

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 02:44:10 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

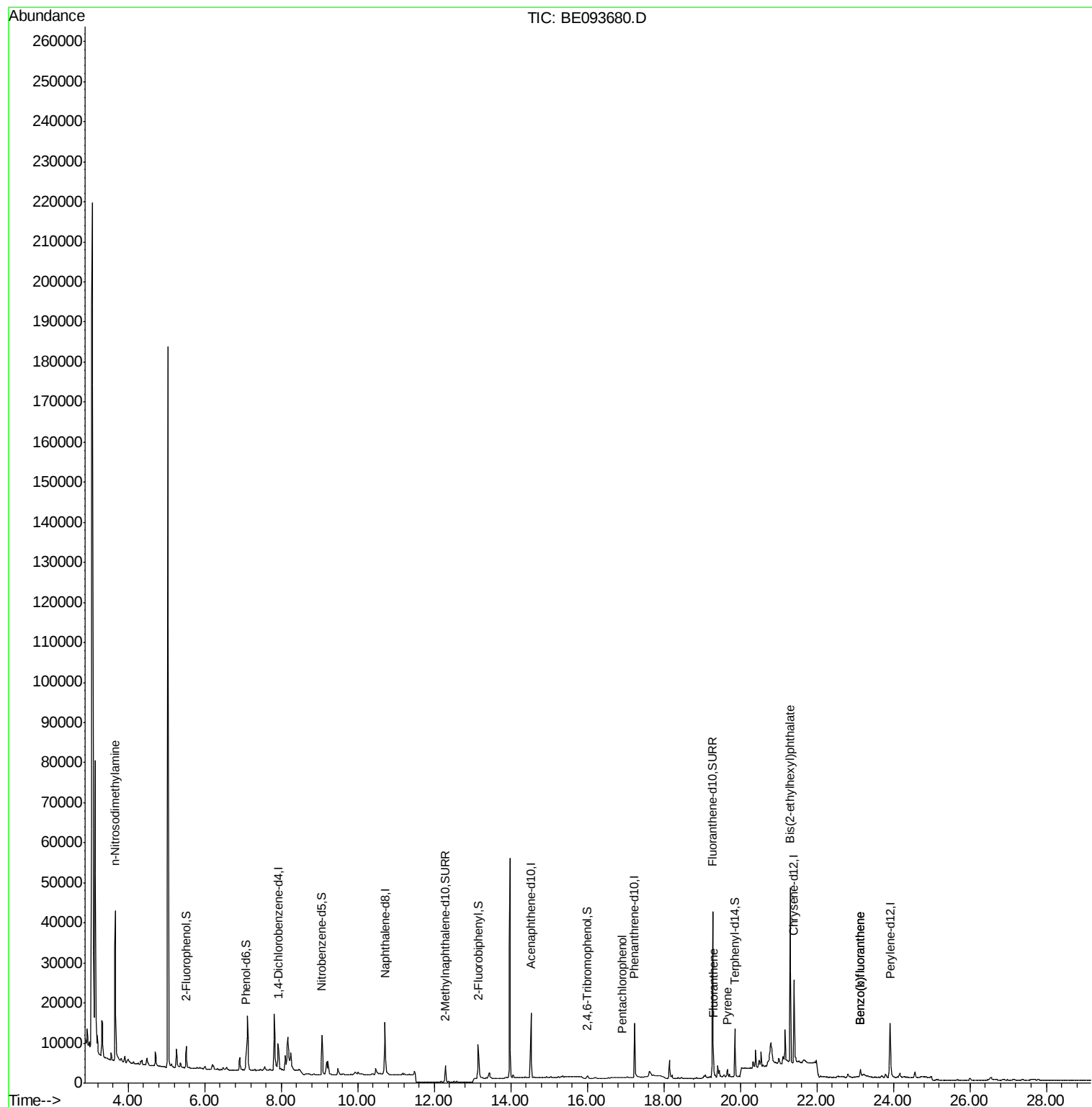
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.66	42	7109	1.521	ng	# 1
20) 4-Bromophenyl-phenylether	16.42	248	14	Below Cal		# 14
21) Hexachlorobenzene	16.49	284	6	Below Cal		# 100
22) Pentachlorophenol	16.91	266	31	0.158	ng	# 60
26) Fluoranthene	19.30	202	2143	0.028	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
35) Benzo(b)fluoranthene	23.15	252	1783	0.025	ng	# 1
36) Benzo(k)fluoranthene	23.15	252	1783	0.024	ng	# 1

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

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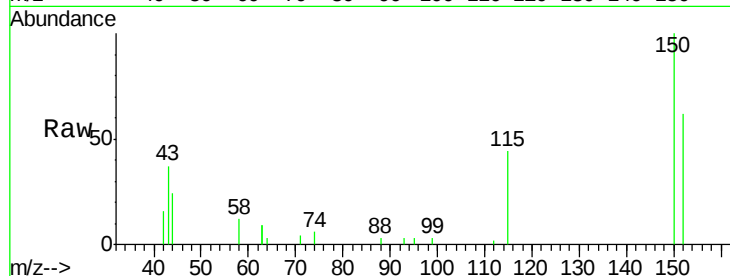


#1

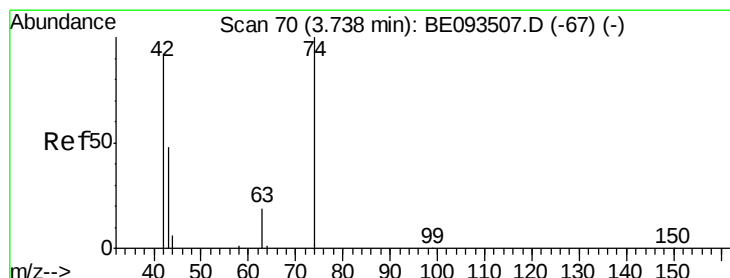
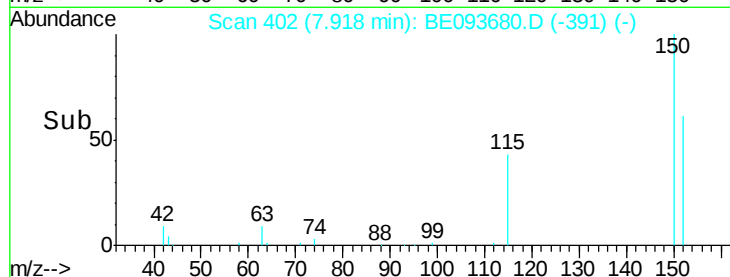
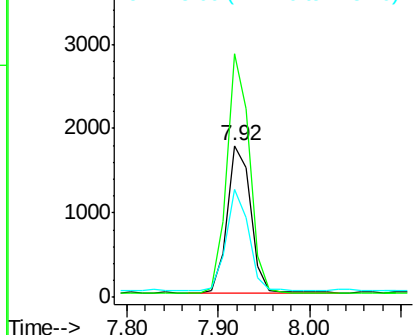
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.01 min
Lab File: BE093680.D
Acq: 5 Aug 2017 18:16

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



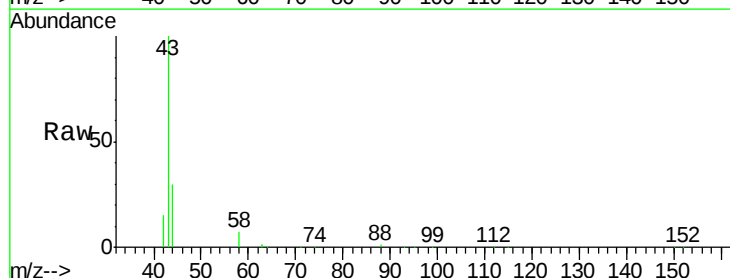
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



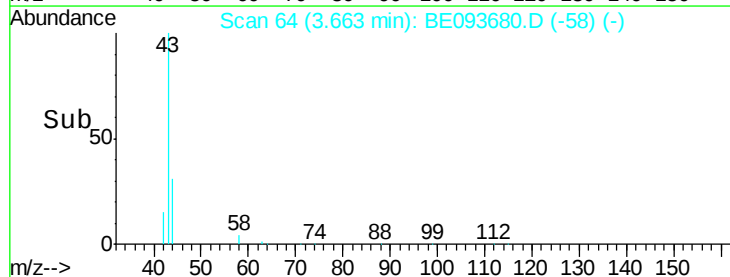
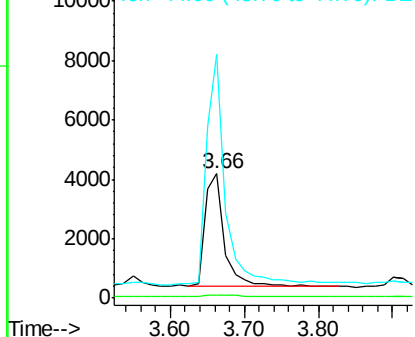
#3

