

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010617\
 Data File : BE092631.D
 Acq On : 6 Jan 2017 14:23
 Operator : UM/SJ
 Sample : PB95799BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB95799BL

Quant Time: Jan 06 23:12:30 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 19 16:16:32 2016
 Response via : Initial Calibration

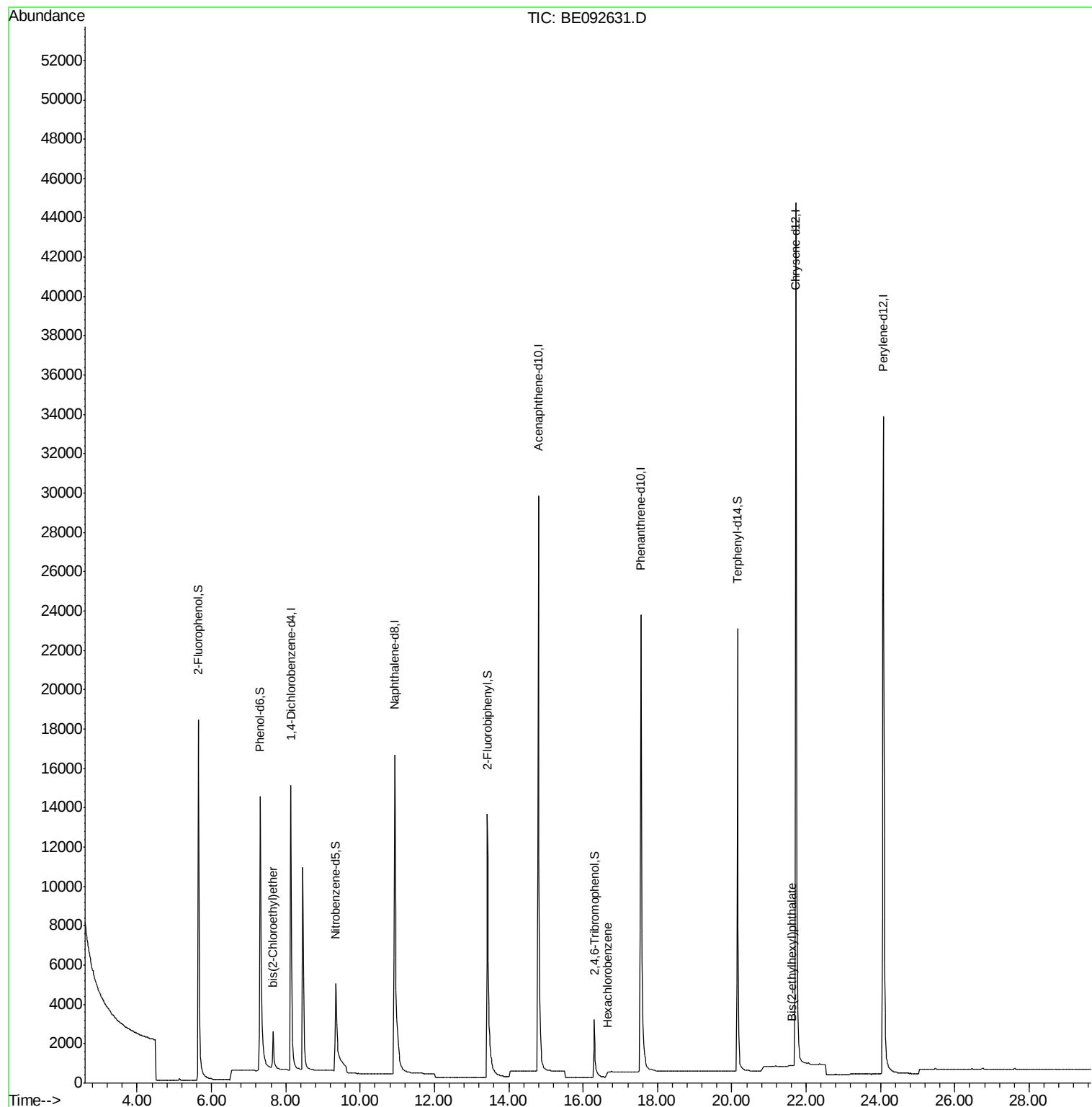
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9645	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	39503	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	24291	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	47955	5.00	ng	0.00
24) Chrysene-d12	21.72	240	61326	5.00	ng	0.00
31) Perylene-d12	24.08	264	57538	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	18345	9.79	ng	-0.04
5) Phenol-d6	7.31	99	23181	8.18	ng	-0.07
8) Nitrobenzene-d5	9.34	82	9381	3.49	ng	-0.02
13) 2,4,6-Tribromophenol	16.30	330	3580	5.17	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	24823	4.27	ng	-0.01
26) Terphenyl-d14	20.16	244	32060	4.26	ng	-0.02
Target Compounds						
6) bis(2-Chloroethyl)ether	7.66	93	29	0.12	ng	# 1
19) Hexachlorobenzene	16.66	284	289	0.14	ng	# 1
20) Pentachlorophenol	17.23	266	1	Below Cal		# 72
29) Bis(2-ethylhexyl)phthalate	21.61	149	110	0.08	ng	# 72

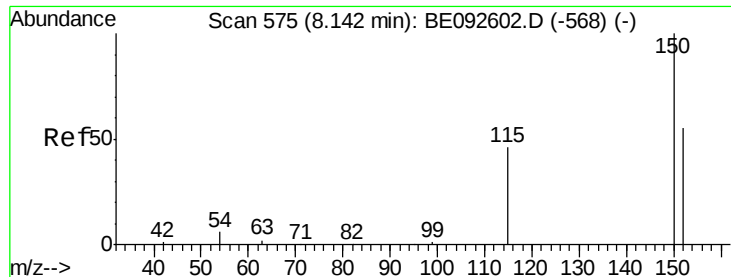
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.00 min

Lab File: BE092631.D

Acq: 6 Jan 2017 14:23

Instrument :

BNA_E

ClientSampleId :

