

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
 Data File : BE097520.D
 Acq On : 18 Sep 2018 6:52
 Operator : SJ/JU
 Sample : J4857-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 18 08:09:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 17 18:57:11 2018
 Response via : Initial Calibration

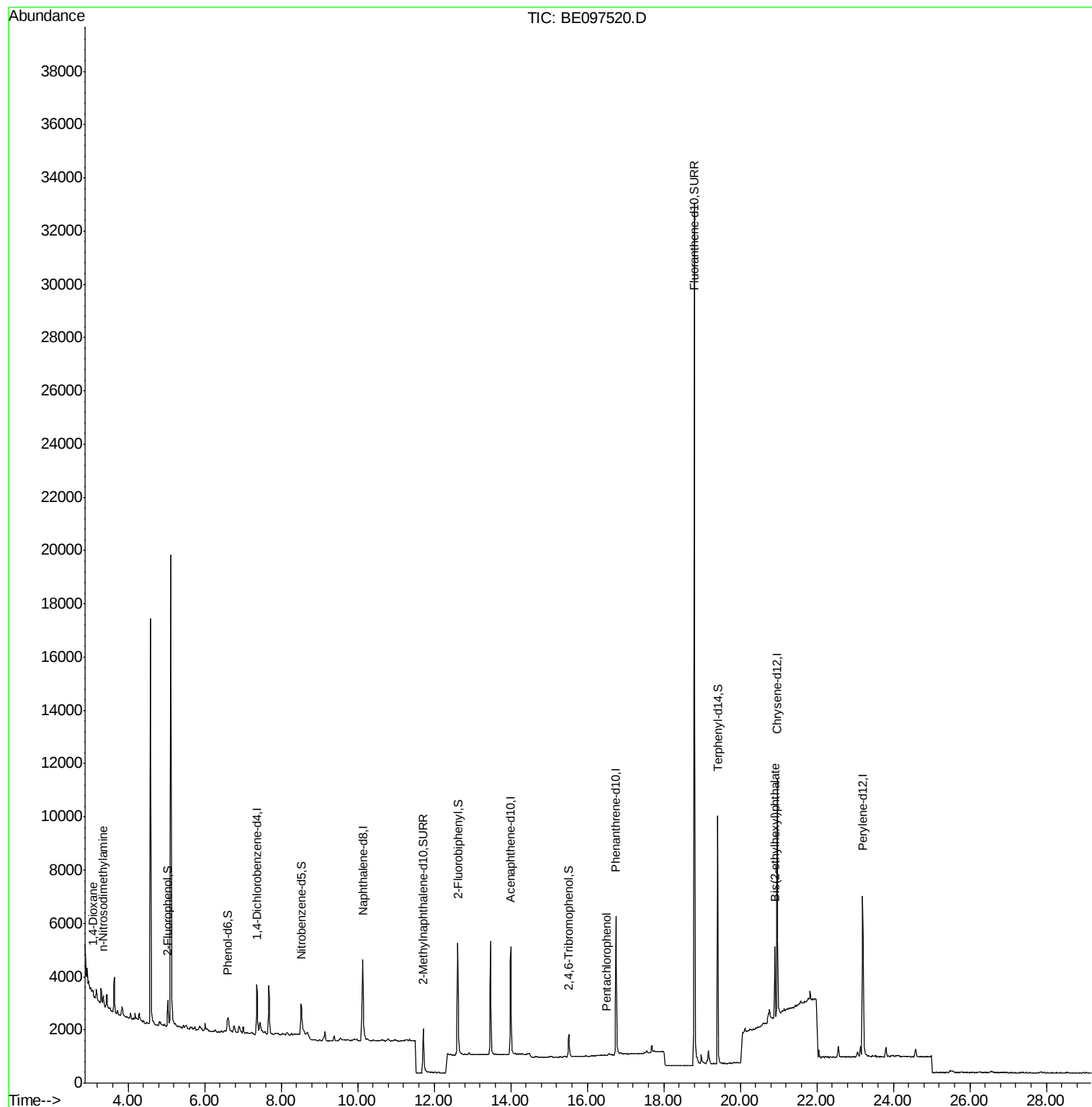
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	952	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4491	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2653	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7584	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	8836	0.40	ng	0.00
34) Perylene-d12	23.21	264	9074	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	658	0.20	ng	0.00
5) Phenol-d6	6.60	99	500	0.12	ng	0.00
8) Nitrobenzene-d5	8.52	82	1596	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	11.71	152	2994	0.47	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	598	0.43	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	4807	0.52	ng	0.00
25) Fluoranthene-d10	18.80	212	45108	0.50	ng	0.00
29) Terphenyl-d14	19.41	244	8089	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.08	88	58	0.035	ng	# 1
3) n-Nitrosodimethylamine	3.35	42	75	0.054	ng	# 1
22) Pentachlorophenol	16.50	266	4	0.047	ng	92
32) Bis(2-ethylhexyl)phthalate	20.91	149	3311	0.067	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: 7.37 min Scan# 391

Delta R.T. -0.01 min

Lab File: BE097520.D

Acq: 18 Sep 2018 6:52

Instrument :

BNA_E

ClientSampleId :

