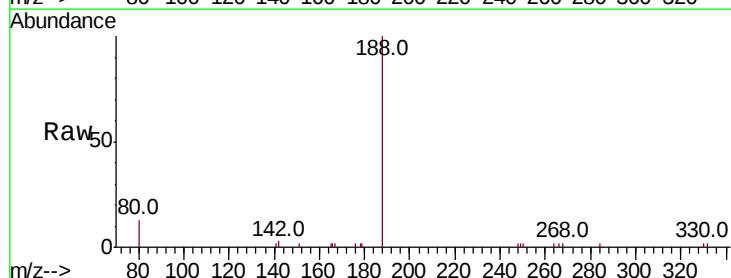
Instrument :
 BNA_E
 ClientSampleId :

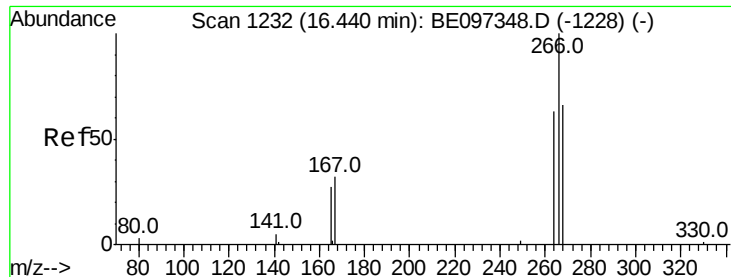
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.9	44.9
170	23.9	21.8	32.8



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.77 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BE097378.D
 Acq: 28 Aug 2018 13:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	13.0	3.6	5.4#



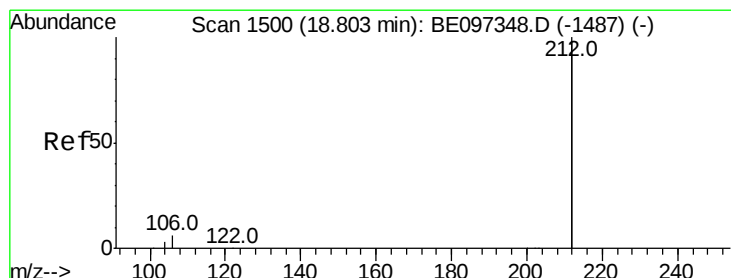
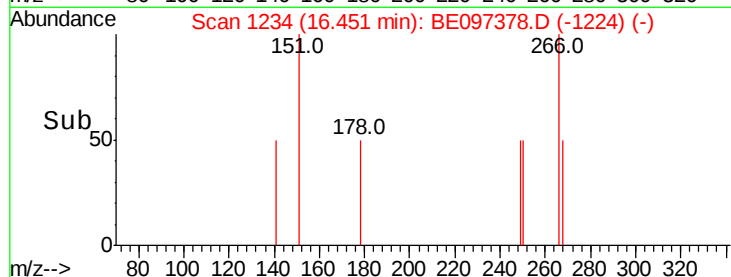
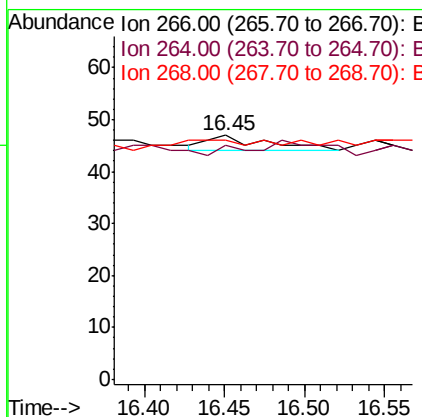
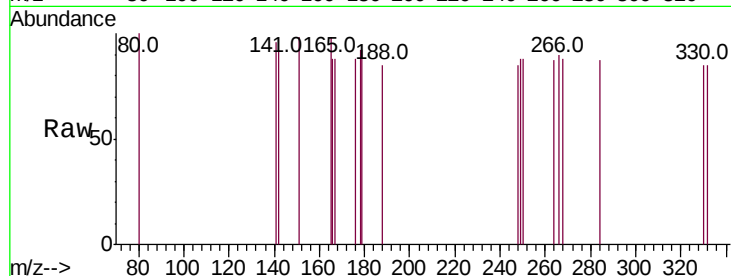


