

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 02:43:55 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

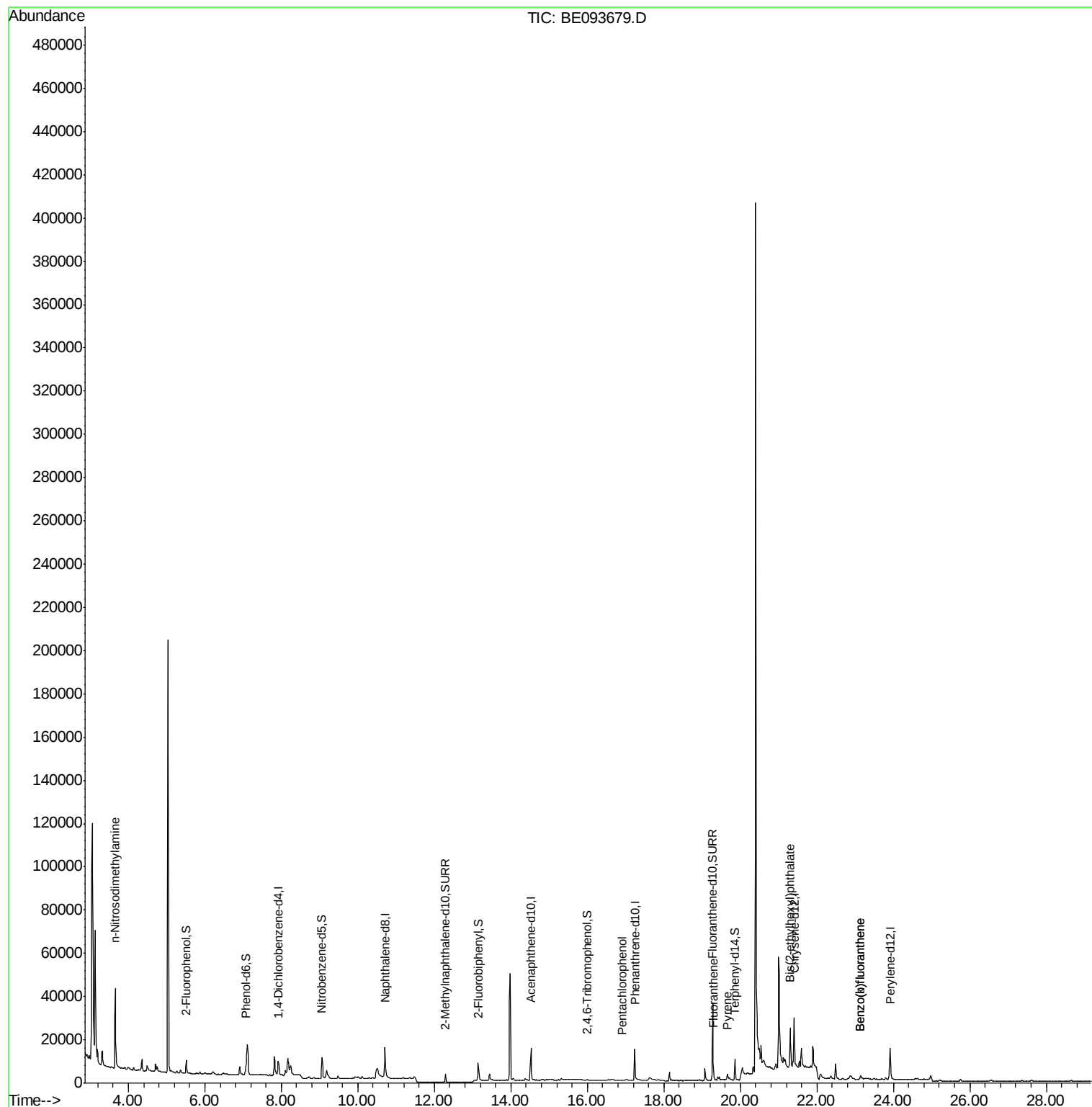
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.66	42	6739	1.377	ng	# 1
20) 4-Bromophenyl-phenylether	16.36	248	2	Below Cal		# 12
21) Hexachlorobenzene	16.49	284	2	Below Cal		# 100
22) Pentachlorophenol	16.91	266	65	0.165	ng	# 71
26) Fluoranthene	19.30	202	2285	0.028	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
35) Benzo(b)fluoranthene	23.14	252	2127	0.028	ng	# 14
36) Benzo(k)fluoranthene	23.14	252	2127	0.027	ng	# 18

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

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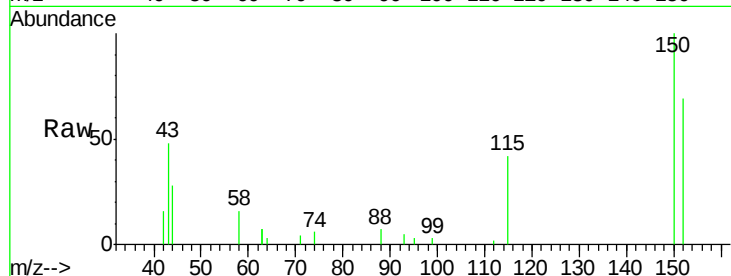


#1

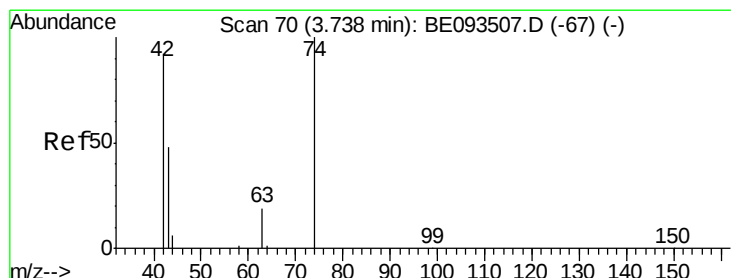
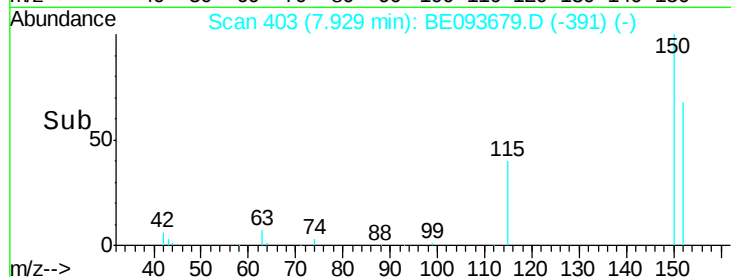
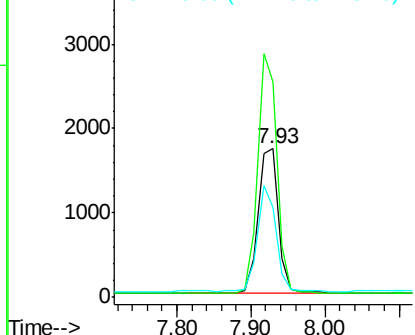
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. -0.00 min
Lab File: BE093679.D
Acq: 5 Aug 2017 17:37

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



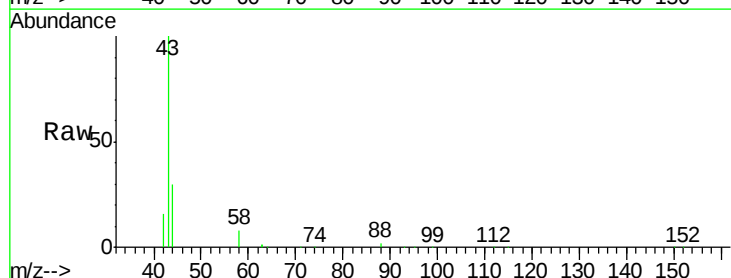
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