PB95799BL

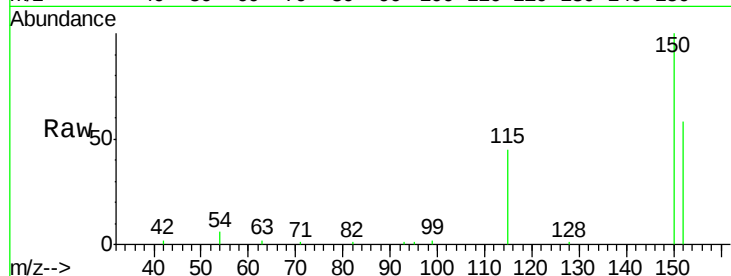
Tgt Ion:152 Resp: 9645

Ion Ratio Lower Upper

152 100

150 172.9 106.0 159.0#

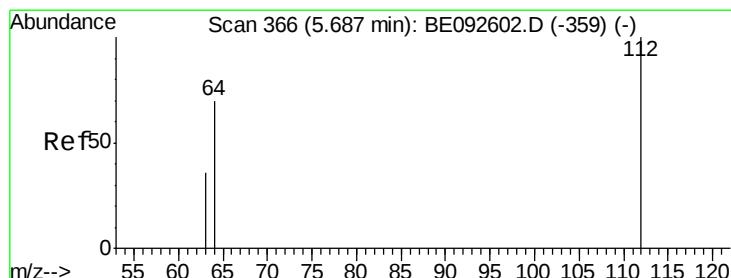
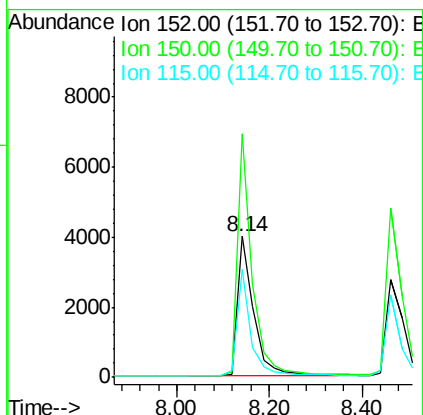
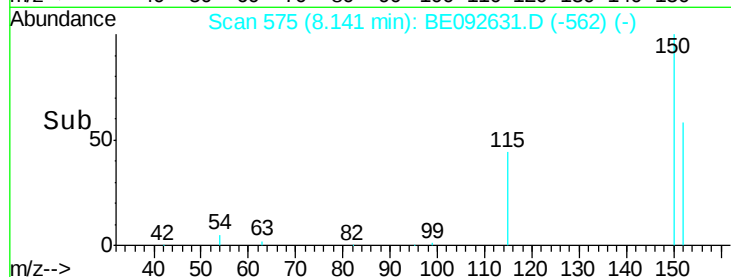
115 77.0 31.2 46.8#



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: 9.79 ng

RT: 5.65 min Scan# 359

Delta R.T. -0.04 min

Lab File: BE092631.D

Acq: 6 Jan 2017 14:23

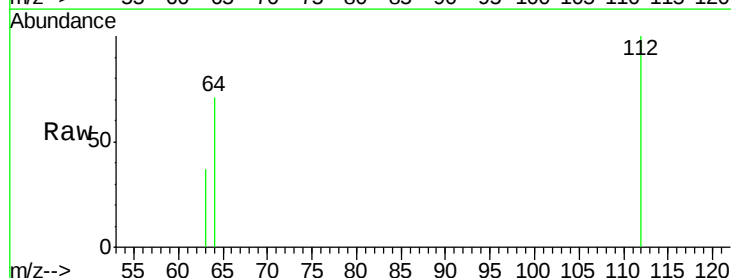
Tgt Ion:112 Resp: 18345

Ion Ratio Lower Upper

112 100

64 69.1 53.5 80.3

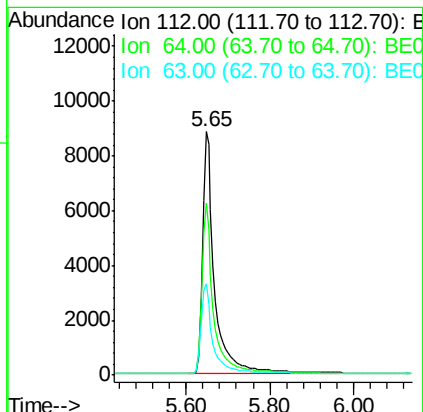
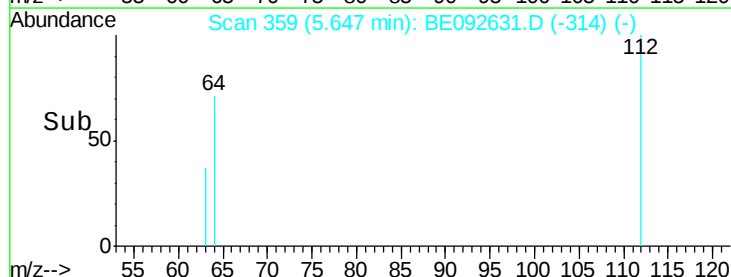
63 37.0 27.9 41.9

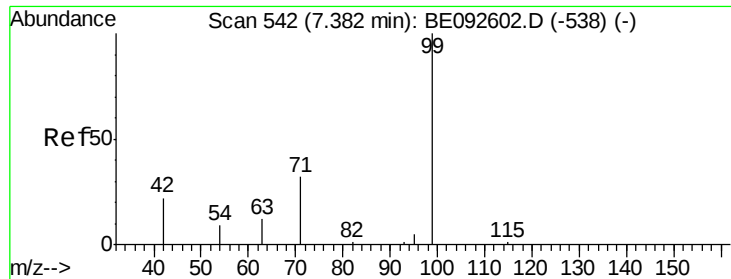


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 8.18 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.07 min

Lab File: BE092631.D

Acq: 6 Jan 2017 14:23

Instrument :

BNA_E

ClientSampleId :