#22
 Pentachlorophenol
 Concen: 0.213 ng
 RT: 16.45 min Scan# 1234
 Delta R.T. 0.01 min
 Lab File: BE097378.D
 Acq: 28 Aug 2018 13:46

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 8

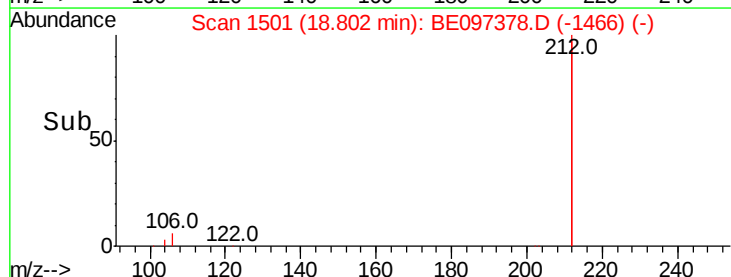
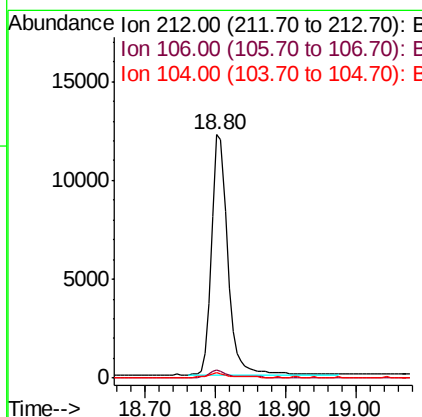
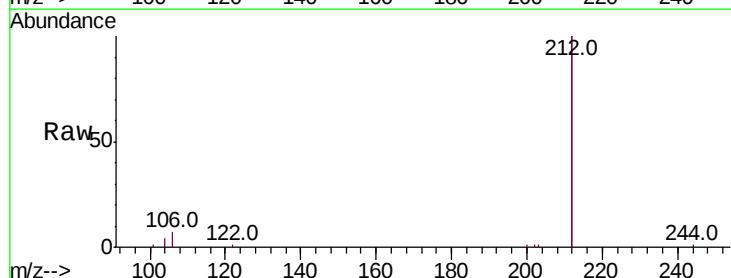
Ion	Ratio	Lower	Upper
266	100		
264	95.7	72.5	108.7
268	97.9	73.8	110.6

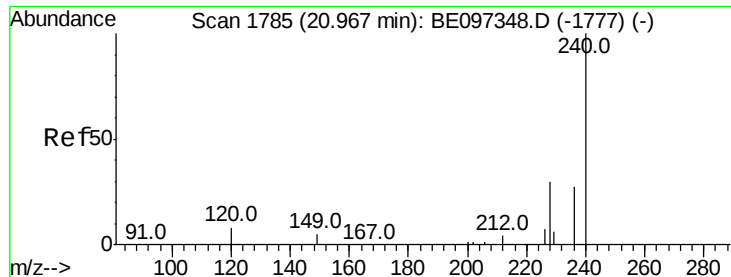


#25
 Fluoranthene-d10
 Concen: 0.453 ng
 RT: 18.80 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BE097378.D
 Acq: 28 Aug 2018 13:46

Tgt Ion:212 Resp: 19250

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.7	1.6	2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BE097378.D

Acq: 28 Aug 2018 13:46

Instrument :

BNA_E

ClientSampleId :

