

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080517\
 Data File : BE093680.D
 Acq On : 5 Aug 2017 18:16
 Operator : SJ/JU
 Sample : I4427-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LASB-13A-1

Quant Time: Aug 06 03:26:12 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

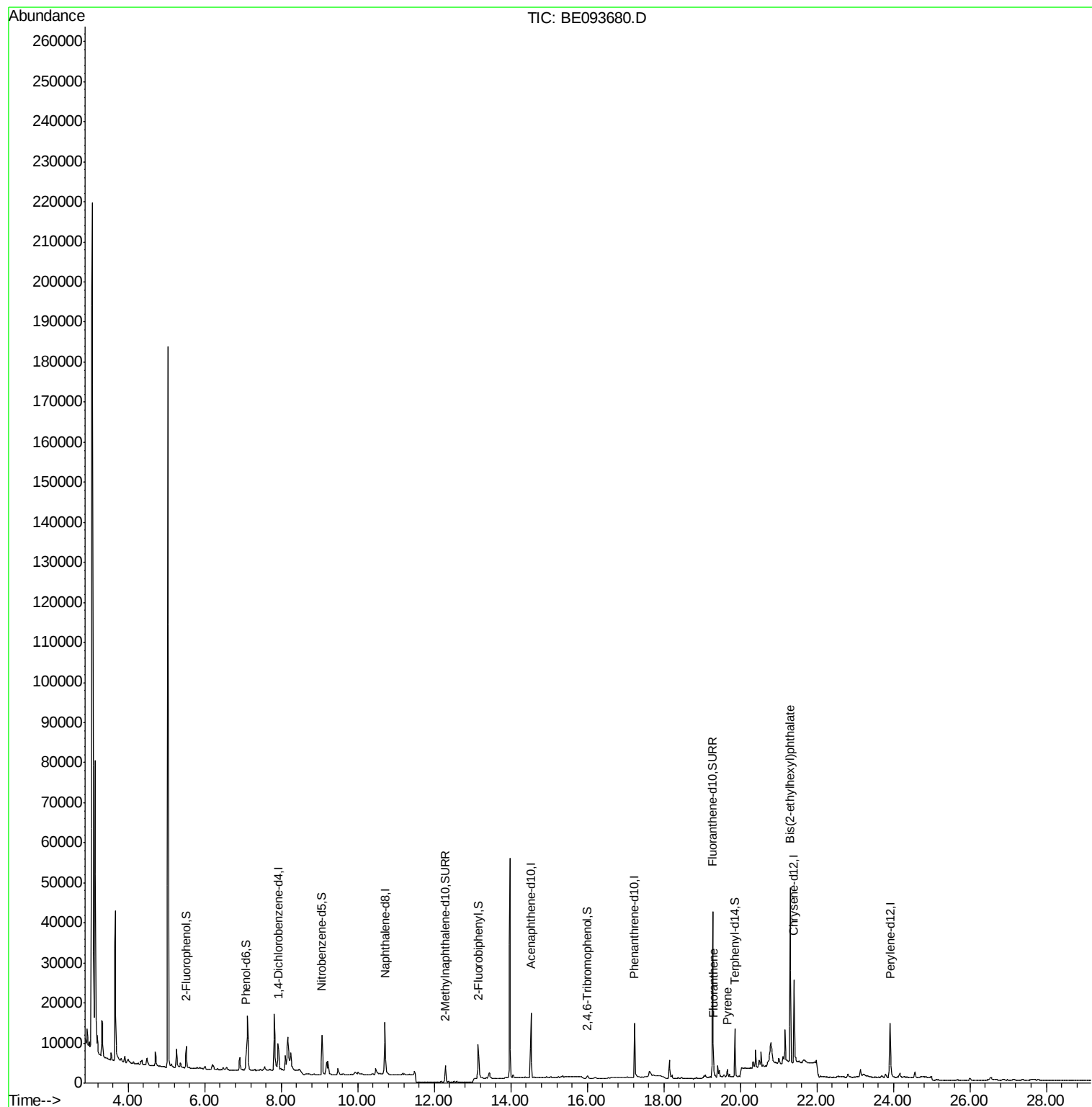
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3078	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	15345	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	9037	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	21741	0.40	ng	0.00
27) Chrysene-d12	21.40	240	22761	0.40	ng	-0.01
34) Perylene-d12	23.92	264	20363	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	2911	0.32	ng	0.00
5) Phenol-d6	7.09	99	4412	0.32	ng	-0.01
8) Nitrobenzene-d5	9.06	82	3624	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5708	0.24	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	692	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	8061	0.22	ng	-0.02
25) Fluoranthene-d10	19.28	212	54800	0.22	ng	0.00
29) Terphenyl-d14	19.86	244	9430	0.23	ng	0.00
Target Compounds						
26) Fluoranthene	19.30	202	2143	0.028	ng	# 75
28) Pyrene	19.66	202	1952	0.027	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.30	149	48907	0.536	ng	98

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

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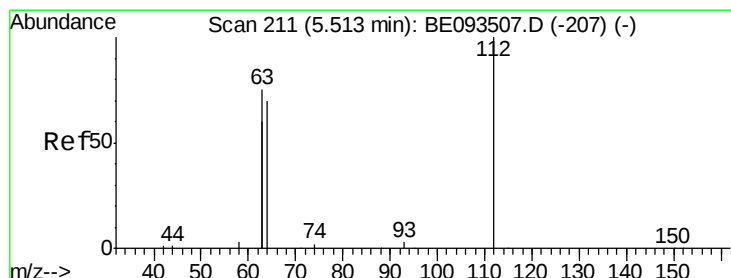
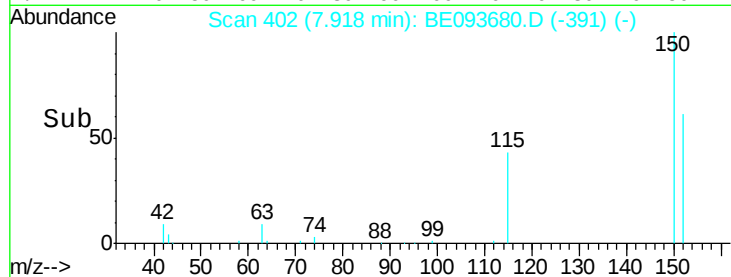
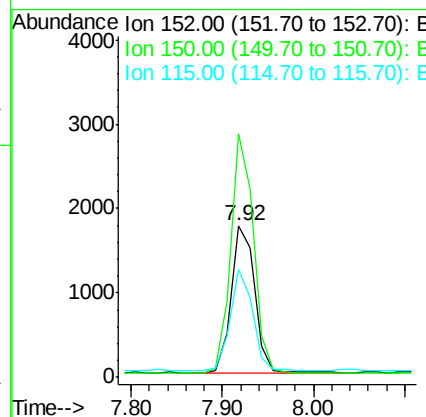
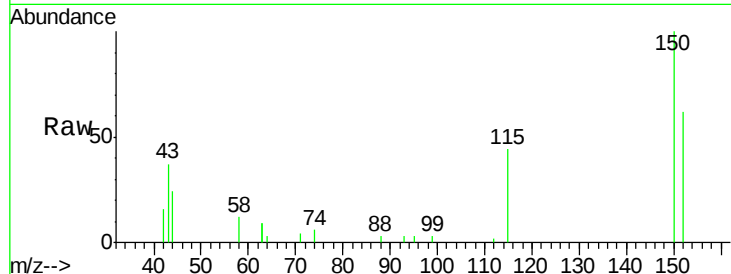




