

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100918\
 Data File : BE097815.D
 Acq On : 9 Oct 2018 13:19
 Operator : SJ/JU
 Sample : J5284-02DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 09 14:14:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 09 11:59:33 2018
 Response via : Initial Calibration

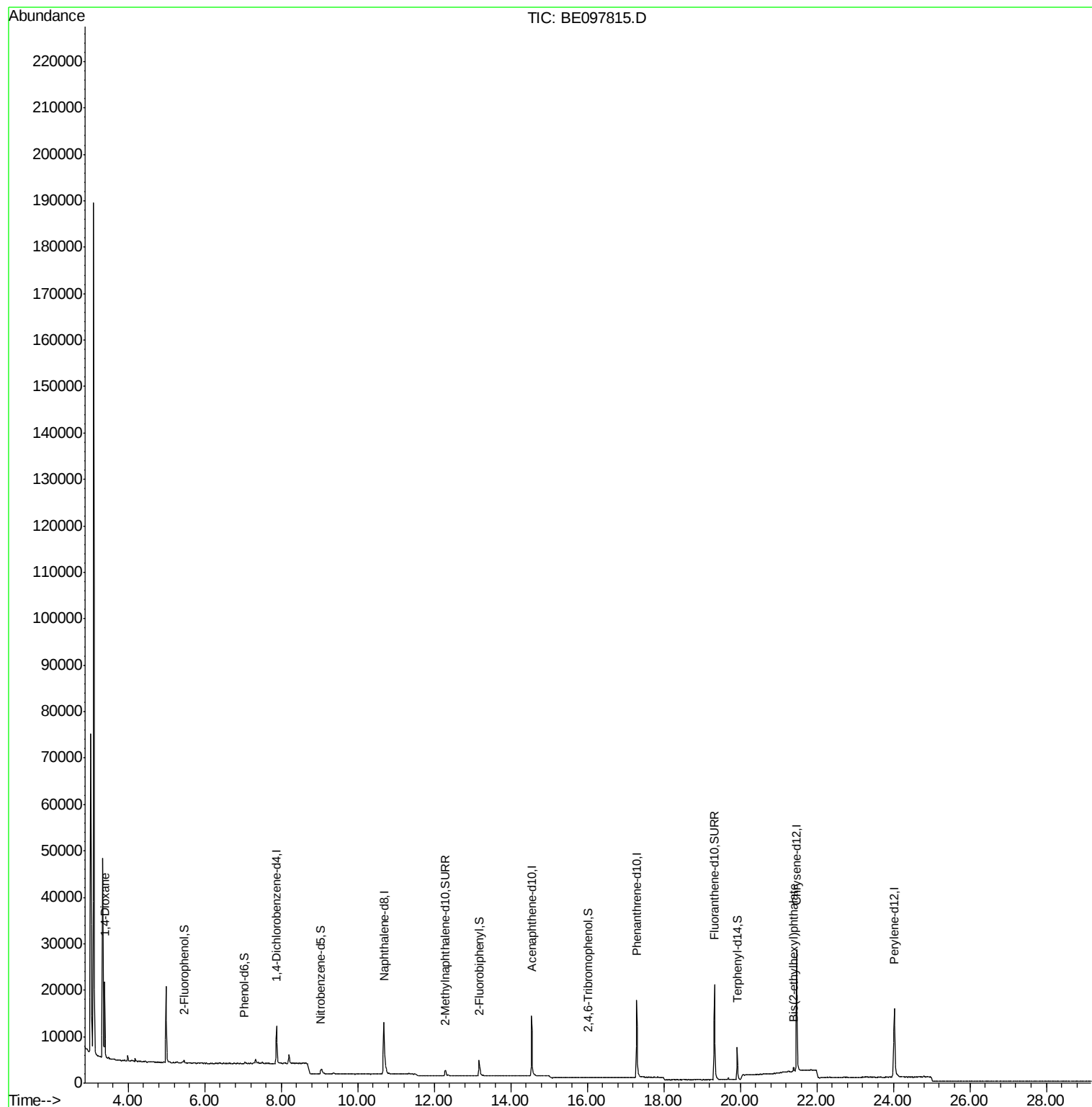
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	3859	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	15751	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	9299	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	26462	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	28946	0.40	ng	-0.01
34) Perylene-d12	24.02	264	25379	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	393	0.04	ng	-0.01
5) Phenol-d6	7.04	99	283	0.02	ng	0.00
8) Nitrobenzene-d5	9.04	82	875	0.17	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	2426	0.10	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	150	0.09	ng	-0.01
15) 2-Fluorobiphenyl	13.18	172	4754	0.12	ng	-0.01
25) Fluoranthene-d10	19.33	212	31923	0.10	ng	0.00
29) Terphenyl-d14	19.92	244	6458	0.11	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.39	88	11146	1.450	ng	Qvalue 97
32) Bis(2-ethylhexyl)phthalate	21.39	149	1662	0.029	ng	# 95

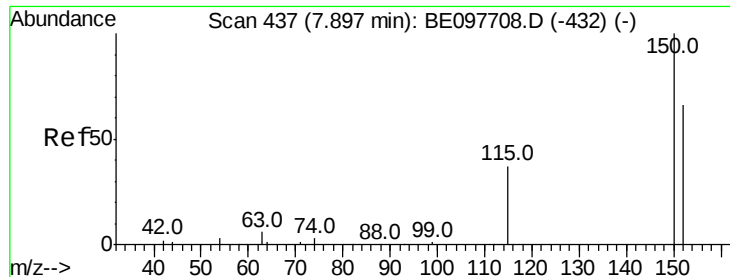
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 09 11:59:33 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 436

Delta R.T. -0.01 min

Lab File: BE097815.D

Acq: 9 Oct 2018 13:19

Instrument :

BNA_E

ClientSampleId :

