

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071318\
 Data File : BE096923.D
 Acq On : 14 Jul 2018 3:47
 Operator : SJ/JU
 Sample : J3921-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180619

Quant Time: Jul 14 04:35:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 17:02:57 2018
 Response via : Initial Calibration

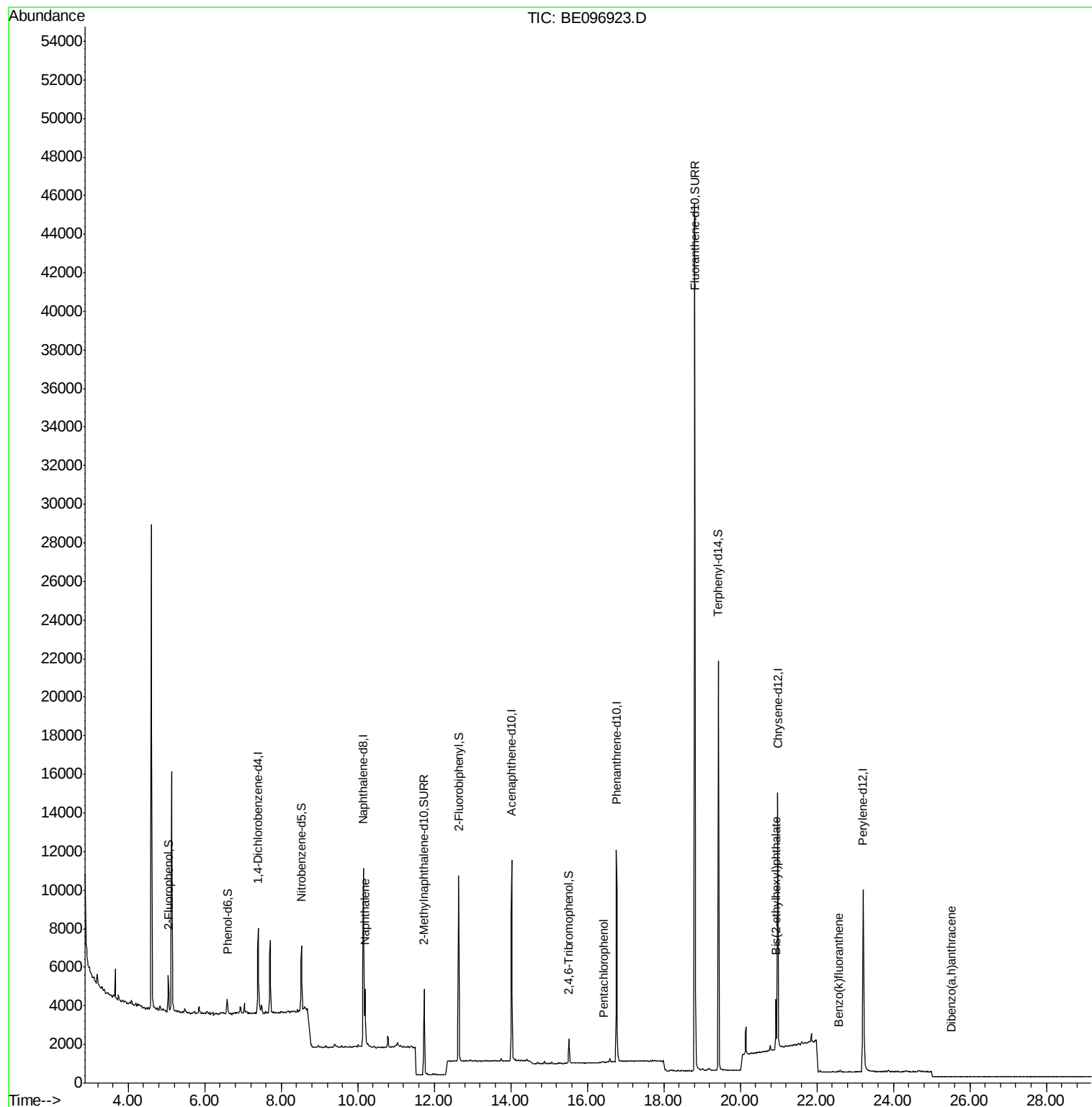
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2029	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	10200	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	5992	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	15212	0.40	ng	0.00
27) Chrysene-d12	20.98	240	13131	0.40	ng	0.00
34) Perylene-d12	23.21	264	13381	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	880	0.19	ng	0.00
5) Phenol-d6	6.59	99	734	0.11	ng	0.00
8) Nitrobenzene-d5	8.53	82	3051	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	6147	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	721	0.51	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	8930	0.41	ng	0.00
25) Fluoranthene-d10	18.81	212	59080	0.44	ng	0.00
29) Terphenyl-d14	19.43	244	17346	0.68	ng	0.00
Target Compounds						
9) Naphthalene	10.20	128	3888	0.042	ng	Qvalue # 93
22) Pentachlorophenol	16.43	266	11	0.044	ng	90
32) Bis(2-ethylhexyl)phthalate	20.93	149	2799	0.107	ng	100
36) Benzo(k)fluoranthene	22.58	252	10	0.084	ng	# 1
38) Dibenzo(a,h)anthracene	25.53	278	4	0.109	ng	# 1

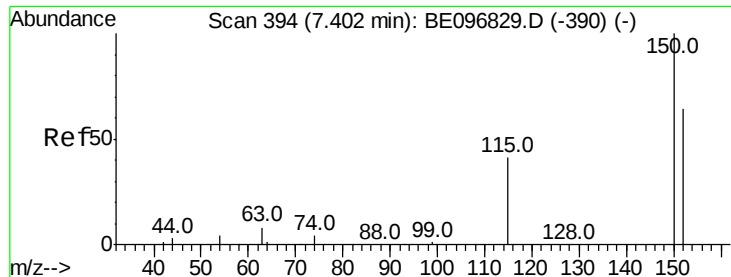
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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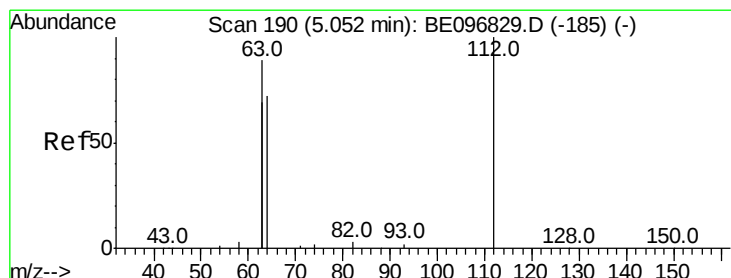
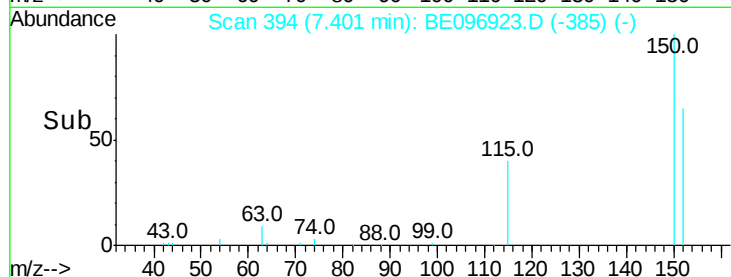
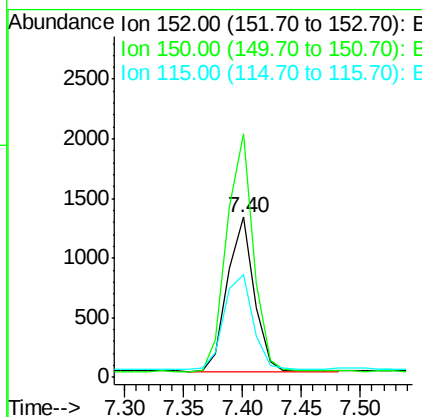
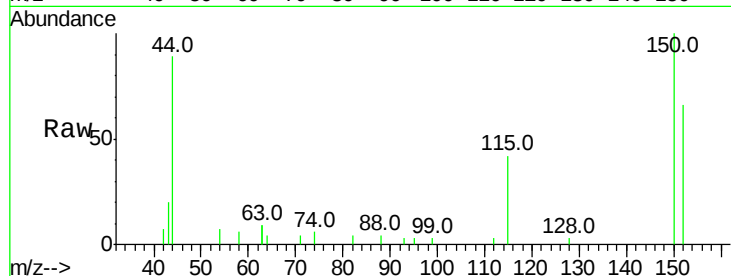


