

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051718\
 Data File : BE096614.D
 Acq On : 17 May 2018 17:48
 Operator : SJ/JU
 Sample : J2940-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180515

Quant Time: May 18 07:09:11 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 15 13:02:03 2018
 Response via : Initial Calibration

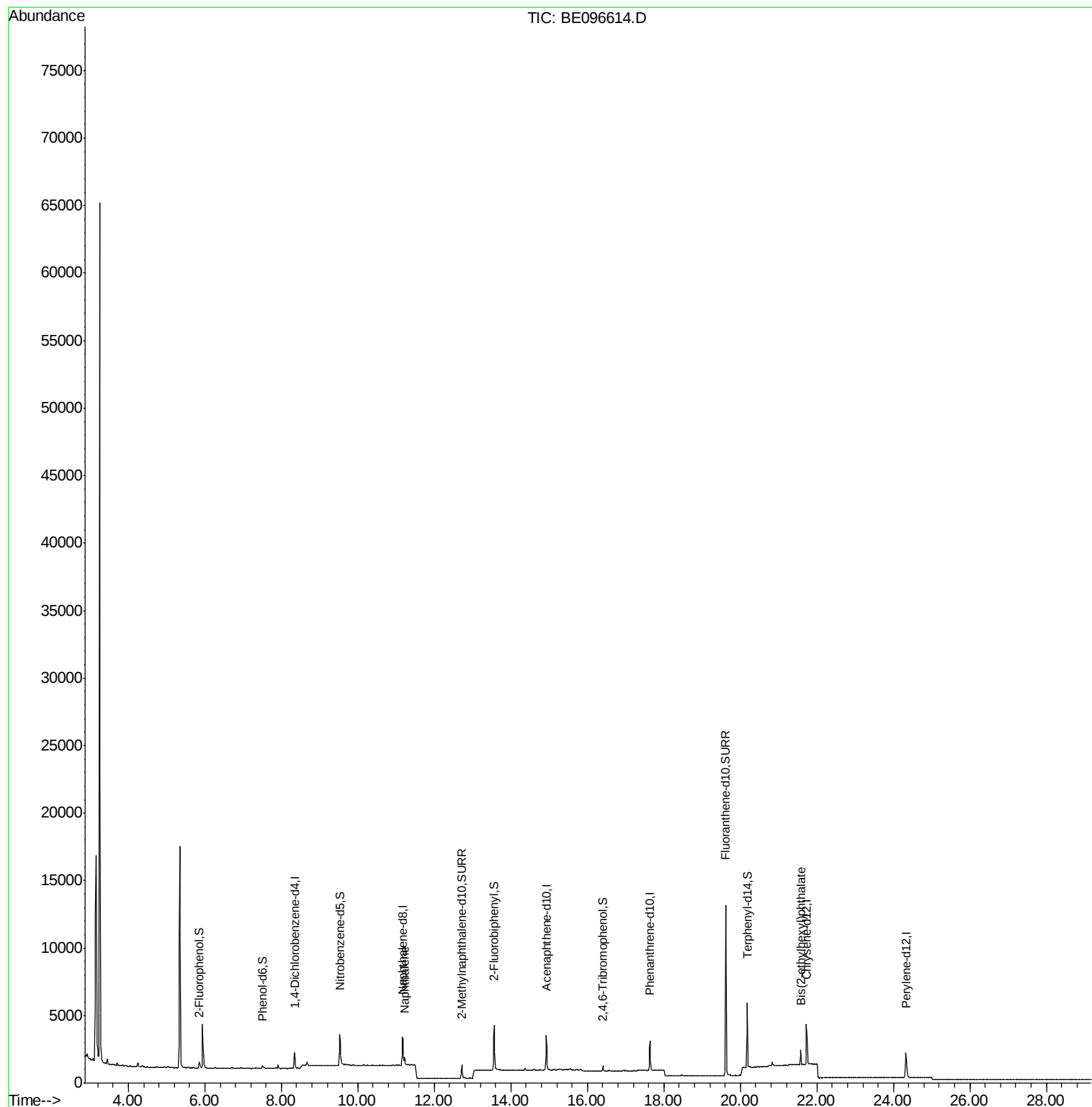
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	641	0.40	ng	0.00
7) Naphthalene-d8	11.18	136	2480	0.40	ng	0.00
13) Acenaphthene-d10	14.92	164	1482	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	3353	0.40	ng	0.00
27) Chrysene-d12	21.73	240	3314	0.40	ng	0.00
34) Perylene-d12	24.33	264	3049	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.86	112	276	0.16	ng	0.00
5) Phenol-d6	7.51	99	203	0.08	ng	0.00
8) Nitrobenzene-d5	9.53	82	1022	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.72	152	1524	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	222	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	3342	0.53	ng	0.00
25) Fluoranthene-d10	19.62	212	16460	0.40	ng	0.00
29) Terphenyl-d14	20.18	244	4391	0.59	ng	0.00
Target Compounds						
9) Naphthalene	11.22	128	991	0.038	ng	Qvalue # 82
32) Bis(2-ethylhexyl)phthalate	21.58	149	1305	0.060	ng	# 97

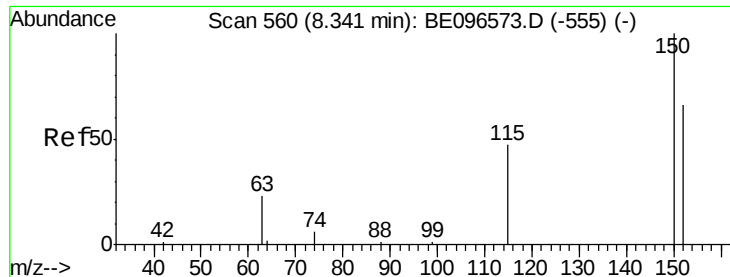
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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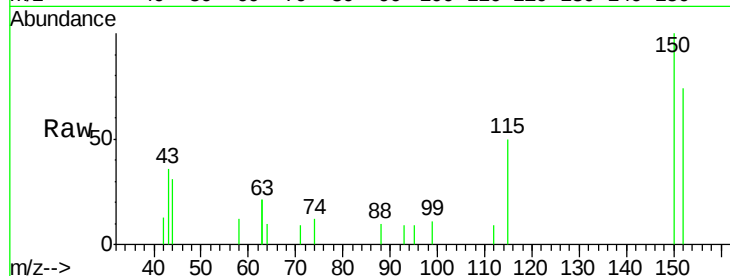