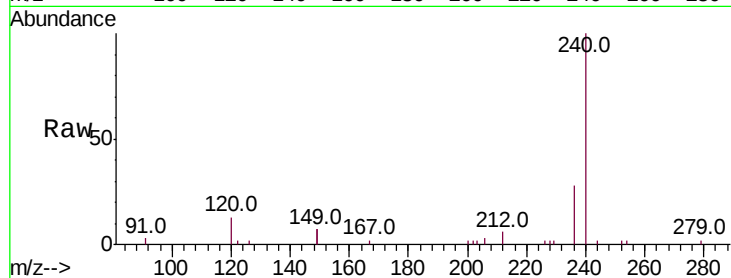
Tot Ion:240 Resp: 5055

Ion Ratio Lower Upper

240 100

120 13.1 5.5 8.3#

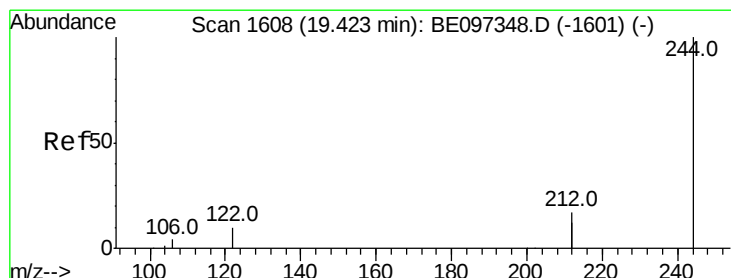
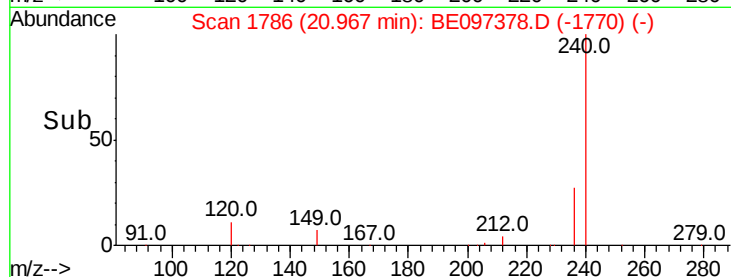
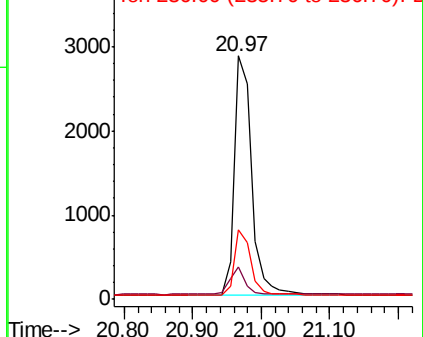
236 28.4 20.7 31.1



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: 4.324 ng

RT: 19.42 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BE097378.D

Acq: 28 Aug 2018 13:46

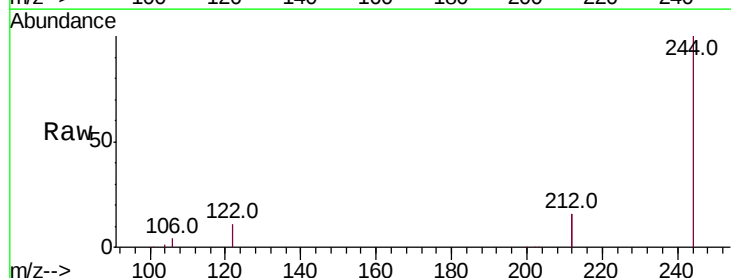
Tgt Ion:244 Resp: 40337

Ion Ratio Lower Upper

244 100

212 31.7 25.4 38.0

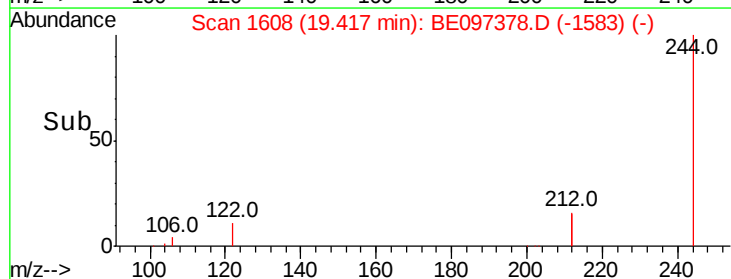
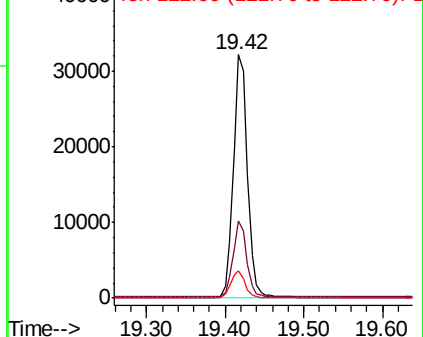
122 11.4 8.1 12.1