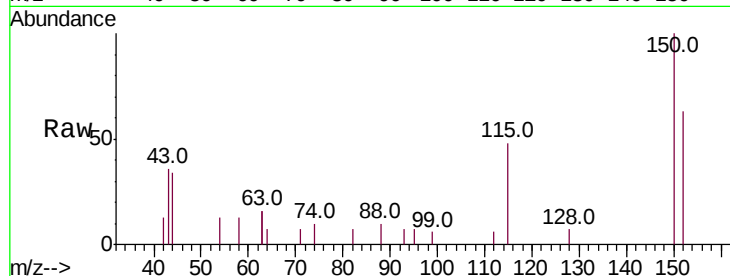
Tot Ion:152 Resp: 952

Ion Ratio Lower Upper

152 100

150 158.5 117.2 175.8

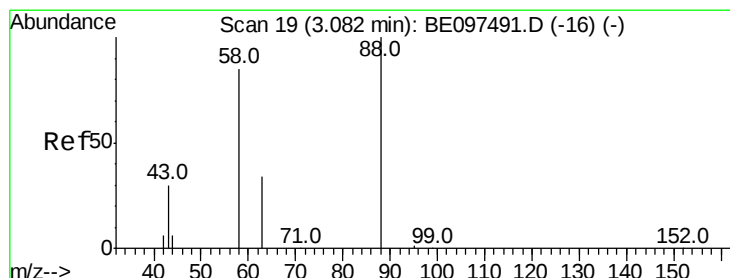
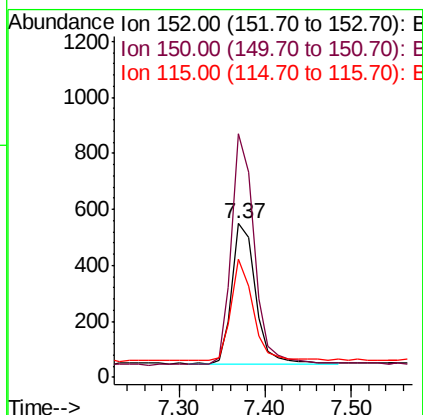
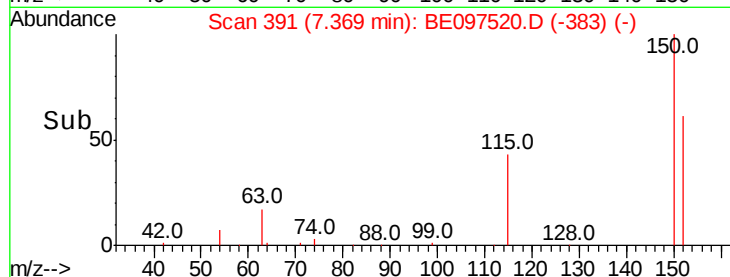
115 76.7 57.0 85.6



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: 0.035 ng

RT: 3.08 min Scan# 19

Delta R.T. 0.00 min

Lab File: BE097520.D

Acq: 18 Sep 2018 6:52

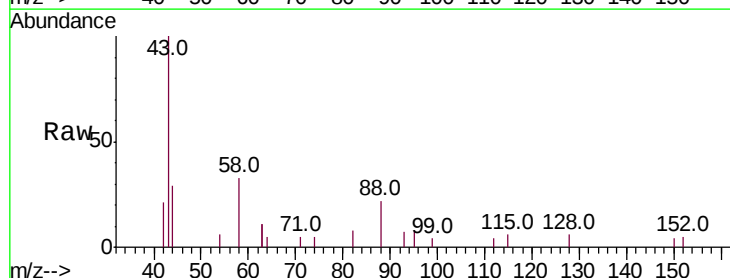
Tgt Ion: 88 Resp: 58

Ion Ratio Lower Upper

88 100

58 181.0 63.2 94.8#

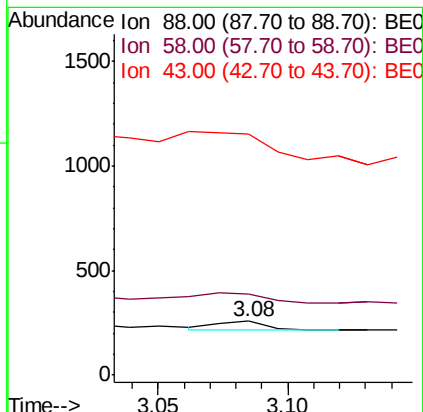
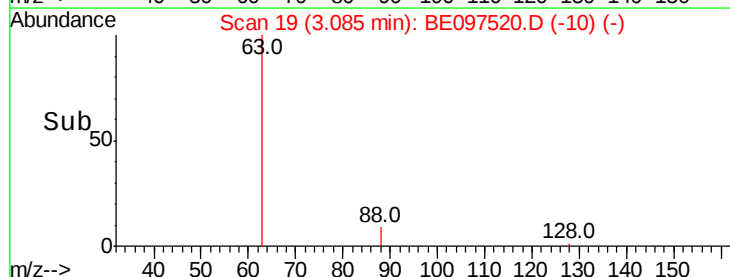
43 0.0 41.2 61.8#

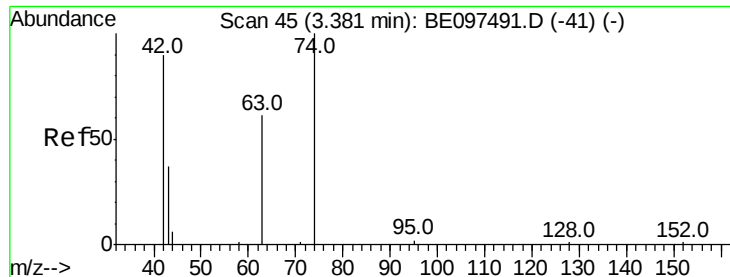


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.054 ng

RT: 3.35 min Scan# 42

Delta R.T. -0.03 min

Lab File: BE097520.D

Acq: 18 Sep 2018 6:52

Instrument :

BNA_E

ClientSampleId :

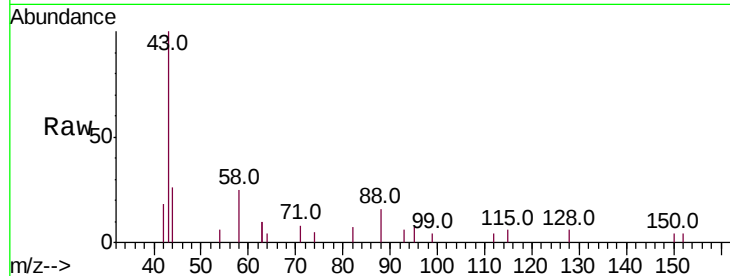
Tot Ion: 42 Resp: 75

Ion Ratio Lower Upper

42 100

74 0.0 96.0 144.0#

44 0.0 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

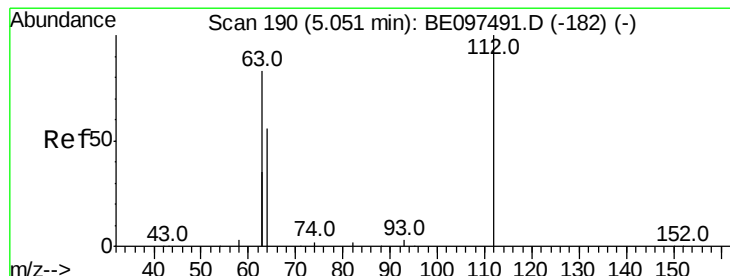
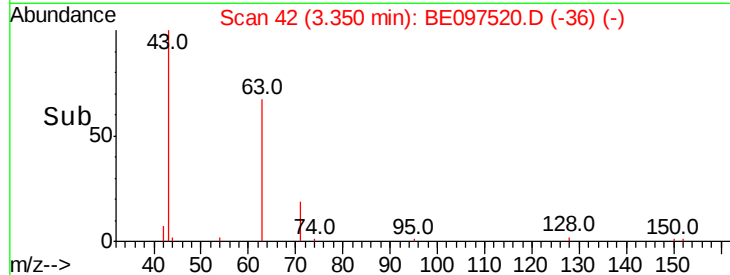
Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

