

Data File : BE097774.D
Acq On : 6 Oct 2018 3:36
Operator : SJ/JU
Sample : J5284-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
TT-DUP03-20181003

Quant Time: Oct 06 04:22:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration

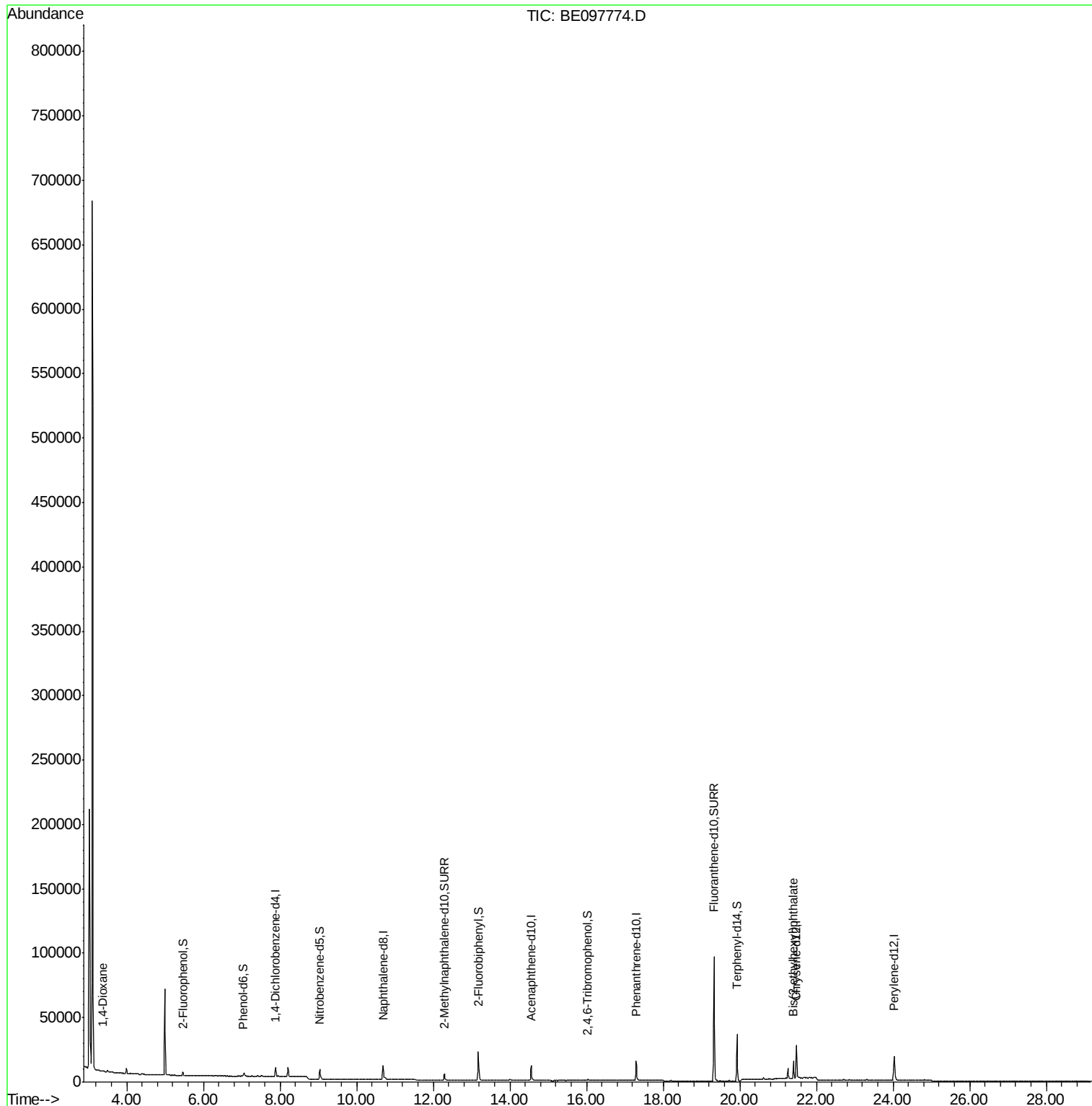
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3436	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	13864	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	7753	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	22894	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	30809	0.40	ng	-0.01
34) Perylene-d12	24.03	264	29983	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1484	0.18	ng	0.00
5) Phenol-d6	7.05	99	1291	0.10	ng	0.00
8) Nitrobenzene-d5	9.04	82	3420	0.76	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	8410	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	706	0.50	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	21635	0.63	ng	-0.02
25) Fluoranthene-d10	19.33	212	130514	0.45	ng	0.00
29) Terphenyl-d14	19.93	244	32146	0.51	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	278	0.041	ng	Qvalue # 14
32) Bis(2-ethylhexyl)phthalate	21.40	149	14725	0.243	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: 7.89 min Scan# 436

Delta R.T. -0.01 min

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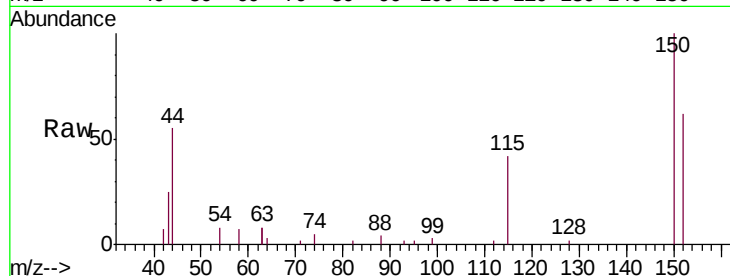
Tgt Ion:152 Resp: 3436