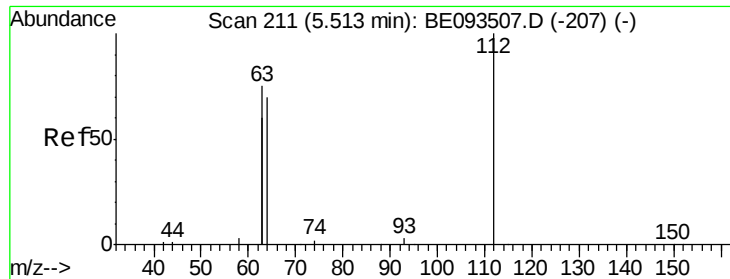
n-Nitrosodimethylamine
Concen: 1.521 ng
RT: 3.66 min Scan# 64
Delta R.T. -0.07 min
Lab File: BE093680.D
Acq: 5 Aug 2017 18:16

Tgt Ion: 42 Resp: 7109
Ion Ratio Lower Upper
42 100
74 1.3 99.1 148.7#
44 192.2 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: 0.317 ng

RT: 5.51 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093680.D

Acq: 5 Aug 2017 18:16

Instrument :

BNA_E

ClientSampleId :

LASB-13A-1

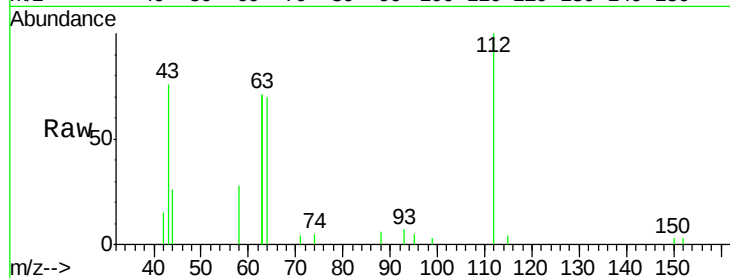
Tgt Ion: 112 Resp: 2911

Ion Ratio Lower Upper

112 100

64 70.5 56.4 84.6

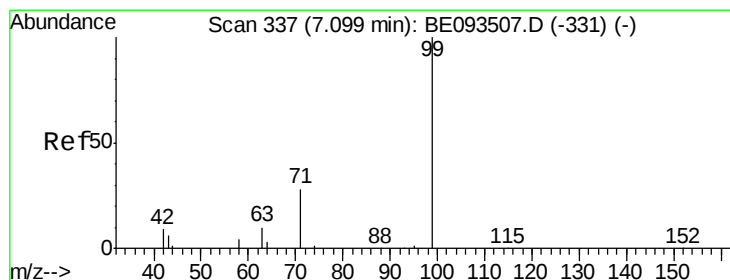
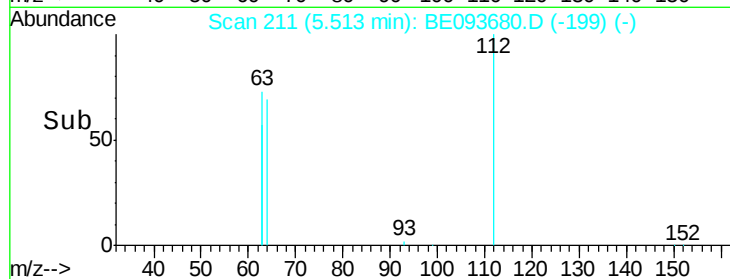
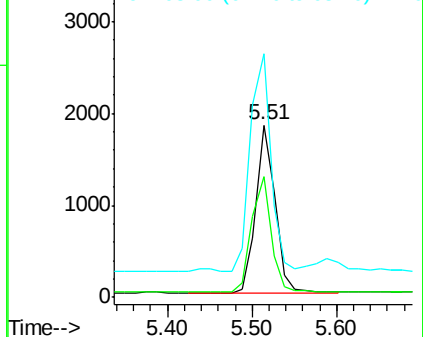
63 136.5 29.3 43.9#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#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

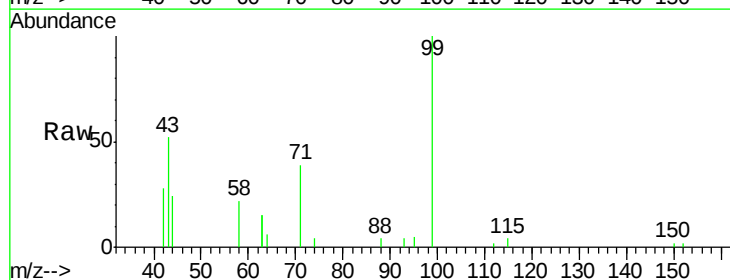
Tgt Ion: 99 Resp: 4412

Ion Ratio Lower Upper

99 100

42 33.3 0.0 0.0#

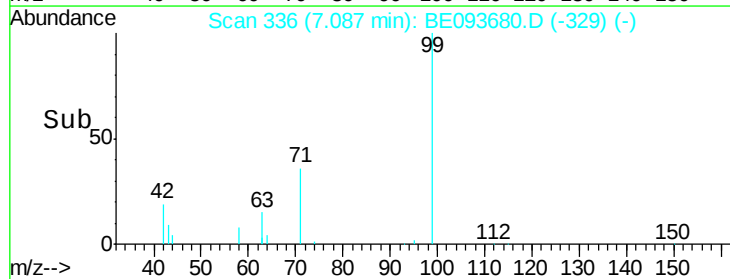
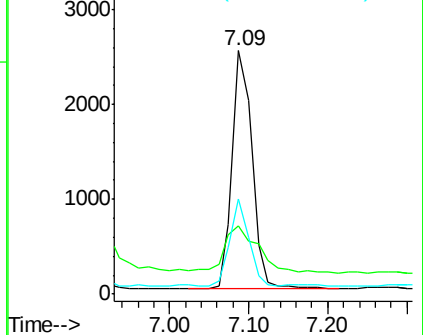
71 35.3 0.0 0.0#

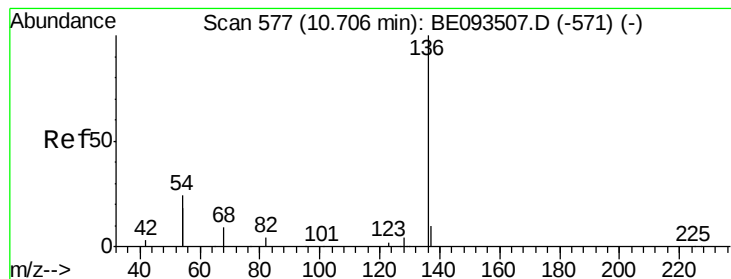


Abundance Ion 99.00 (98.70 to 99.70): BE0

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

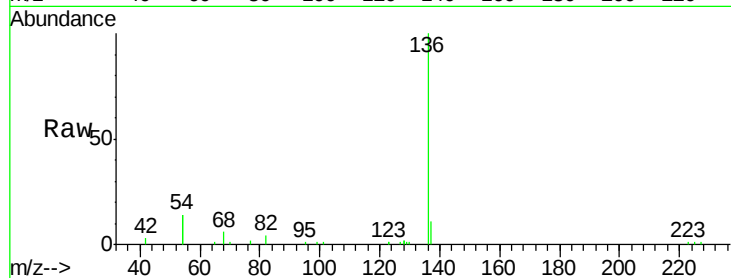
Instrument :

BNA_E

ClientSampleId :