#1

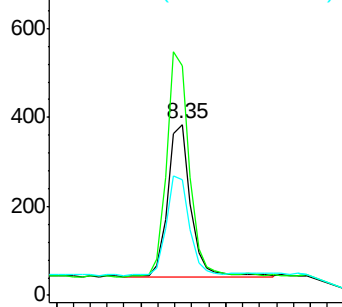
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.35 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: BE096614.D
 Acq: 17 May 2018 17:48

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180515

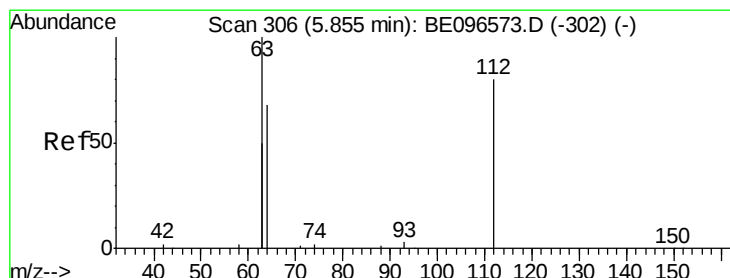
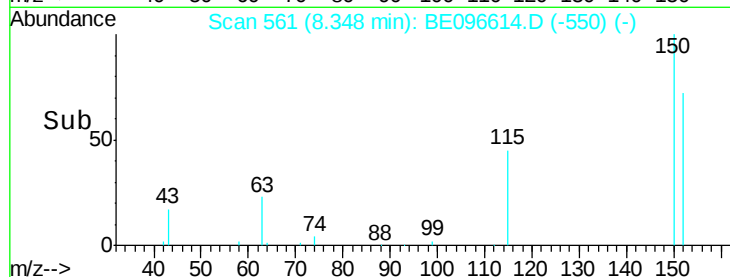
Tgt Ion:152 Resp: 641
 Ion Ratio Lower Upper
 152 100
 150 134.3 117.2 175.8
 115 67.5 57.0 85.6



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



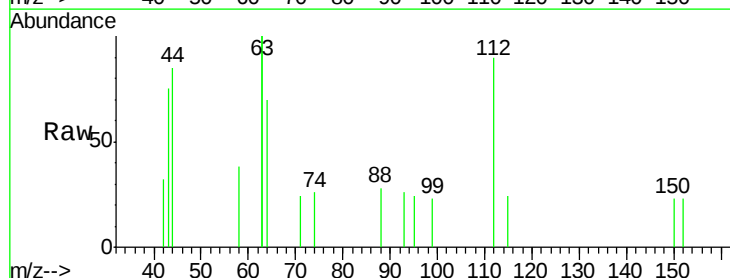
Time--> 8.20 8.30 8.40 8.50



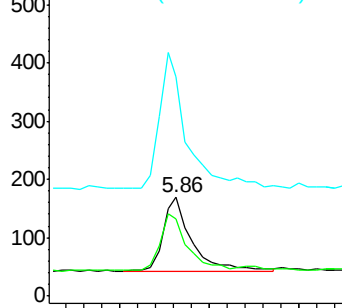
#4

2-Fluorophenol
 Concen: 0.156 ng
 RT: 5.86 min Scan# 307
 Delta R.T. 0.01 min
 Lab File: BE096614.D
 Acq: 17 May 2018 17:48

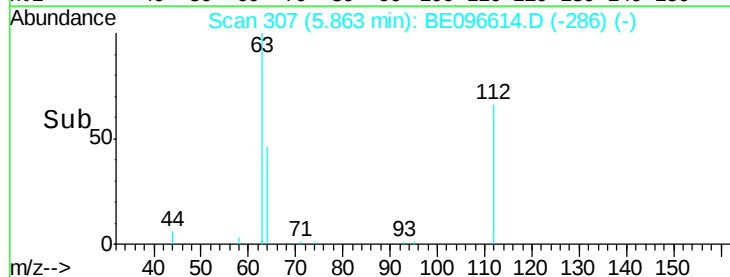
Tgt Ion:112 Resp: 276
 Ion Ratio Lower Upper
 112 100
 64 73.6 60.1 90.1
 63 184.8 116.8 175.2#