Ion Ratio Lower Upper

152 100

150 161.4 120.9 181.3

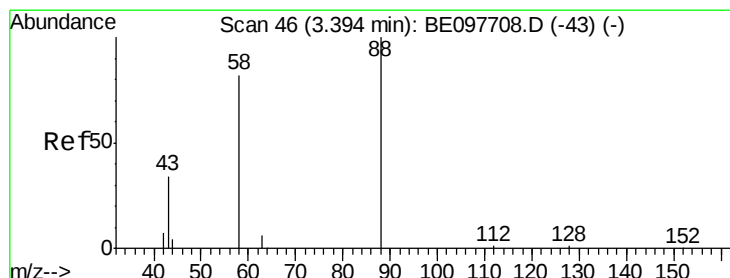
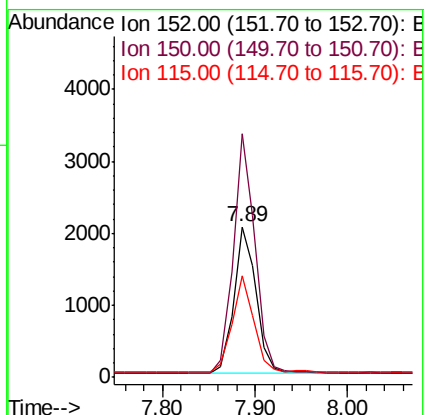
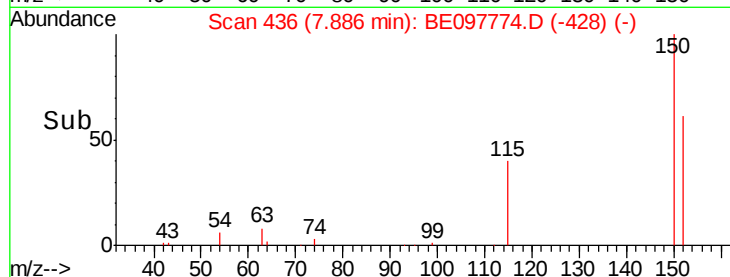
115 67.4 46.6 69.8



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: 0.041 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.03 min

Lab File: BE097774.D

Acq: 6 Oct 2018 3:36

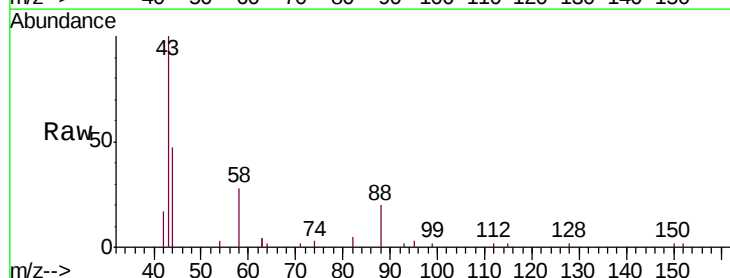
Tgt Ion: 88 Resp: 278

Ion Ratio Lower Upper

88 100

58 0.0 70.8 106.2#

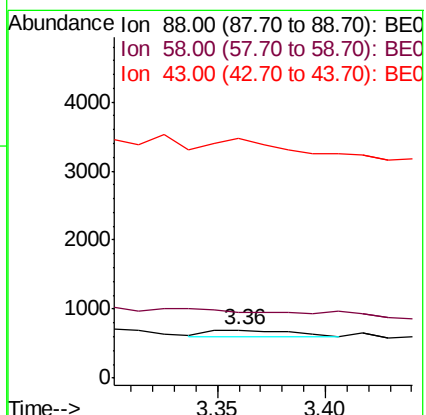
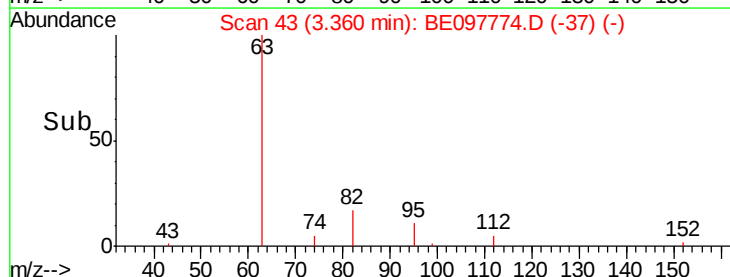
43 0.0 33.3 49.9#

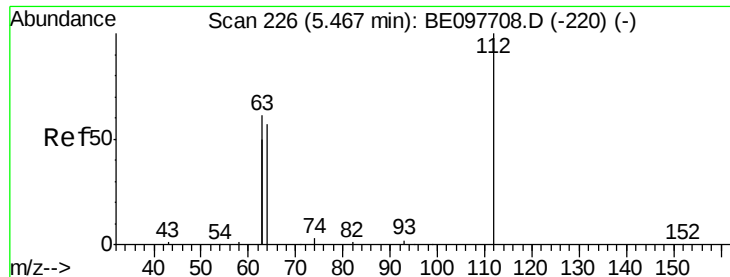


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.183 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE097774.D

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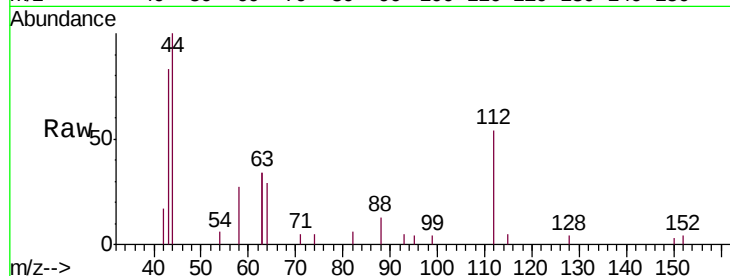
Tgt Ion: 112 Resp: 1484

