

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112219\
 Data File : BE100763.D
 Acq On : 22 Nov 2019 18:21
 Operator : JU
 Sample : K5949-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-191119

Quant Time: Nov 23 04:34:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 22 06:40:44 2019
 Response via : Initial Calibration

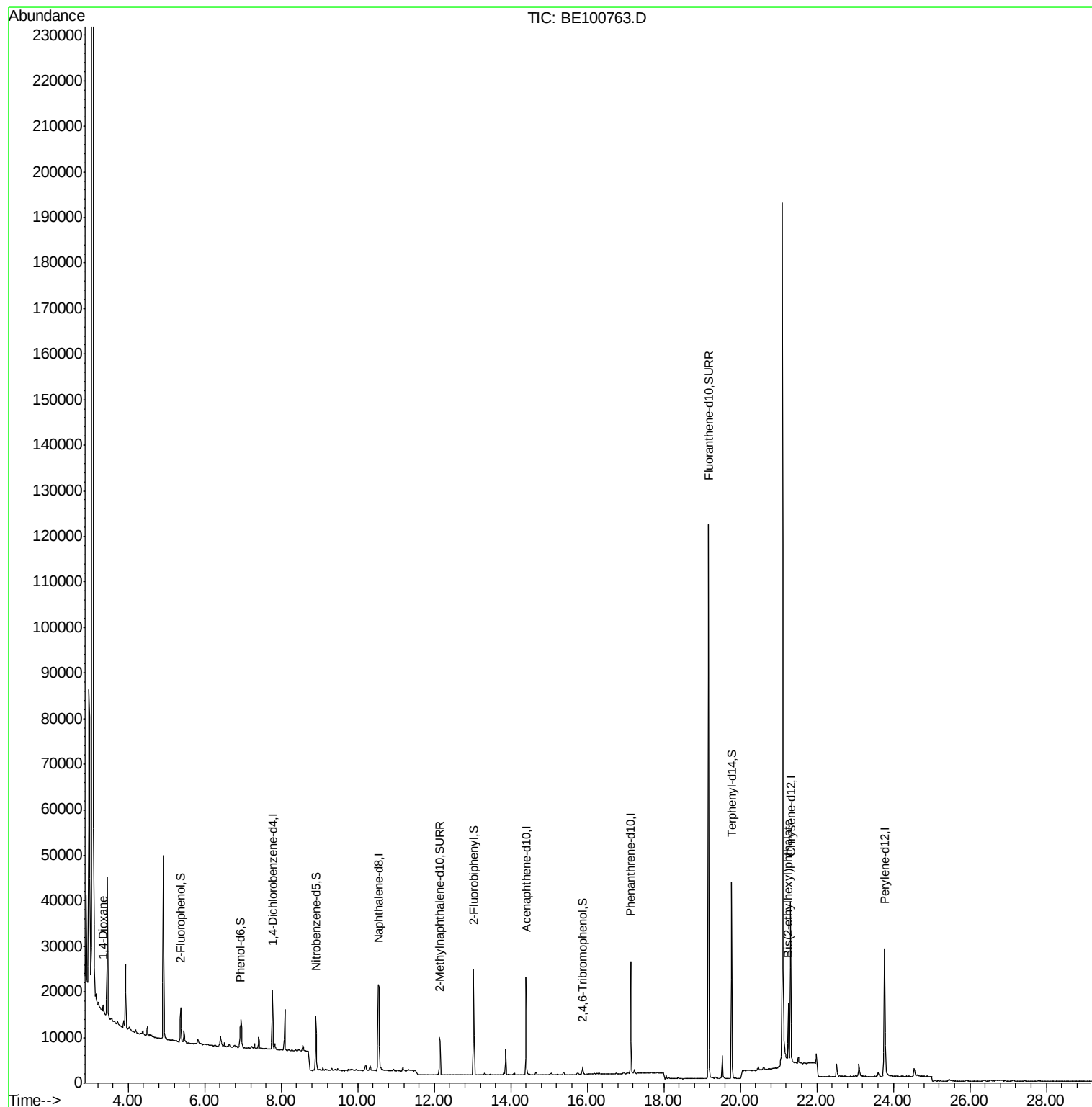
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	5615	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	23607	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	12752	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	31000	0.40	ng	0.00
27) Chrysene-d12	21.32	240	34150	0.40	ng	0.00
34) Perylene-d12	23.77	264	39106	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	3733	0.25	ng	0.00
5) Phenol-d6	6.93	99	4109	0.19	ng	0.00
8) Nitrobenzene-d5	8.90	82	4654	0.61	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	12263	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	981	0.55	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	19316	0.39	ng	0.00
25) Fluoranthene-d10	19.17	212	153873	0.41	ng	0.00
29) Terphenyl-d14	19.77	244	35308	0.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.35	88	1399	0.133	ng	Qvalue # 33
32) Bis(2-ethylhexyl)phthalate	21.26	149	14936	0.046	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: 7.77 min Scan# 426

