

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE081618\
 Data File : BE097287.D
 Acq On : 16 Aug 2018 11:57
 Operator : SJ/JU
 Sample : J4379-22DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-101SDL

Quant Time: Aug 16 15:04:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 14:23:39 2018
 Response via : Initial Calibration

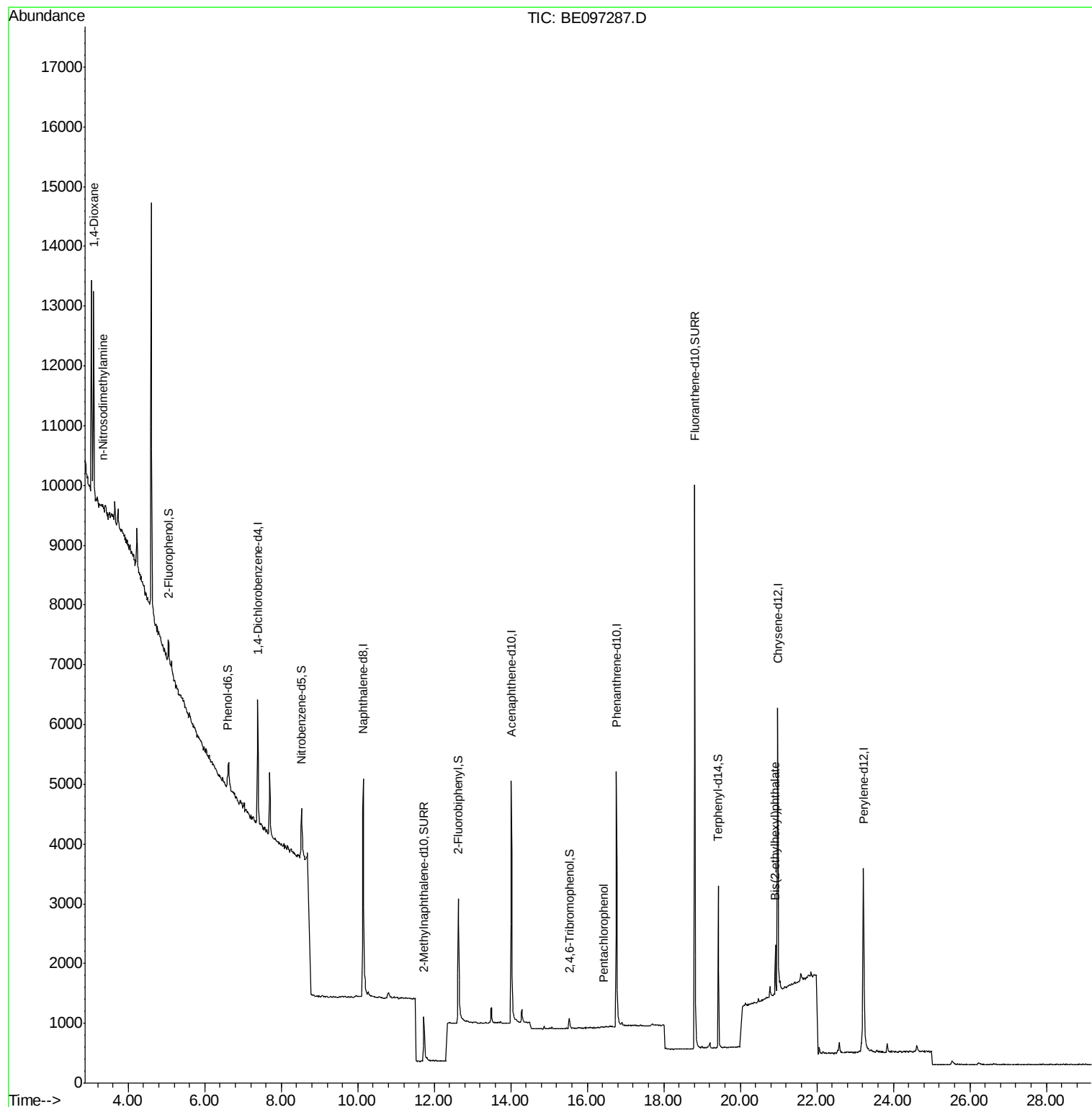
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	945	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	4726	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	2515	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	6098	0.40	ng	0.00
27) Chrysene-d12	20.98	240	5312	0.40	ng	0.00
34) Perylene-d12	23.21	264	5148	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	272	0.09	ng	0.00
5) Phenol-d6	6.61	99	234	0.05	ng	0.00
8) Nitrobenzene-d5	8.53	82	896	0.21	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	1373	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	130	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	2631	0.28	ng	0.00
25) Fluoranthene-d10	18.81	212	13048	0.21	ng	0.00
29) Terphenyl-d14	19.42	244	2359	0.24	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.09	88	2012	1.895	ng	Qvalue # 85
3) n-Nitrosodimethylamine	3.34	42	31	0.025	ng	# 1
22) Pentachlorophenol	16.44	266	12	0.023	ng	98
32) Bis(2-ethylhexyl)phthalate	20.92	149	955	0.055	ng	# 100

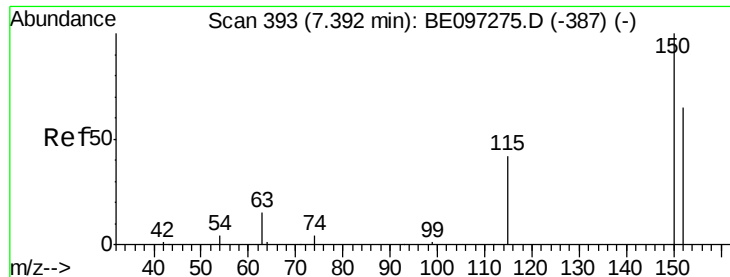
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