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.92 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: BE093680.D
 Acq: 5 Aug 2017 18:16

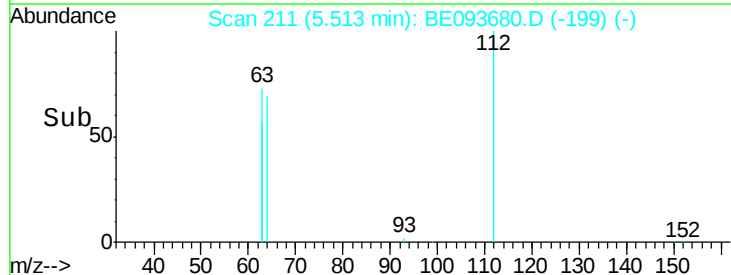
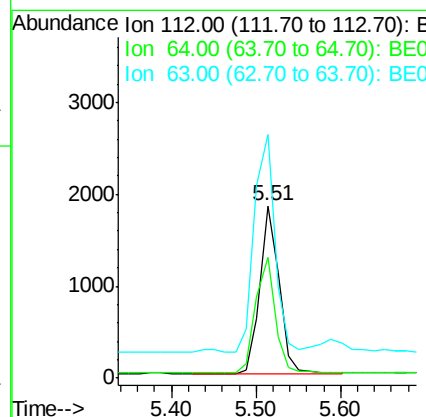
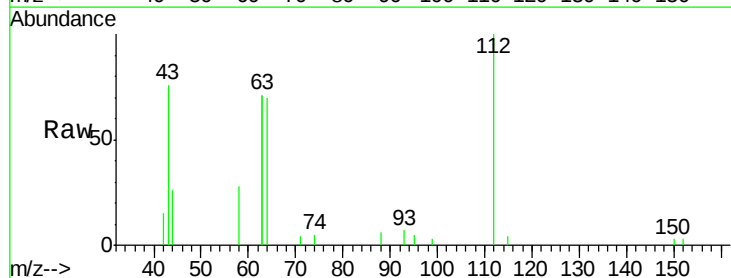
Instrument :
 BNA_E
 ClientSampleId :
 LASB-13A-1

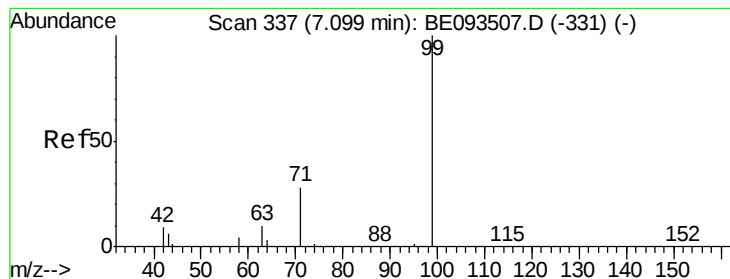
Tgt Ion:152 Resp: 3078
 Ion Ratio Lower Upper
 152 100
 150 160.7 125.1 187.7
 115 71.3 55.7 83.5



#4
 2-Fluorophenol
 Concen: 0.317 ng
 RT: 5.51 min Scan# 211
 Delta R.T. 0.00 min
 Lab File: BE093680.D
 Acq: 5 Aug 2017 18:16

Tgt Ion:112 Resp: 2911
 Ion Ratio Lower Upper
 112 100
 64 70.5 56.4 84.6
 63 136.5 29.3 43.9#





#5

Phenol-d6

Concen: 0.320 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093680.D

Acq: 5 Aug 2017 18:16

Instrument :

BNA_E

ClientSampleId :

LASB-13A-1

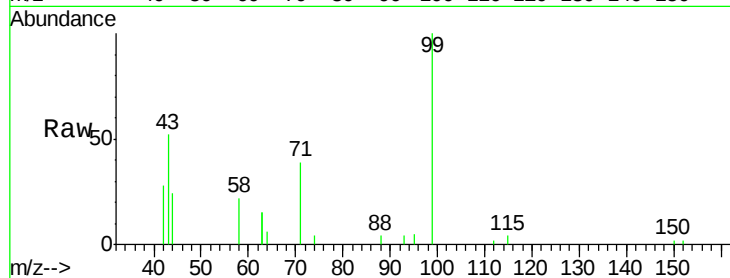
Tgt Ion: 99 Resp: 4412

Ion Ratio Lower Upper

99 100

42 33.3 0.0 0.0#

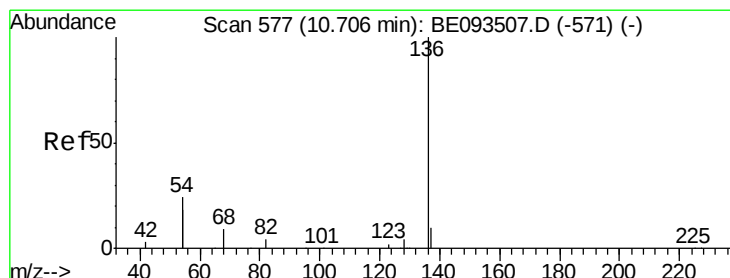
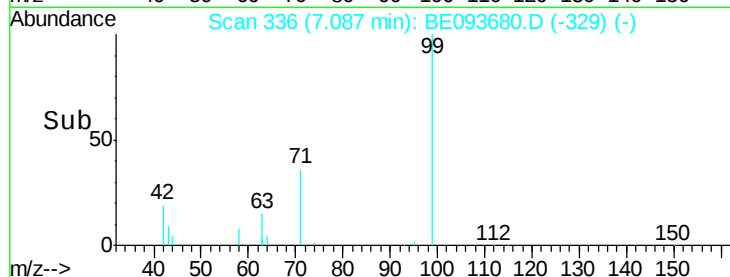
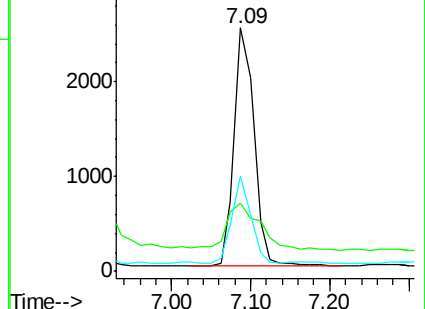
71 35.3 0.0 0.0#