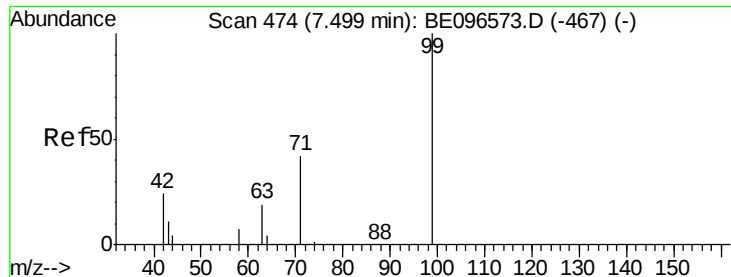


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0



Time--> 5.80 5.90 6.00





#5

Phenol-d6

Concen: 0.081 ng

RT: 7.51 min Scan# 475

Delta R.T. 0.01 min

Lab File: BE096614.D

Acq: 17 May 2018 17:48

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180515

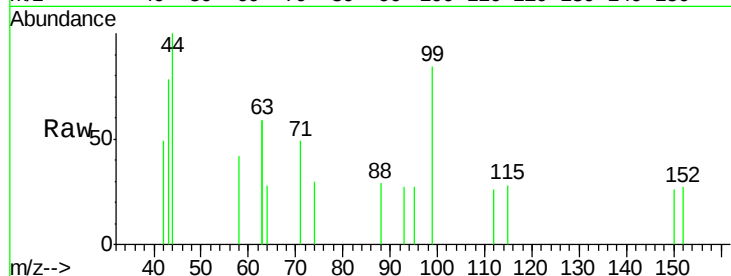
Tgt Ion: 99 Resp: 203

Ion Ratio Lower Upper

99 100

42 27.6 20.2 30.2

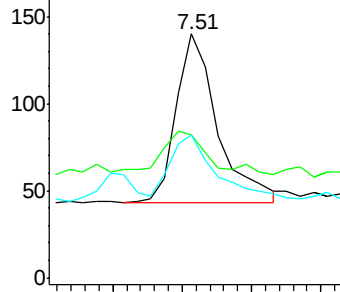
71 36.0 28.4 42.6



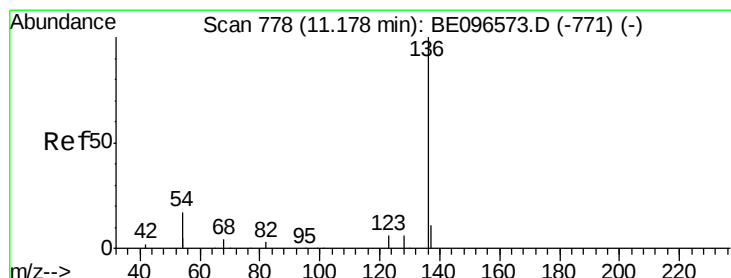
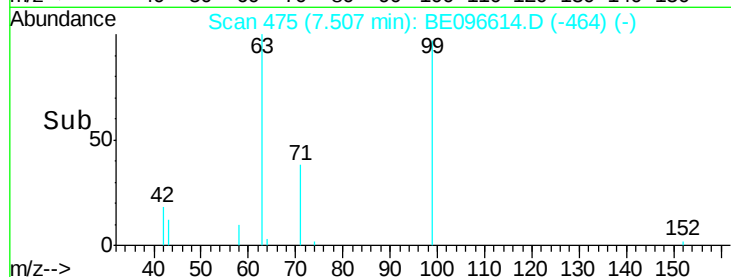
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.18 min Scan# 778

Delta R.T. -0.00 min

Lab File: BE096614.D

Acq: 17 May 2018 17:48

Tgt Ion: 136 Resp: 2480

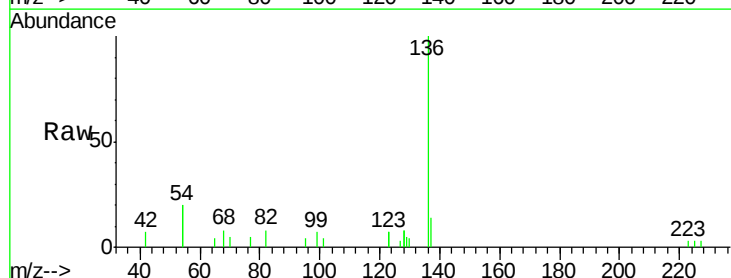
Ion Ratio Lower Upper

136 100

137 13.7 9.5 14.3

54 39.3 29.1 43.7

68 8.2 6.2 9.2

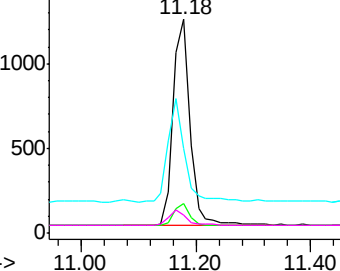


Abundance Ion 136.00 (135.70 to 136.70): E

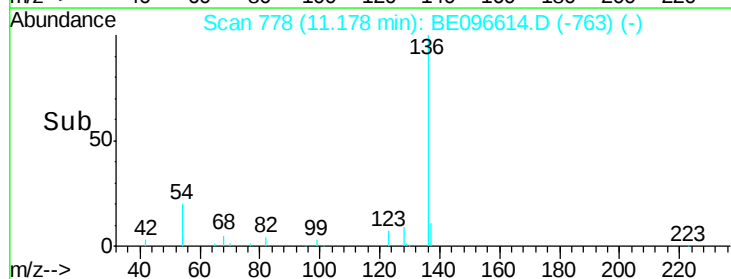
Ion 137.00 (136.70 to 137.70): E

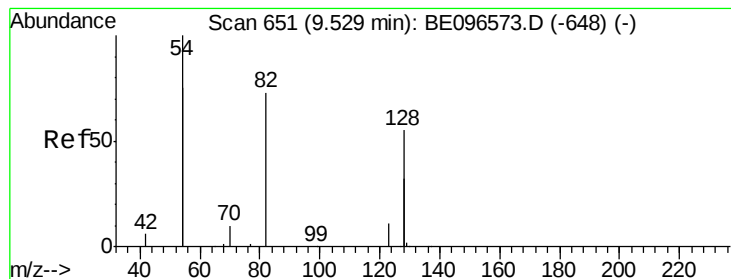
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.387 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE096614.D