LASB-13A-1

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#

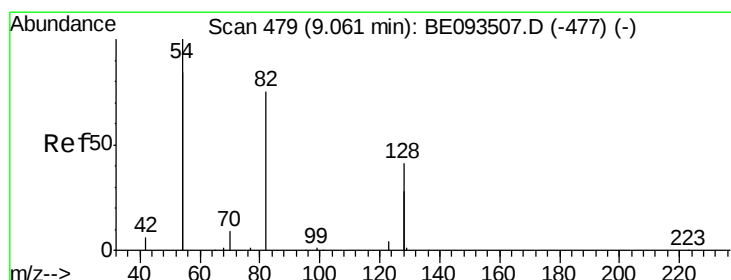
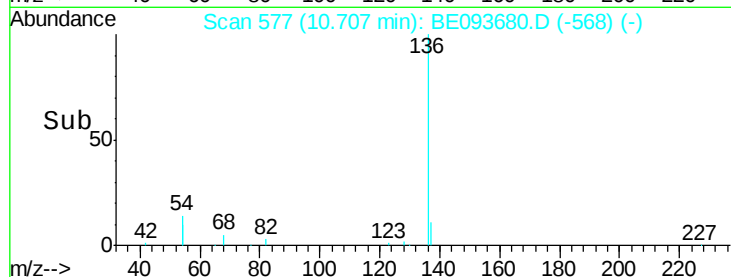
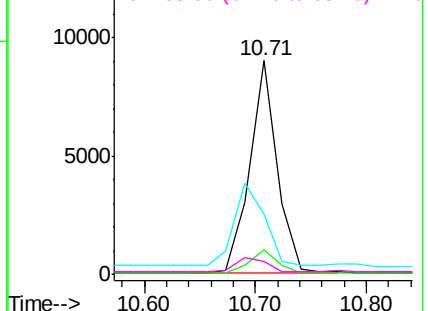


Abundance Ion 136.00 (135.70 to 136.70): E

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

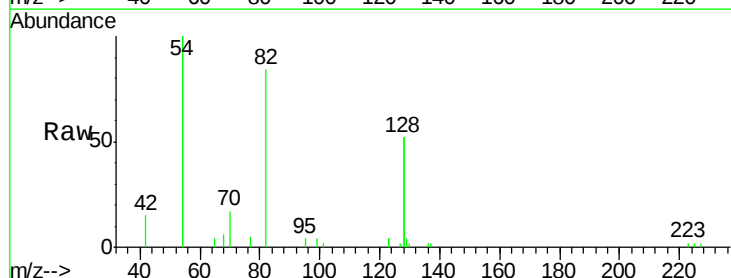
RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093680.D

Acq: 5 Aug 2017 18:16

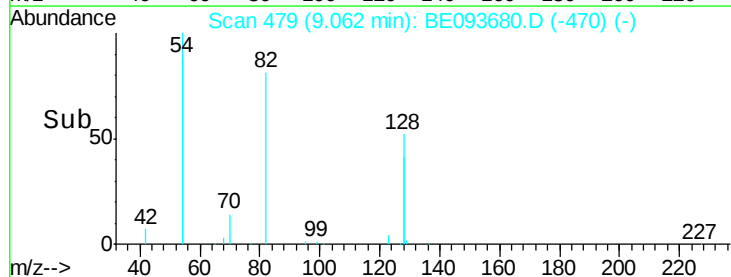
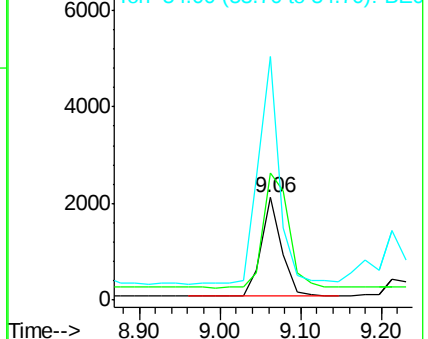
Tgt Ion:	82	Resp:	3624
Ion Ratio	Lower	Upper	
82	100		
128	124.4	17.0	25.4#
54	238.1	53.8	80.6#

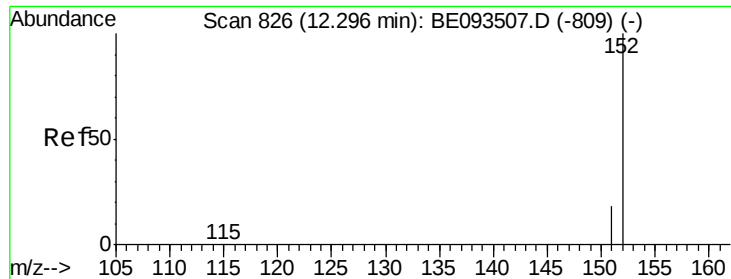


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

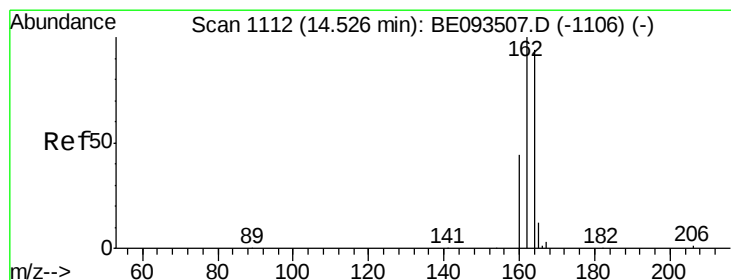
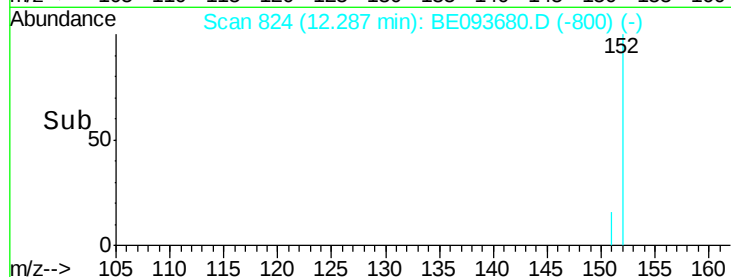
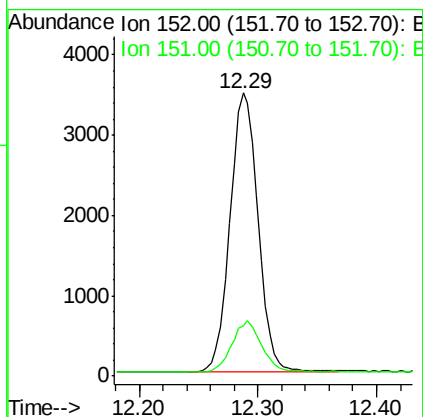
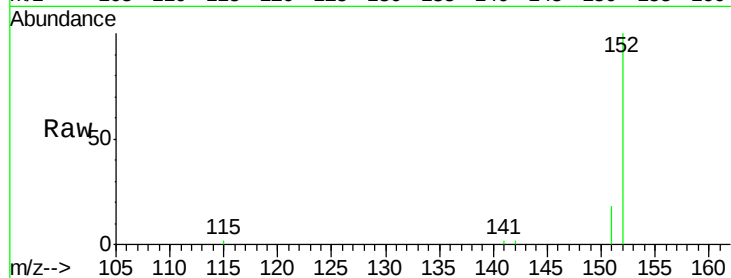




#11
 2-Methylnaphthalene-d10
 Concen: 0.235 ng
 RT: 12.29 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BE093680.D
 Acq: 5 Aug 2017 18:16

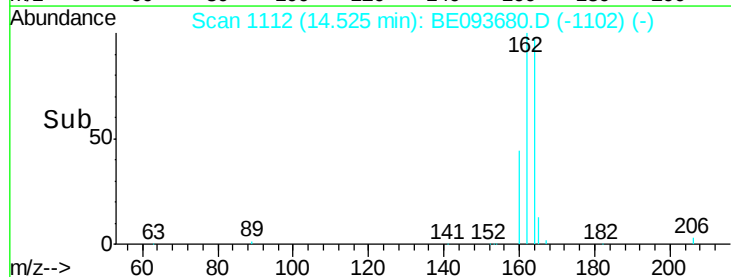
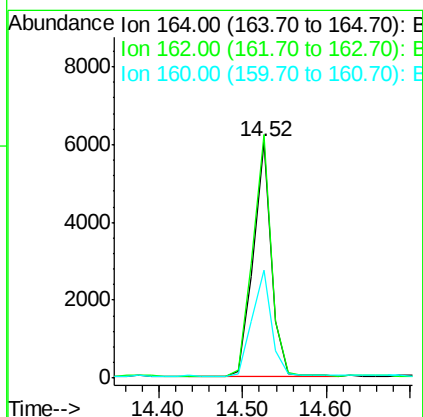
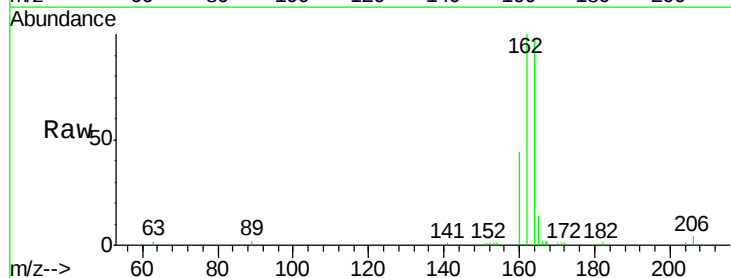
Instrument :
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 LASB-13A-1

