

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 05:16:04 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						Qvalue
2) 1,4-Dioxane	3.58	88	45	0.05	ng	# 64
9) Naphthalene	11.22	128	991	0.04	ng	# 82
22) Pentachlorophenol	17.31	266	6	0.19	ng	97
32) Bis(2-ethylhexyl)phthalate	21.58	149	1305	0.06	ng	# 97

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

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

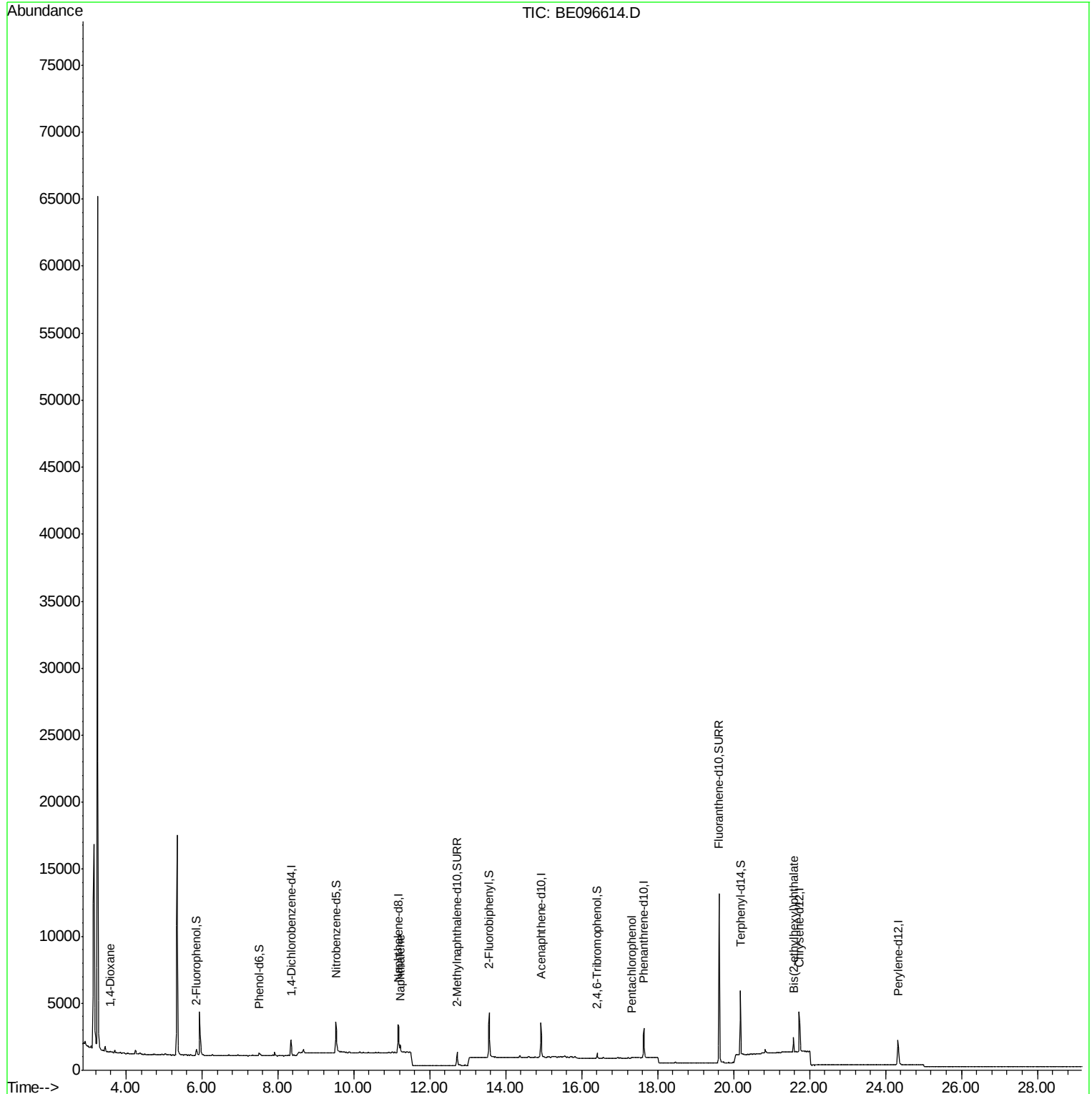
Quant Time: May 18 05:16:04 2018

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





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 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

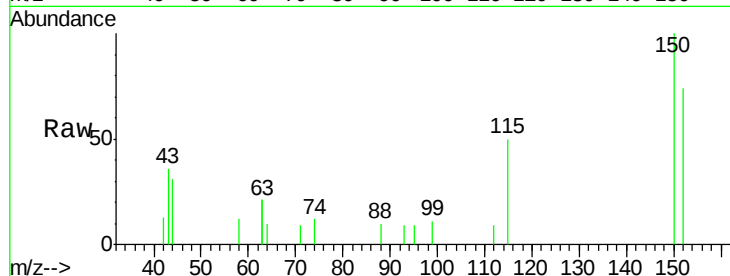
Tgt Ion: 152 Resp: 641

Ion Ratio Lower Upper

152 100

150 134.3 117.2 175.8

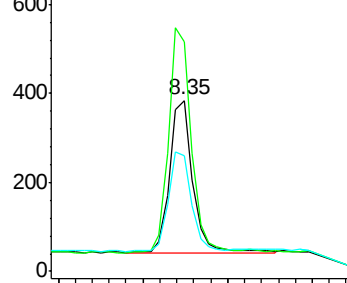
115 67.5 57.0 85.6



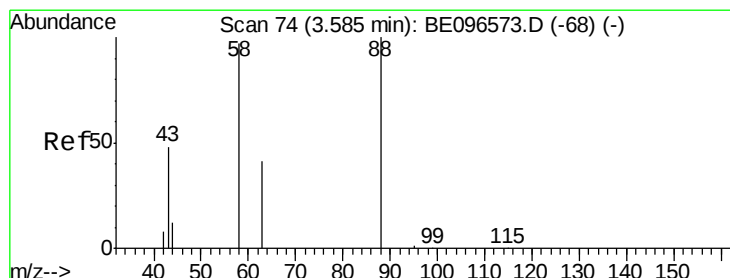
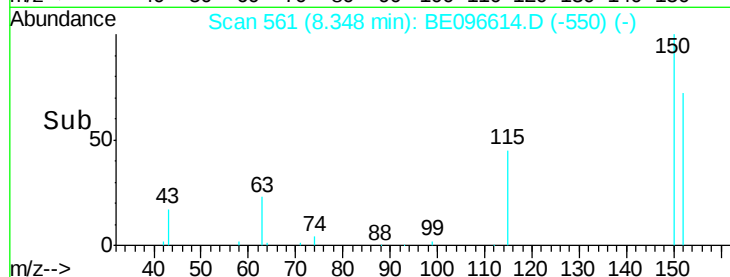
Abundance Ion 152.00 (151.70 to 152.70): E