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: BE093680.D

Acq: 5 Aug 2017 18:16

Tgt Ion: 136 Resp: 15345

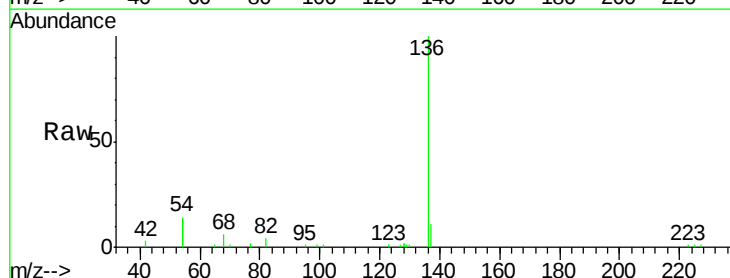
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 28.1 10.3 15.5#

68 6.0 9.0 13.4#

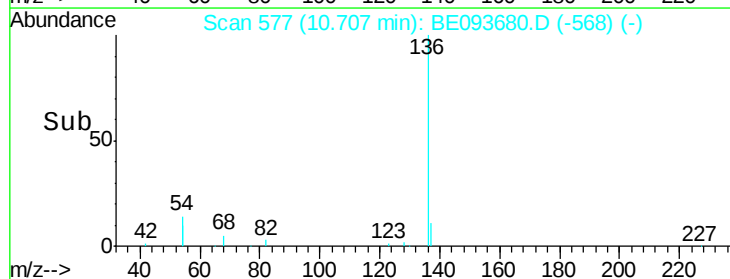
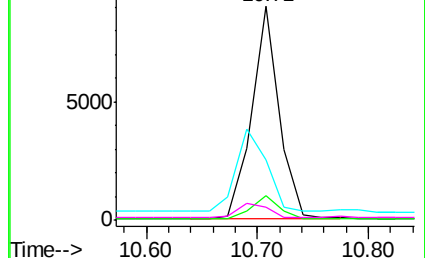


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.309 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093680.D

Acq: 5 Aug 2017 18:16

Instrument :

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ClientSampleId :

LASB-13A-1

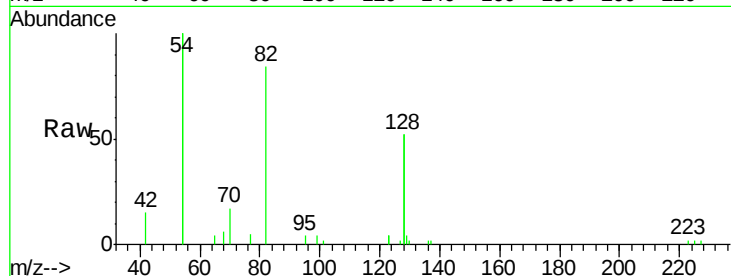
Tgt Ion: 82 Resp: 3624

Ion Ratio Lower Upper

82 100

128 124.4 17.0 25.4#

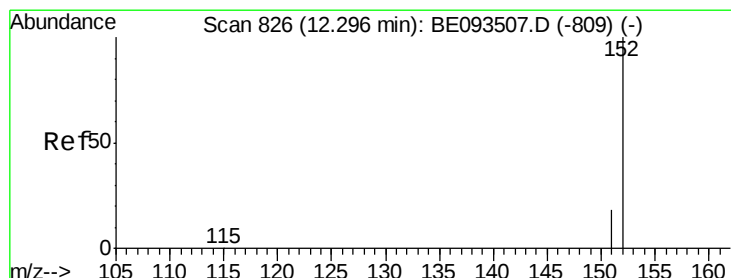
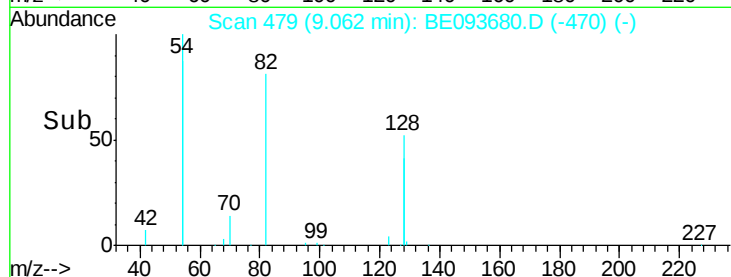
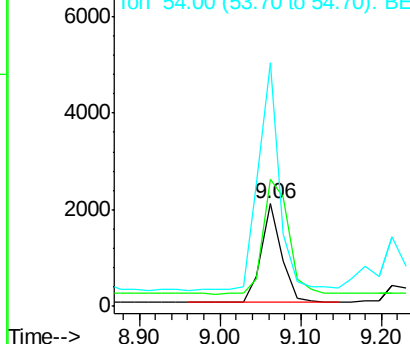
54 238.1 53.8 80.6#



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: 0.235 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093680.D

