

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080517\
 Data File : BE093679.D
 Acq On : 5 Aug 2017 17:37
 Operator : SJ/JU
 Sample : I4427-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LASB-12-2

Quant Time: Aug 06 03:27:07 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

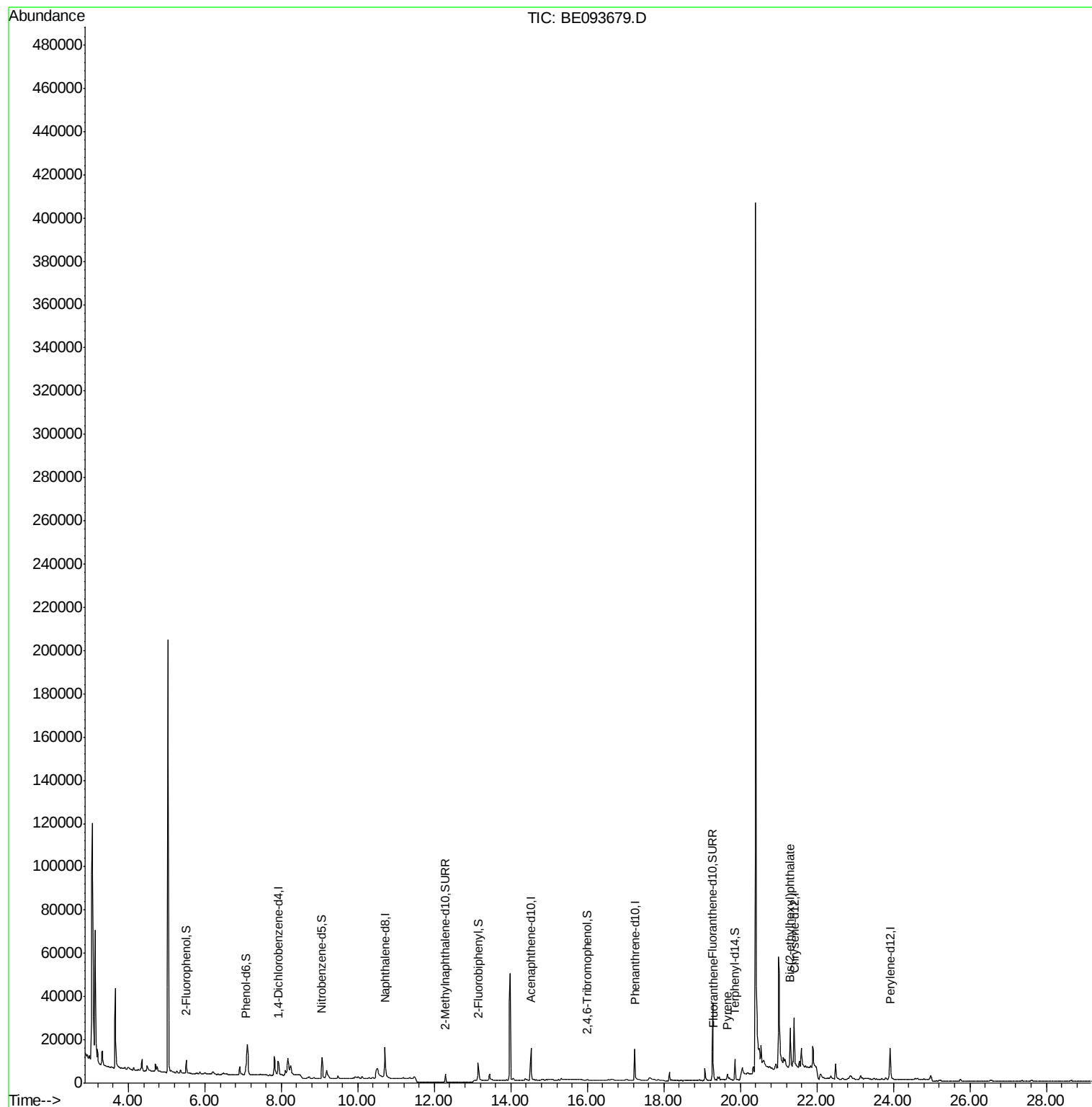
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	3222	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	15935	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	8858	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	23427	0.40	ng	0.00
27) Chrysene-d12	21.40	240	23564	0.40	ng	-0.01
34) Perylene-d12	23.91	264	21211	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	3115	0.32	ng	0.00
5) Phenol-d6	7.09	99	4816	0.33	ng	-0.01
8) Nitrobenzene-d5	9.06	82	3849	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5563	0.22	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	696	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7400	0.21	ng	-0.02
25) Fluoranthene-d10	19.27	212	46794	0.18	ng	0.00
29) Terphenyl-d14	19.86	244	7687	0.18	ng	0.00
Target Compounds						Qvalue
26) Fluoranthene	19.30	202	2285	0.028	ng	# 80
28) Pyrene	19.66	202	2075	0.027	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.30	149	18471	0.196	ng	# 90

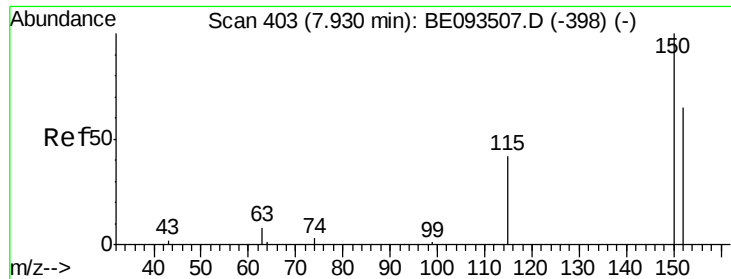
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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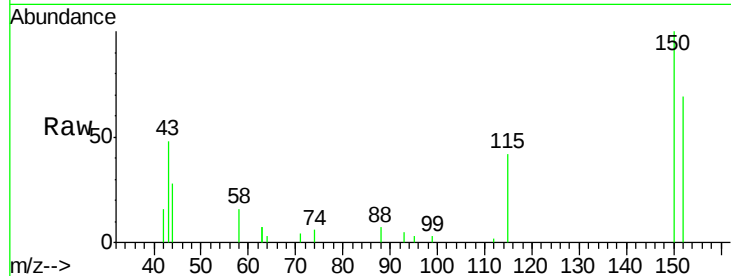