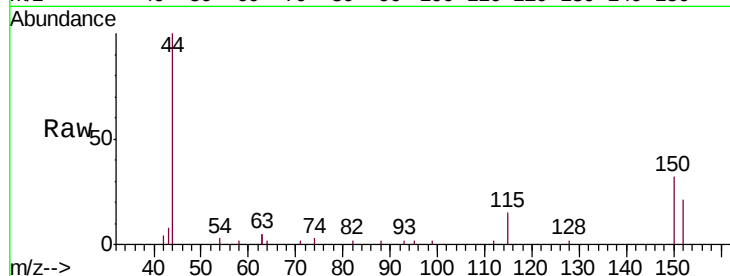


#1

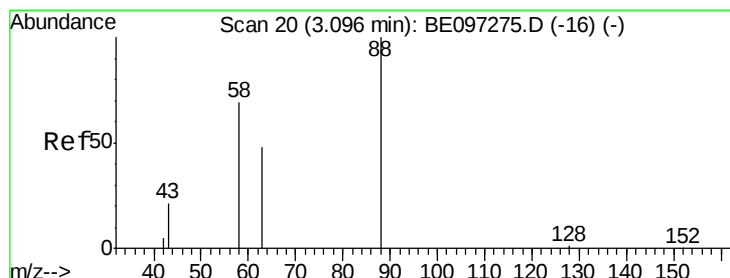
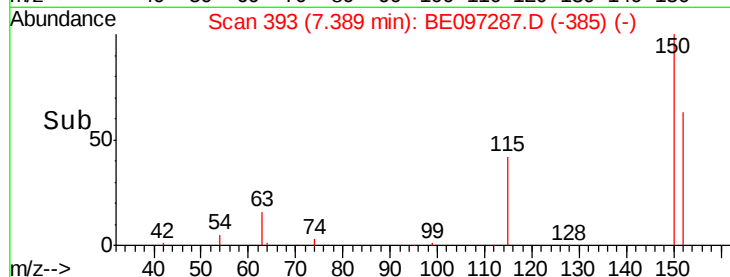
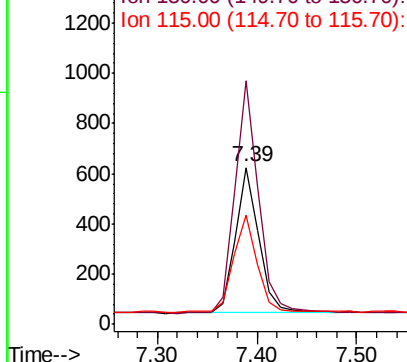
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097287.D
Acq: 16 Aug 2018 11:57

Instrument :
BNA_E
ClientSampleId :
MW-101SDL

Tgt Ion:152 Resp: 945
Ion Ratio Lower Upper
152 100
150 155.4 117.2 175.8
115 70.0 57.0 85.6



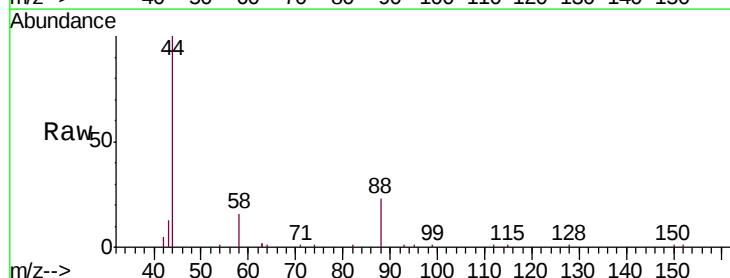
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



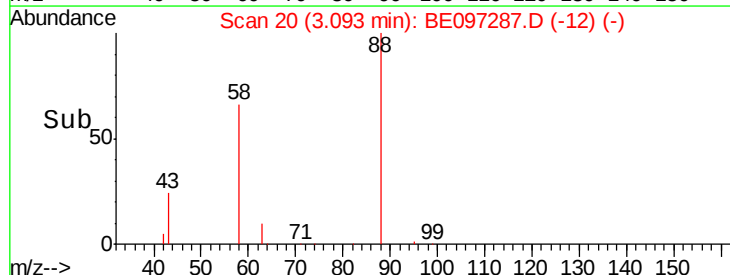
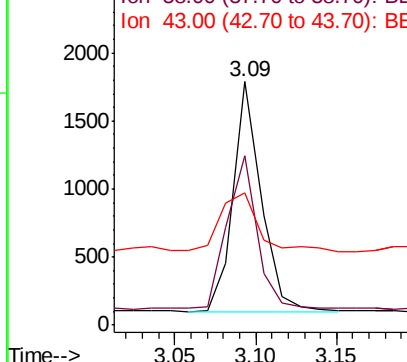
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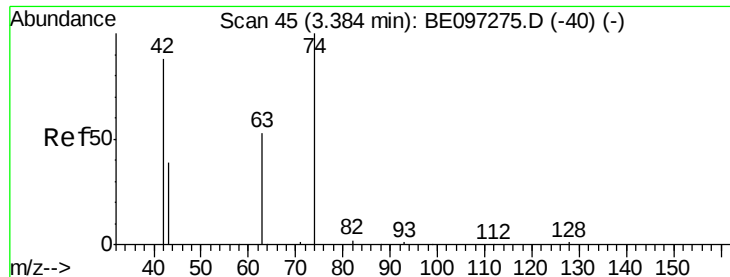
1,4-Dioxane
Concen: 1.895 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097287.D
Acq: 16 Aug 2018 11:57

Tgt Ion: 88 Resp: 2012
Ion Ratio Lower Upper
88 100
58 71.5 63.2 94.8
43 34.4 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: 0.025 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.05 min

Lab File: BE097287.D

Acq: 16 Aug 2018 11:57

Instrument :

BNA_E

ClientSampleId :

MW-101SDL

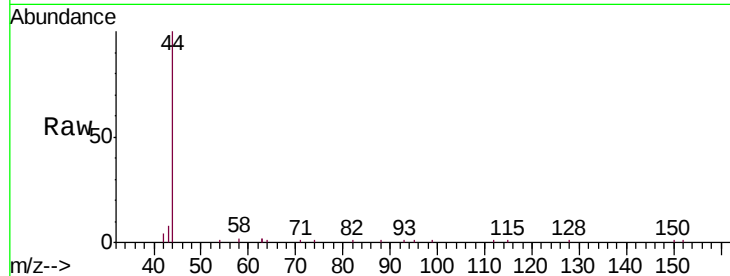
Tgt Ion: 42 Resp: 31

Ion Ratio Lower Upper

42 100

74 0.0 96.0 144.0#

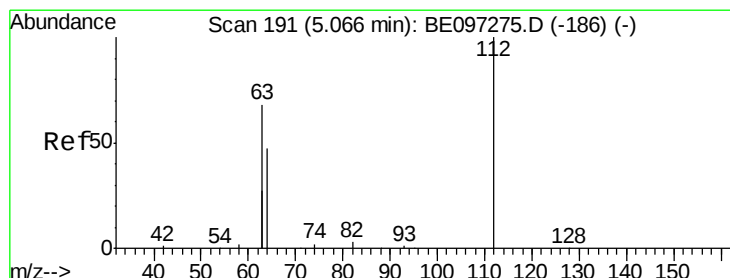
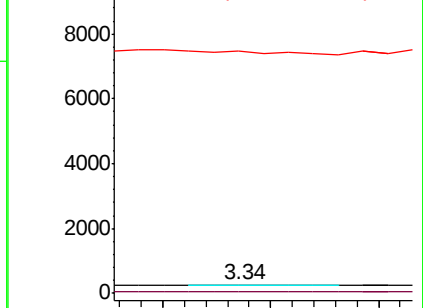
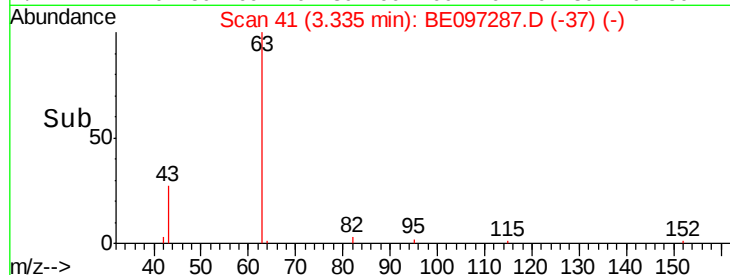
44 0.0 12.0 18.0#