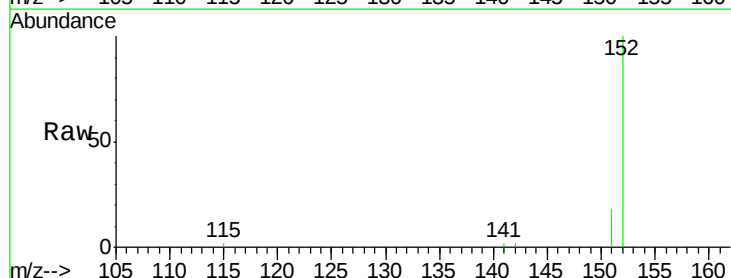
Acq: 5 Aug 2017 18:16

Tgt Ion: 152 Resp: 5708

Ion Ratio Lower Upper

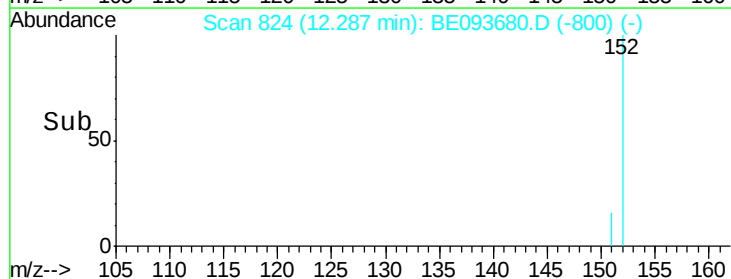
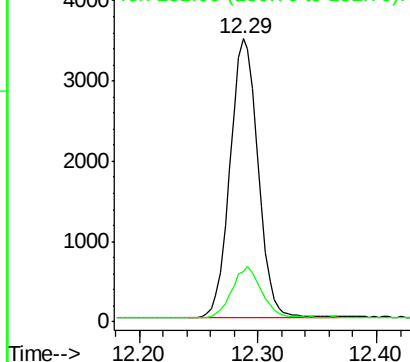
152 100

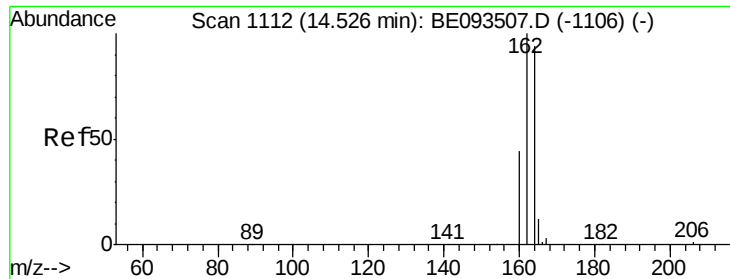
151 18.9 15.1 22.7



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: 14.52 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BE093680.D

Acq: 5 Aug 2017 18:16

Instrument :

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ClientSampleId :

LASB-13A-1

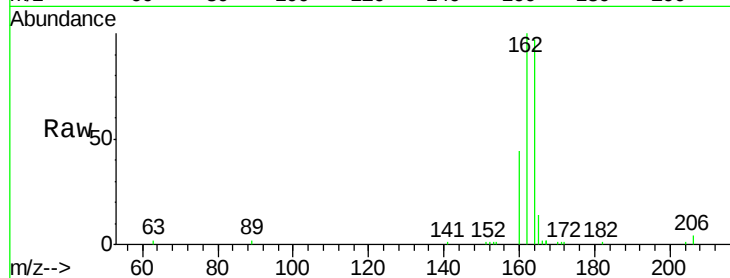
Tgt Ion:164 Resp: 9037

Ion Ratio Lower Upper

164 100

162 103.1 84.6 127.0

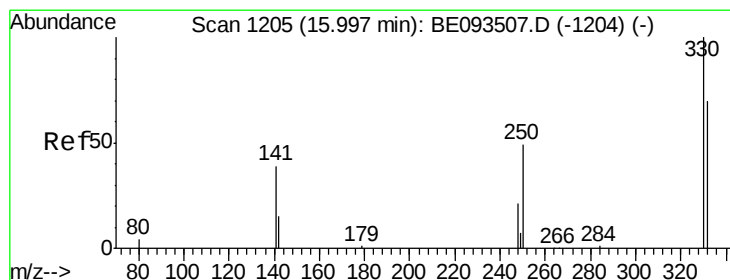
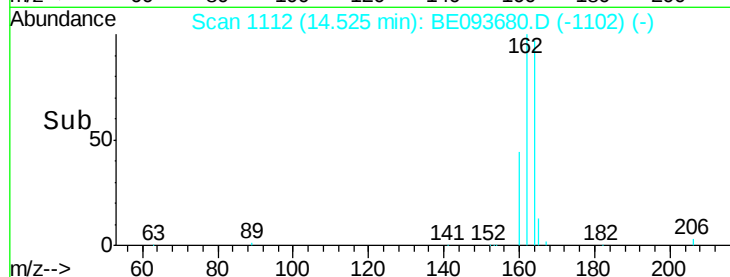
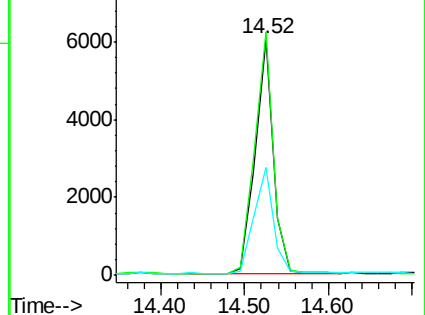
160 45.5 41.8 62.6



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: 0.363 ng

RT: 16.00 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BE093680.D

Acq: 5 Aug 2017 18:16

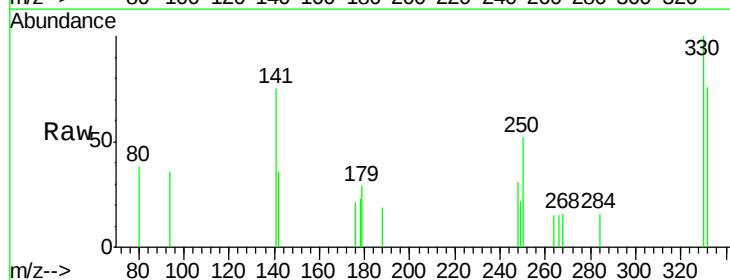
Tgt Ion:330 Resp: 692

Ion Ratio Lower Upper

330 100

332 88.2 77.7 116.5

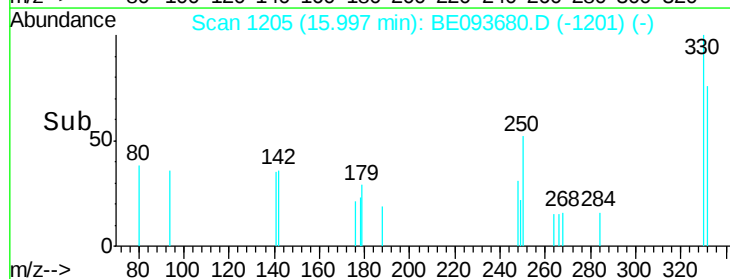
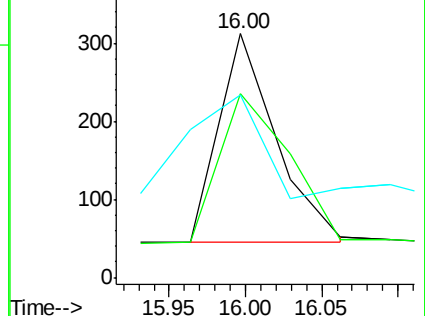
141 62.4 56.2 84.4