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



#2

1,4-Dioxane

Concen: 0.05 ng

RT: 3.58 min Scan# 74

Delta R.T. -0.00 min

Lab File: BE096614.D

Acq: 17 May 2018 17:48

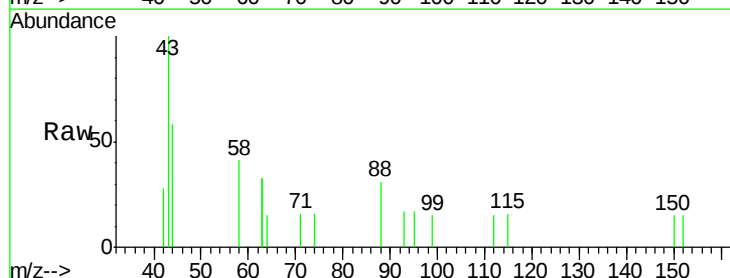
Tgt Ion: 88 Resp: 45

Ion Ratio Lower Upper

88 100

58 68.9 63.2 94.8

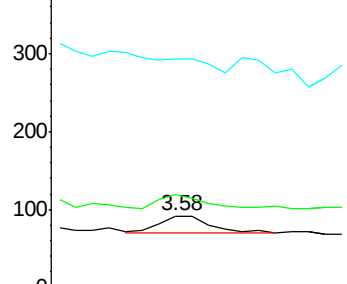
43 0.0 41.2 61.8#



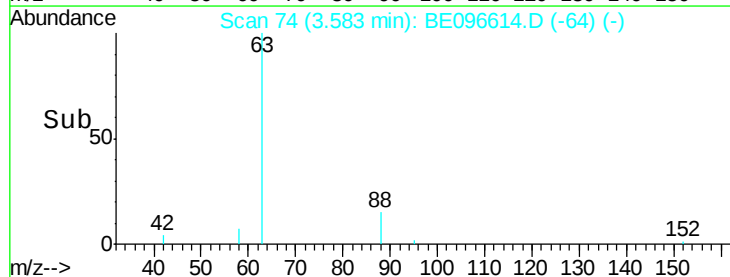
Abundance Ion 88.00 (87.70 to 88.70): BE0

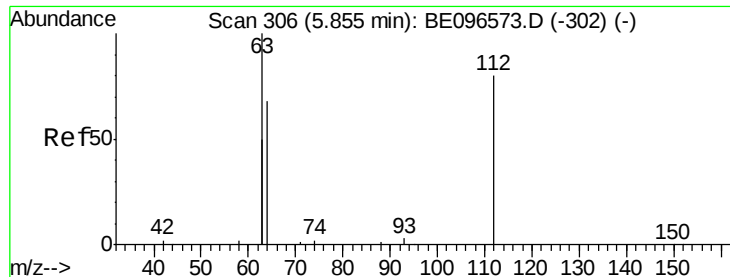
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



Time--> 3.55 3.60 3.65





#4

2-Fluorophenol

Concen: 0.16 ng

RT: 5.86 min Scan# 307

Delta R.T. 0.01 min

Lab File: BE096614.D

Acq: 17 May 2018 17:48

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180515

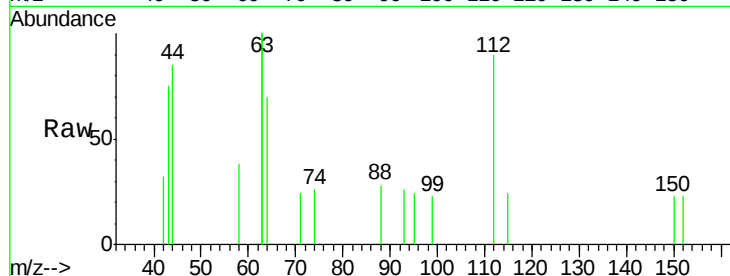
Tgt Ion: 112 Resp: 276

Ion Ratio Lower Upper

112 100

64 73.6 60.1 90.1

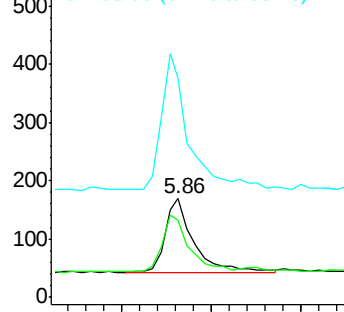
63 184.8 116.8 175.2#



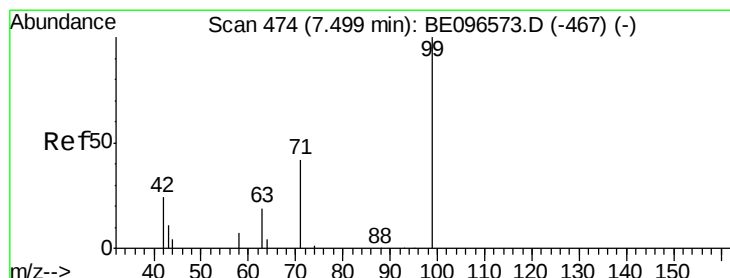
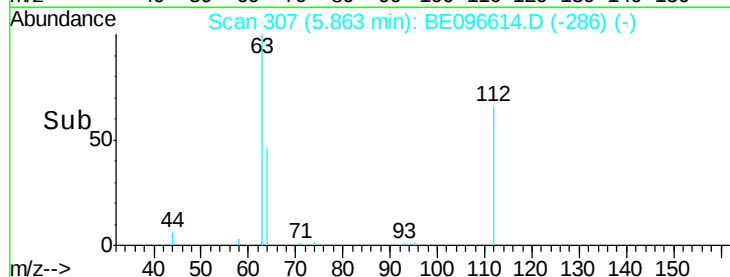
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->



