

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080517\
 Data File : BE093689.D
 Acq On : 5 Aug 2017 23:50
 Operator : SJ/JU
 Sample : I4427-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LASB-141-1

Quant Time: Aug 06 03:44:05 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 10:58:31 2017
 Response via : Initial Calibration

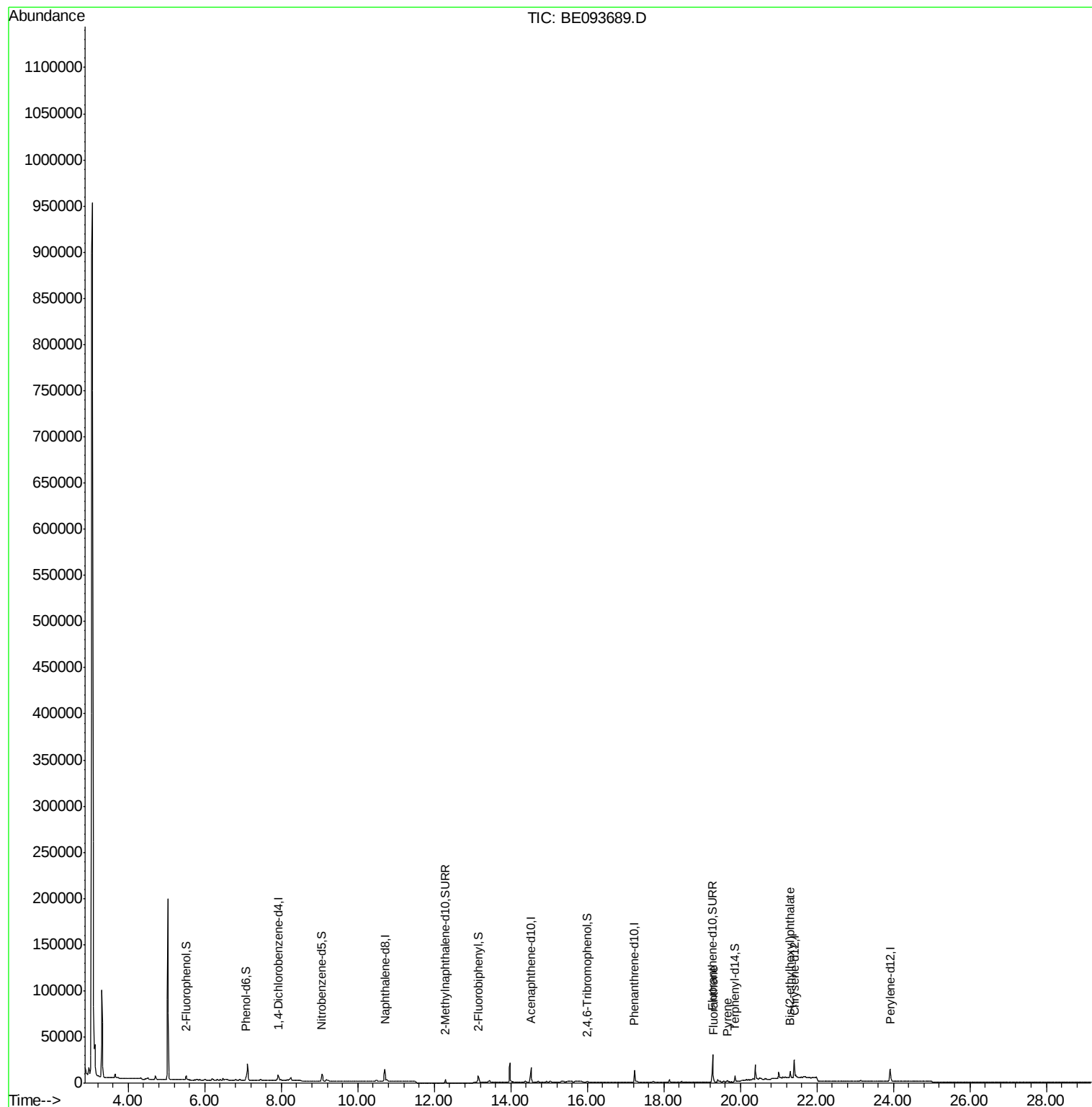
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3069	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	15640	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	8902	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	20265	0.40	ng	0.00
27) Chrysene-d12	21.41	240	22477	0.40	ng	0.00
34) Perylene-d12	23.92	264	20438	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	2427	0.27	ng	0.00
5) Phenol-d6	7.09	99	3898	0.28	ng	-0.01
8) Nitrobenzene-d5	9.06	82	3311	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5057	0.20	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	518	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6622	0.19	ng	-0.02
25) Fluoranthene-d10	19.27	212	38264	0.17	ng	0.00
29) Terphenyl-d14	19.86	244	5866	0.15	ng	0.00
Target Compounds						
26) Fluoranthene	19.30	202	1632	0.023	ng	# 78
28) Pyrene	19.67	202	1468	0.020	ng	# 96
32) Bis(2-ethylhexyl)phthalate	21.30	149	9082	0.101	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: 7.92 min Scan# 402

Delta R.T. -0.01 min

Lab File: BE093689.D

Acq: 5 Aug 2017 23:50

Instrument :

BNA_E

ClientSampleId :

