

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111519\
 Data File : BE100733.D
 Acq On : 15 Nov 2019 12:32
 Operator : JU
 Sample : K5711-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-191105

Quant Time: Nov 15 22:53:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 15 15:55:40 2019
 Response via : Initial Calibration

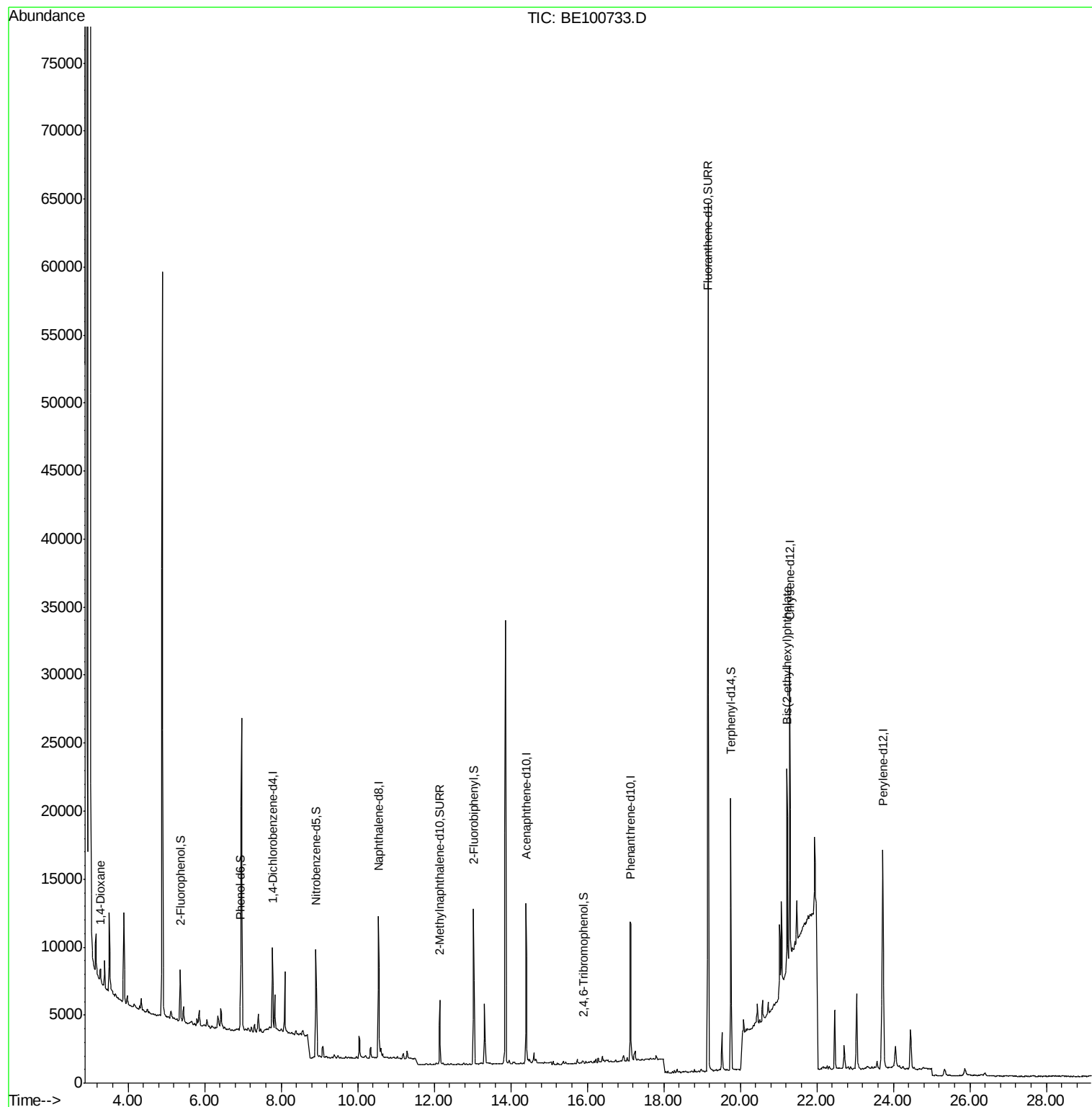
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	2807	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	11439	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	7367	0.40	ng	-0.01
19) Phenanthrene-d10	17.14	188	16883	0.40	ng	0.00
27) Chrysene-d12	21.29	240	21336	0.40	ng	0.00
34) Perylene-d12	23.73	264	23729	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1907	0.23	ng	0.00
5) Phenol-d6	6.94	99	1868	0.16	ng	0.00
8) Nitrobenzene-d5	8.91	82	3050	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.15	152	6273	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.89	330	133	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	10634	0.39	ng	0.00
25) Fluoranthene-d10	19.16	212	82603	0.37	ng	0.00
29) Terphenyl-d14	19.76	244	18638	0.37	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	712	0.146	ng	Qvalue # 1
32) Bis(2-ethylhexyl)phthalate	21.22	149	21751	0.179	ng	100

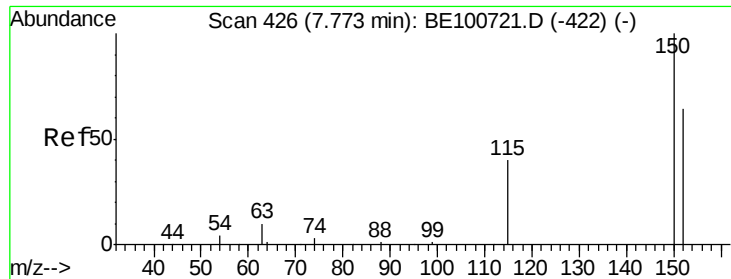
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE100733.D

