

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 02:47:22 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

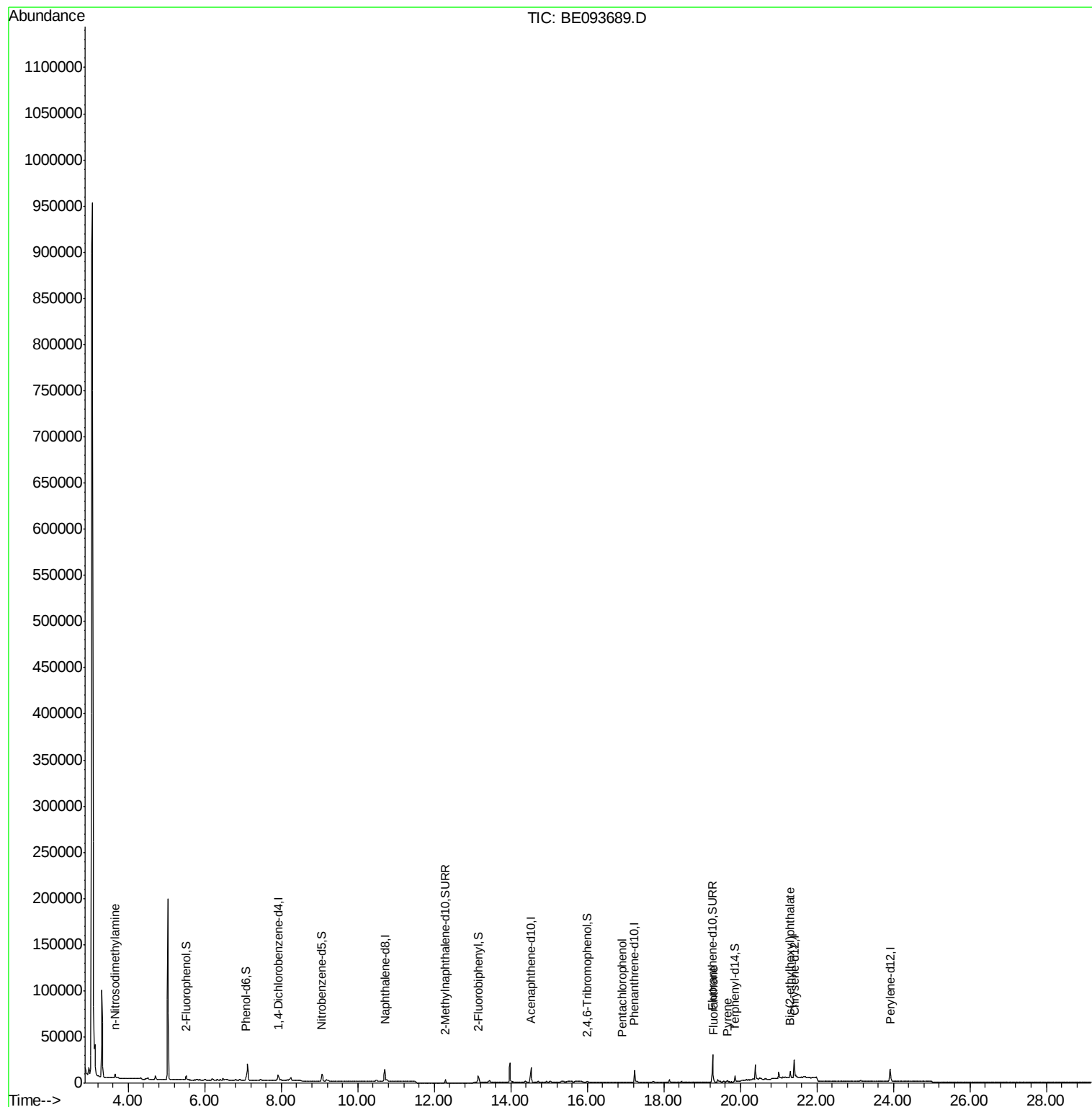
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.65	42	1940	0.416	ng	# 1
20) 4-Bromophenyl-phenylether	16.39	248	20	Below Cal		# 18
22) Pentachlorophenol	16.91	266	6	0.152	ng	# 60
26) Fluoranthene	19.30	202	1632	0.023	ng	# 78
28) Pyrene	19.67	202	1468	0.020	ng	# 96
32) 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

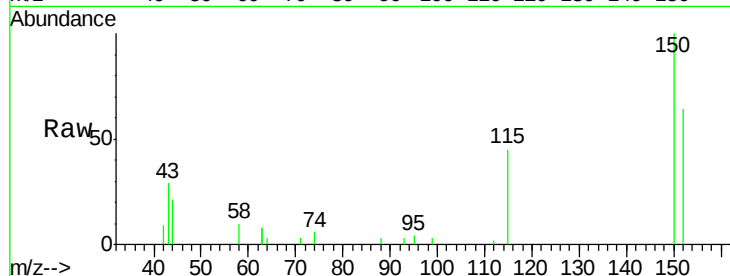
Tgt Ion:152 Resp: 3069

Ion Ratio Lower Upper

152 100

150 155.5 125.1 187.7

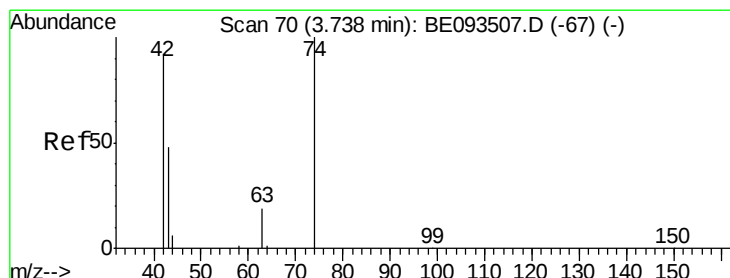
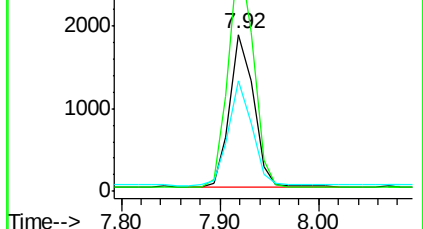
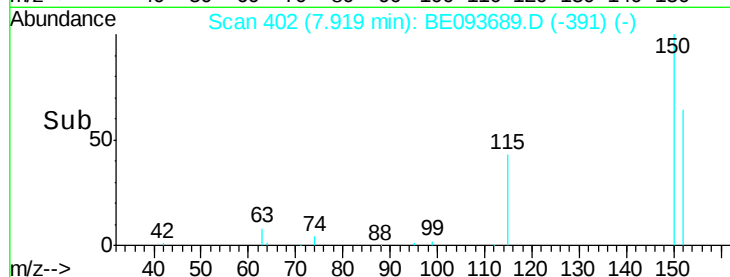
115 70.7 55.7 83.5