LASB-141-1

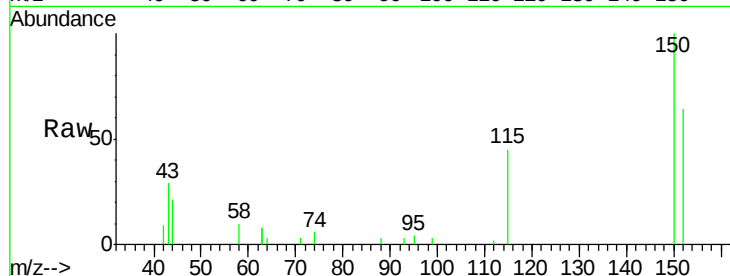
Tgt Ion:152 Resp: 3069

Ion Ratio Lower Upper

152 100

150 155.5 125.1 187.7

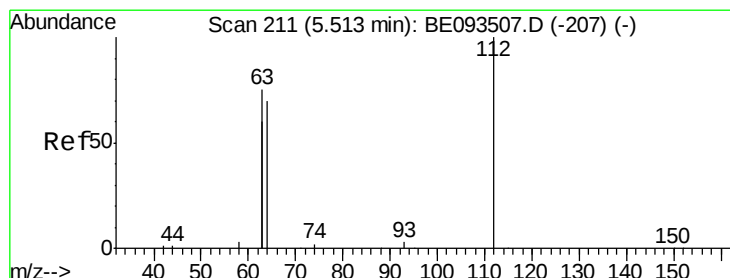
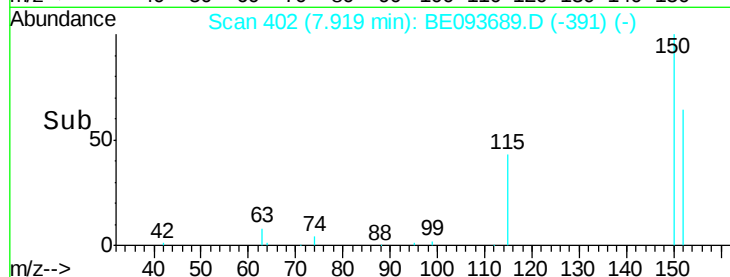
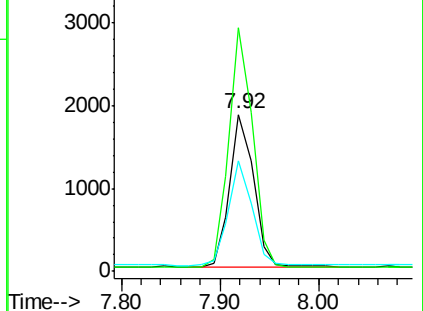
115 70.7 55.7 83.5



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



#4

2-Fluorophenol

Concen: 0.265 ng

RT: 5.51 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093689.D

Acq: 5 Aug 2017 23:50

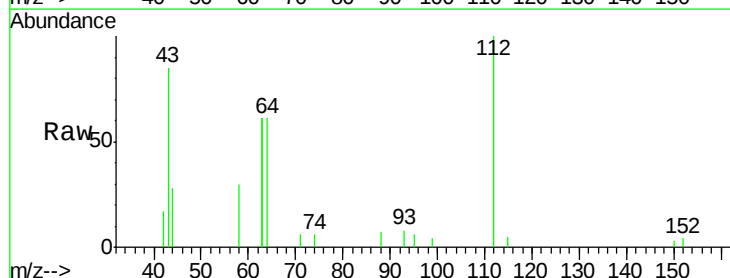
Tgt Ion:112 Resp: 2427

Ion Ratio Lower Upper

112 100

64 75.0 56.4 84.6

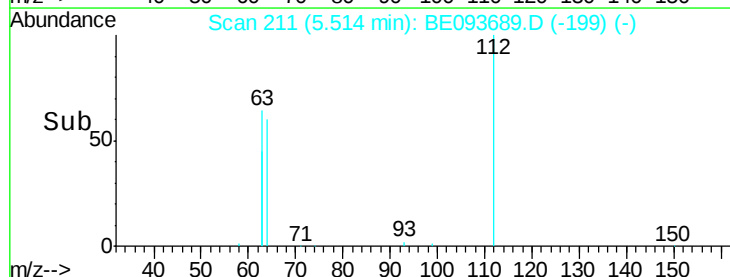
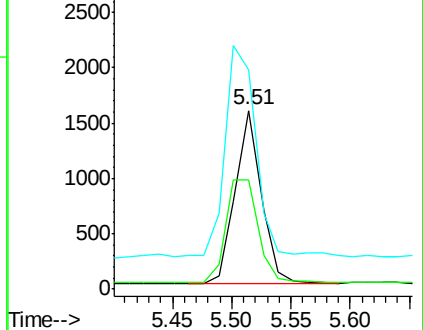
63 143.4 29.3 43.9#

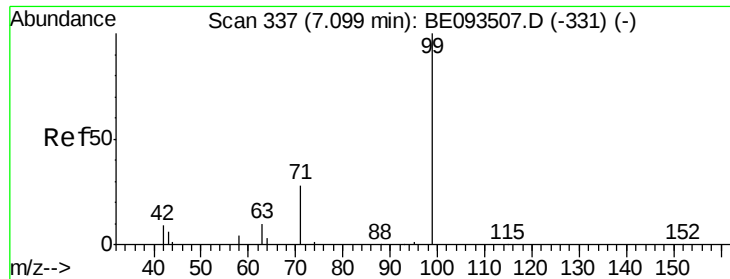


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.283 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093689.D

Acq: 5 Aug 2017 23:50

Instrument :

BNA_E

ClientSampleId :

LASB-141-1

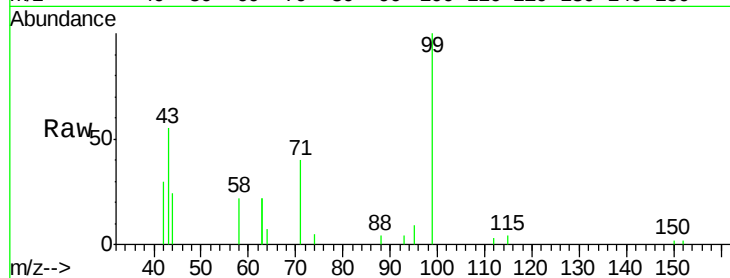
Tgt Ion: 99 Resp: 3898

Ion Ratio Lower Upper

99 100

42 38.8 0.0 0.0#

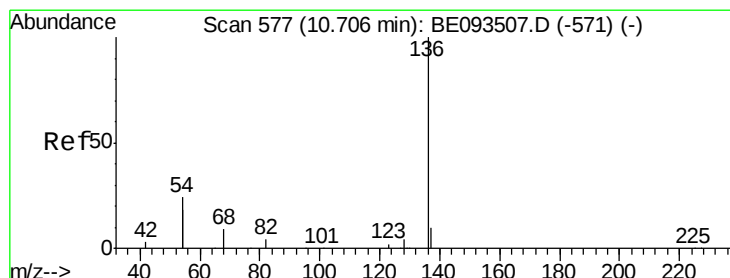
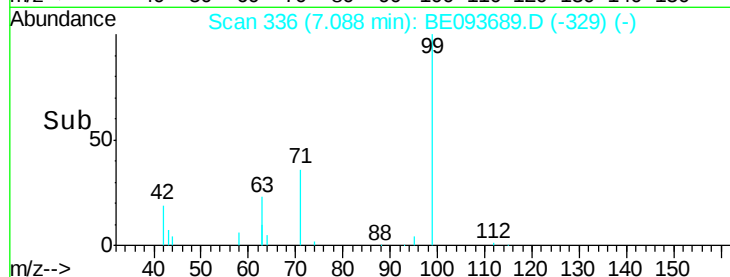
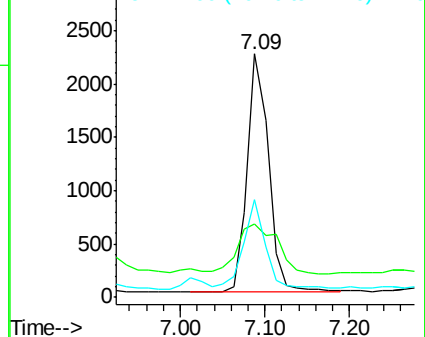
71 37.8 0.0 0.0#