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.01 min
Lab File: BE096923.D
Acq: 14 Jul 2018 3:47

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180619

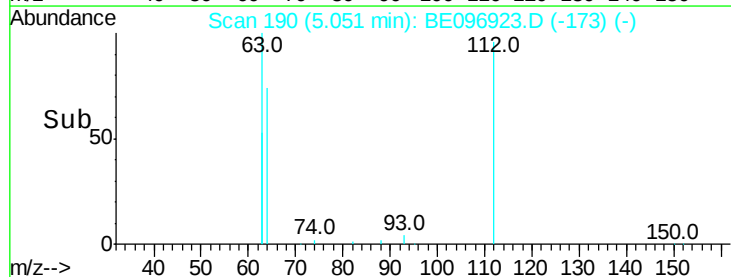
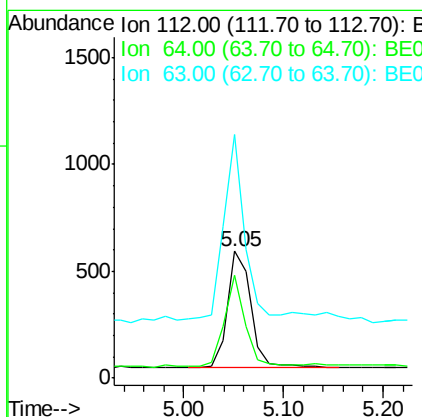
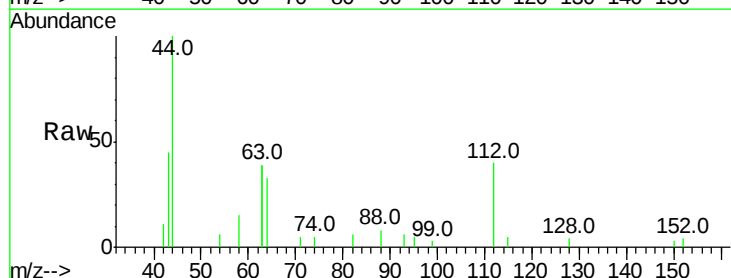
Tot Ion:152 Resp: 2029
Ion Ratio Lower Upper
152 100
150 152.2 117.2 175.8
115 63.9 57.0 85.6

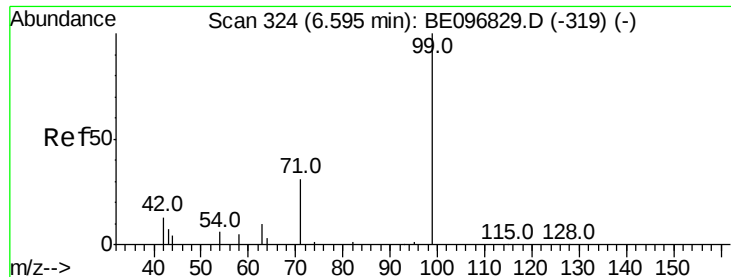


#4

2-Fluorophenol
Concen: 0.194 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE096923.D
Acq: 14 Jul 2018 3:47

Tgt Ion:112 Resp: 880
Ion Ratio Lower Upper
112 100
64 73.4 60.1 90.1
63 146.7 116.8 175.2





#5

Phenol-d6

Concen: 0.109 ng

RT: 6.59 min Scan# 324

Delta R.T. 0.01 min

Lab File: BE096923.D

Acq: 14 Jul 2018 3:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180619

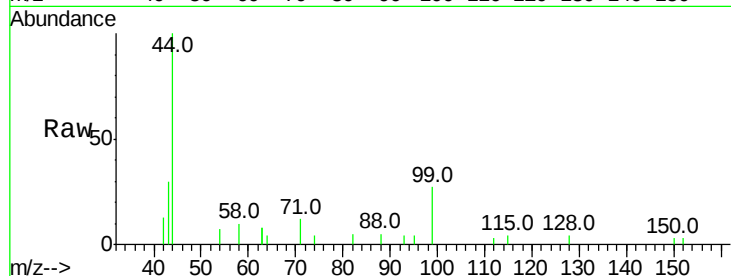
Tot Ion: 99 Resp: 734

Ion Ratio Lower Upper

99 100

42 28.2 20.2 30.2

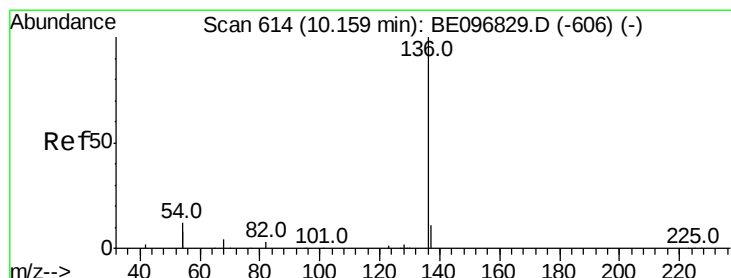
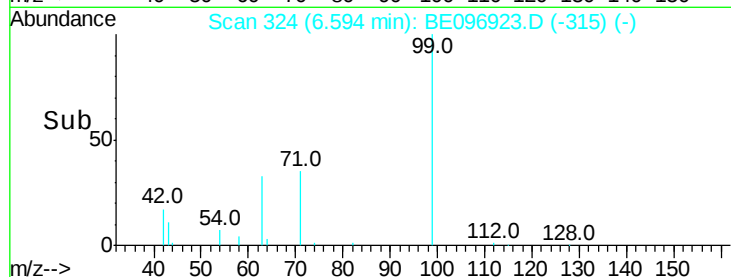
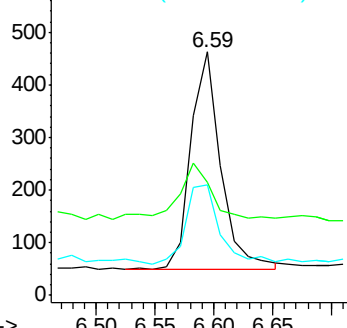
71 41.0 28.4 42.6