#1

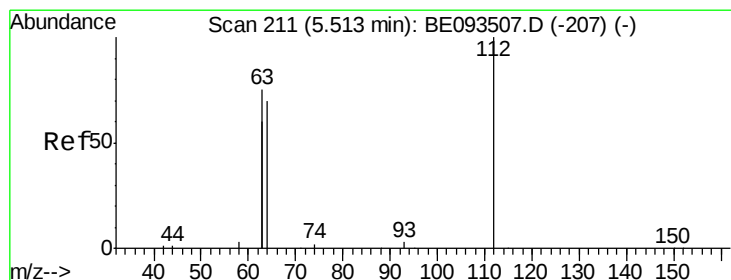
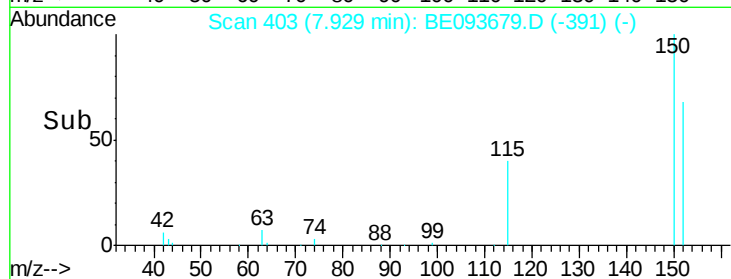
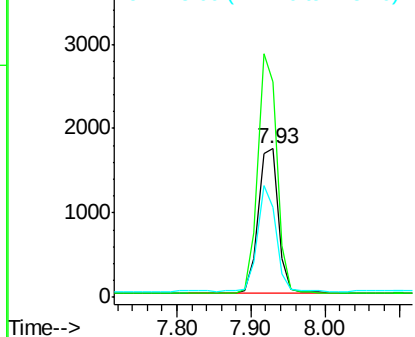
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. -0.00 min
Lab File: BE093679.D
Acq: 5 Aug 2017 17:37

Instrument :
BNA_E
ClientSampleId :
LASB-12-2

Tgt Ion:152 Resp: 3222
Ion Ratio Lower Upper
152 100
150 145.6 125.1 187.7
115 60.9 55.7 83.5



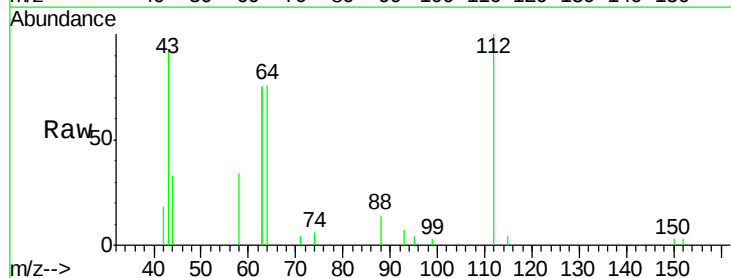
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



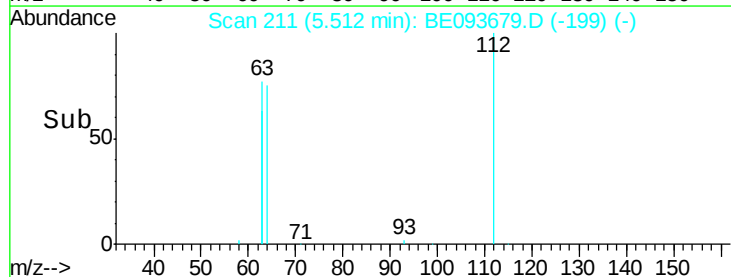
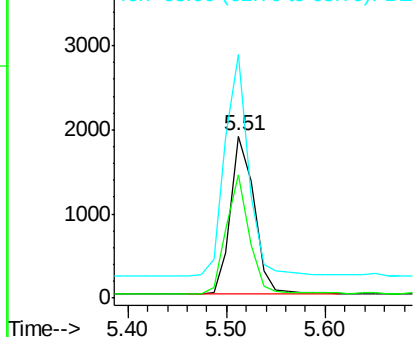
#4

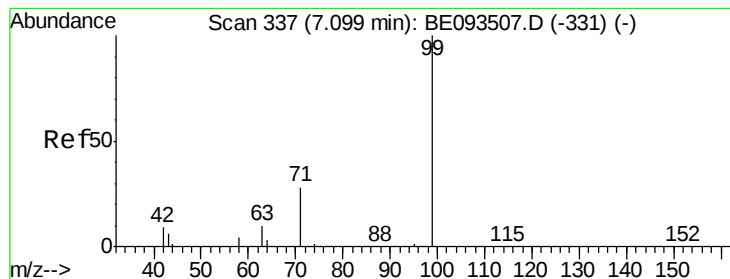
2-Fluorophenol
Concen: 0.325 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE093679.D
Acq: 5 Aug 2017 17:37

Tgt Ion:112 Resp: 3115
Ion Ratio Lower Upper
112 100
64 73.0 56.4 84.6
63 140.4 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: 0.333 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093679.D

Acq: 5 Aug 2017 17:37

Instrument :

BNA_E

ClientSampleId :