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



#3

n-Nitrosodimethylamine

Concen: 0.416 ng

RT: 3.65 min Scan# 63

Delta R.T. -0.09 min

Lab File: BE093689.D

Acq: 5 Aug 2017 23:50

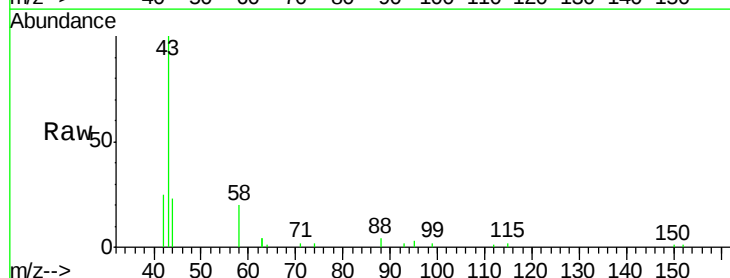
Tgt Ion: 42 Resp: 1940

Ion Ratio Lower Upper

42 100

74 1.9 99.1 148.7#

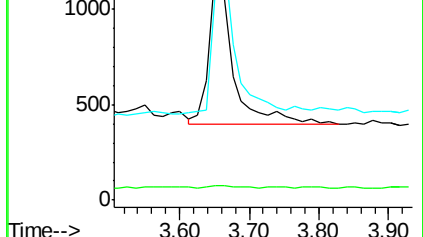
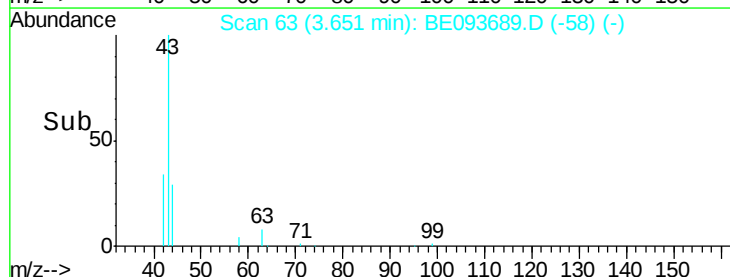
44 89.0 7.4 11.2#

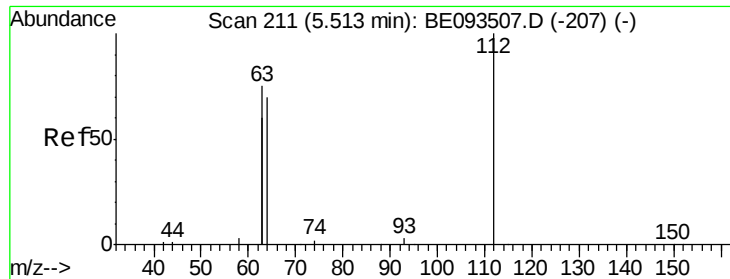


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#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

Instrument :

BNA_E

ClientSampled :

LASB-141-1

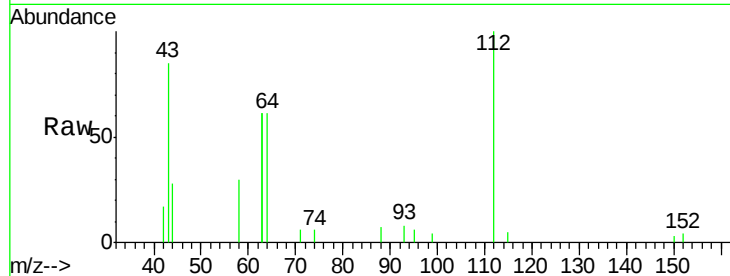
Tgt Ion: 112 Resp: 2427

Ion Ratio Lower Upper

112 100

64 75.0 56.4 84.6

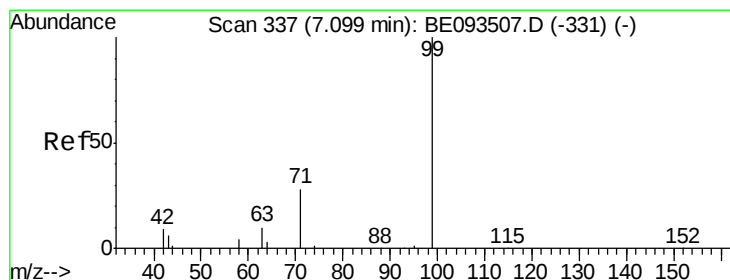
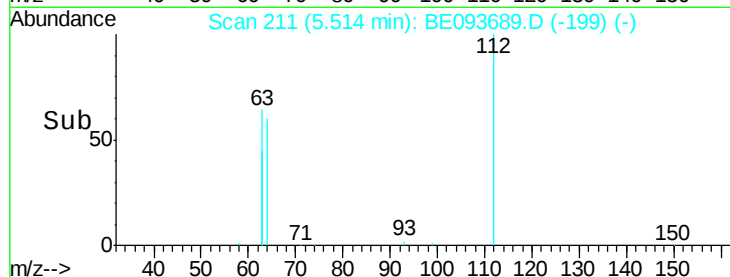
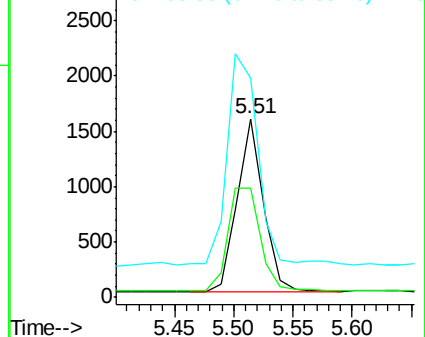
63 143.4 29.3 43.9#



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

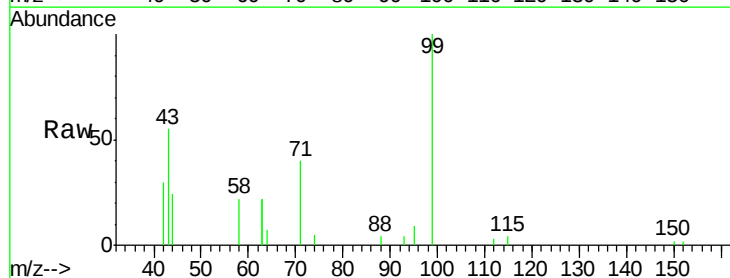
Tgt Ion: 99 Resp: 3898

Ion Ratio Lower Upper

99 100

42 38.8 0.0 0.0#

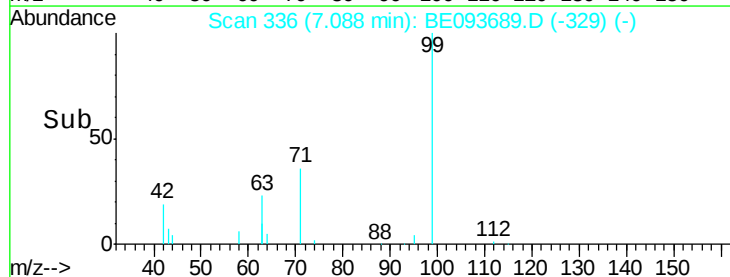
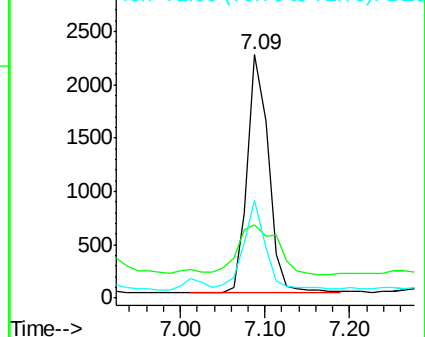
71 37.8 0.0 0.0#