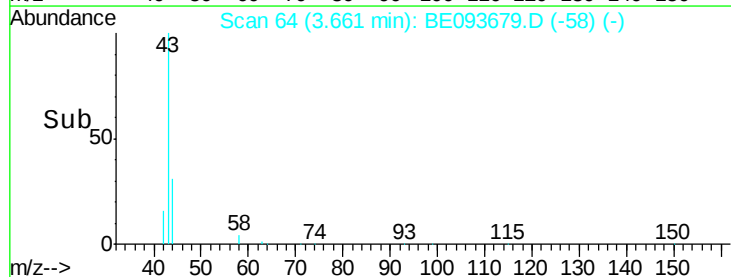
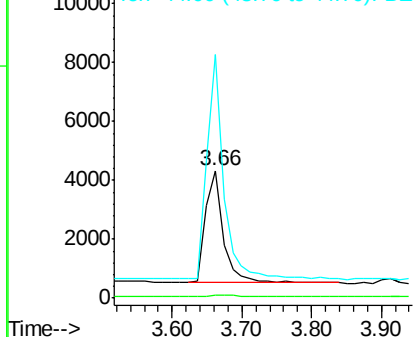
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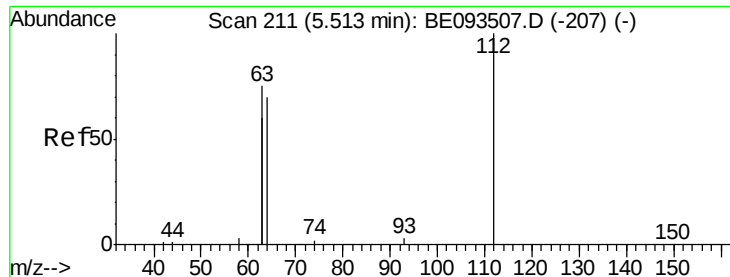
n-Nitrosodimethylamine
Concen: 1.377 ng
RT: 3.66 min Scan# 64
Delta R.T. -0.08 min
Lab File: BE093679.D
Acq: 5 Aug 2017 17:37

Tgt Ion: 42 Resp: 6739
Ion Ratio Lower Upper
42 100
74 1.6 99.1 148.7#
44 186.2 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: 0.325 ng

RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE093679.D

Acq: 5 Aug 2017 17:37

Instrument :

BNA_E

ClientSampleId :

LASB-12-2

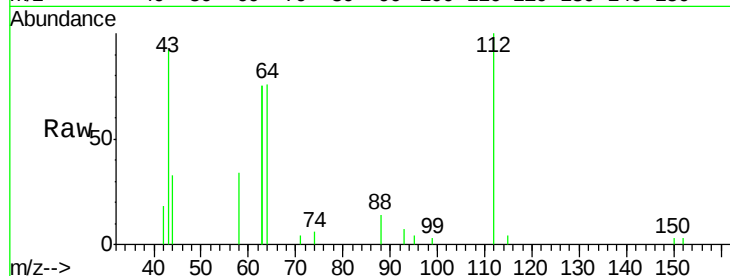
Tgt Ion: 112 Resp: 3115

Ion Ratio Lower Upper

112 100

64 73.0 56.4 84.6

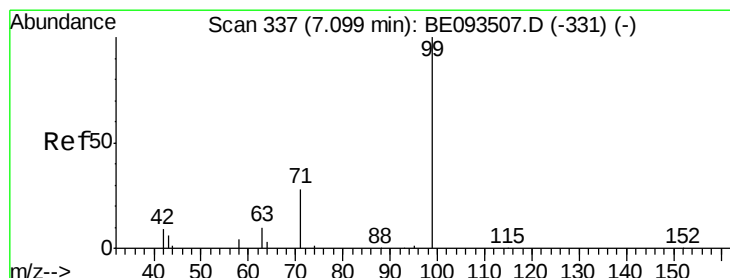
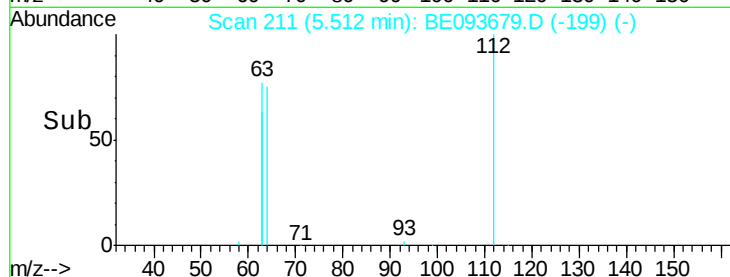
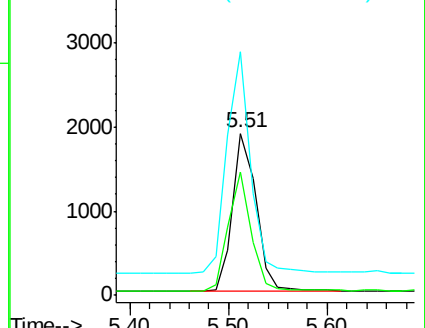
63 140.4 29.3 43.9#



Abundance Ion 112.00 (111.70 to 112.70): BE093507.D (-207) (-)

Ion 64.00 (63.70 to 64.70): BE093507.D (-207) (-)

Ion 63.00 (62.70 to 63.70): BE093507.D (-207) (-)



#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

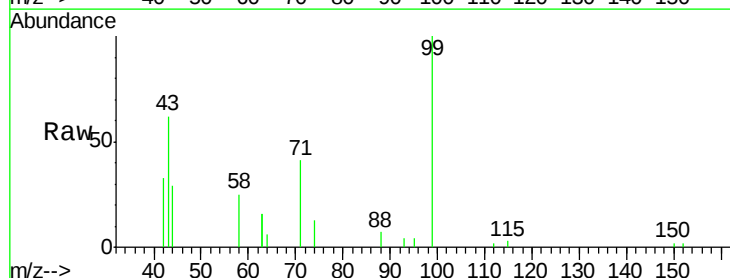
Tgt Ion: 99 Resp: 4816

Ion Ratio Lower Upper

99 100

42 34.3 0.0 0.0#

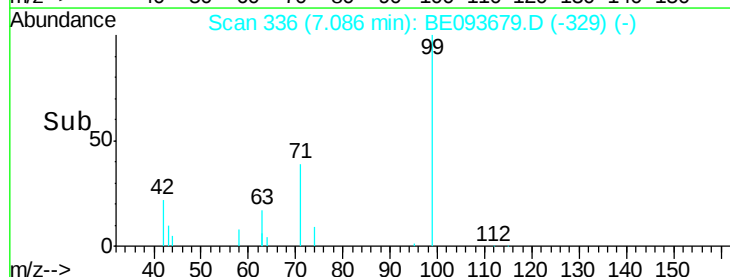
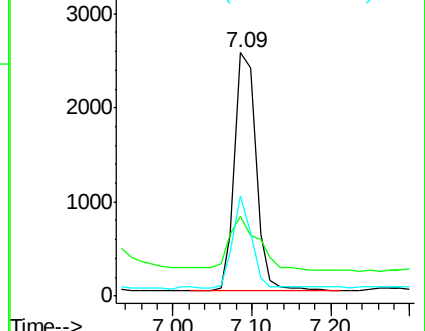
71 33.1 0.0 0.0#

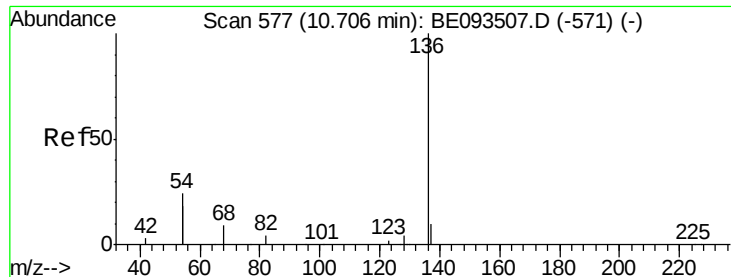


Abundance Ion 99.00 (98.70 to 99.70): BE093507.D (-331) (-)

Ion 42.00 (41.70 to 42.70): BE093507.D (-331) (-)

Ion 71.00 (70.70 to 71.70): BE093507.D (-331) (-)





#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

Instrument :

BNA_E

ClientSampleId :

LASB-12-2

Tgt Ion: 136 Resp: 15935

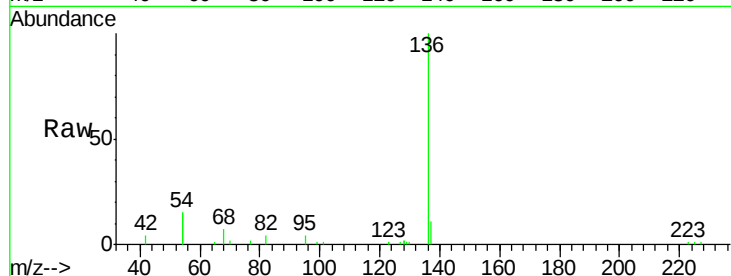
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 30.9 10.3 15.5#