LASB-12-2

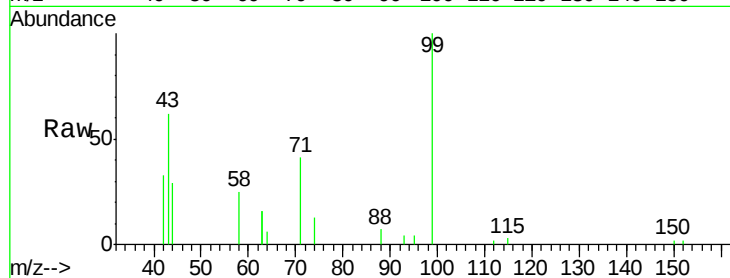
Tgt Ion: 99 Resp: 4816

Ion Ratio Lower Upper

99 100

42 34.3 0.0 0.0#

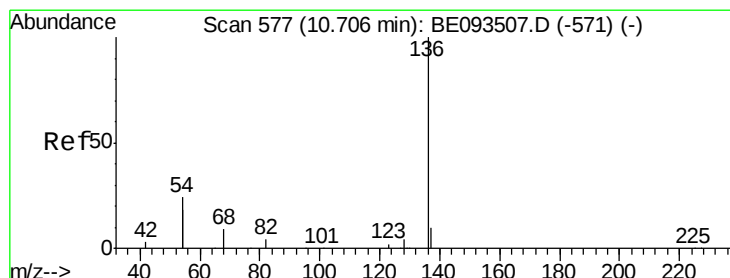
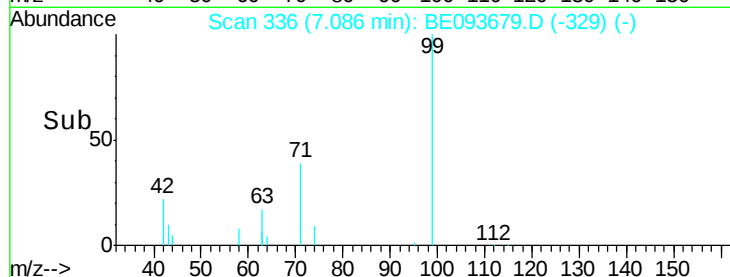
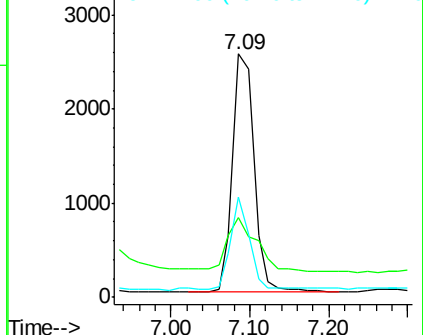
71 33.1 0.0 0.0#



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: BE093679.D

Acq: 5 Aug 2017 17:37

Tgt Ion: 136 Resp: 15935

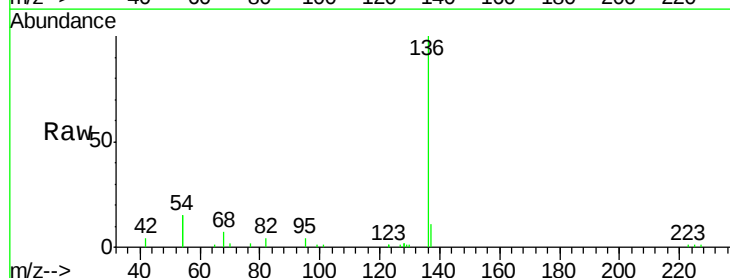
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 30.9 10.3 15.5#

68 6.8 9.0 13.4#

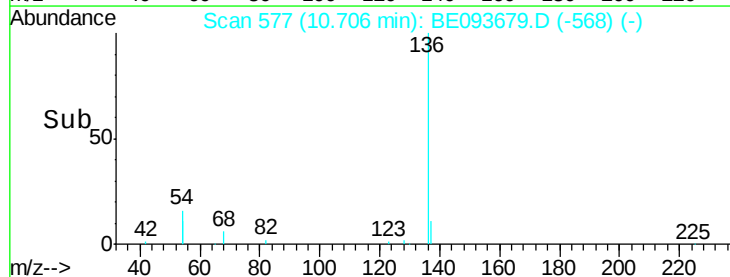
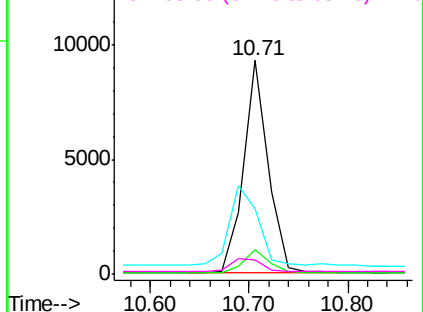


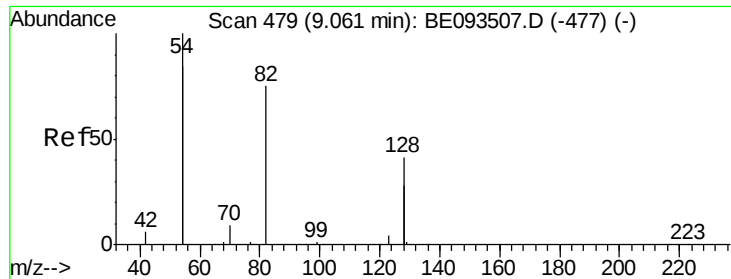
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.316 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093679.D

Acq: 5 Aug 2017 17:37

Instrument :

BNA_E

ClientSampleId :

LASB-12-2

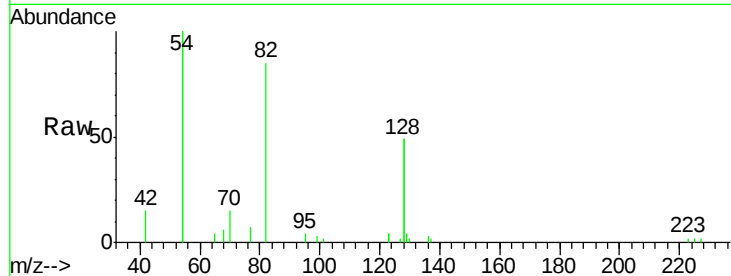
Tgt Ion: 82 Resp: 3849

Ion Ratio Lower Upper

82 100

128 116.3 17.0 25.4#

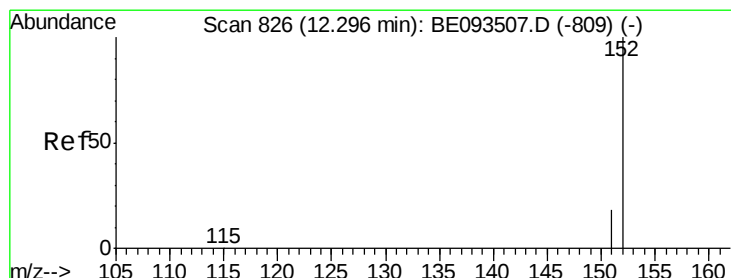
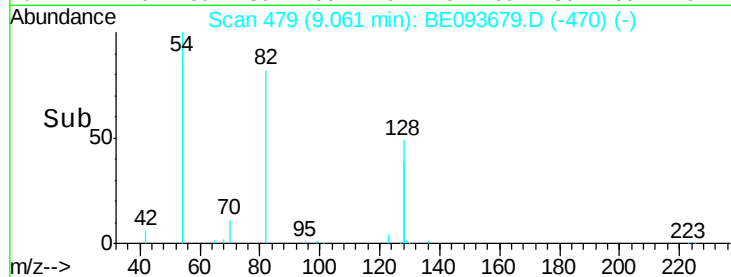
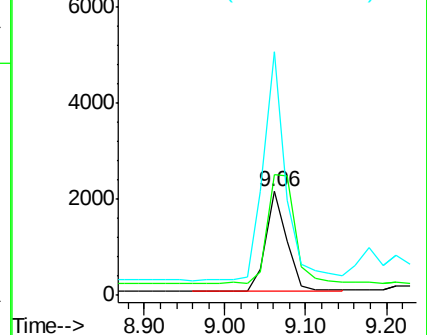
54 235.2 53.8 80.6#



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: 0.221 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093679.D