Acq: 17 May 2018 17:48

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180515

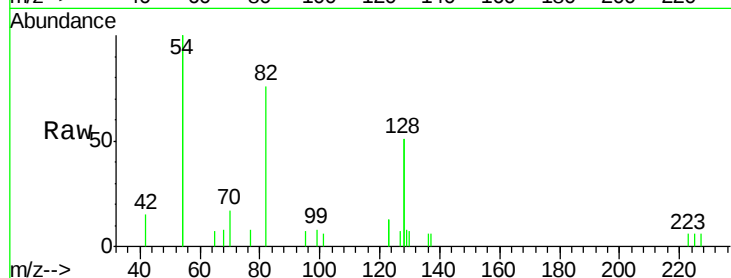
Tgt Ion: 82 Resp: 1022

Ion Ratio Lower Upper

82 100

128 134.8 150.0 225.0#

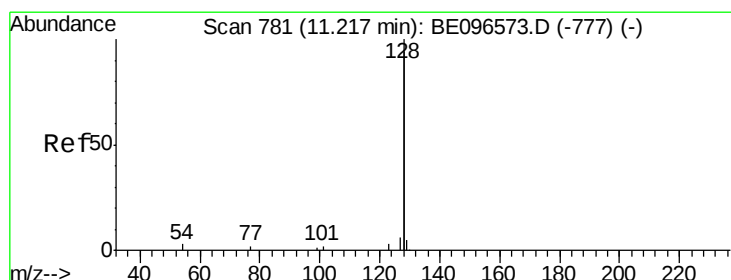
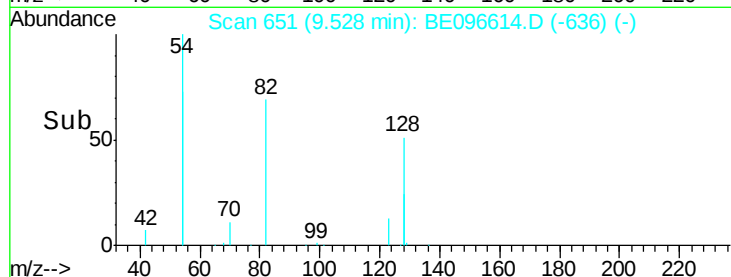
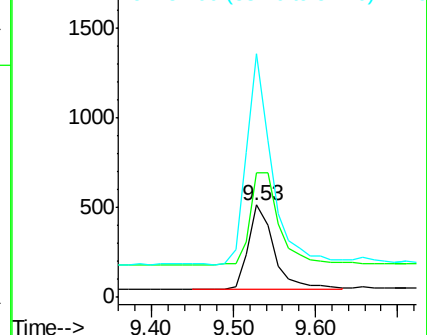
54 264.8 154.2 231.4#



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



#9

Naphthalene

Concen: 0.038 ng

RT: 11.22 min Scan# 781

Delta R.T. -0.00 min

Lab File: BE096614.D

Acq: 17 May 2018 17:48

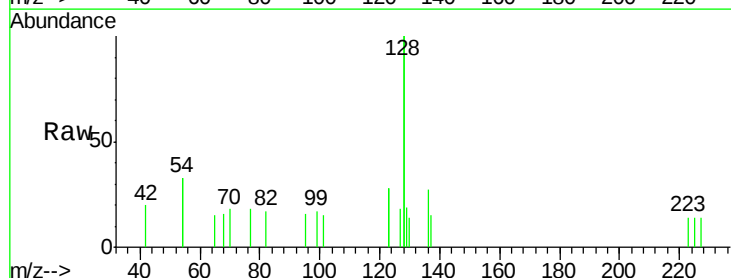
Tgt Ion: 128 Resp: 991

Ion Ratio Lower Upper

128 100

129 9.6 2.6 3.8#

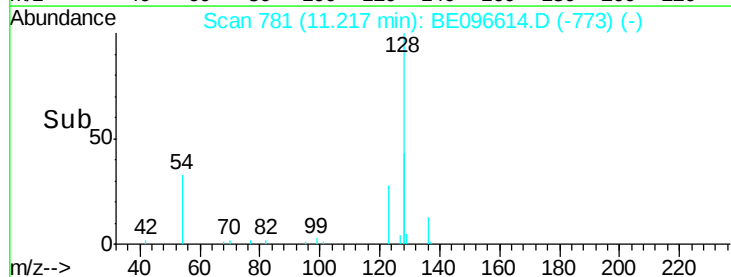
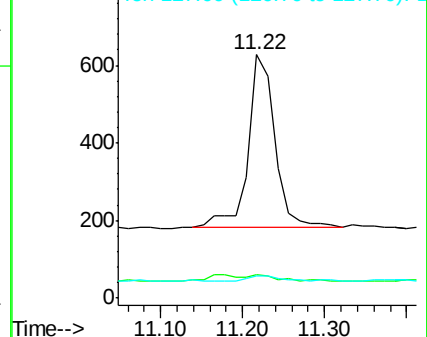
127 8.9 2.8 4.2#

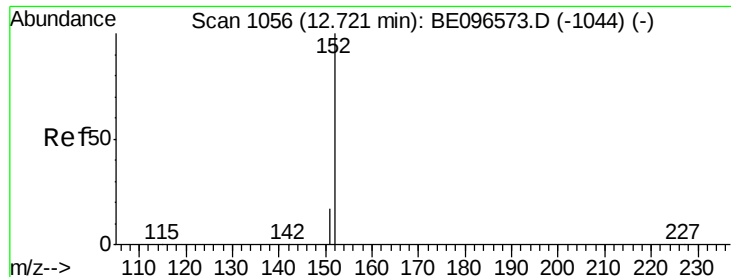


Abundance Ion 128.00 (127.70 to 128.70): BE0

Ion 129.00 (128.70 to 129.70): BE0

Ion 127.00 (126.70 to 127.70): BE0

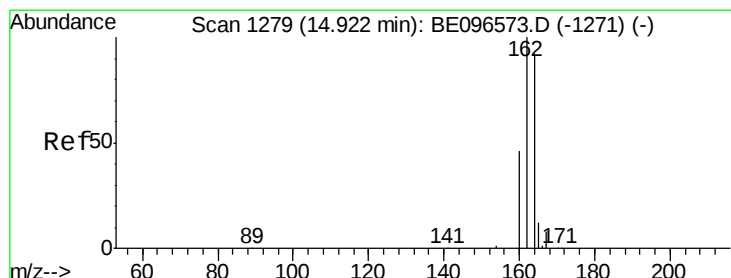
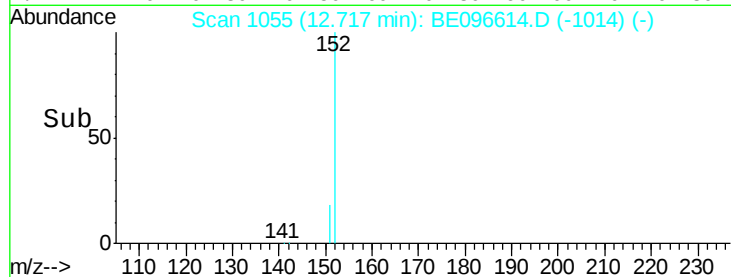
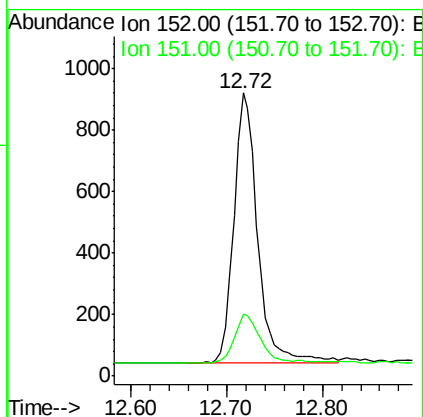
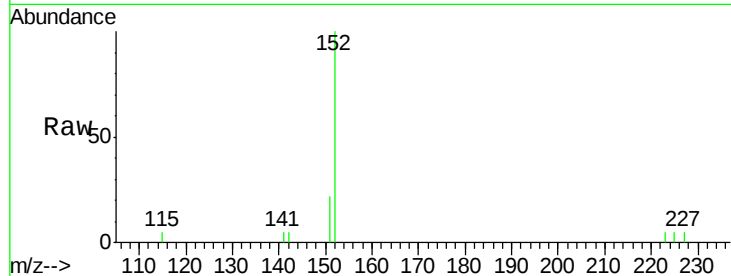