Delta R.T. -0.00 min

Lab File: BE100763.D

Acq: 22 Nov 2019 18:21

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-191119

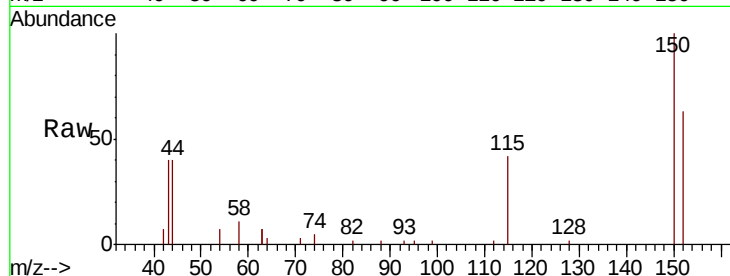
Tot Ion:152 Resp: 5615

Ion Ratio Lower Upper

152 100

150 159.9 127.1 190.7

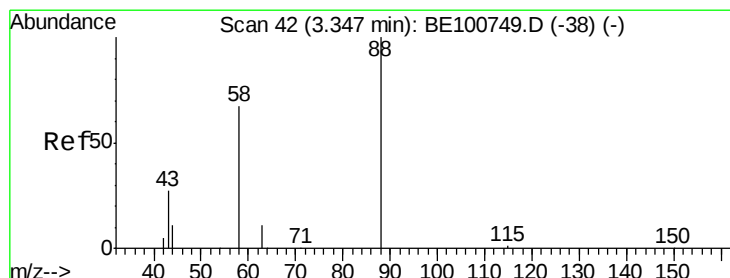
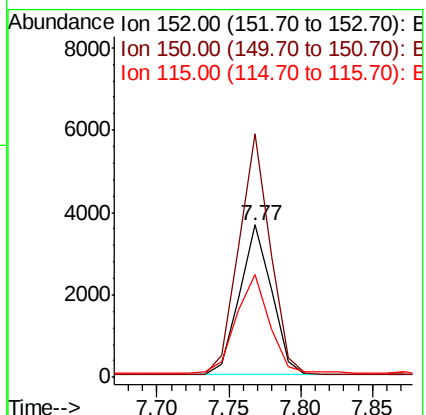
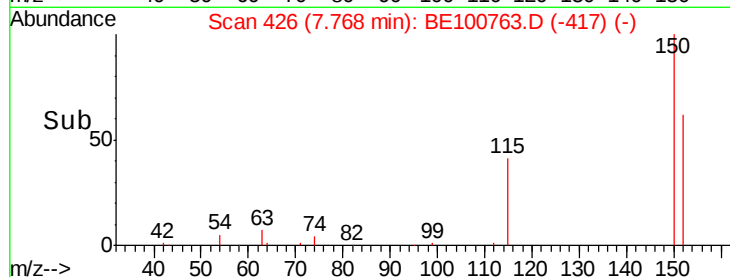
115 67.9 53.0 79.4



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: 0.133 ng

RT: 3.35 min Scan# 42

Delta R.T. -0.00 min

Lab File: BE100763.D

Acq: 22 Nov 2019 18:21

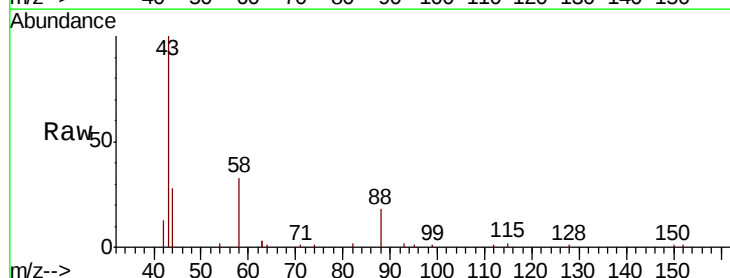
Tgt Ion: 88 Resp: 1399

Ion Ratio Lower Upper

88 100

58 136.2 60.7 91.1#

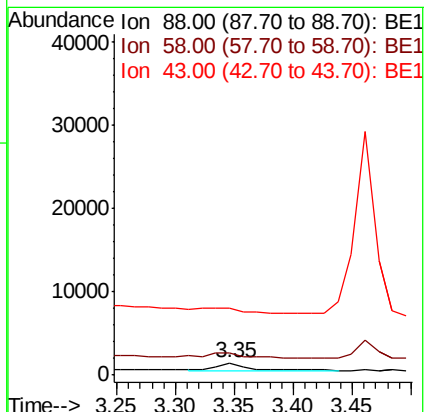
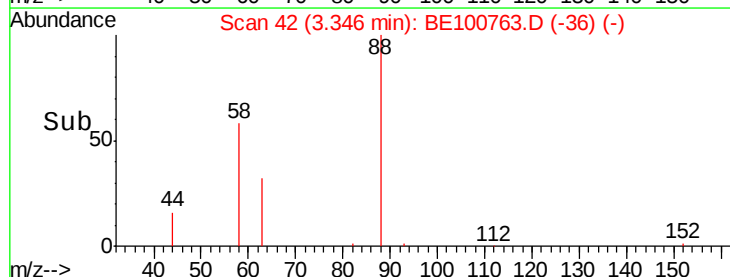
43 0.0 27.4 41.2#

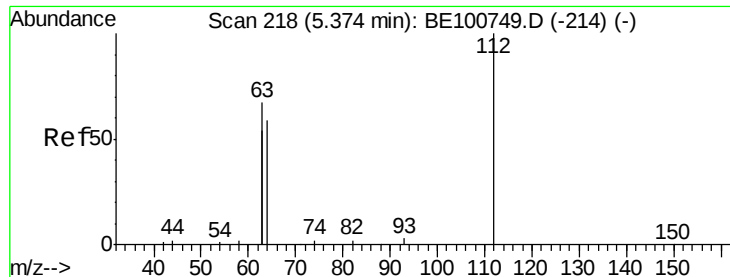


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.246 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE100763.D