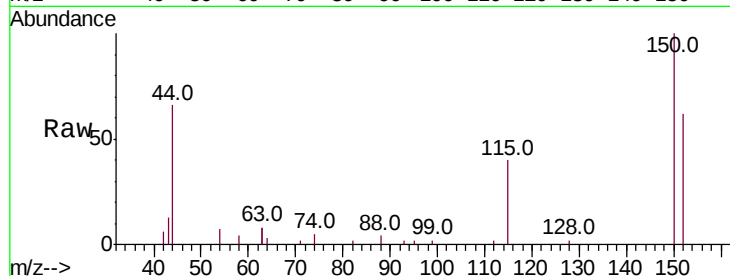
Tot Ion:152 Resp: 3859

Ion Ratio Lower Upper

152 100

150 160.6 120.9 181.3

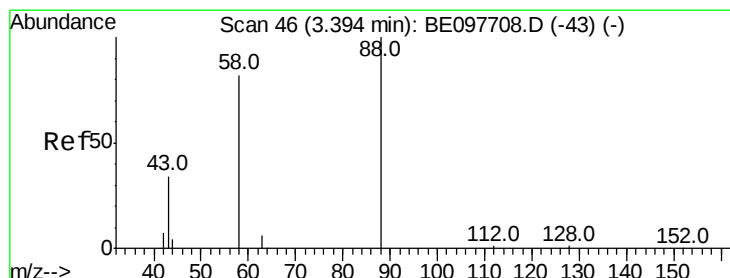
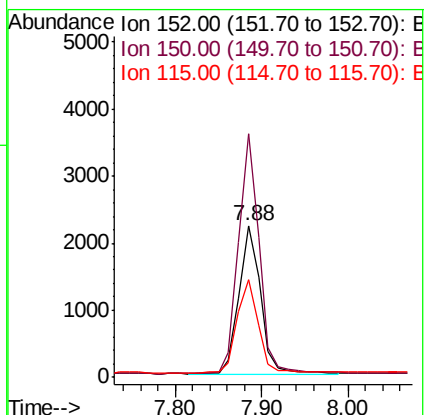
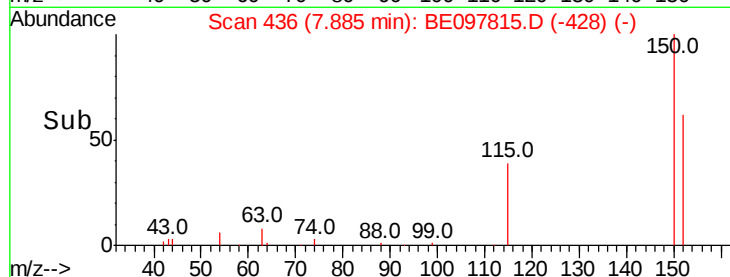
115 64.3 46.6 69.8



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: 1.450 ng

RT: 3.39 min Scan# 46

Delta R.T. -0.00 min

Lab File: BE097815.D

Acq: 9 Oct 2018 13:19

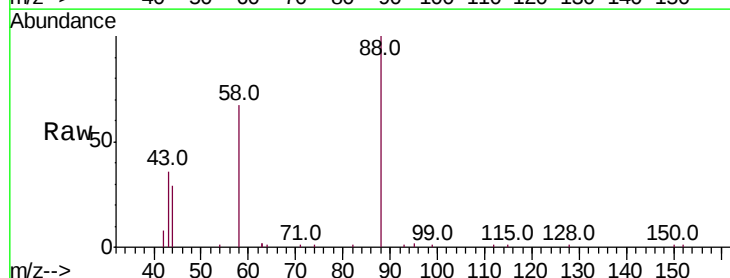
Tgt Ion: 88 Resp: 11146

Ion Ratio Lower Upper

88 100

58 87.0 70.8 106.2

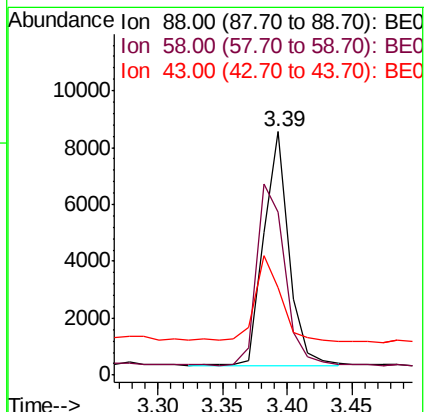
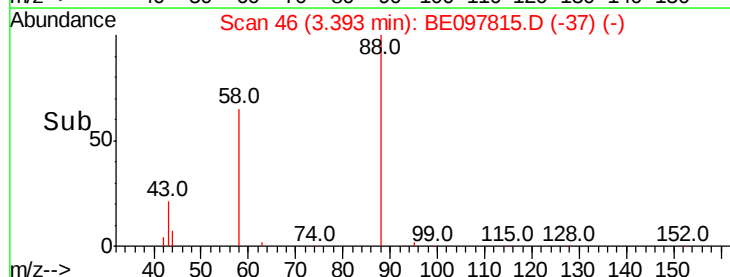
43 37.2 33.3 49.9

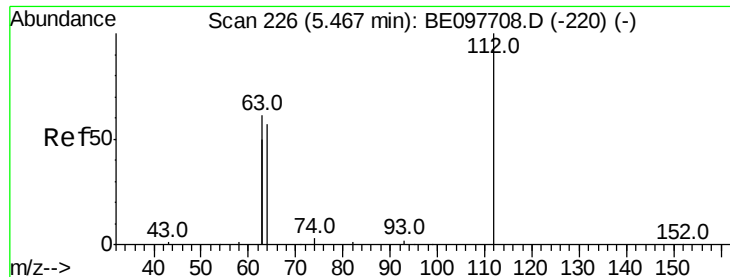


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.043 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE097815.D

Acq: 9 Oct 2018 13:19

Instrument :

BNA_E

ClientSampled :