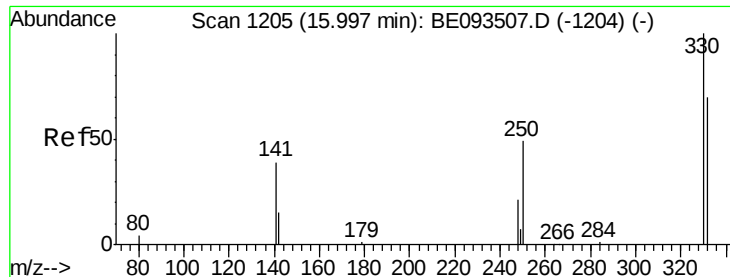
Tgt Ion:152 Resp: 5708
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.1 22.7



#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

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

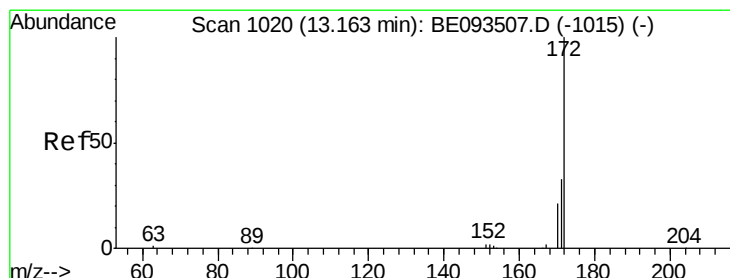
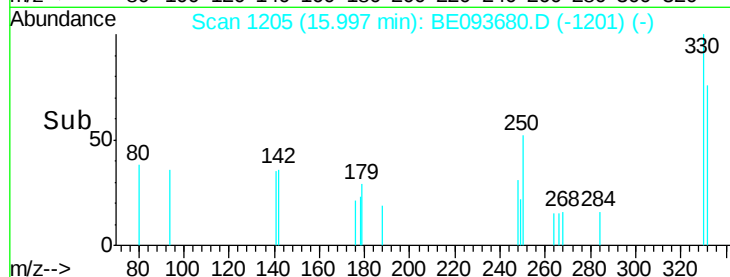
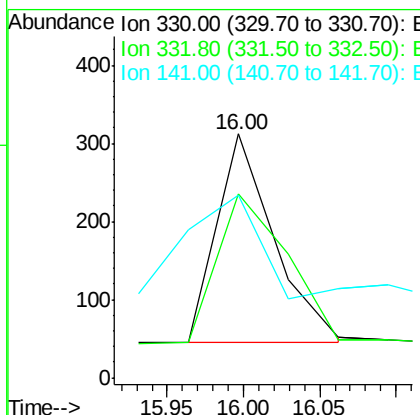
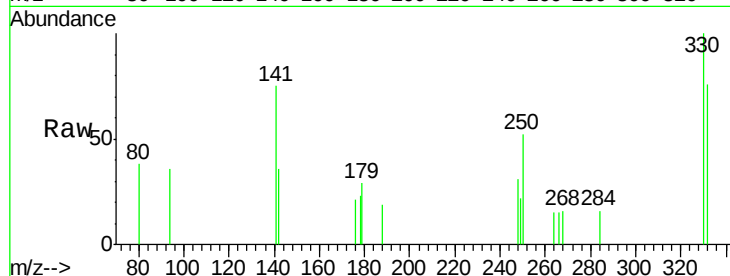




#14
 2,4,6-Tribromophenol
 Concen: 0.363 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BE093680.D
 Acq: 5 Aug 2017 18:16

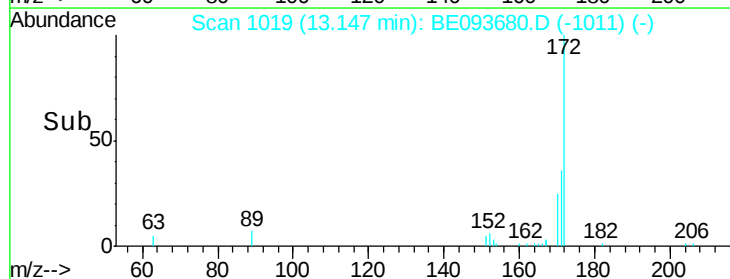
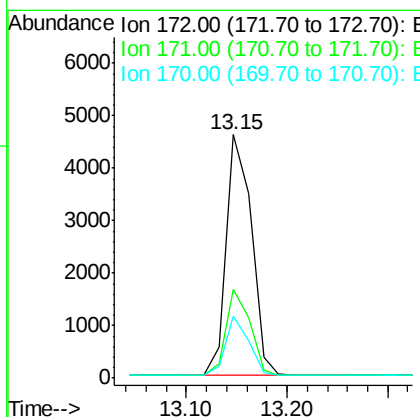
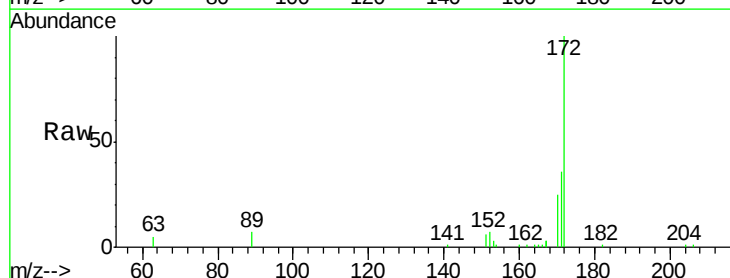
Instrument :
 BNA_E
 ClientSampleId :
 LASB-13A-1

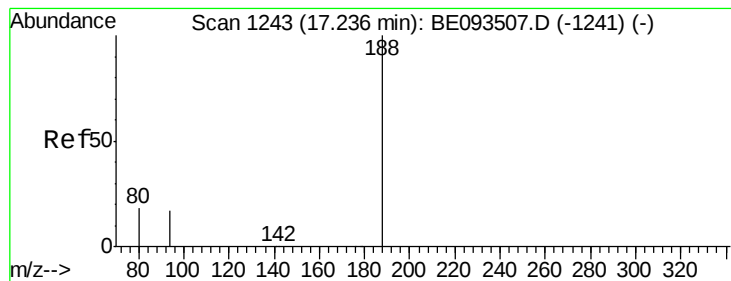
Tgt Ion: 330 Resp: 692
 Ion Ratio Lower Upper
 330 100
 332 88.2 77.7 116.5
 141 62.4 56.2 84.4



#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

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





#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

Instrument :

BNA_E

ClientSampleId :

LASB-13A-1

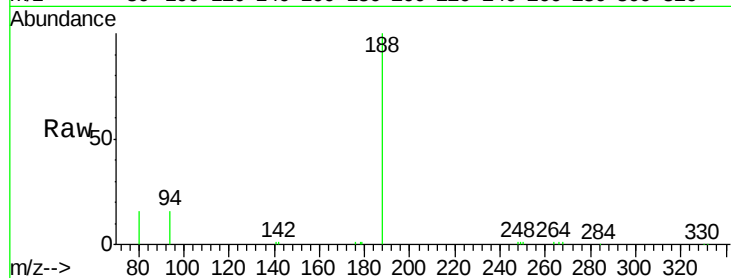
Tgt Ion:188 Resp: 21741

Ion Ratio Lower Upper

188 100

94 15.5 11.3 16.9

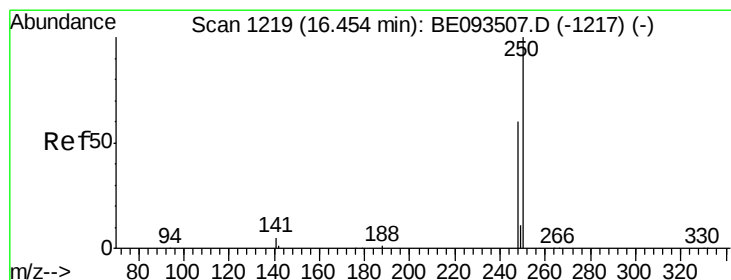
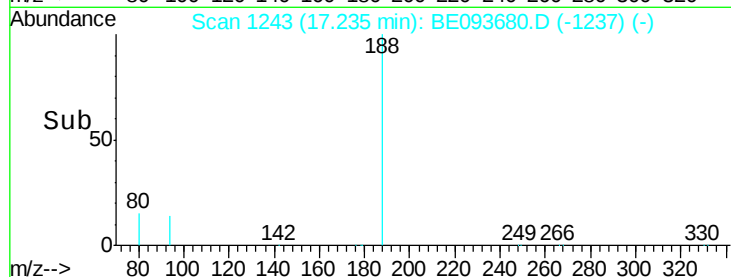
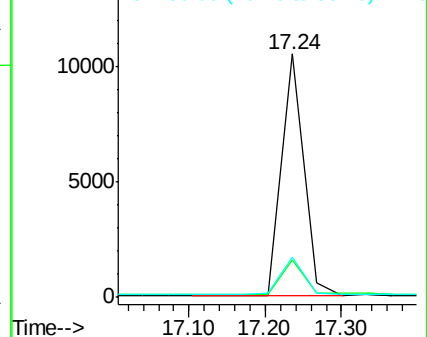
80 16.2 11.7 17.5