Acq: 22 Nov 2019 18:21

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-191119

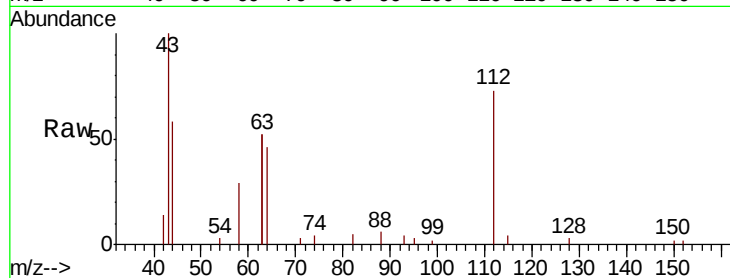
Tot Ion:112 Resp: 3733

Ion Ratio Lower Upper

112 100

64 65.8 54.3 81.5

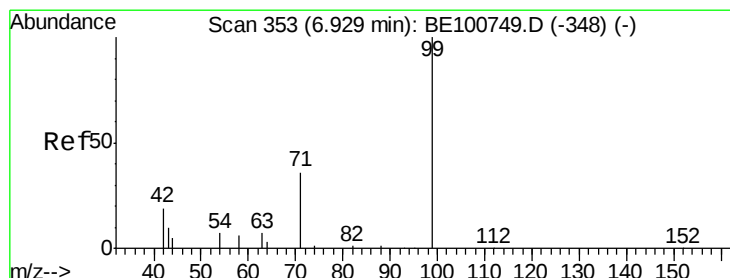
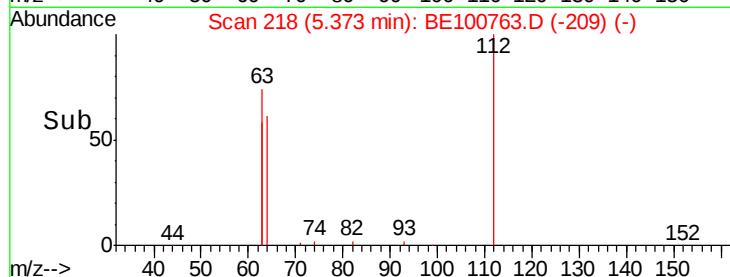
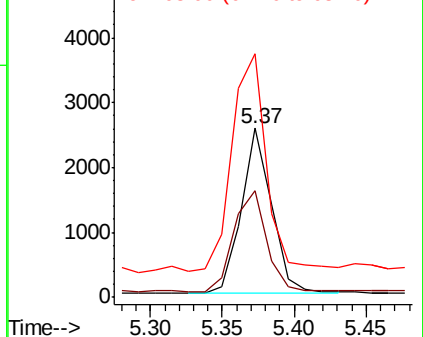
63 155.3 114.0 171.0



Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



#5

Phenol-d6

Concen: 0.186 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100763.D

Acq: 22 Nov 2019 18:21

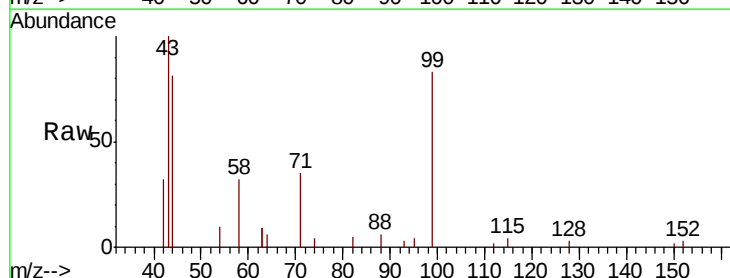
Tgt Ion: 99 Resp: 4109

Ion Ratio Lower Upper

99 100

42 30.5 17.9 26.9#

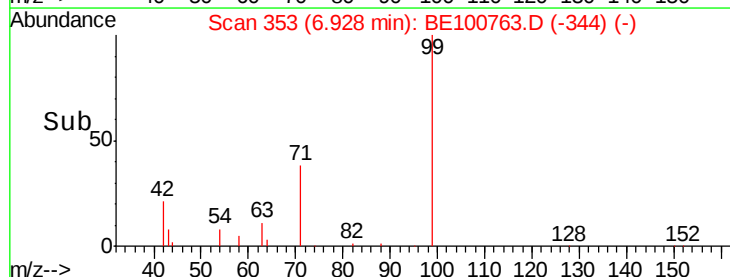
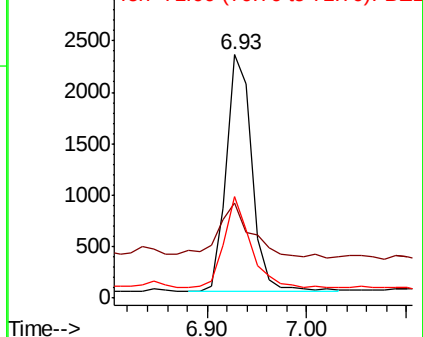
71 39.4 29.3 43.9