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



#4

2-Fluorophenol

Concen: 0.088 ng

RT: 5.06 min Scan# 191

Delta R.T. -0.00 min

Lab File: BE097287.D

Acq: 16 Aug 2018 11:57

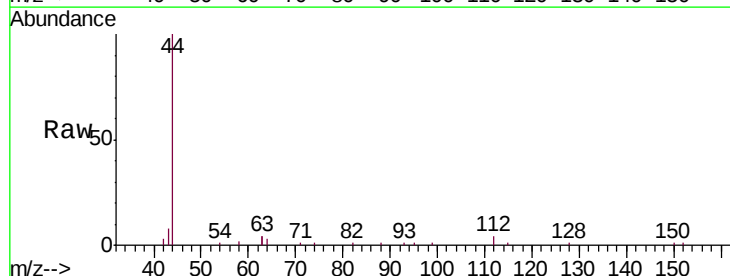
Tgt Ion: 112 Resp: 272

Ion Ratio Lower Upper

112 100

64 75.4 60.1 90.1

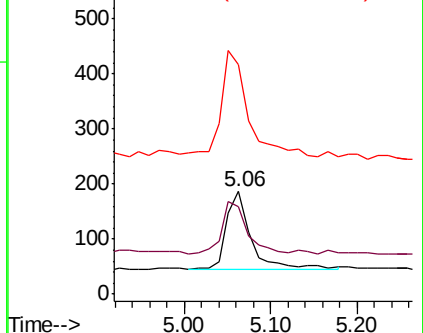
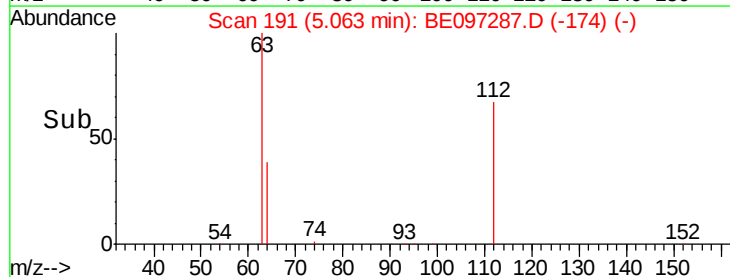
63 158.1 116.8 175.2

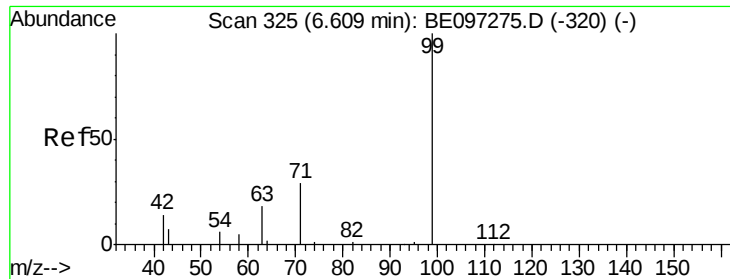


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.053 ng

RT: 6.61 min Scan# 325

Delta R.T. -0.00 min

Lab File: BE097287.D

Acq: 16 Aug 2018 11:57

Instrument :

BNA_E

ClientSampleId :

MW-101SDL

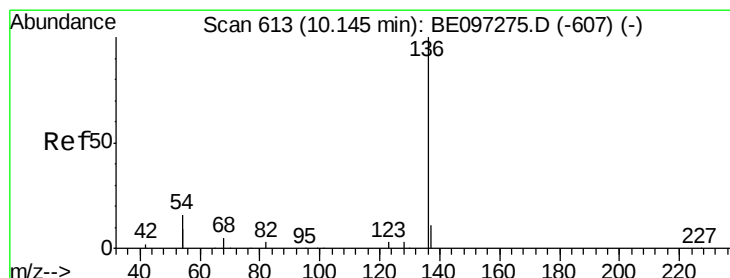
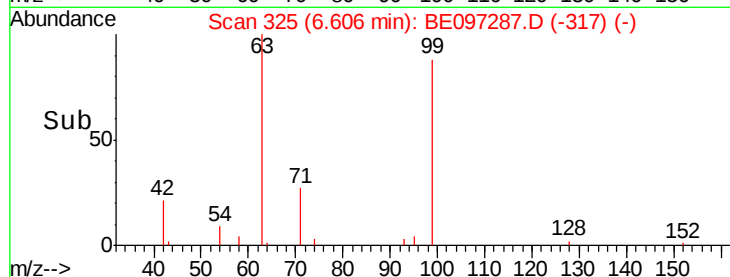
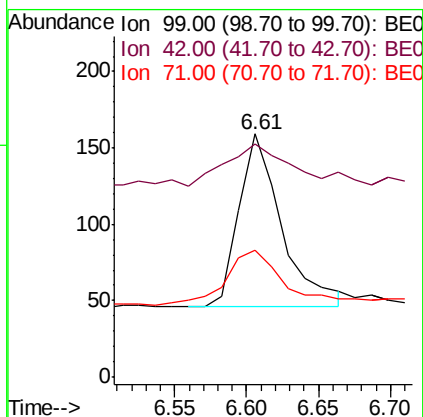
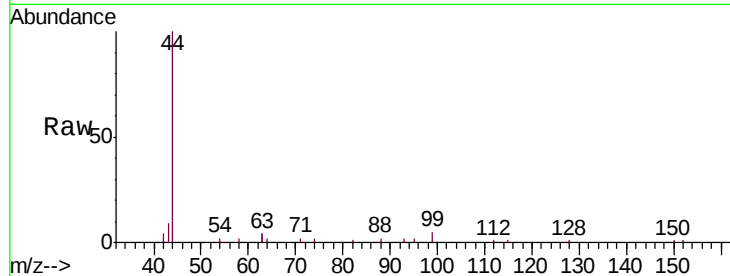
Tgt Ion: 99 Resp: 234