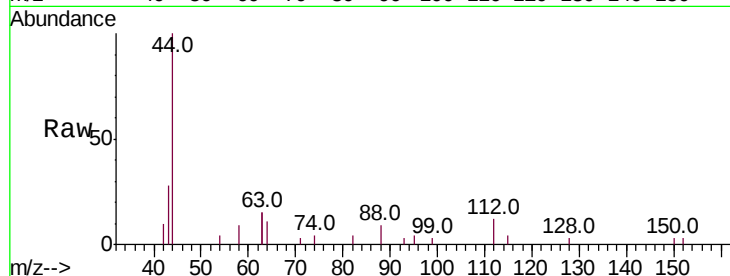
Tot Ion: 112 Resp: 393

Ion Ratio Lower Upper

112 100

64 70.0 56.6 84.8

63 135.1 119.4 179.0



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

800

600

400

200

0

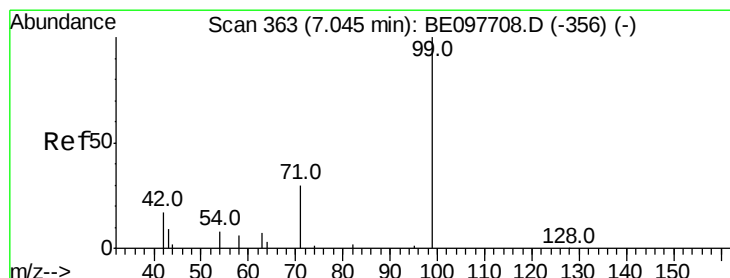
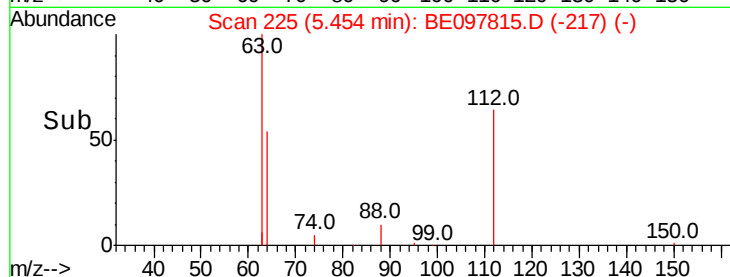
5.40

5.45

5.50

5.60

Time-->



#5

Phenol-d6

Concen: 0.020 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097815.D

Acq: 9 Oct 2018 13:19

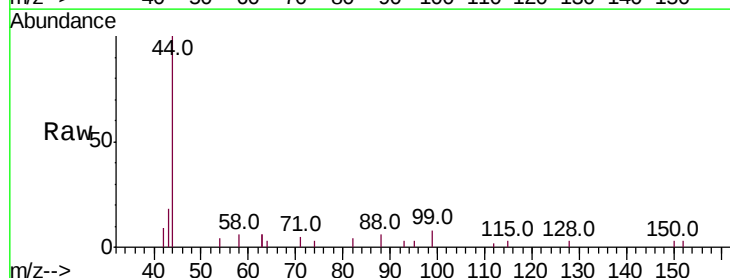
Tgt Ion: 99 Resp: 283

Ion Ratio Lower Upper

99 100

42 71.7 19.9 29.9#

71 37.5 25.4 38.2



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

250

200

150

100

50

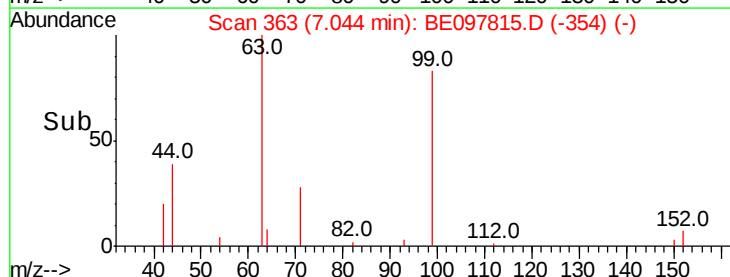
0

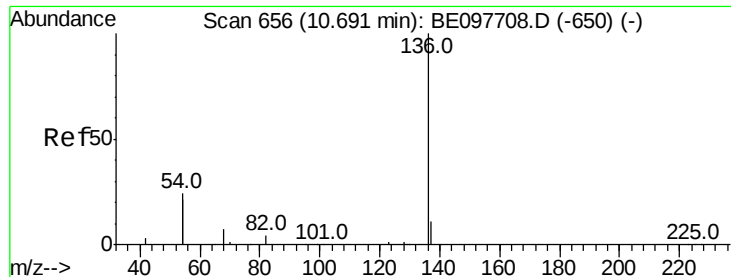
7.00

7.04

7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097815.D

Acq: 9 Oct 2018 13:19

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 15751

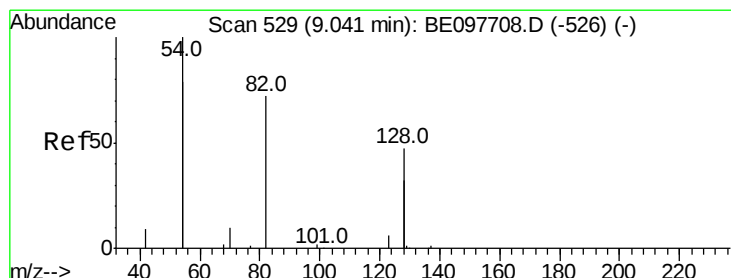
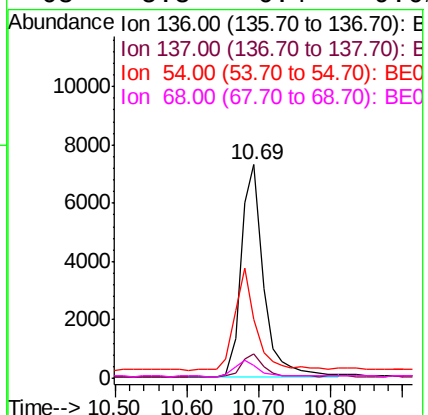
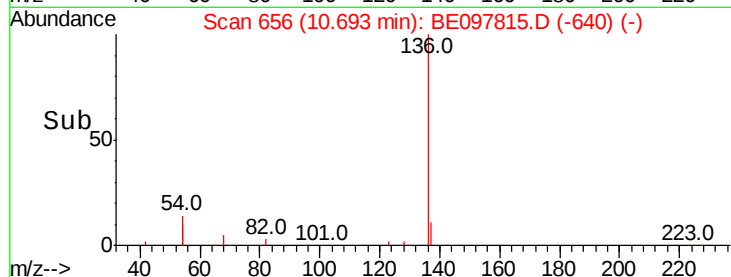
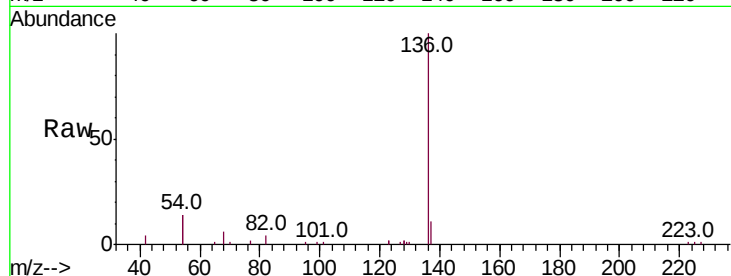
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 27.8 37.8 56.6#