3.35

3.30 3.35 3.40

Time-->



#4

2-Fluorophenol

Concen: 0.204 ng

RT: 5.04 min Scan# 189

Delta R.T. -0.01 min

Lab File: BE097520.D

Acq: 18 Sep 2018 6:52

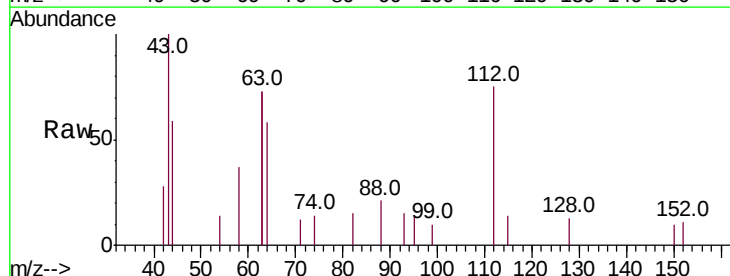
Tgt Ion: 112 Resp: 658

Ion Ratio Lower Upper

112 100

64 59.3 60.1 90.1#

63 138.9 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

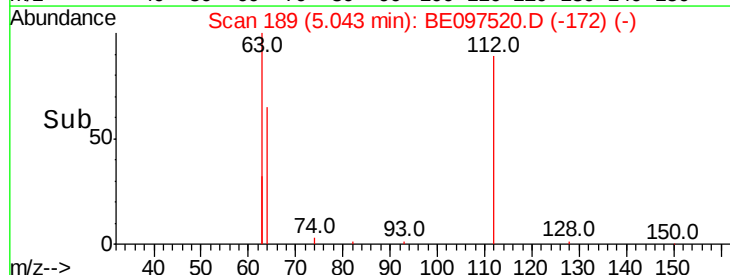
Ion 64.00 (63.70 to 64.70): BE0

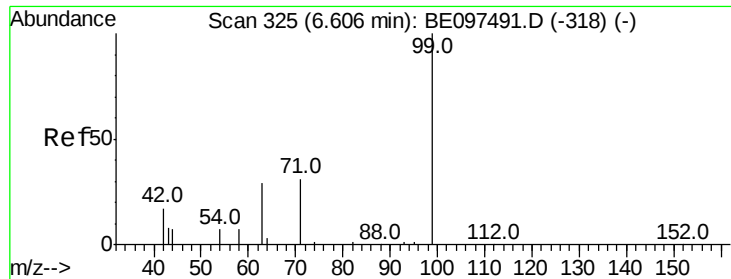
Ion 63.00 (62.70 to 63.70): BE0

5.04

4.90 5.00 5.10 5.20

Time-->





#5

Phenol-d6

Concen: 0.122 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.01 min

Lab File: BE097520.D

Acq: 18 Sep 2018 6:52

Instrument :

BNA_E

ClientSampleId :

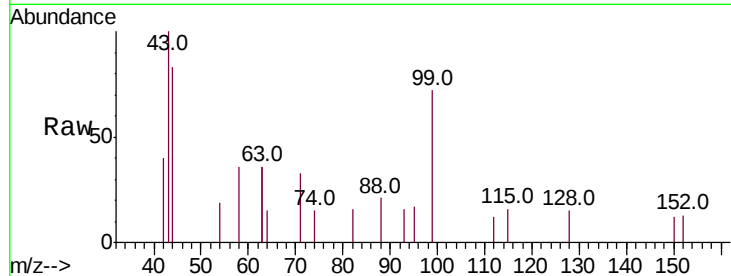
Tot Ion: 99 Resp: 500

Ion Ratio Lower Upper

99 100

42 20.6 20.2 30.2

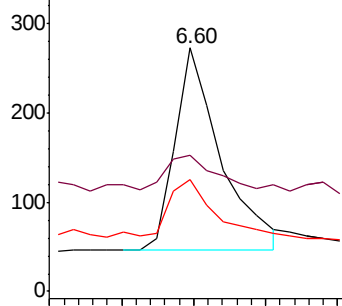
71 28.4 28.4 42.6



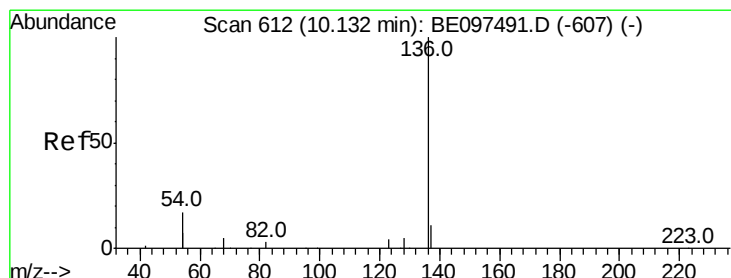
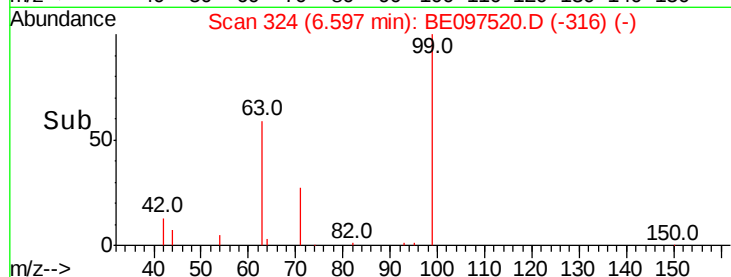
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.50 6.55 6.60 6.65



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097520.D

Acq: 18 Sep 2018 6:52

Tgt Ion: 136 Resp: 4491

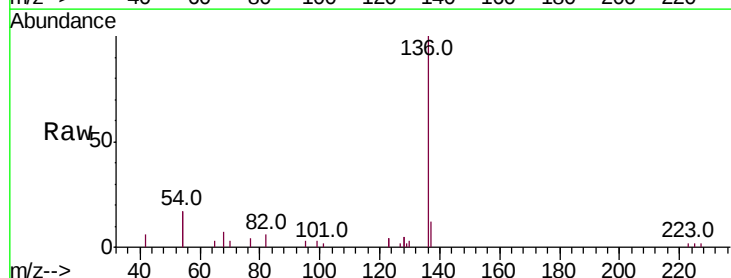
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 34.0 29.1 43.7