Acq: 15 Nov 2019 12:32

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-191105

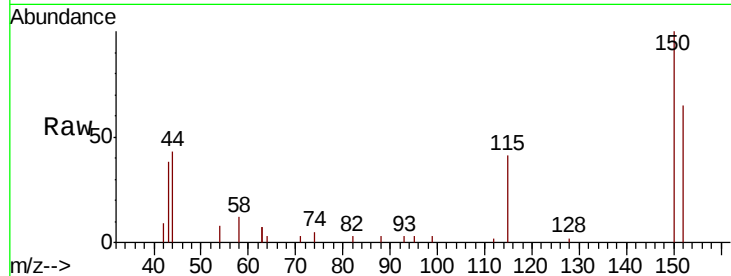
Tot Ion:152 Resp: 2807

Ion Ratio Lower Upper

152 100

150 153.6 123.4 185.0

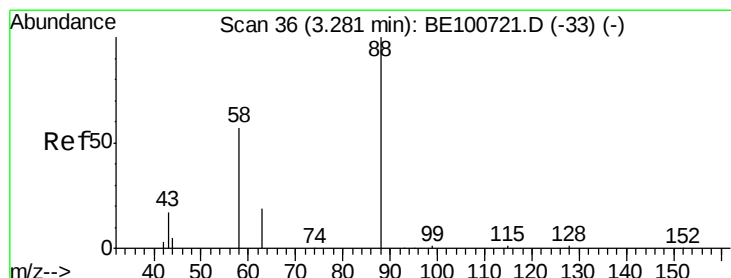
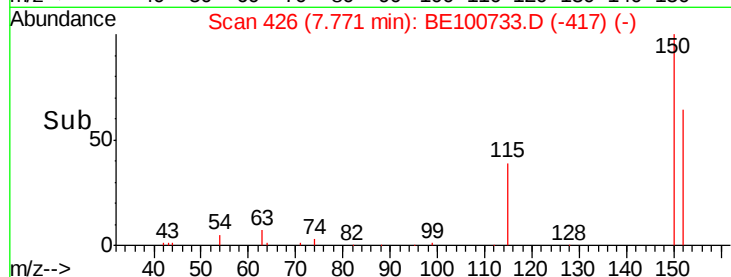
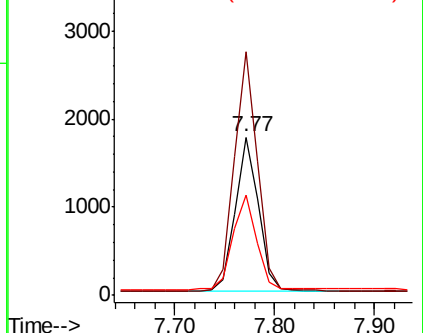
115 63.1 52.1 78.1



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: 0.146 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.00 min

Lab File: BE100733.D

Acq: 15 Nov 2019 12:32

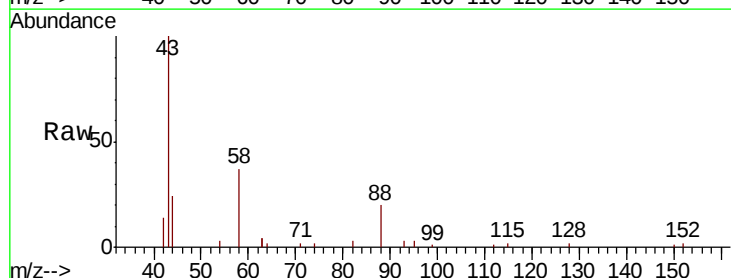
Tgt Ion: 88 Resp: 712

Ion Ratio Lower Upper

88 100

58 121.8 69.8 104.8#

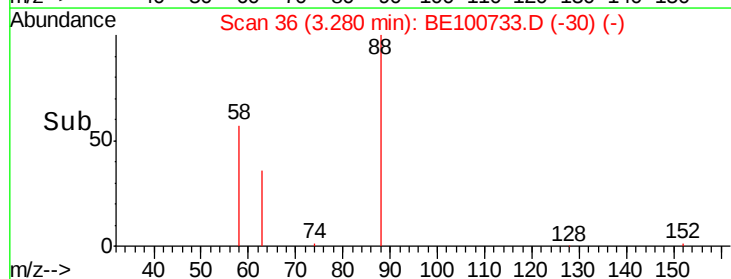
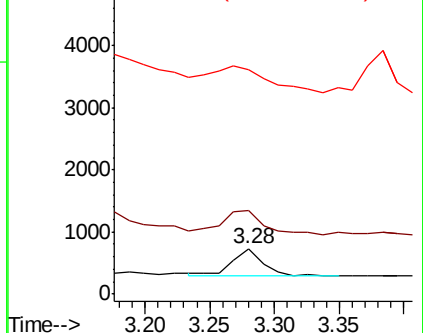
43 199.9 27.0 40.4#

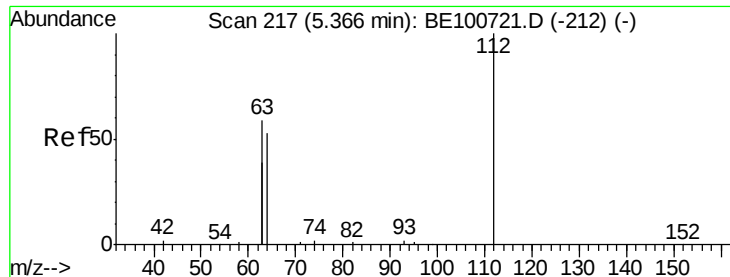


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.233 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.00 min