PB95799BL

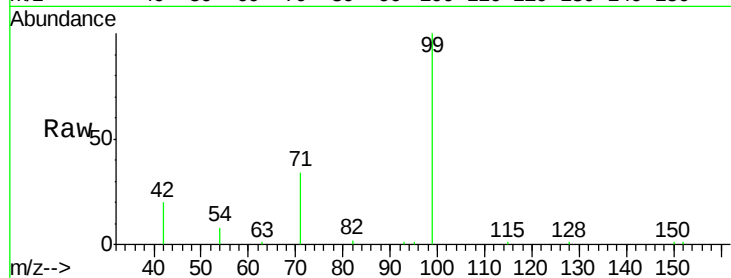
Tgt Ion: 99 Resp: 23181

Ion Ratio Lower Upper

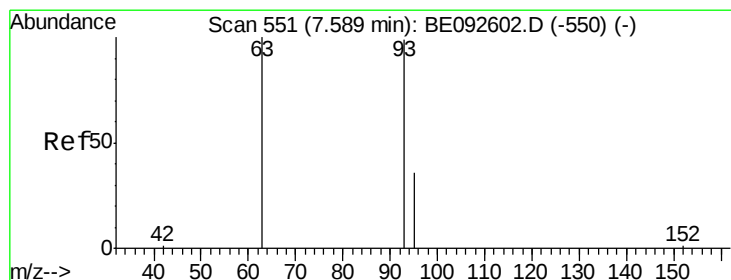
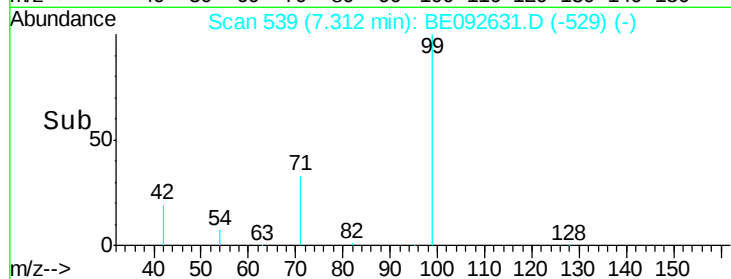
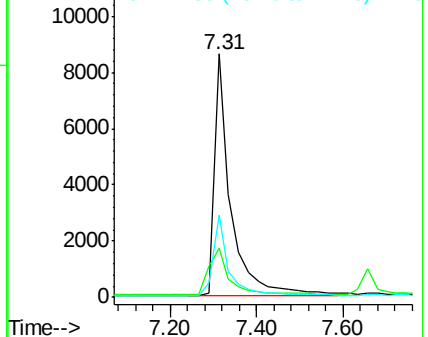
99 100

42 24.5 16.0 24.0#

71 33.1 30.6 45.8



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



#6

bis(2-Chloroethyl)ether

Concen: 0.12 ng

RT: 7.66 min Scan# 554

Delta R.T. 0.07 min

Lab File: BE092631.D

Acq: 6 Jan 2017 14:23

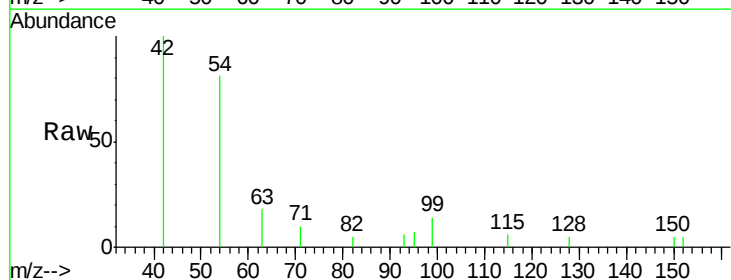
Tgt Ion: 93 Resp: 29

Ion Ratio Lower Upper

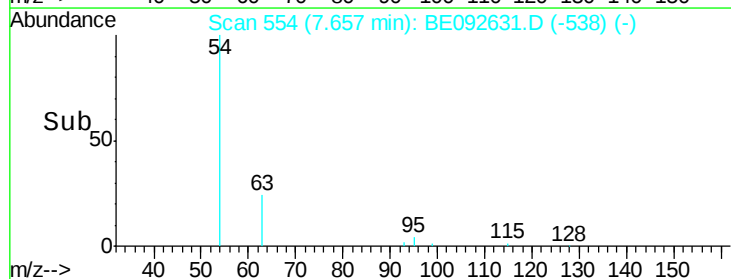
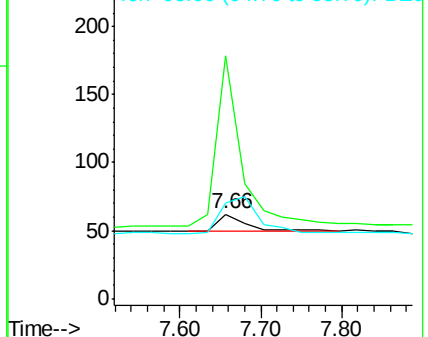
93 100

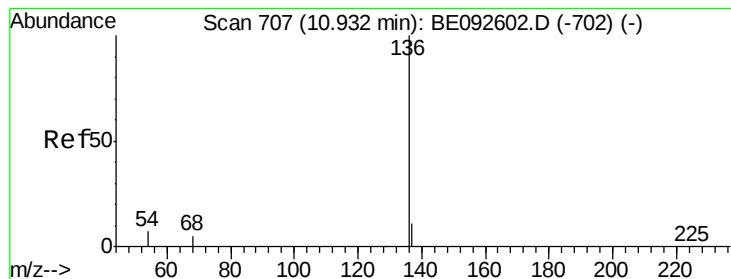
63 927.6 71.6 107.4#

95 0.0 24.0 36.0#



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092631.D

Acq: 6 Jan 2017 14:23

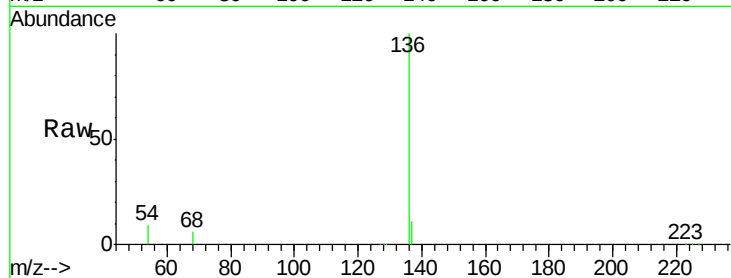
Instrument :

BNA_E

ClientSampleId :

PB95799BL

Tgt Ion:	136	Resp:	39503
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	8.7	9.6	14.4#
68	6.0	6.7	10.1#