68 7.2 6.2 9.2

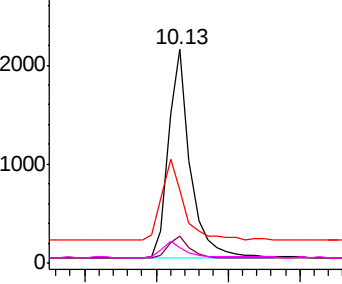


Abundance Ion 136.00 (135.70 to 136.70): E

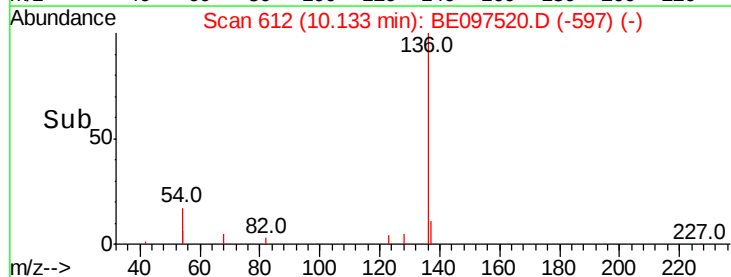
Ion 137.00 (136.70 to 137.70): E

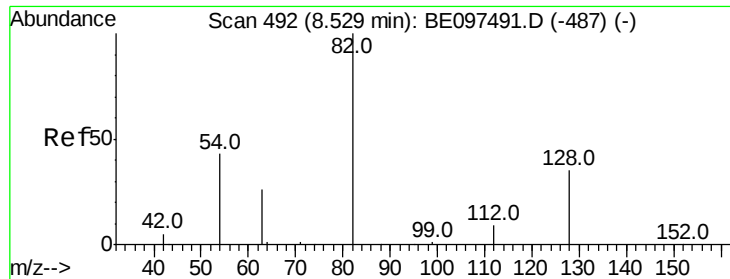
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 10.00 10.10 10.20 10.30





#8

Nitrobenzene-d5

Concen: 0.442 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.01 min

Lab File: BE097520.D

Acq: 18 Sep 2018 6:52

Instrument :

BNA_E

ClientSampleId :

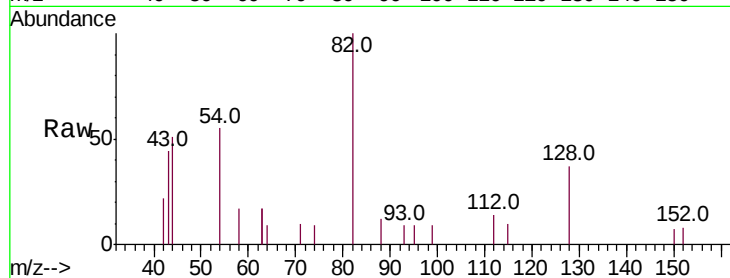
Tot Ion: 82 Resp: 1596

Ion Ratio Lower Upper

82 100

128 37.1 24.0 36.0#

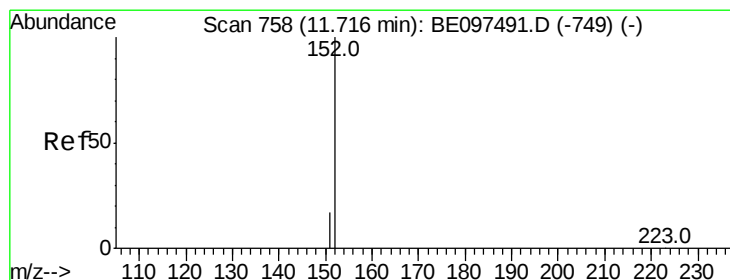
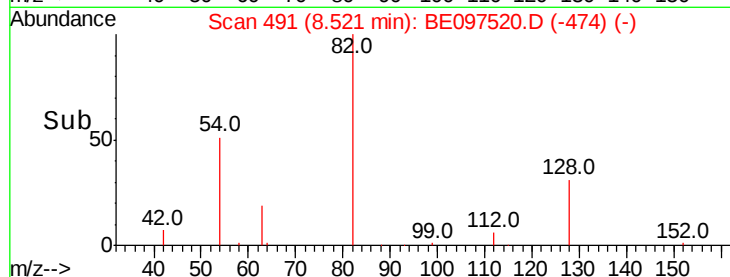
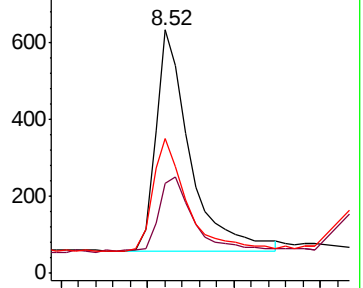
54 55.2 40.0 60.0



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



#11

2-Methylnaphthalene-d10

Concen: 0.467 ng

RT: 11.71 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE097520.D

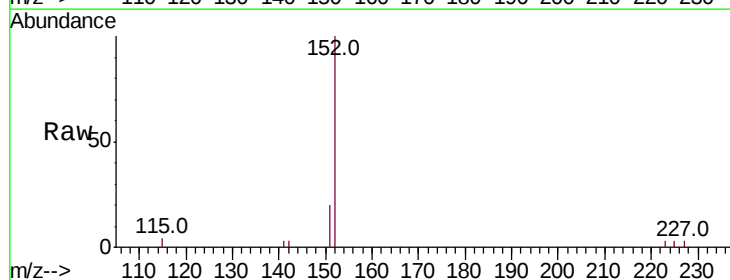
Acq: 18 Sep 2018 6:52

Tgt Ion: 152 Resp: 2994

Ion Ratio Lower Upper

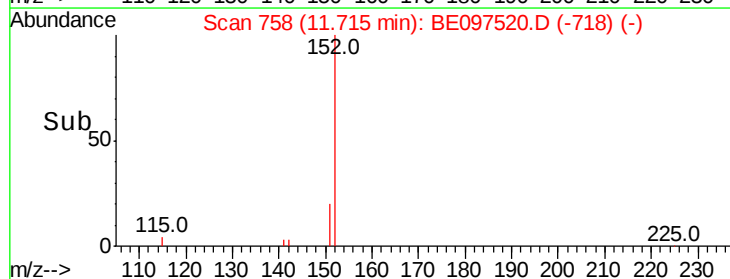
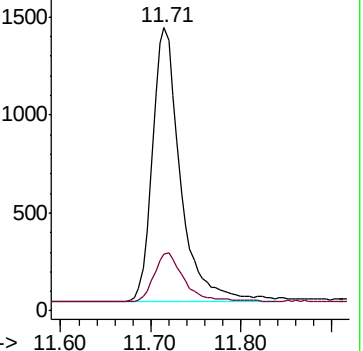
152 100

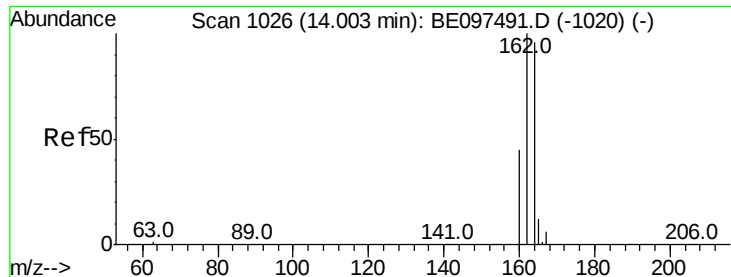
151 19.4 15.4 23.0



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: 14.00 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE097520.D