#5

Phenol-d6

Concen: 0.08 ng

RT: 7.51 min Scan# 475

Delta R.T. 0.01 min

Lab File: BE096614.D

Acq: 17 May 2018 17:48

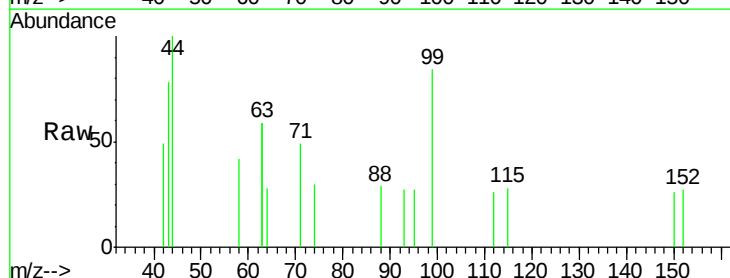
Tgt Ion: 99 Resp: 203

Ion Ratio Lower Upper

99 100

42 27.6 20.2 30.2

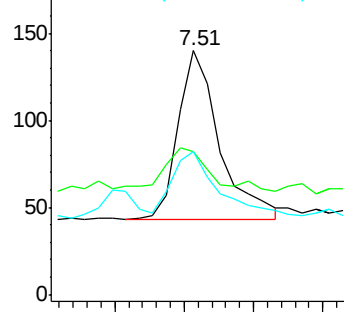
71 36.0 28.4 42.6



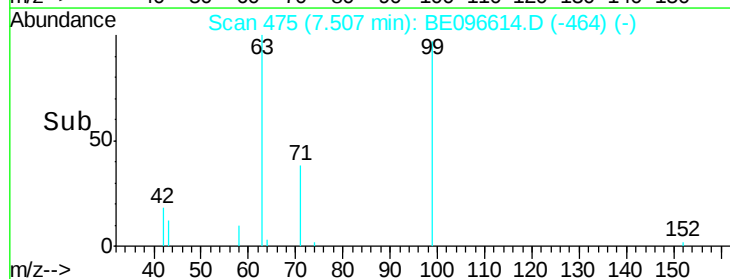
Abundance Ion 99.00 (98.70 to 99.70): BE0

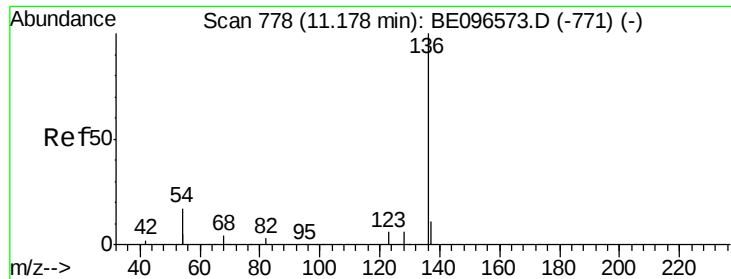
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 11.18 min Scan# 778

Delta R.T. -0.00 min

Lab File: BE096614.D

Acq: 17 May 2018 17:48

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180515

Tgt Ion: 136 Resp: 2480

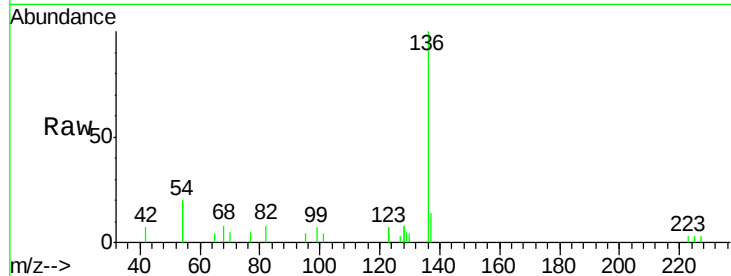
Ion Ratio Lower Upper

136 100

137 13.7 9.5 14.3

54 39.3 29.1 43.7

68 8.2 6.2 9.2

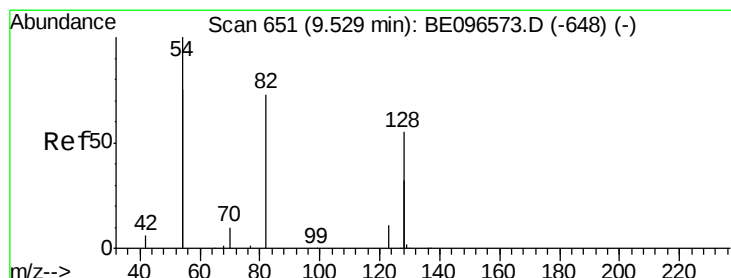
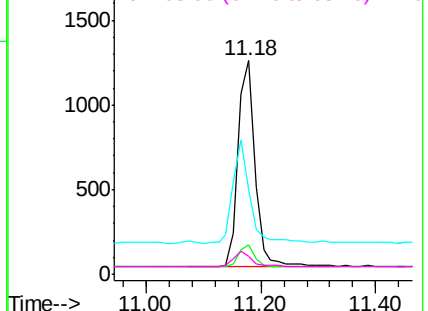
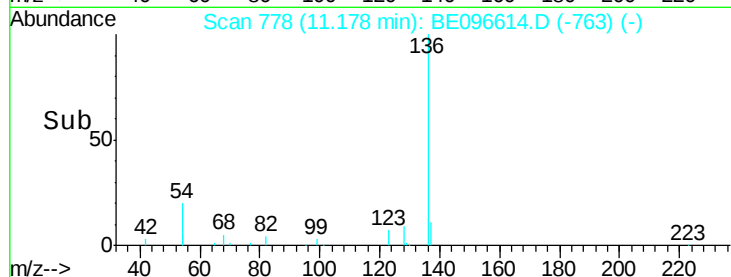


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.39 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE096614.D

Acq: 17 May 2018 17:48

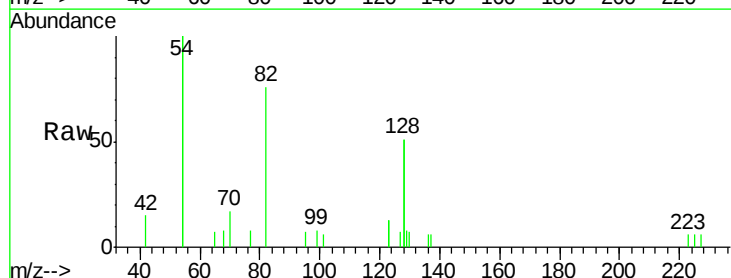
Tgt Ion: 82 Resp: 1022

Ion Ratio Lower Upper

82 100

128 134.8 150.0 225.0#

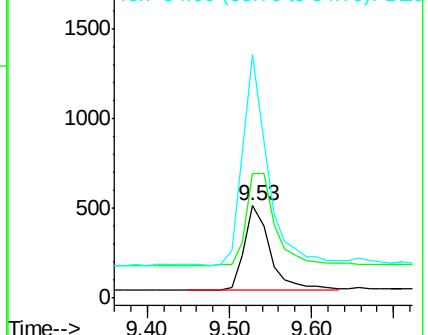
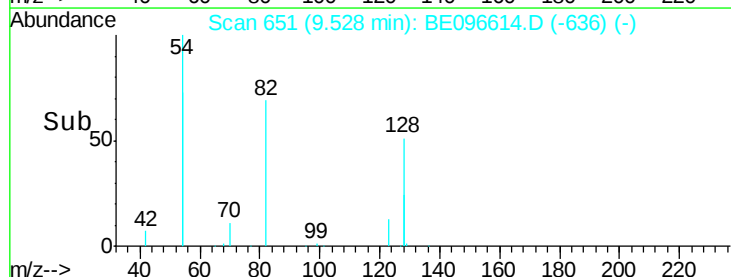
54 264.8 154.2 231.4#