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



#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.42 min Scan# 1218

Delta R.T. -0.03 min

Lab File: BE093680.D

Acq: 5 Aug 2017 18:16

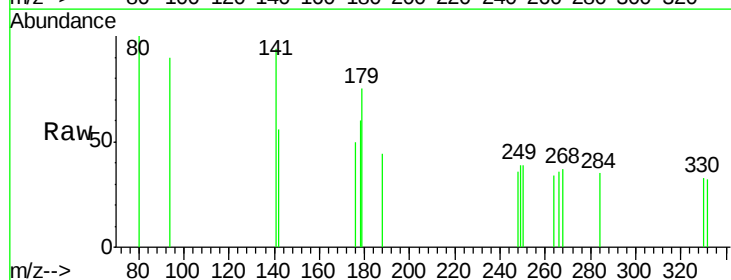
Tgt Ion:248 Resp: 14

Ion Ratio Lower Upper

248 100

250 107.8 128.0 192.0#

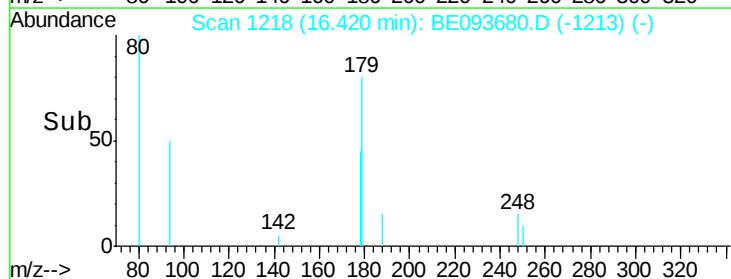
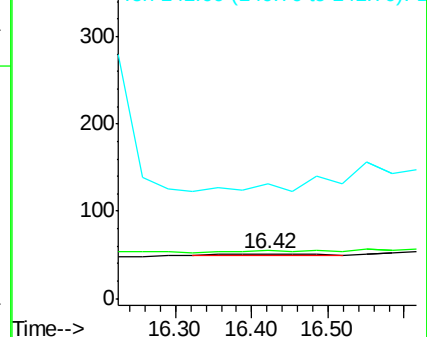
141 258.8 12.0 18.0#

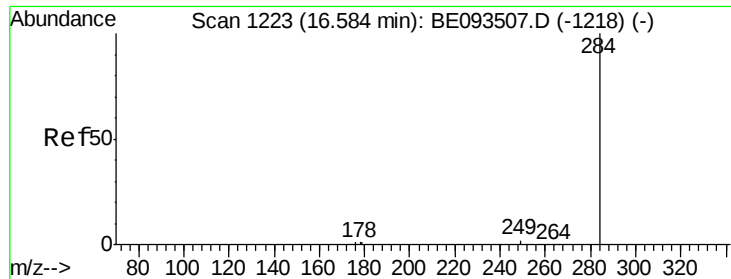


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

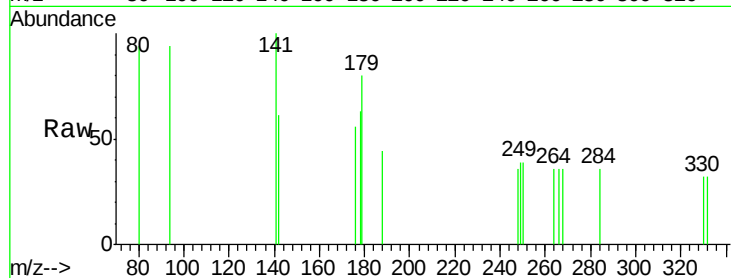




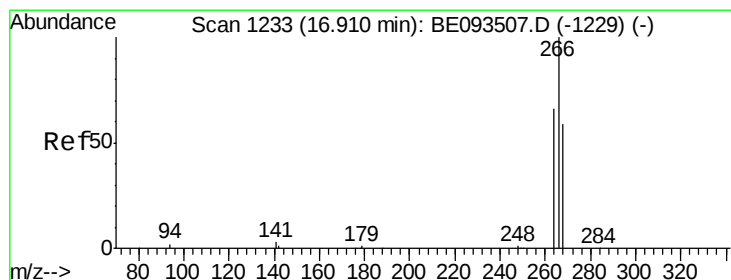
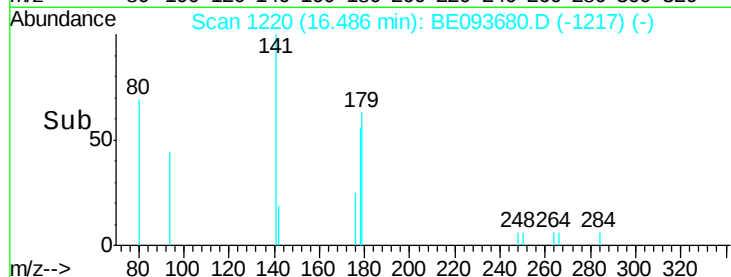
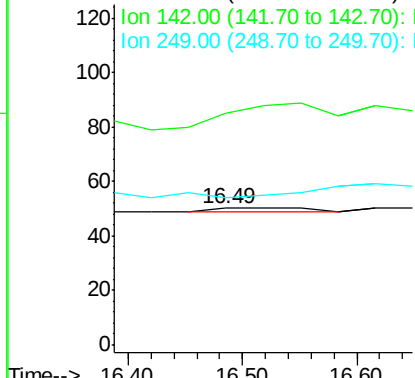
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.49 min Scan# 1220
Delta R.T. -0.10 min
Lab File: BE093680.D
Acq: 5 Aug 2017 18:16

Instrument :
BNA_E
ClientSampleId :
LASB-13A-1

Tgt Ion: 284 Resp: 6
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0

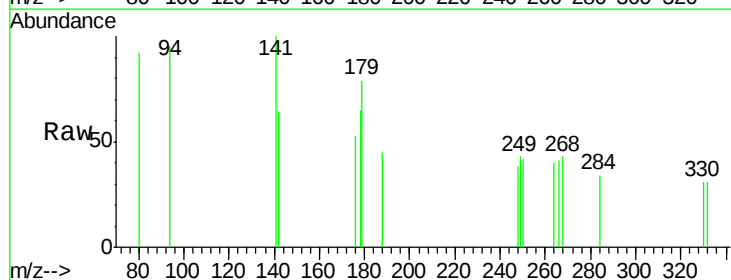


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

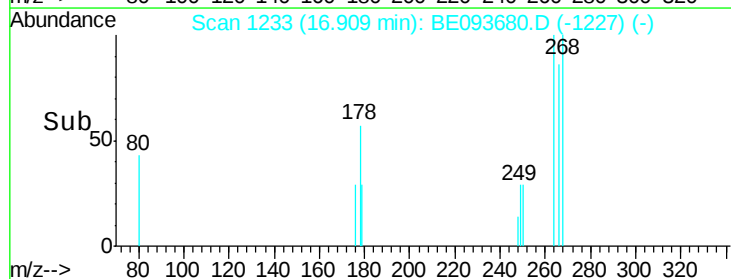
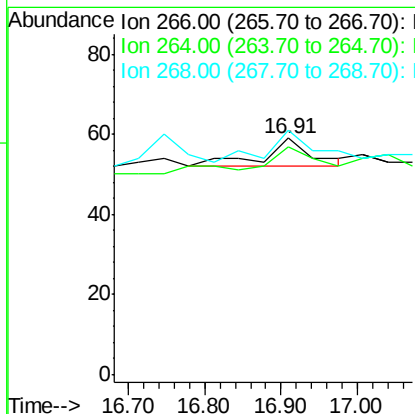