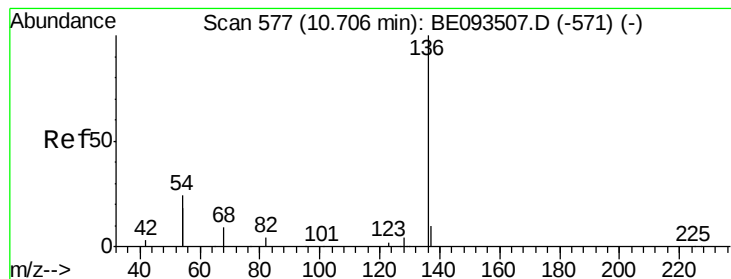


Abundance Ion 99.00 (98.70 to 99.70): BE0

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

Instrument :

BNA_E

ClientSampleId :

LASB-141-1

Tgt Ion: 136 Resp: 15640

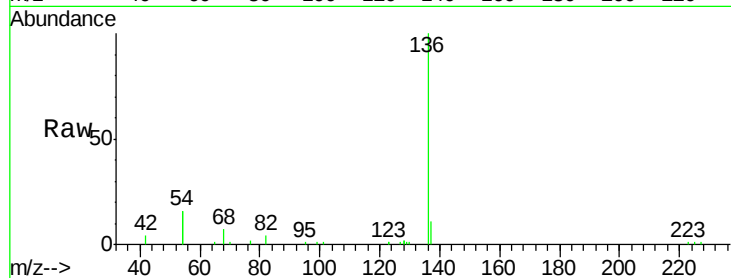
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 31.9 10.3 15.5#

68 6.8 9.0 13.4#

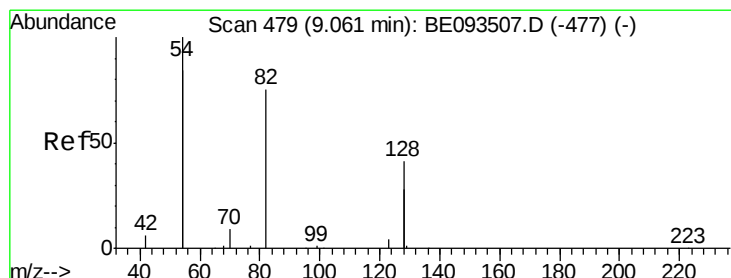
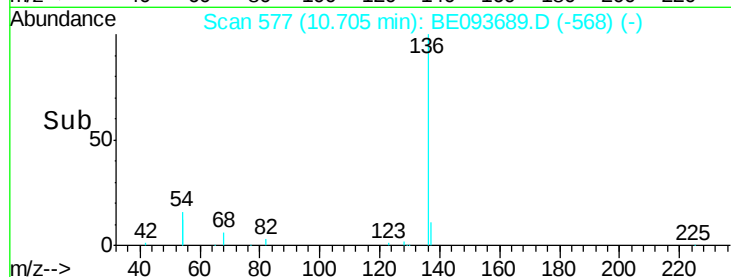
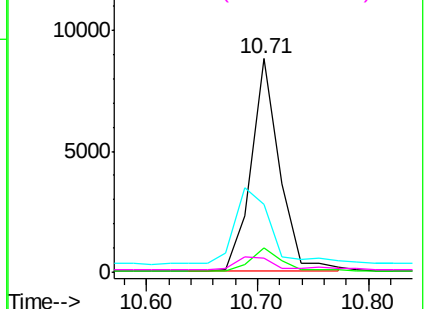


Abundance Ion 136.00 (135.70 to 136.70): E

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

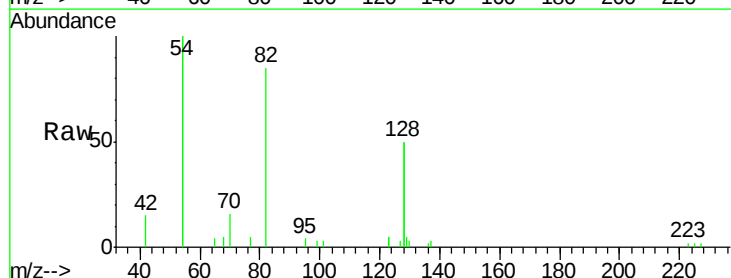
Tgt Ion: 82 Resp: 3311

Ion Ratio Lower Upper

82 100

128 116.6 17.0 25.4#

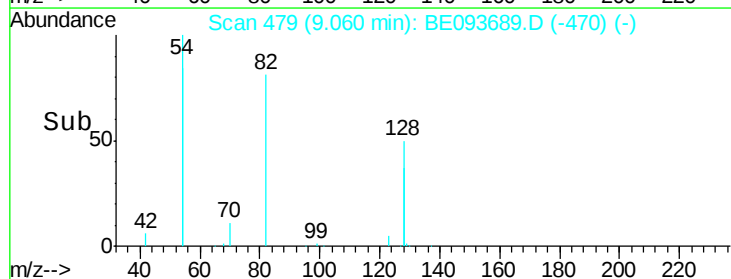
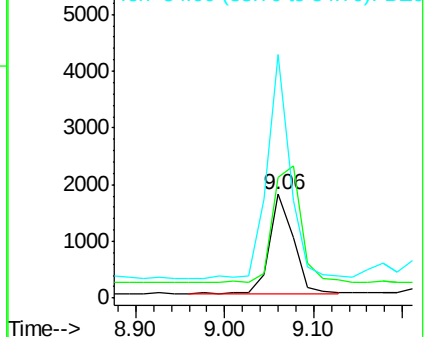
54 234.8 53.8 80.6#