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: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093689.D

Acq: 5 Aug 2017 23:50

Tgt Ion: 136 Resp: 15640

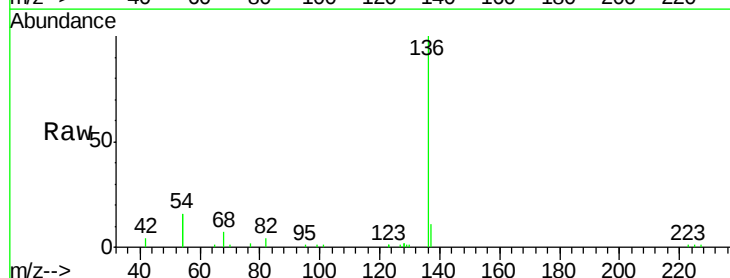
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 31.9 10.3 15.5#

68 6.8 9.0 13.4#

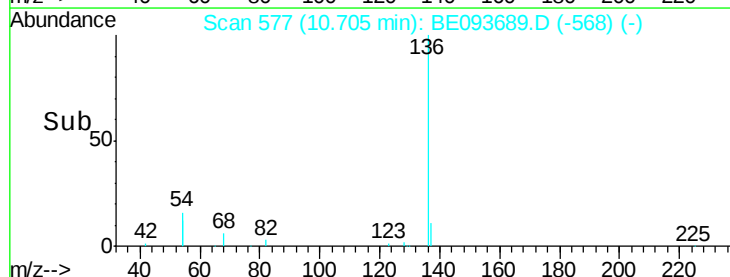
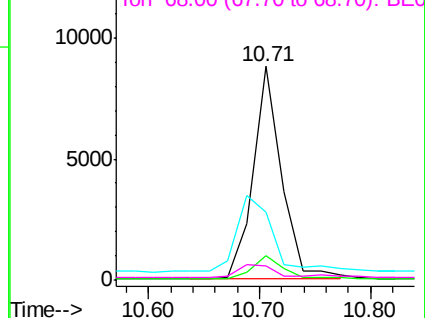


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.277 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093689.D

Acq: 5 Aug 2017 23:50

Instrument :

BNA_E

ClientSampleId :

LASB-141-1

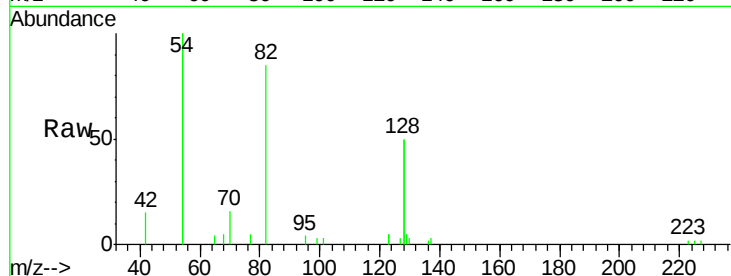
Tgt Ion: 82 Resp: 3311

Ion Ratio Lower Upper

82 100

128 116.6 17.0 25.4#

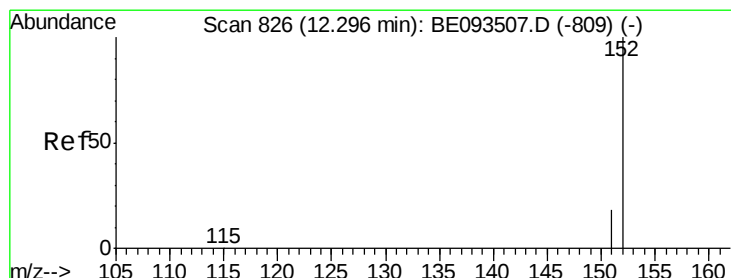
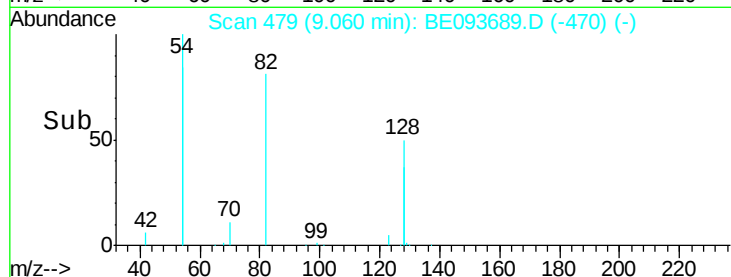
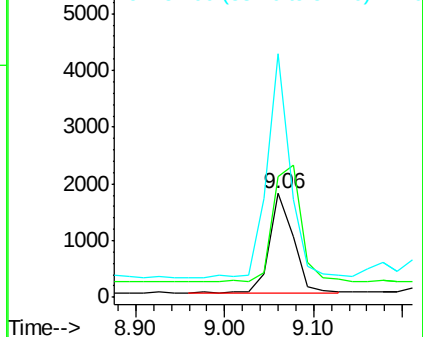
54 234.8 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE093507.D (-477) (-)

Ion 128.00 (127.70 to 128.70): BE093507.D (-477) (-)

Ion 54.00 (53.70 to 54.70): BE093507.D (-477) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.205 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093689.D