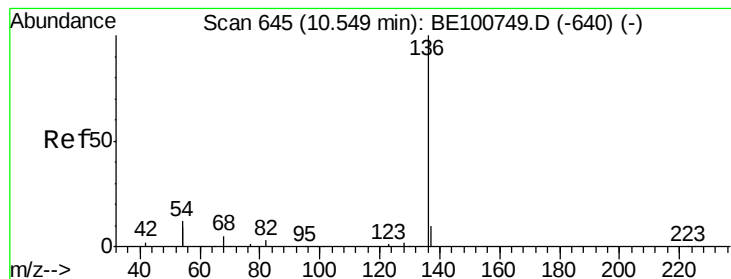


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.55 min Scan# 646

Delta R.T. 0.00 min

Lab File: BE100763.D

Acq: 22 Nov 2019 18:21

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-191119

Tot Ion:136 Resp: 23607

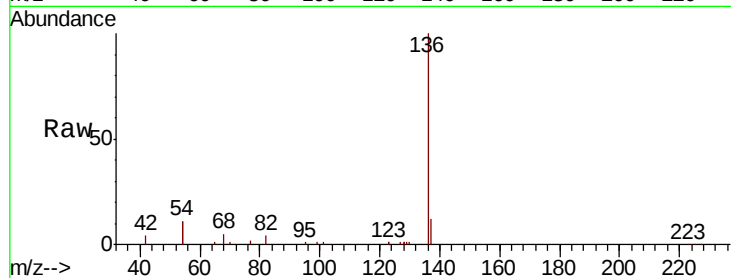
Ion Ratio Lower Upper

136 100

137 11.6 8.6 12.8

54 22.3 19.4 29.0

68 5.4 4.6 6.8

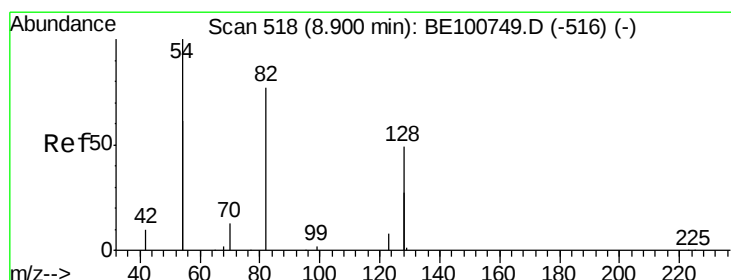
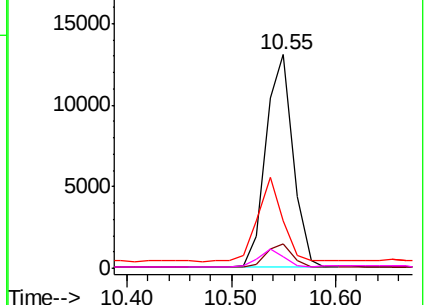
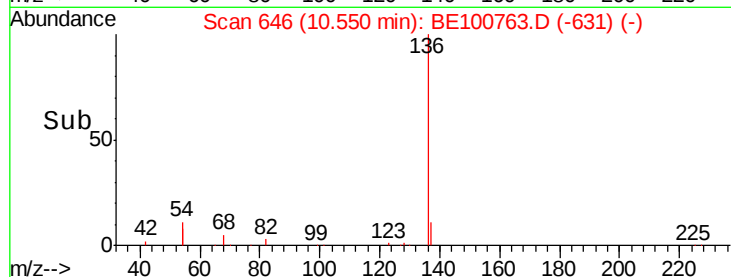


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.615 ng

RT: 8.90 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE100763.D

Acq: 22 Nov 2019 18:21

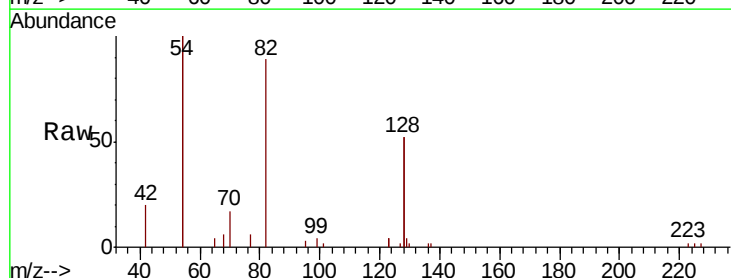
Tgt Ion: 82 Resp: 4654

Ion Ratio Lower Upper

82 100

128 116.5 90.2 135.4

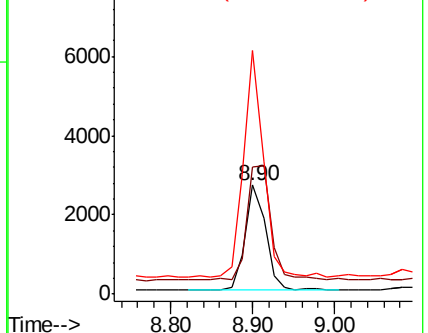
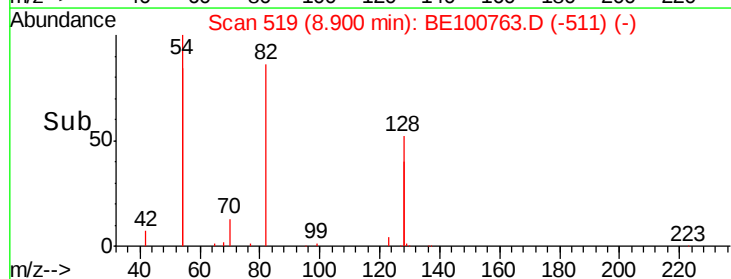
54 223.5 186.0 279.0

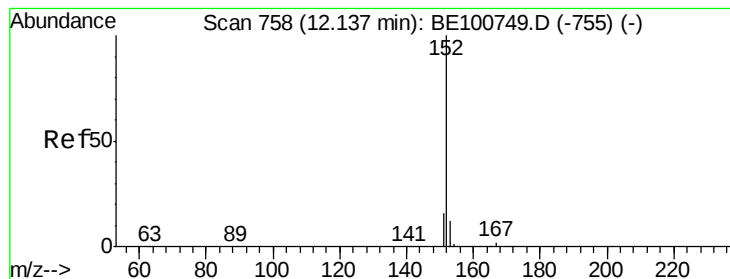


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

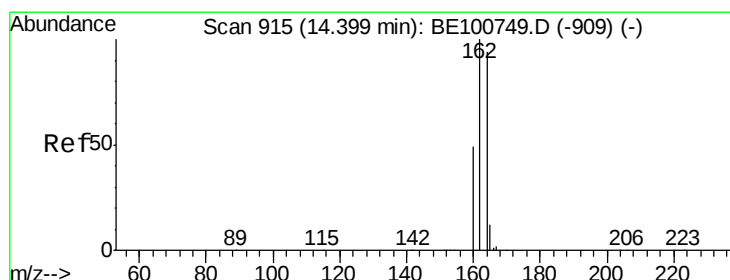
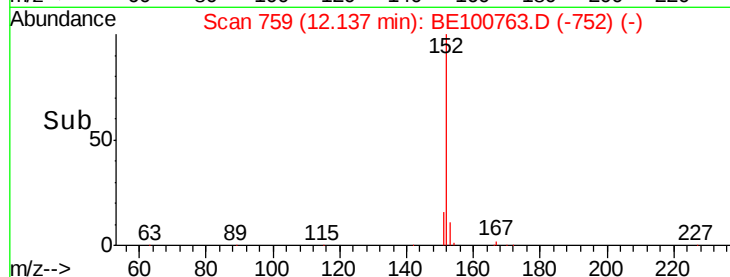
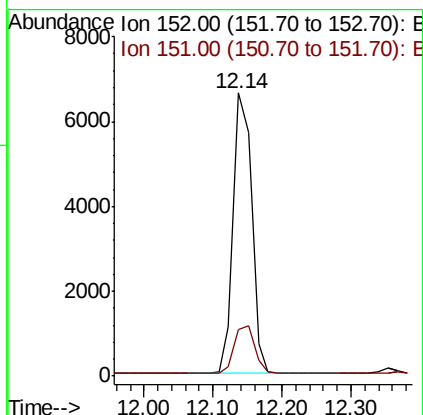
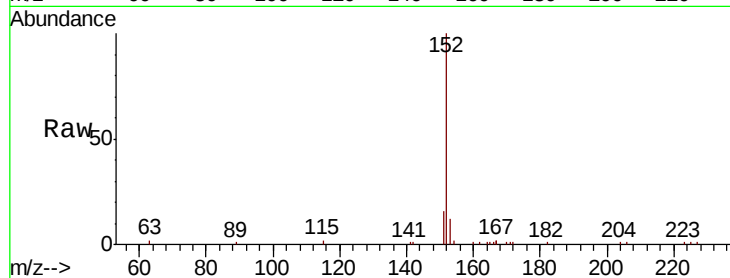