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE096923.D

Acq: 14 Jul 2018 3:47

Tgt Ion:136 Resp: 10200

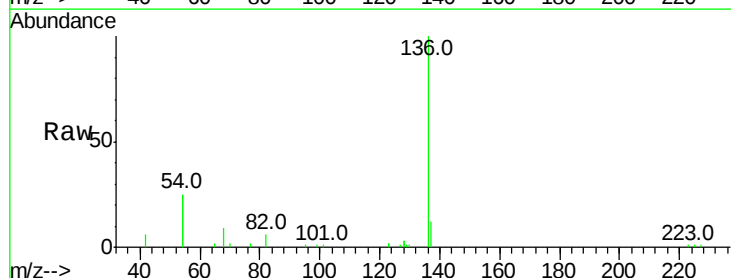
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 49.1 29.1 43.7#

68 9.1 6.2 9.2

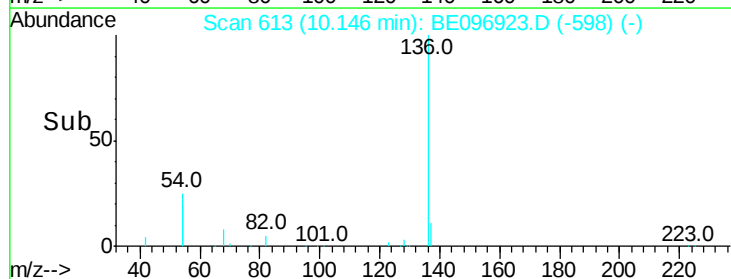
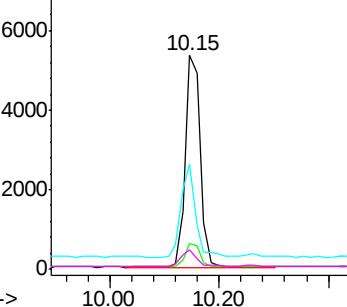


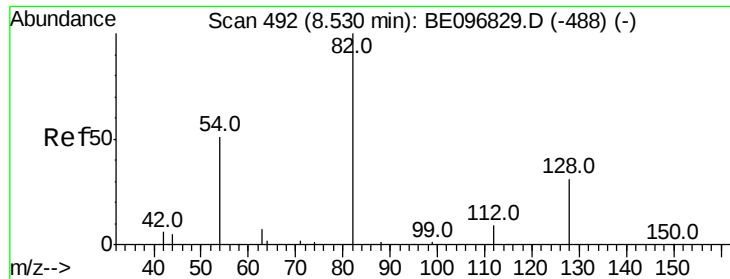
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.494 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE096923.D

Acq: 14 Jul 2018 3:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180619

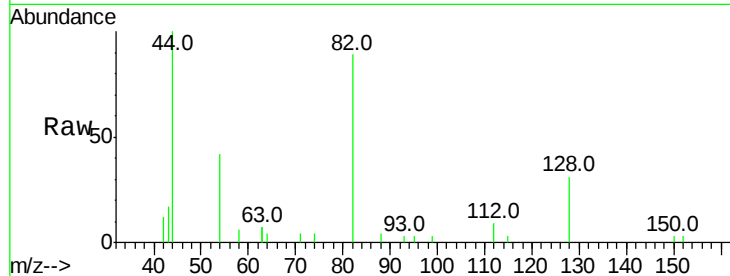
Tot Ion: 82 Resp: 3051

Ion Ratio Lower Upper

82 100

128 35.4 24.0 36.0

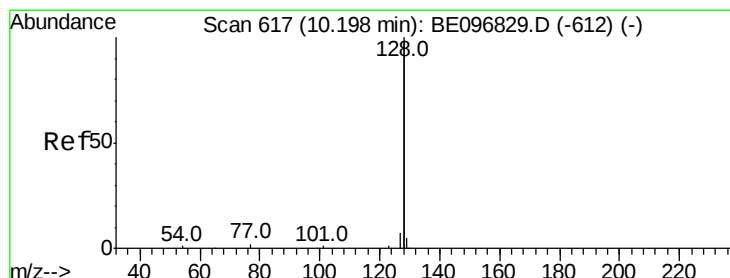
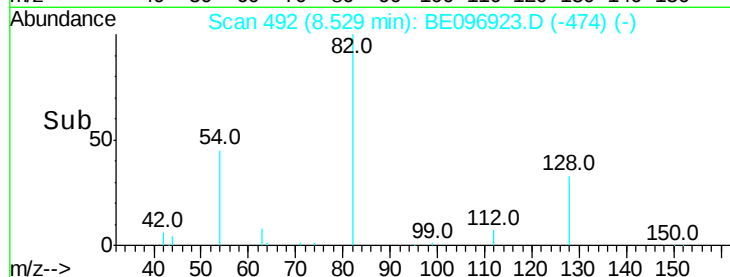
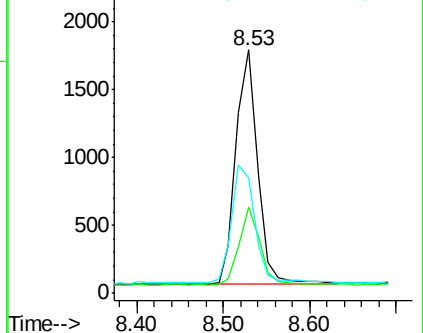
54 47.6 40.0 60.0



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: 0.042 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE096923.D

Acq: 14 Jul 2018 3:47

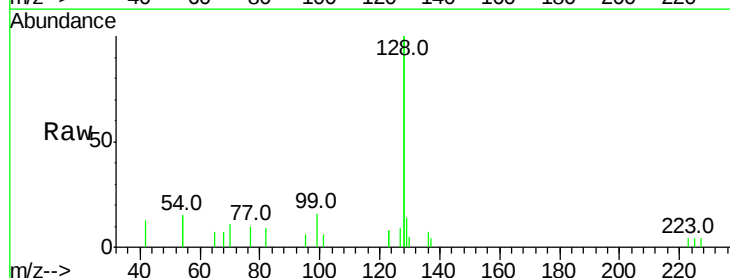
Tgt Ion:128 Resp: 3888

Ion Ratio Lower Upper

128 100

129 6.9 2.6 3.8#

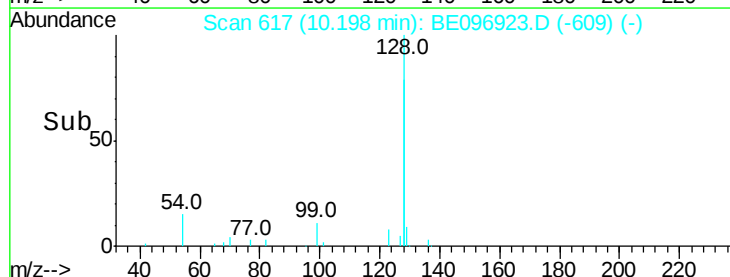
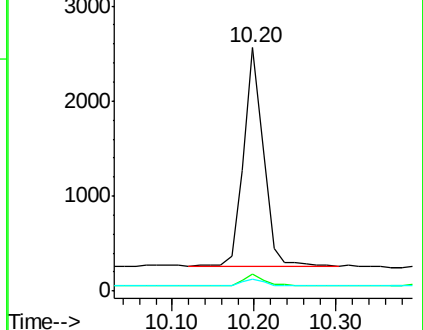
127 4.7 2.8 4.2#