68 6.8 9.0 13.4#

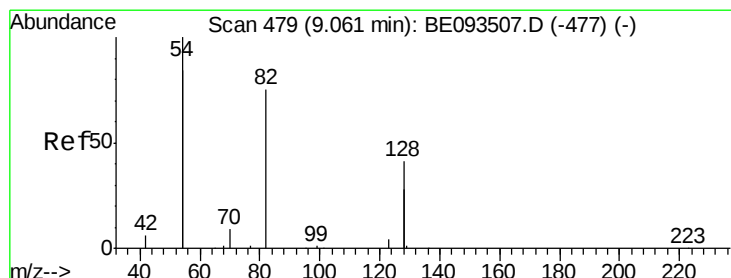
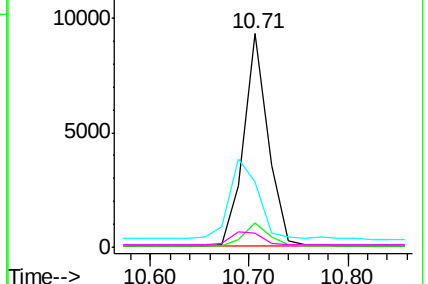
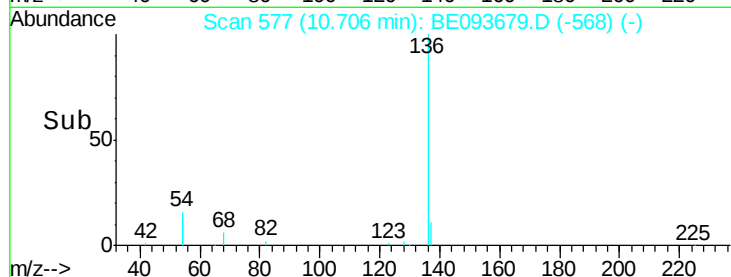


Abundance Ion 136.00 (135.70 to 136.70): E

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

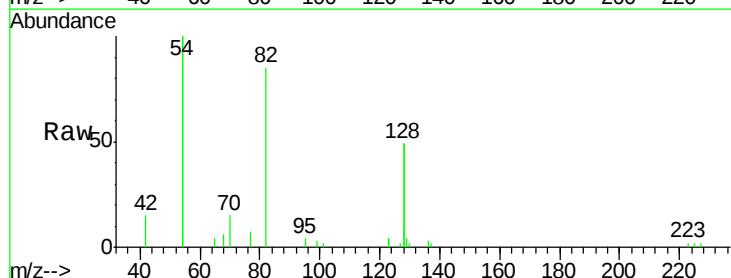
Tgt Ion: 82 Resp: 3849

Ion Ratio Lower Upper

82 100

128 116.3 17.0 25.4#

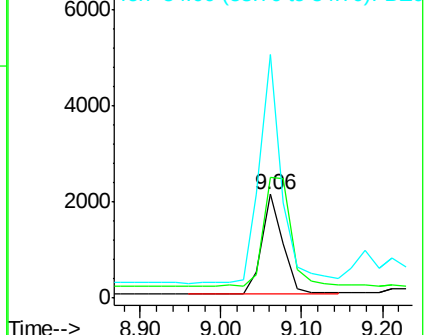
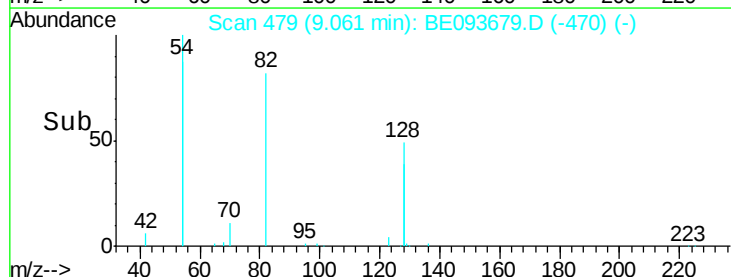
54 235.2 53.8 80.6#

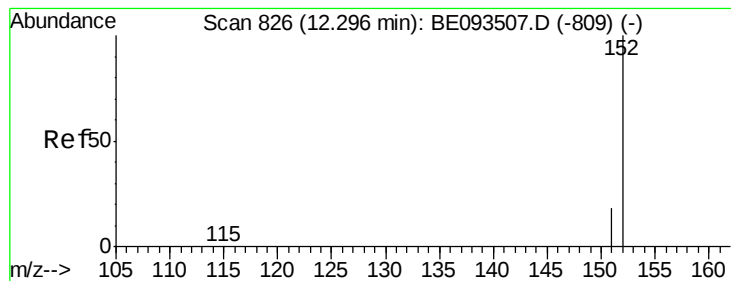


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.221 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093679.D

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Instrument :

BNA_E

ClientSampleId :

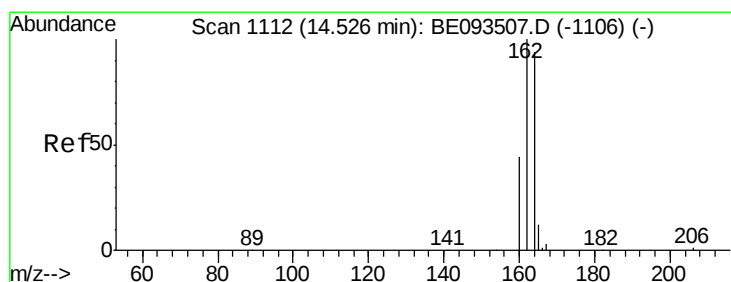
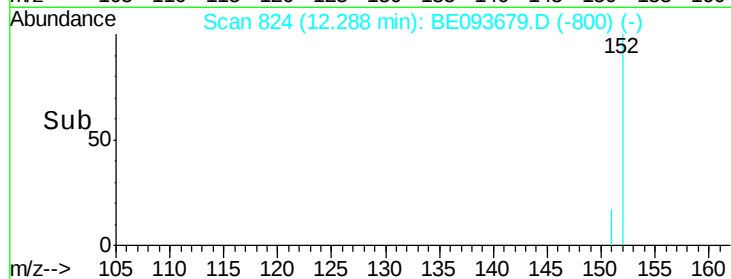
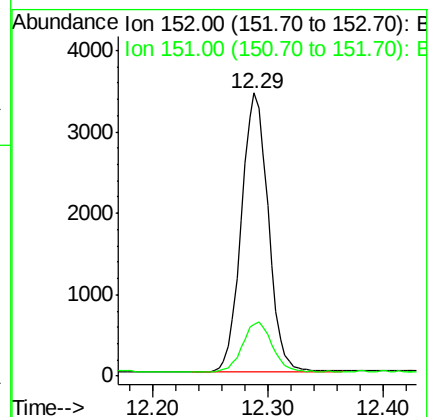
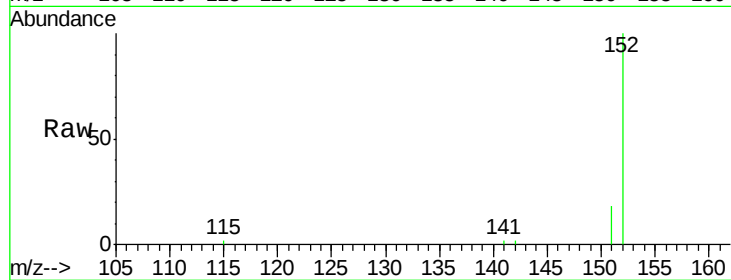
LASB-12-2

Tgt Ion:152 Resp: 5563

Ion Ratio Lower Upper

152 100

151 19.2 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: BE093679.D

Acq: 5 Aug 2017 17:37

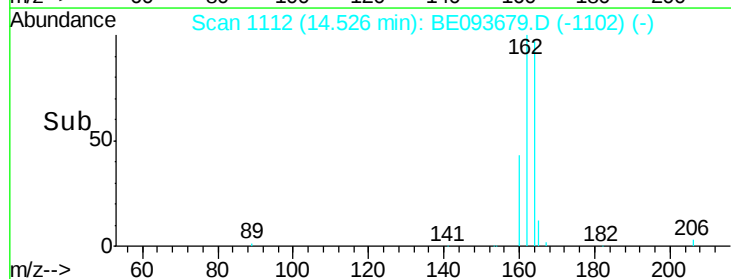
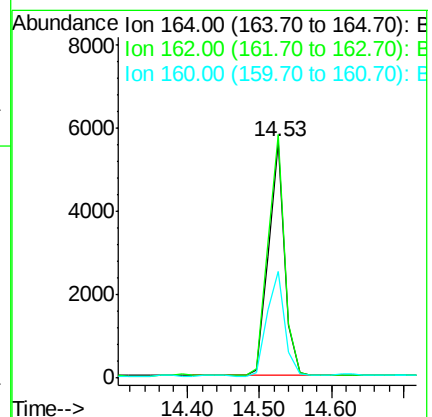
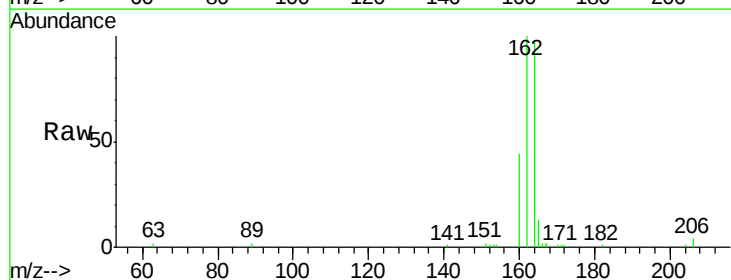
Tgt Ion:164 Resp: 8858