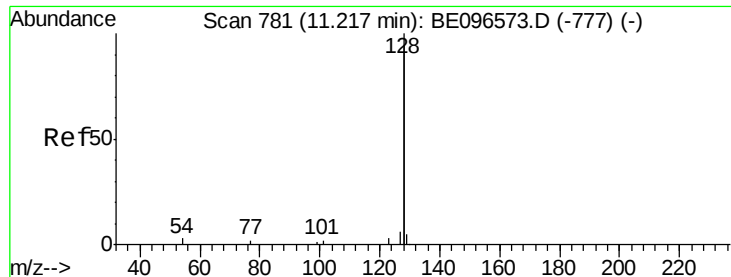


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.04 ng

RT: 11.22 min Scan# 781

Delta R.T. -0.00 min

Lab File: BE096614.D

Acq: 17 May 2018 17:48

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180515

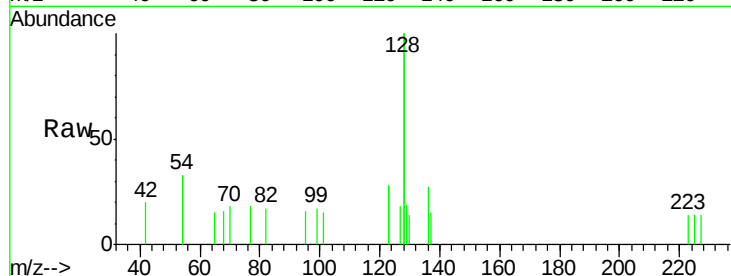
Tgt Ion:128 Resp: 991

Ion Ratio Lower Upper

128 100

129 9.6 2.6 3.8#

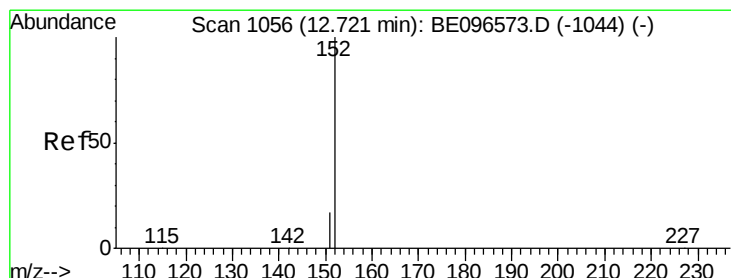
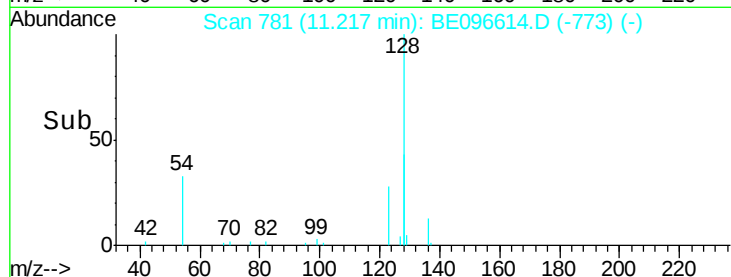
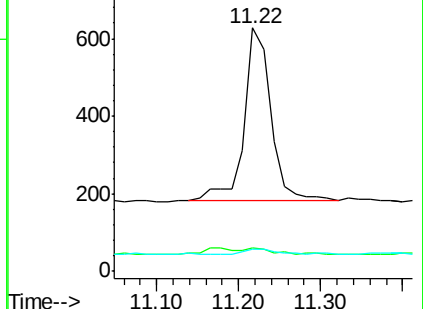
127 8.9 2.8 4.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.38 ng

RT: 12.72 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BE096614.D

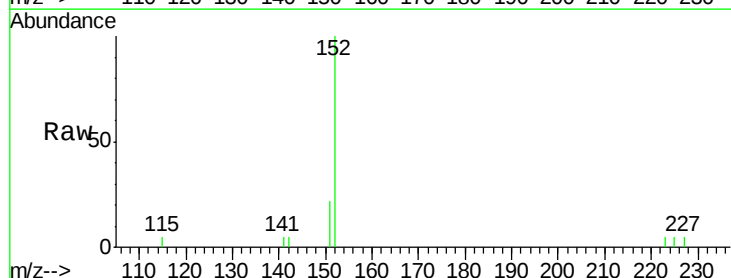
Acq: 17 May 2018 17:48

Tgt Ion:152 Resp: 1524

Ion Ratio Lower Upper

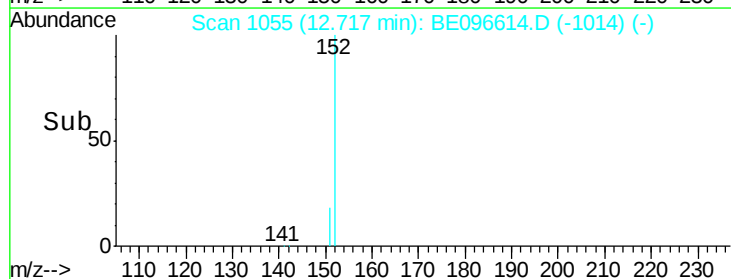
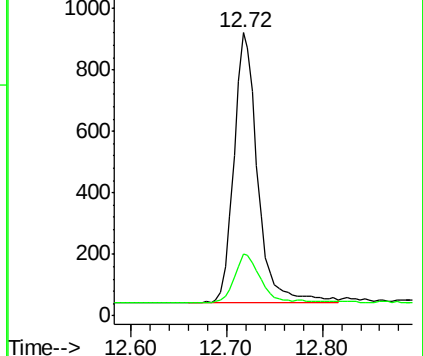
152 100