Ion Ratio Lower Upper

112 100

64 74.4 56.6 84.8

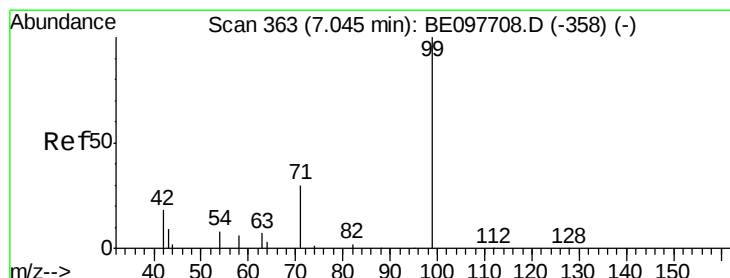
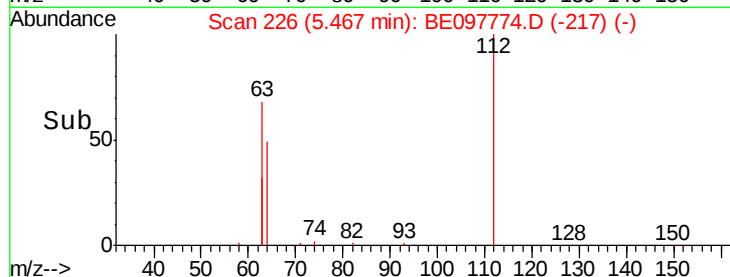
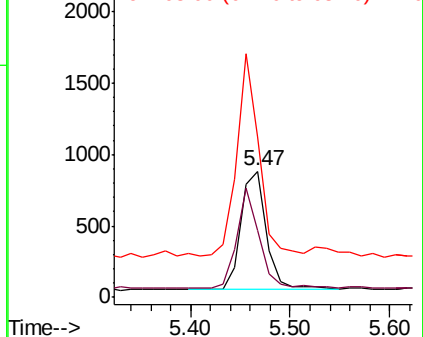
63 146.0 119.4 179.0



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: 0.104 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE097774.D

Acq: 6 Oct 2018 3:36

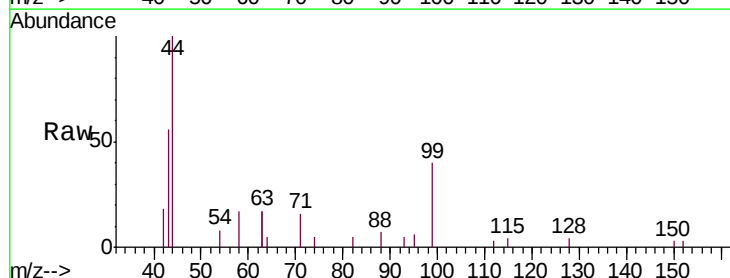
Tgt Ion: 99 Resp: 1291

Ion Ratio Lower Upper

99 100

42 51.1 19.9 29.9#

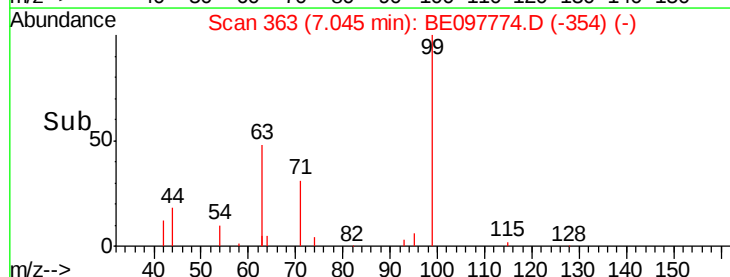
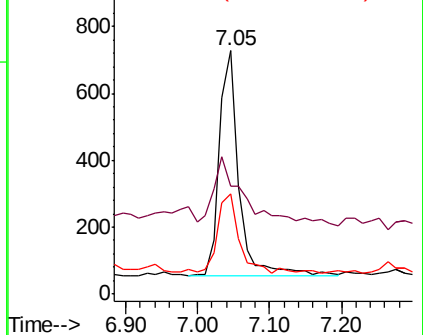
71 37.2 25.4 38.2

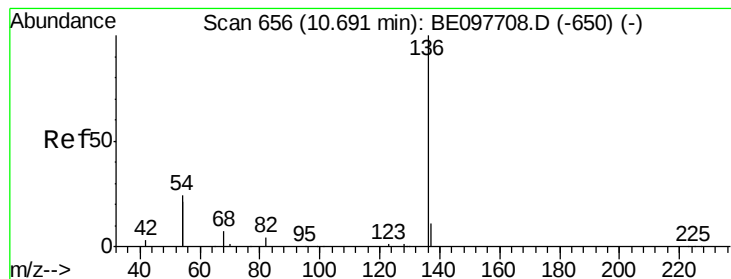


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097774.D

Acq: 6 Oct 2018 3:36

Instrument :

MSVOA_V

ClientSampleId :

TT-DUP03-20181003

Tgt Ion: 136 Resp: 13864

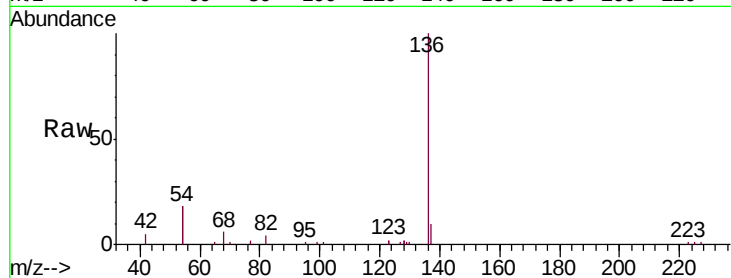
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 35.8 37.8 56.6#

68 6.2 6.4 9.6#

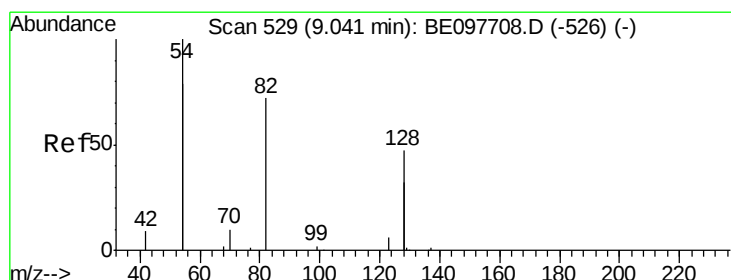
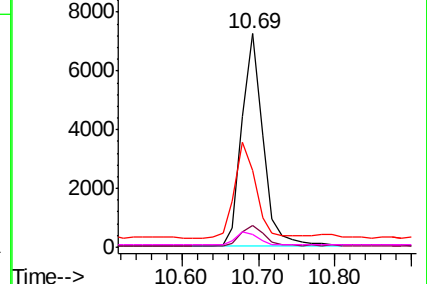
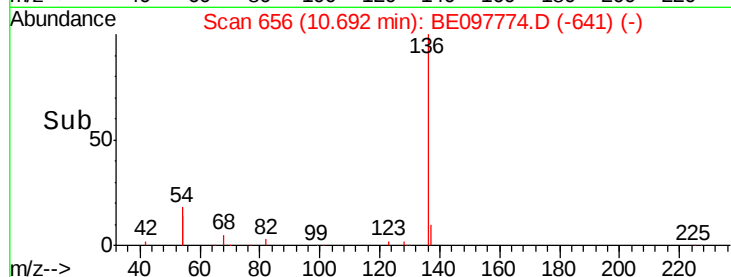