Ion Ratio Lower Upper

99 100

42 29.9 20.2 30.2

71 42.7 28.4 42.6#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097287.D

Acq: 16 Aug 2018 11:57

Tgt Ion: 136 Resp: 4726

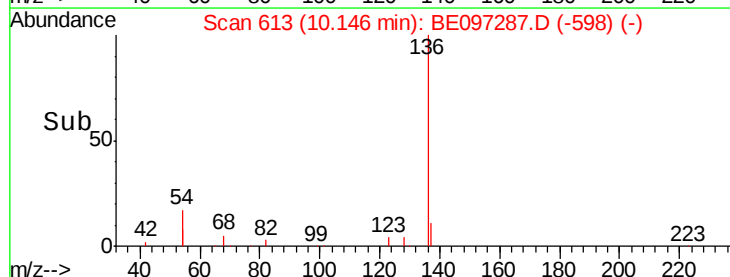
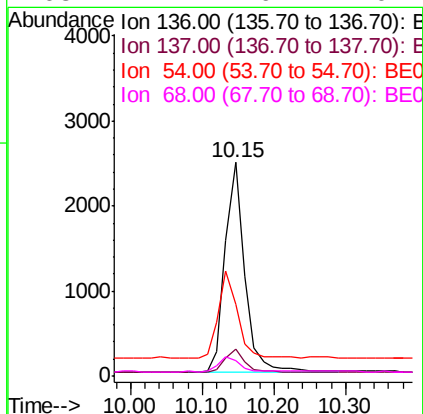
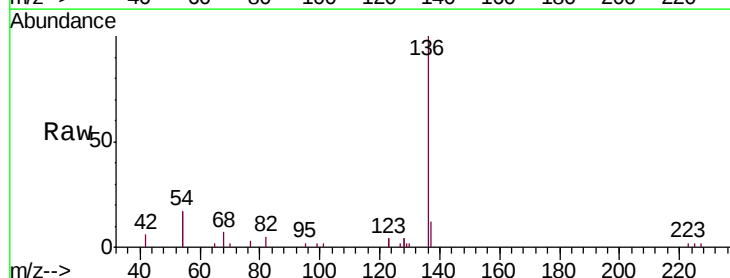
Ion Ratio Lower Upper

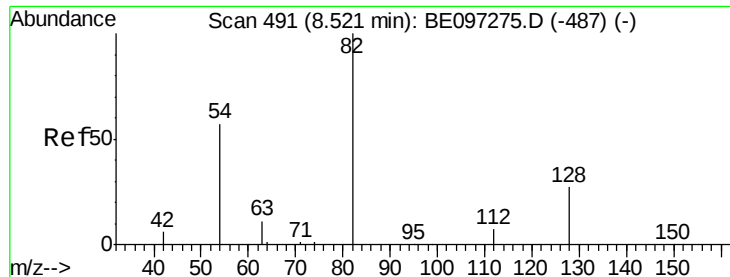
136 100

137 12.4 9.5 14.3

54 33.5 29.1 43.7

68 7.1 6.2 9.2





#8

Nitrobenzene-d5

Concen: 0.207 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097287.D

Acq: 16 Aug 2018 11:57

Instrument :

BNA_E

ClientSampleId :

MW-101SDL

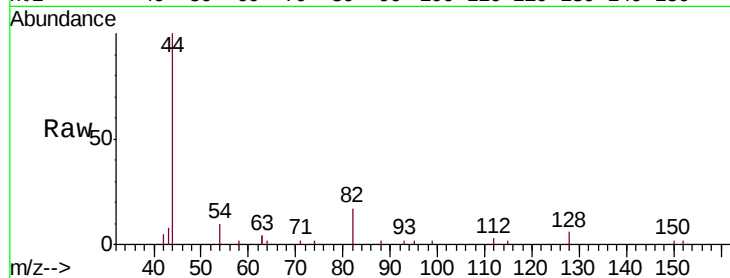
Tgt Ion: 82 Resp: 896

Ion Ratio Lower Upper

82 100

128 36.5 24.0 36.0#

54 56.0 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

8.53

400

300

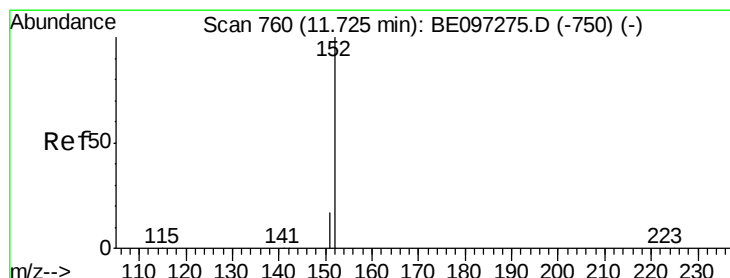
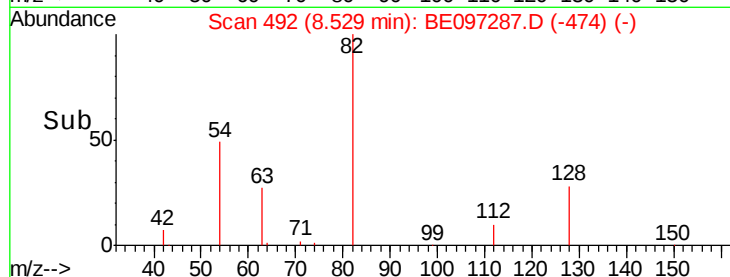
200

100

0

8.40 8.50 8.60 8.70

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.200 ng

RT: 11.73 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE097287.D

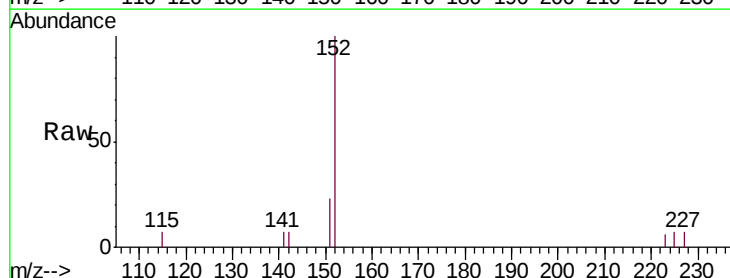
Acq: 16 Aug 2018 11:57

Tgt Ion: 152 Resp: 1373

Ion Ratio Lower Upper

152 100

151 18.8 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

800

600

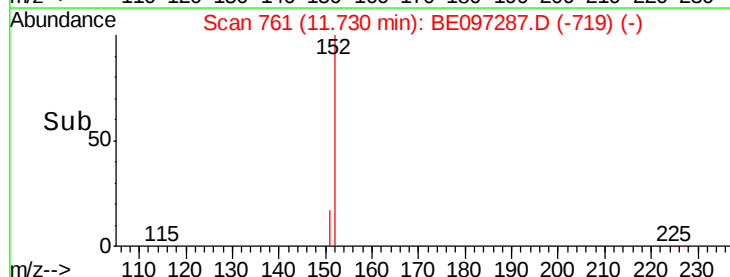
400

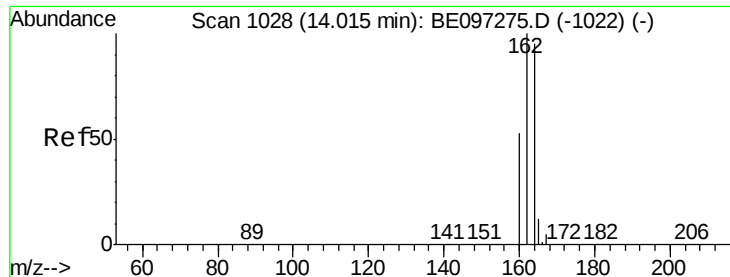
200

0

11.70 11.80

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE097287.D

Acq: 16 Aug 2018 11:57

Instrument :