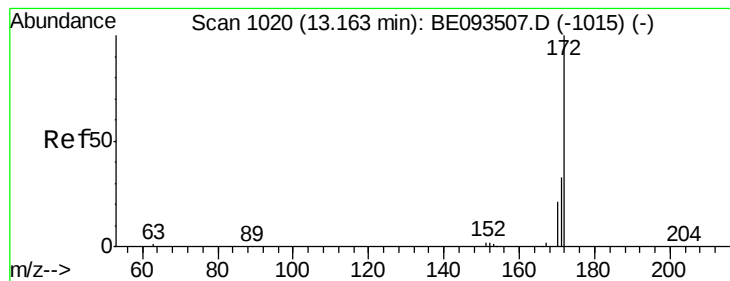


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.223 ng

RT: 13.15 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BE093680.D

Acq: 5 Aug 2017 18:16

Instrument :

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ClientSampleId :

LASB-13A-1

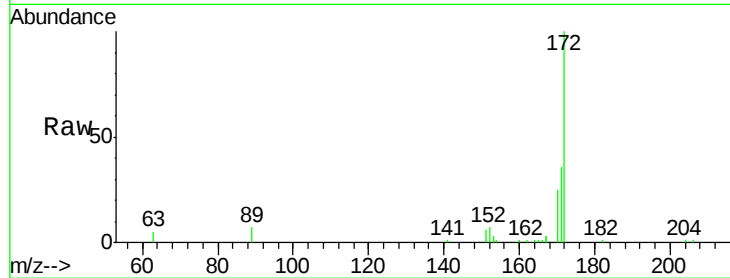
Tgt Ion:172 Resp: 8061

Ion Ratio Lower Upper

172 100

171 36.5 29.8 44.6

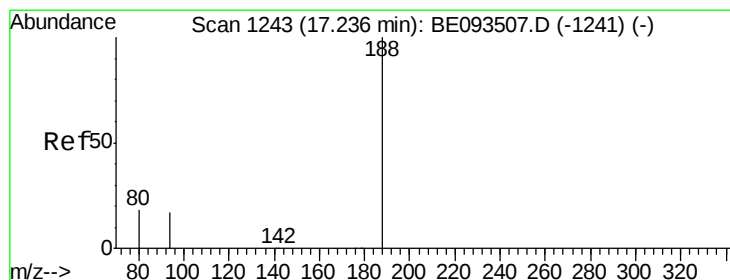
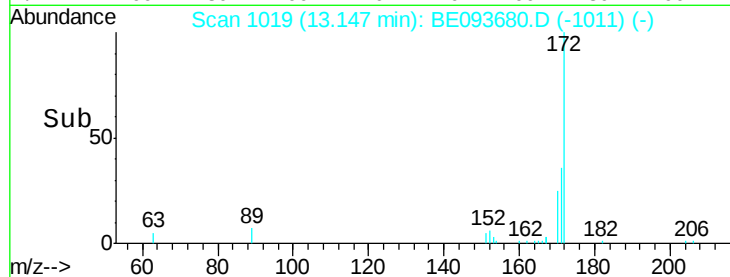
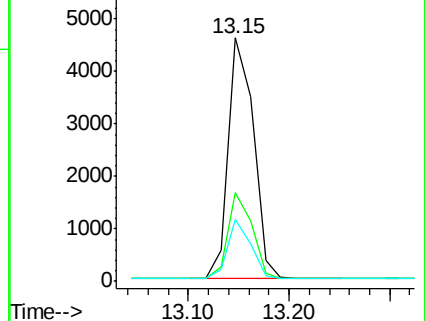
170 25.3 20.7 31.1



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: BE093680.D

Acq: 5 Aug 2017 18:16

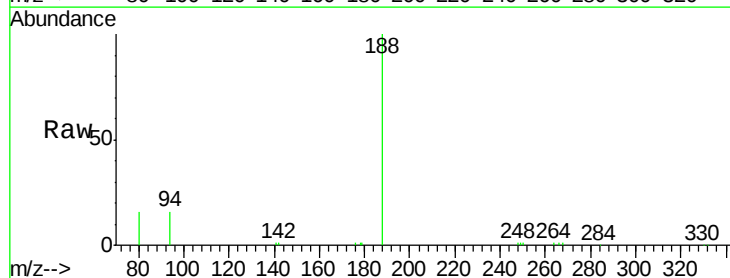
Tgt Ion:188 Resp: 21741

Ion Ratio Lower Upper

188 100

94 15.5 11.3 16.9

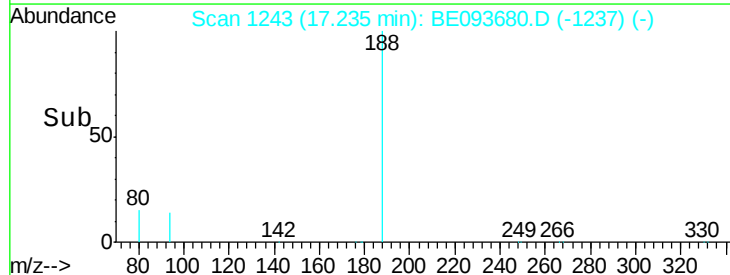
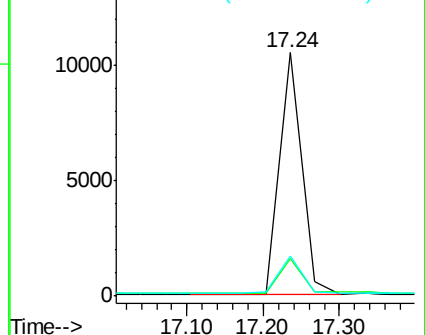
80 16.2 11.7 17.5