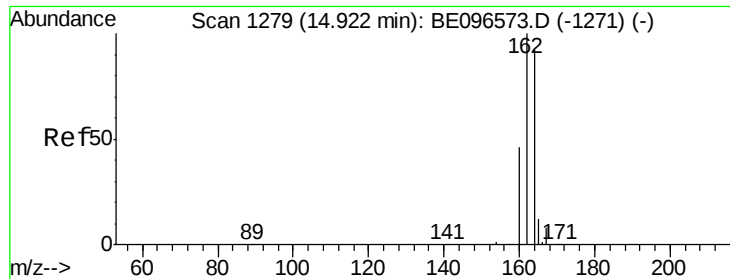
151 19.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.92 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BE096614.D

Acq: 17 May 2018 17:48

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180515

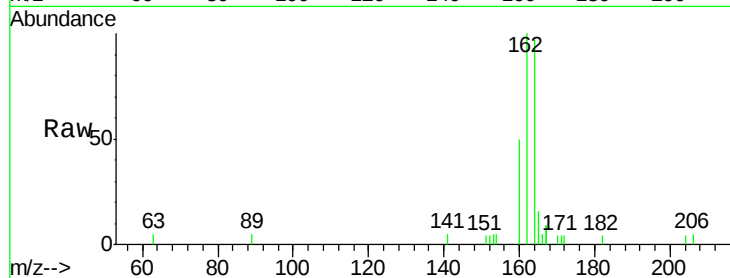
Tgt Ion:164 Resp: 1482

Ion Ratio Lower Upper

164 100

162 103.4 83.1 124.7

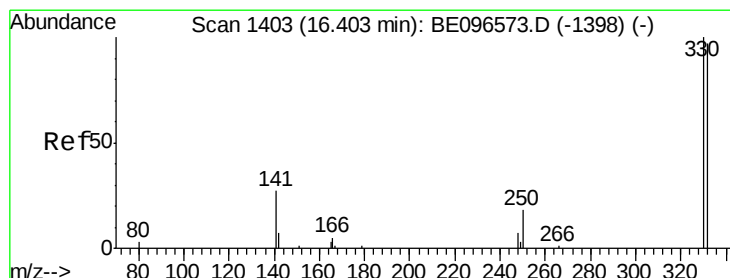
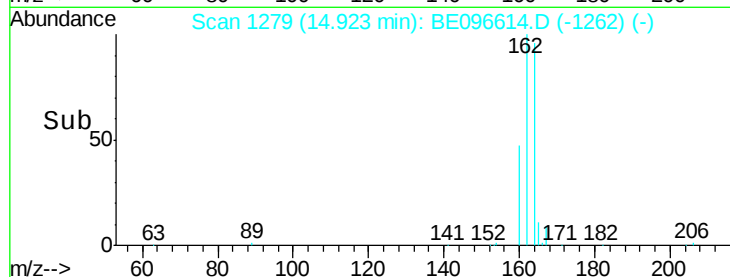
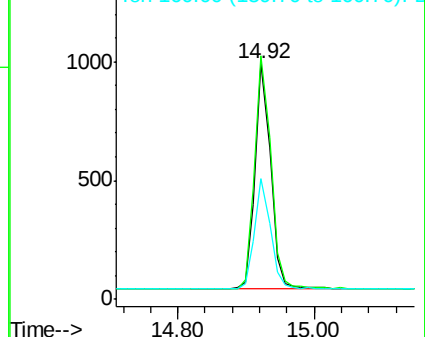
160 51.5 37.1 55.7



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: 0.38 ng

RT: 16.40 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BE096614.D

Acq: 17 May 2018 17:48

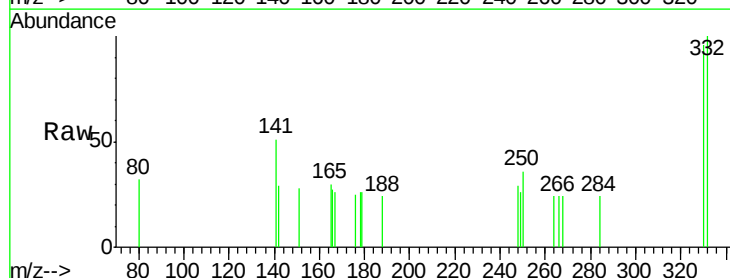
Tgt Ion:330 Resp: 222

Ion Ratio Lower Upper

330 100

332 103.6 152.7 229.1#

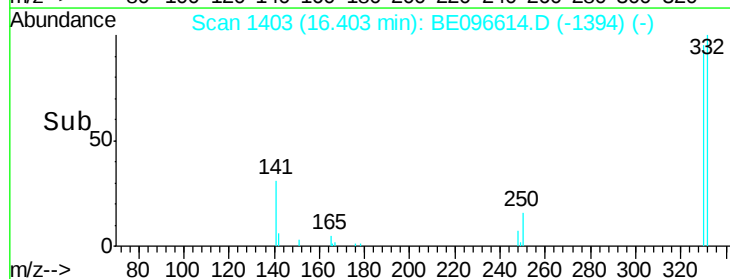
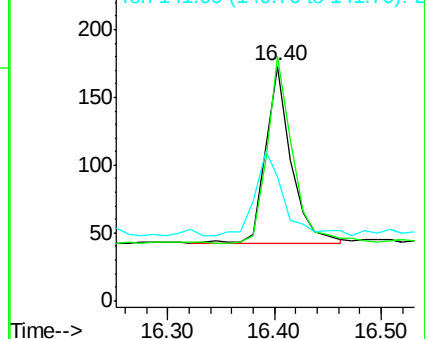
141 50.9 33.7 50.5#