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.760 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097774.D

Acq: 6 Oct 2018 3:36

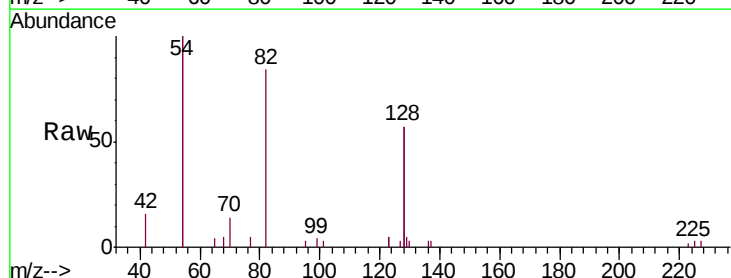
Tgt Ion: 82 Resp: 3420

Ion Ratio Lower Upper

82 100

128 135.3 97.0 145.4

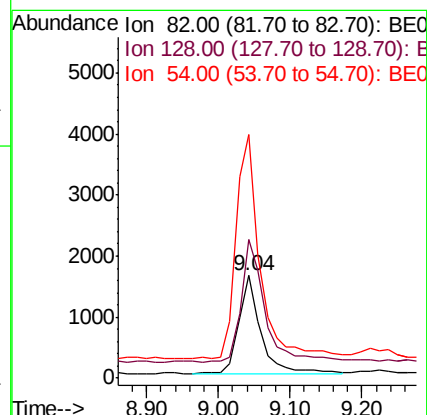
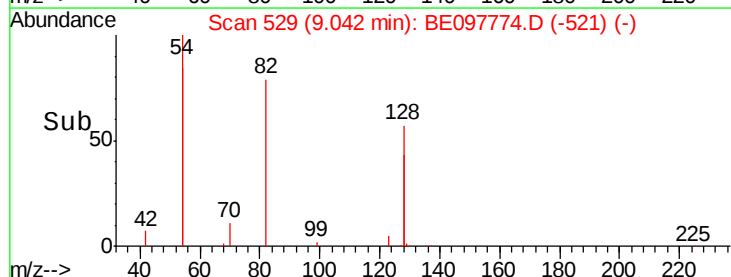
54 238.2 206.9 310.3

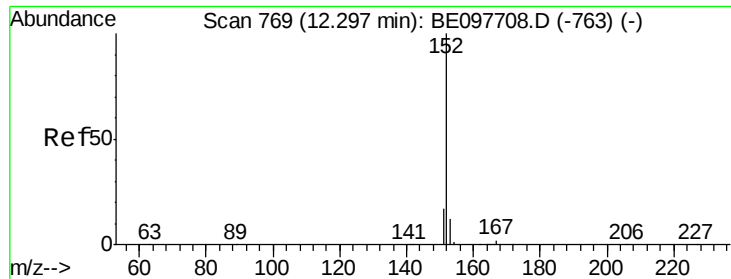


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

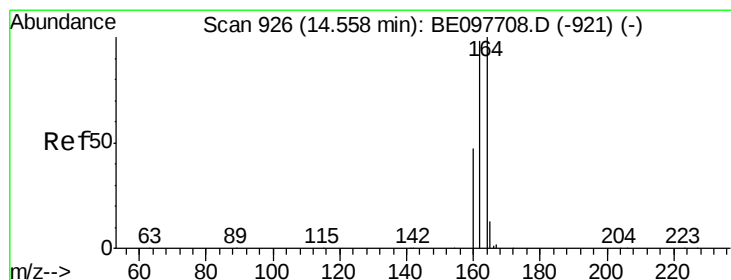
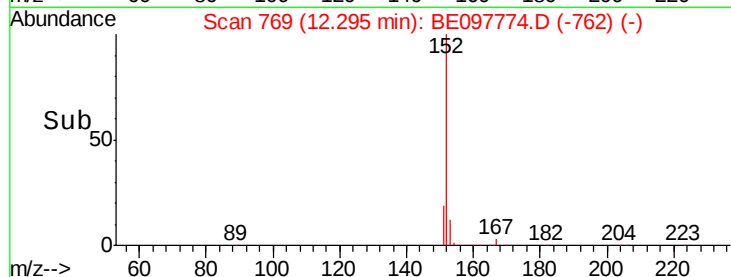
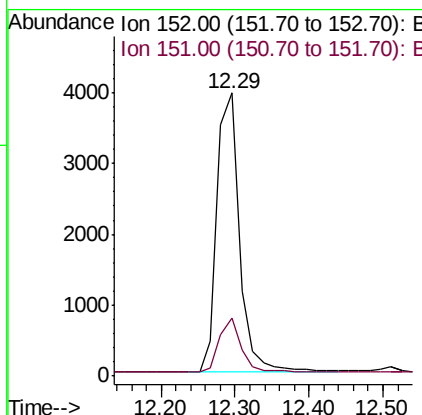
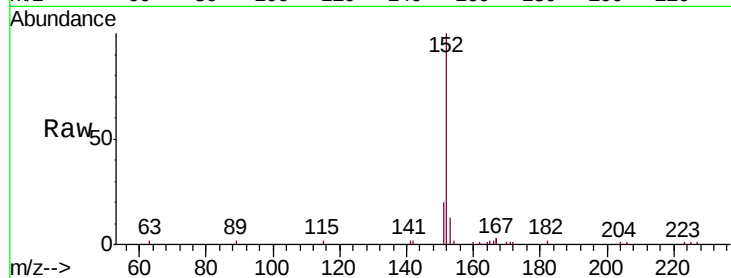