68 5.8 6.4 9.6#



#8

Nitrobenzene-d5

Concen: 0.171 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097815.D

Acq: 9 Oct 2018 13:19

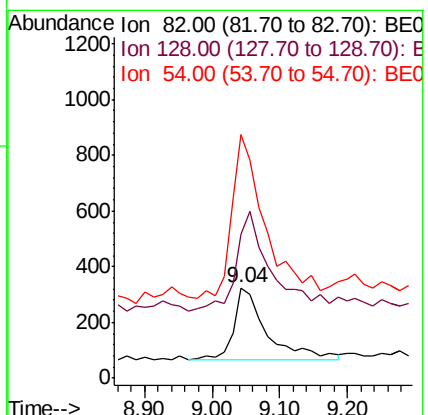
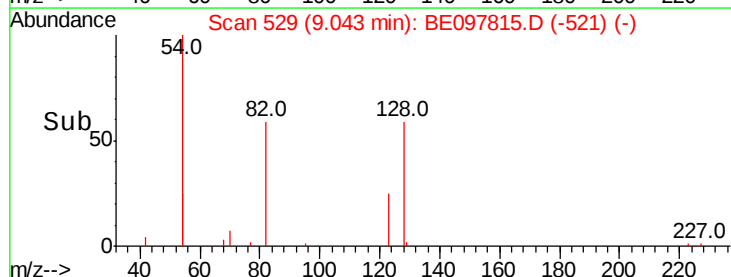
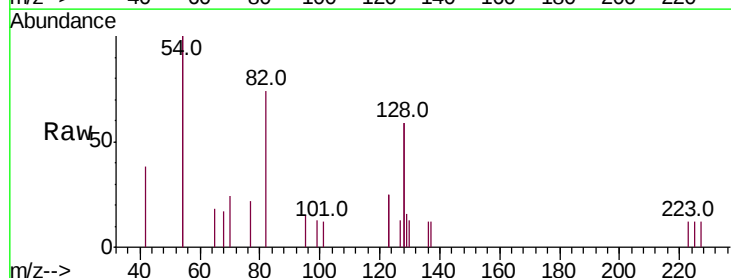
Tgt Ion: 82 Resp: 875

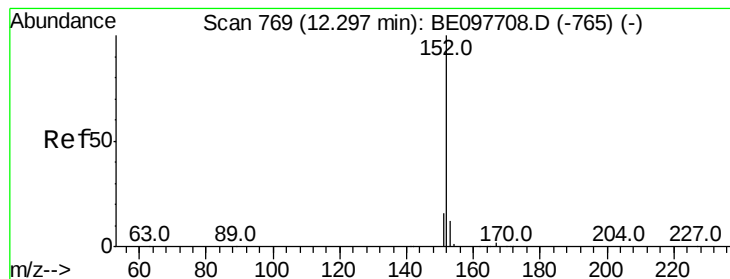
Ion Ratio Lower Upper

82 100

128 159.9 97.0 145.4#

54 269.8 206.9 310.3





#11

2-Methylnaphthalene-d10

Concen: 0.097 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097815.D

Acq: 9 Oct 2018 13:19

Instrument :

BNA_E

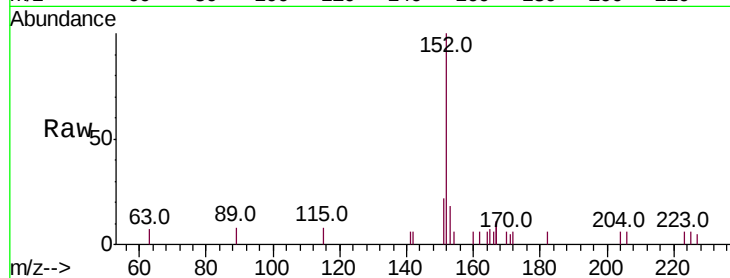
ClientSampled :

Tot Ion:152 Resp: 2426

Ion Ratio Lower Upper

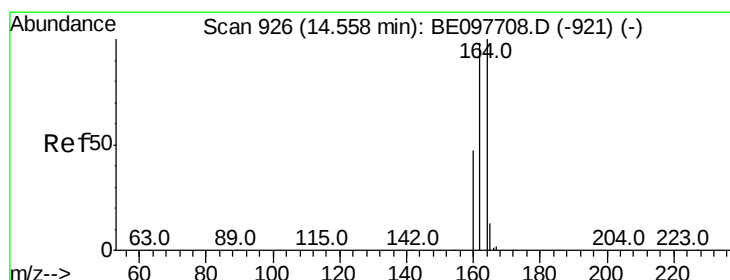
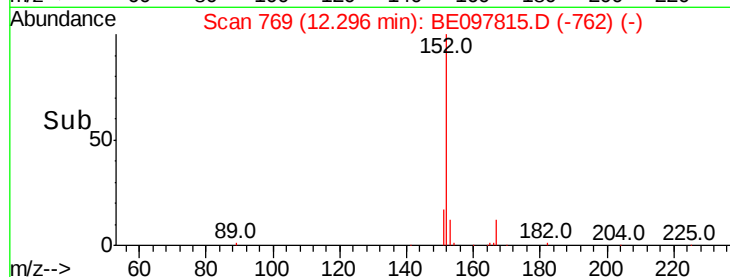
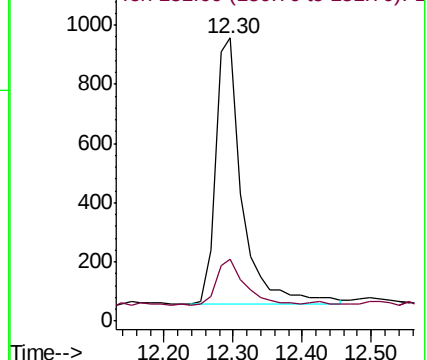
152 100