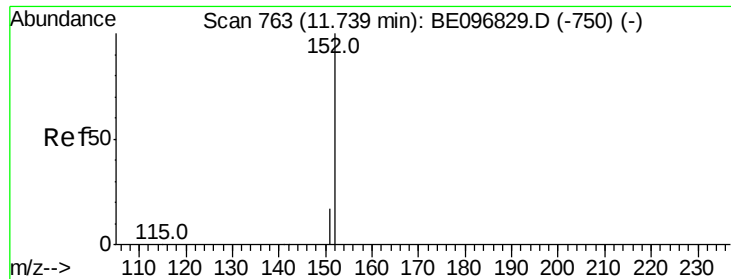


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

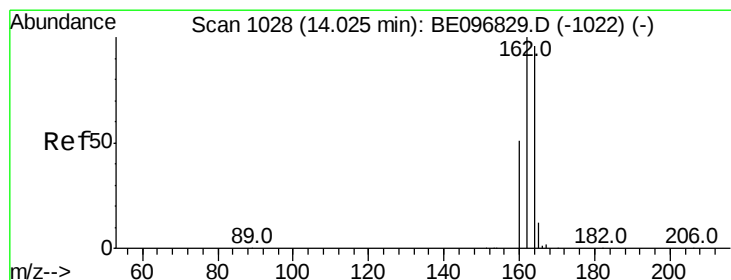
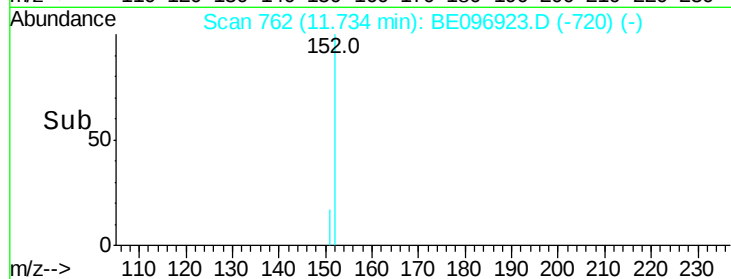
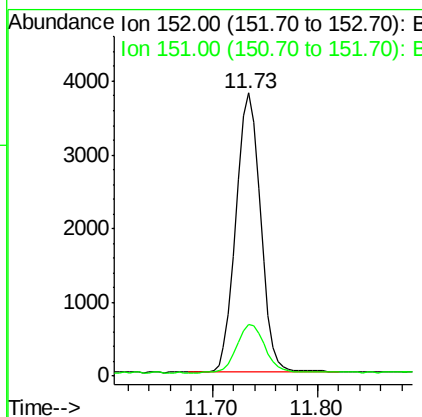
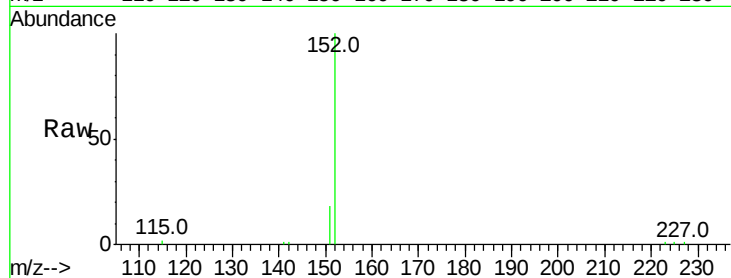




#11
2-Methylnaphthalene-d10
Concen: 0.419 ng
RT: 11.73 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE096923.D
Acq: 14 Jul 2018 3:47

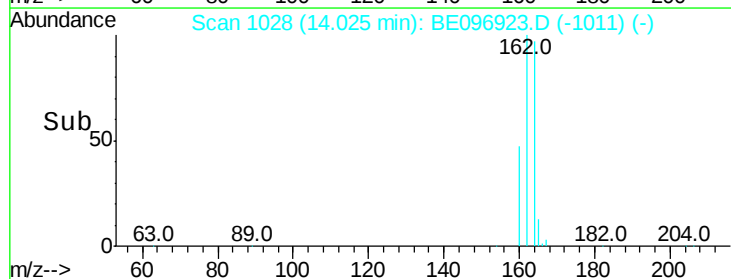
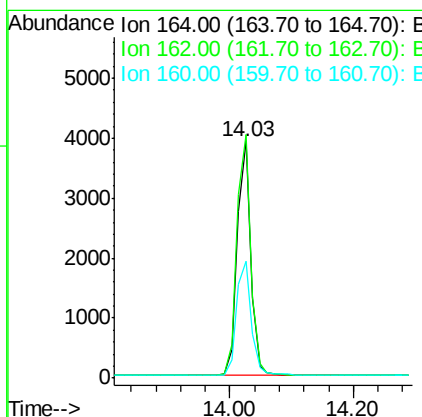
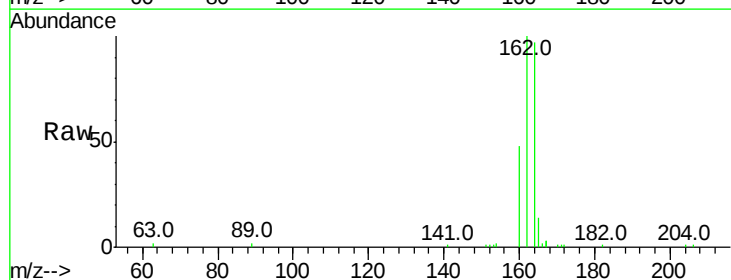
Instrument :
BNA_E
ClientSampleId :
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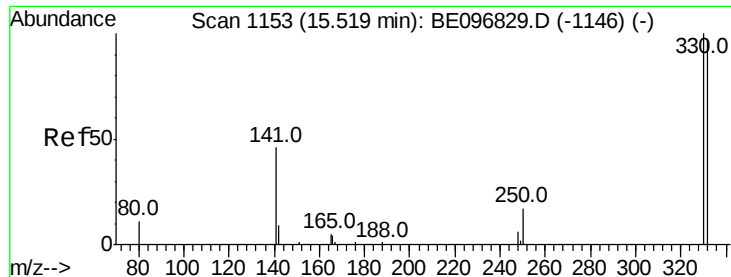
Tot Ion:152 Resp: 6147
Ion Ratio Lower Upper
152 100
151 19.1 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE096923.D
Acq: 14 Jul 2018 3:47

Tgt Ion:164 Resp: 5992
Ion Ratio Lower Upper
164 100
162 102.9 83.1 124.7
160 49.3 37.1 55.7