Acq: 18 Sep 2018 6:52

Instrument :

BNA_E

ClientSampleId :

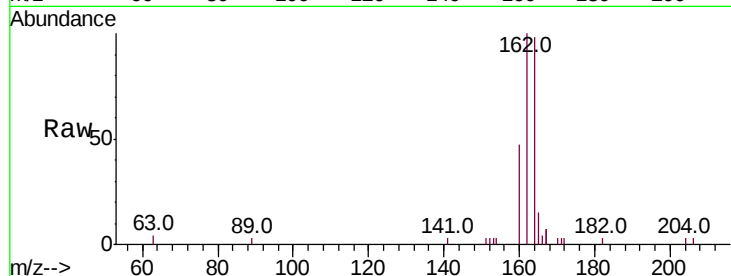
Tot Ion:164 Resp: 2653

Ion Ratio Lower Upper

164 100

162 102.0 83.1 124.7

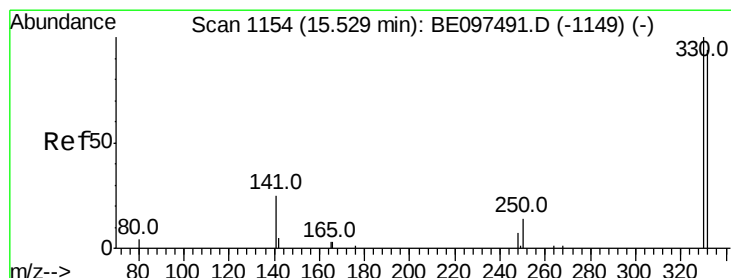
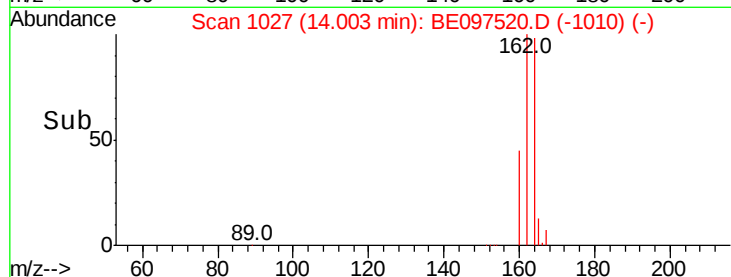
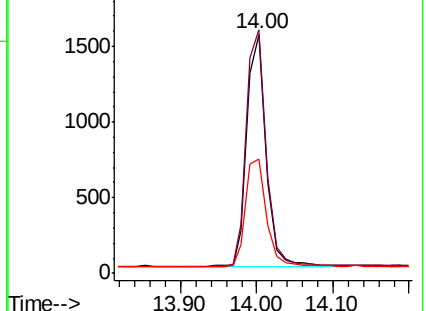
160 47.8 37.1 55.7



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: 0.427 ng

RT: 15.52 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BE097520.D

Acq: 18 Sep 2018 6:52

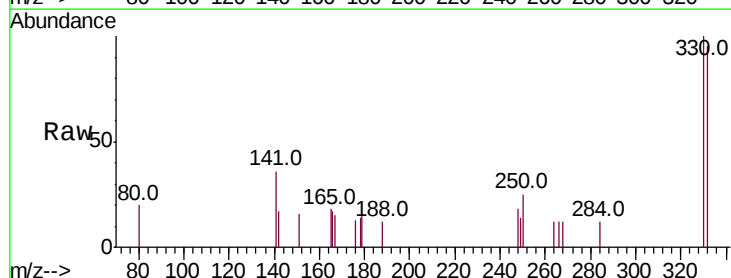
Tgt Ion:330 Resp: 598

Ion Ratio Lower Upper

330 100

332 95.0 152.7 229.1#

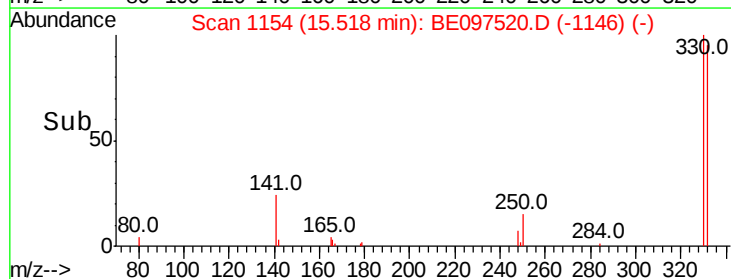
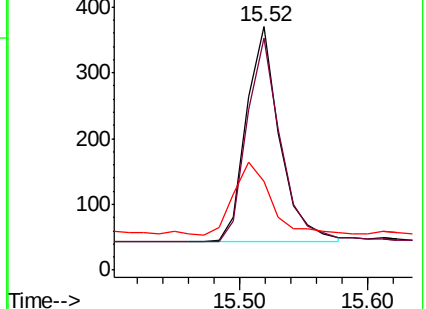
141 37.1 33.7 50.5