Lab File: BE100733.D

Acq: 15 Nov 2019 12:32

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-191105

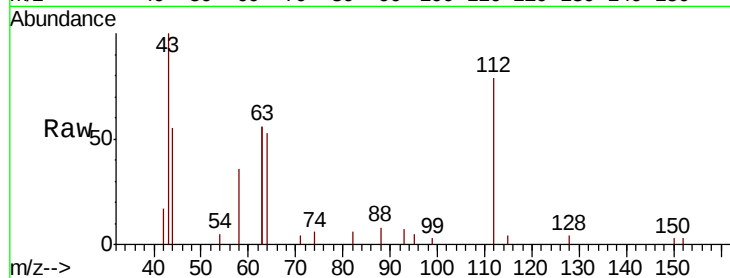
Tot Ion:112 Resp: 1907

Ion Ratio Lower Upper

112 100

64 70.7 58.3 87.5

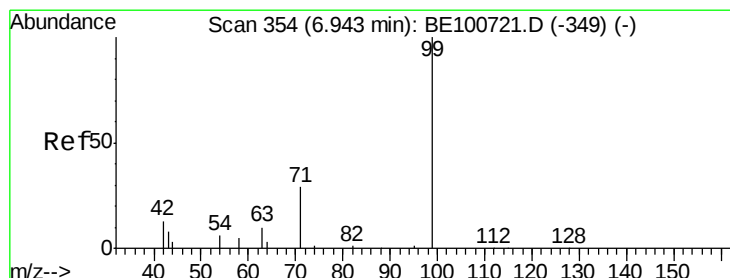
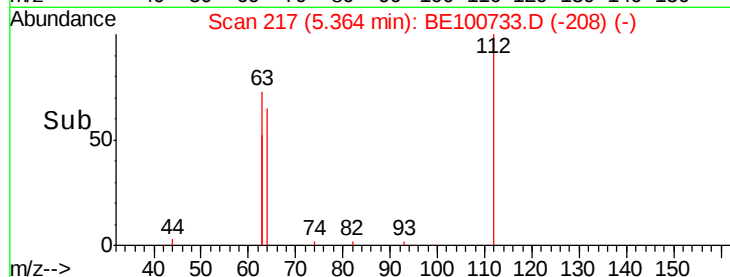
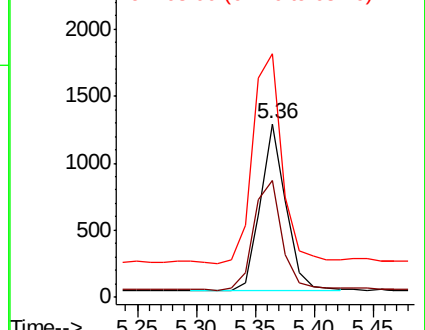
63 143.0 115.4 173.2



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: 0.161 ng

RT: 6.94 min Scan# 354

Delta R.T. -0.00 min

Lab File: BE100733.D

Acq: 15 Nov 2019 12:32

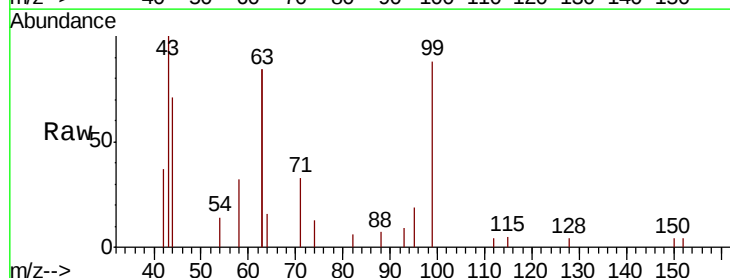
Tgt Ion: 99 Resp: 1868

Ion Ratio Lower Upper

99 100

42 68.3 17.8 26.6#

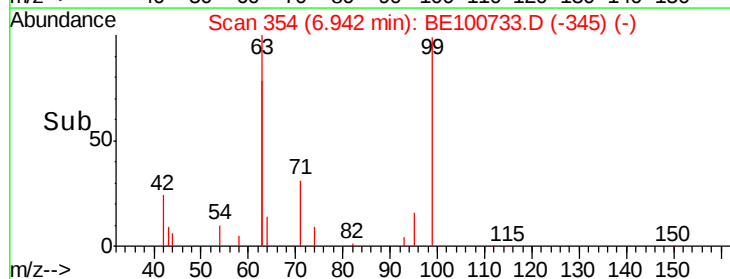
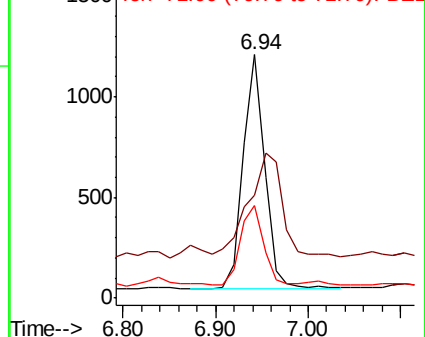
71 36.8 27.3 40.9

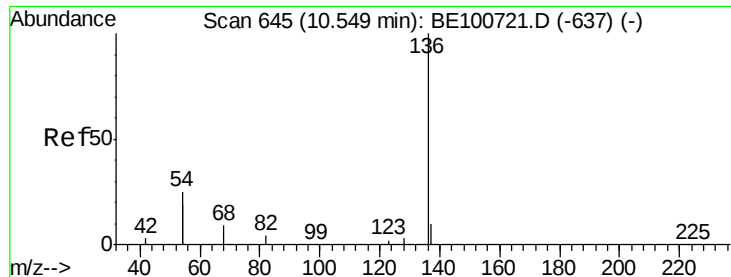


Abundance Ion 99.00 (98.70 to 99.70): BE1

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# 645

Delta R.T. 0.00 min

Lab File: BE100733.D

Acq: 15 Nov 2019 12:32

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-191105

Tot Ion:136 Resp: 11439

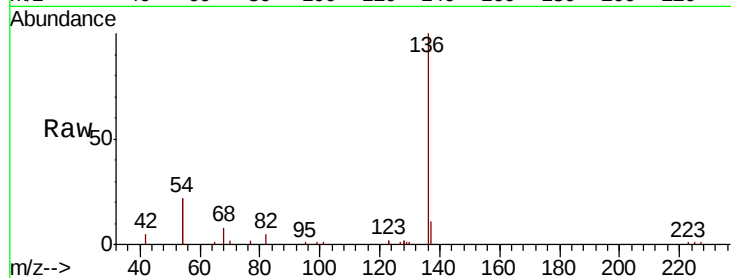
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 43.7 39.0 58.6