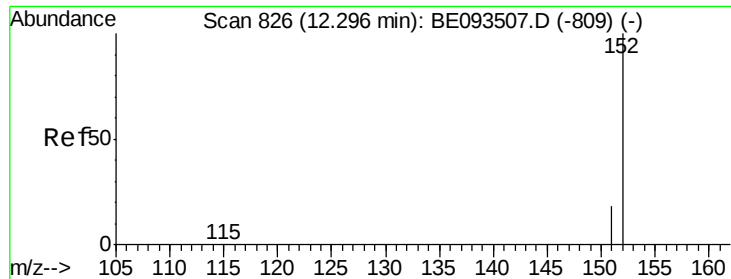


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

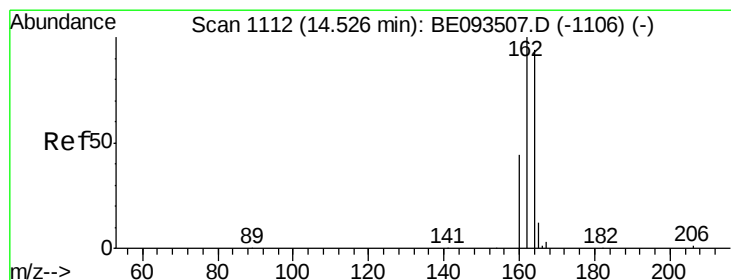
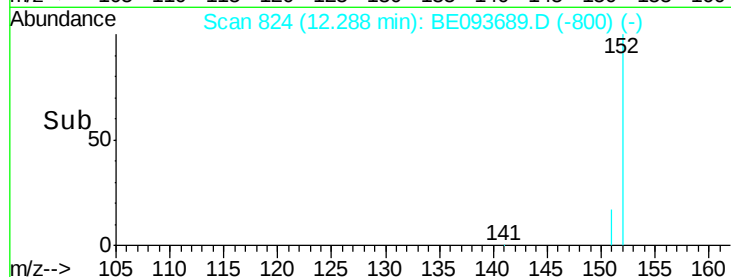
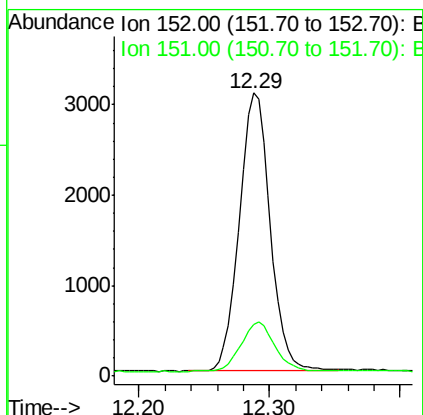
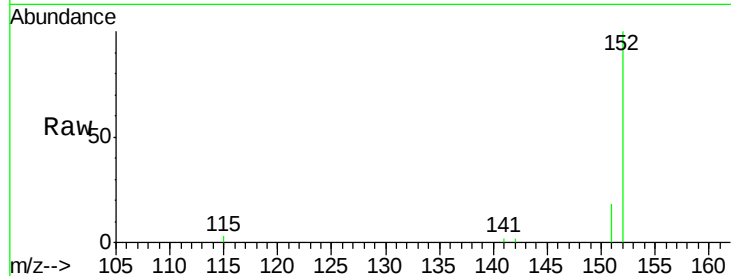




#11
2-Methylnaphthalene-d10
Concen: 0.205 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE093689.D
Acq: 5 Aug 2017 23:50

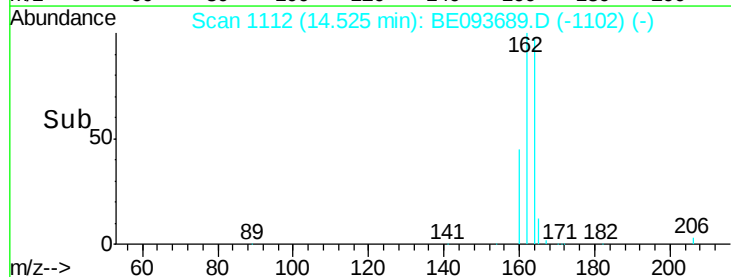
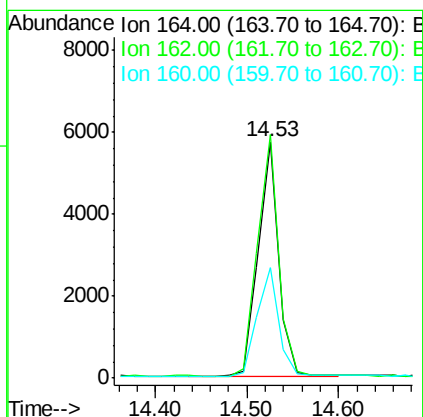
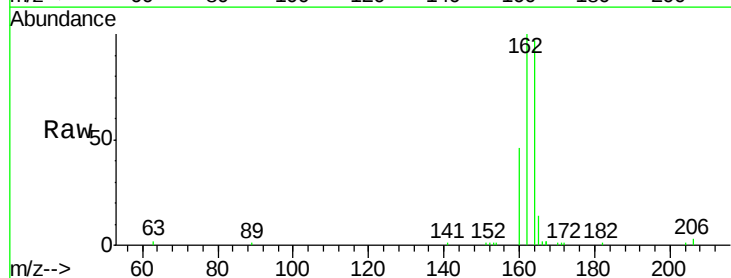
Instrument :
BNA_E
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LASB-141-1

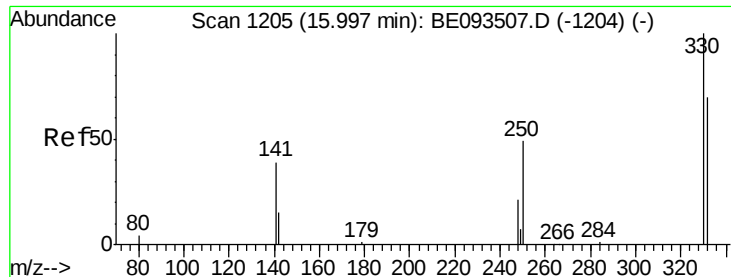
Tgt Ion:152 Resp: 5057
Ion Ratio Lower Upper
152 100
151 19.4 15.1 22.7



#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

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

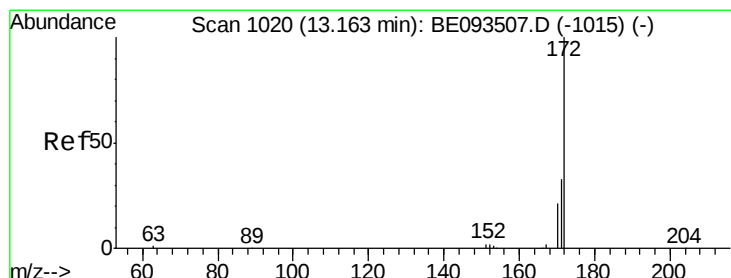
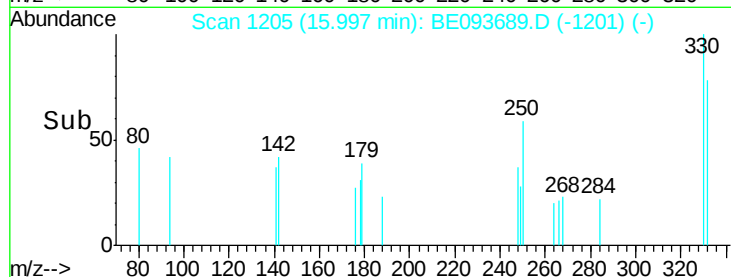
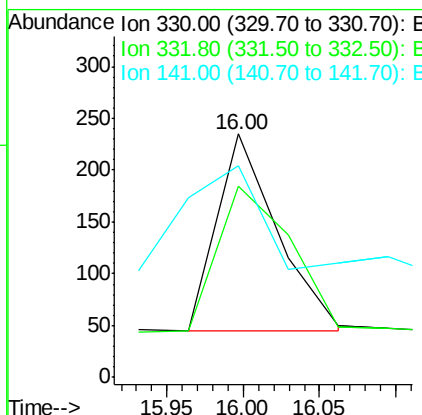
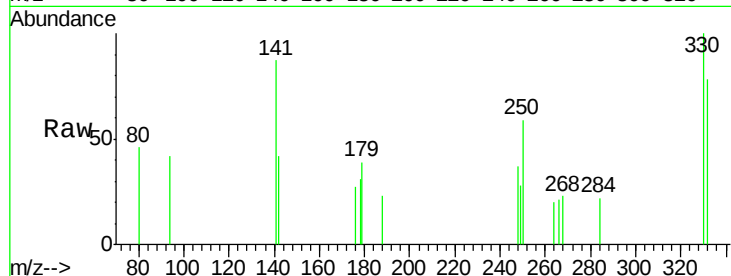