#11
 2-Methylnaphthalene-d10
 Concen: 0.381 ng
 RT: 12.29 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE097774.D
 Acq: 6 Oct 2018 3:36

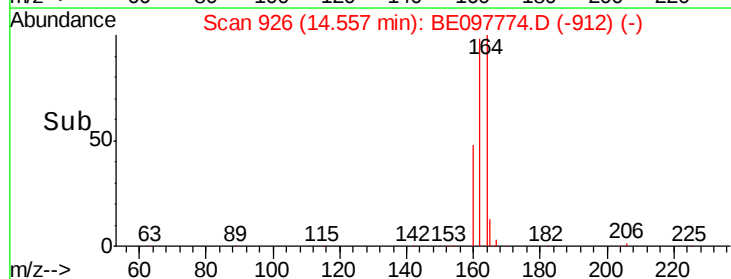
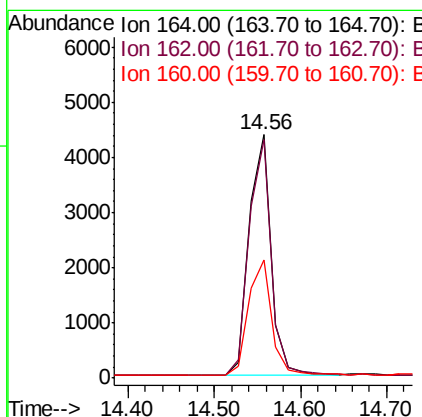
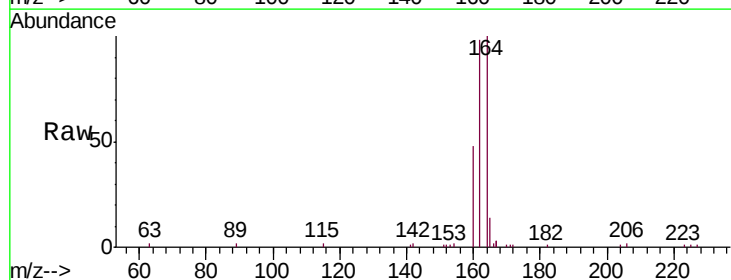
Instrument :
 MSVOA_V
 ClientSampleId :
 TT-DUP03-20181003

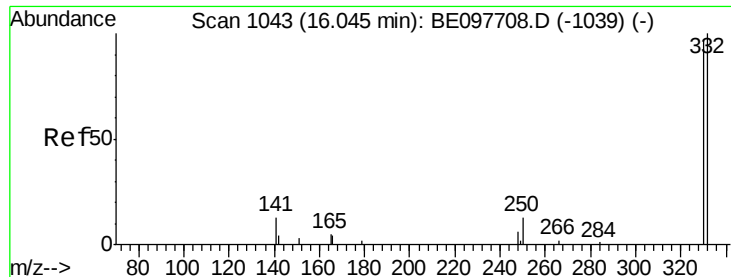
Tgt Ion:152 Resp: 8410
 Ion Ratio Lower Upper
 152 100
 151 18.8 15.4 23.2



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BE097774.D
 Acq: 6 Oct 2018 3:36

Tgt Ion:164 Resp: 7753
 Ion Ratio Lower Upper
 164 100
 162 98.1 78.6 117.8
 160 48.4 37.8 56.6

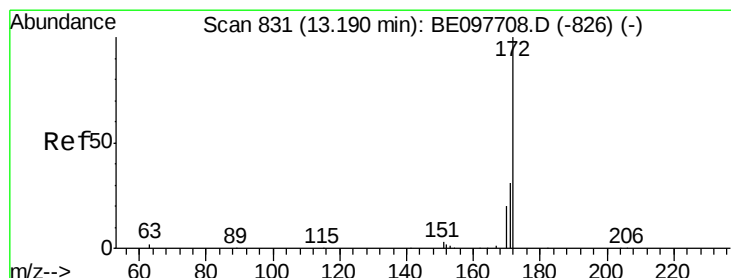
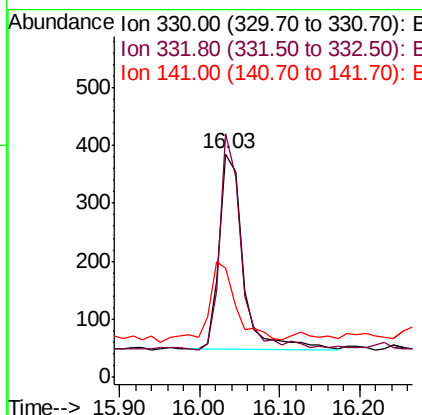
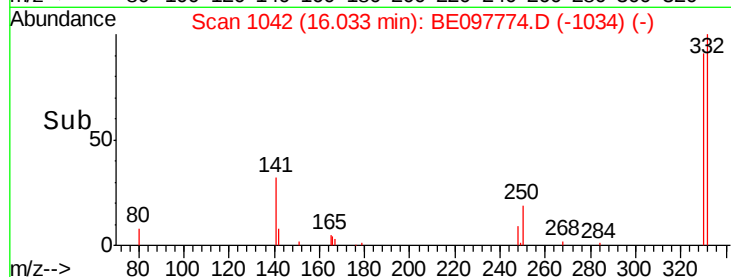
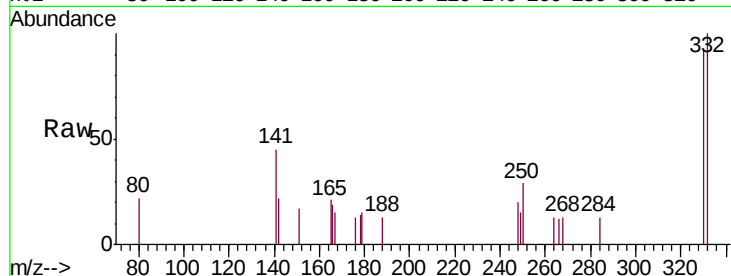




#14
 2,4,6-Tribromophenol
 Concen: 0.502 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BE097774.D
 Acq: 6 Oct 2018 3:36