68 8.4 7.8 11.8

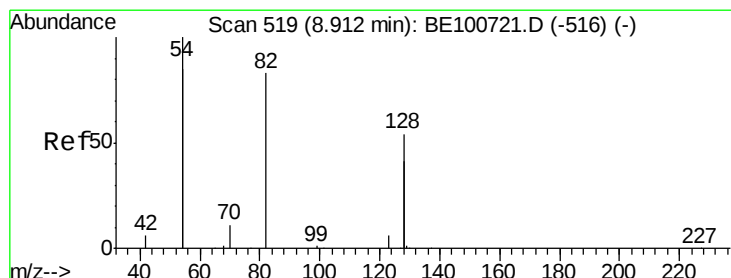
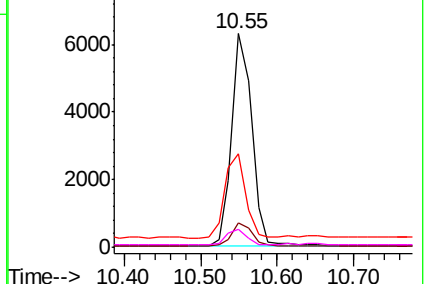
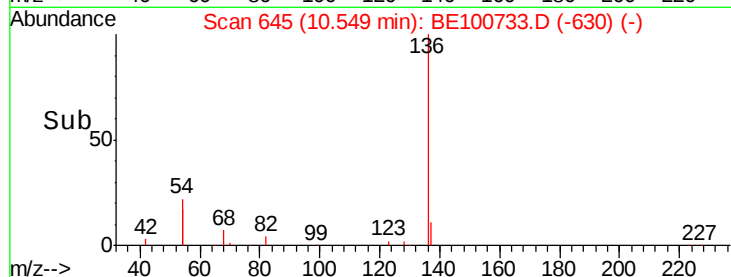


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.314 ng

RT: 8.91 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE100733.D

Acq: 15 Nov 2019 12:32

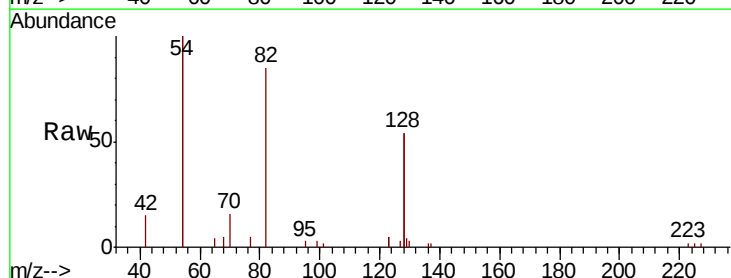
Tgt Ion: 82 Resp: 3050

Ion Ratio Lower Upper

82 100

128 127.4 99.6 149.4

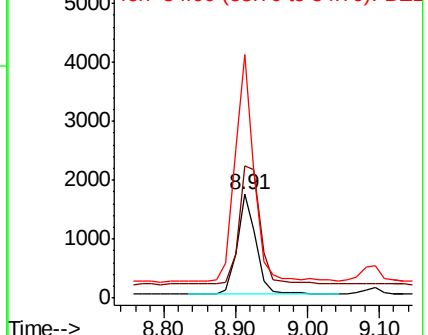
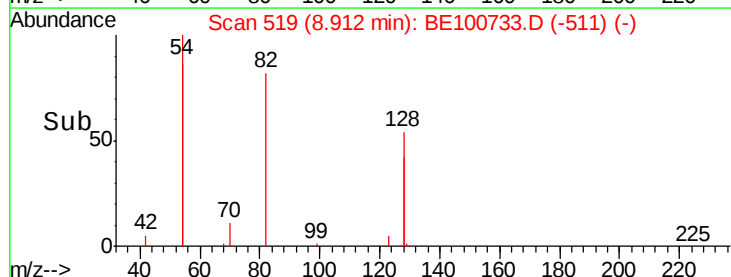
54 235.3 183.8 275.8

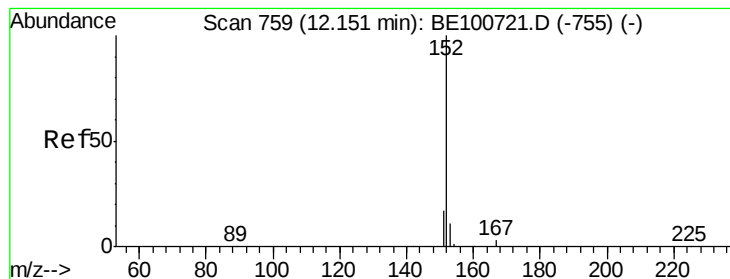


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.344 ng

RT: 12.15 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE100733.D

Acq: 15 Nov 2019 12:32

Instrument :

BNA_E

ClientSampleId :