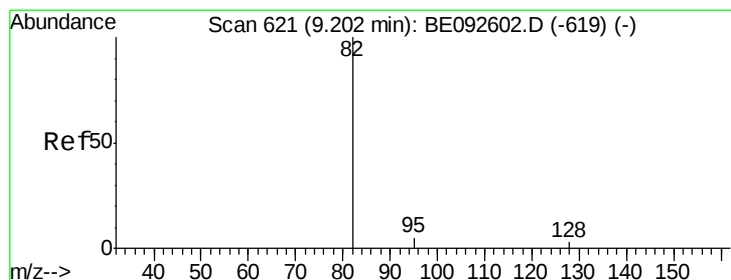
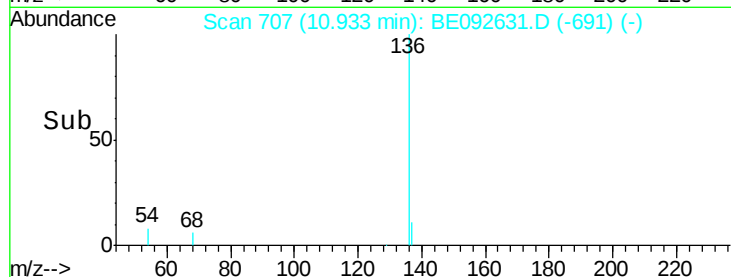
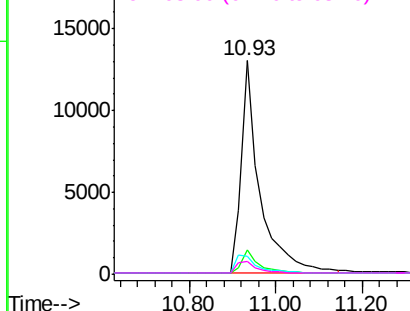


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.49 ng

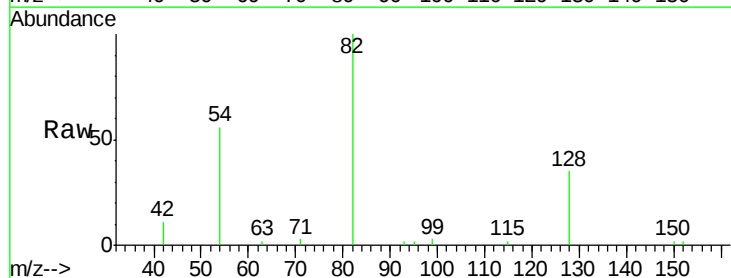
RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092631.D

Acq: 6 Jan 2017 14:23

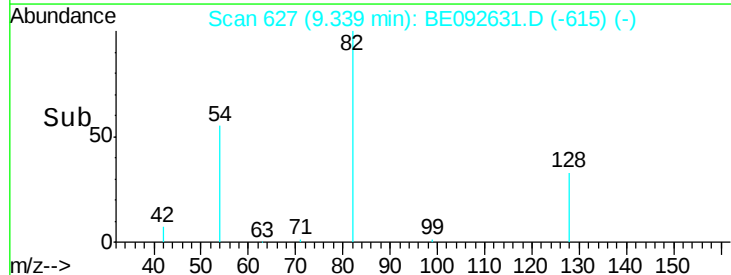
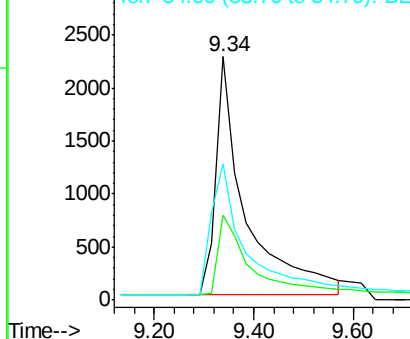
Tgt Ion:	82	Resp:	9381
Ion	Ratio	Lower	Upper
82	100		
128	34.7	39.0	58.4#
54	56.1	44.8	67.2

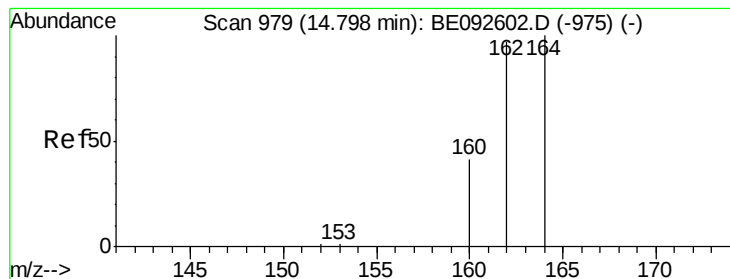


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092631.D

Acq: 6 Jan 2017 14:23

Instrument :

BNA_E

ClientSampleId :