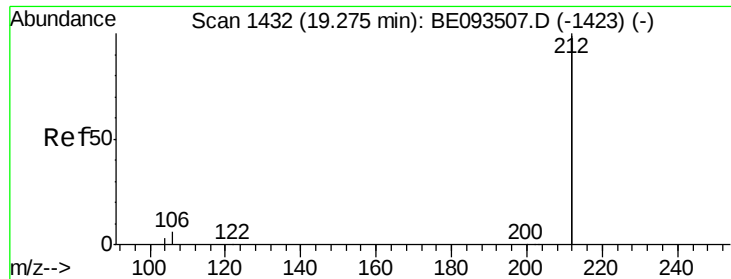
#22
Pentachlorophenol
Concen: 0.158 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BE093680.D
Acq: 5 Aug 2017 18:16

Tgt Ion: 266 Resp: 31
Ion Ratio Lower Upper
266 100
264 96.6 56.0 84.0#
268 103.4 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: 0.222 ng

RT: 19.28 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093680.D

Acq: 5 Aug 2017 18:16

Instrument :

BNA_E

ClientSampleId :

LASB-13A-1

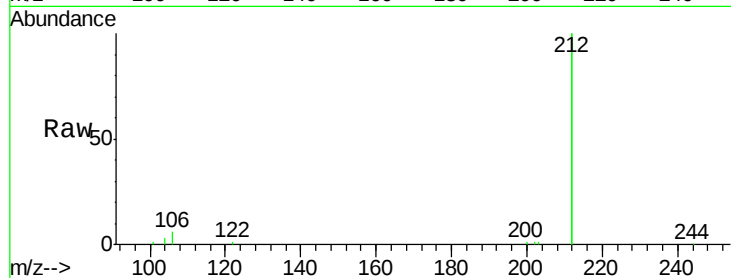
Tgt Ion:212 Resp: 54800

Ion Ratio Lower Upper

212 100

106 3.7 2.4 3.6#

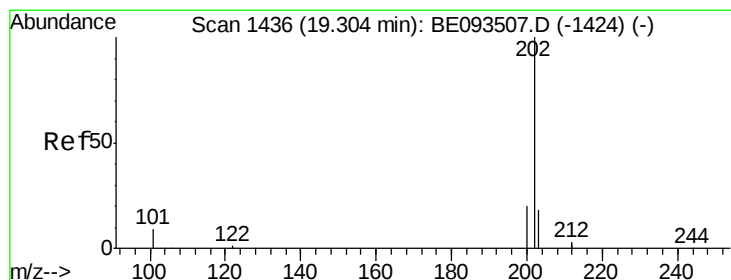
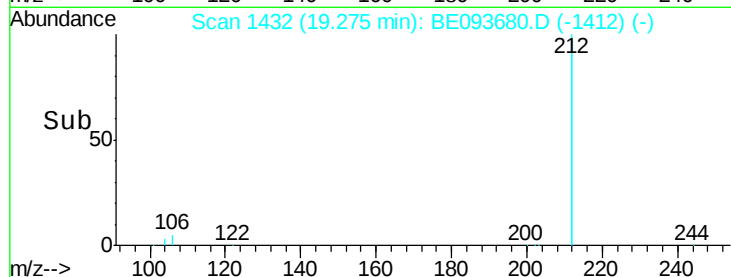
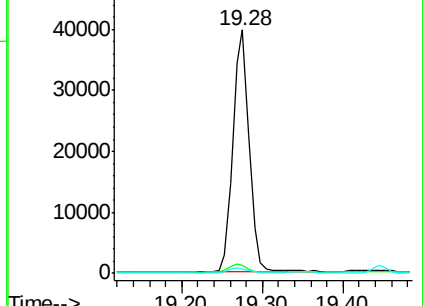
104 2.3 1.6 2.4



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

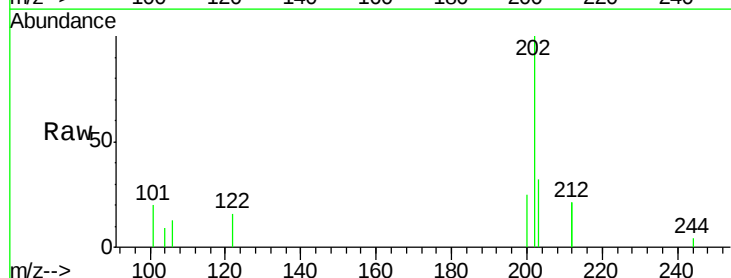
Tgt Ion:202 Resp: 2143

Ion Ratio Lower Upper

202 100

101 27.9 9.6 14.4#

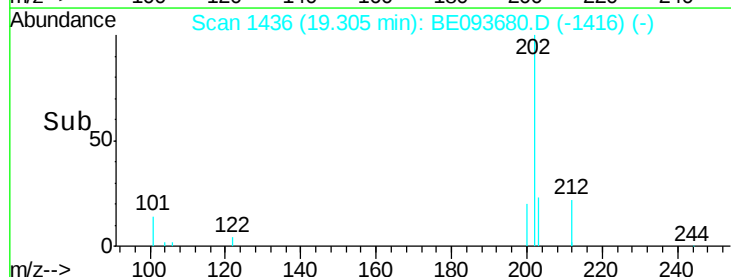
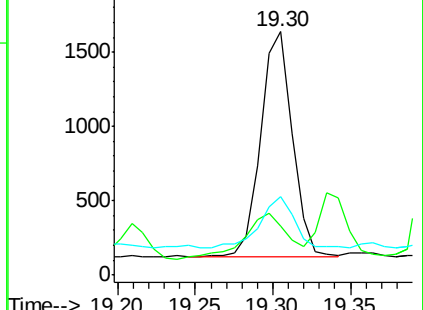
203 24.3 14.4 21.6#

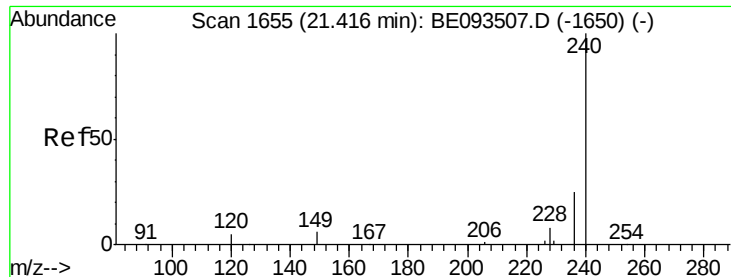


Abundance Ion 202.00 (201.70 to 202.70): E

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

Instrument :

BNA_E

ClientSampleId :

LASB-13A-1

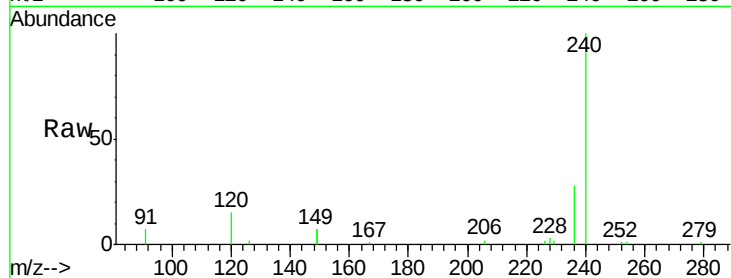
Tgt Ion:240 Resp: 22761

Ion Ratio Lower Upper

240 100

120 15.2 4.6 7.0#

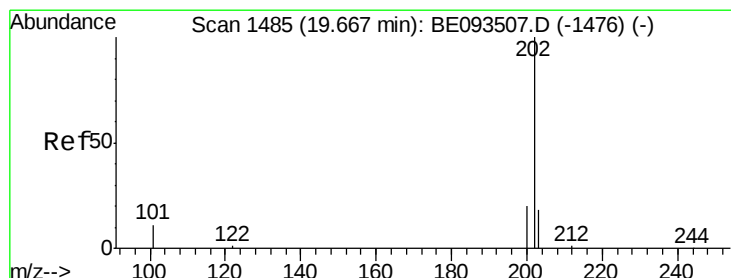
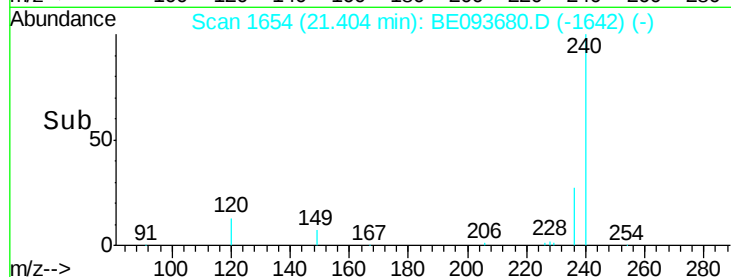
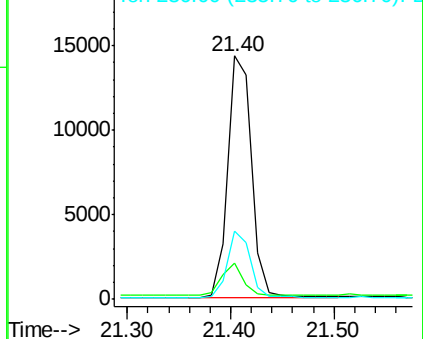
236 27.8 20.8 31.2