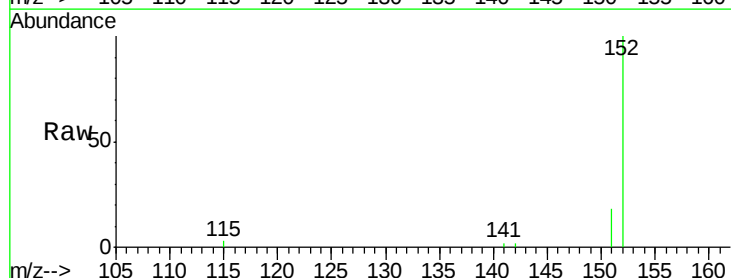
Acq: 5 Aug 2017 23:50

Tgt Ion: 152 Resp: 5057

Ion Ratio Lower Upper

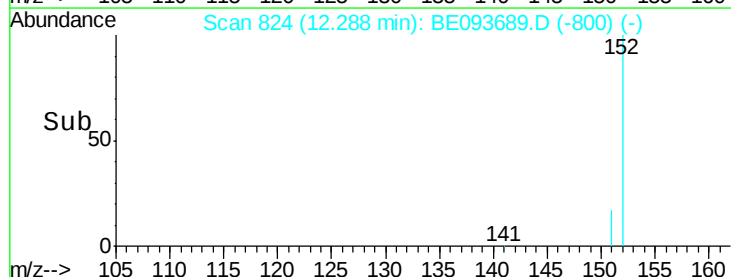
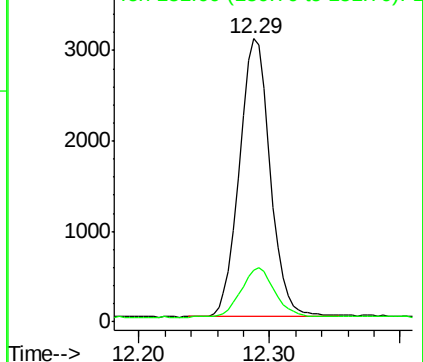
152 100

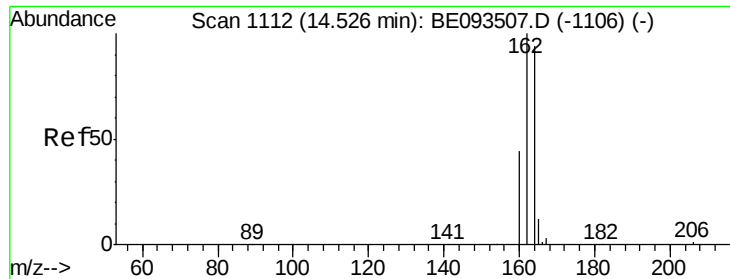
151 19.4 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE093507.D (-809) (-)

Ion 151.00 (150.70 to 151.70): BE093507.D (-809) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BE093689.D

Acq: 5 Aug 2017 23:50

Instrument :

BNA_E

ClientSampleId :

LASB-141-1

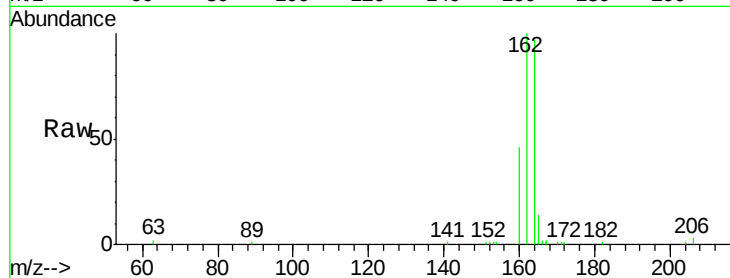
Tgt Ion:164 Resp: 8902

Ion Ratio Lower Upper

164 100

162 103.0 84.6 127.0

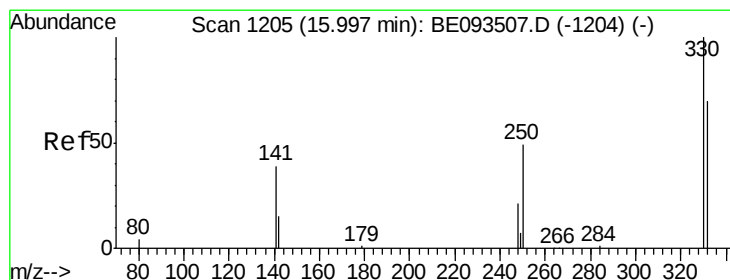
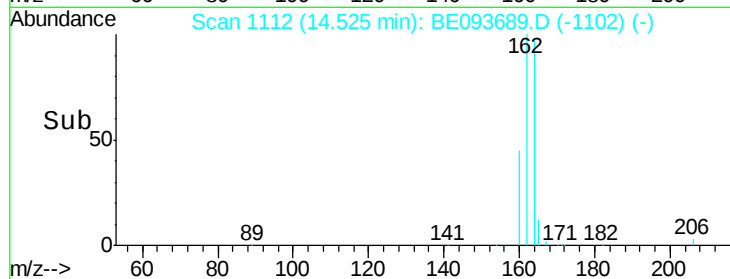
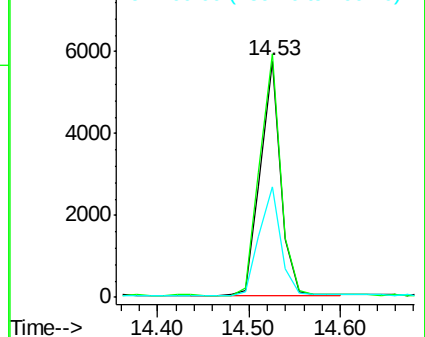
160 46.9 41.8 62.6



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: 0.302 ng

RT: 16.00 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BE093689.D

Acq: 5 Aug 2017 23:50

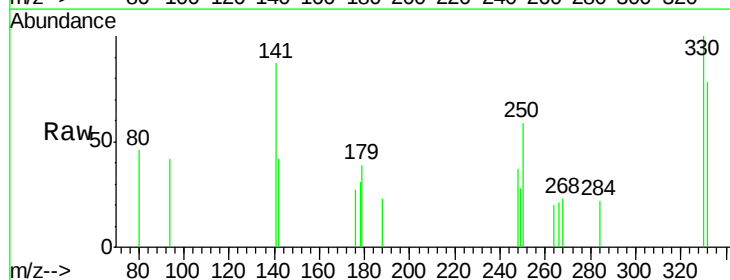
Tgt Ion:330 Resp: 518

Ion Ratio Lower Upper

330 100

332 90.2 77.7 116.5

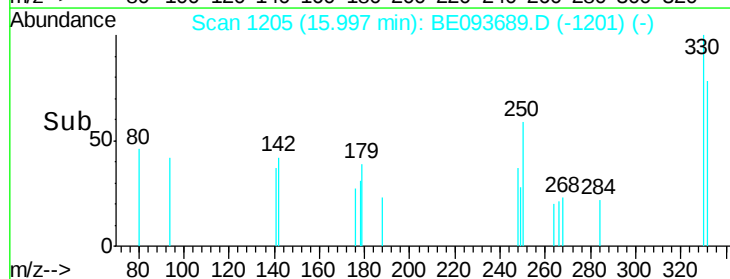
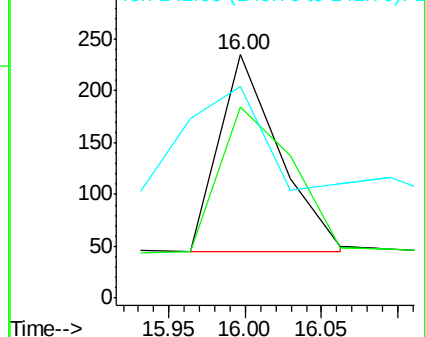
141 65.3 56.2 84.4