BNA_E

ClientSampleId :

MW-101SDL

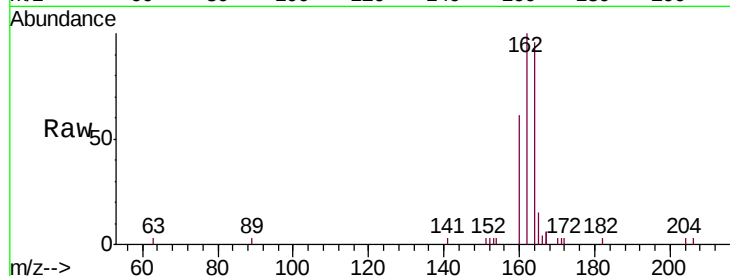
Tgt Ion:164 Resp: 2515

Ion Ratio Lower Upper

164 100

162 104.3 83.1 124.7

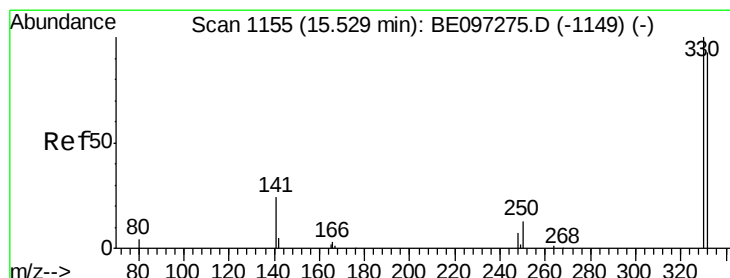
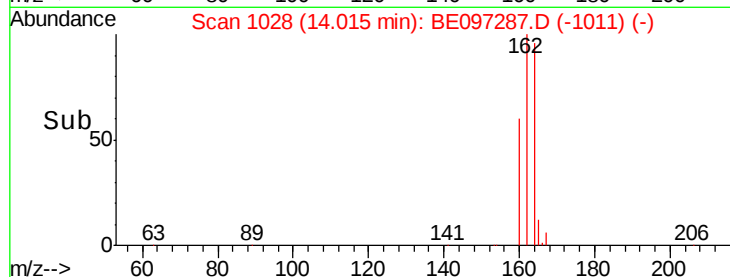
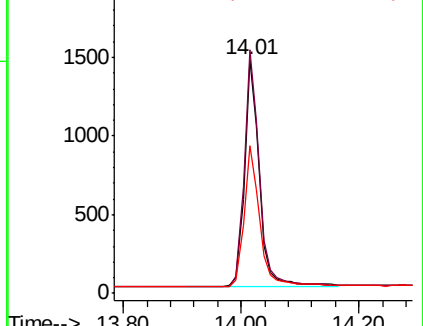
160 63.5 37.1 55.7#



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: 0.258 ng

RT: 15.53 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE097287.D

Acq: 16 Aug 2018 11:57

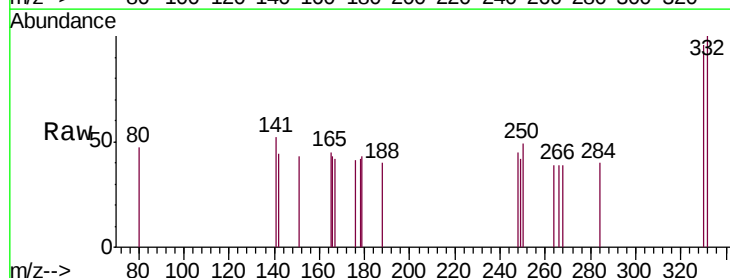
Tgt Ion:330 Resp: 130

Ion Ratio Lower Upper

330 100

332 103.8 152.7 229.1#

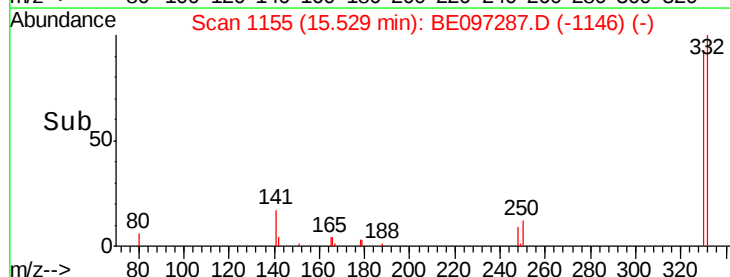
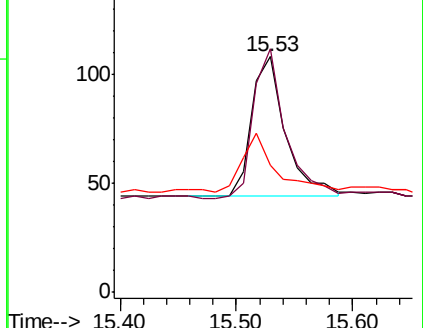
141 36.2 33.7 50.5