#14
 2,4,6-Tribromophenol
 Concen: 0.302 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BE093689.D
 Acq: 5 Aug 2017 23:50

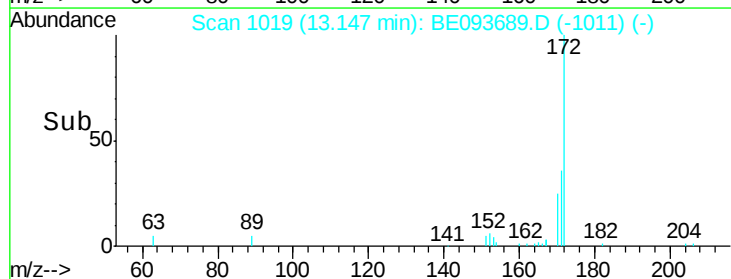
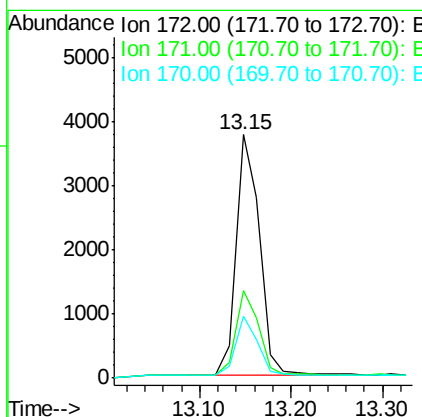
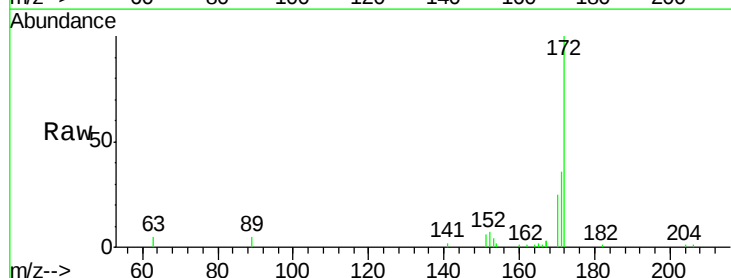
Instrument :
 BNA_E
 ClientSampleId :
 LASB-141-1

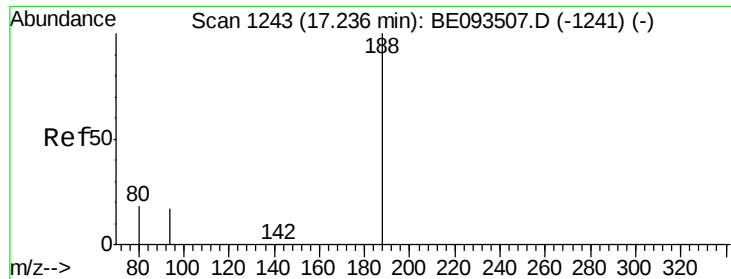
Tgt Ion: 330 Resp: 518
 Ion Ratio Lower Upper
 330 100
 332 90.2 77.7 116.5
 141 65.3 56.2 84.4



#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

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





#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

Instrument :

BNA_E

ClientSampleId :

LASB-141-1

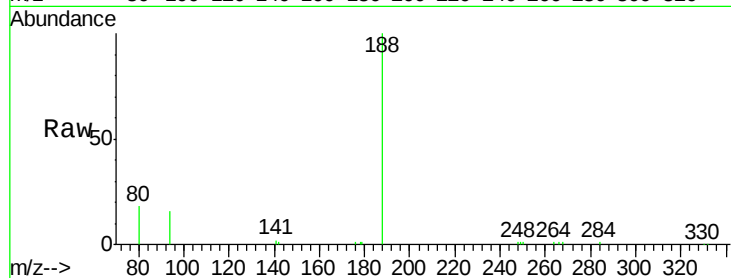
Tgt Ion:188 Resp: 20265

Ion Ratio Lower Upper

188 100

94 16.3 11.3 16.9

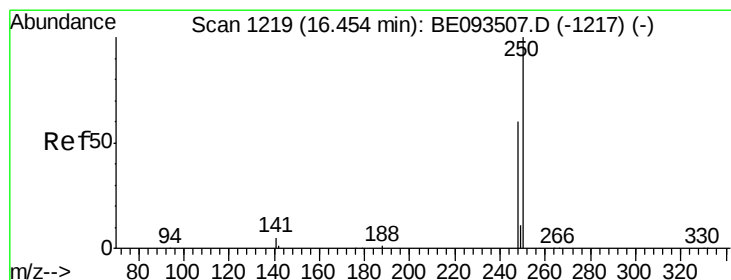
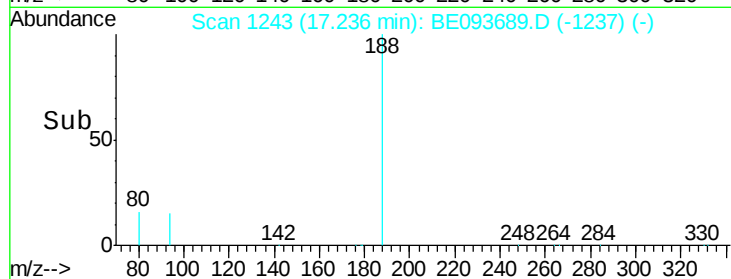
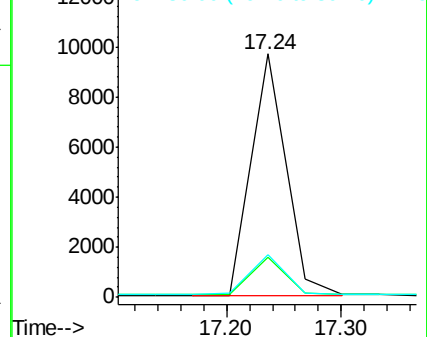
80 17.5 11.7 17.5#