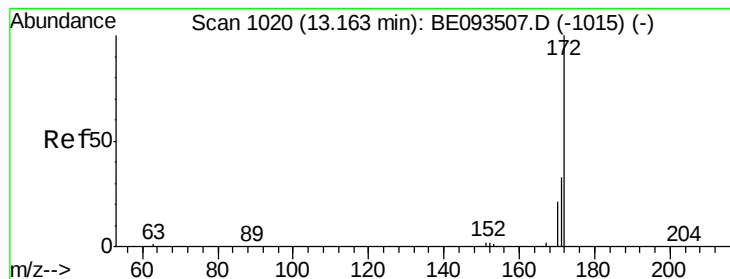


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.186 ng

RT: 13.15 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BE093689.D

Acq: 5 Aug 2017 23:50

Instrument :

BNA_E

ClientSampleId :

LASB-141-1

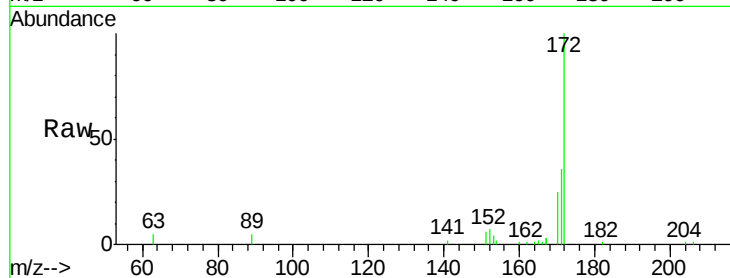
Tgt Ion:172 Resp: 6622

Ion Ratio Lower Upper

172 100

171 36.0 29.8 44.6

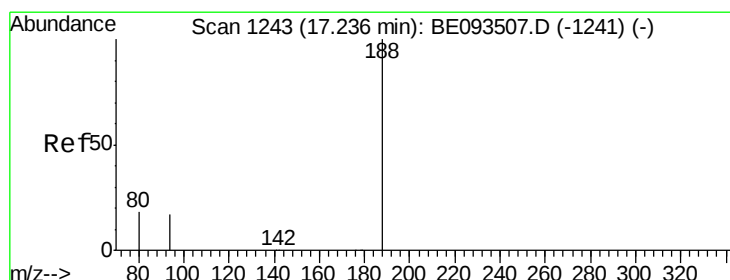
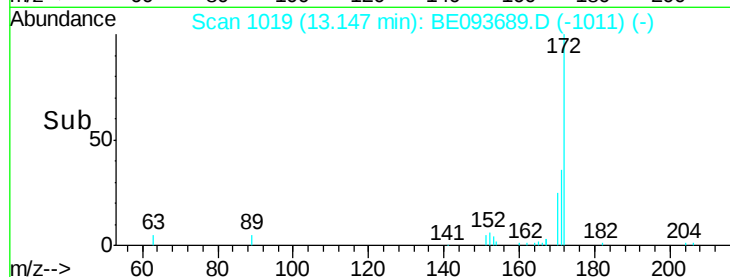
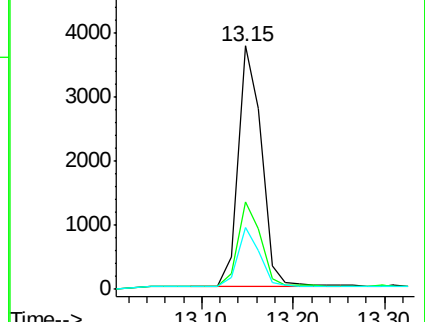
170 25.3 20.7 31.1



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: 17.24 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093689.D

Acq: 5 Aug 2017 23:50

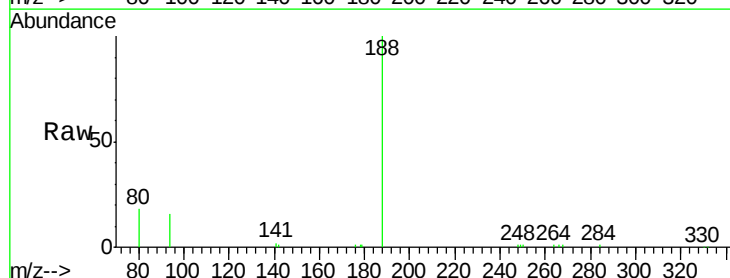
Tgt Ion:188 Resp: 20265

Ion Ratio Lower Upper

188 100

94 16.3 11.3 16.9

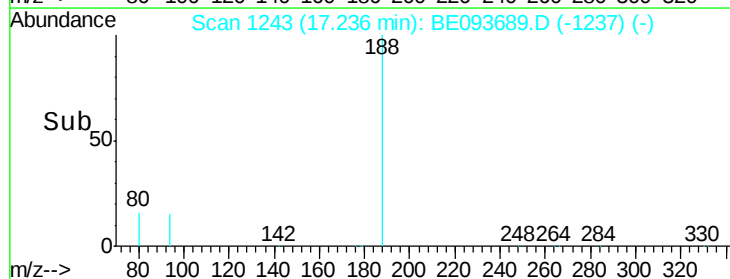
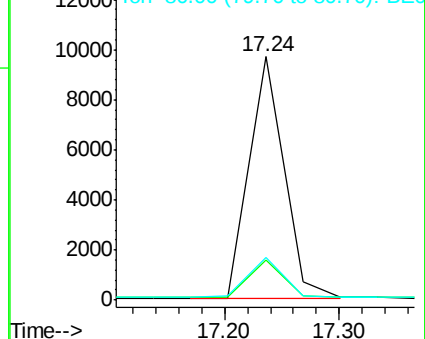
80 17.5 11.7 17.5#