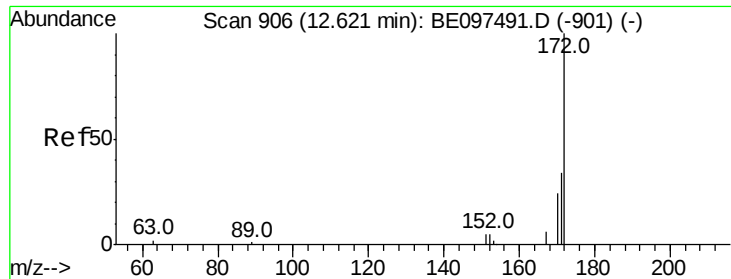


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

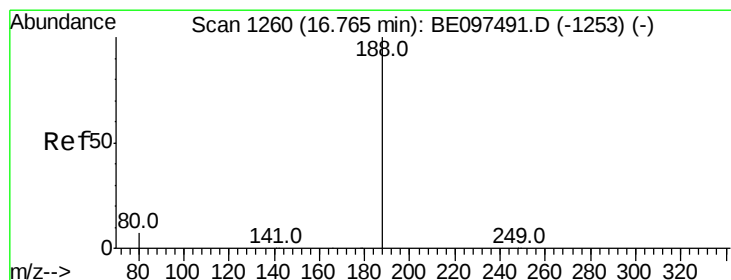
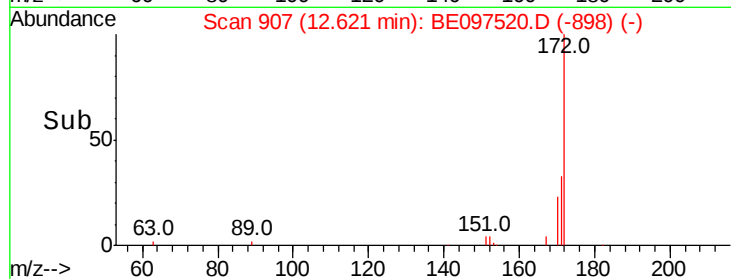
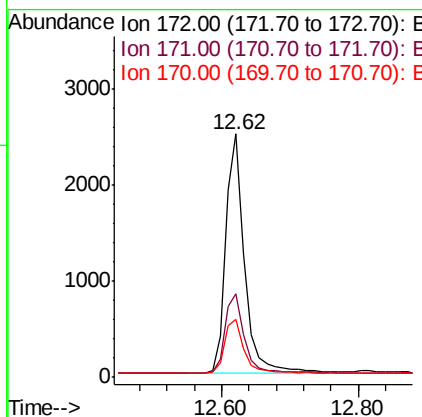
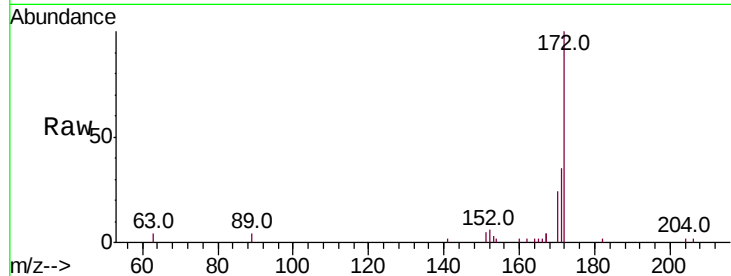




#15
2-Fluorobiphenyl
Concen: 0.519 ng
RT: 12.62 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097520.D
Acq: 18 Sep 2018 6:52

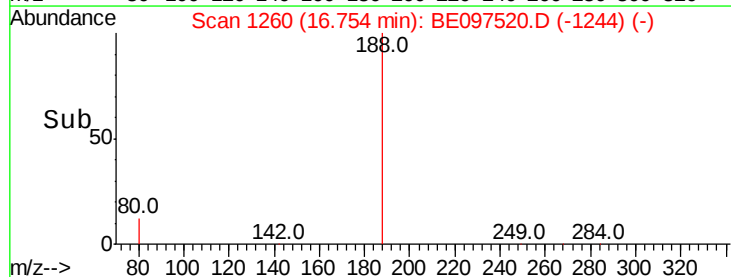
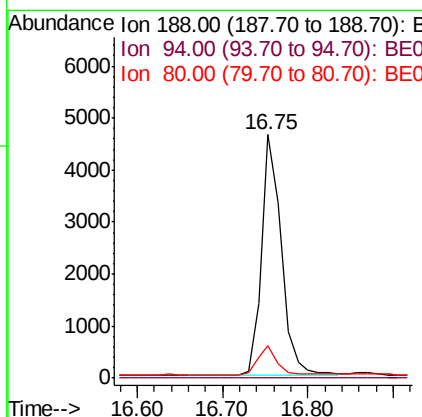
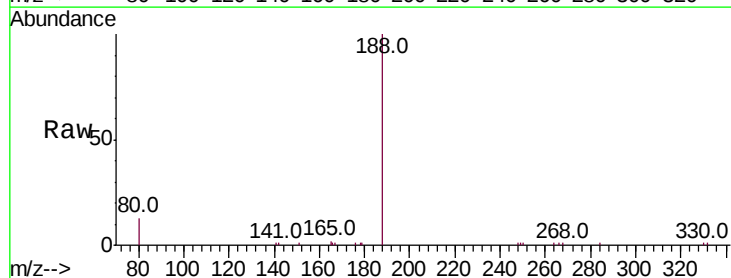
Instrument :
BNA_E
ClientSampleId :

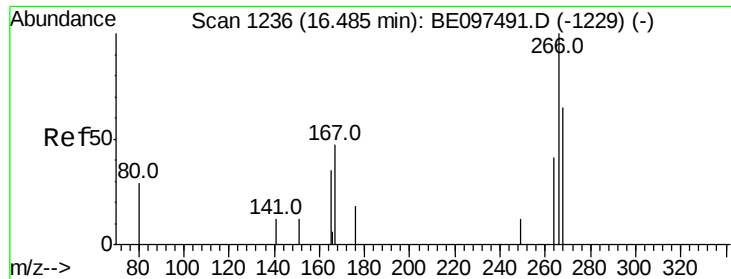
Tot Ion:172 Resp: 4807
Ion Ratio Lower Upper
172 100
171 34.6 29.9 44.9
170 24.0 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BE097520.D
Acq: 18 Sep 2018 6:52

Tgt Ion:188 Resp: 7584
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 13.1 3.6 5.4#

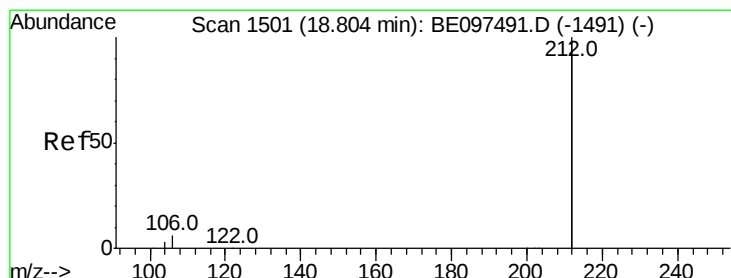
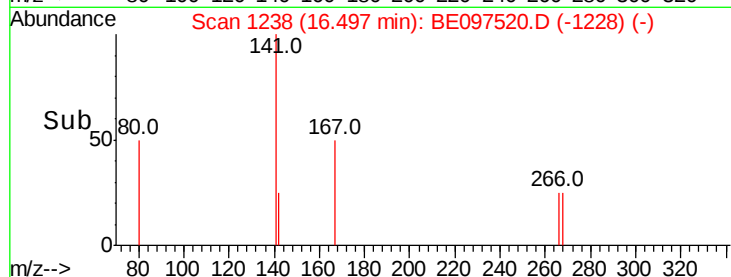
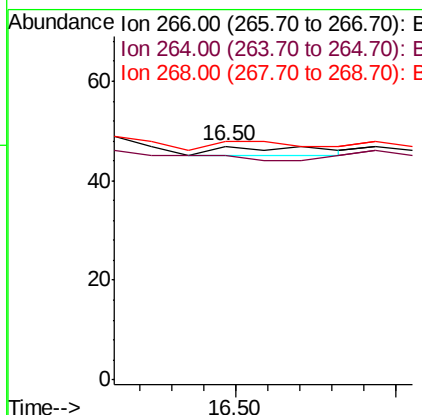
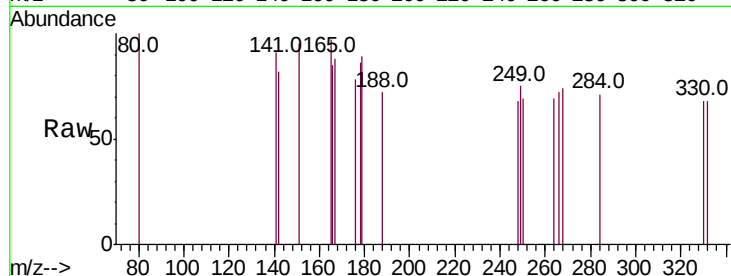