PB95799BL

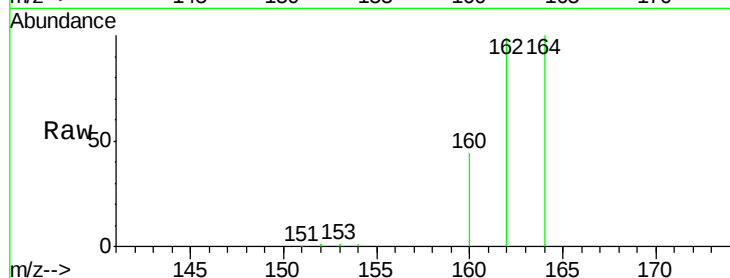
Tgt Ion:164 Resp: 24291

Ion Ratio Lower Upper

164 100

162 98.8 71.4 107.0

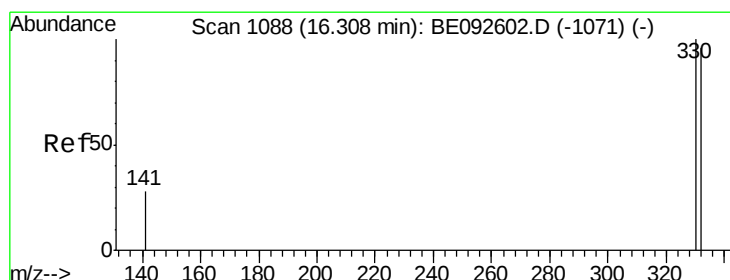
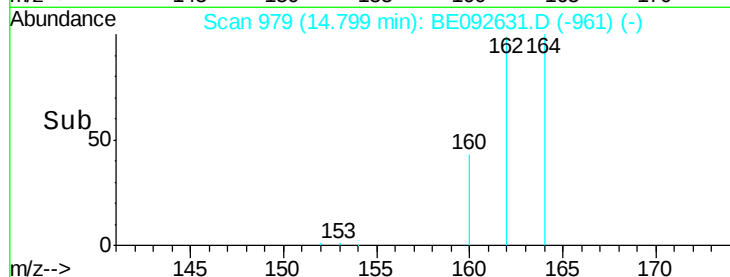
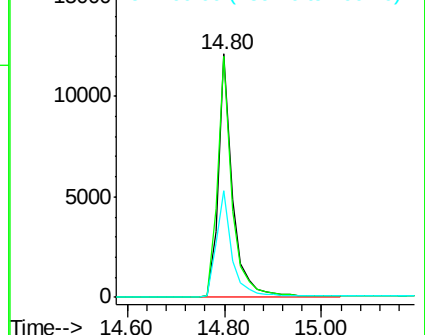
160 43.6 27.4 41.2#



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



#13

2,4,6-Tribromophenol

Concen: 5.17 ng

RT: 16.30 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BE092631.D

Acq: 6 Jan 2017 14:23

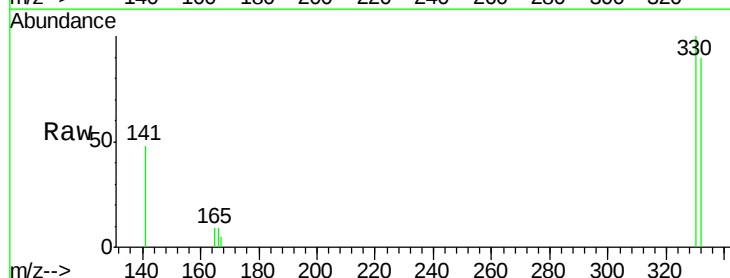
Tgt Ion:330 Resp: 3580

Ion Ratio Lower Upper

330 100

332 96.2 75.4 113.0

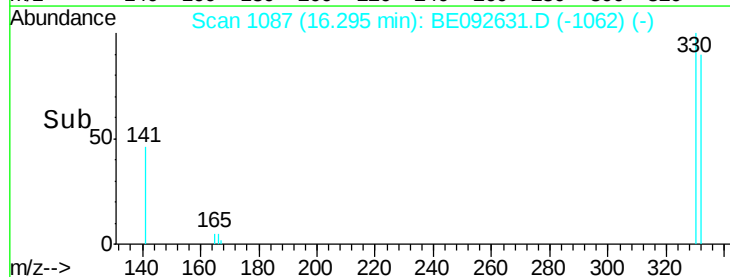
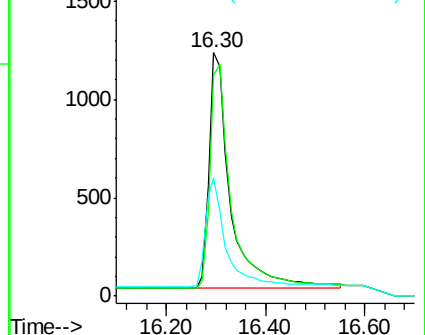
141 44.7 31.0 46.6

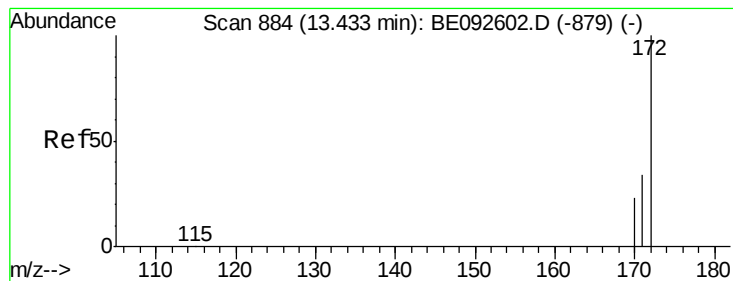


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#14

2-Fluorobiphenyl

Concen: 4.27 ng

RT: 13.42 min Scan# 883

Delta R.T. -0.01 min

Lab File: BE092631.D

Acq: 6 Jan 2017 14:23

Instrument :

BNA_E

ClientSampleId :

PB95799BL

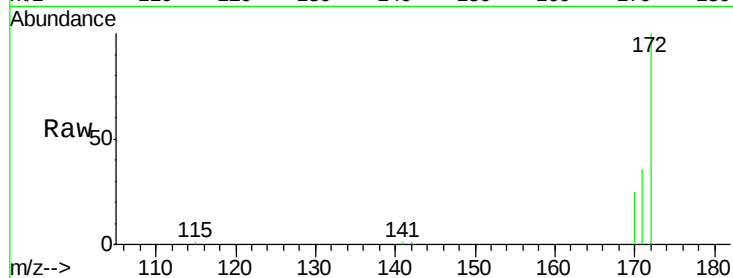
Tgt Ion:172 Resp: 24823

Ion Ratio Lower Upper

172 100

171 35.7 30.1 45.1

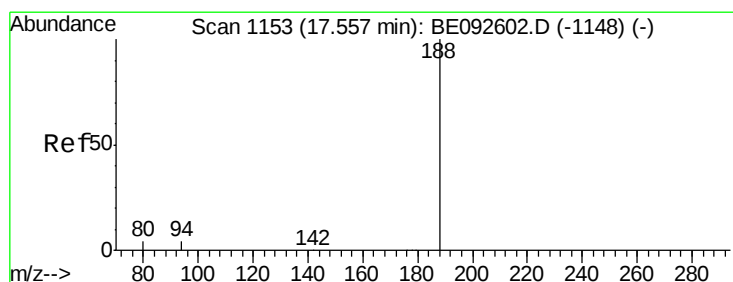
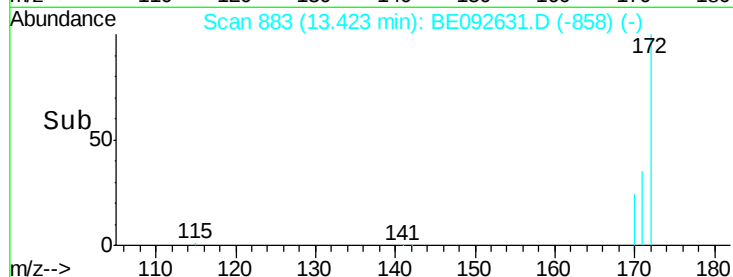
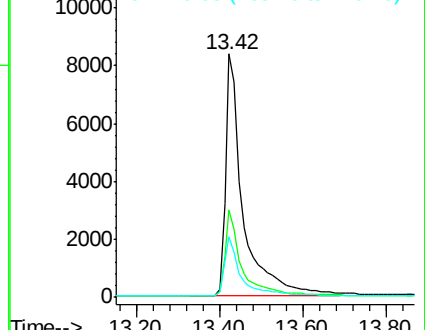
170 24.8 21.8 32.6