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



#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.39 min Scan# 1217

Delta R.T. -0.06 min

Lab File: BE093689.D

Acq: 5 Aug 2017 23:50

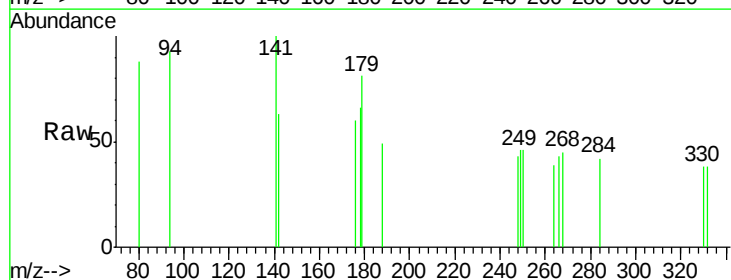
Tgt Ion:248 Resp: 20

Ion Ratio Lower Upper

248 100

250 105.8 128.0 192.0#

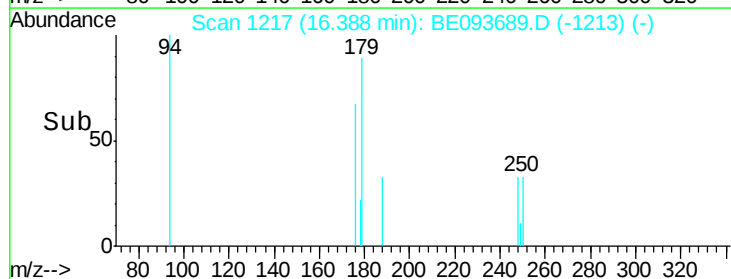
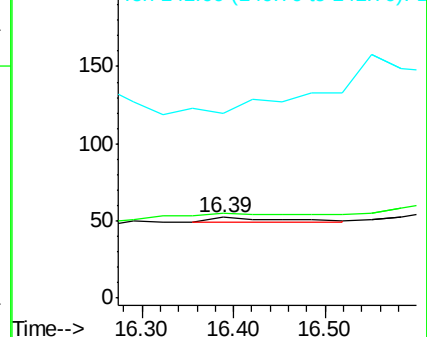
141 230.8 12.0 18.0#

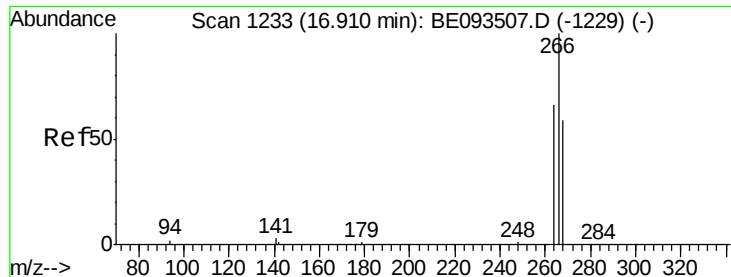


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

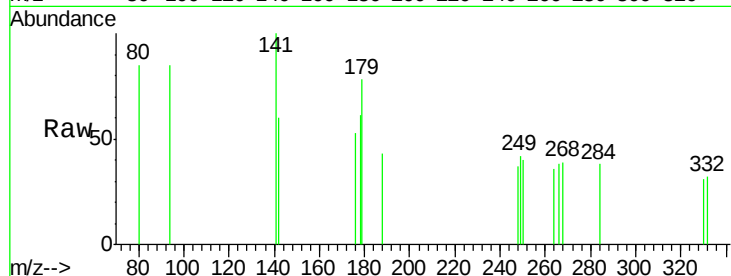




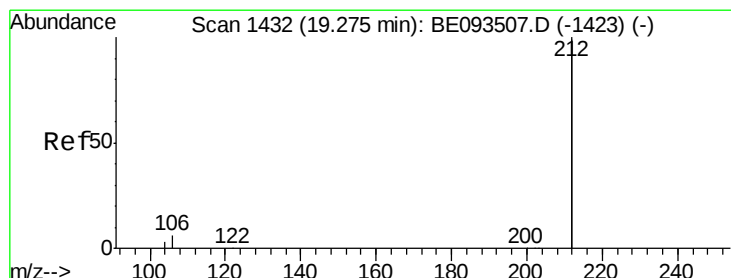
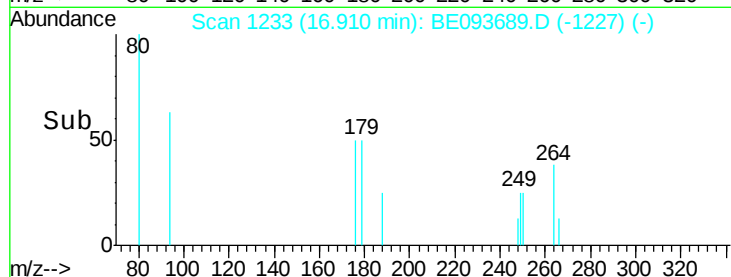
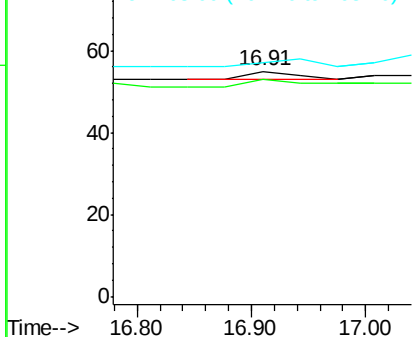
#22
 Pentachlorophenol
 Concen: 0.152 ng
 RT: 16.91 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BE093689.D
 Acq: 5 Aug 2017 23:50

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion: 266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 264 96.4 56.0 84.0#
 268 103.6 52.0 78.0#

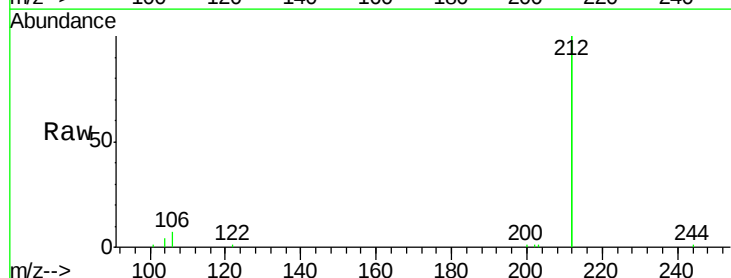


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

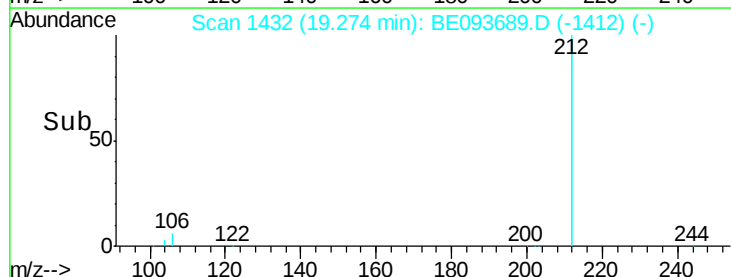
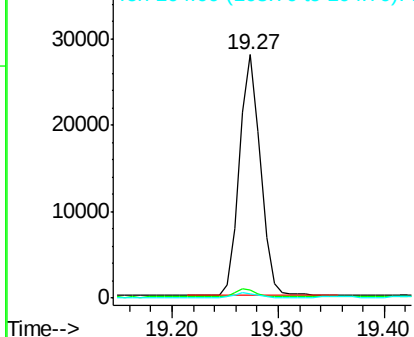


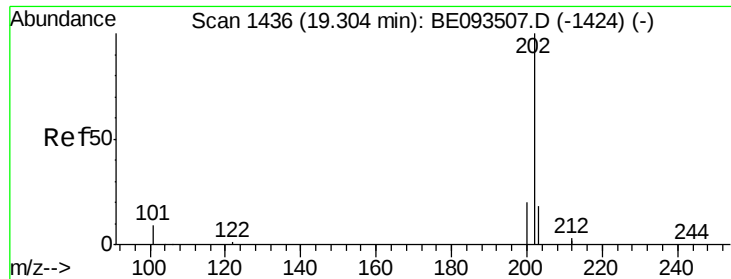
#25
 Fluoranthene-d10
 Concen: 0.166 ng
 RT: 19.27 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BE093689.D
 Acq: 5 Aug 2017 23:50