#22
 Pentachlorophenol
 Concen: 0.047 ng
 RT: 16.50 min Scan# 1238
 Delta R.T. 0.01 min
 Lab File: BE097520.D
 Acq: 18 Sep 2018 6:52

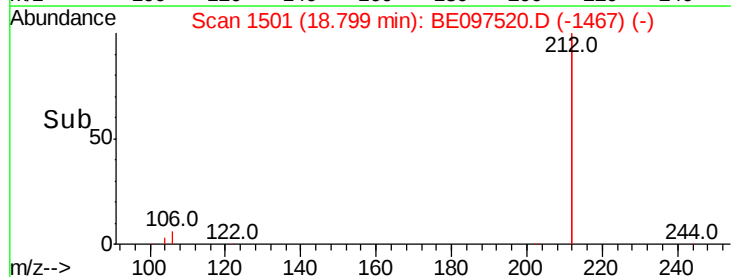
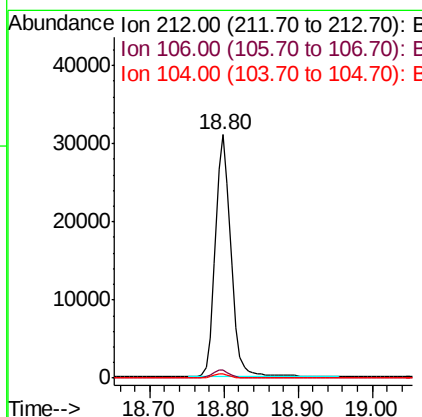
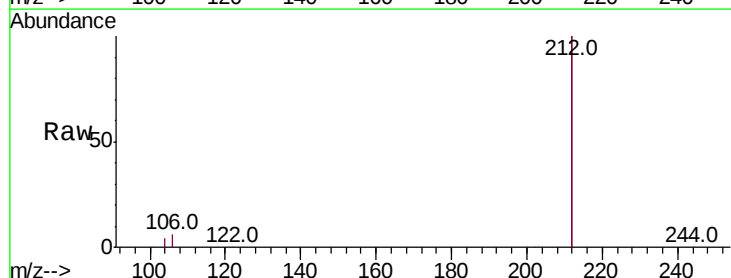
Instrument :
 BNA_E
 ClientSampleId :

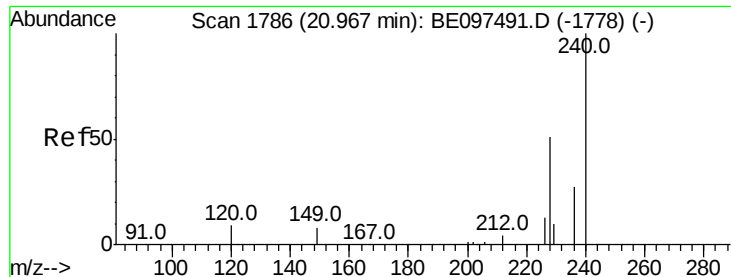
Tot Ion:266 Resp: 4
 Ion Ratio Lower Upper
 266 100
 264 95.7 72.5 108.7
 268 102.1 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.495 ng
 RT: 18.80 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BE097520.D
 Acq: 18 Sep 2018 6:52

Tgt Ion:212 Resp: 45108
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.8 4.2
 104 1.8 1.6 2.4

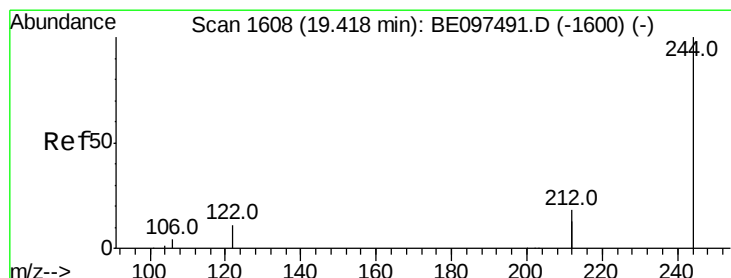
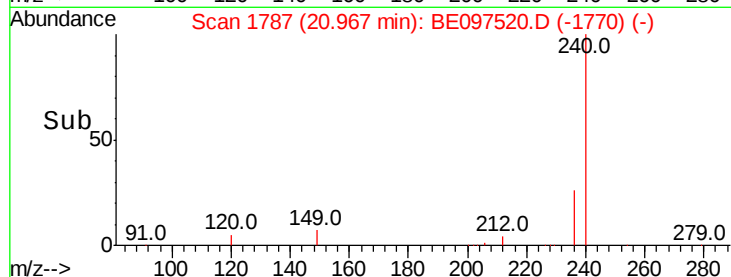
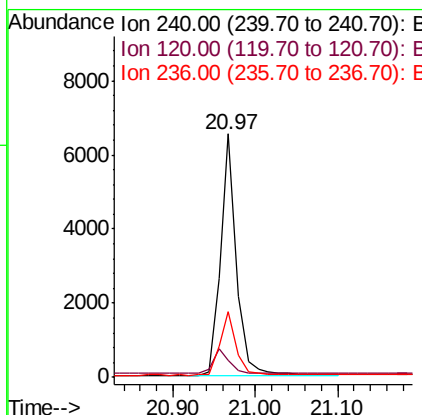
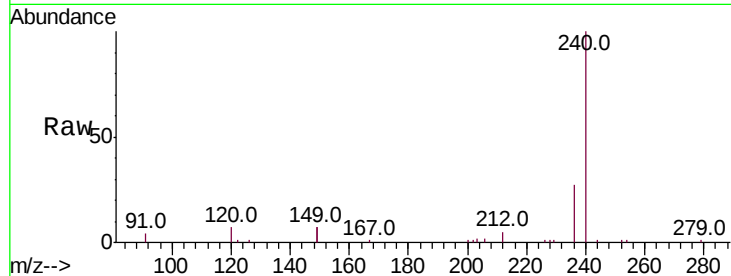




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BE097520.D
 Acq: 18 Sep 2018 6:52