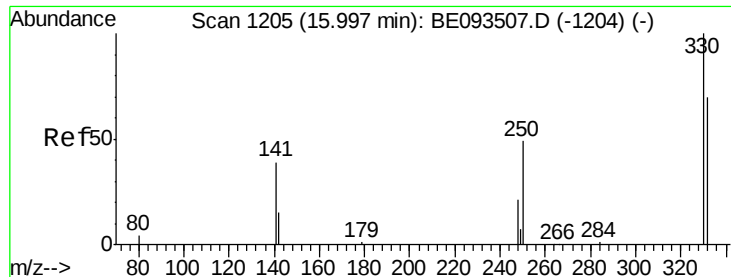
Ion Ratio Lower Upper

164 100

162 103.2 84.6 127.0

160 45.2 41.8 62.6

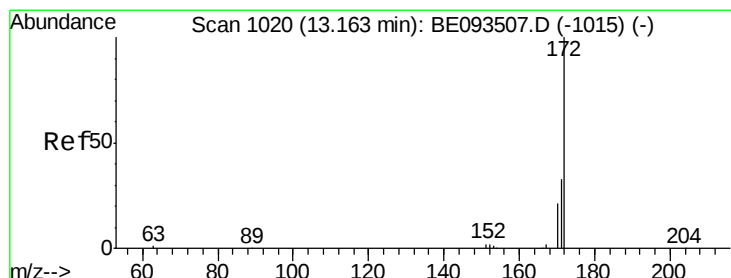
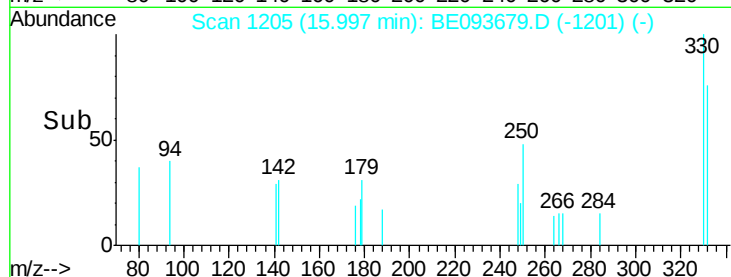
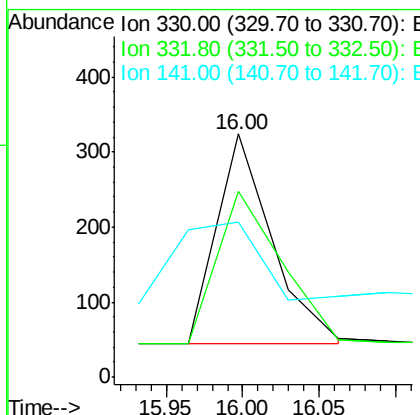
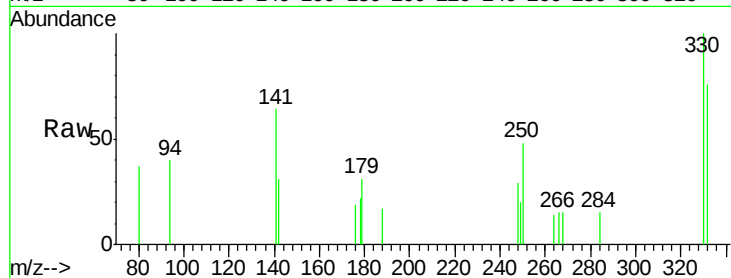




#14
 2,4,6-Tribromophenol
 Concen: 0.369 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE093679.D
 Acq: 5 Aug 2017 17:37

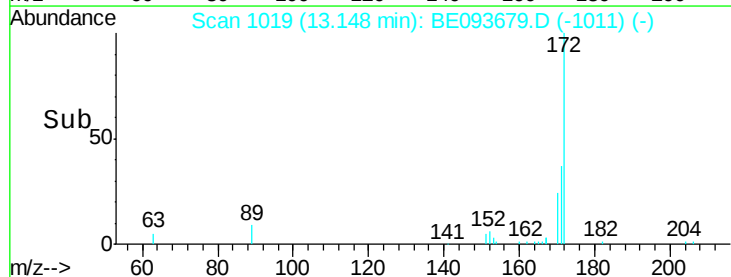
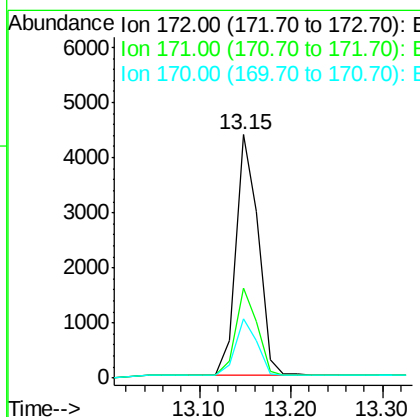
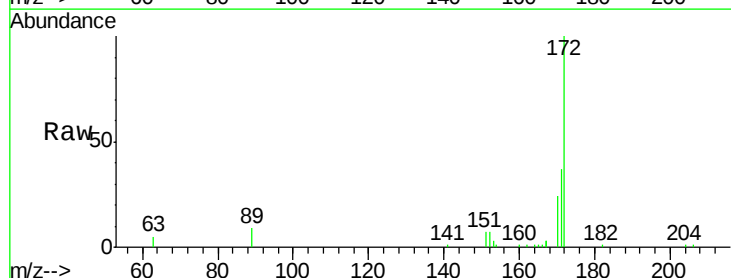
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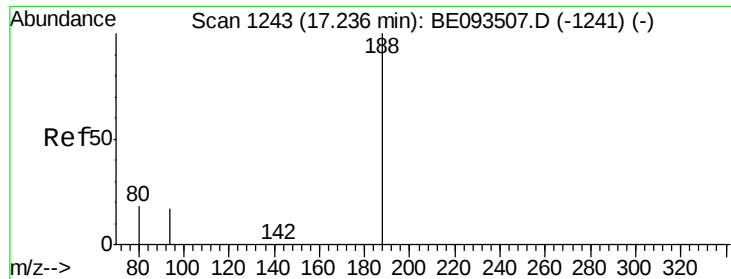
Tgt Ion: 330 Resp: 696
 Ion Ratio Lower Upper
 330 100
 332 84.9 77.7 116.5
 141 60.2 56.2 84.4



#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

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

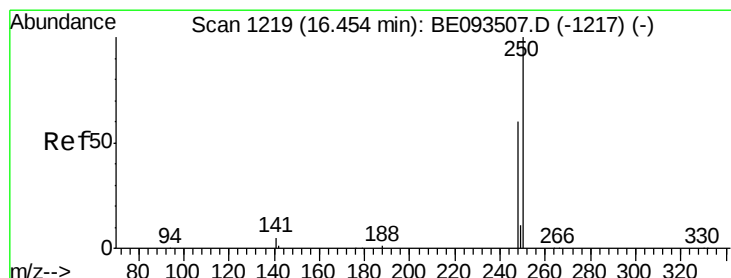
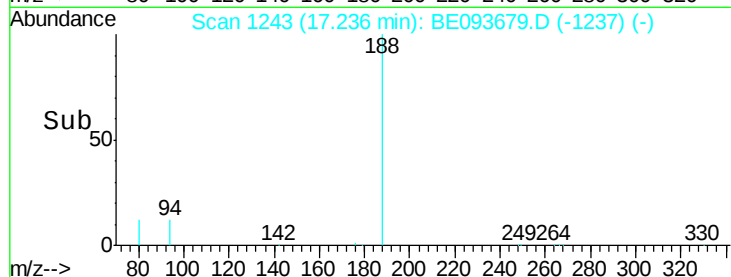
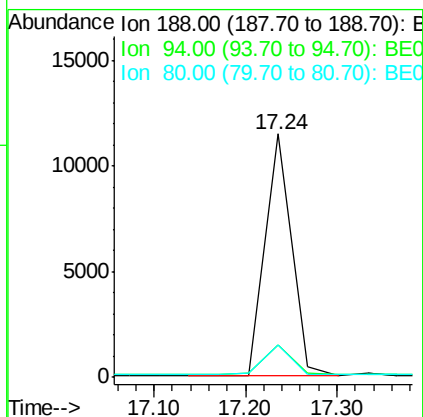
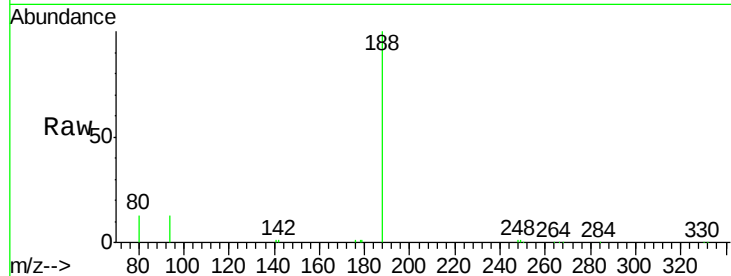