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: BE093680.D

Acq: 5 Aug 2017 18:16

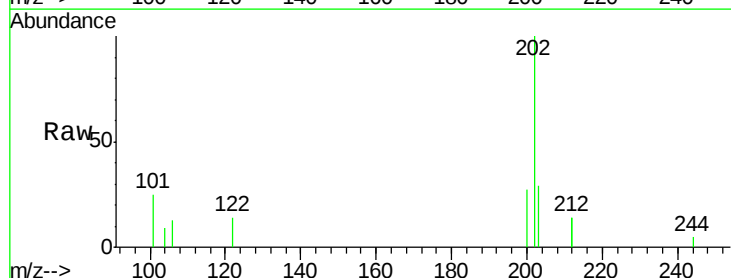
Tgt Ion:202 Resp: 1952

Ion Ratio Lower Upper

202 100

200 24.4 0.0 0.0#

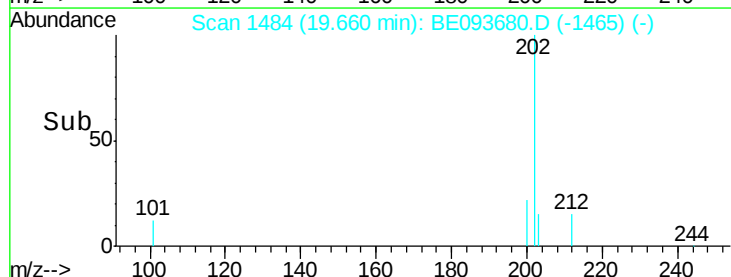
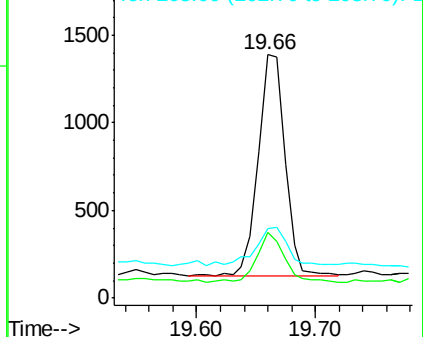
203 20.2 13.7 20.5

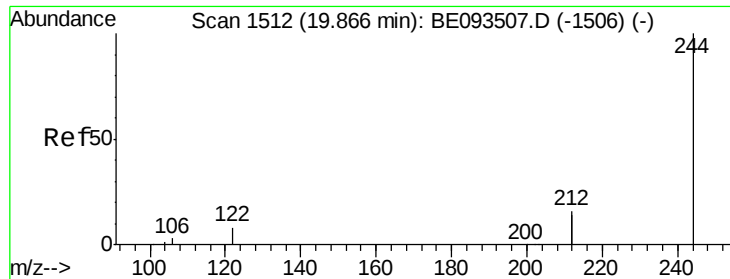


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.231 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

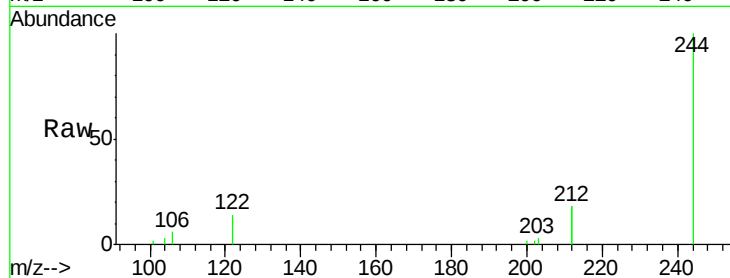
Tgt Ion:244 Resp: 9430

Ion Ratio Lower Upper

244 100

212 36.9 10.6 16.0#

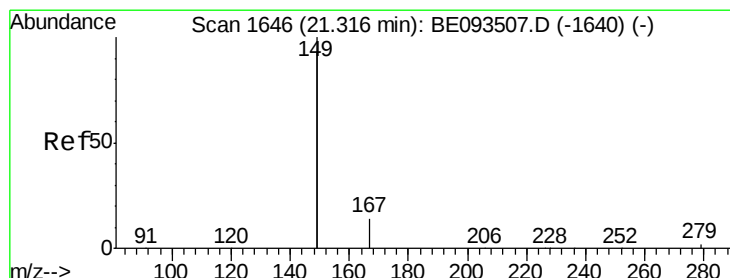
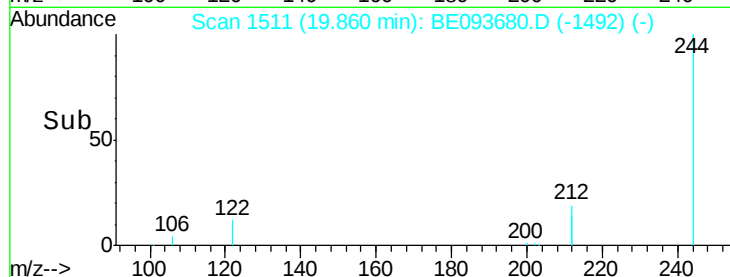
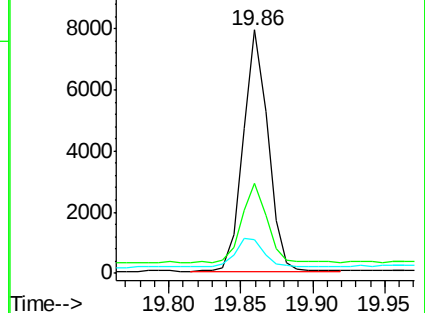
122 14.0 15.4 23.0#



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: 0.536 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BE093680.D

Acq: 5 Aug 2017 18:16

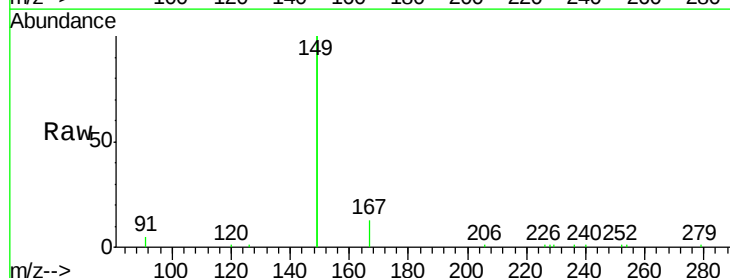
Tgt Ion:149 Resp: 48907

Ion Ratio Lower Upper

149 100

167 6.6 4.8 7.2

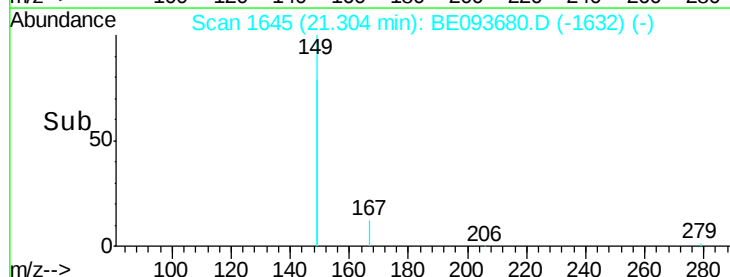
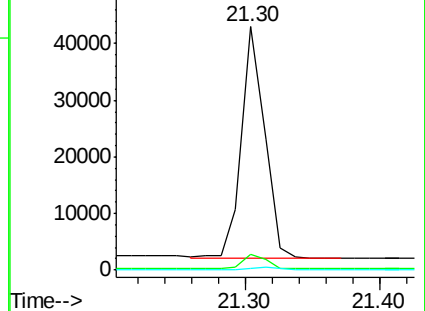
279 0.9 0.8 1.2