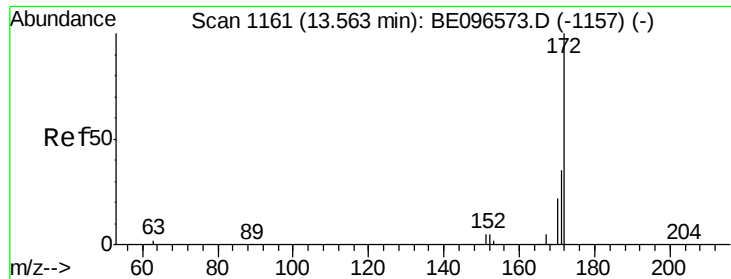


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

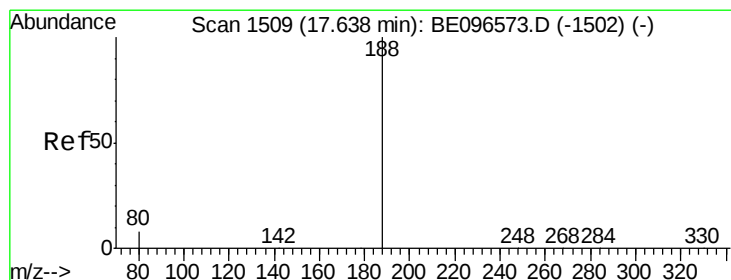
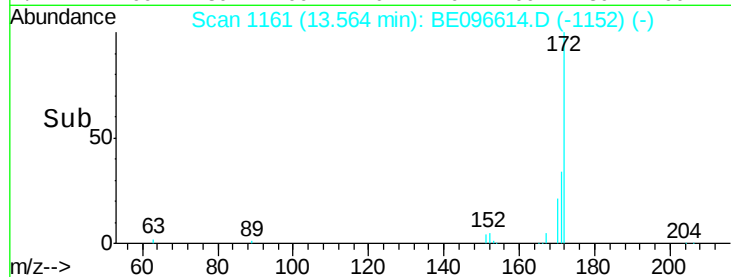
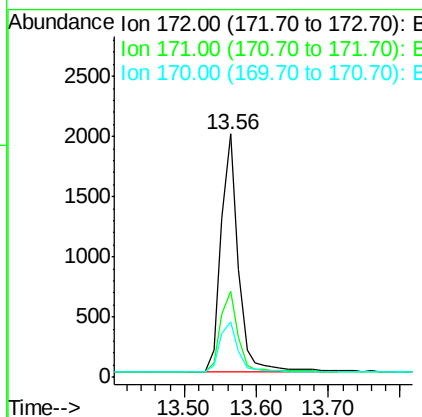
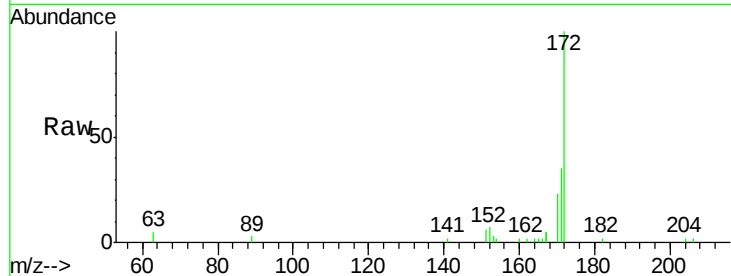




#15
2-Fluorobiphenyl
Concen: 0.53 ng
RT: 13.56 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BE096614.D
Acq: 17 May 2018 17:48

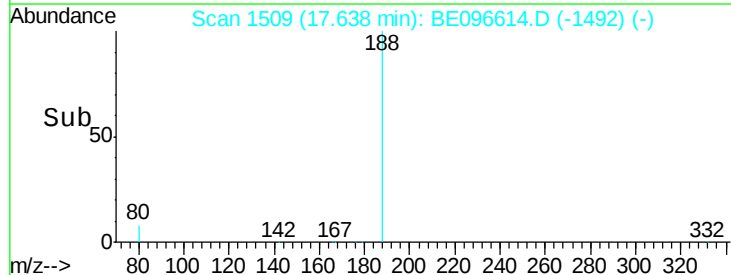
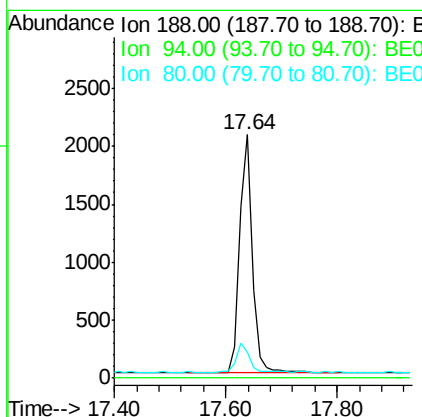
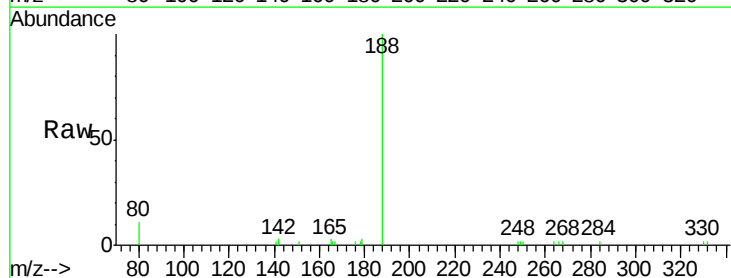
Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180515

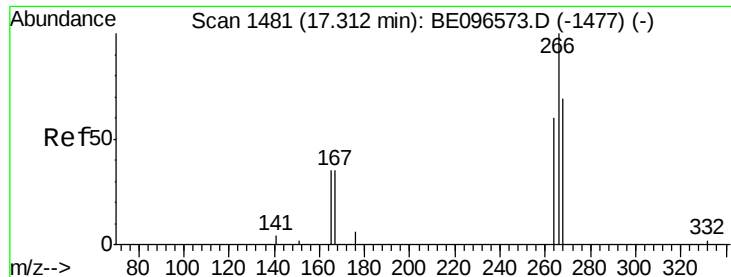
Tgt Ion:172 Resp: 3342
Ion Ratio Lower Upper
172 100
171 35.2 29.9 44.9
170 22.8 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.64 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BE096614.D
Acq: 17 May 2018 17:48

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#

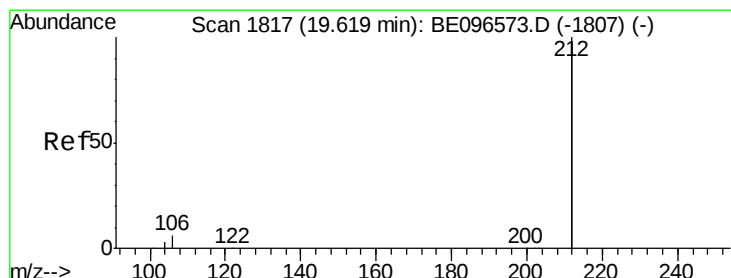
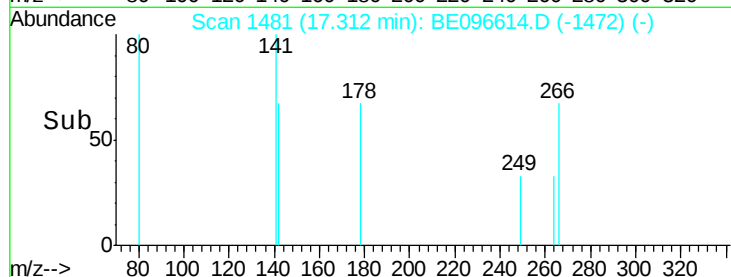
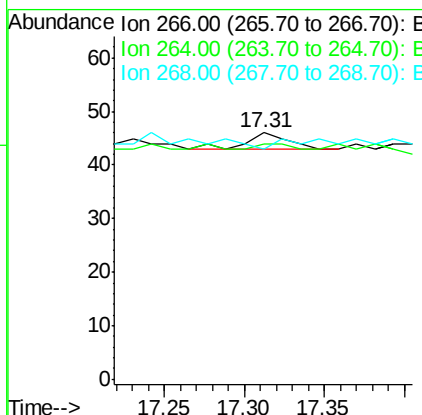
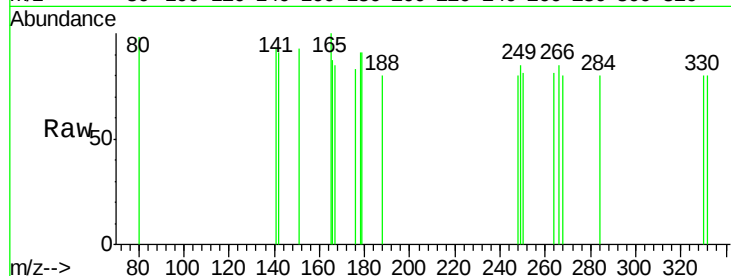