#11
 2-Methylnaphthalene-d10
 Concen: 0.354 ng
 RT: 12.14 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BE100763.D
 Acq: 22 Nov 2019 18:21

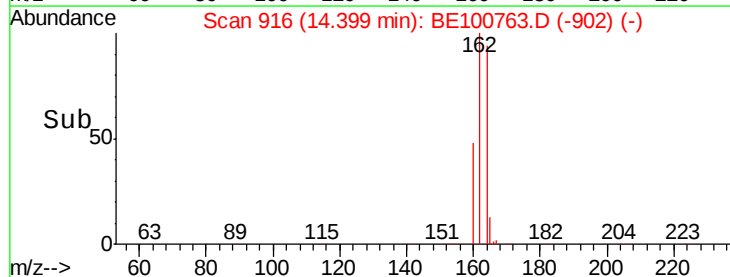
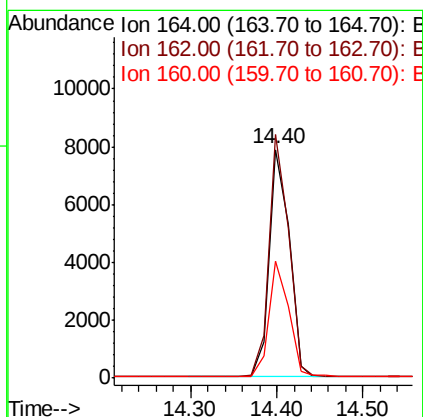
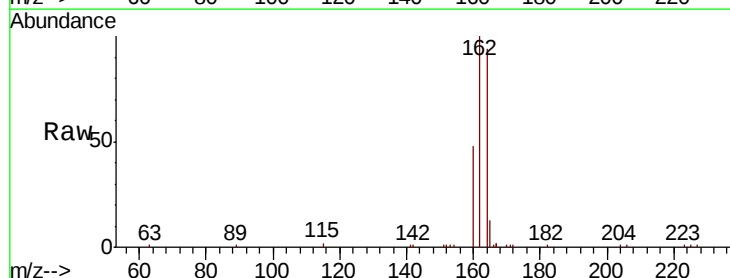
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-191119

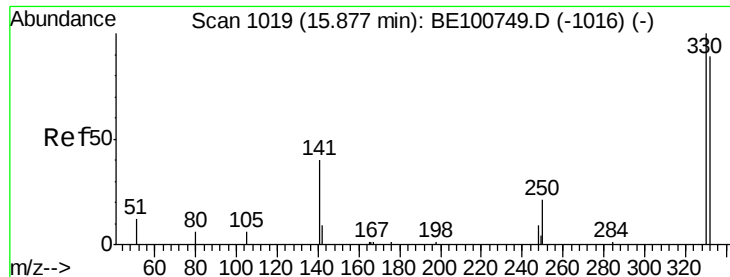
Tot Ion:152 Resp: 12263
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.8 23.8



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.40 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BE100763.D
 Acq: 22 Nov 2019 18:21

Tgt Ion:164 Resp: 12752
 Ion Ratio Lower Upper
 164 100
 162 106.5 84.8 127.2
 160 51.1 42.3 63.5

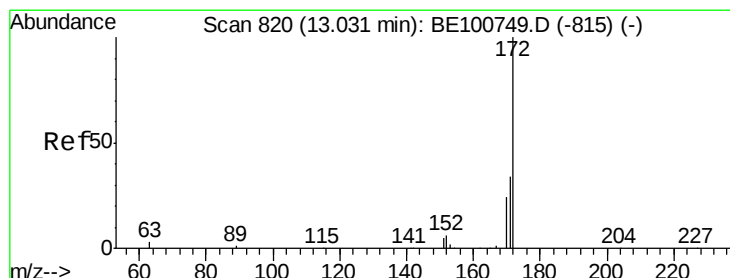
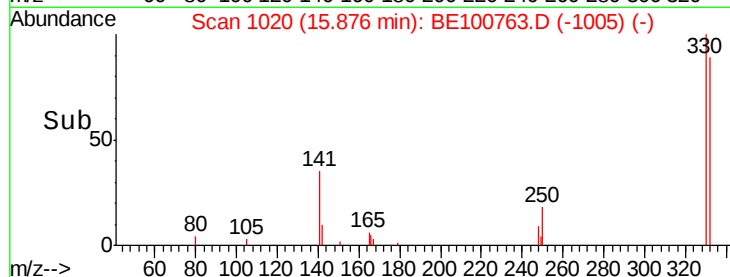
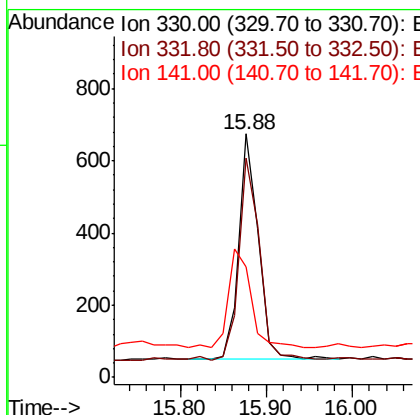
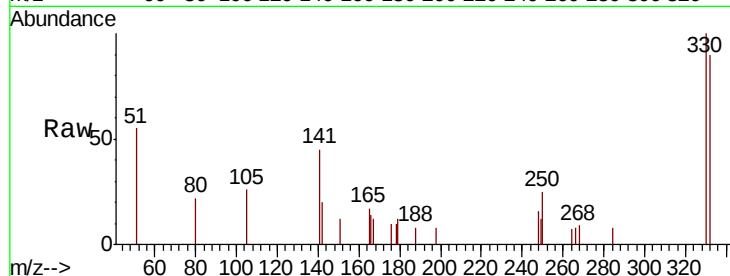