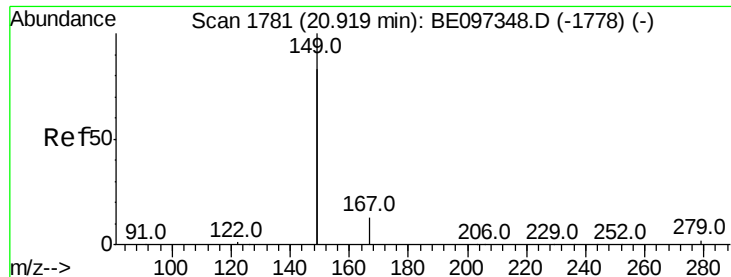


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

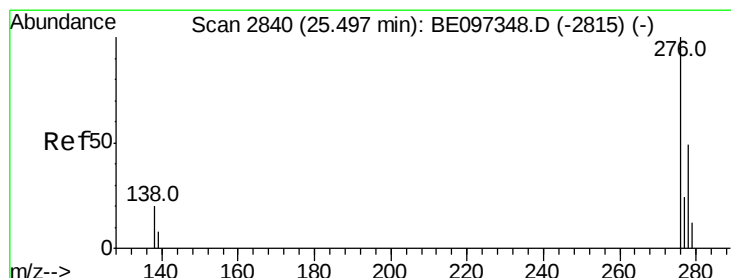
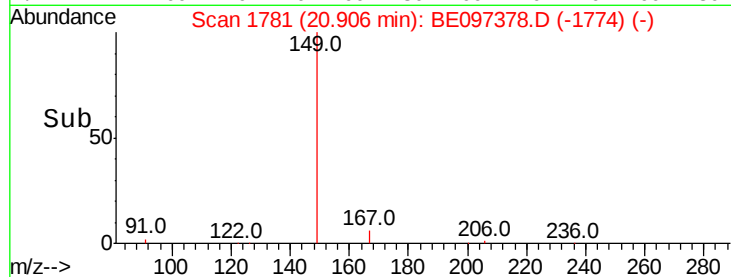
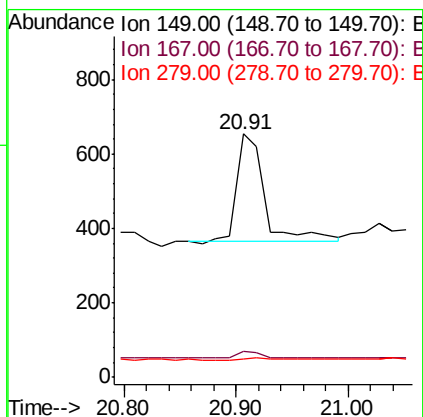
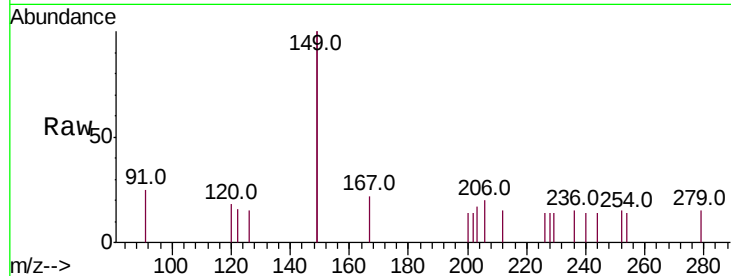