#22
 Pentachlorophenol
 Concen: 0.19 ng
 RT: 17.31 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BE096614.D
 Acq: 17 May 2018 17:48

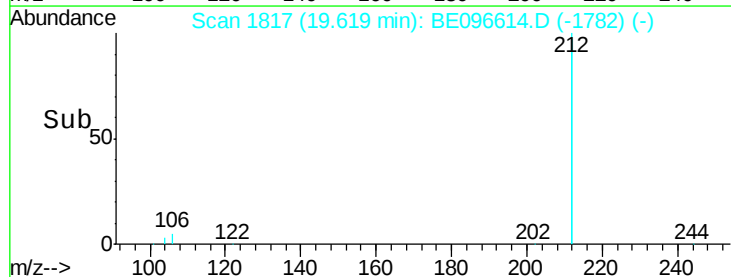
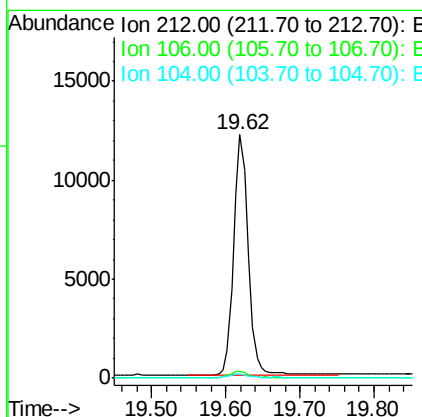
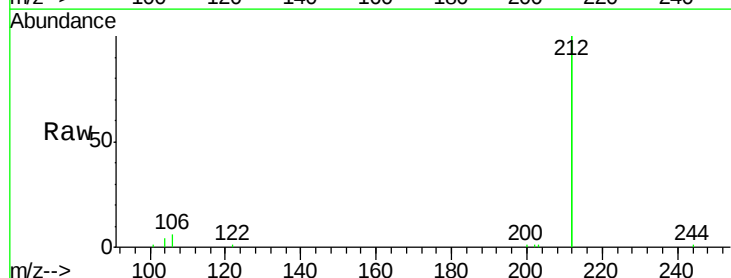
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180515

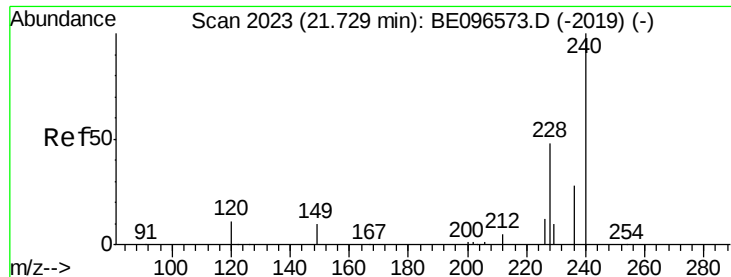
Tgt Ion: 266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 264 95.7 72.5 108.7
 268 93.5 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.40 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#





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.73 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BE096614.D

Acq: 17 May 2018 17:48

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180515

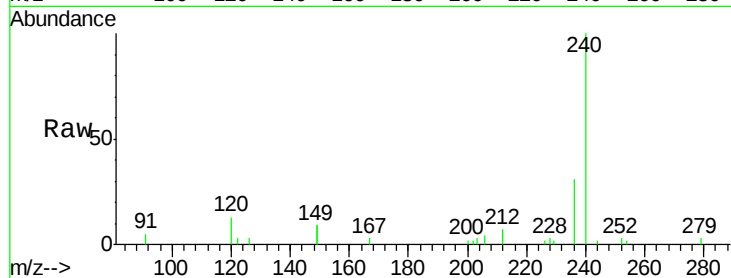
Tgt Ion:240 Resp: 3314

Ion Ratio Lower Upper

240 100

120 13.2 5.5 8.3#

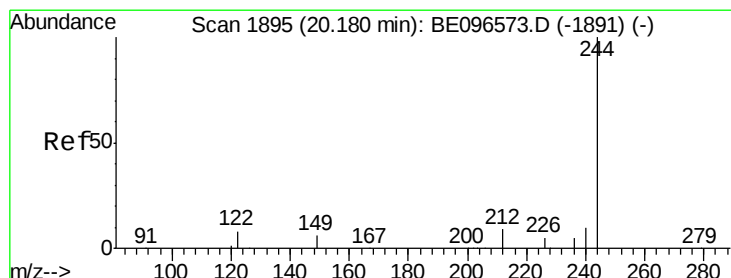
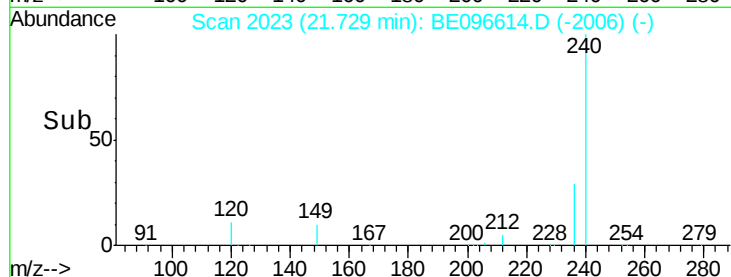
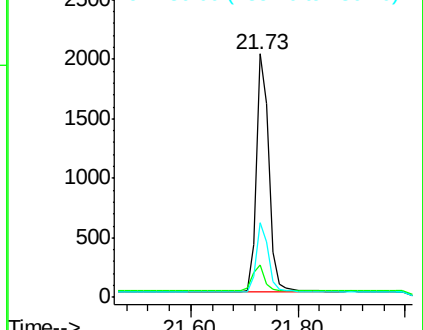
236 30.6 20.7 31.1