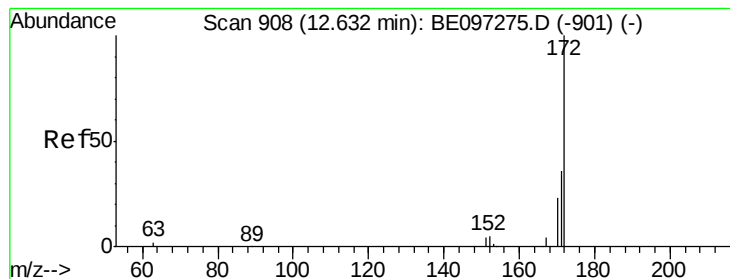


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

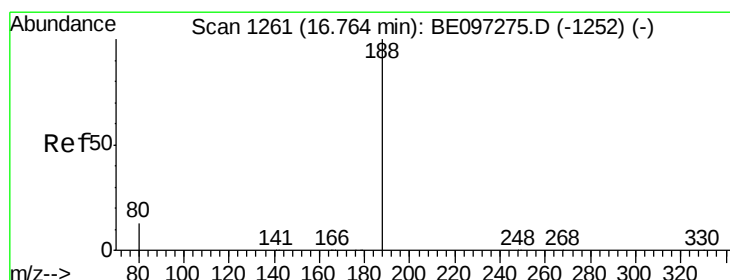
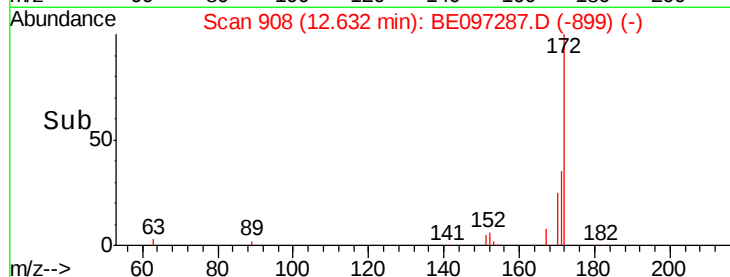
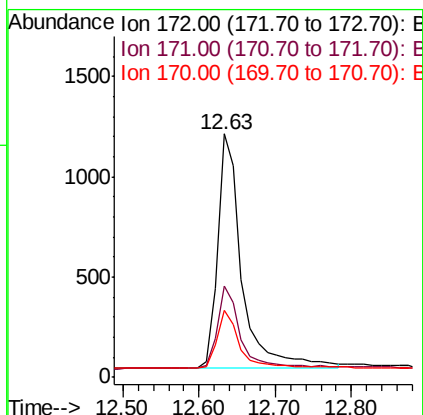
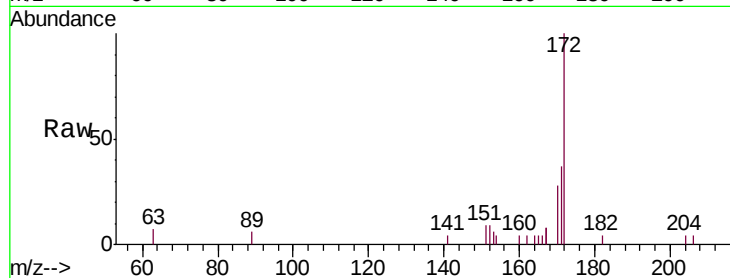




#15
2-Fluorobiphenyl
Concen: 0.278 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE097287.D
Acq: 16 Aug 2018 11:57

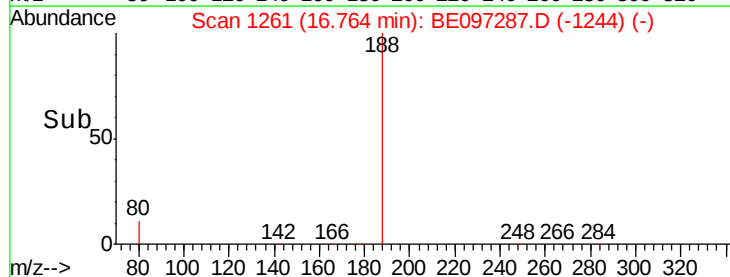
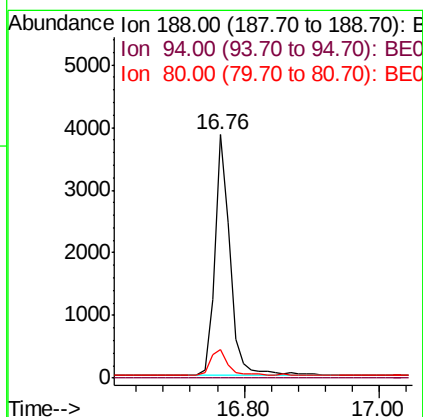
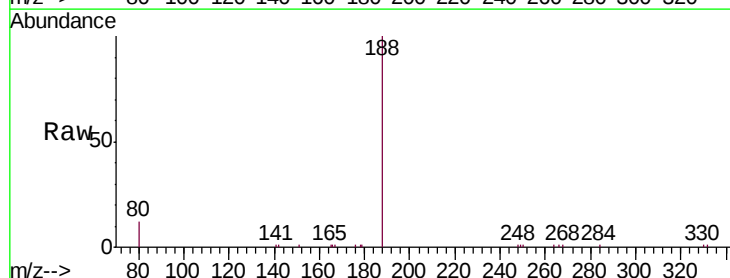
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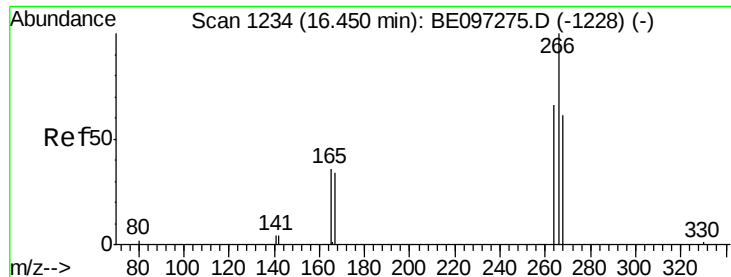
Tgt Ion:172 Resp: 2631
Ion Ratio Lower Upper
172 100
171 37.4 29.9 44.9
170 27.5 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE097287.D
Acq: 16 Aug 2018 11:57

Tgt Ion:188 Resp: 6098
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 11.8 3.6 5.4#

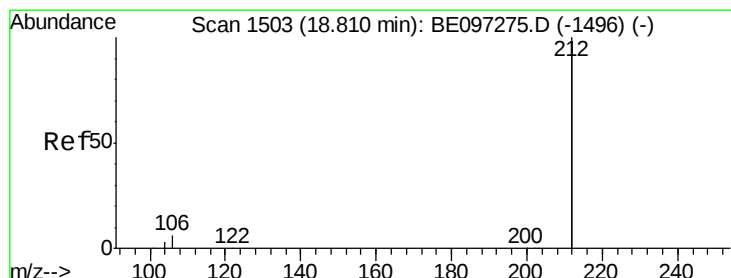
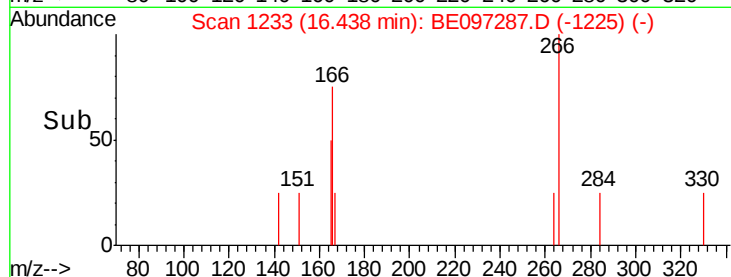
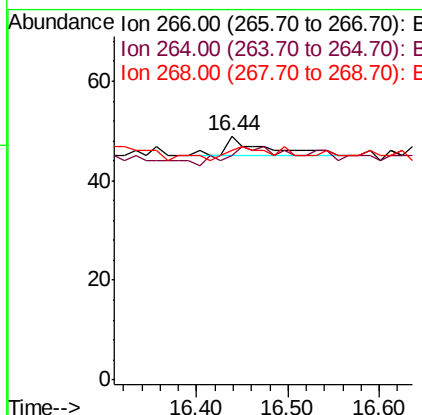
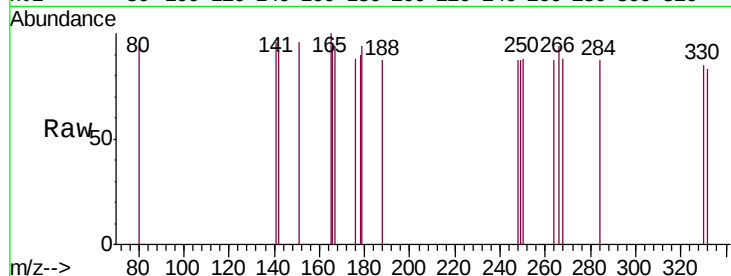