151 19.5 15.4 23.2



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: 14.54 min Scan# 925

Delta R.T. -0.01 min

Lab File: BE097815.D

Acq: 9 Oct 2018 13:19

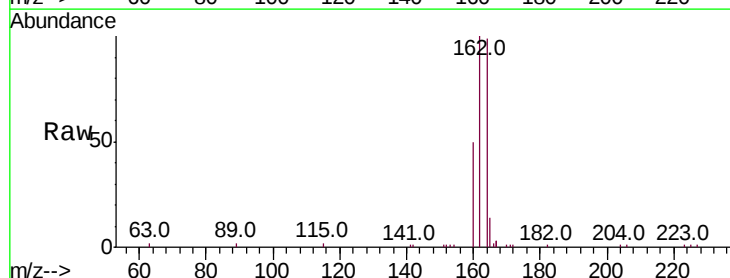
Tgt Ion:164 Resp: 9299

Ion Ratio Lower Upper

164 100

162 101.2 78.6 117.8

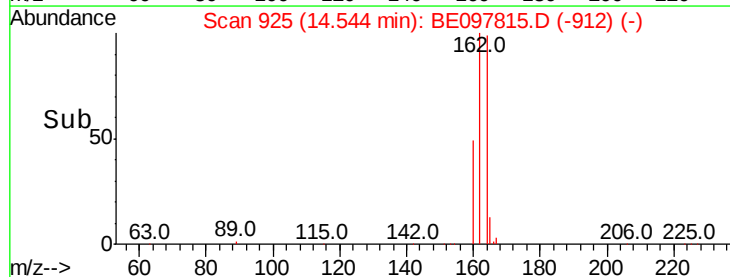
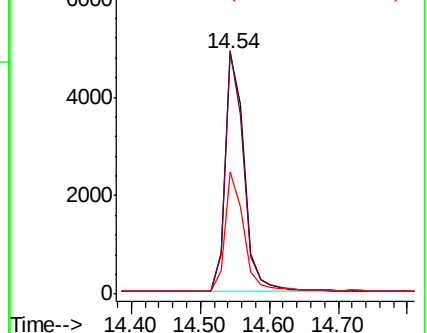
160 50.6 37.8 56.6

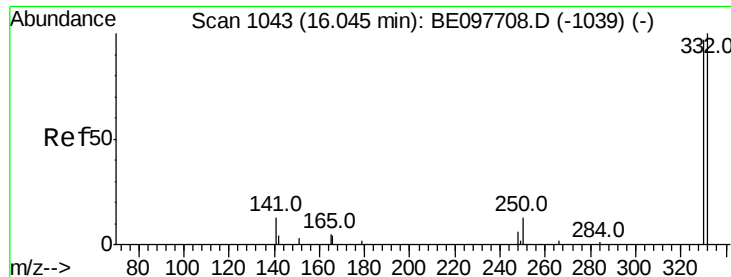


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.089 ng

RT: 16.03 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BE097815.D

Acq: 9 Oct 2018 13:19

Instrument :

BNA_E

ClientSampled :

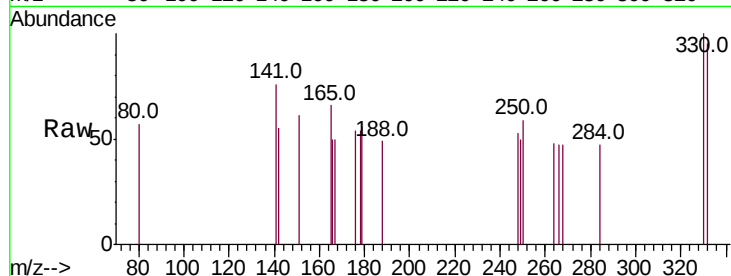
Tot Ion:330 Resp: 150

Ion Ratio Lower Upper

330 100

332 94.0 83.5 125.3

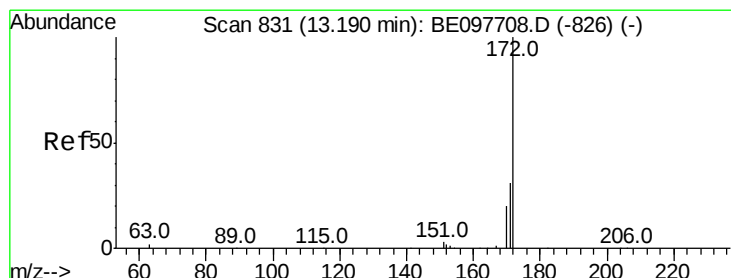
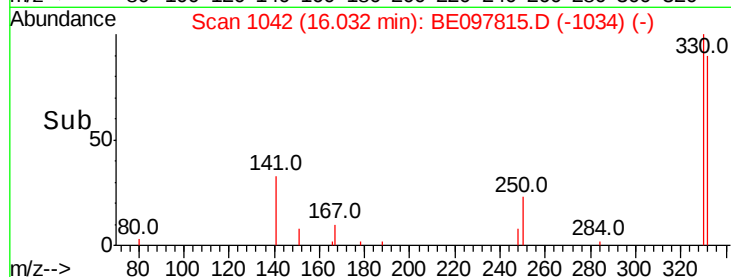
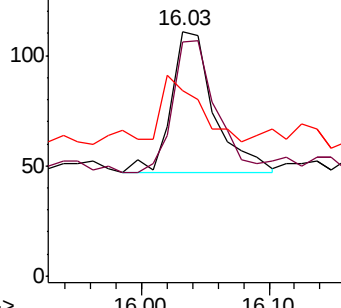
141 0.0 34.9 52.3#