#11
 2-Methylnaphthalene-d10
 Concen: 0.376 ng
 RT: 12.72 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: BE096614.D
 Acq: 17 May 2018 17:48

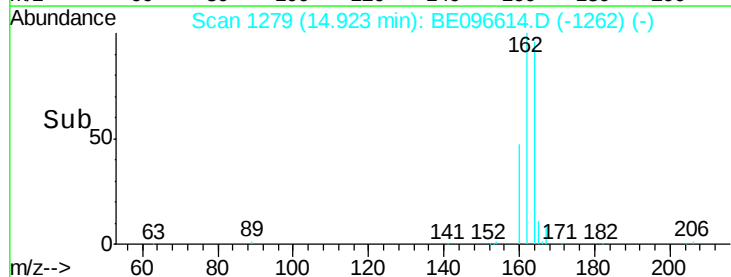
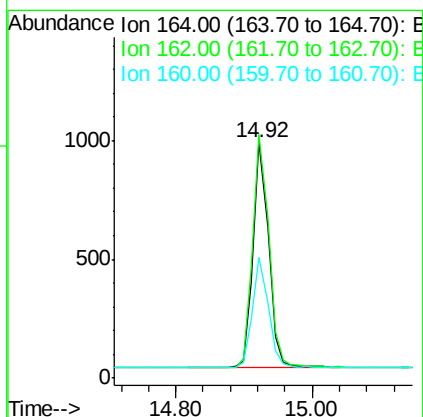
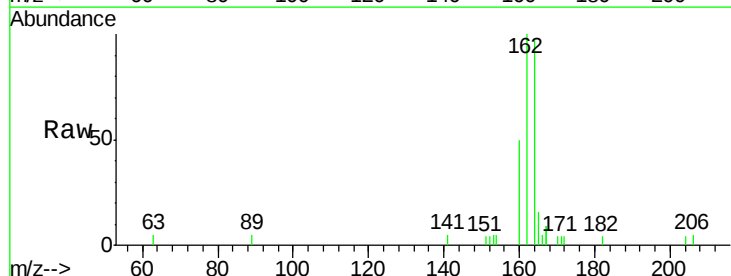
Instrument :
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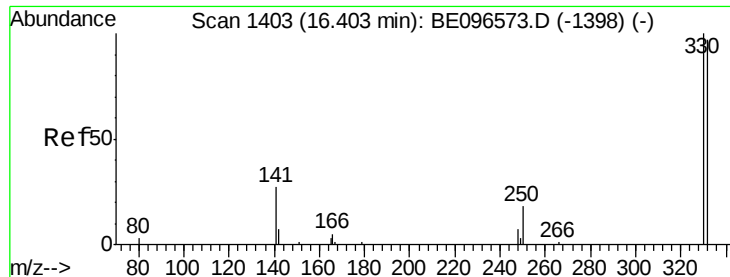
Tgt Ion:152 Resp: 1524
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.4 23.0



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.92 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BE096614.D
 Acq: 17 May 2018 17:48

Tgt Ion:164 Resp: 1482
 Ion Ratio Lower Upper
 164 100
 162 103.4 83.1 124.7
 160 51.5 37.1 55.7

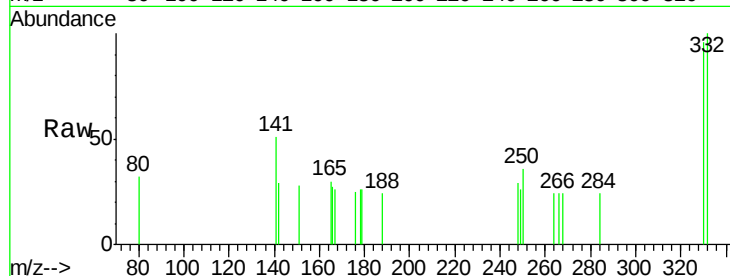




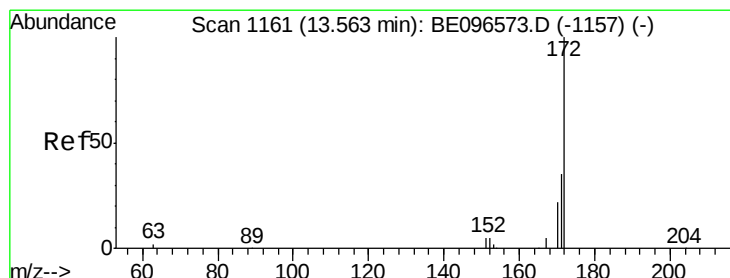
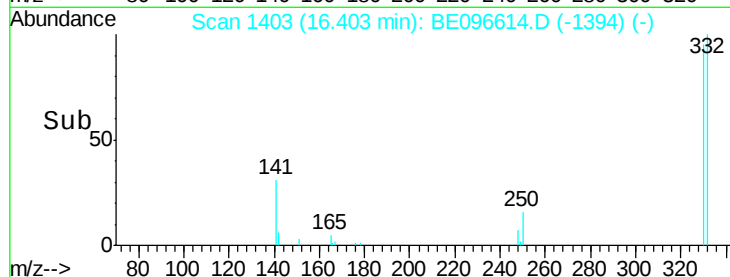
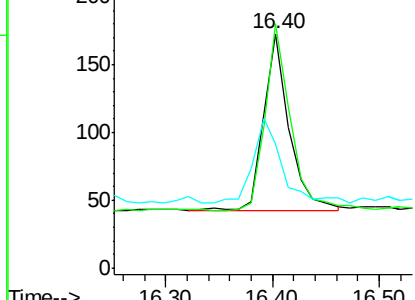
#14
 2,4,6-Tribromophenol
 Concen: 0.379 ng
 RT: 16.40 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BE096614.D
 Acq: 17 May 2018 17:48