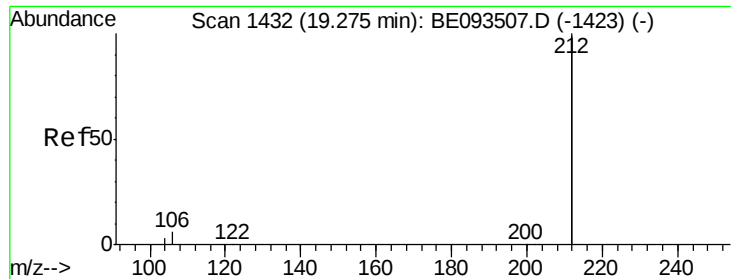


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.166 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093689.D

Acq: 5 Aug 2017 23:50

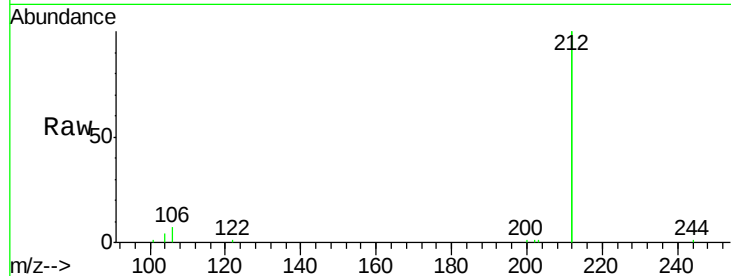
Instrument :

BNA_E

ClientSampleId :

LASB-141-1

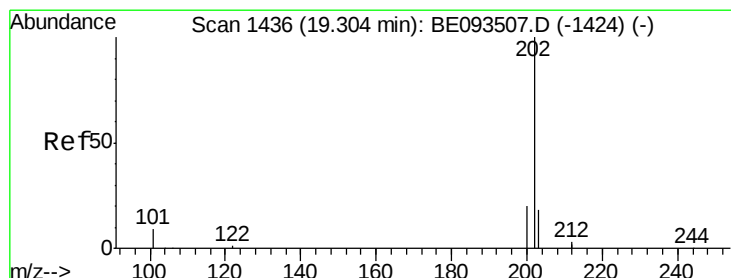
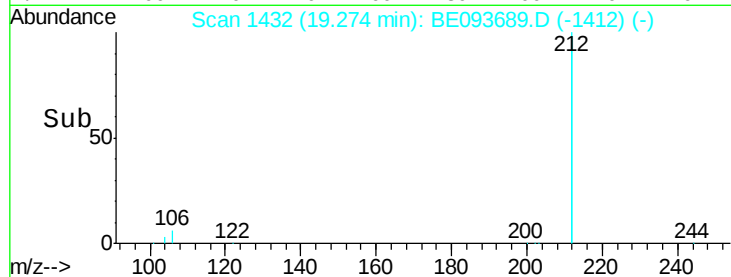
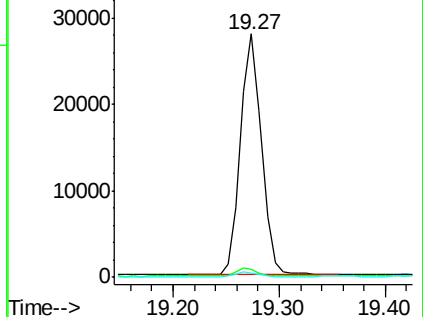
Tgt Ion:	212	Resp:	38264
Ion	Ratio	Lower	Upper
212	100		
106	3.7	2.4	3.6#
104	2.0	1.6	2.4



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



#26

Fluoranthene

Concen: 0.023 ng

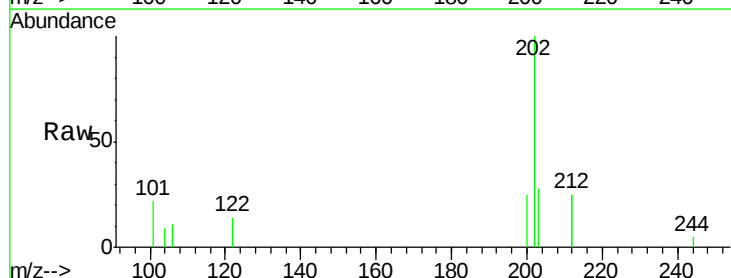
RT: 19.30 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE093689.D

Acq: 5 Aug 2017 23:50

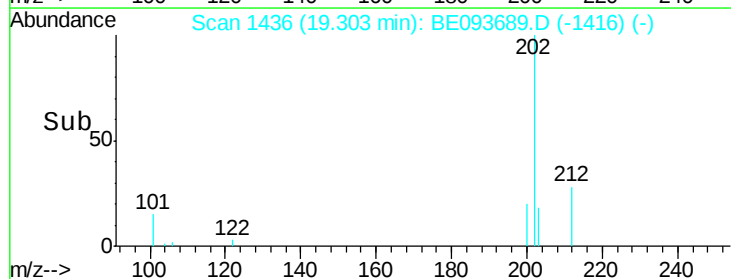
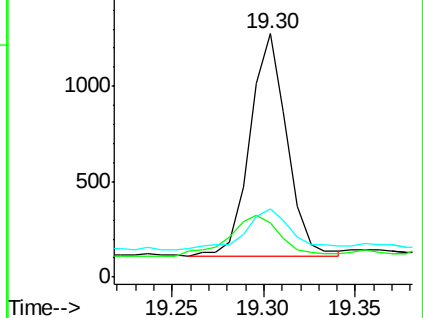
Tgt Ion:	202	Resp:	1632
Ion	Ratio	Lower	Upper
202	100		
101	26.8	9.6	14.4#
203	23.3	14.4	21.6#