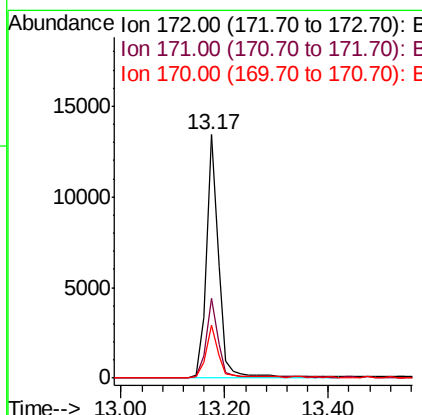
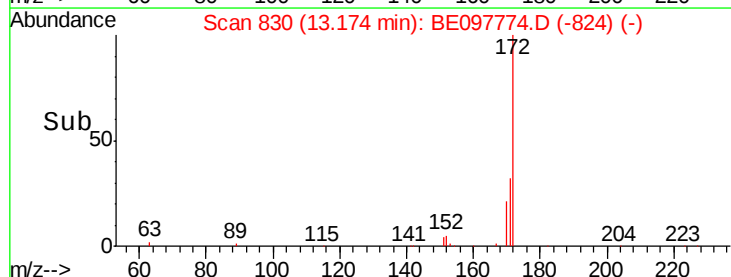
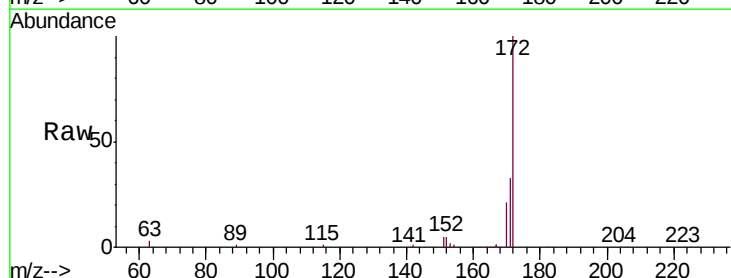
Instrument :
 MSVOA_V
 ClientSampleId :
 TT-DUP03-20181003

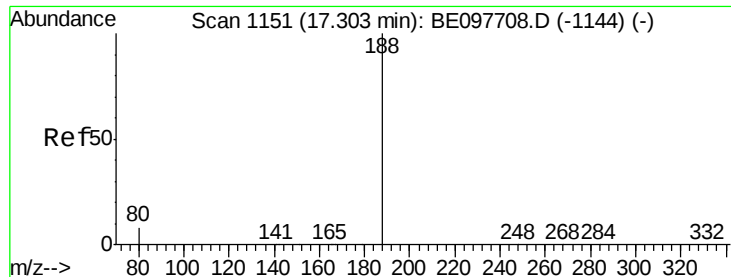
Tgt Ion: 330 Resp: 706
 Ion Ratio Lower Upper
 330 100
 332 100.0 83.5 125.3
 141 41.9 34.9 52.3



#15
 2-Fluorobiphenyl
 Concen: 0.634 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BE097774.D
 Acq: 6 Oct 2018 3:36

Tgt Ion: 172 Resp: 21635
 Ion Ratio Lower Upper
 172 100
 171 32.6 25.2 37.8
 170 21.5 16.2 24.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097774.D

Acq: 6 Oct 2018 3:36

Instrument :

MSVOA_V

ClientSampleId :

TT-DUP03-20181003

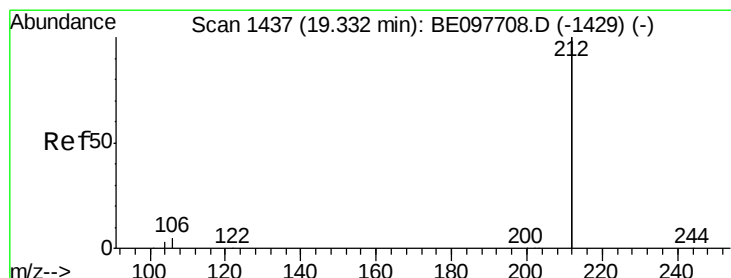
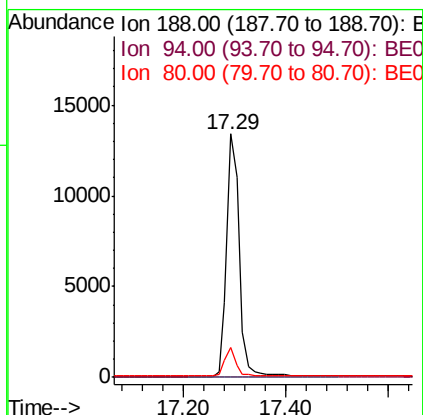
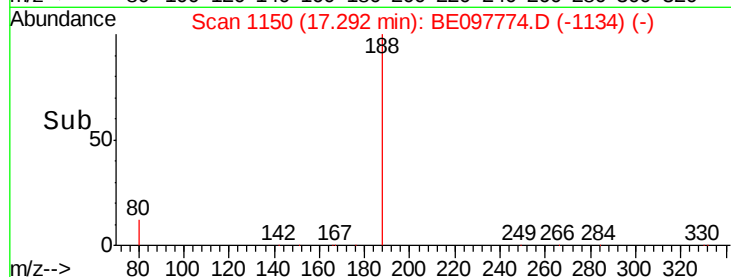
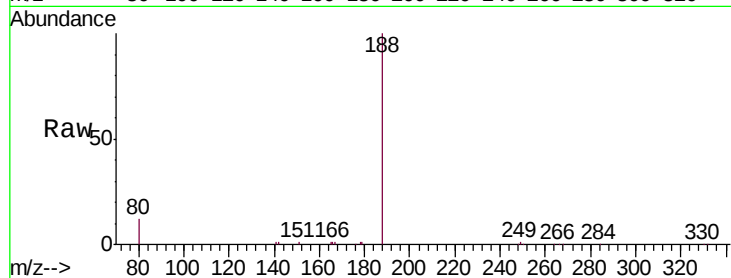
Tgt Ion:188 Resp: 22894