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE092631.D

Acq: 6 Jan 2017 14:23

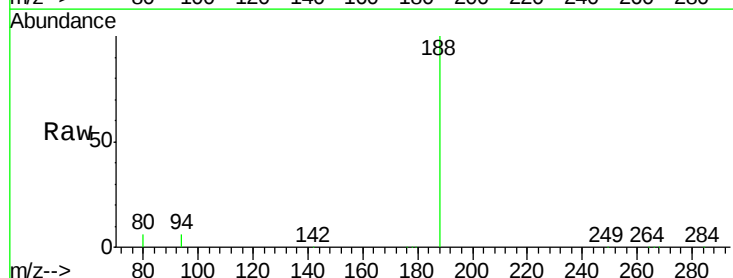
Tgt Ion:188 Resp: 47955

Ion Ratio Lower Upper

188 100

94 6.3 3.2 4.8#

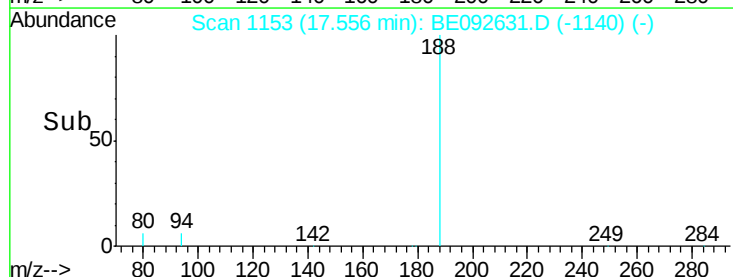
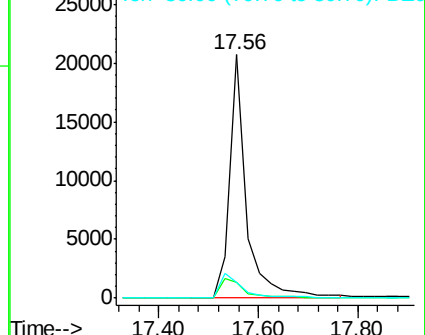
80 6.3 2.6 3.8#

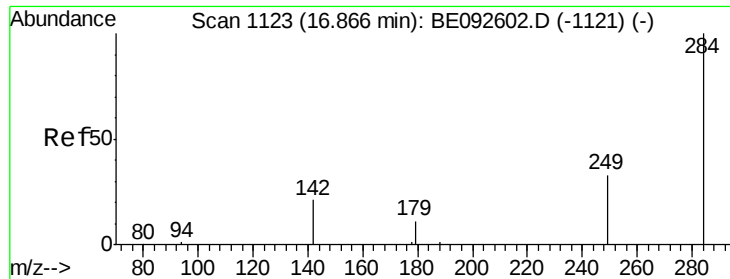


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#19

Hexachlorobenzene

Concen: 0.14 ng

RT: 16.66 min Scan# 1114

Delta R.T. -0.21 min

Lab File: BE092631.D

Acq: 6 Jan 2017 14:23

Instrument :

BNA_E

ClientSampleId :

PB95799BL

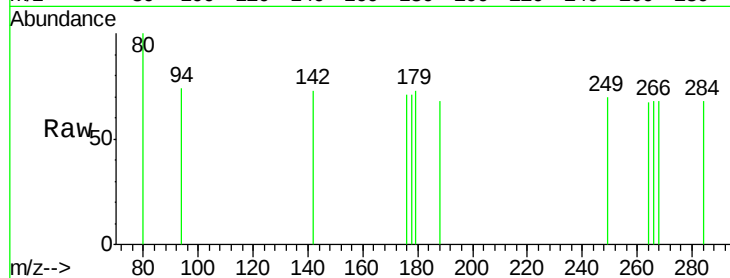
Tgt Ion: 284 Resp: 289

Ion Ratio Lower Upper

284 100

142 106.2 29.1 43.7#

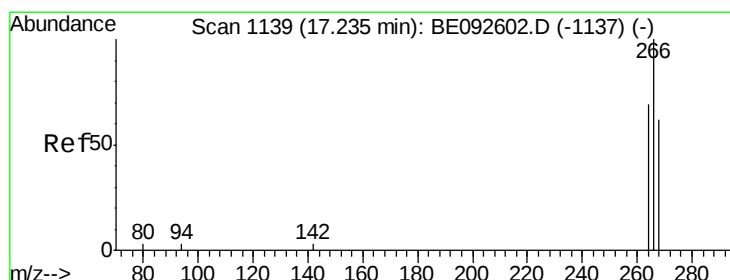
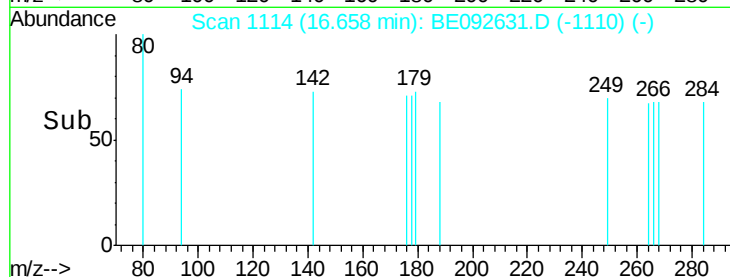
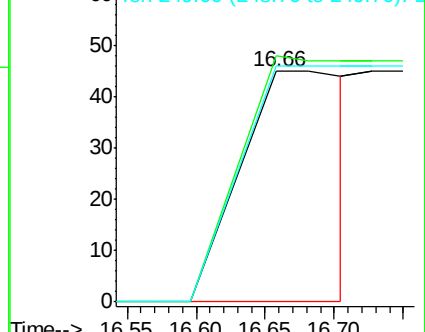
249 234.6 27.9 41.9#



