

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111616\
 Data File : BE092549.D
 Acq On : 17 Nov 2016 00:40
 Operator : UM/SJ
 Sample : H5636-10MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C19023041MS

Quant Time: Nov 17 05:09:17 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE111616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 15:43:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	8545	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	43759	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	33877	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	64834	5.00	ng	0.00
24) Chrysene-d12	21.72	240	95683	5.00	ng	0.00
31) Perylene-d12	24.08	264	77008	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.65	112	6331	4.39	ng	-0.02
5) Phenol-d6	7.31	99	6248	2.67	ng	-0.04
8) Nitrobenzene-d5	9.32	82	12001	4.24	ng	-0.04
13) 2,4,6-Tribromophenol	16.28	330	11158	14.68	ng	-0.02
14) 2-Fluorobiphenyl	13.41	172	34485	4.18	ng	-0.02
26) Terphenyl-d14	20.16	244	63389	5.79	ng	-0.02

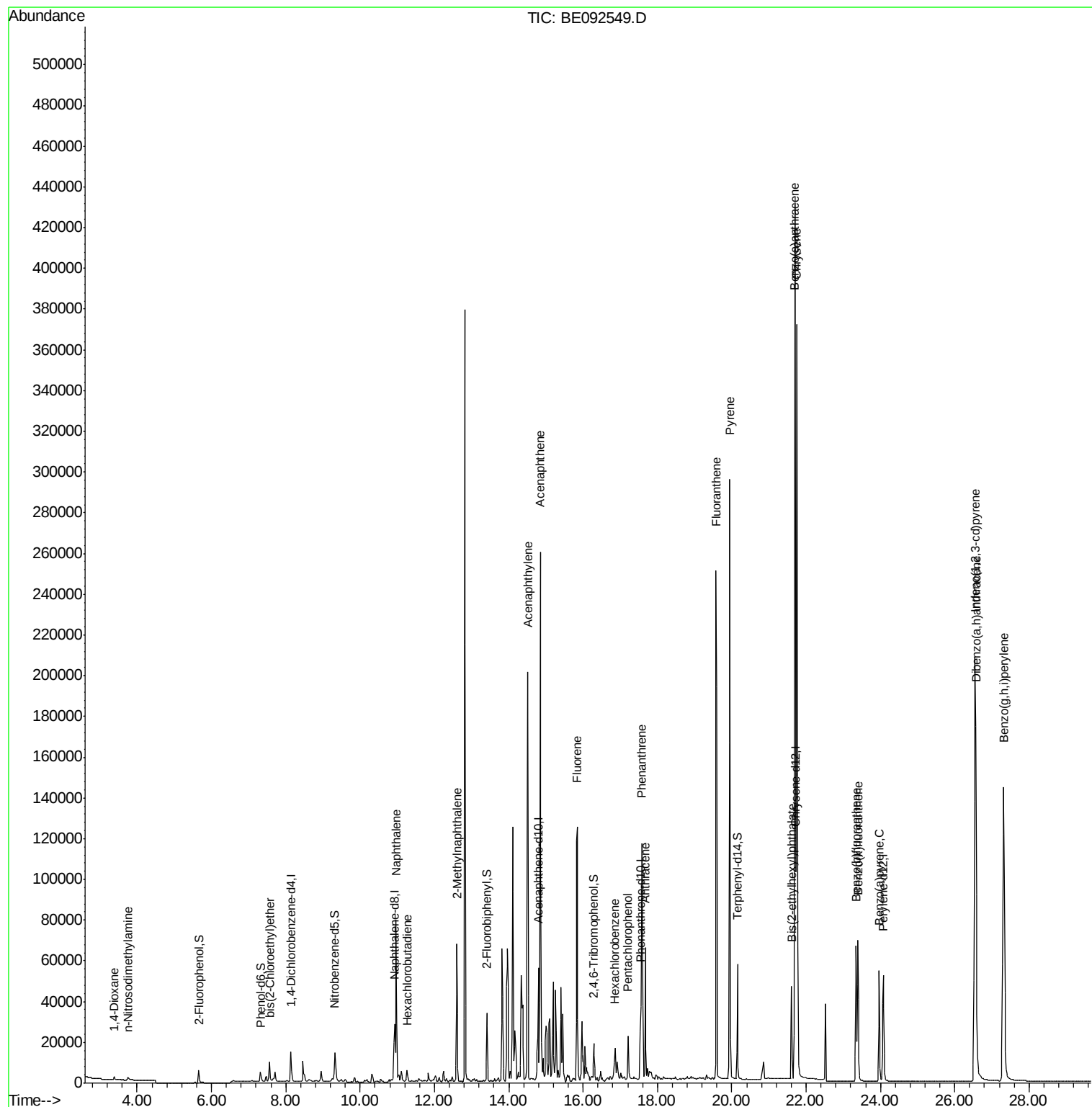
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	1141	1.04	ng	# 73
3) n-Nitrosodimethylamine	3.74	42	1795	1.39	ng	96
6) bis(2-Chloroethyl)ether	7.57	93	9172	3.53	ng	87
9) Naphthalene	10.97	128	118373	13.11	ng	96
10) Hexachlorobutadiene	11.26	225	4204	3.06	ng	100
11) 2-Methylnaphthalene	12.60	142	49775	8.64	ng	94
15) Acenaphthylene	14.51	152	234008	4.96	ng	# 74
16) Acenaphthene	14.85	154	50715	6.59	ng	# 79
17) Fluorene	15.84	166	93369	9.79	ng	# 97
19) Hexachlorobenzene	16.87	284	13138	5.13	ng	# 65
20) Pentachlorophenol	17.21	266	16045	10.35	ng	# 85
21) Phenanthrene	17.58	178	156609	10.80	ng	# 95
22) Anthracene	17.67	178	83470	6.11	ng	97
23) Fluoranthene	19.58	202	375521	5.55	ng	99
25) Pyrene	19.95	202	392972	5.17	ng	98
27) Benzo(a)anthracene	21.70	228	434882m	4.80	ng	
28) Chrysene	21.75	228	404713m	4.98	ng	
29) Bis(2-ethylhexyl)phthalate	21.61	149	59580	9.49	ng	# 73
30) Indeno(1,2,3-cd)pyrene	26.55	276	416975	4.69	ng	98
32) Benzo(b)fluoranthene	23.35	252	99157	5.31	ng	# 96
33) Benzo(k)fluoranthene	23.39	252	93712	4.79	ng	94
34) Benzo(a)pyrene	23.96	252	93099	5.39	ng	94
35) Dibenzo(a,h)anthracene	26.57	278	87465	5.11	ng	96
36) Benzo(g,h,i)perylene	27.31	276	357126	4.93	ng	96