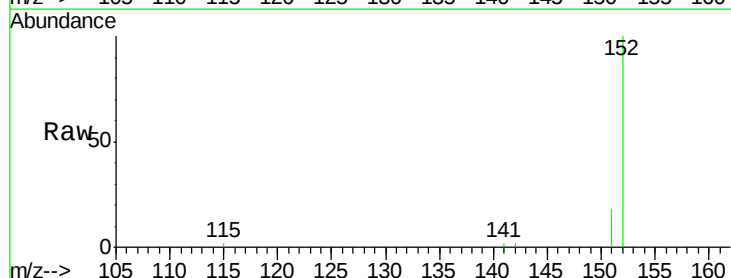
Acq: 5 Aug 2017 17:37

Tgt Ion: 152 Resp: 5563

Ion Ratio Lower Upper

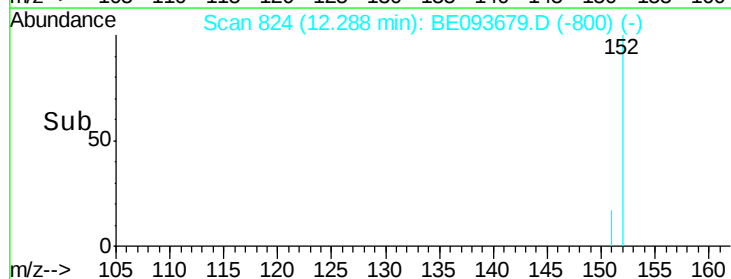
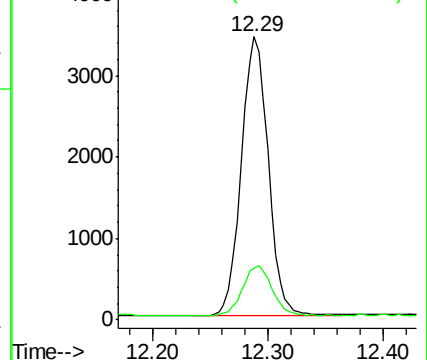
152 100

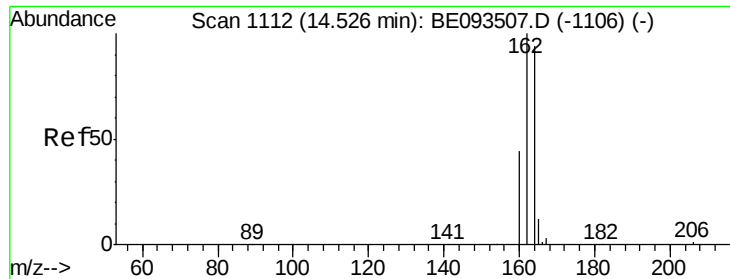
151 19.2 15.1 22.7



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

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

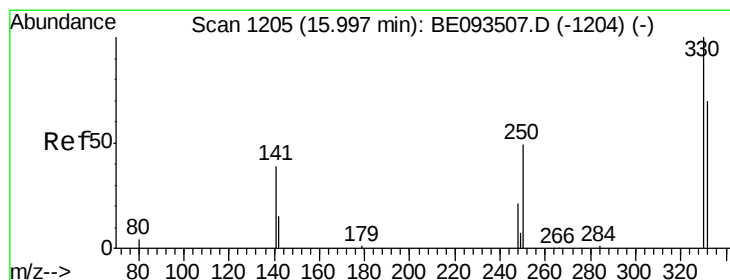
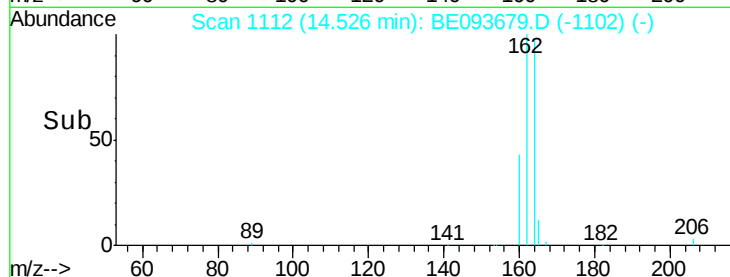
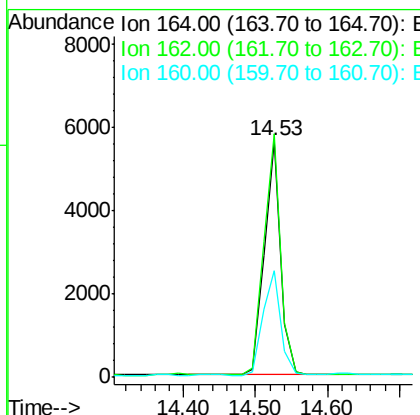
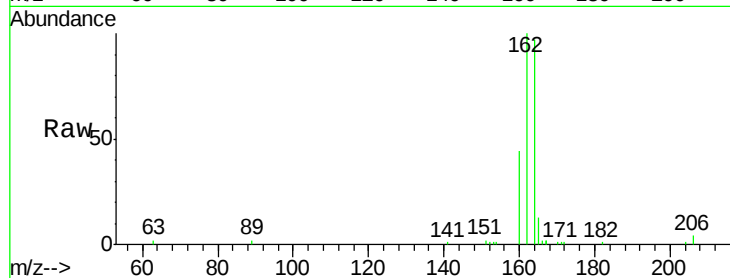




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE093679.D
Acq: 5 Aug 2017 17:37

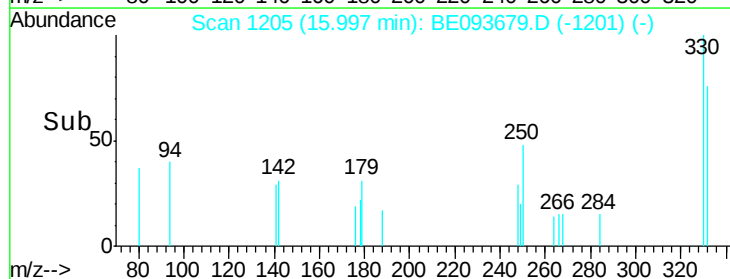
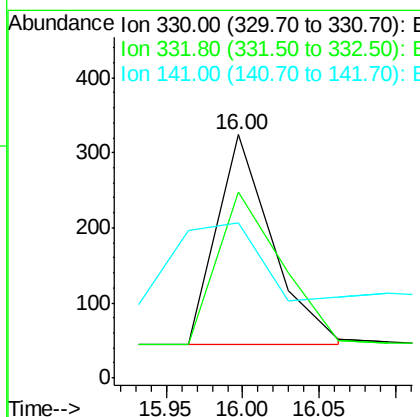
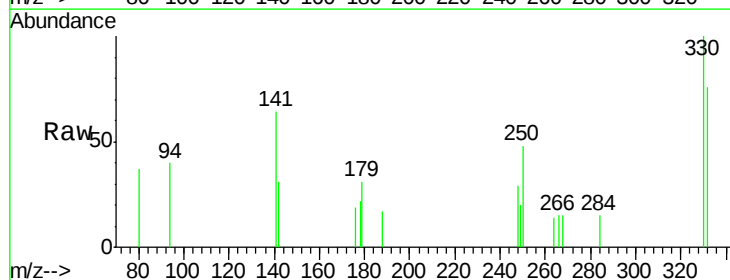
Instrument :
BNA_E
ClientSampleId :
LASB-12-2