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180515

Tgt Ion: 330 Resp: 222
 Ion Ratio Lower Upper
 330 100
 332 103.6 152.7 229.1#
 141 50.9 33.7 50.5#

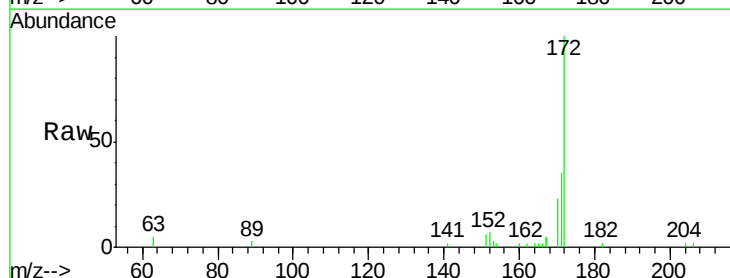


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

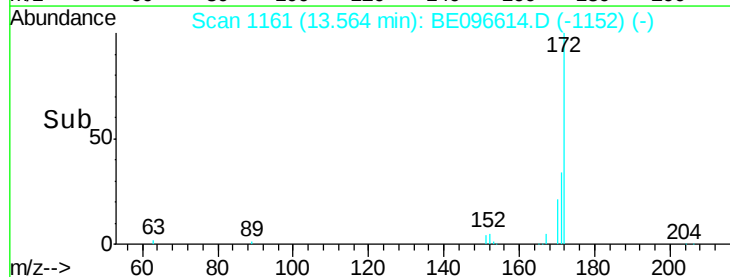
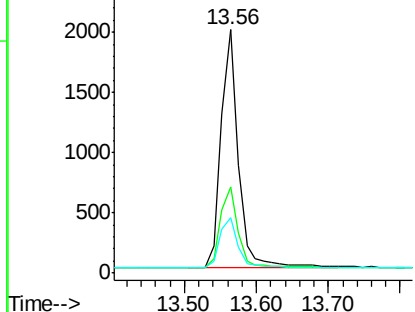


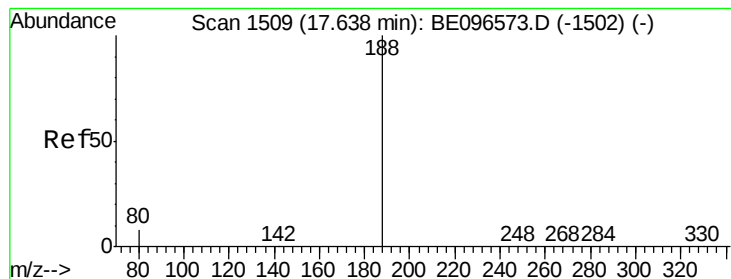
#15
 2-Fluorobiphenyl
 Concen: 0.525 ng
 RT: 13.56 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BE096614.D
 Acq: 17 May 2018 17:48

Tgt Ion: 172 Resp: 3342
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.9 44.9
 170 22.8 21.8 32.8



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: 17.64 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BE096614.D

Acq: 17 May 2018 17:48

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180515

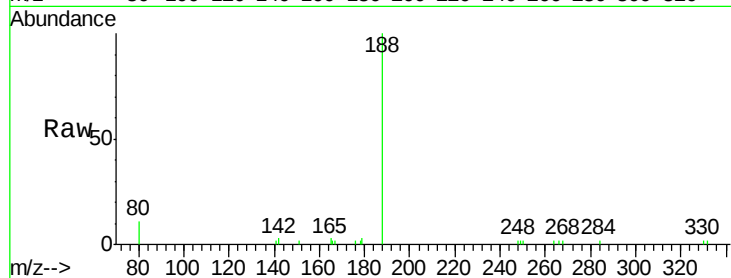
Tgt Ion:188 Resp: 3353

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

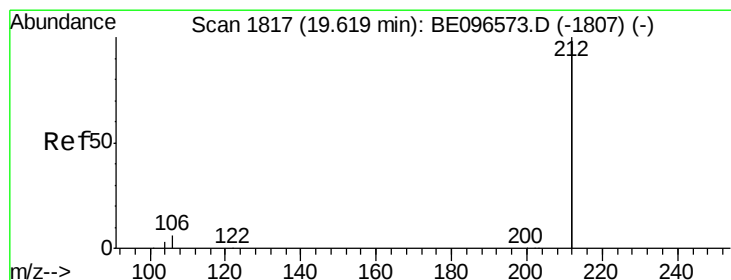
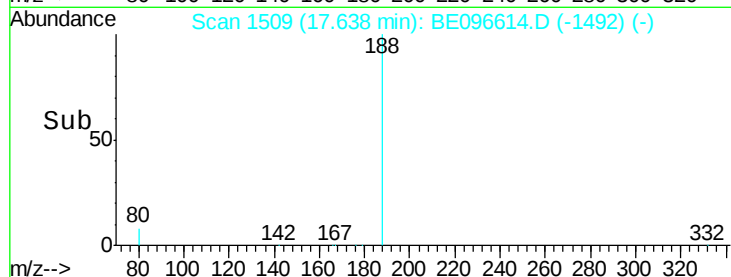
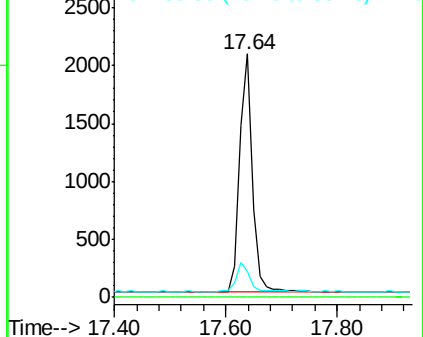
80 10.5 3.6 5.4#