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093679.D
Acq: 5 Aug 2017 17:37

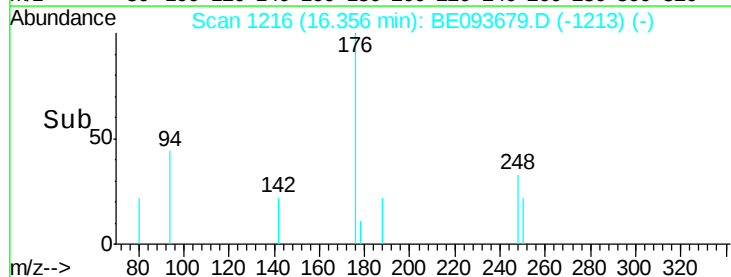
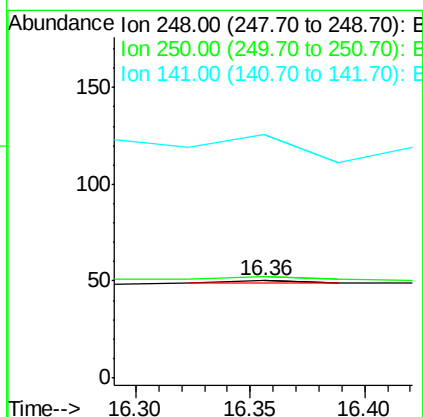
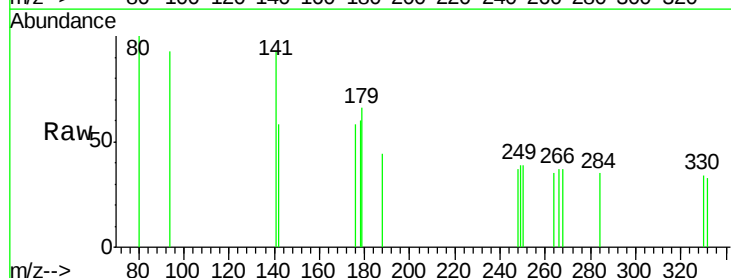
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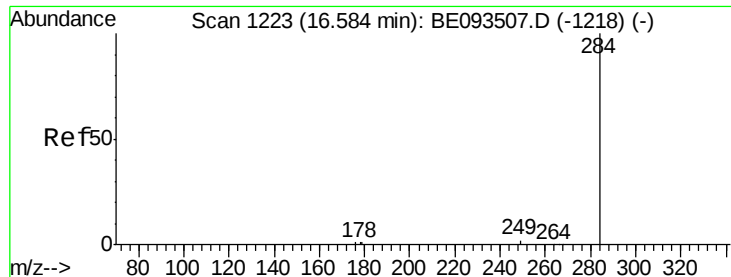
Tgt Ion:188 Resp: 23427
Ion Ratio Lower Upper
188 100
94 13.3 11.3 16.9
80 13.5 11.7 17.5



#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.36 min Scan# 1216
Delta R.T. -0.10 min
Lab File: BE093679.D
Acq: 5 Aug 2017 17:37

Tgt Ion:248 Resp: 2
Ion Ratio Lower Upper
248 100
250 104.0 128.0 192.0#
141 252.0 12.0 18.0#

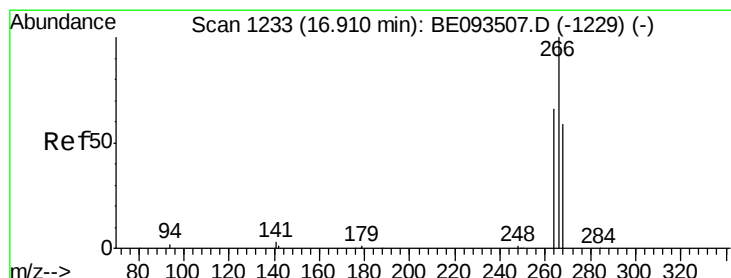
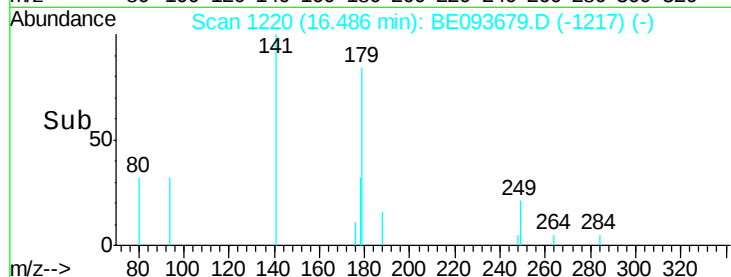
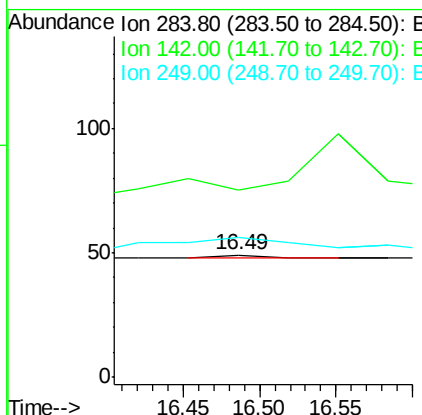
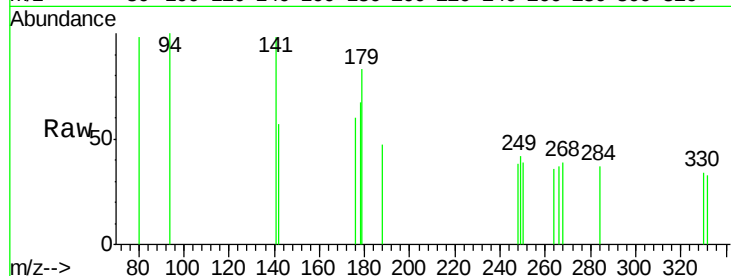




#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.49 min Scan# 1220
Delta R.T. -0.10 min
Lab File: BE093679.D
Acq: 5 Aug 2017 17:37

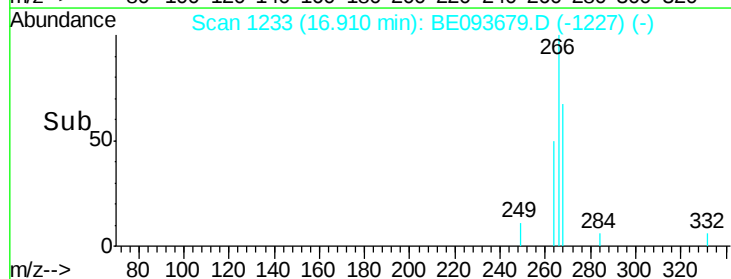
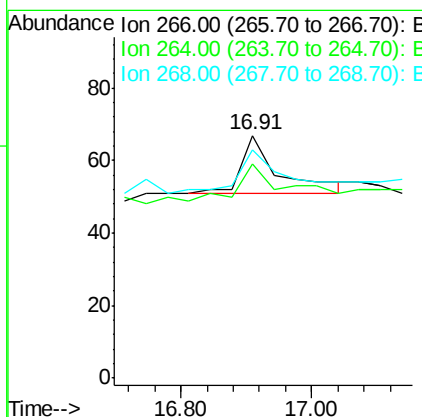
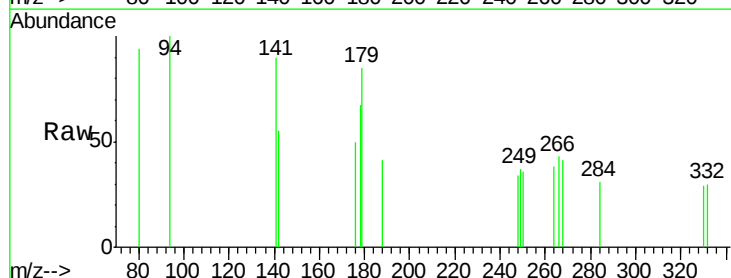
Instrument :
BNA_E
ClientSampleId :
LASB-12-2