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

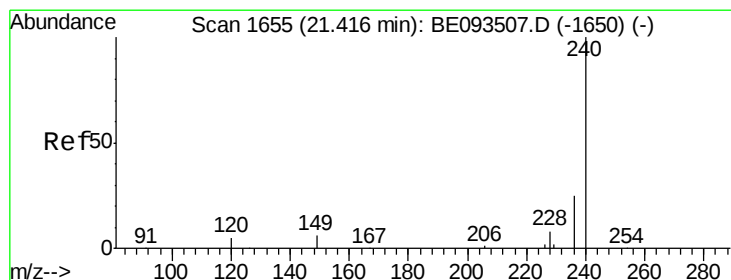
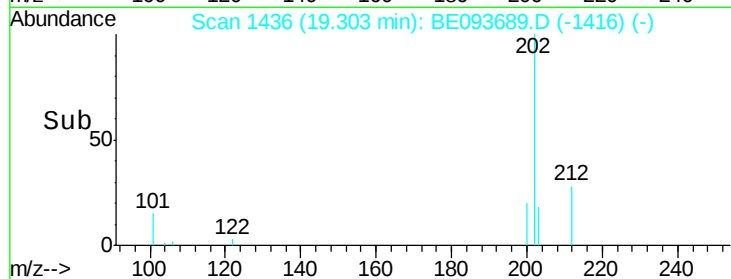
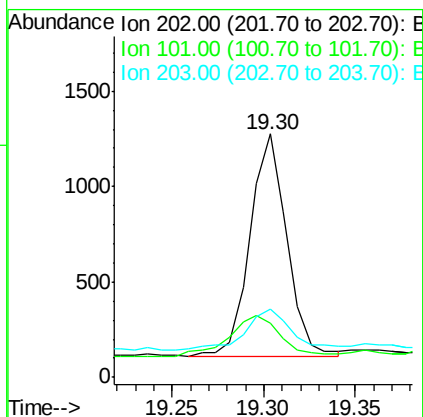
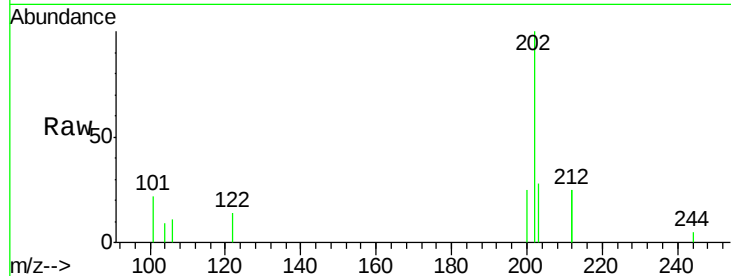




#26
 Fluoranthene
 Concen: 0.023 ng
 RT: 19.30 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: BE093689.D
 Acq: 5 Aug 2017 23:50

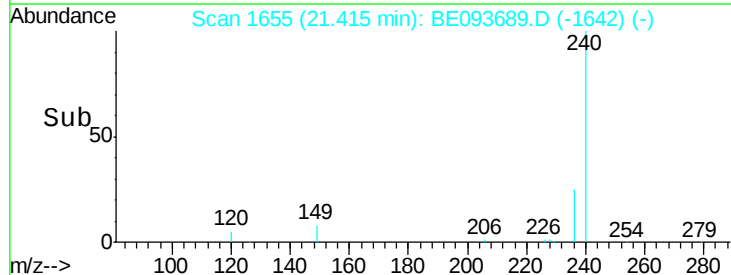
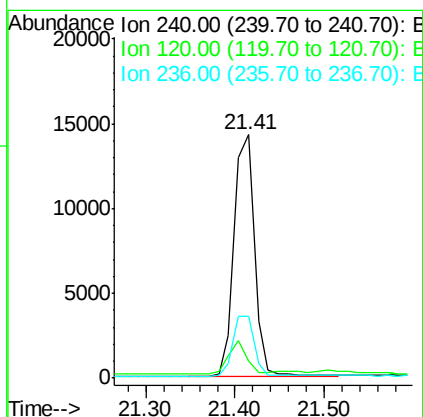
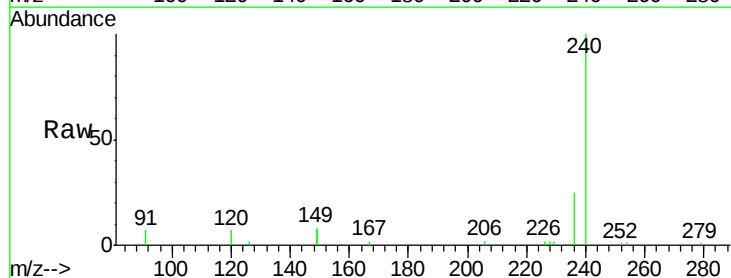
Instrument :
 BNA_E
 ClientSampleId :
 LASB-141-1

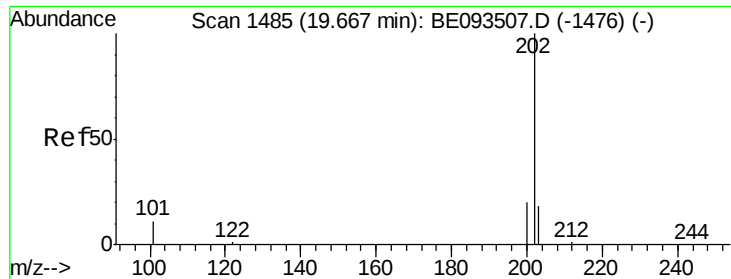
Tgt Ion: 202 Resp: 1632
 Ion Ratio Lower Upper
 202 100
 101 26.8 9.6 14.4#
 203 23.3 14.4 21.6#



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BE093689.D
 Acq: 5 Aug 2017 23:50

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





#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

Instrument :

BNA_E

ClientSampleId :