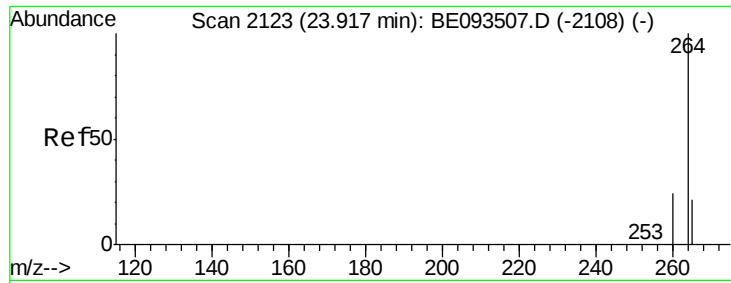


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

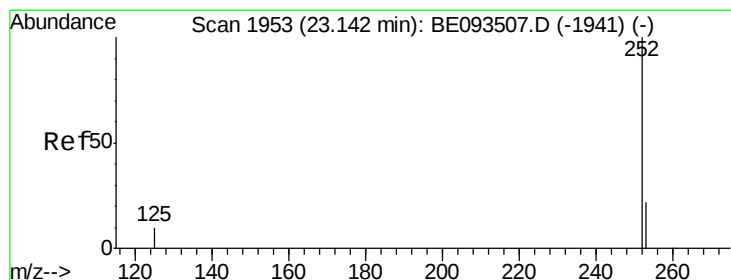
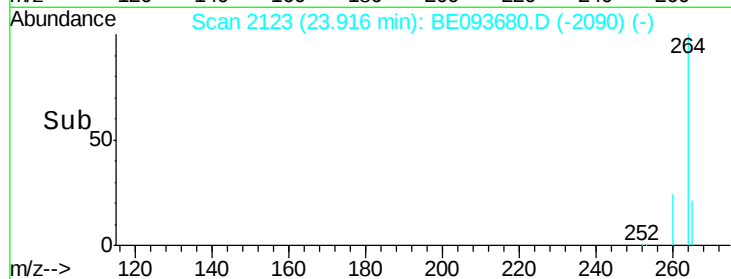
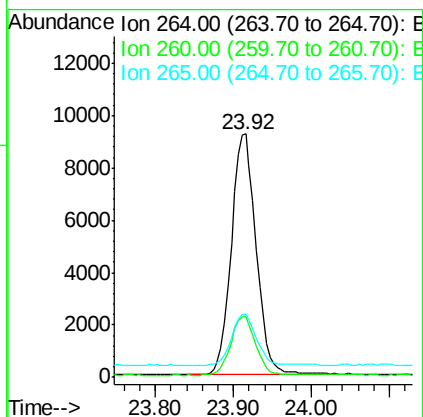
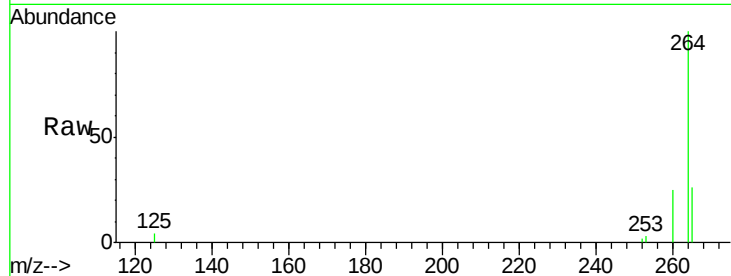




#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BE093680.D
 Acq: 5 Aug 2017 18:16

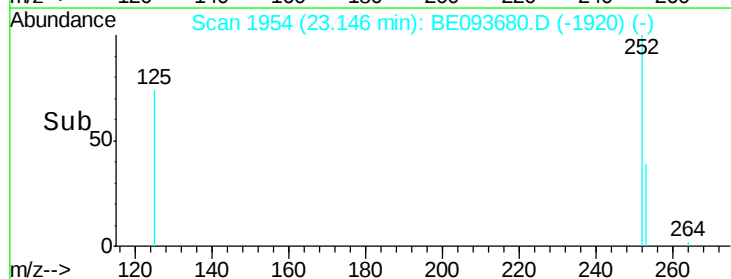
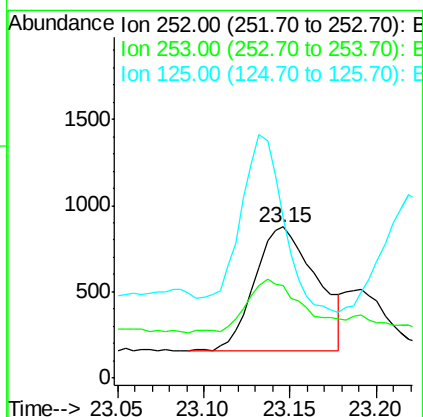
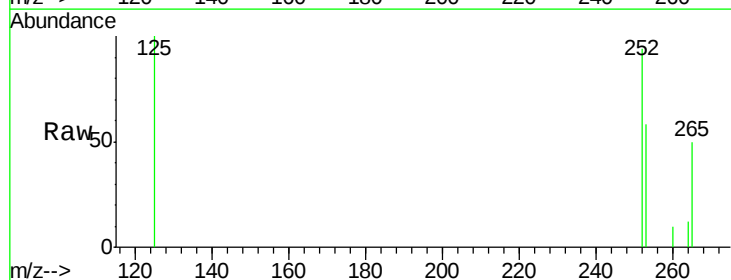
Instrument :
 BNA_E
 ClientSampleId :
 LASB-13A-1

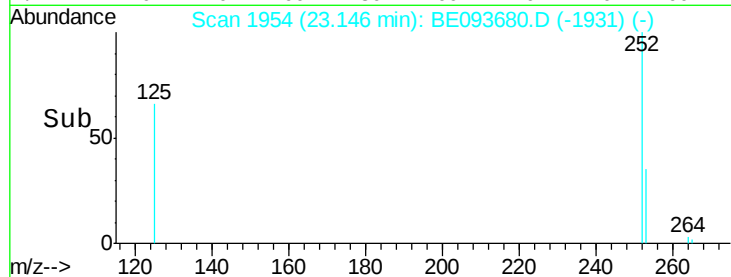
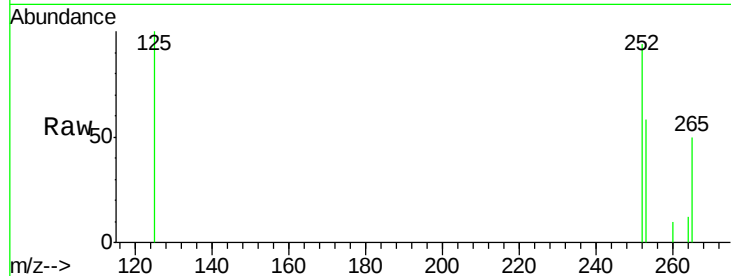
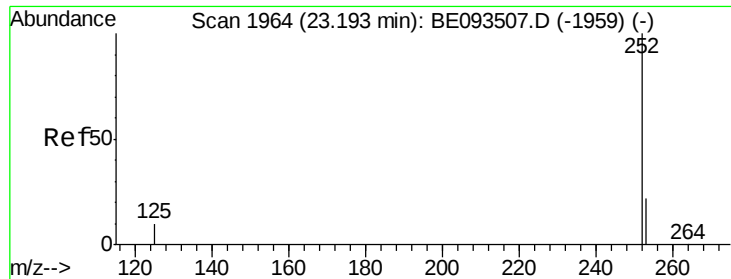
Tgt Ion: 264 Resp: 20363
 Ion Ratio Lower Upper
 264 100
 260 24.9 21.0 31.4
 265 26.0 24.6 36.8



#35
Benzo(b)fluoranthene
 Concen: 0.025 ng
 RT: 23.15 min Scan# 1954
 Delta R.T. 0.00 min
 Lab File: BE093680.D
 Acq: 5 Aug 2017 18:16

Tgt Ion: 252 Resp: 1783
 Ion Ratio Lower Upper
 252 100
 253 61.2 18.5 27.7#
 125 106.4 13.4 20.0#





#36

Benzo(k)fluoranthene

Concen: 0.024 ng

RT: 23.15 min Scan# 1954

Delta R.T. -0.05 min

Lab File: BE093680.D

Acq: 5 Aug 2017 18:16

Instrument :

BNA_E

ClientSampleId :

LASB-13A-1

Tgt Ion: 252 Resp: 1783

Ion Ratio Lower Upper

252 100

253 61.2 20.3 30.5#

125 106.4 12.2 18.4#