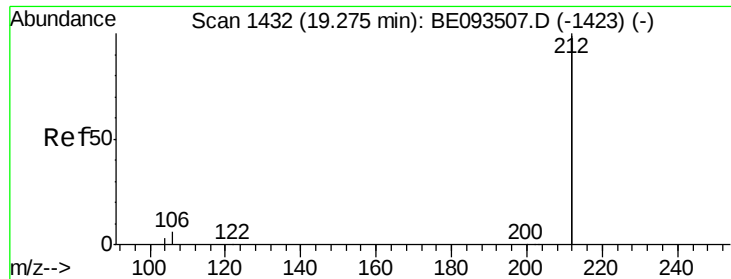
Tgt Ion: 284 Resp: 2
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0



#22
Pentachlorophenol
Concen: 0.165 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BE093679.D
Acq: 5 Aug 2017 17:37

Tgt Ion: 266 Resp: 65
Ion Ratio Lower Upper
266 100
264 88.1 56.0 84.0#
268 94.0 52.0 78.0#





#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

ClientSampleId :

LASB-12-2

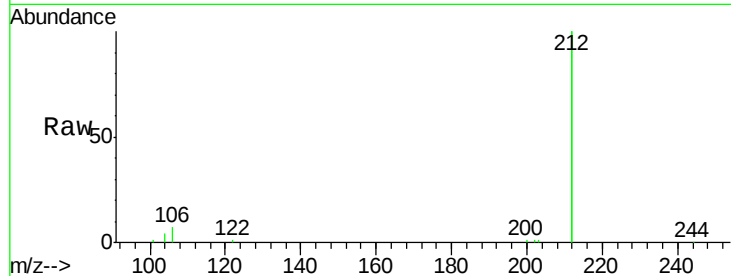
Tgt Ion:212 Resp: 46794

Ion Ratio Lower Upper

212 100

106 3.6 2.4 3.6

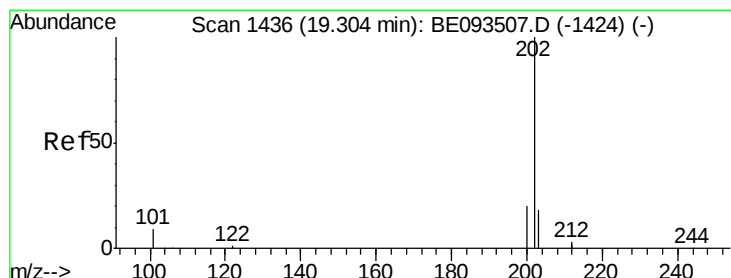
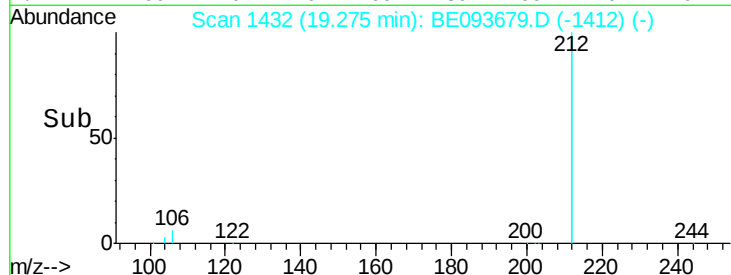
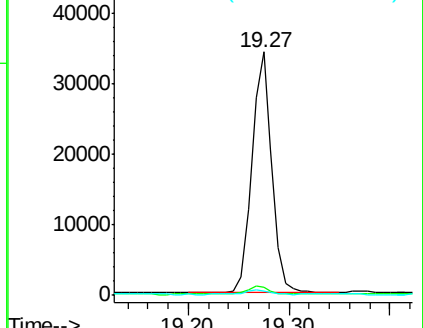
104 2.3 1.6 2.4



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: BE093679.D

Acq: 5 Aug 2017 17:37

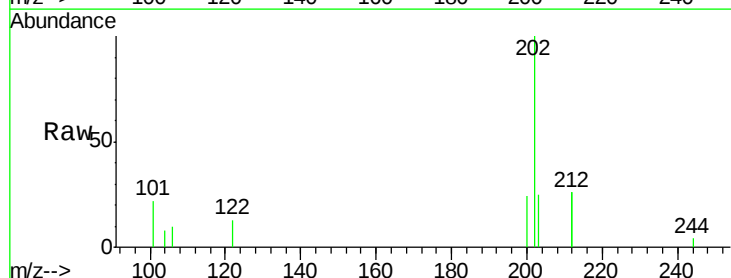
Tgt Ion:202 Resp: 2285

Ion Ratio Lower Upper

202 100

101 28.6 9.6 14.4#

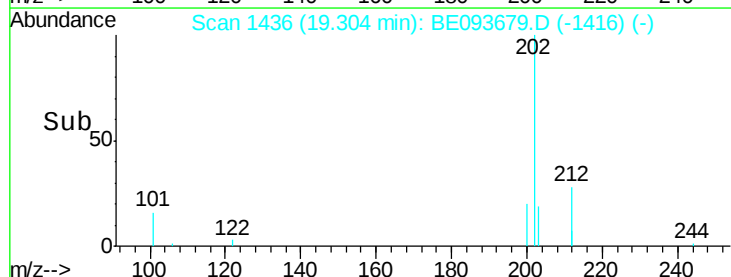
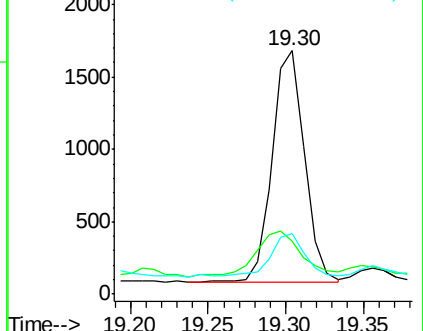
203 20.3 14.4 21.6

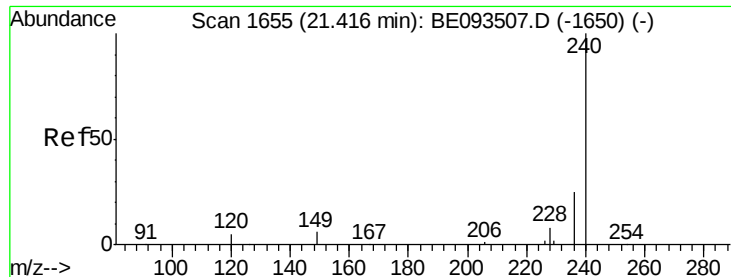


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE093679.D

Acq: 5 Aug 2017 17:37

Instrument :

BNA_E

ClientSampleId :

LASB-12-2

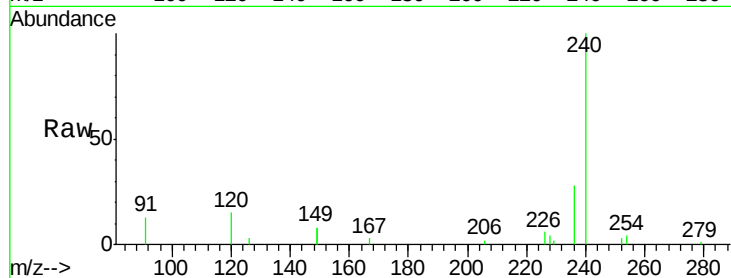
Tgt Ion:240 Resp: 23564

Ion Ratio Lower Upper

240 100

120 14.9 4.6 7.0#

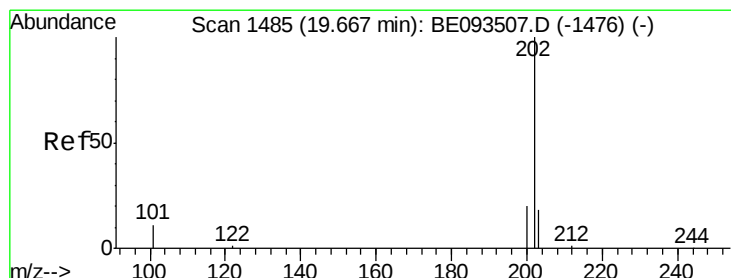
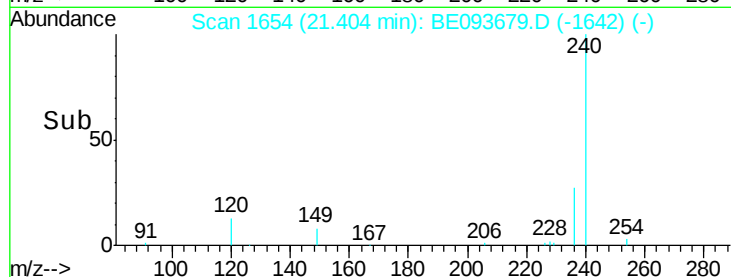
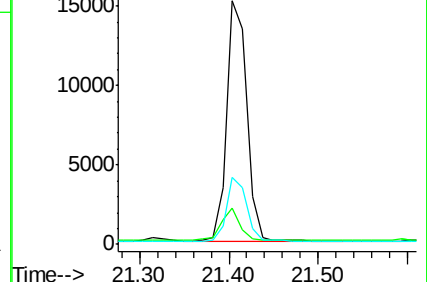
236 27.7 20.8 31.2