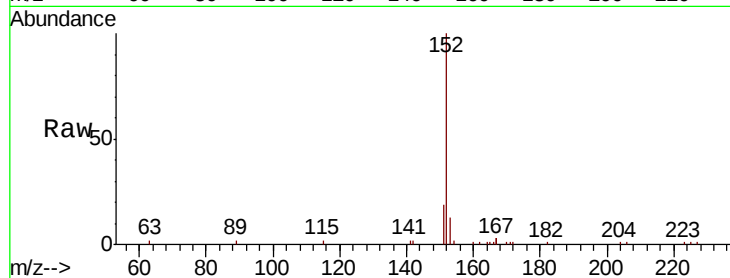
OUTFALL001-191105

Tot Ion:152 Resp: 6273

Ion Ratio Lower Upper

152 100

151 19.5 14.2 21.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.15

4000

3000

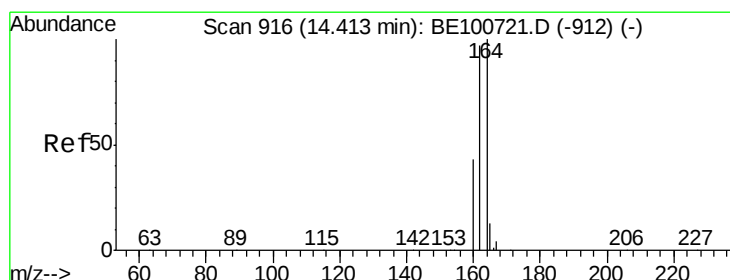
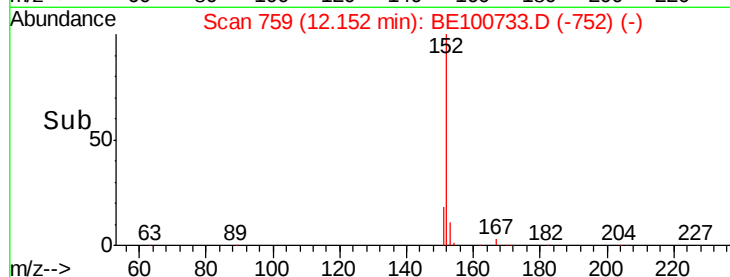
2000

1000

0

Time-->

12.00 12.20 12.40



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. -0.01 min

Lab File: BE100733.D

Acq: 15 Nov 2019 12:32

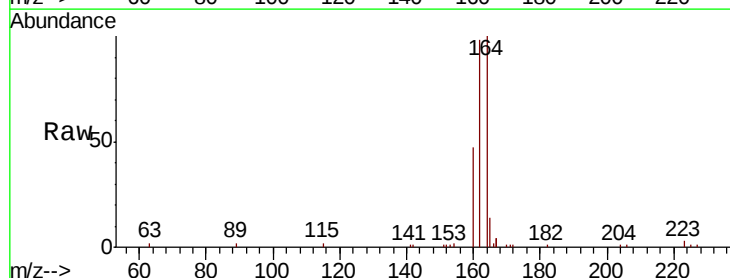
Tgt Ion:164 Resp: 7367

Ion Ratio Lower Upper

164 100

162 98.4 77.8 116.8

160 46.5 35.3 52.9



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

14.40

6000

5000

4000

3000

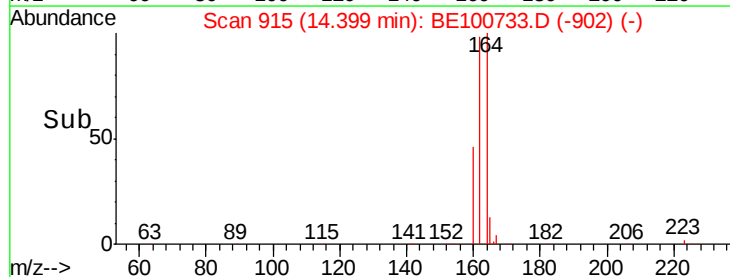
2000

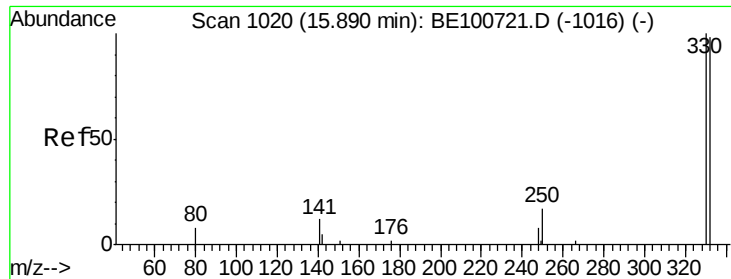
1000

0

Time-->

14.20 14.40 14.60

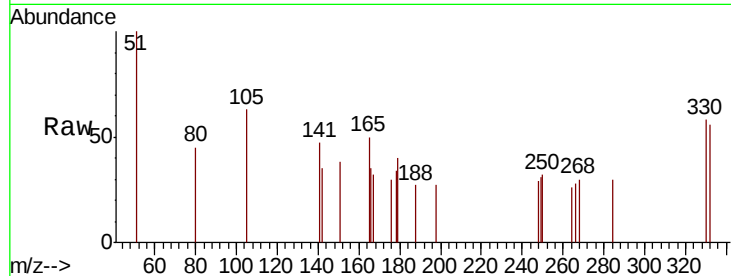




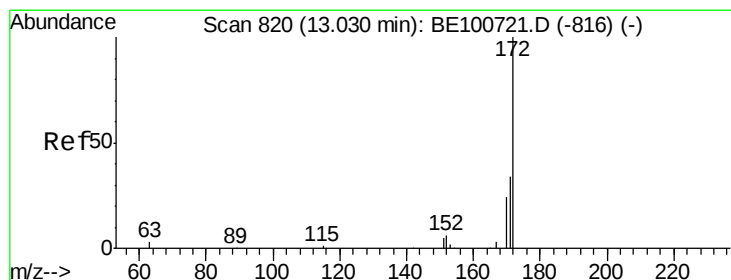
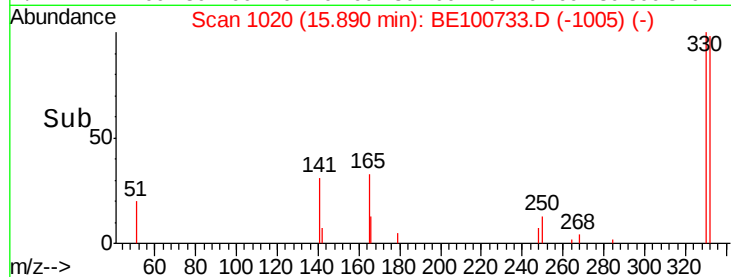
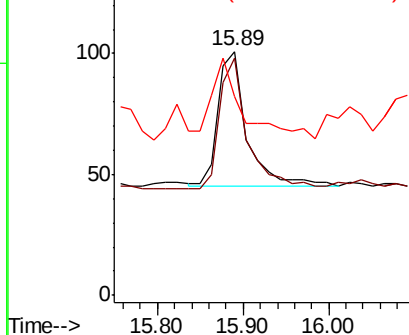
#14
 2,4,6-Tribromophenol
 Concen: 0.267 ng
 RT: 15.89 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BE100733.D
 Acq: 15 Nov 2019 12:32