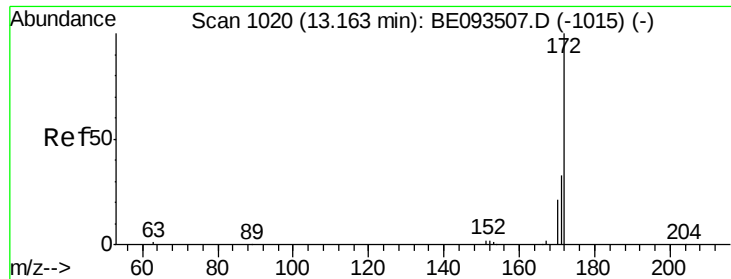
Tgt Ion:164 Resp: 8858
Ion Ratio Lower Upper
164 100
162 103.2 84.6 127.0
160 45.2 41.8 62.6



#14
2,4,6-Tribromophenol
Concen: 0.369 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE093679.D
Acq: 5 Aug 2017 17:37

Tgt Ion:330 Resp: 696
Ion Ratio Lower Upper
330 100
332 84.9 77.7 116.5
141 60.2 56.2 84.4

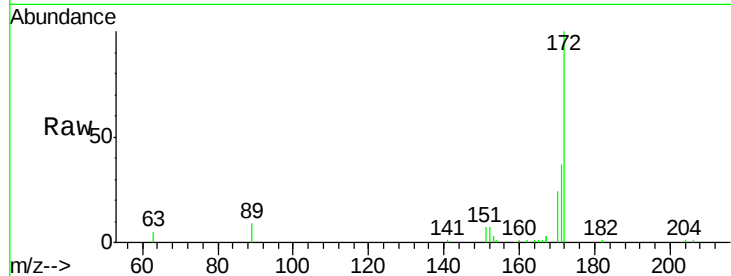




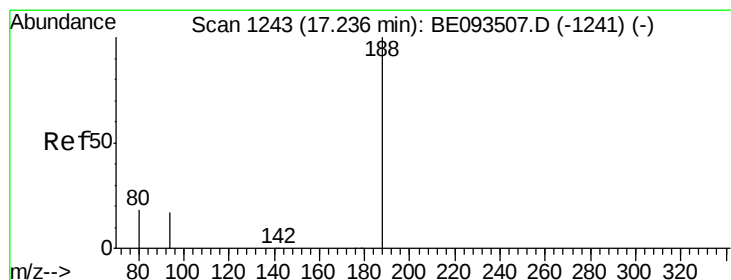
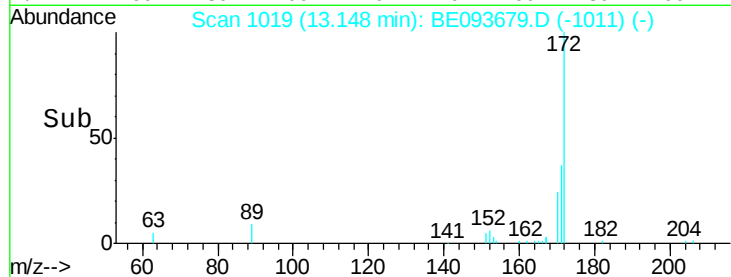
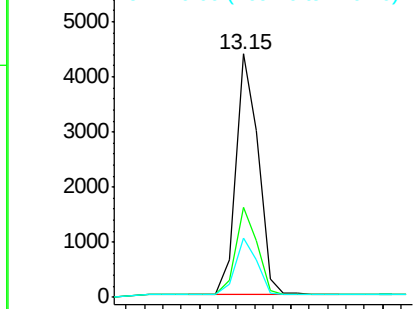
#15
2-Fluorobiphenyl
Concen: 0.209 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BE093679.D
Acq: 5 Aug 2017 17:37

Instrument :
BNA_E
ClientSampleId :
LASB-12-2

Tgt Ion:172 Resp: 7400
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 24.2 20.7 31.1

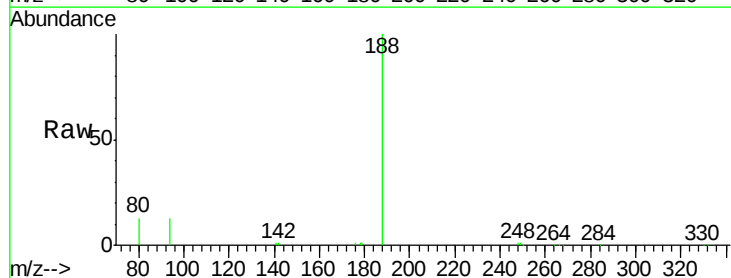


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

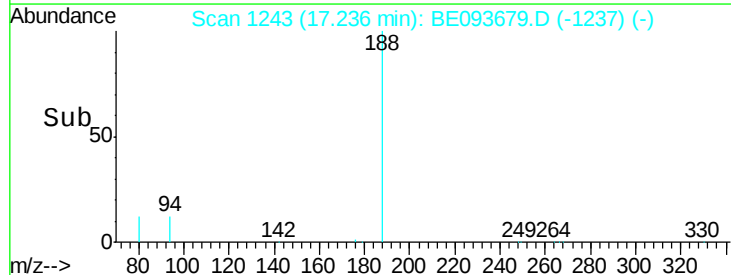
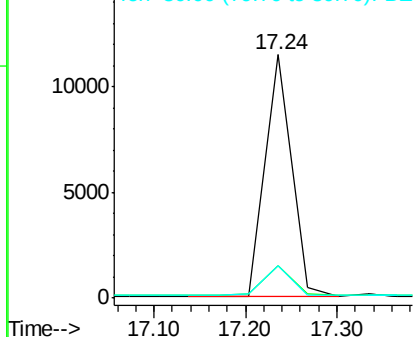