#22
 Pentachlorophenol
 Concen: 0.023 ng
 RT: 16.44 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BE097287.D
 Acq: 16 Aug 2018 11:57

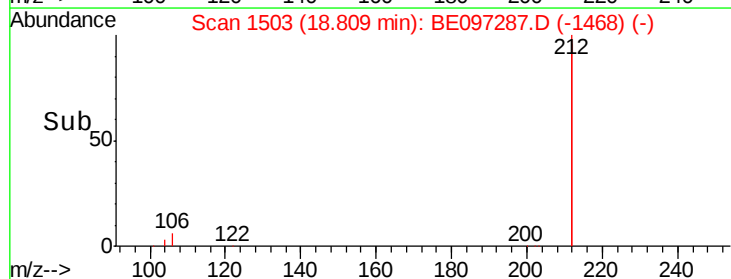
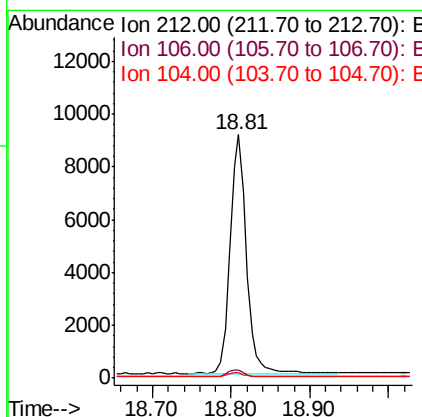
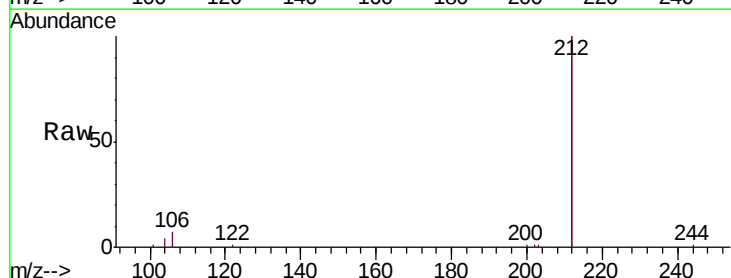
Instrument :
 BNA_E
 ClientSampleId :
 MW-101SDL

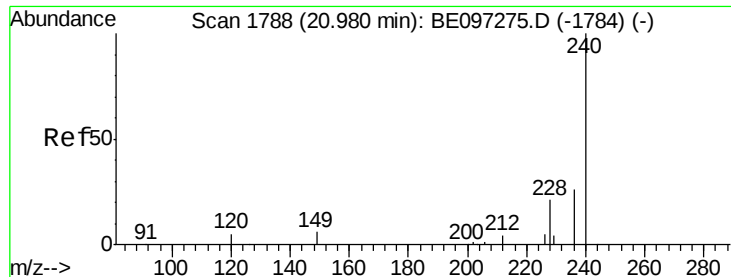
Tgt Ion: 266 Resp: 12
 Ion Ratio Lower Upper
 266 100
 264 91.8 72.5 108.7
 268 93.9 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.214 ng
 RT: 18.81 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BE097287.D
 Acq: 16 Aug 2018 11:57

Tgt Ion: 212 Resp: 13048
 Ion Ratio Lower Upper
 212 100
 106 3.1 2.8 4.2
 104 1.7 1.6 2.4

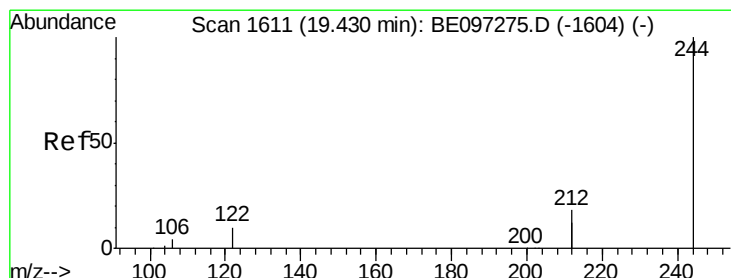
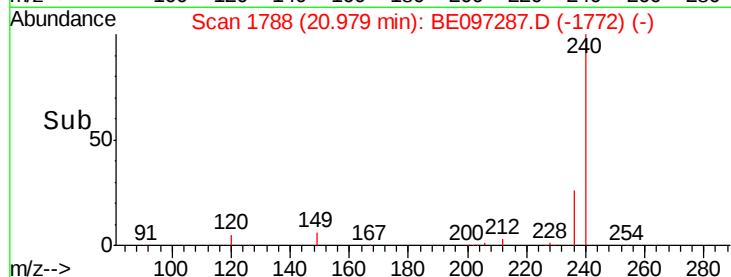
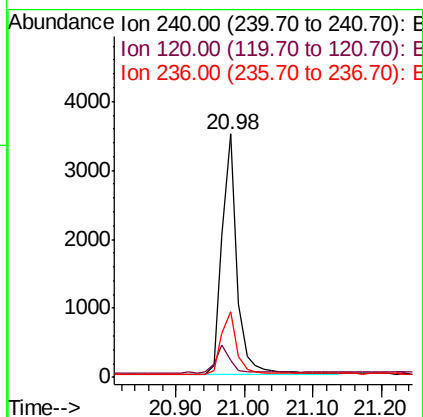
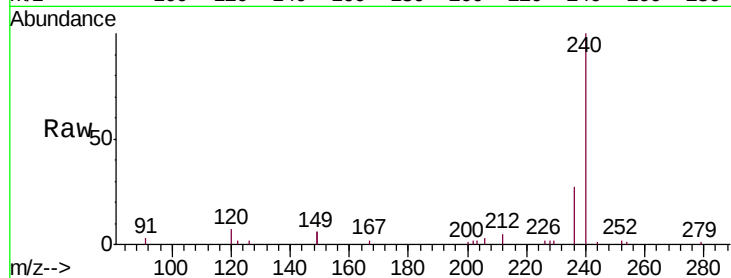




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.98 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BE097287.D
 Acq: 16 Aug 2018 11:57