#14
 2,4,6-Tribromophenol
 Concen: 0.546 ng
 RT: 15.88 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BE100763.D
 Acq: 22 Nov 2019 18:21

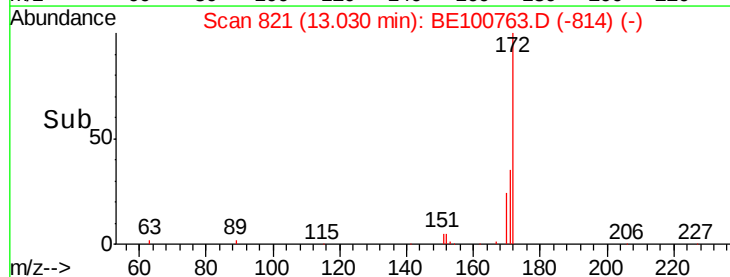
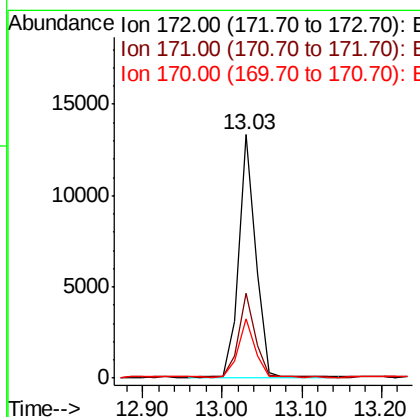
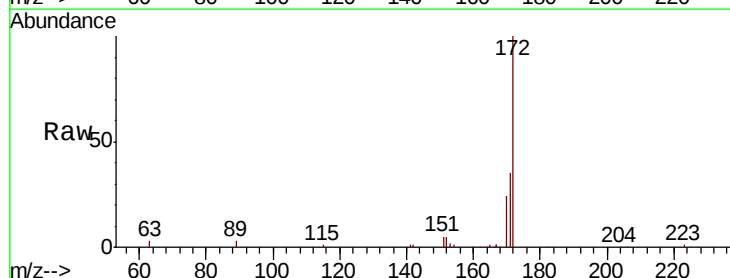
Instrument :
 BNA_E
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 OUTFALL001-191119

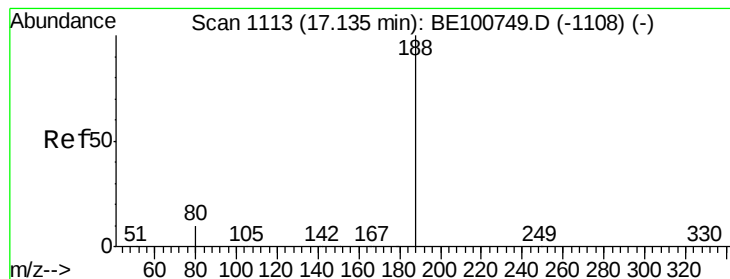
Tot Ion:330 Resp: 981
 Ion Ratio Lower Upper
 330 100
 332 93.5 79.3 118.9
 141 51.4 43.8 65.6



#15
 2-Fluorobiphenyl
 Concen: 0.390 ng
 RT: 13.03 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BE100763.D
 Acq: 22 Nov 2019 18:21

Tgt Ion:172 Resp: 19316
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.8 41.6
 170 24.3 19.4 29.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.13 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BE100763.D

Acq: 22 Nov 2019 18:21

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-191119

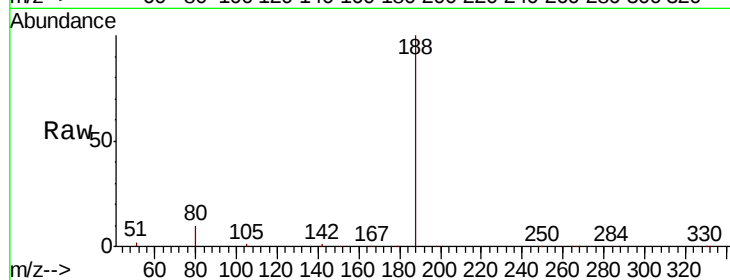
Tot Ion:188 Resp: 31000

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

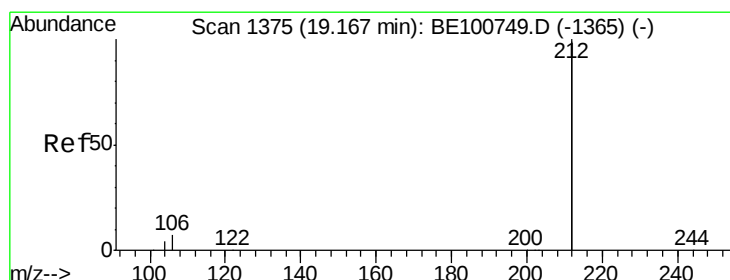
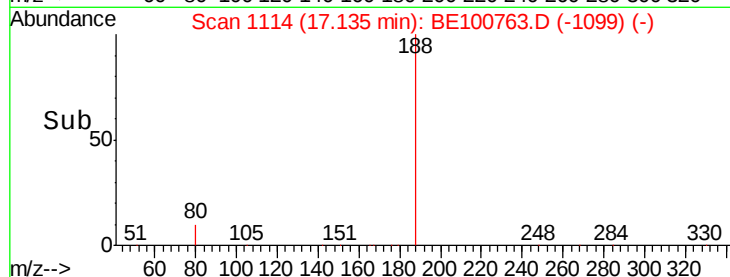
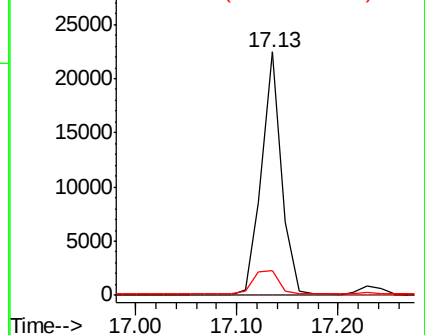
80 10.1 8.2 12.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#25