#14

2,4,6-Tribromophenol

Concen: 0.508 ng

RT: 15.52 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE096923.D

Acq: 14 Jul 2018 3:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180619

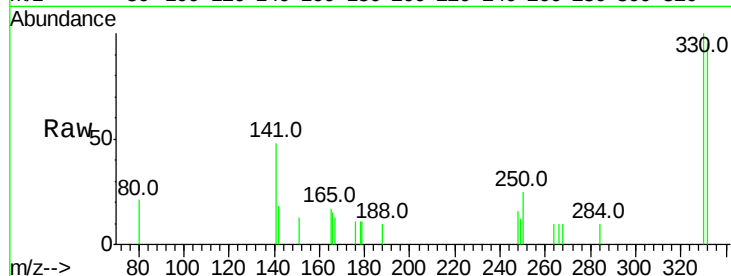
Tot Ion:330 Resp: 721

Ion Ratio Lower Upper

330 100

332 100.1 152.7 229.1#

141 42.0 33.7 50.5

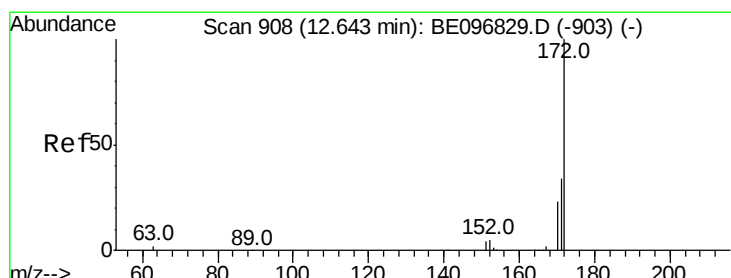
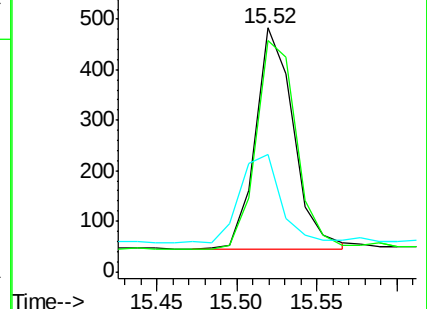
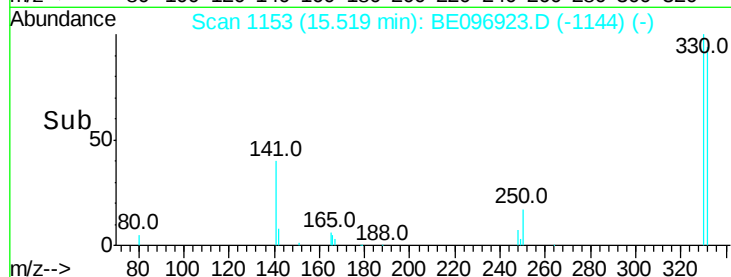


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->



#15

2-Fluorobiphenyl

Concen: 0.407 ng

RT: 12.64 min Scan# 908

Delta R.T. -0.00 min

Lab File: BE096923.D

Acq: 14 Jul 2018 3:47

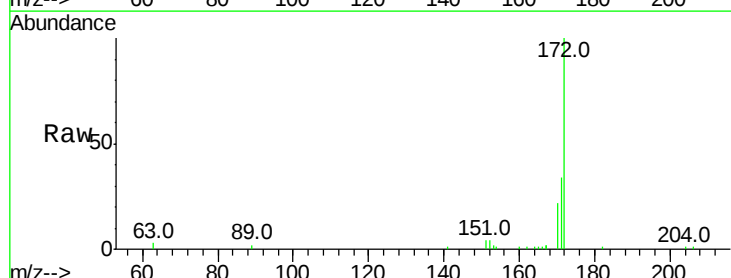
Tgt Ion:172 Resp: 8930

Ion Ratio Lower Upper

172 100

171 33.6 29.9 44.9

170 22.5 21.8 32.8

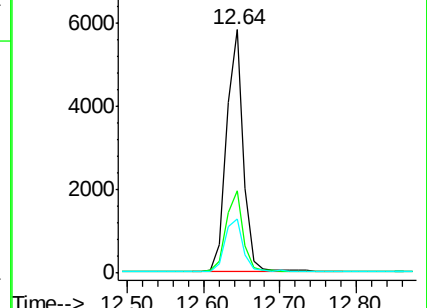
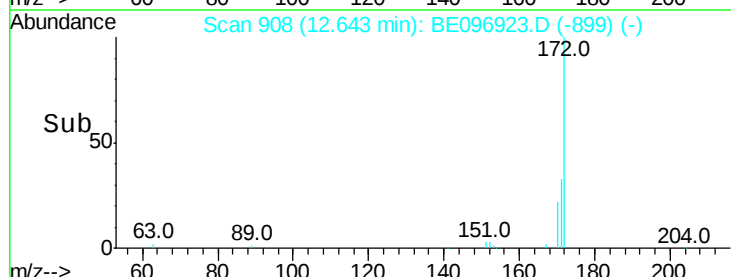


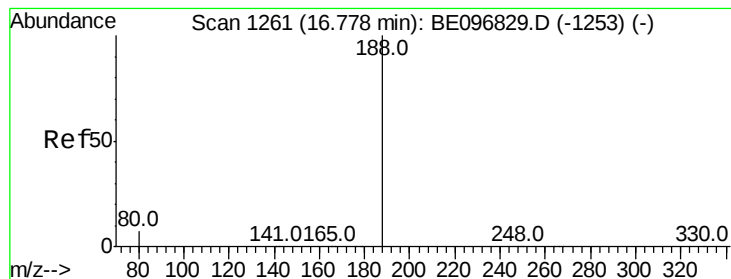
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BE096923.D

Acq: 14 Jul 2018 3:47

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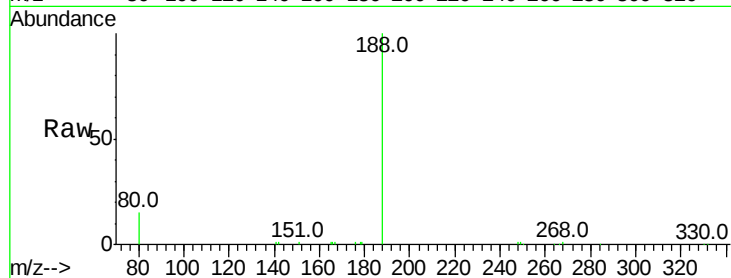
Tot Ion:188 Resp: 15212

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

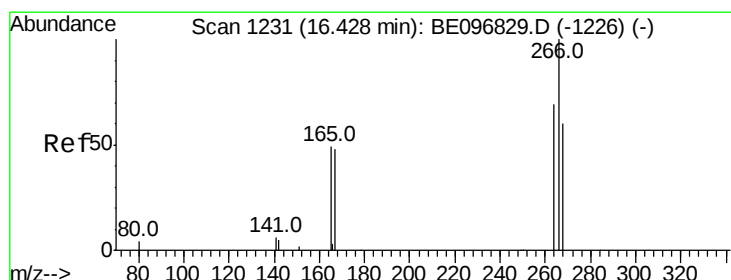
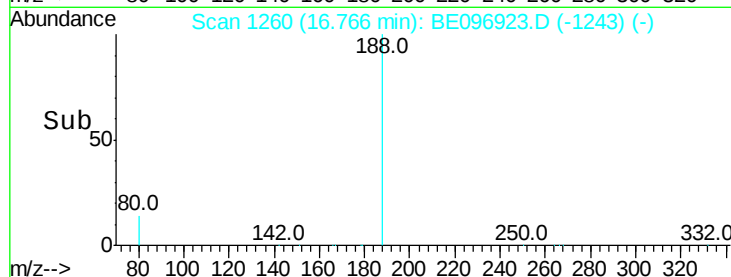
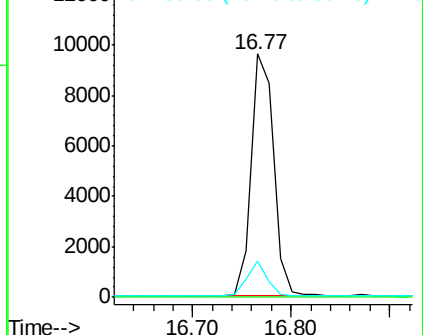
80 14.8 3.6 5.4#