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.3 6.6 9.8#



#25

Fluoranthene-d10

Concen: 0.450 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097774.D

Acq: 6 Oct 2018 3:36

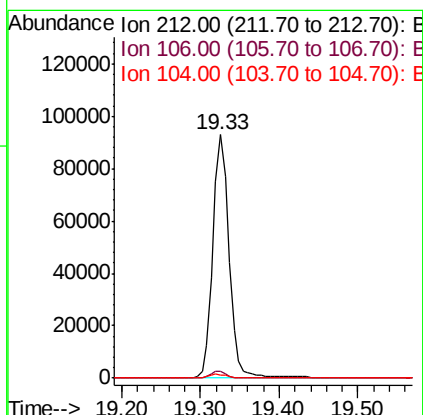
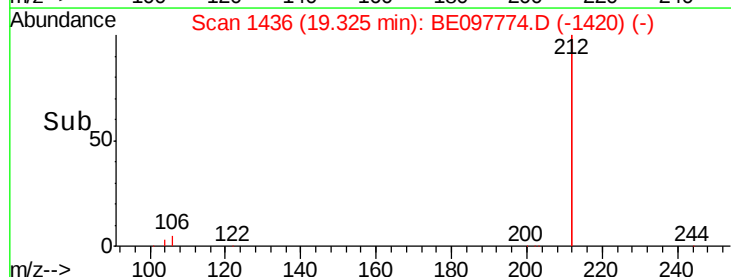
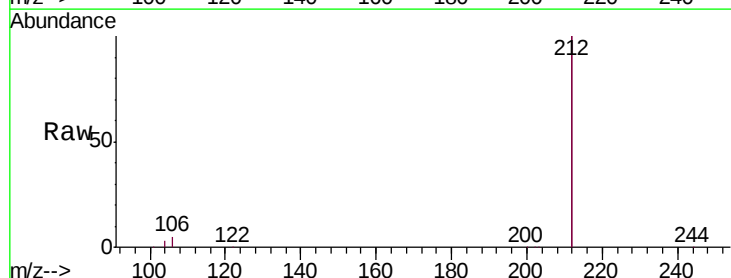
Tgt Ion:212 Resp: 130514

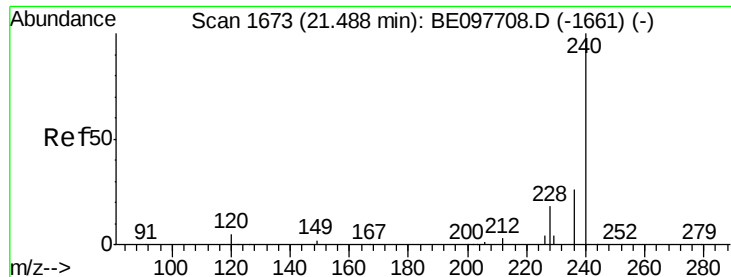
Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

104 1.5 1.2 1.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.47 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097774.D

Acq: 6 Oct 2018 3:36

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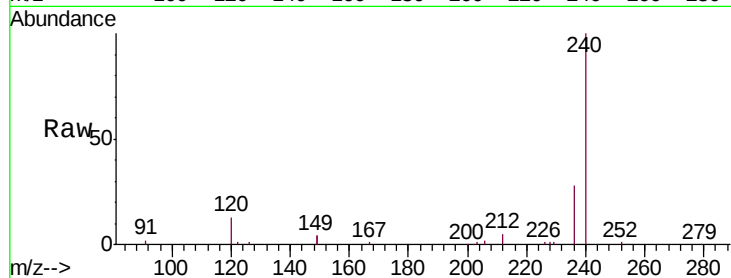
Tgt Ion:240 Resp: 30809

Ion Ratio Lower Upper

240 100

120 12.7 4.7 7.1#

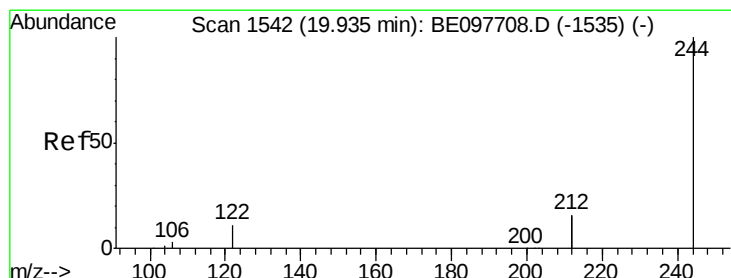
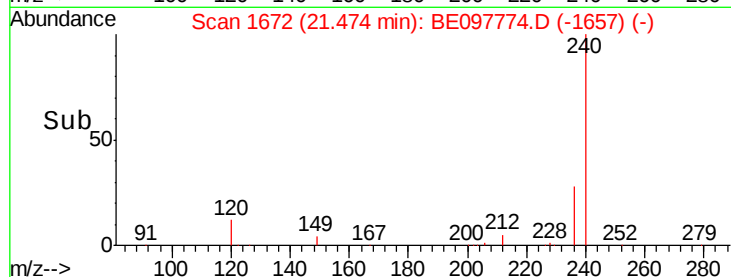
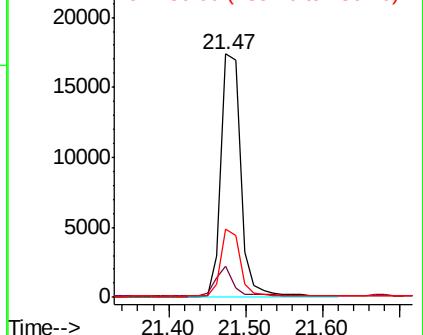
236 28.2 20.8 31.2



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: 0.511 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BE097774.D