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: 0.116 ng

RT: 13.18 min Scan# 830

Delta R.T. -0.01 min

Lab File: BE097815.D

Acq: 9 Oct 2018 13:19

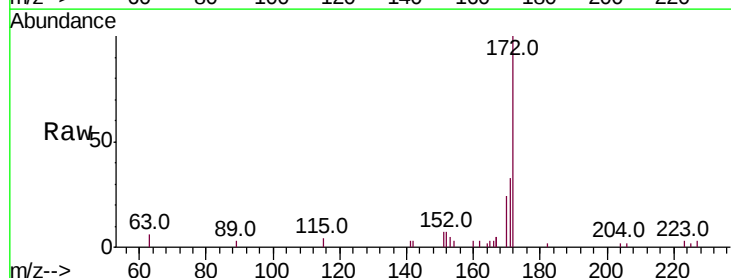
Tgt Ion:172 Resp: 4754

Ion Ratio Lower Upper

172 100

171 33.4 25.2 37.8

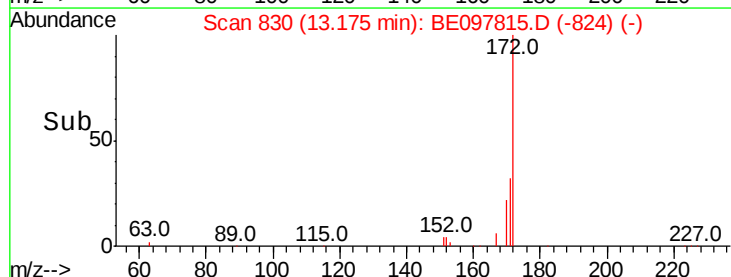
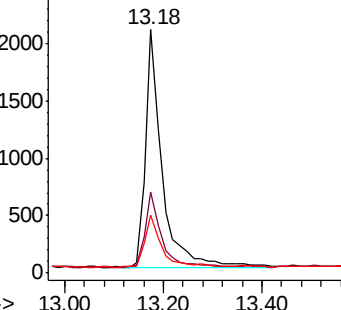
170 23.9 16.2 24.2

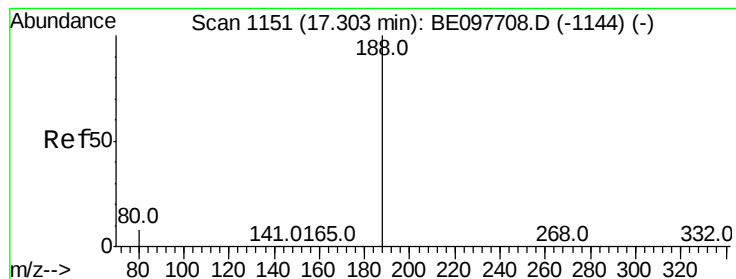


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097815.D

Acq: 9 Oct 2018 13:19

Instrument :

BNA_E

ClientSampleId :

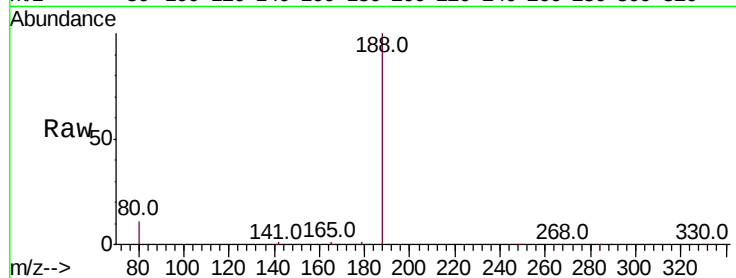
Tot Ion:188 Resp: 26462

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

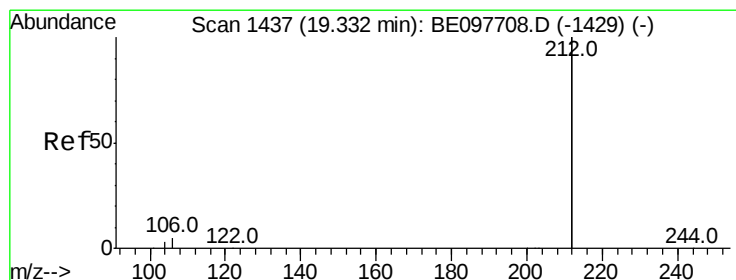
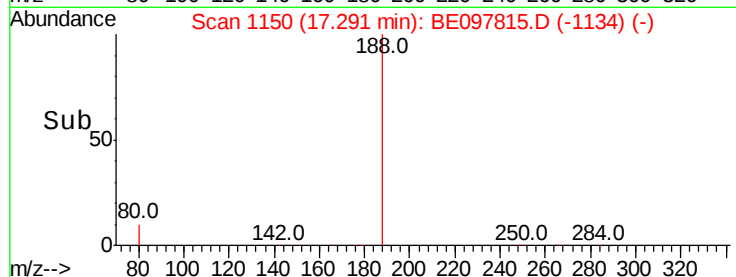
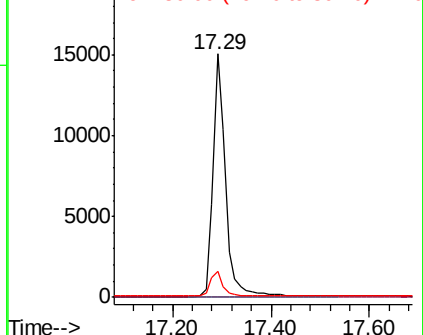
80 10.5 6.6 9.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#25