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: 0.402 ng

RT: 19.62 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BE096614.D

Acq: 17 May 2018 17:48

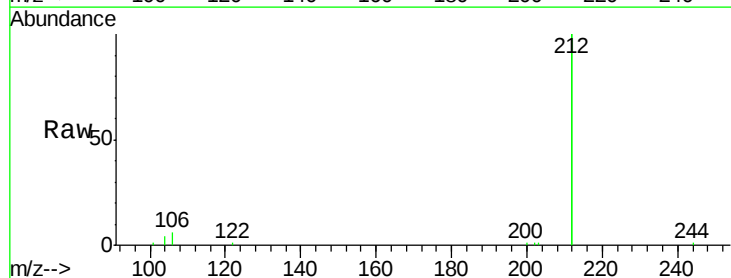
Tgt Ion:212 Resp: 16460

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

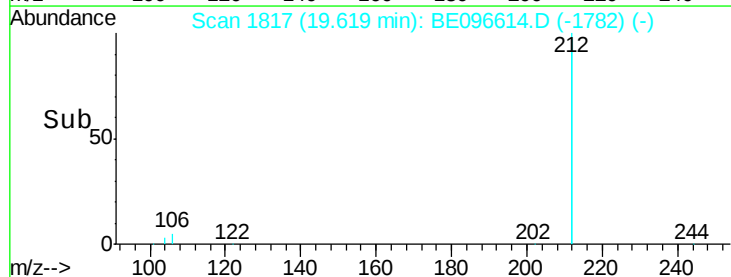
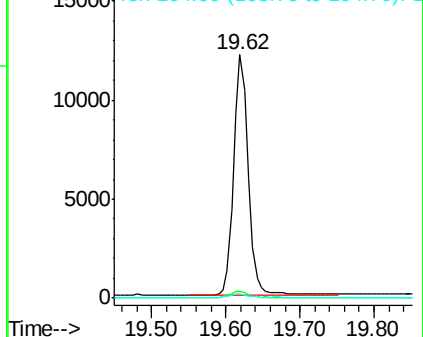
104 1.6 1.6 2.4#

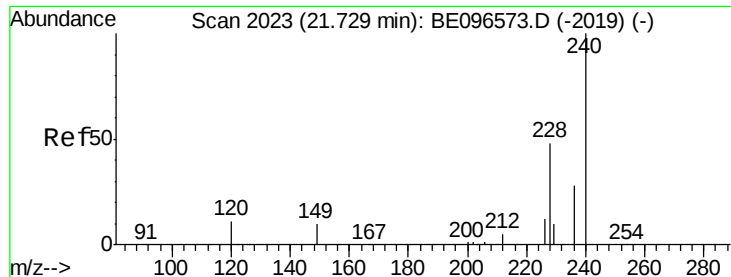


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.73 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BE096614.D

Acq: 17 May 2018 17:48

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OUTFALL001-180515

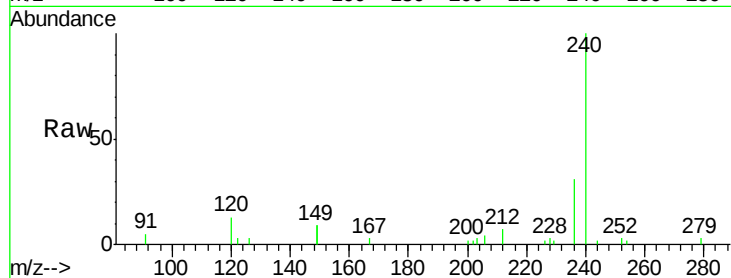
Tgt Ion:240 Resp: 3314

Ion Ratio Lower Upper

240 100

120 13.2 5.5 8.3#

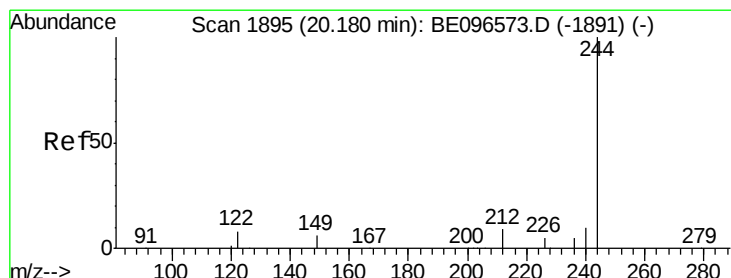
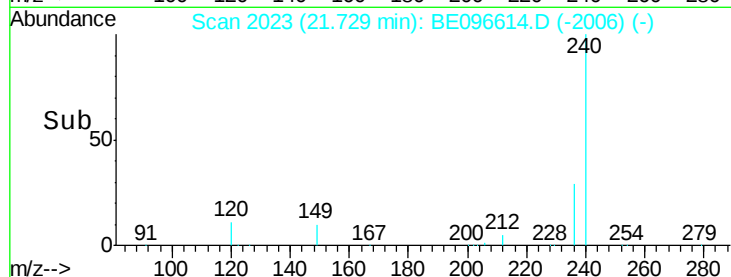
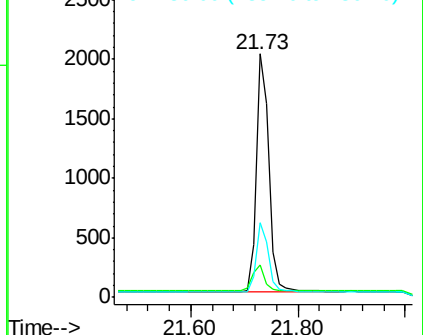
236 30.6 20.7 31.1