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-191105

Tot Ion:330 Resp: 133
 Ion Ratio Lower Upper
 330 100
 332 92.5 85.0 127.6
 141 46.6 28.2 42.2#

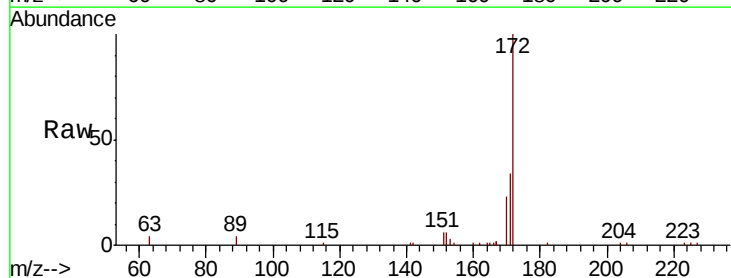


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

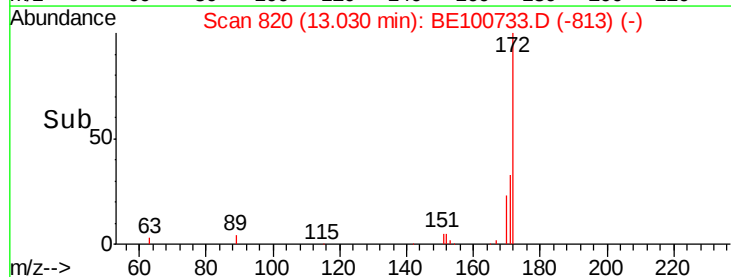
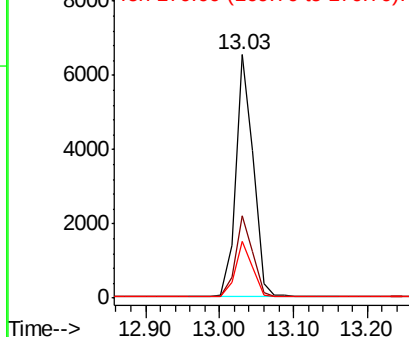


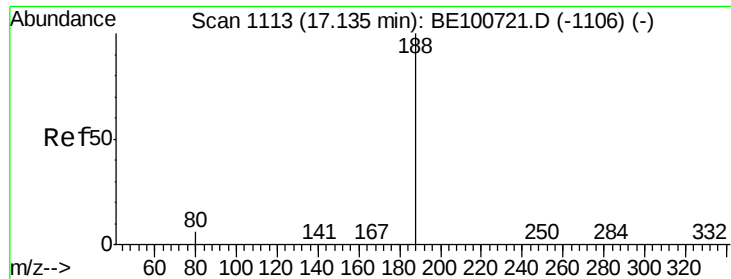
#15
 2-Fluorobiphenyl
 Concen: 0.394 ng
 RT: 13.03 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BE100733.D
 Acq: 15 Nov 2019 12:32

Tgt Ion:172 Resp: 10634
 Ion Ratio Lower Upper
 172 100
 171 33.7 28.1 42.1
 170 23.4 19.8 29.6



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: 17.14 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE100733.D

Acq: 15 Nov 2019 12:32

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-191105

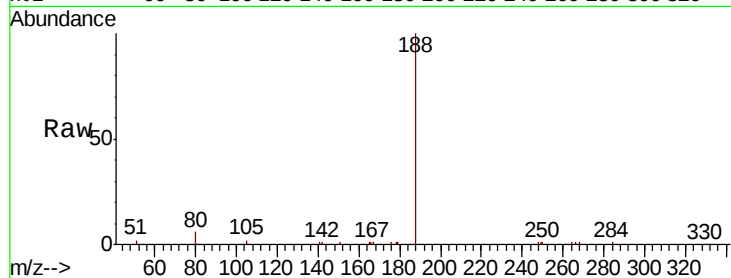
Tot Ion:188 Resp: 16883

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

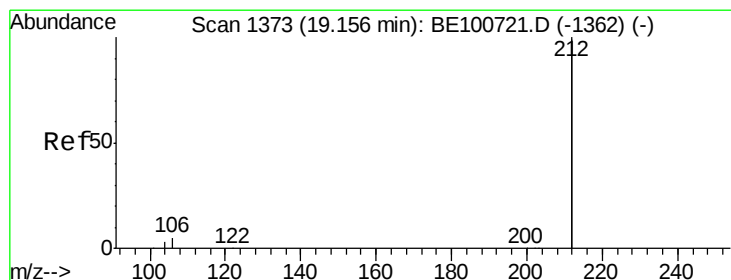
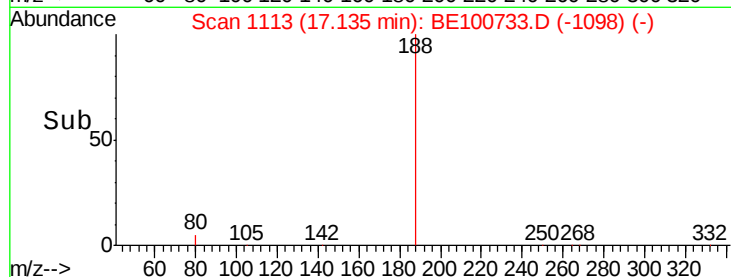
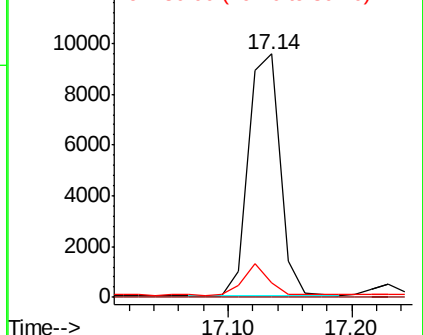
80 6.2 5.4 8.0



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: 0.370 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE100733.D