Fluoranthene-d10

Concen: 0.095 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097815.D

Acq: 9 Oct 2018 13:19

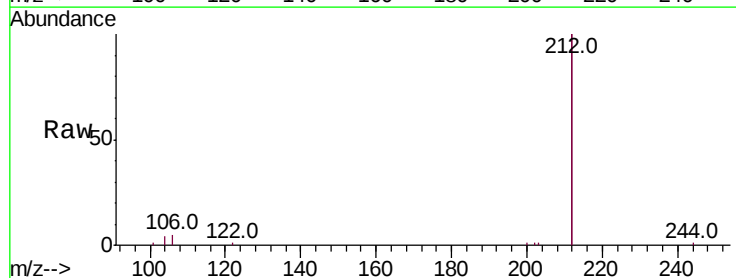
Tgt Ion:212 Resp: 31923

Ion Ratio Lower Upper

212 100

106 2.5 2.2 3.2

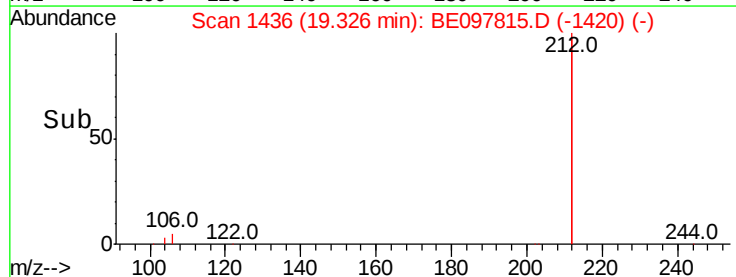
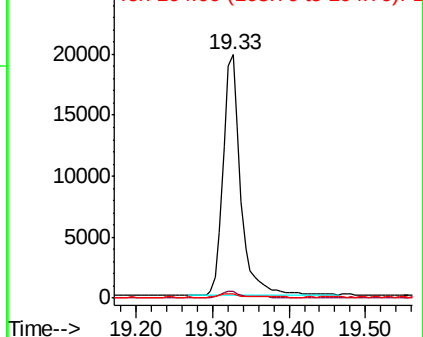
104 1.6 1.2 1.8

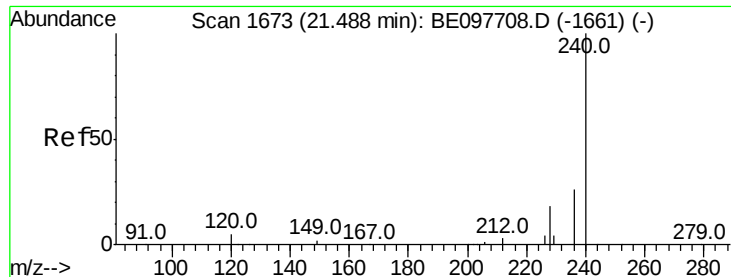


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

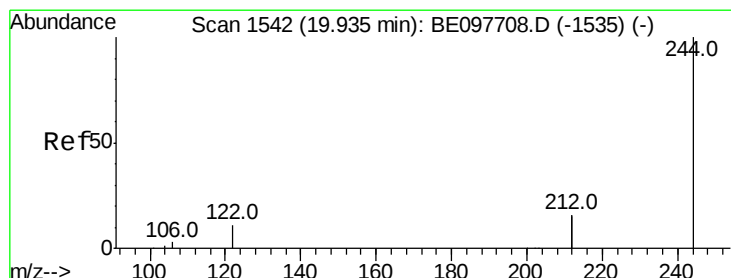
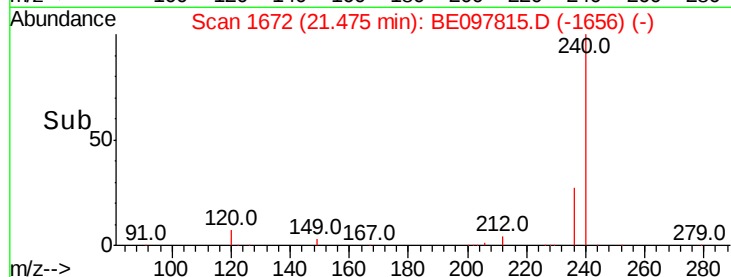
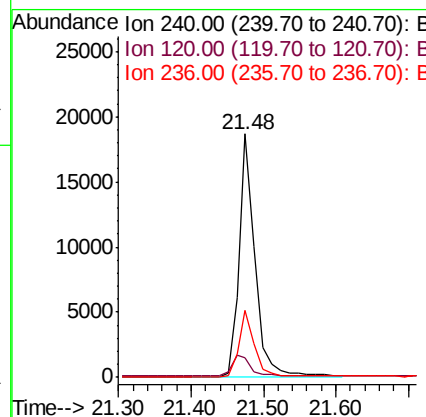
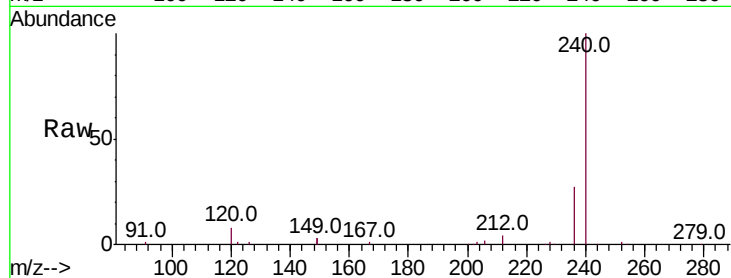




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.48 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BE097815.D
 Acq: 9 Oct 2018 13:19