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



#22

Pentachlorophenol

Concen: 0.044 ng

RT: 16.43 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BE096923.D

Acq: 14 Jul 2018 3:47

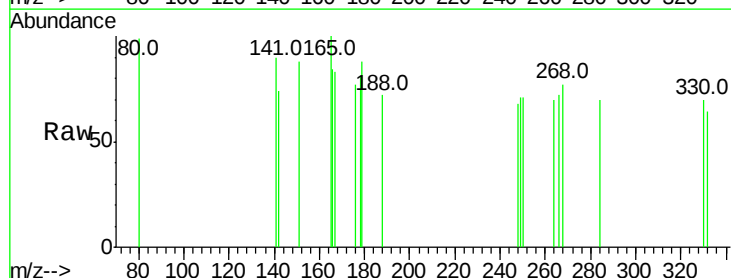
Tgt Ion:266 Resp: 11

Ion Ratio Lower Upper

266 100

264 96.0 72.5 108.7

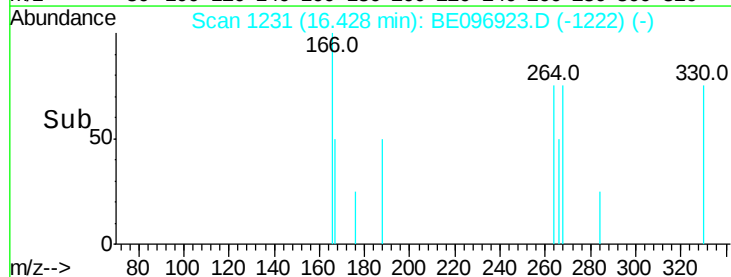
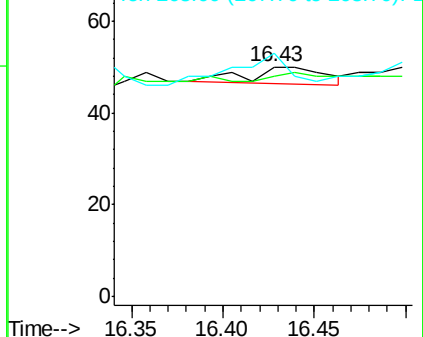
268 106.0 73.8 110.6

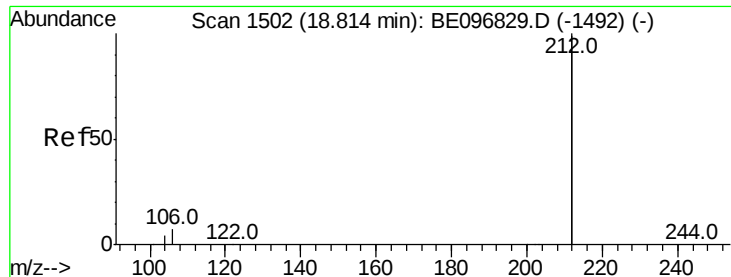


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.441 ng

RT: 18.81 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE096923.D

Acq: 14 Jul 2018 3:47

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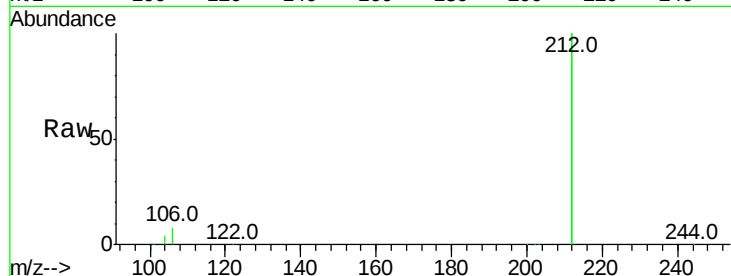
Tot Ion:212 Resp: 59080

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

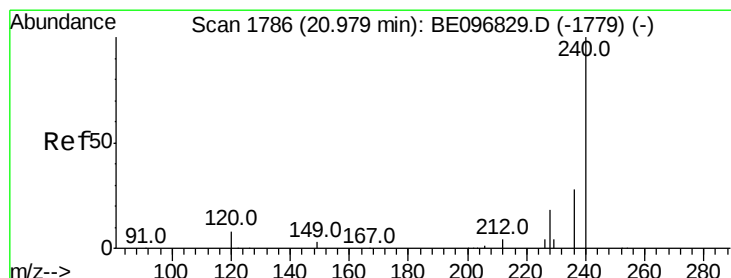
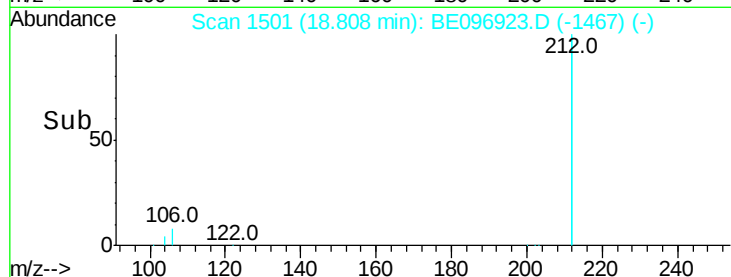
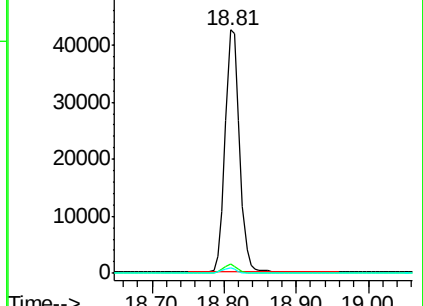
104 1.9 1.6 2.4



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: 20.98 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE096923.D

Acq: 14 Jul 2018 3:47

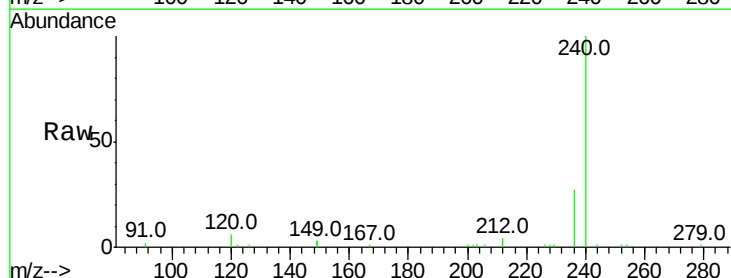
Tgt Ion:240 Resp: 13131

Ion Ratio Lower Upper

240 100

120 6.4 5.5 8.3

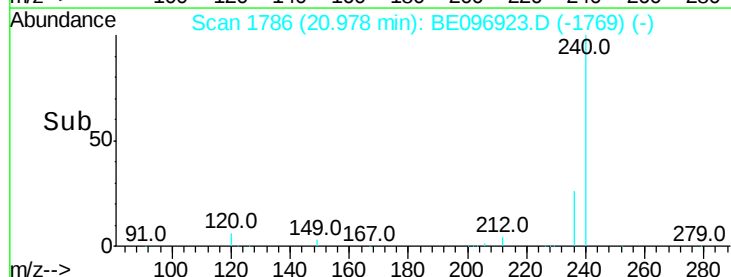
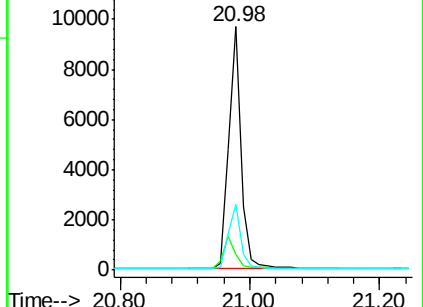
236 26.9 20.7 31.1