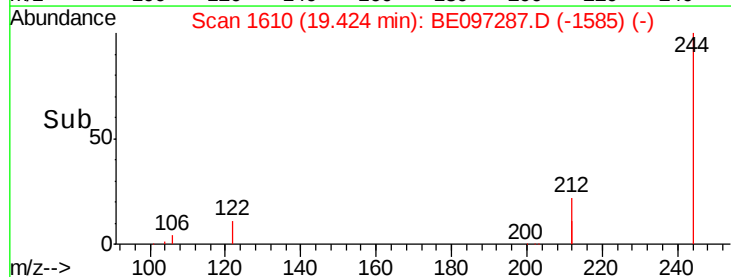
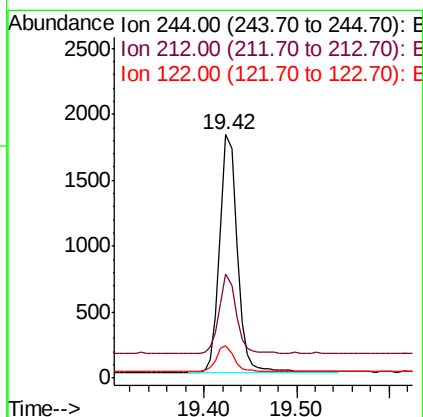
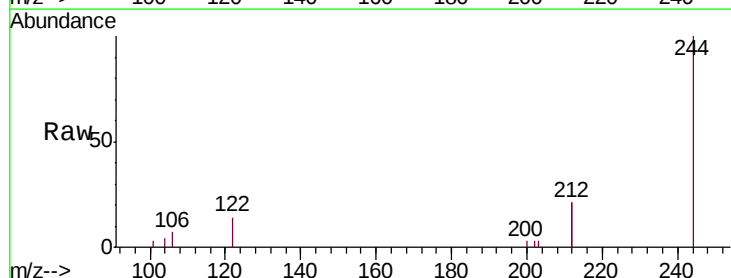
Instrument :
 BNA_E
 ClientSampleId :
 MW-101SDL

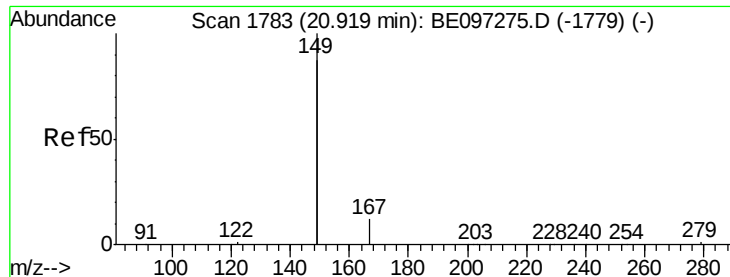
Tgt Ion:240 Resp: 5312
 Ion Ratio Lower Upper
 240 100
 120 7.1 5.5 8.3
 236 26.9 20.7 31.1



#29
 Terphenyl-d14
 Concen: 0.236 ng
 RT: 19.42 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BE097287.D
 Acq: 16 Aug 2018 11:57

Tgt Ion:244 Resp: 2359
 Ion Ratio Lower Upper
 244 100
 212 42.6 25.4 38.0#
 122 13.5 8.1 12.1#

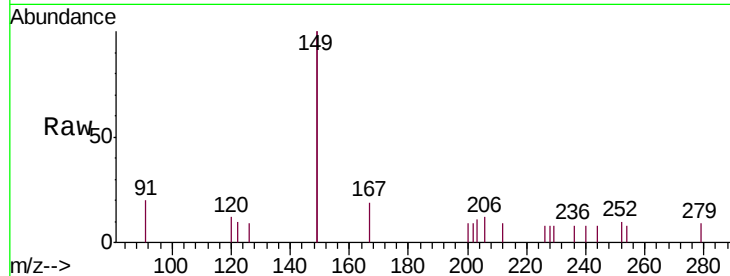




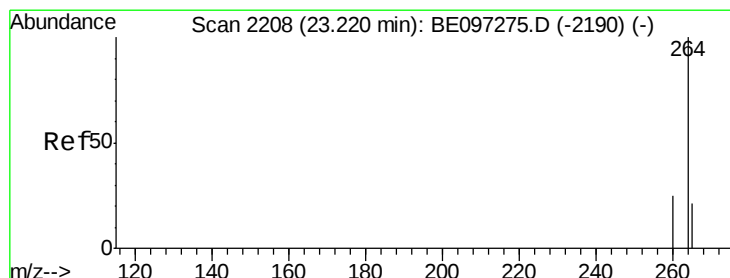
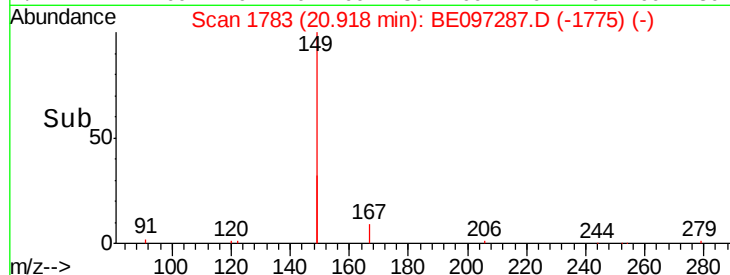
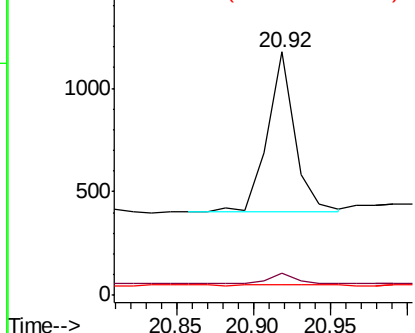
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.055 ng
 RT: 20.92 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: BE097287.D
 Acq: 16 Aug 2018 11:57

Instrument :
 BNA_E
 ClientSampleId :
 MW-101SDL

Tgt Ion:149 Resp: 955
 Ion Ratio Lower Upper
 149 100
 167 6.8 5.4 8.0
 279 1.6 0.7 1.1#

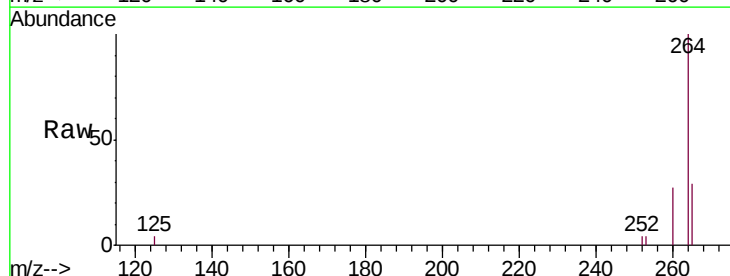


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BE097287.D
 Acq: 16 Aug 2018 11:57

Tgt Ion:264 Resp: 5148
 Ion Ratio Lower Upper
 264 100
 260 26.5 20.5 30.7
 265 29.5 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