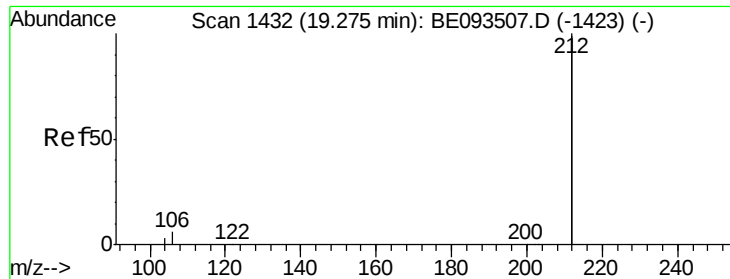


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.222 ng

RT: 19.28 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093680.D

Acq: 5 Aug 2017 18:16

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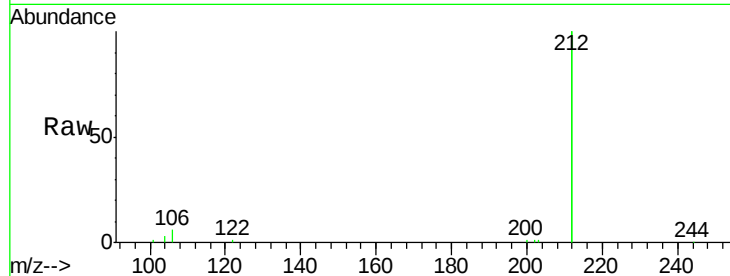
Tgt Ion:212 Resp: 54800

Ion Ratio Lower Upper

212 100

106 3.7 2.4 3.6#

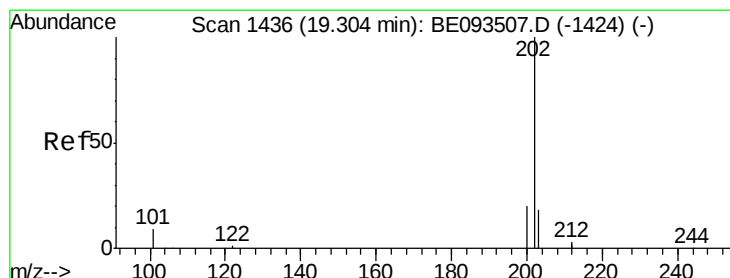
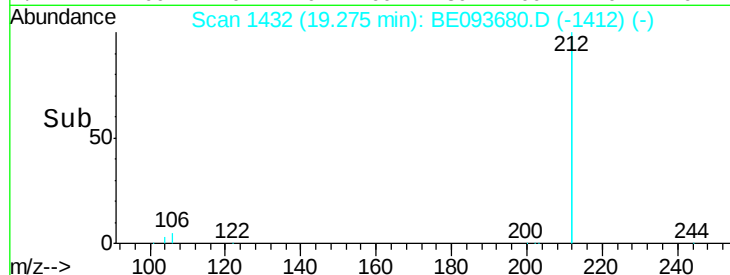
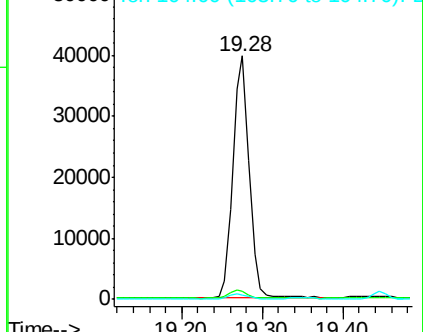
104 2.3 1.6 2.4



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: 0.028 ng

RT: 19.30 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BE093680.D

Acq: 5 Aug 2017 18:16

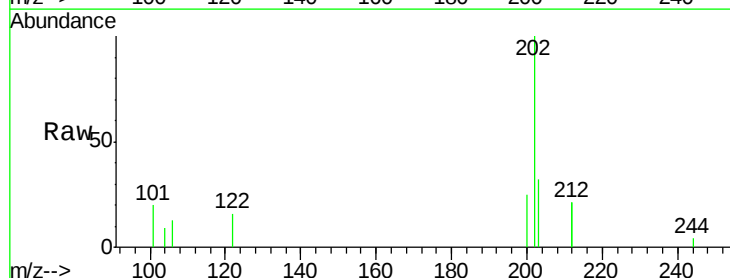
Tgt Ion:202 Resp: 2143

Ion Ratio Lower Upper

202 100

101 27.9 9.6 14.4#

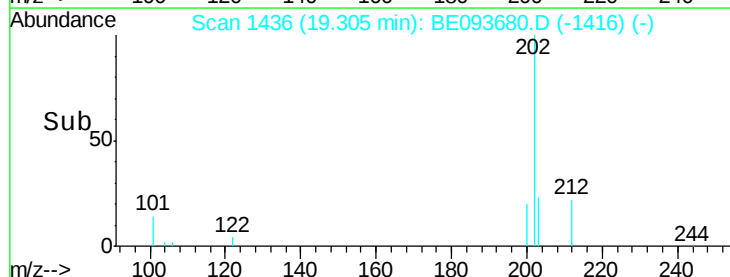
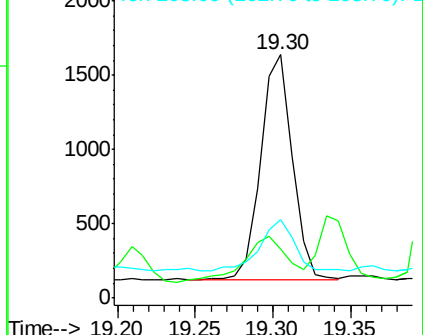
203 24.3 14.4 21.6#