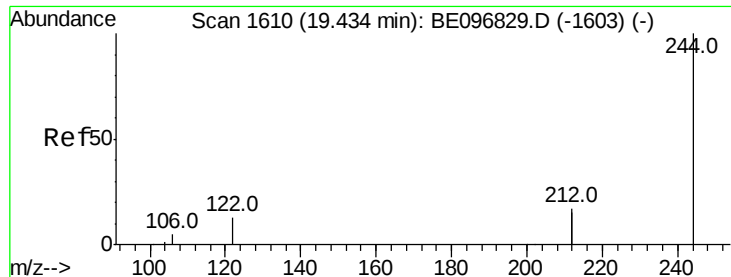


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.684 ng

RT: 19.43 min Scan# 1609

Delta R.T. -0.00 min

Lab File: BE096923.D

Acq: 14 Jul 2018 3:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180619

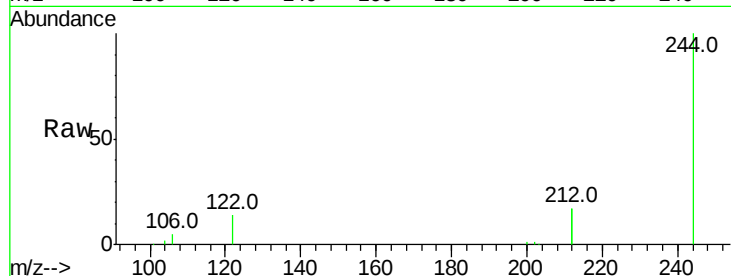
Tot Ion:244 Resp: 17346

Ion Ratio Lower Upper

244 100

212 33.0 25.4 38.0

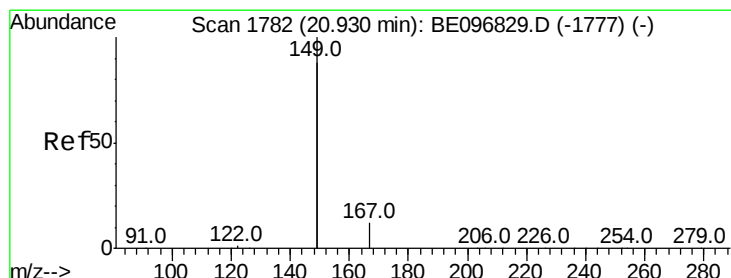
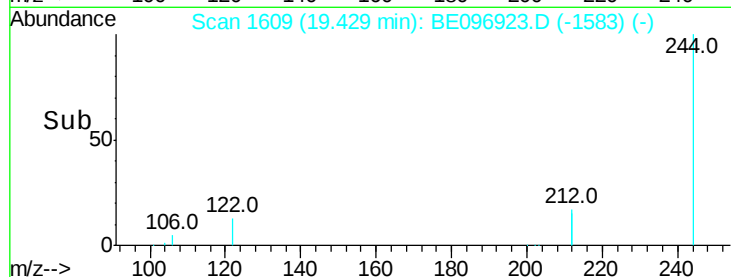
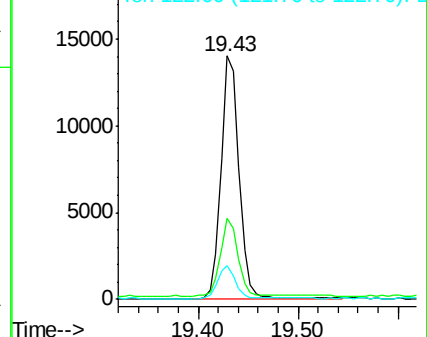
122 13.8 8.1 12.1#



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: 0.107 ng

RT: 20.93 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE096923.D

Acq: 14 Jul 2018 3:47

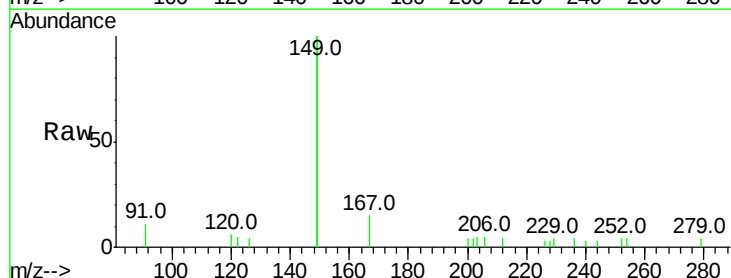
Tgt Ion:149 Resp: 2799

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

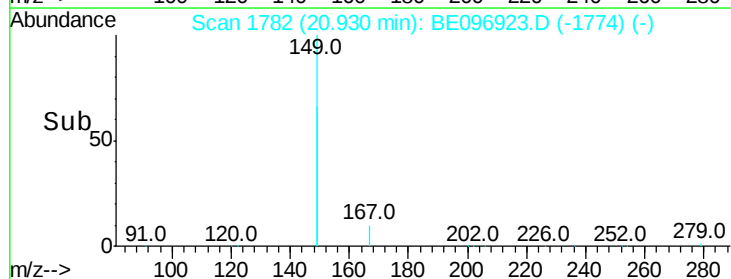
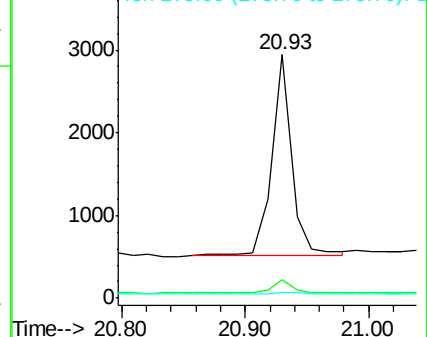
279 1.0 0.7 1.1