Fluoranthene-d10

Concen: 0.405 ng

RT: 19.17 min Scan# 1376

Delta R.T. -0.00 min

Lab File: BE100763.D

Acq: 22 Nov 2019 18:21

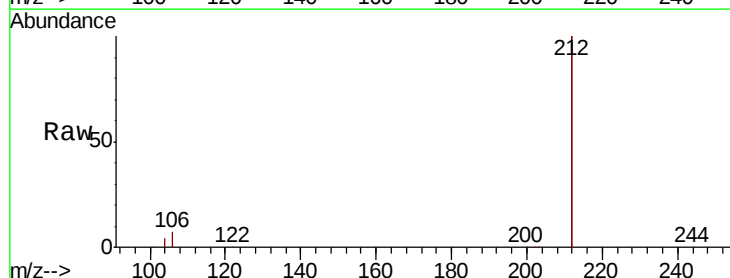
Tgt Ion:212 Resp: 153873

Ion Ratio Lower Upper

212 100

106 3.3 2.6 4.0

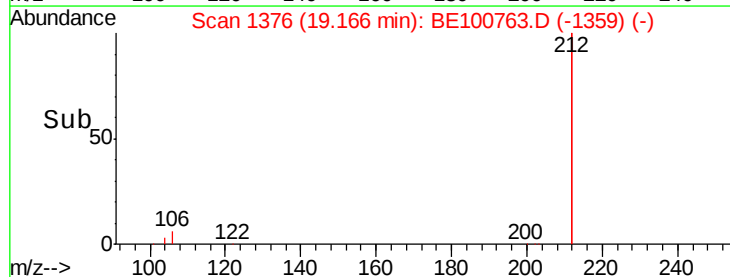
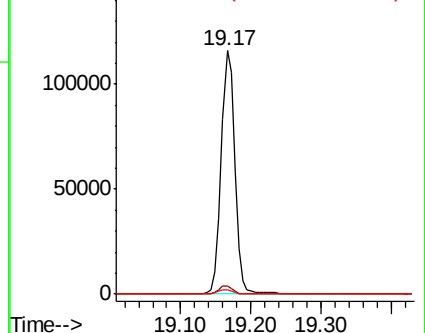
104 1.8 1.5 2.3

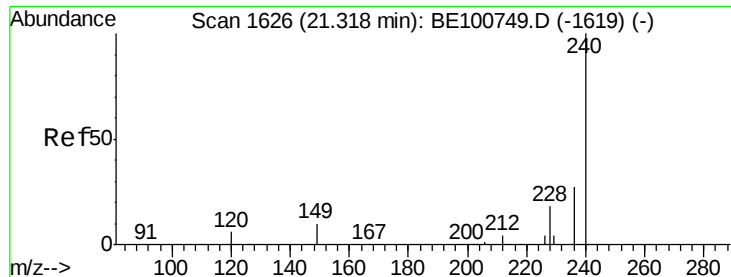


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.32 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100763.D

Acq: 22 Nov 2019 18:21

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-191119

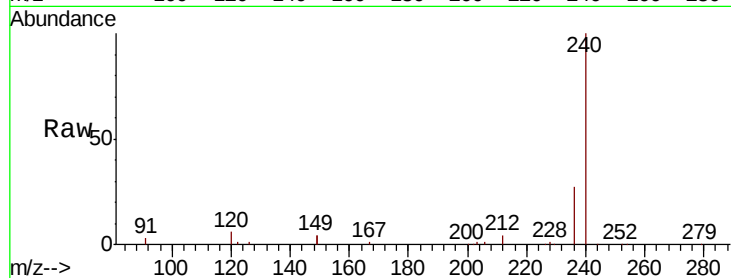
Tot Ion:240 Resp: 34150

Ion Ratio Lower Upper

240 100

120 6.3 5.8 8.8

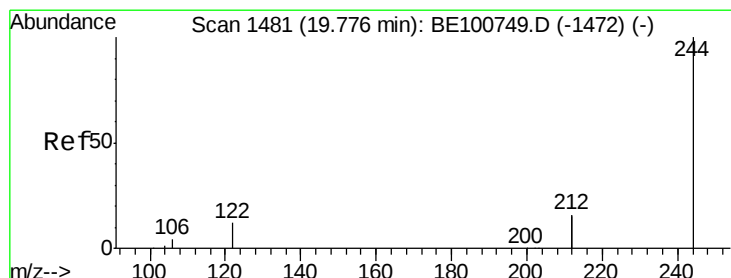
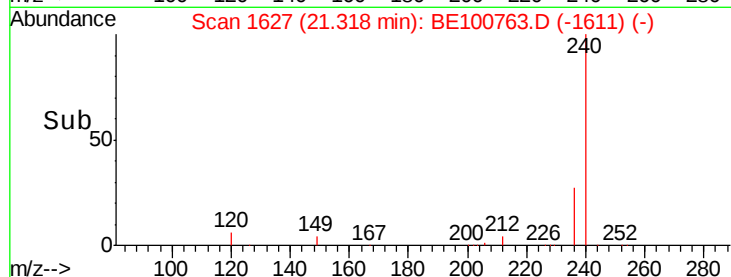
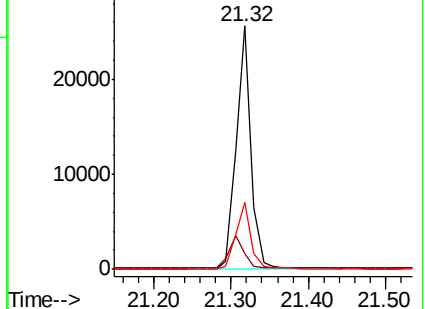
236 27.4 21.9 32.9