Acq: 6 Oct 2018 3:36

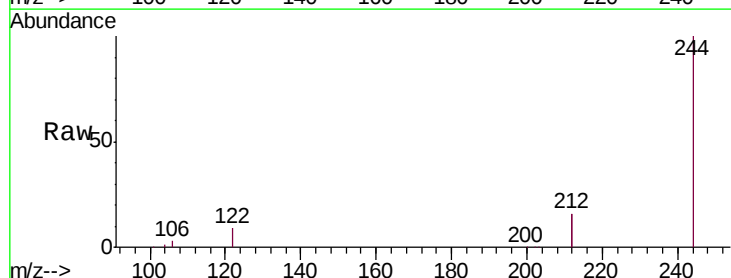
Tgt Ion:244 Resp: 32146

Ion Ratio Lower Upper

244 100

212 31.9 25.8 38.8

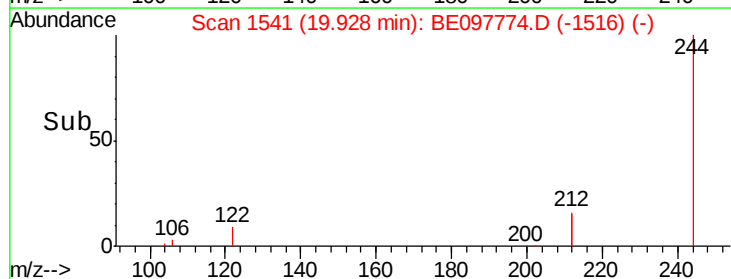
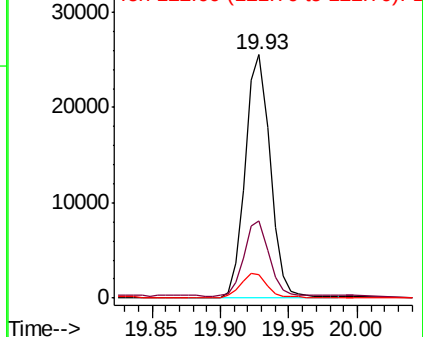
122 9.5 8.7 13.1

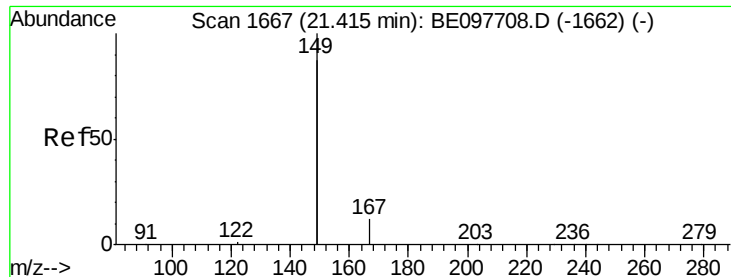


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.243 ng

RT: 21.40 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BE097774.D

Acq: 6 Oct 2018 3:36

Instrument :

MSVOA_V

ClientSampleId :

TT-DUP03-20181003

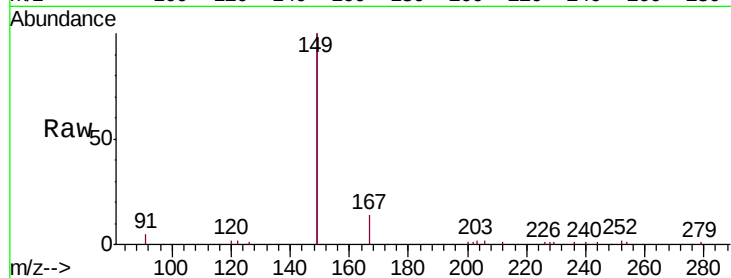
Tgt Ion:149 Resp: 14725

Ion Ratio Lower Upper

149 100

167 7.1 5.5 8.3

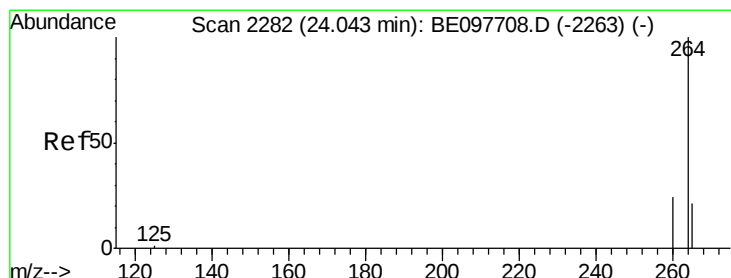
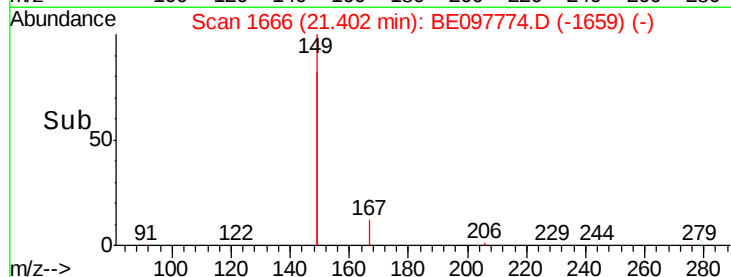
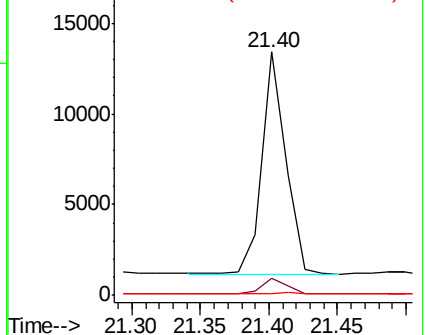
279 1.0 0.9 1.3



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: 24.03 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BE097774.D

Acq: 6 Oct 2018 3:36

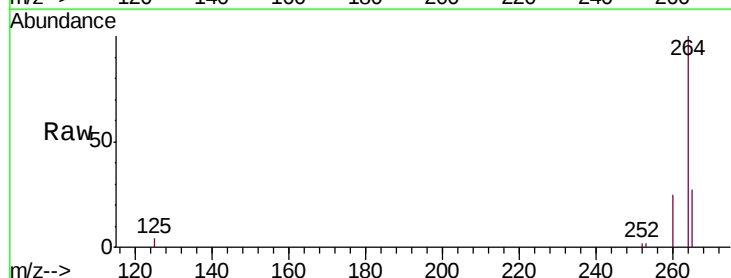
Tgt Ion:264 Resp: 29983

Ion Ratio Lower Upper

264 100

260 25.4 19.1 28.7

265 26.8 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