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: 0.59 ng

RT: 20.18 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BE096614.D

Acq: 17 May 2018 17:48

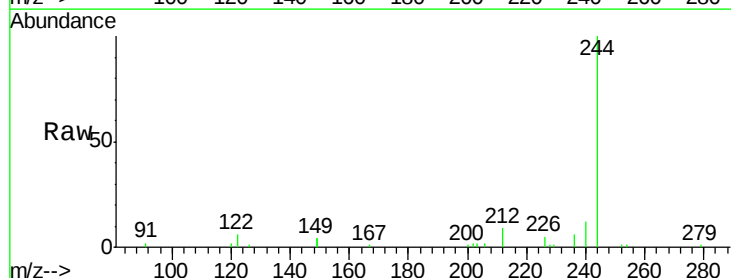
Tgt Ion:244 Resp: 4391

Ion Ratio Lower Upper

244 100

212 8.9 25.4 38.0#

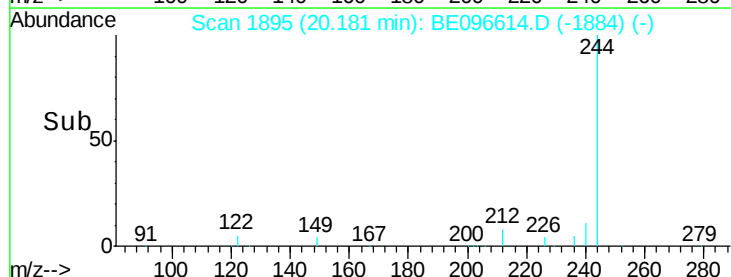
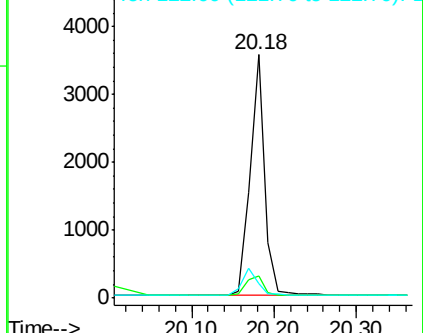
122 6.0 8.1 12.1#

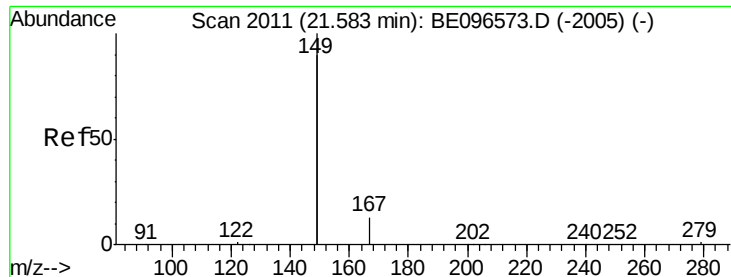


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.06 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

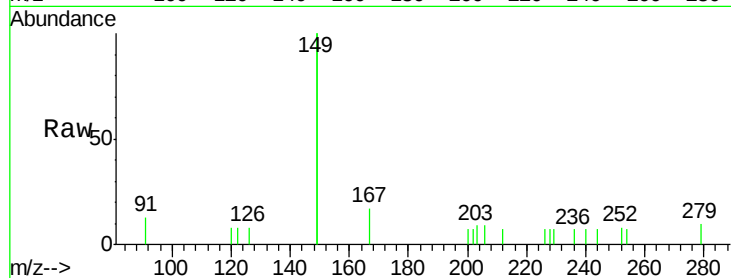
Tgt Ion:149 Resp: 1305

Ion Ratio Lower Upper

149 100

167 7.7 5.4 8.0

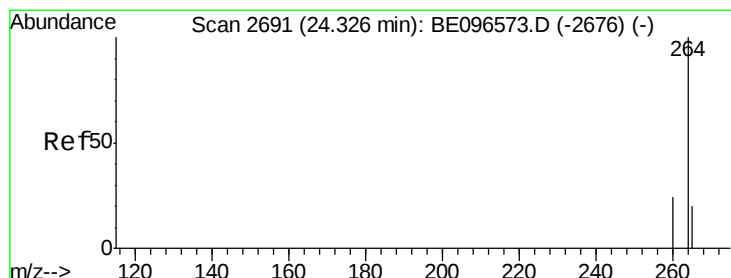
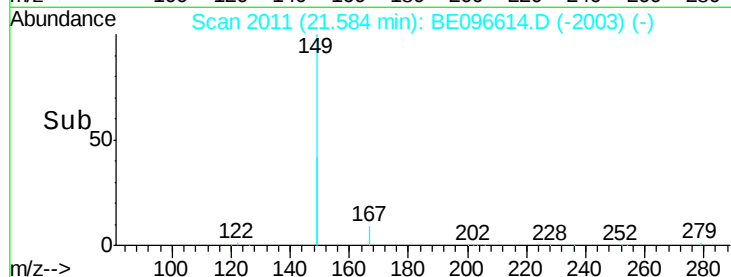
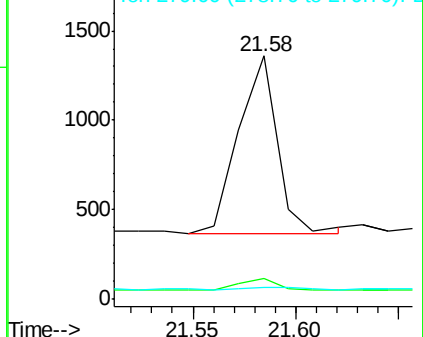
279 2.4 0.7 1.1#



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: 0.40 ng

RT: 24.33 min Scan# 2692

Delta R.T. 0.00 min

Lab File: BE096614.D

Acq: 17 May 2018 17:48

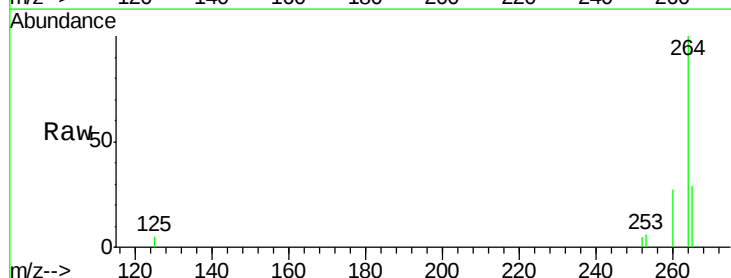
Tgt Ion:264 Resp: 3049

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