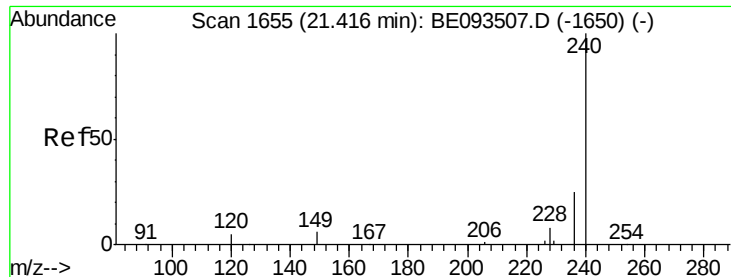


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BE093689.D

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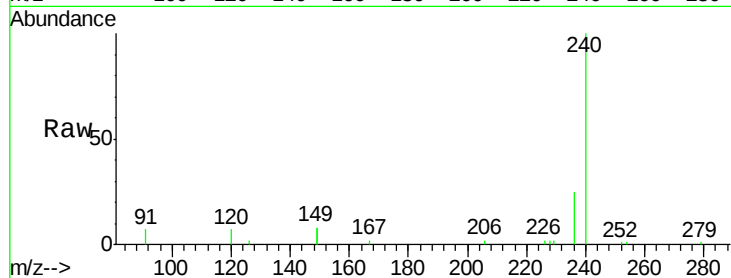
Tgt Ion:240 Resp: 22477

Ion Ratio Lower Upper

240 100

120 6.9 4.6 7.0

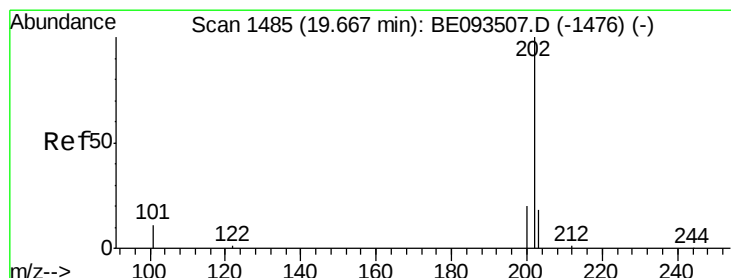
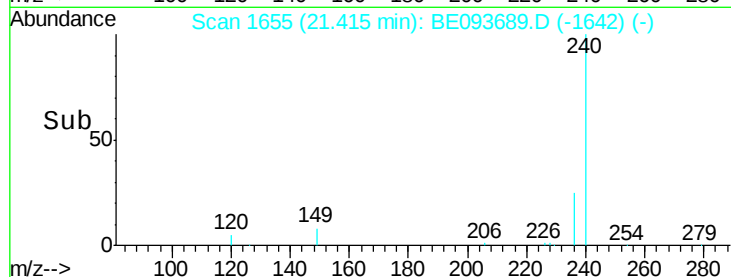
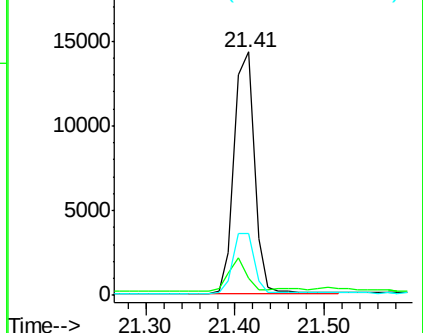
236 25.5 20.8 31.2



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



#28

Pyrene

Concen: 0.020 ng

RT: 19.67 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BE093689.D

Acq: 5 Aug 2017 23:50

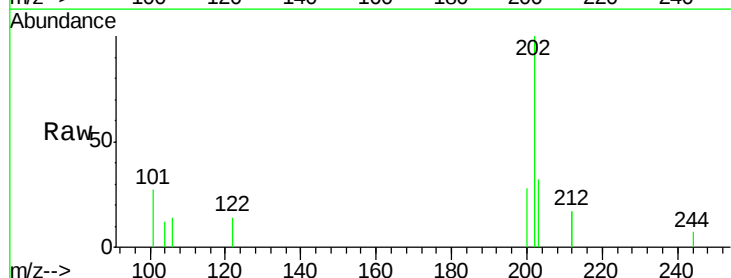
Tgt Ion:202 Resp: 1468

Ion Ratio Lower Upper

202 100

200 23.8 0.0 0.0#

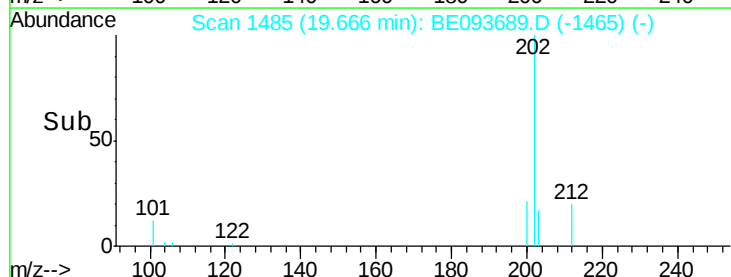
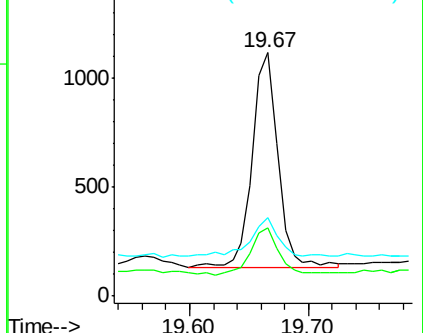
203 18.7 13.7 20.5

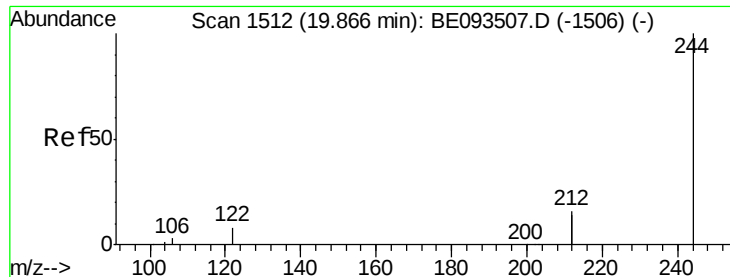


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.145 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093689.D

Acq: 5 Aug 2017 23:50

Instrument :

BNA_E

ClientSampleId :