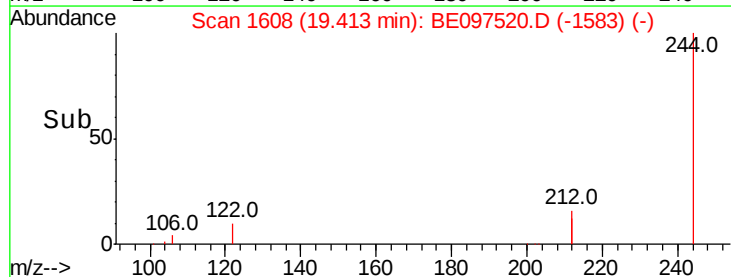
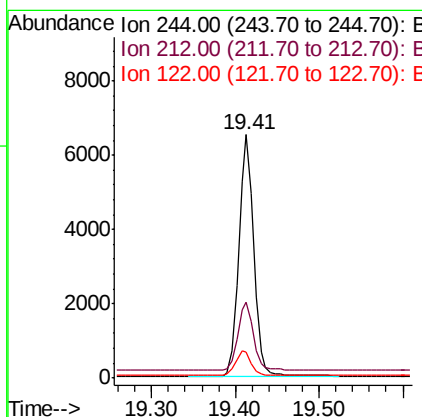
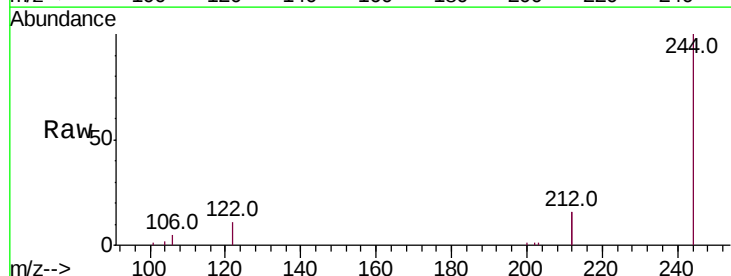
Instrument :
 BNA_E
 ClientSampleId :

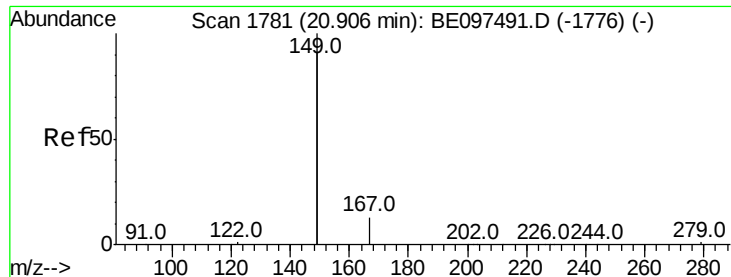
Tot Ion:240 Resp: 8836
 Ion Ratio Lower Upper
 240 100
 120 6.8 5.5 8.3
 236 27.0 20.7 31.1



#29
 Terphenyl-d14
 Concen: 0.479 ng
 RT: 19.41 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BE097520.D
 Acq: 18 Sep 2018 6:52

Tgt Ion:244 Resp: 8089
 Ion Ratio Lower Upper
 244 100
 212 31.4 25.4 38.0
 122 10.8 8.1 12.1





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.067 ng

RT: 20.91 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE097520.D

Acq: 18 Sep 2018 6:52

Instrument :

BNA_E

ClientSampleId :

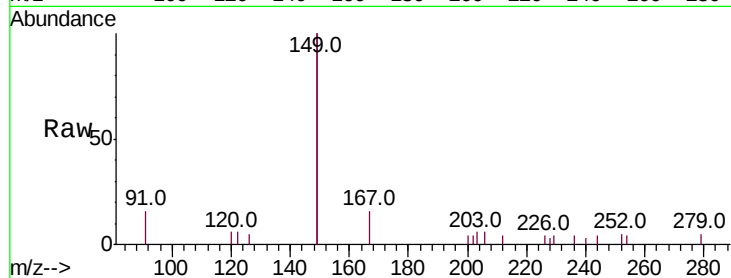
Tot Ion:149 Resp: 3311

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

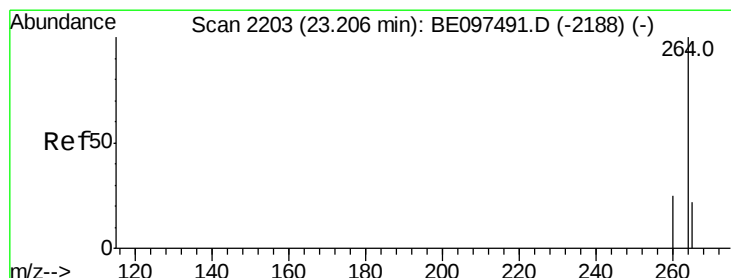
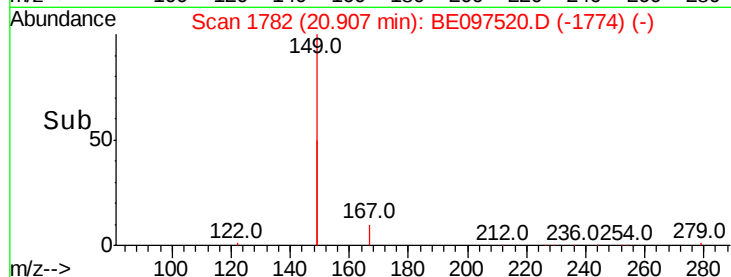
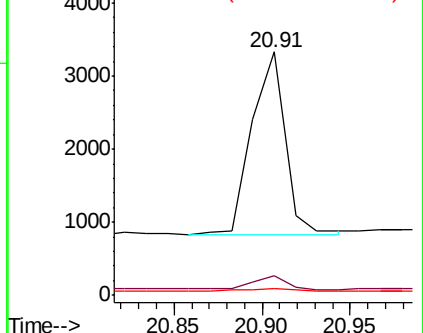
279 1.9 0.7 1.1#



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

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BE097520.D

Acq: 18 Sep 2018 6:52

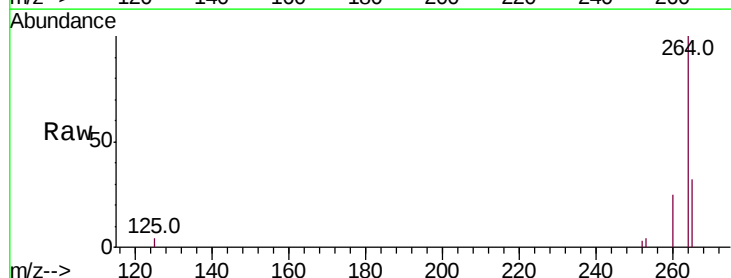
Tgt Ion:264 Resp: 9074

Ion Ratio Lower Upper

264 100

260 24.9 20.5 30.7

265 31.5 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