Acq: 15 Nov 2019 12:32

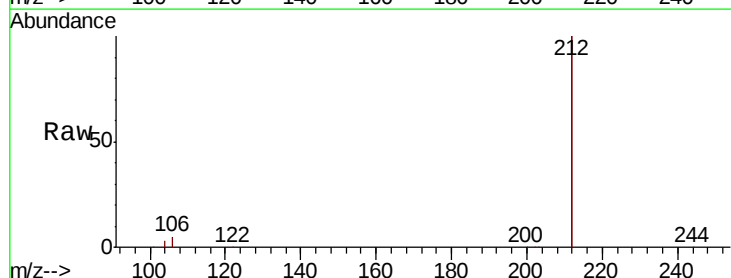
Tgt Ion:212 Resp: 82603

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.4

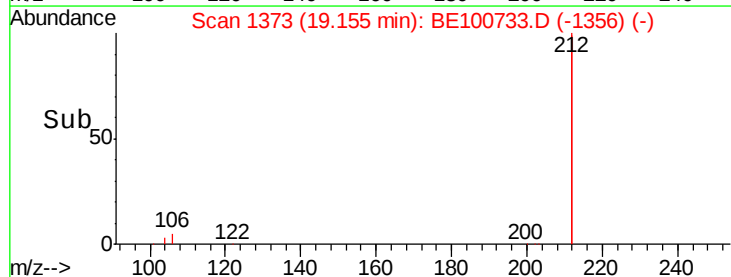
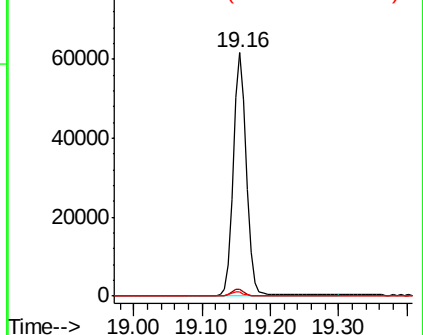
104 1.5 1.2 1.8

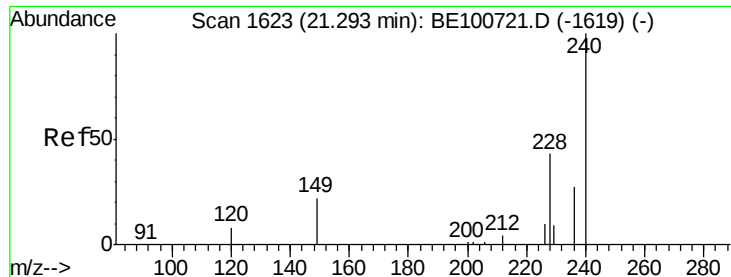


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100733.D

Acq: 15 Nov 2019 12:32

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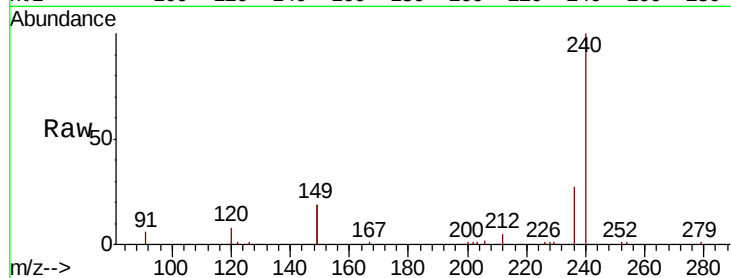
Tot Ion:240 Resp: 21336

Ion Ratio Lower Upper

240 100

120 8.2 7.4 11.0

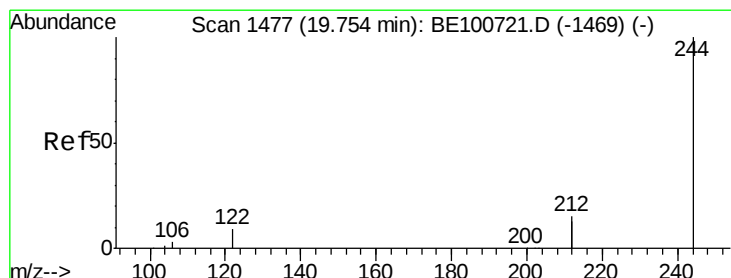
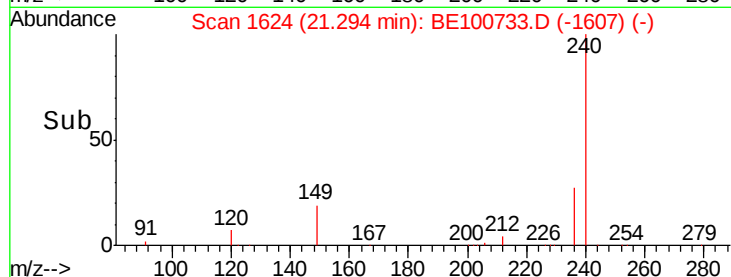
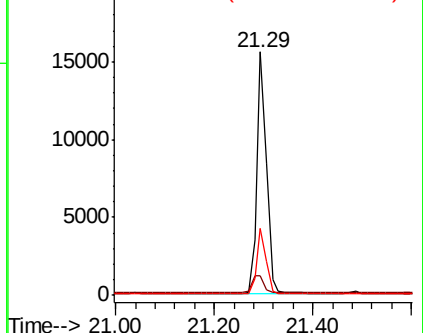
236 27.4 21.8 32.6