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

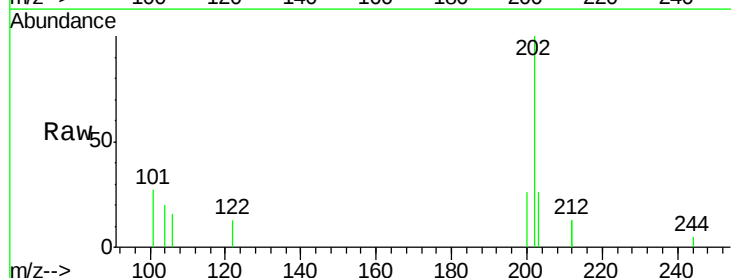
Tgt Ion:202 Resp: 2075

Ion Ratio Lower Upper

202 100

200 26.3 0.0 0.0#

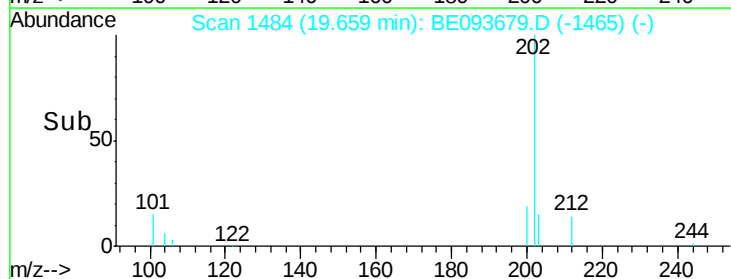
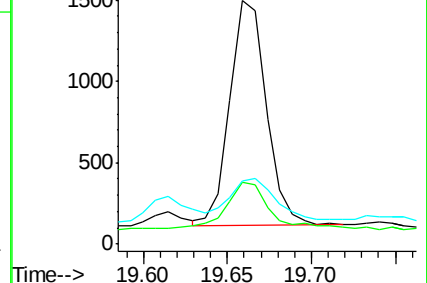
203 23.9 13.7 20.5#

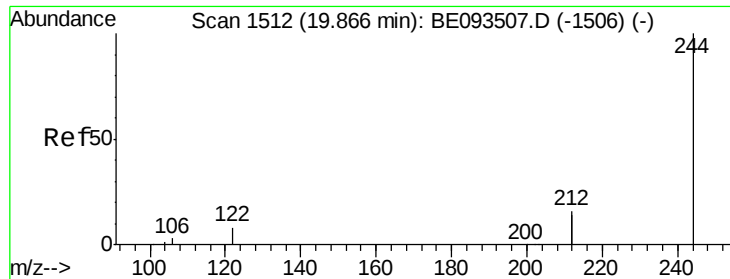


Abundance Ion 202.00 (201.70 to 202.70): E

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

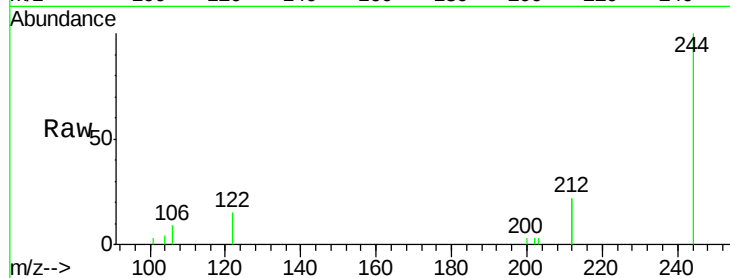
Tgt Ion:244 Resp: 7687

Ion Ratio Lower Upper

244 100

212 43.2 10.6 16.0#

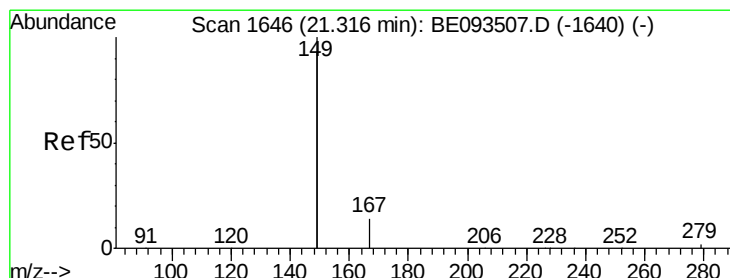
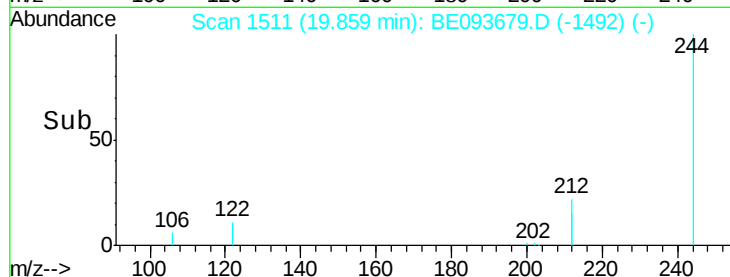
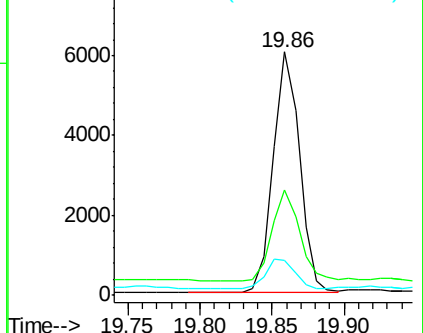
122 14.5 15.4 23.0#



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

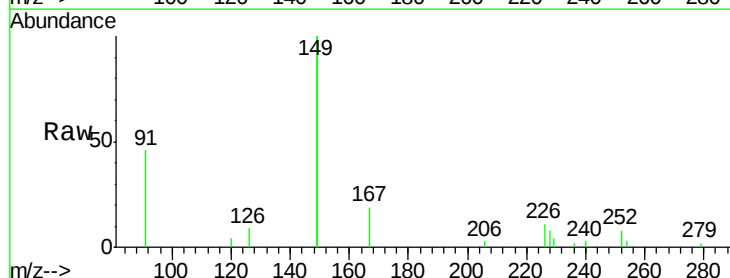
Tgt Ion:149 Resp: 18471

Ion Ratio Lower Upper

149 100

167 9.7 4.8 7.2#

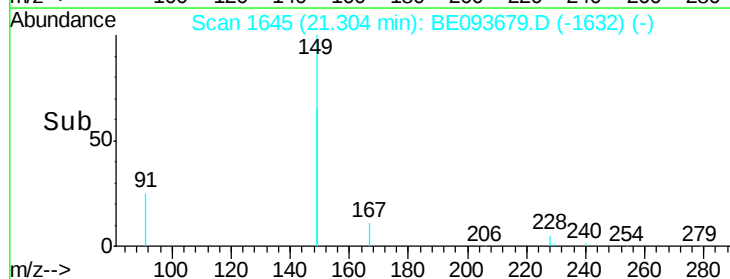
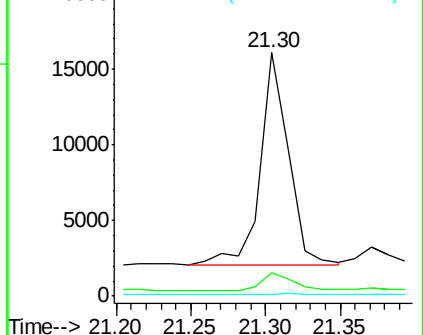
279 1.3 0.8 1.2#