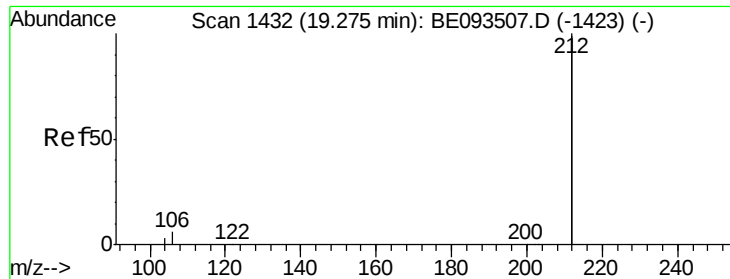
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093679.D
Acq: 5 Aug 2017 17:37

Tgt Ion:188 Resp: 23427
Ion Ratio Lower Upper
188 100
94 13.3 11.3 16.9
80 13.5 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

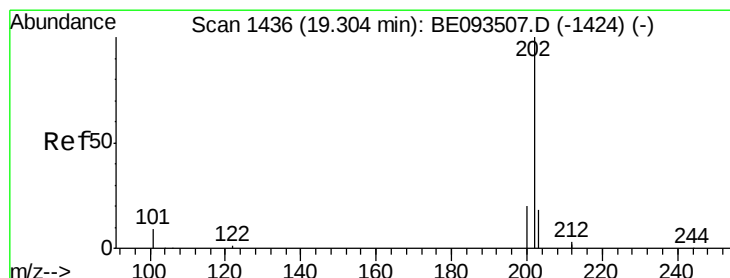
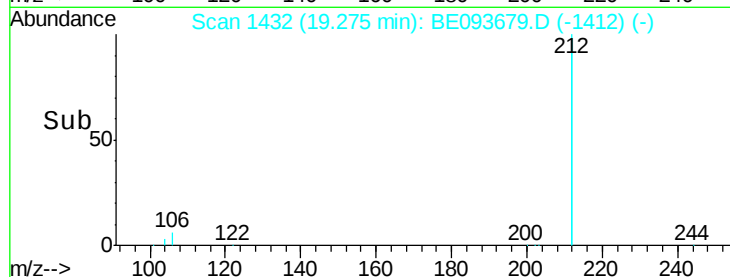
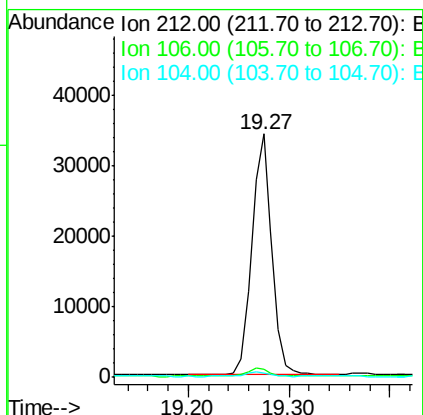
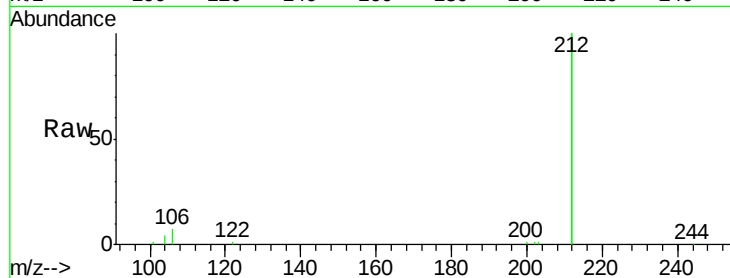




#25
 Fluoranthene-d10
 Concen: 0.176 ng
 RT: 19.27 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BE093679.D
 Acq: 5 Aug 2017 17:37

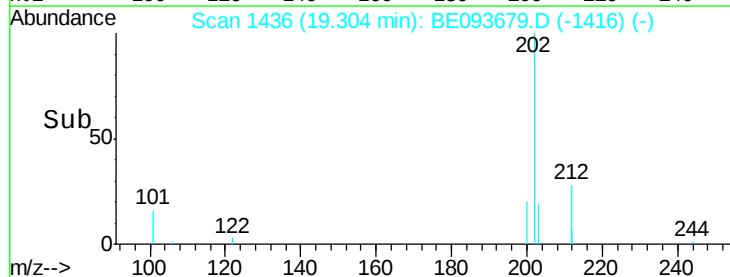
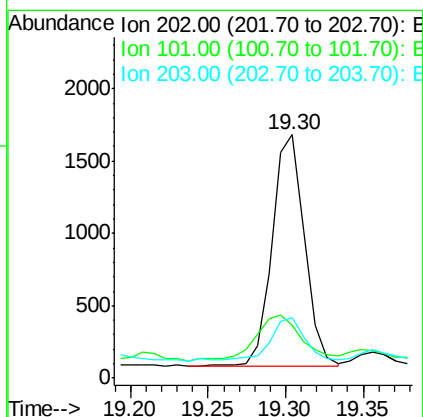
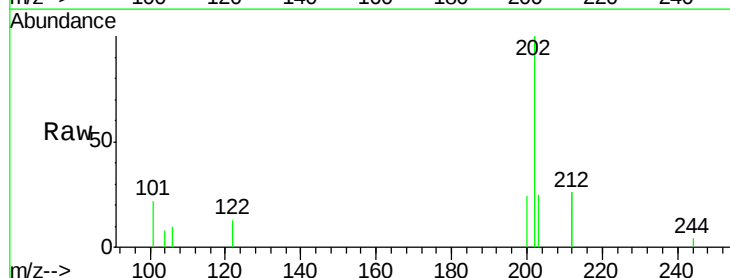
Instrument :
 BNA_E
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 LASB-12-2

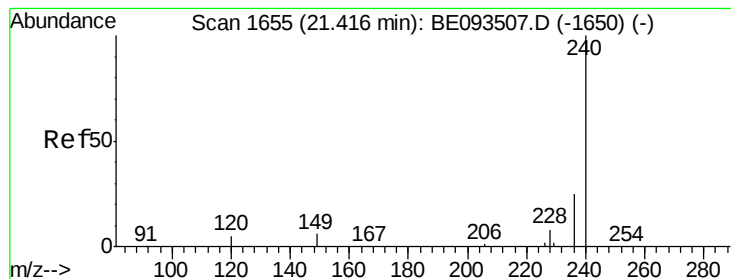
Tgt Ion:212 Resp: 46794
 Ion Ratio Lower Upper
 212 100
 106 3.6 2.4 3.6
 104 2.3 1.6 2.4