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



#20

Pentachlorophenol

Concen: Below Cal

RT: 17.23 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BE092631.D

Acq: 6 Jan 2017 14:23

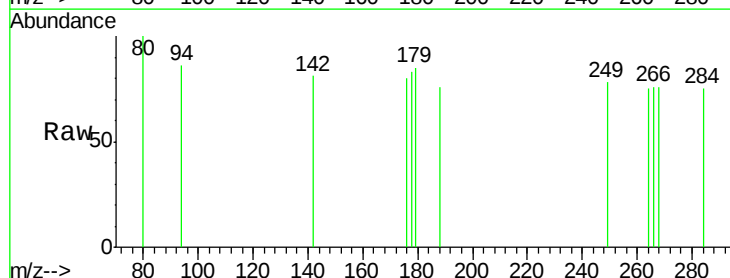
Tgt Ion: 266 Resp: 1

Ion Ratio Lower Upper

266 100

268 100.0 62.5 93.7#

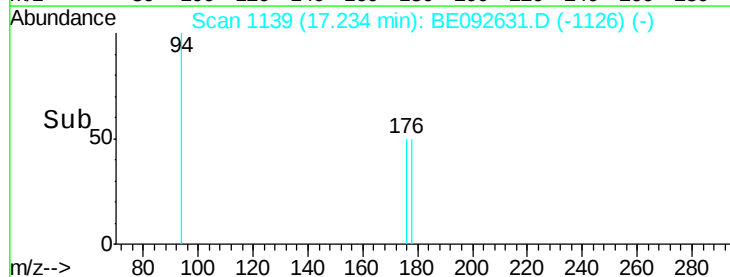
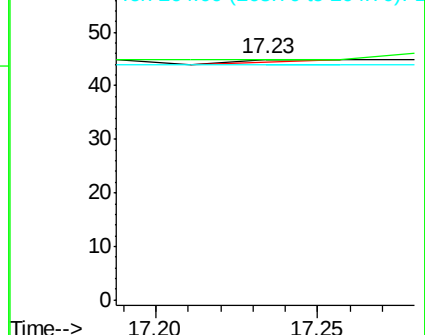
264 97.8 57.2 85.8#

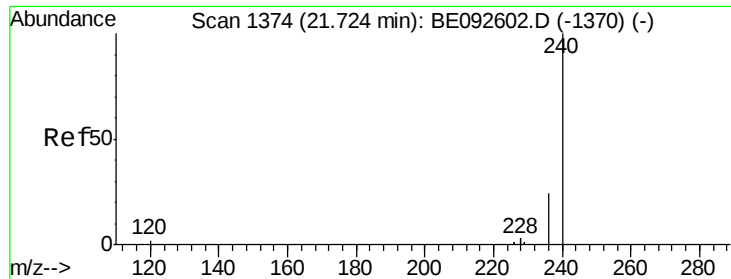


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

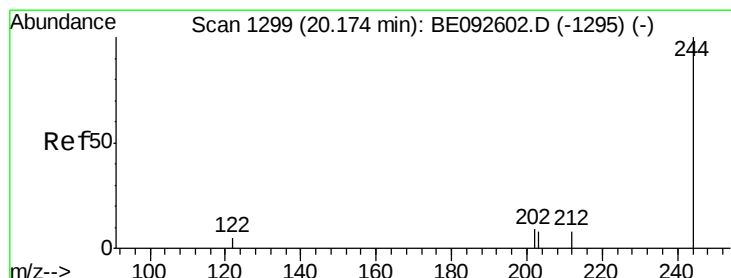
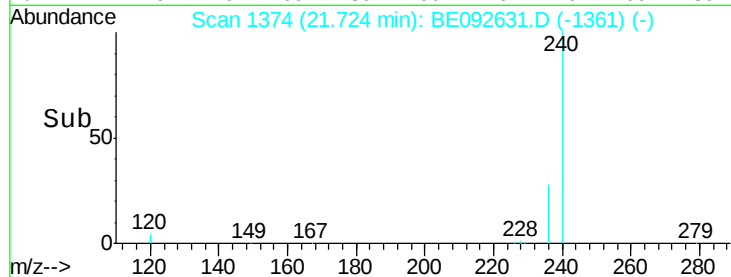
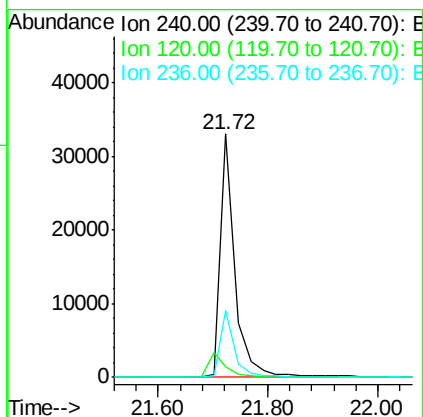
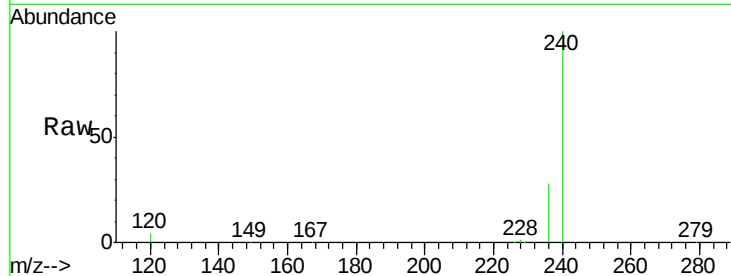




#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092631.D
Acq: 6 Jan 2017 14:23