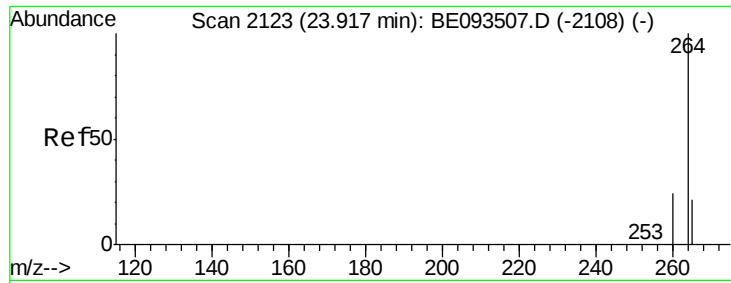


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

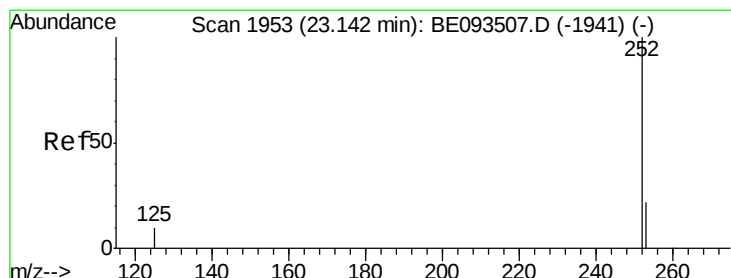
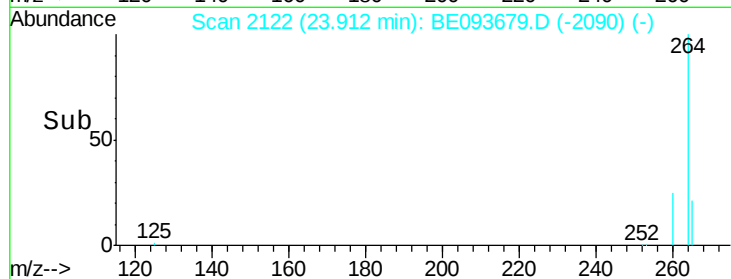
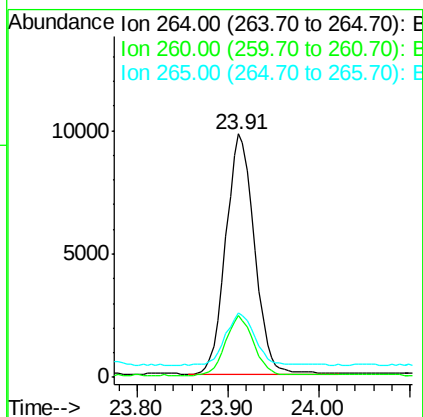
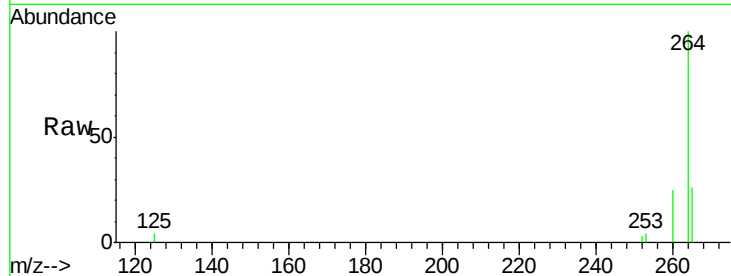




#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BE093679.D
 Acq: 5 Aug 2017 17:37

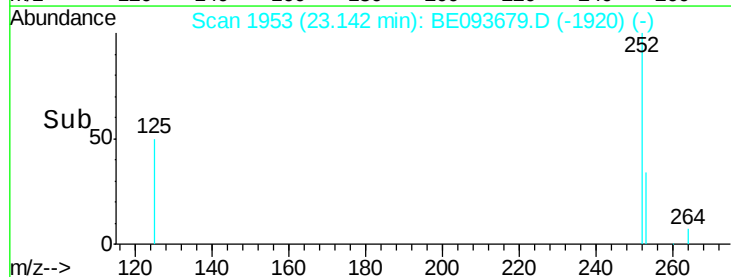
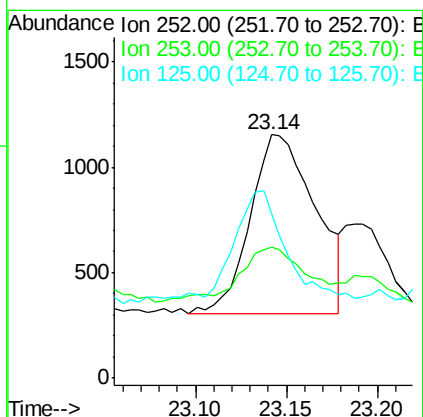
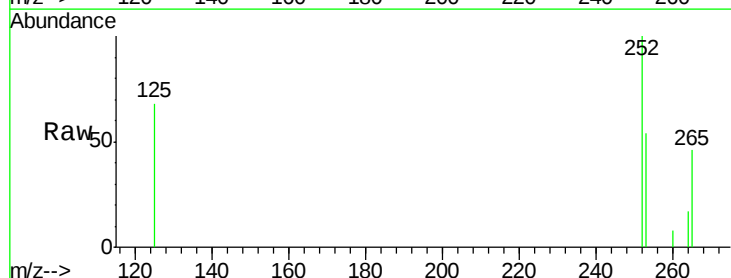
Instrument :
 BNA_E
 ClientSampleId :
 LASB-12-2

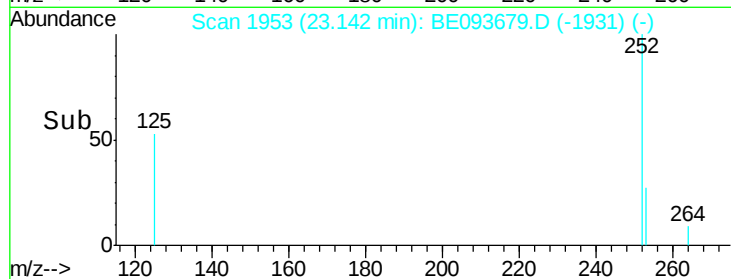
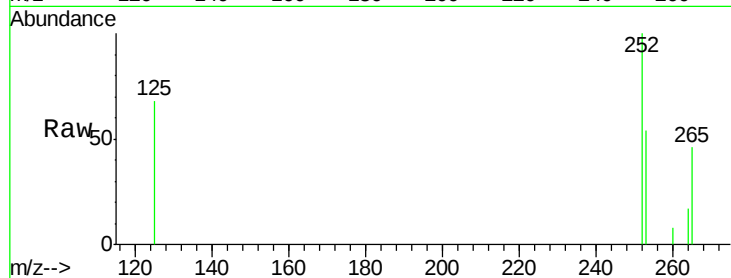
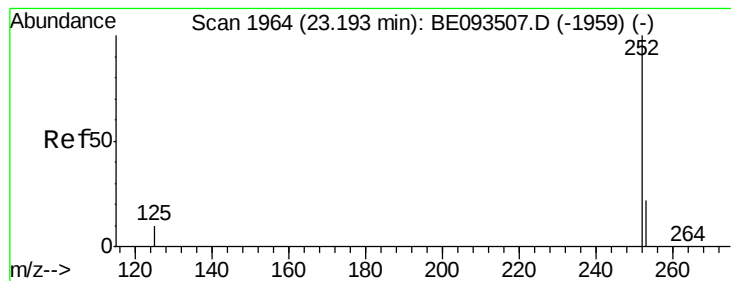
Tgt Ion: 264 Resp: 21211
 Ion Ratio Lower Upper
 264 100
 260 25.3 21.0 31.4
 265 26.3 24.6 36.8



#35
Benzo(b)fluoranthene
 Concen: 0.028 ng
 RT: 23.14 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BE093679.D
 Acq: 5 Aug 2017 17:37

Tgt Ion: 252 Resp: 2127
 Ion Ratio Lower Upper
 252 100
 253 53.9 18.5 27.7#
 125 67.6 13.4 20.0#





#36

Benzo(k)fluoranthene

Concen: 0.027 ng

RT: 23.14 min Scan# 1953

Delta R.T. -0.05 min

Lab File: BE093679.D

Acq: 5 Aug 2017 17:37

Instrument :

BNA_E

ClientSampleId :

LASB-12-2

Tgt Ion: 252 Resp: 2127

Ion Ratio Lower Upper

252 100

253 53.9 20.3 30.5#

125 67.6 12.2 18.4#