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: 0.586 ng

RT: 20.18 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BE096614.D

Acq: 17 May 2018 17:48

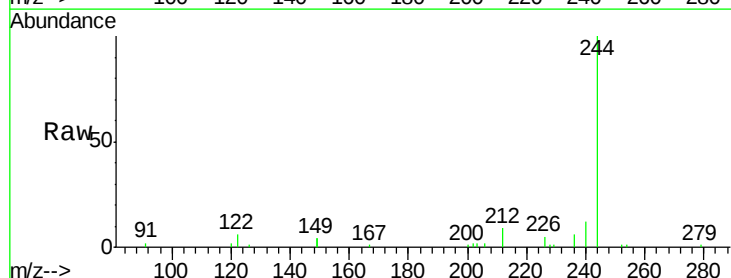
Tgt Ion:244 Resp: 4391

Ion Ratio Lower Upper

244 100

212 8.9 25.4 38.0#

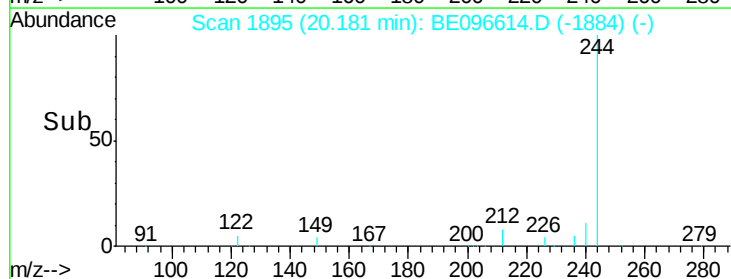
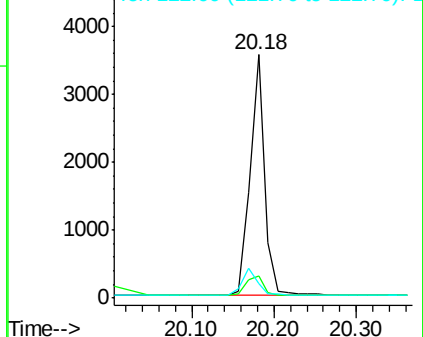
122 6.0 8.1 12.1#

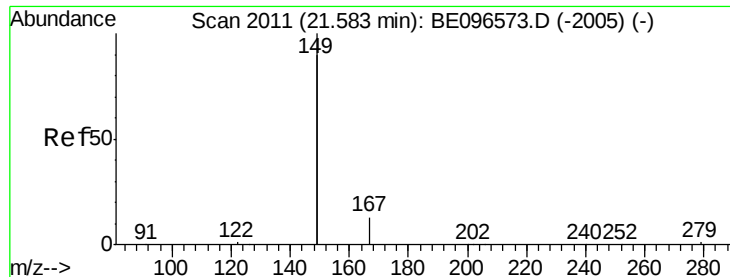


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.060 ng

RT: 21.58 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BE096614.D

Acq: 17 May 2018 17:48

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180515

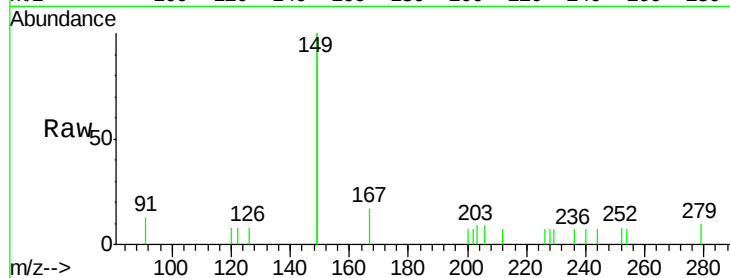
Tgt Ion:149 Resp: 1305

Ion Ratio Lower Upper

149 100

167 7.7 5.4 8.0

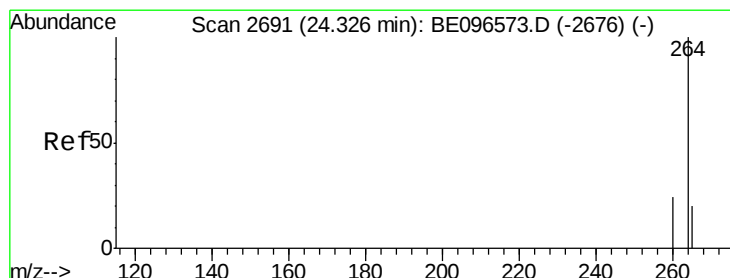
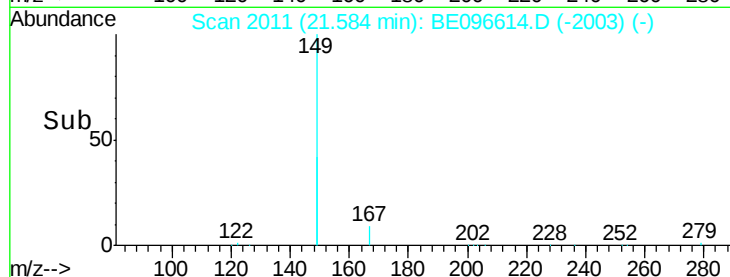
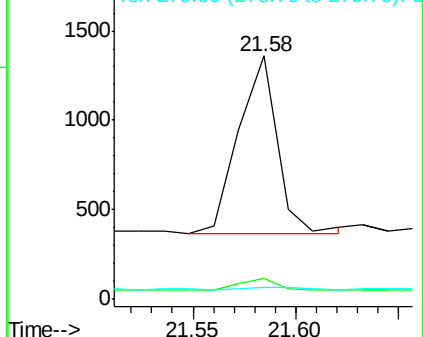
279 2.4 0.7 1.1#



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: 24.33 min Scan# 2692

Delta R.T. 0.00 min

Lab File: BE096614.D

Acq: 17 May 2018 17:48

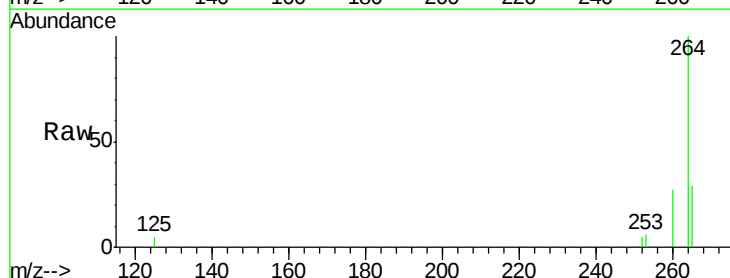
Tgt Ion:264 Resp: 3049

Ion Ratio Lower Upper

264 100

260 26.7 20.5 30.7

265 29.3 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