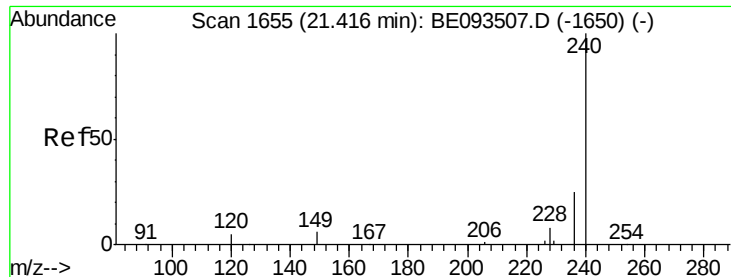


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

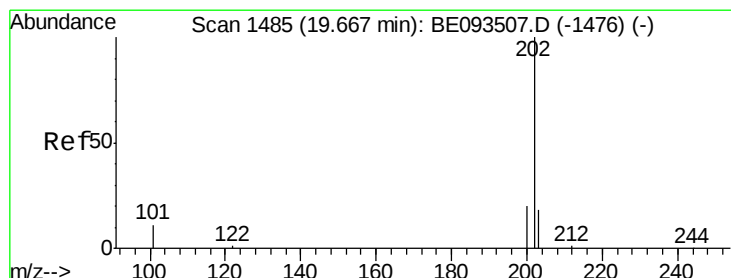
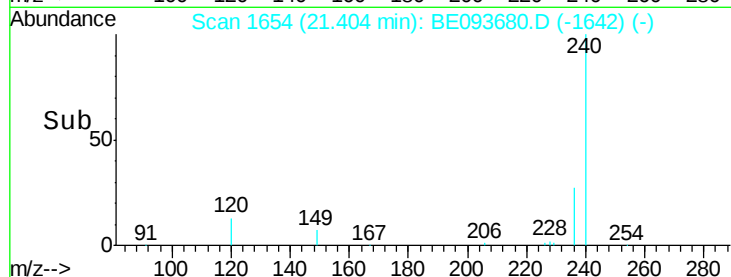
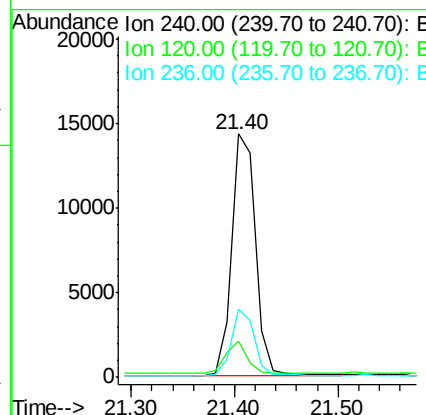
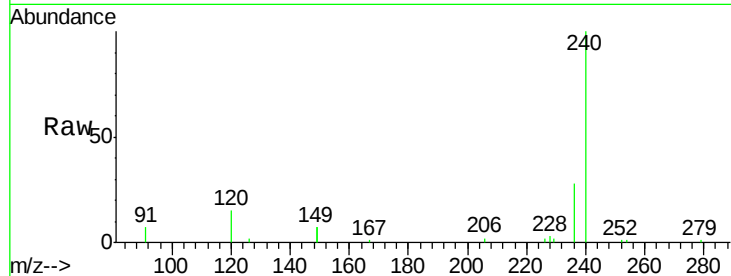




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE093680.D
Acq: 5 Aug 2017 18:16

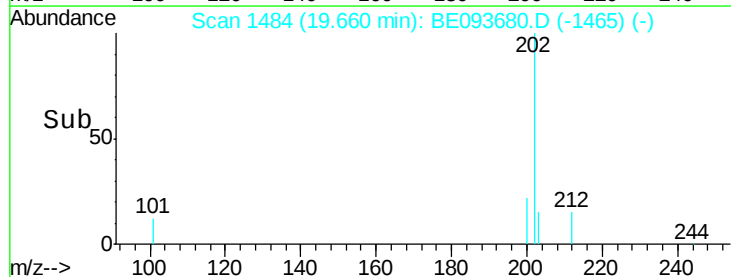
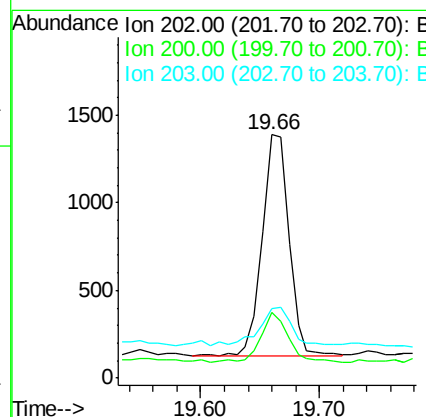
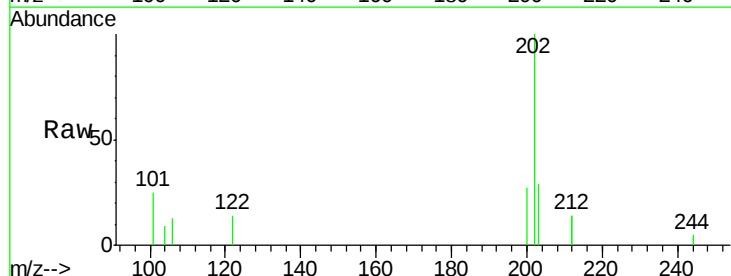
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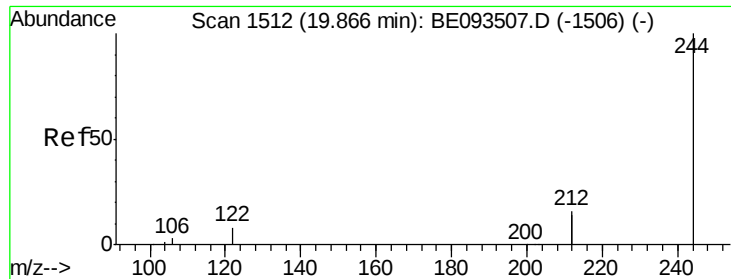
Tgt Ion:240 Resp: 22761
Ion Ratio Lower Upper
240 100
120 15.2 4.6 7.0#
236 27.8 20.8 31.2



#28
Pyrene
Concen: 0.027 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE093680.D
Acq: 5 Aug 2017 18:16

Tgt Ion:202 Resp: 1952
Ion Ratio Lower Upper
202 100
200 24.4 0.0 0.0#
203 20.2 13.7 20.5





#29

Terphenyl-d14

Concen: 0.231 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093680.D

Acq: 5 Aug 2017 18:16

Instrument :

BNA_E

ClientSampleId :