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.116 ng
 RT: 20.91 min Scan# 1781
 Delta R.T. -0.01 min
 Lab File: BE097378.D
 Acq: 28 Aug 2018 13:46

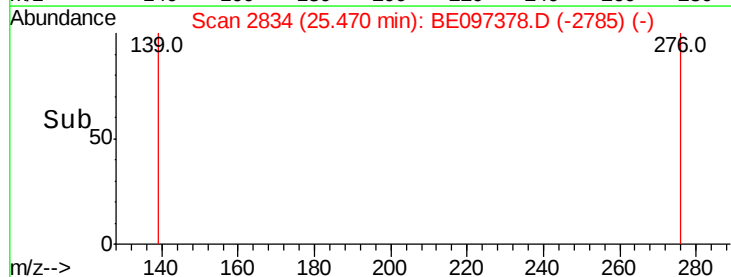
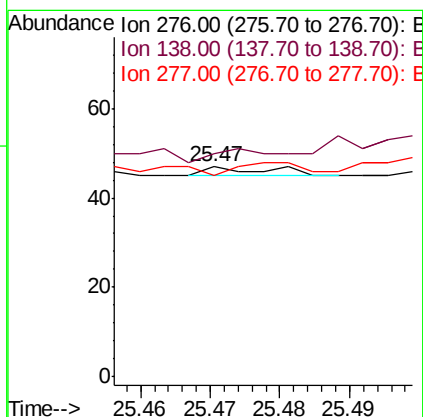
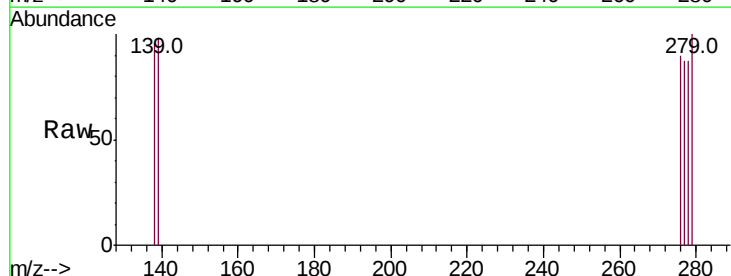
Instrument :
 BNA_E
 ClientSampled :

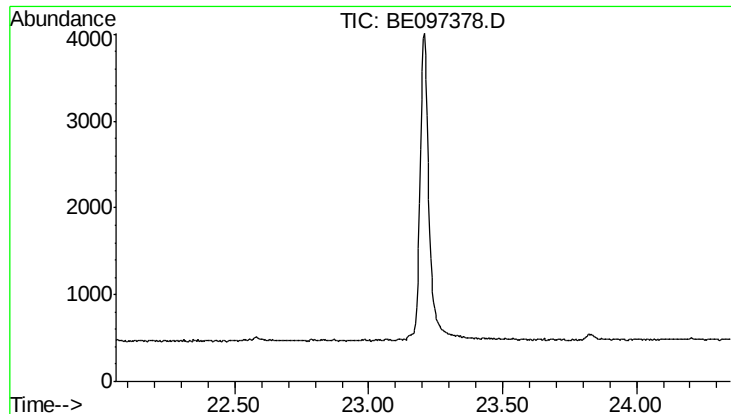
Tot Ion:149 Resp: 495
 Ion Ratio Lower Upper
 149 100
 167 6.1 5.4 8.0
 279 1.4 0.7 1.1#



#33
 Indeno(1,2,3-cd)pyrene
 Concen: Below Cal
 RT: 25.47 min Scan# 2834
 Delta R.T. -0.03 min
 Lab File: BE097378.D
 Acq: 28 Aug 2018 13:46

Tgt Ion:276 Resp: 1
 Ion Ratio Lower Upper
 276 100
 138 100.0 22.5 33.7#
 277 200.0 19.9 29.9#





#34
Pervlene-d12
Concen: 0.000 ng
Expected RT: 23.20 min

Lab File: BE097378.D
Acq: 28 Aug 2018 13:46

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 264
Sig Exp Ratio
264 100
260 25.6
265 28.5