LASB-141-1

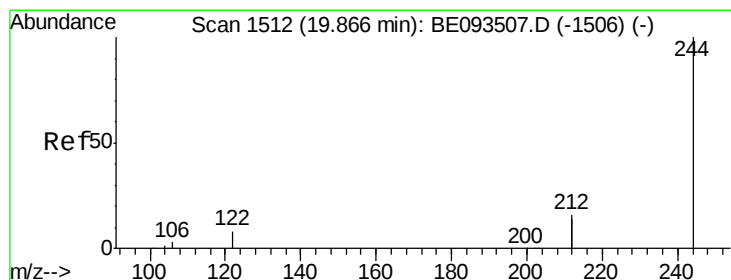
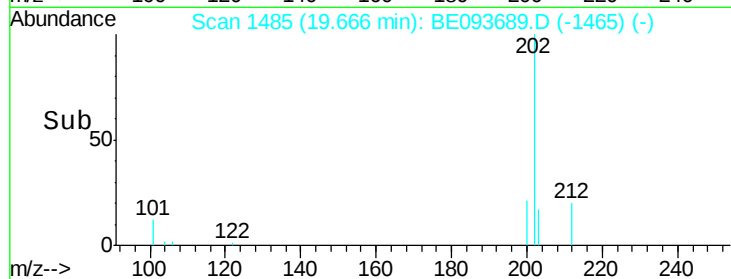
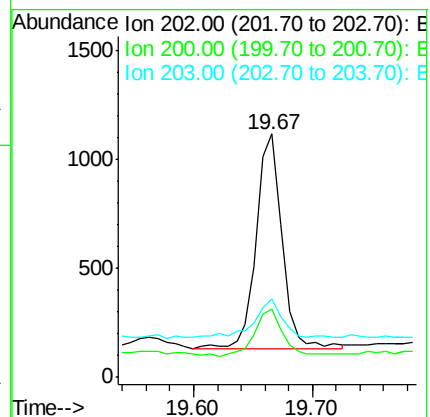
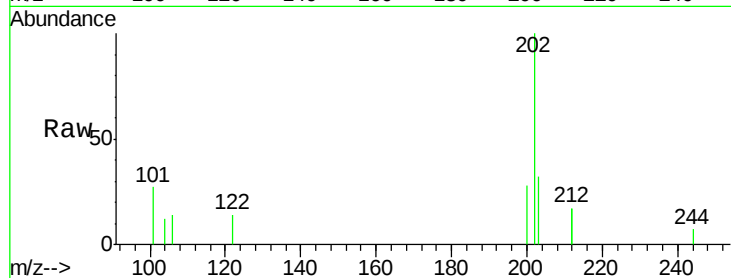
Tgt Ion:202 Resp: 1468

Ion Ratio Lower Upper

202 100

200 23.8 0.0 0.0#

203 18.7 13.7 20.5



#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

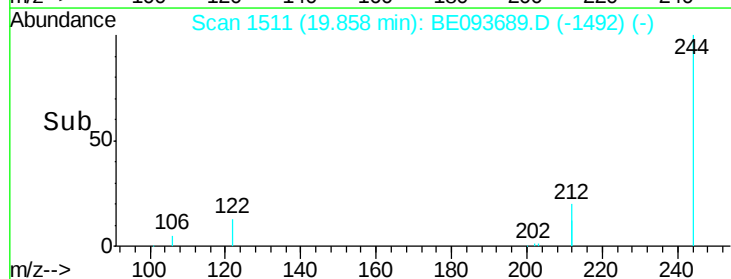
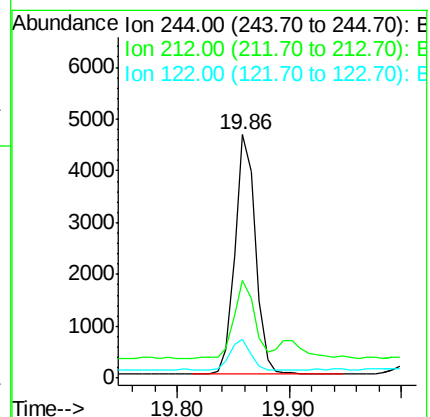
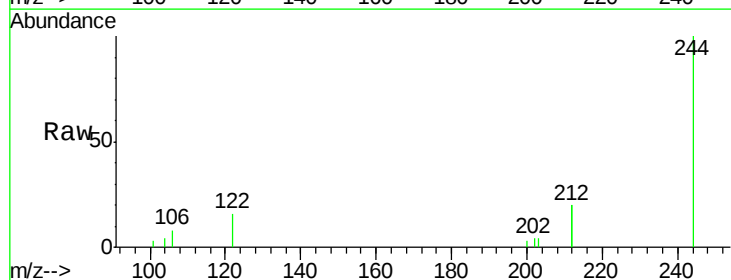
Tgt Ion:244 Resp: 5866

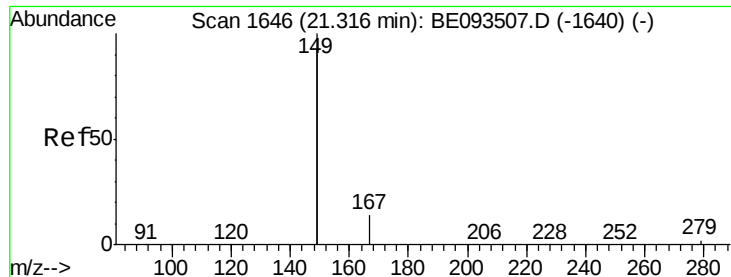
Ion Ratio Lower Upper

244 100

212 40.3 10.6 16.0#

122 16.0 15.4 23.0

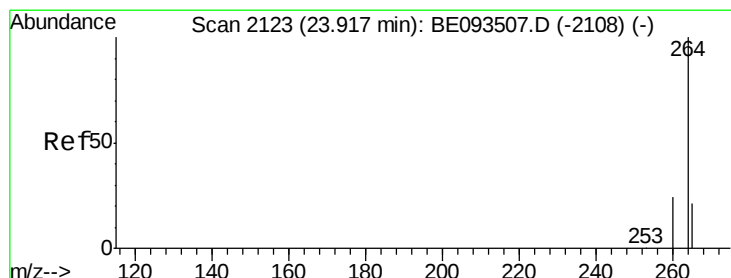
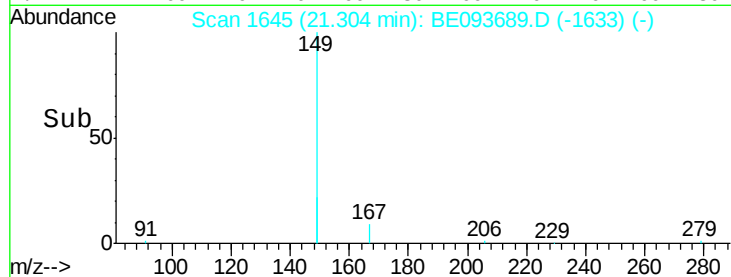
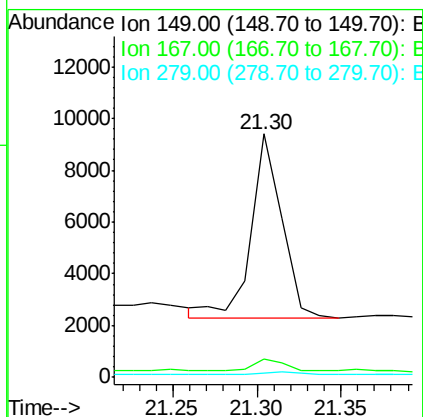
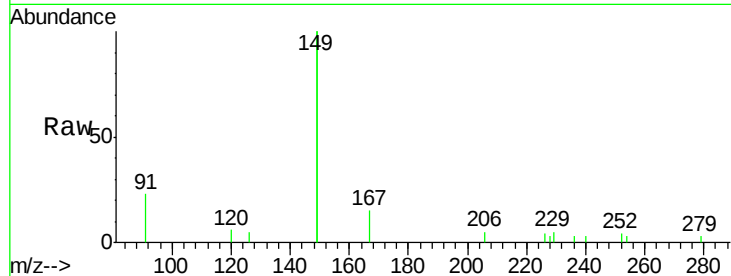




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.101 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BE093689.D
 Acq: 5 Aug 2017 23:50

Instrument :
 BNA_E
 ClientSampleId :
 LASB-141-1

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



#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

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