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: 0.366 ng

RT: 19.76 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE100733.D

Acq: 15 Nov 2019 12:32

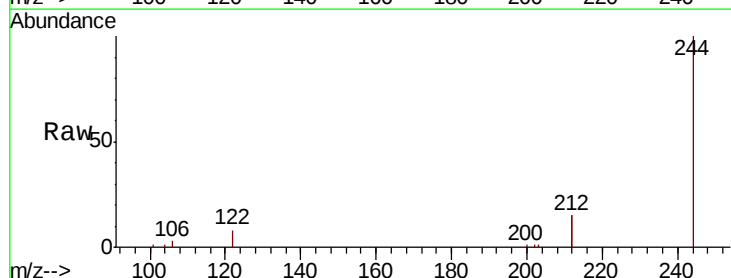
Tgt Ion:244 Resp: 18638

Ion Ratio Lower Upper

244 100

212 29.5 24.3 36.5

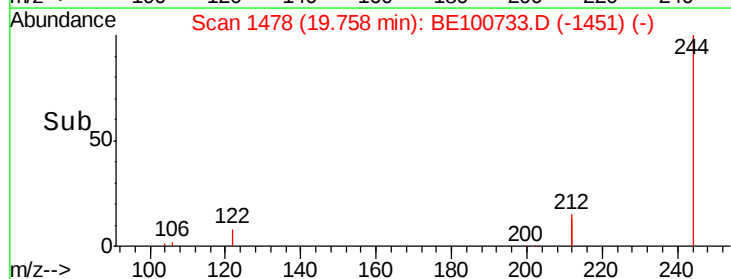
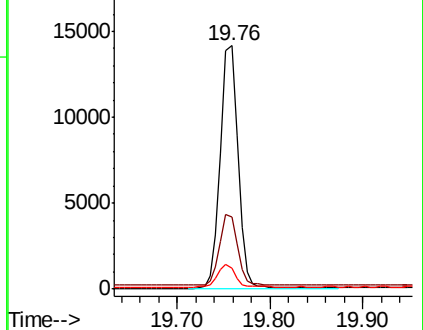
122 8.5 7.6 11.4

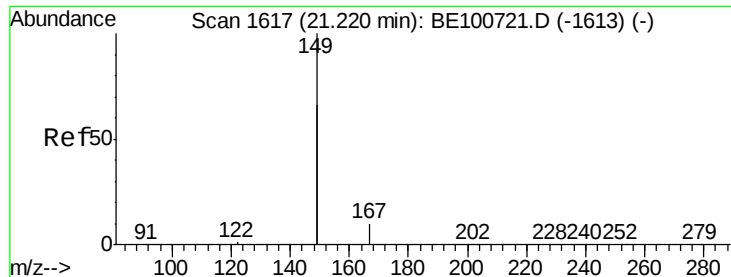


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

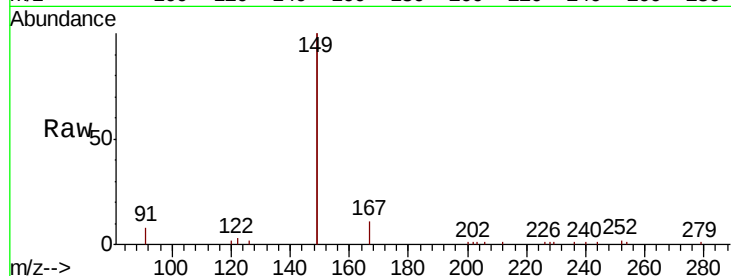




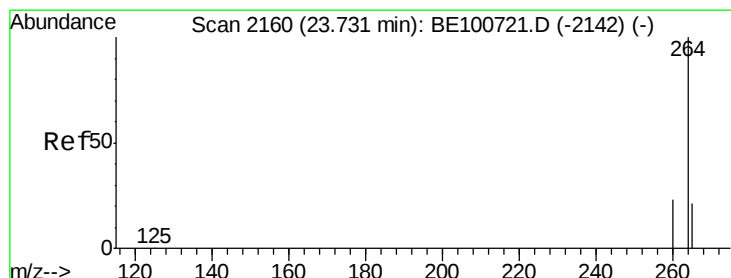
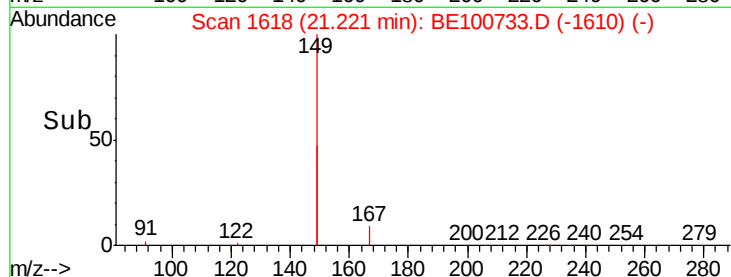
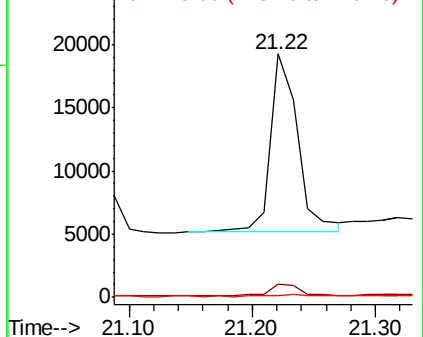
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.179 ng
 RT: 21.22 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BE100733.D
 Acq: 15 Nov 2019 12:32

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-191105

Tot Ion:149 Resp: 21751
 Ion Ratio Lower Upper
 149 100
 167 6.3 5.2 7.8
 279 1.2 0.9 1.3

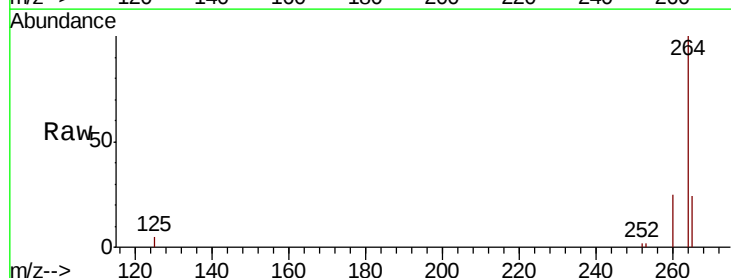


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.73 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BE100733.D
 Acq: 15 Nov 2019 12:32

Tgt Ion:264 Resp: 23729
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.1 28.7
 265 24.0 19.7 29.5



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