#26
 Fluoranthene
 Concen: 0.028 ng
 RT: 19.30 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: BE093679.D
 Acq: 5 Aug 2017 17:37

Tgt Ion:202 Resp: 2285
 Ion Ratio Lower Upper
 202 100
 101 28.6 9.6 14.4#
 203 20.3 14.4 21.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE093679.D

Acq: 5 Aug 2017 17:37

Instrument :

BNA_E

ClientSampleId :

LASB-12-2

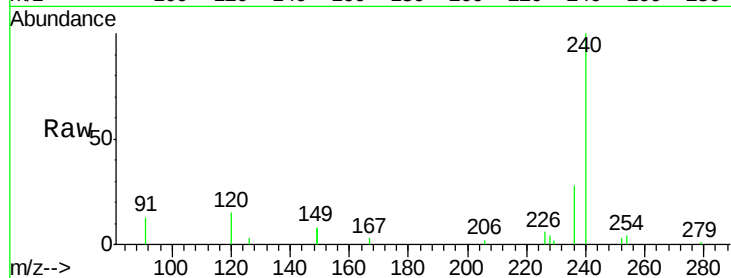
Tgt Ion:240 Resp: 23564

Ion Ratio Lower Upper

240 100

120 14.9 4.6 7.0#

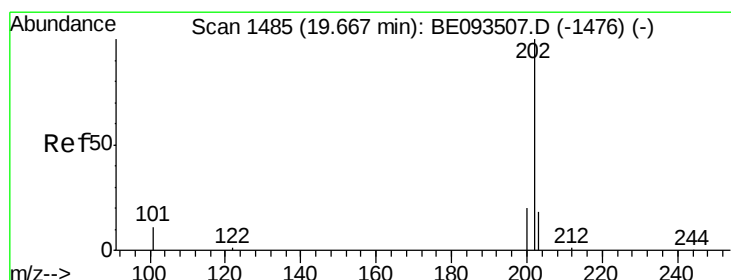
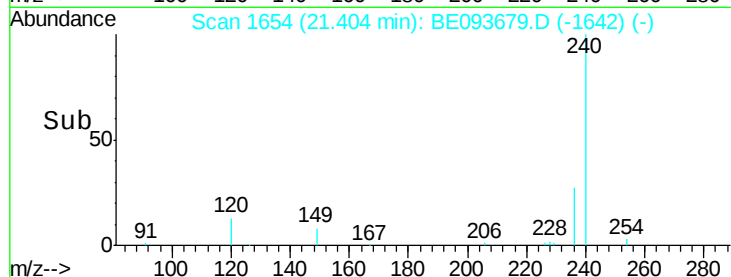
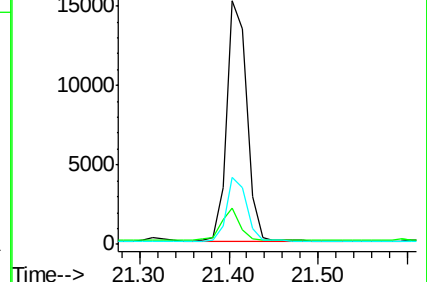
236 27.7 20.8 31.2



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: 0.027 ng

RT: 19.66 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE093679.D

Acq: 5 Aug 2017 17:37

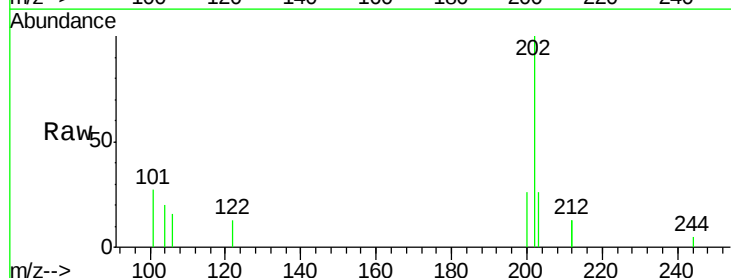
Tgt Ion:202 Resp: 2075

Ion Ratio Lower Upper

202 100

200 26.3 0.0 0.0#

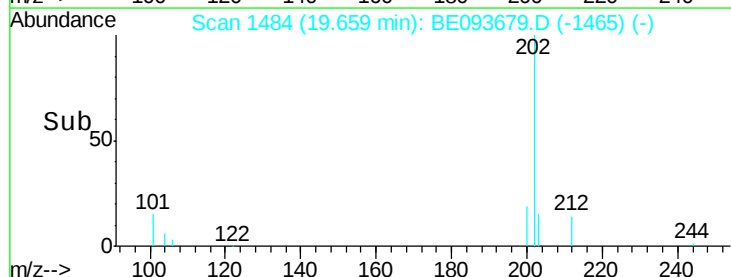
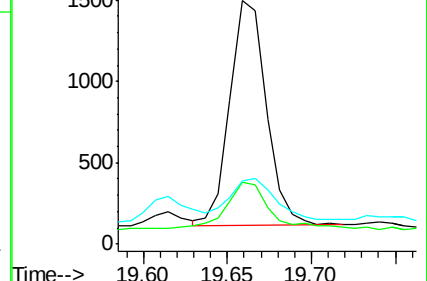
203 23.9 13.7 20.5#

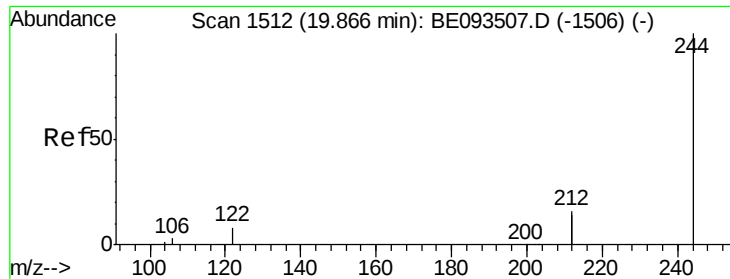


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.182 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093679.D

Acq: 5 Aug 2017 17:37

Instrument :

BNA_E

ClientSampleId :