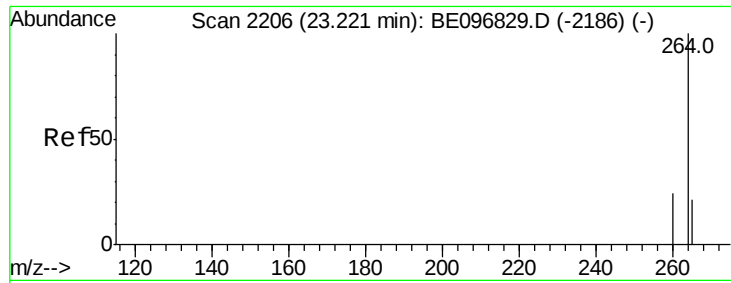


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

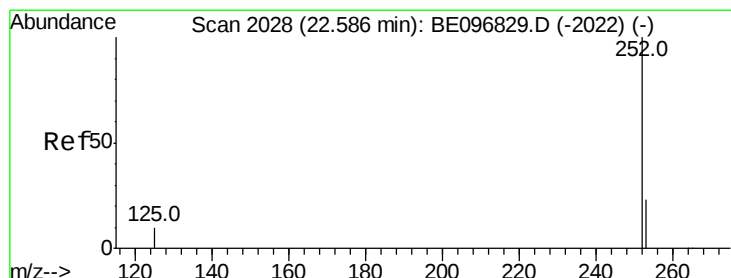
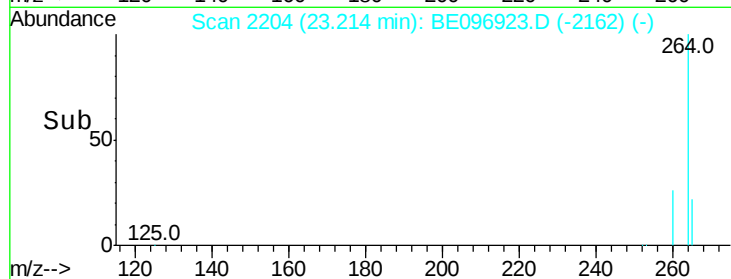
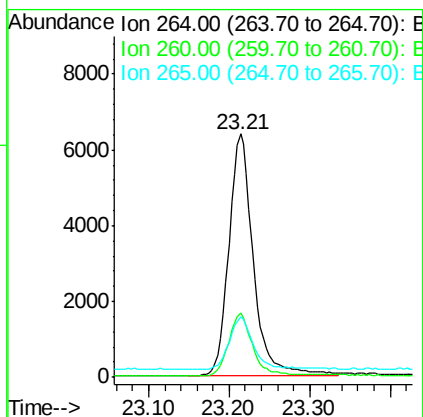
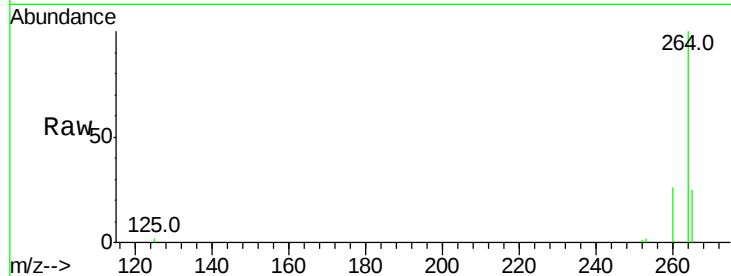




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BE096923.D
Acq: 14 Jul 2018 3:47

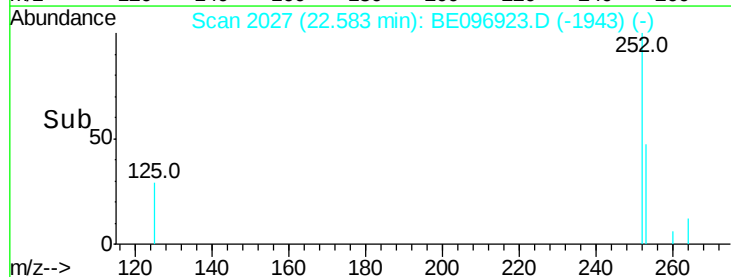
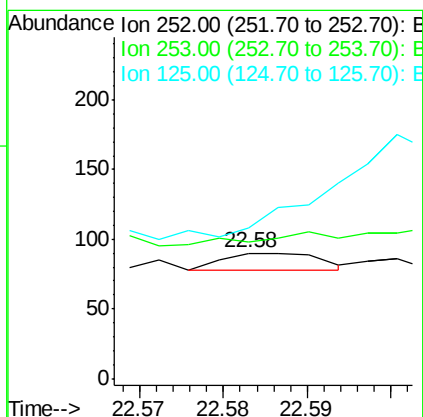
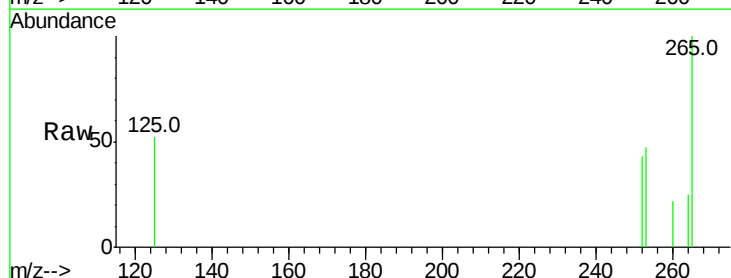
Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180619

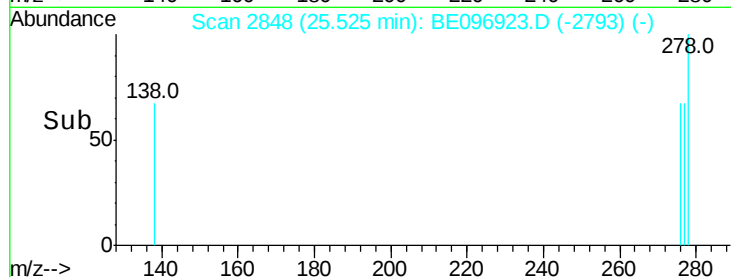
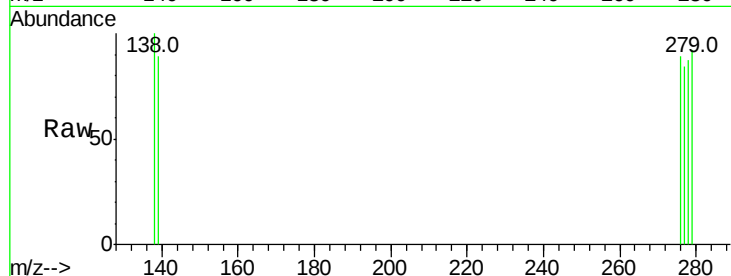
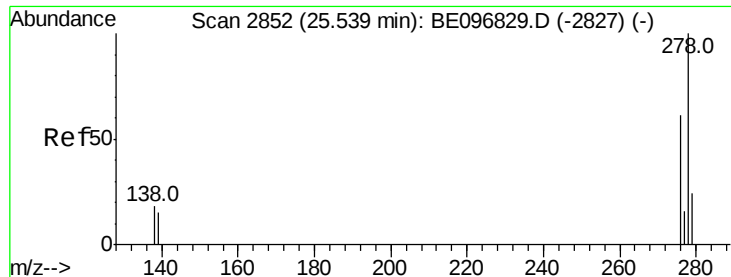
Tot Ion:264 Resp: 13381
Ion Ratio Lower Upper
264 100
260 26.2 20.5 30.7
265 24.8 22.8 34.2



#36
Benzo(k)fluoranthene
Concen: 0.084 ng
RT: 22.58 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE096923.D
Acq: 14 Jul 2018 3:47

Tgt Ion:252 Resp: 10
Ion Ratio Lower Upper
252 100
253 108.9 16.0 24.0#
125 120.0 8.0 12.0#





#38

Dibenzo(a,h)anthracene

Concen: 0.109 ng

RT: 25.53 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BE096923.D

Acq: 14 Jul 2018 3:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180619

Tot Ion:	278	Resp:	4
Ion	Ratio	Lower	Upper
278	100		
139	101.9	16.0	24.0#
279	105.6	20.0	30.0#