LASB-141-1

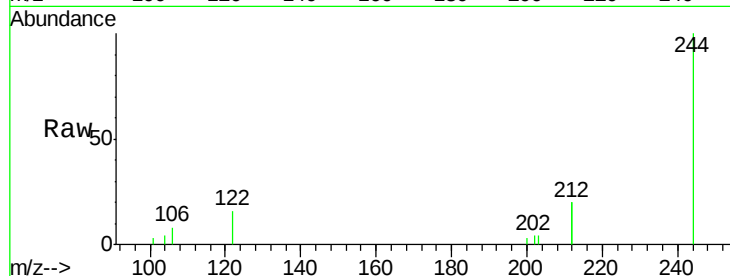
Tgt Ion:244 Resp: 5866

Ion Ratio Lower Upper

244 100

212 40.3 10.6 16.0#

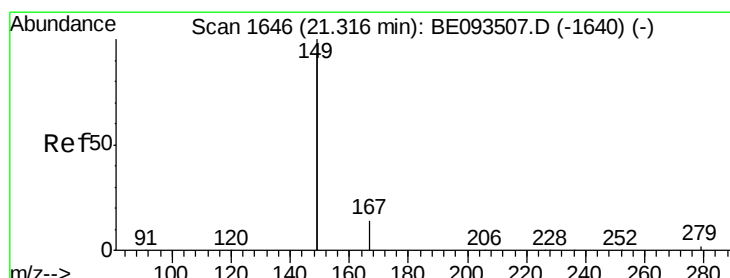
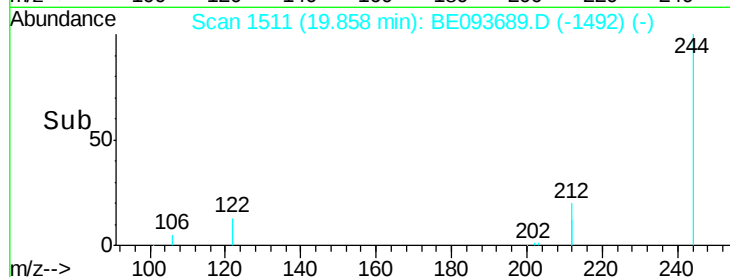
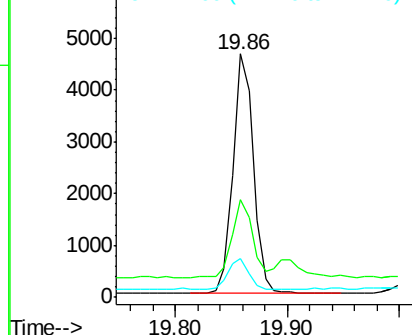
122 16.0 15.4 23.0



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: 0.101 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BE093689.D

Acq: 5 Aug 2017 23:50

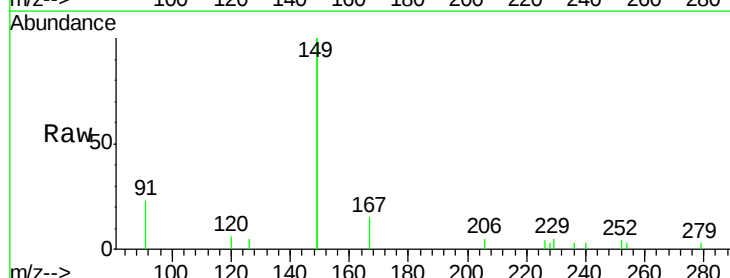
Tgt Ion:149 Resp: 9082

Ion Ratio Lower Upper

149 100

167 7.2 4.8 7.2

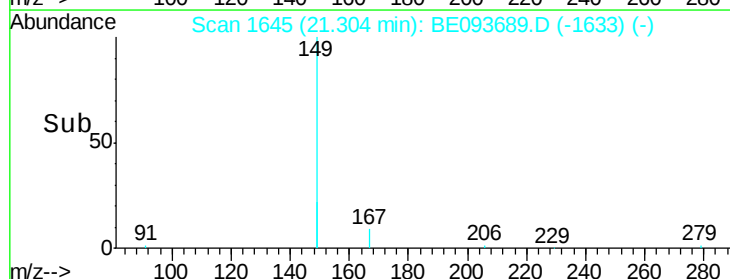
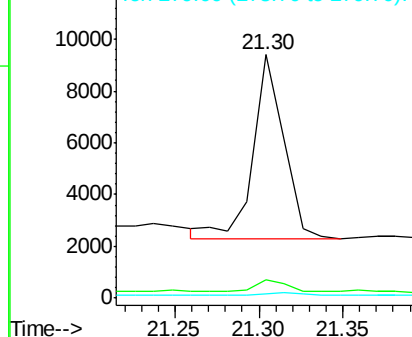
279 1.2 0.8 1.2

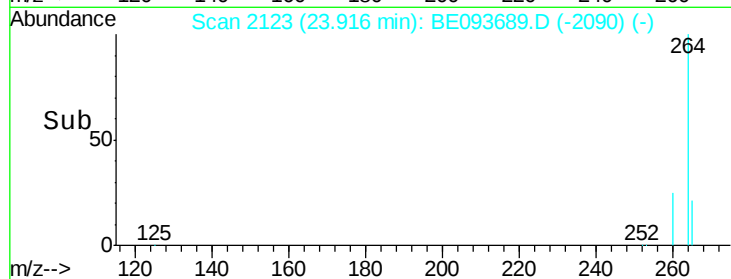
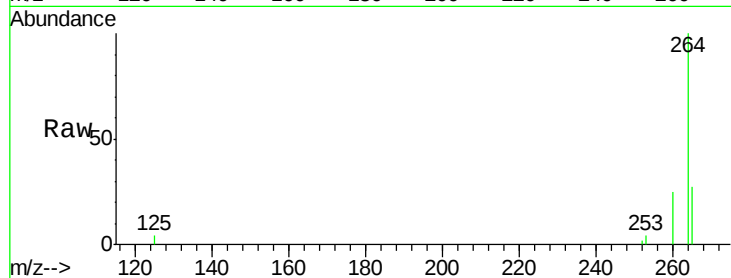
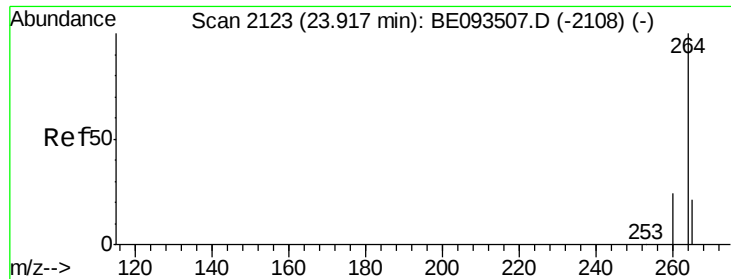


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.92 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE093689.D

Acq: 5 Aug 2017 23:50

Instrument :

BNA_E

ClientSampleId :

LASB-141-1

Tgt Ion: 264 Resp: 20438

Ion Ratio Lower Upper

264 100

260 25.3 21.0 31.4

265 27.3 24.6 36.8