LASB-12-2

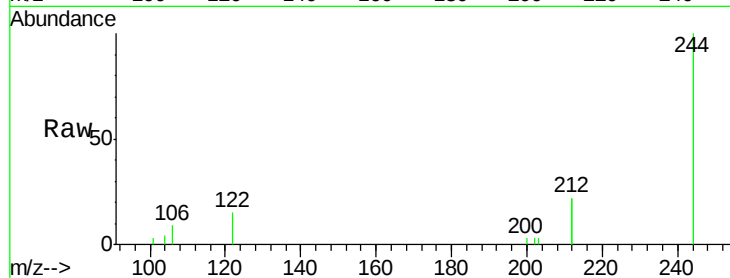
Tgt Ion:244 Resp: 7687

Ion Ratio Lower Upper

244 100

212 43.2 10.6 16.0#

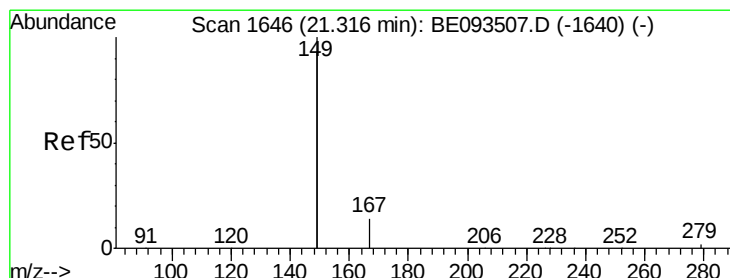
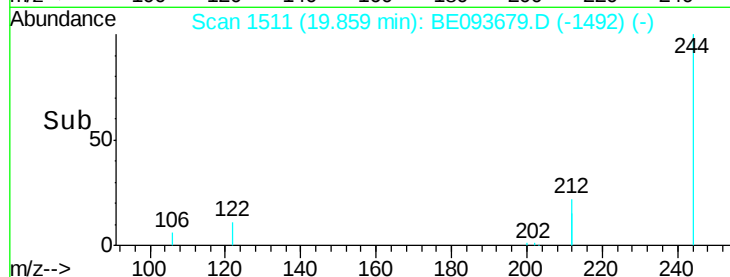
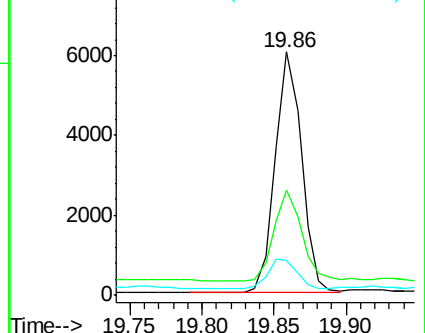
122 14.5 15.4 23.0#



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: 0.196 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BE093679.D

Acq: 5 Aug 2017 17:37

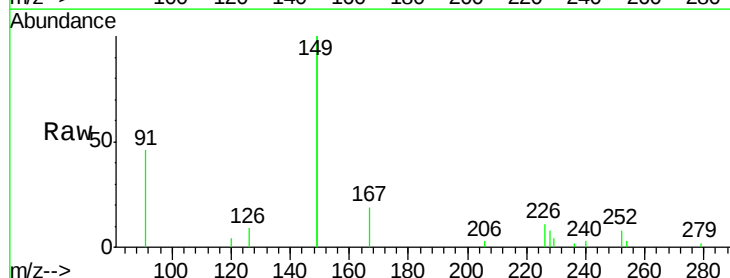
Tgt Ion:149 Resp: 18471

Ion Ratio Lower Upper

149 100

167 9.7 4.8 7.2#

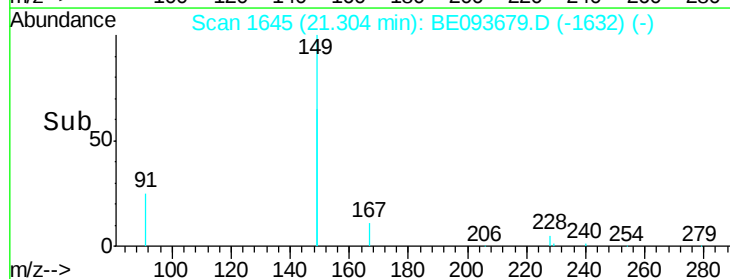
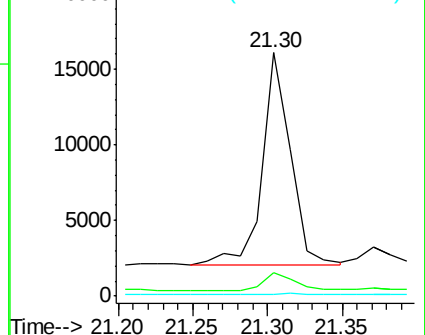
279 1.3 0.8 1.2#

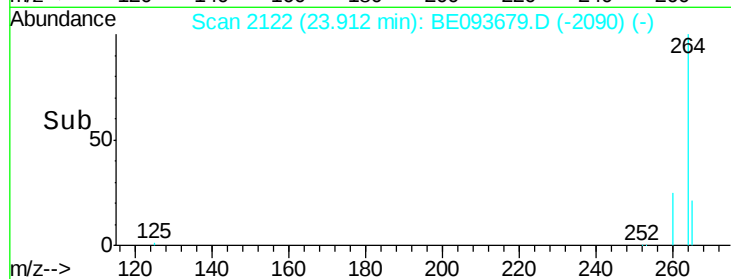
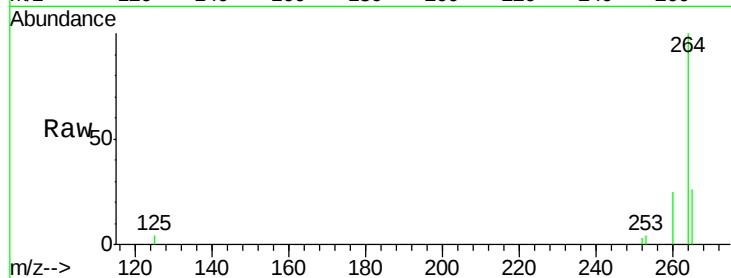
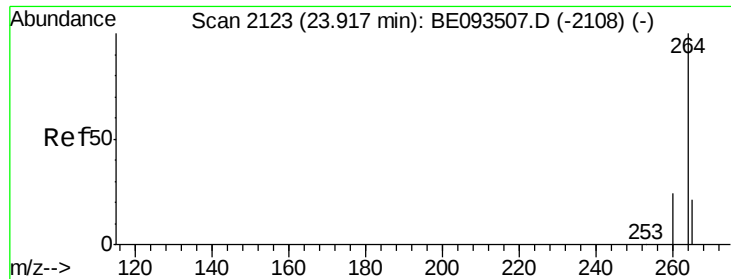


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.91 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BE093679.D

Acq: 5 Aug 2017 17:37

Instrument :

BNA_E

ClientSampleId :

LASB-12-2

Tgt Ion: 264 Resp: 21211

Ion Ratio Lower Upper

264 100

260 25.3 21.0 31.4

265 26.3 24.6 36.8