LASB-13A-1

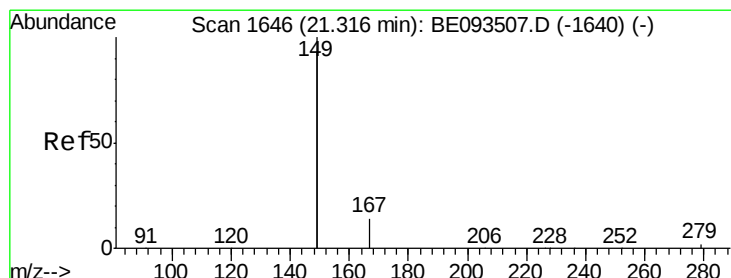
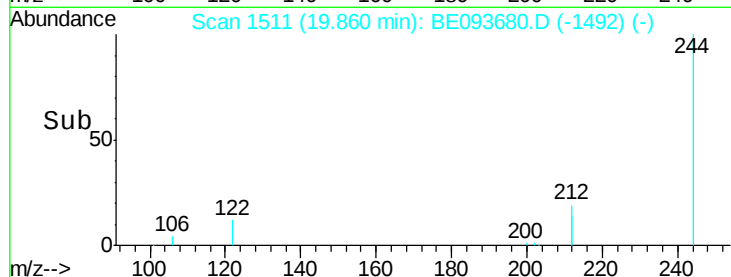
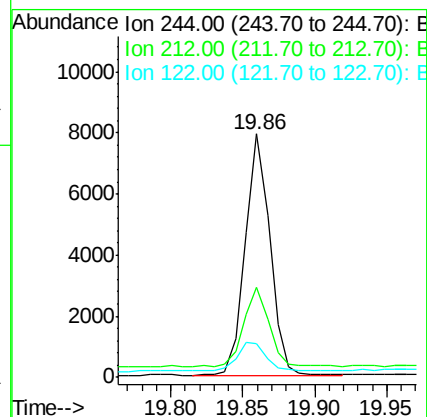
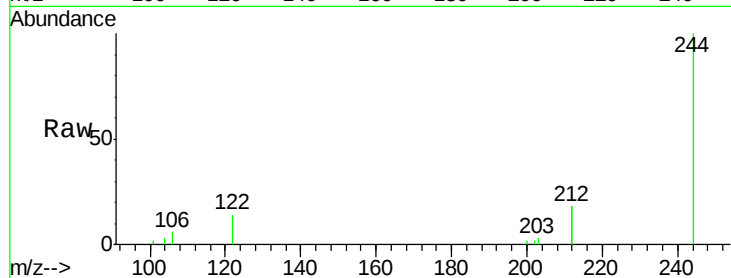
Tgt Ion:244 Resp: 9430

Ion Ratio Lower Upper

244 100

212 36.9 10.6 16.0#

122 14.0 15.4 23.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.536 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BE093680.D

Acq: 5 Aug 2017 18:16

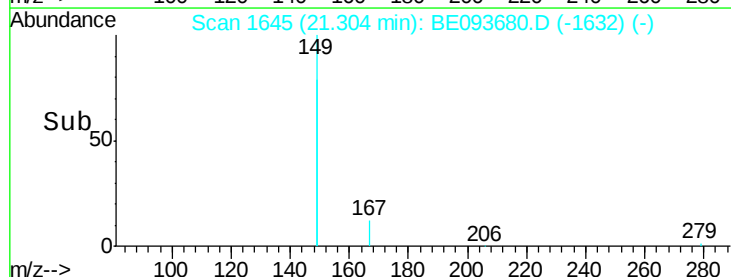
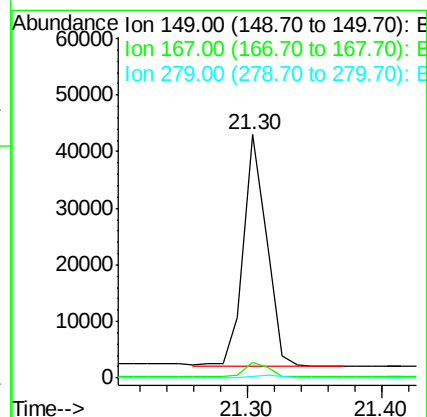
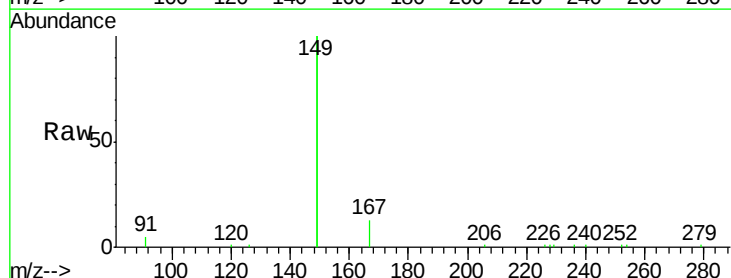
Tgt Ion:149 Resp: 48907

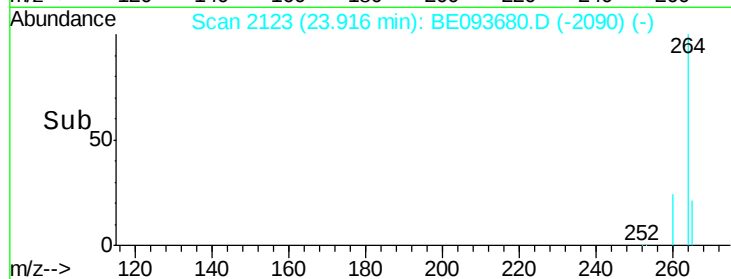
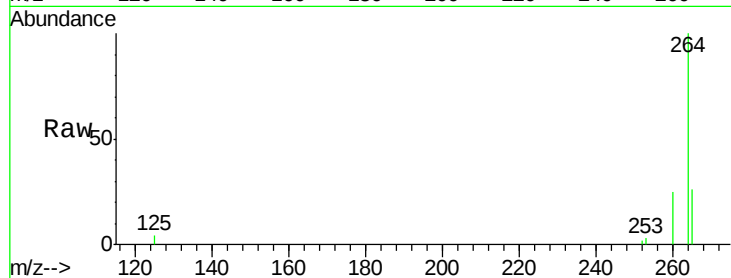
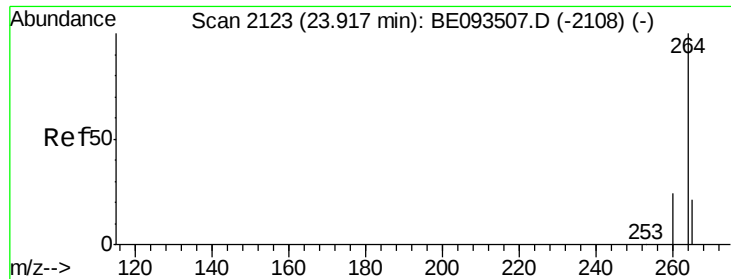
Ion Ratio Lower Upper

149 100

167 6.6 4.8 7.2

279 0.9 0.8 1.2





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE093680.D

Acq: 5 Aug 2017 18:16

Instrument :

BNA_E

ClientSampleId :

LASB-13A-1

Tgt Ion:264 Resp: 20363

Ion Ratio Lower Upper

264 100

260 24.9 21.0 31.4

265 26.0 24.6 36.8