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: 0.449 ng

RT: 19.77 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BE100763.D

Acq: 22 Nov 2019 18:21

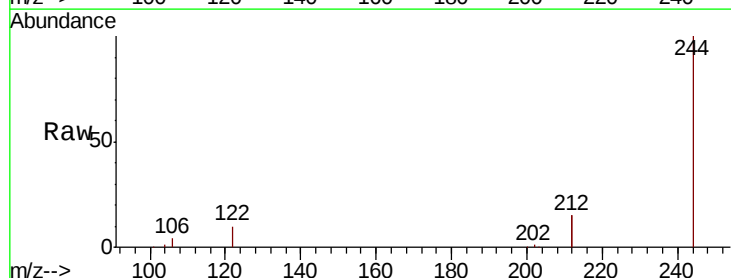
Tgt Ion:244 Resp: 35308

Ion Ratio Lower Upper

244 100

212 30.9 25.2 37.8

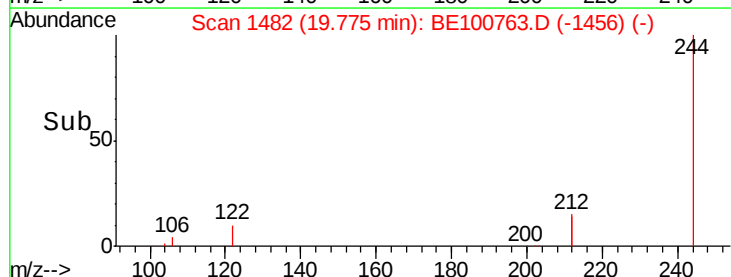
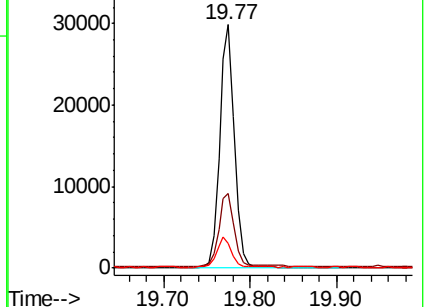
122 10.3 9.8 14.6

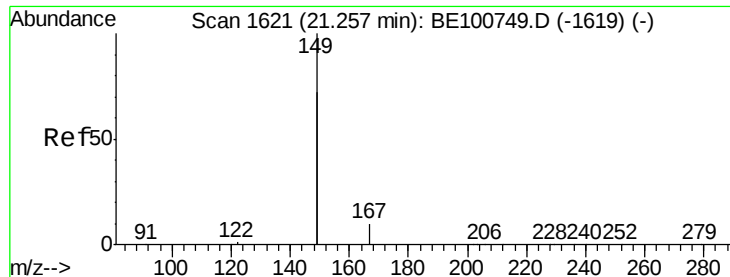


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

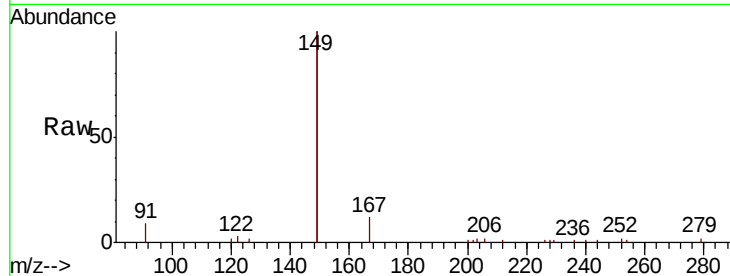




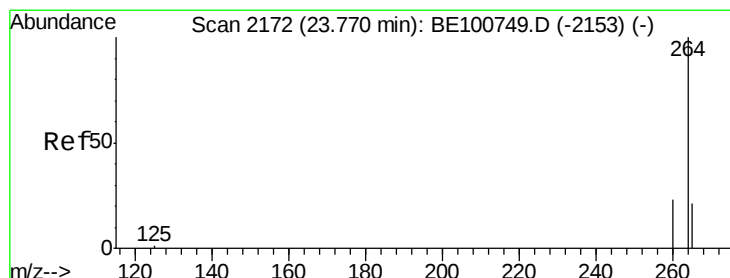
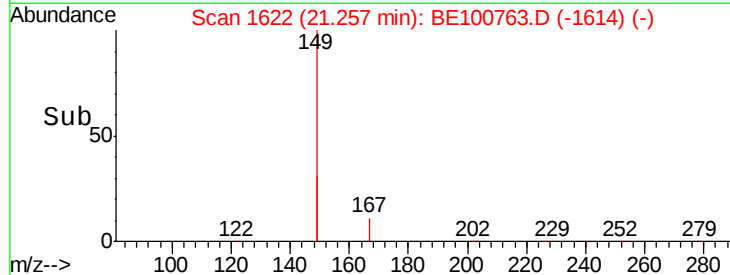
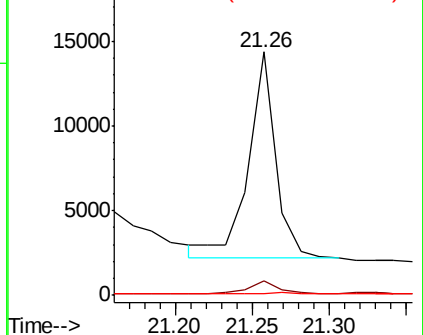
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.046 ng
 RT: 21.26 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BE100763.D
 Acq: 22 Nov 2019 18:21

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-191119

Tot Ion:149 Resp: 14936
 Ion Ratio Lower Upper
 149 100
 167 6.4 5.5 8.3
 279 0.9 0.7 1.1

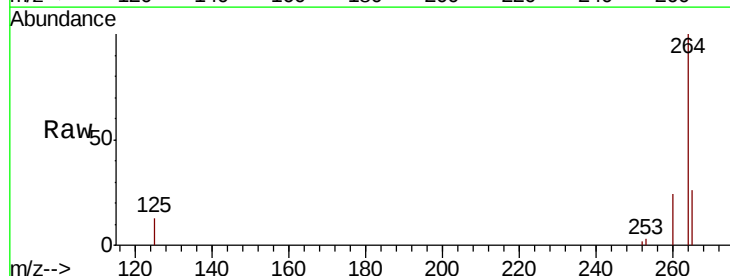


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.77 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: BE100763.D
 Acq: 22 Nov 2019 18:21

Tgt Ion:264 Resp: 39106
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.7 28.1
 265 25.8 22.4 33.6



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