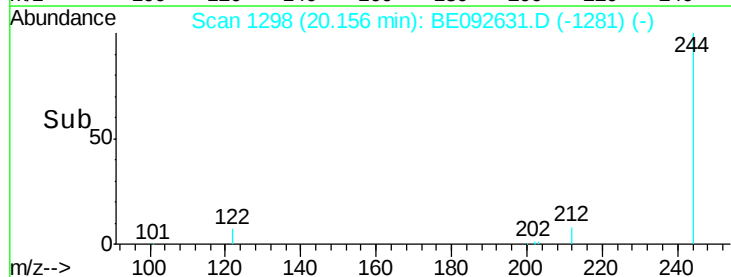
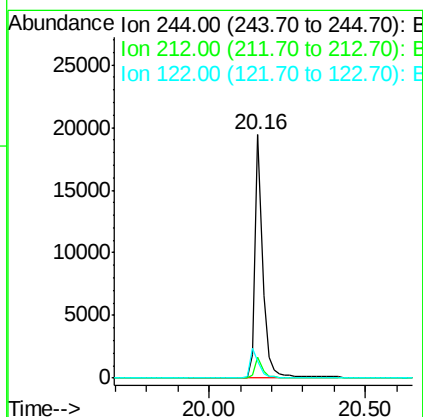
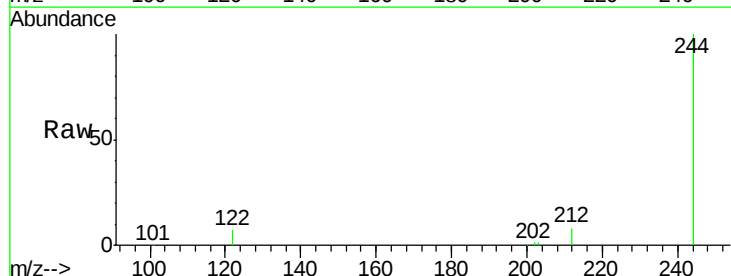
Instrument :
BNA_E
ClientSampleId :
PB95799BL

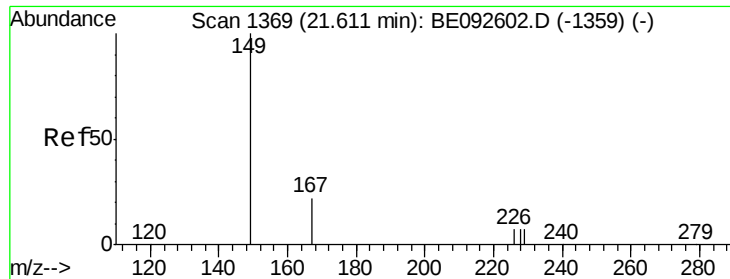
Tgt Ion:240 Resp: 61326
Ion Ratio Lower Upper
240 100
120 4.1 2.6 4.0#
236 27.7 24.6 37.0



#26
Terphenyl-d14
Concen: 4.26 ng
RT: 20.16 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BE092631.D
Acq: 6 Jan 2017 14:23

Tgt Ion:244 Resp: 32060
Ion Ratio Lower Upper
244 100
212 8.4 6.7 10.1
122 6.8 3.6 5.4#

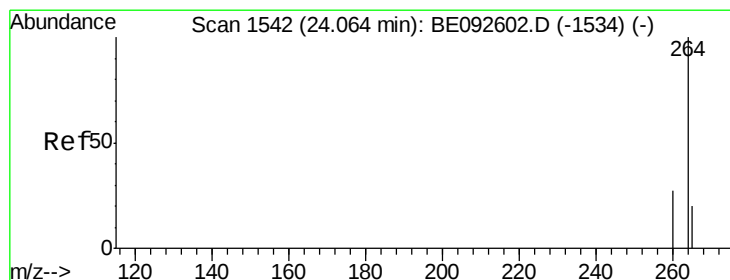
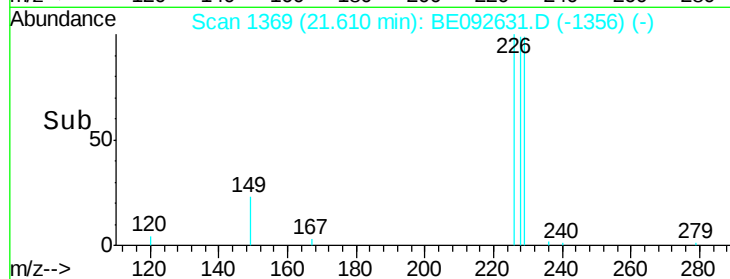
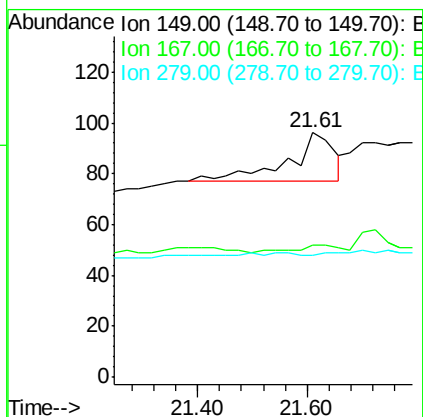
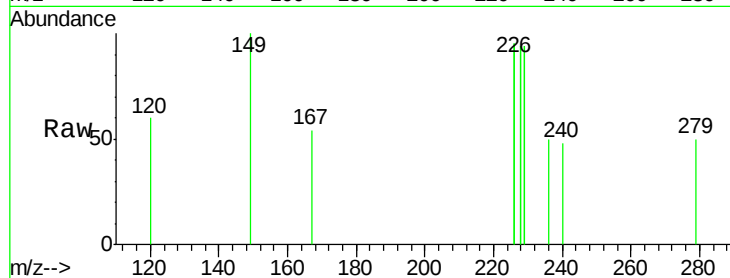




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.08 ng
 RT: 21.61 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BE092631.D
 Acq: 6 Jan 2017 14:23

Instrument :
 BNA_E
 ClientSampleId :
 PB95799BL

Tgt Ion:149 Resp: 110
 Ion Ratio Lower Upper
 149 100
 167 14.5 16.0 24.0#
 279 0.0 16.0 24.0#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.08 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BE092631.D
 Acq: 6 Jan 2017 14:23

Tgt Ion:264 Resp: 57538
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.1 30.1
 265 22.1 17.9 26.9