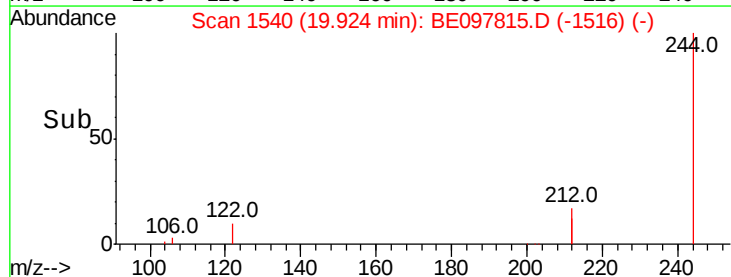
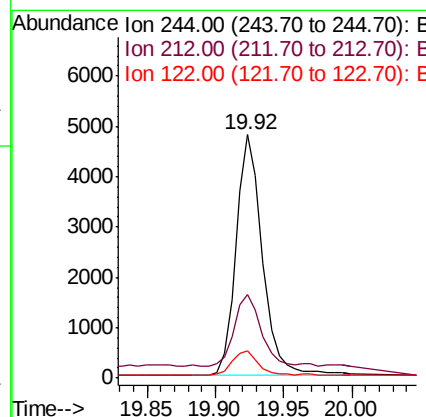
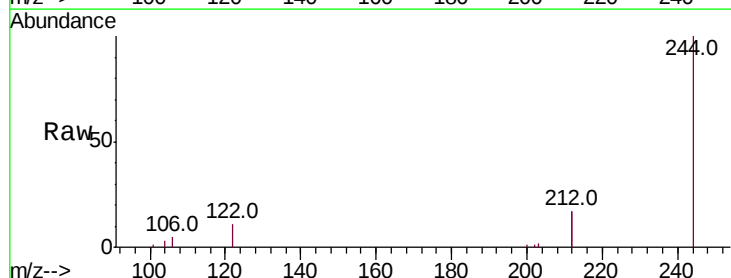
Instrument :
 BNA_E
 ClientSampleId :

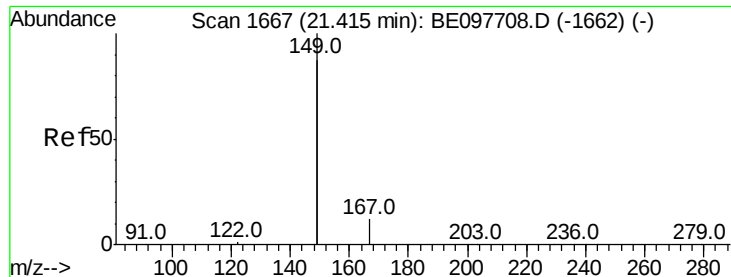
Tot Ion:240 Resp: 28946
 Ion Ratio Lower Upper
 240 100
 120 7.9 4.7 7.1#
 236 27.5 20.8 31.2



#29
 Terphenyl-d14
 Concen: 0.109 ng
 RT: 19.92 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BE097815.D
 Acq: 9 Oct 2018 13:19

Tgt Ion:244 Resp: 6458
 Ion Ratio Lower Upper
 244 100
 212 34.6 25.8 38.8
 122 11.0 8.7 13.1





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.029 ng

RT: 21.39 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BE097815.D

Acq: 9 Oct 2018 13:19

Instrument :

BNA_E

ClientSampleId :

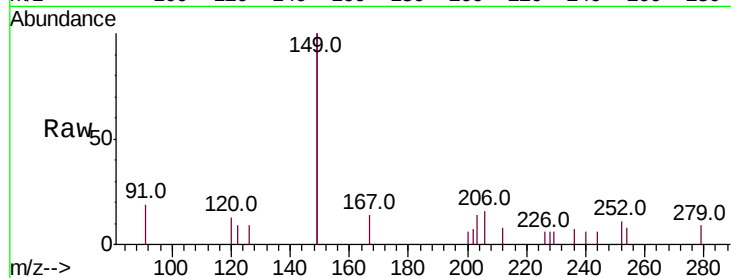
Tot Ion:149 Resp: 1662

Ion Ratio Lower Upper

149 100

167 5.2 5.5 8.3#

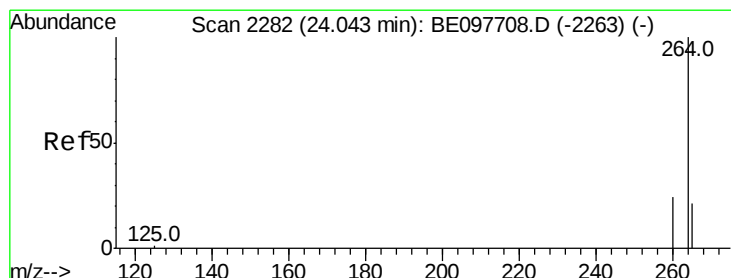
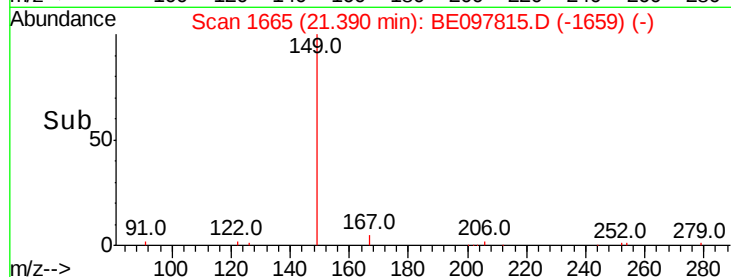
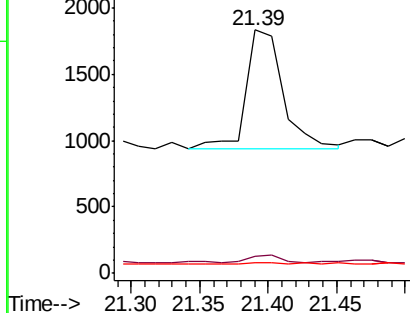
279 2.1 0.9 1.3#



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: 24.02 min Scan# 2276

Delta R.T. -0.02 min

Lab File: BE097815.D

Acq: 9 Oct 2018 13:19

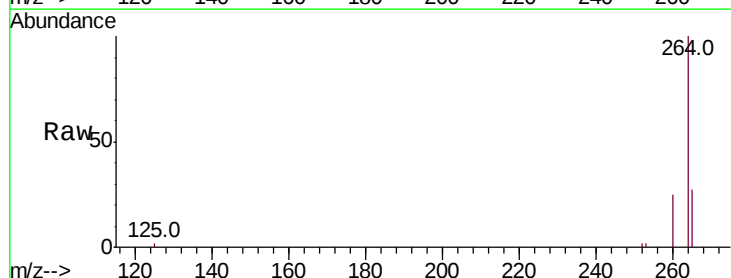
Tgt Ion:264 Resp: 25379

Ion Ratio Lower Upper

264 100

260 25.4 19.1 28.7

265 27.2 21.9 32.9



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