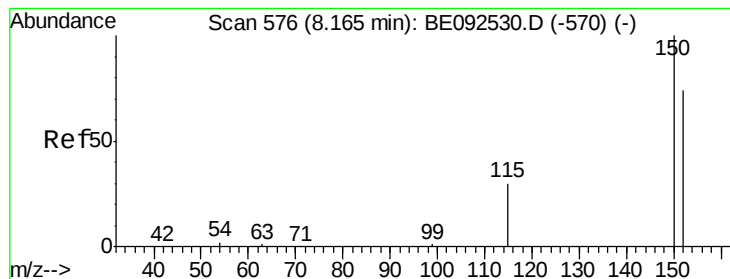
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.02 min

Lab File: BE092549.D

Acq: 17 Nov 2016 00:40

Instrument :

BNA_E

ClientSampleId :

C19023041MS

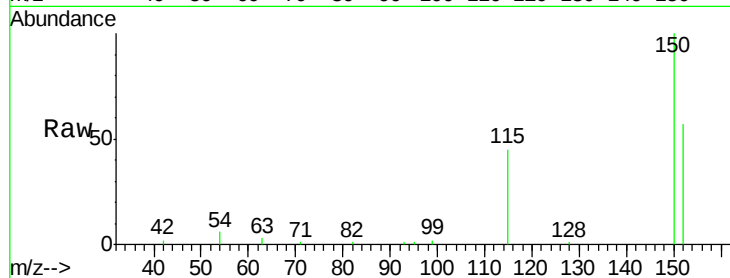
Tot Ion:152 Resp: 8545

Ion Ratio Lower Upper

152 100

150 176.4 106.0 159.0#

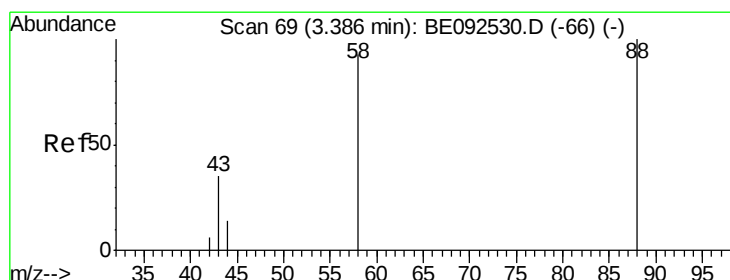
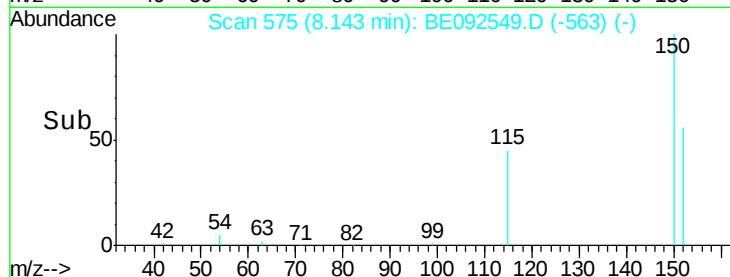
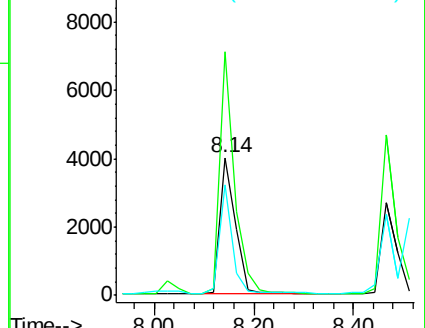
115 79.9 31.2 46.8#



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



#2

1,4-Dioxane

Concen: 1.04 ng

RT: 3.39 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE092549.D

Acq: 17 Nov 2016 00:40

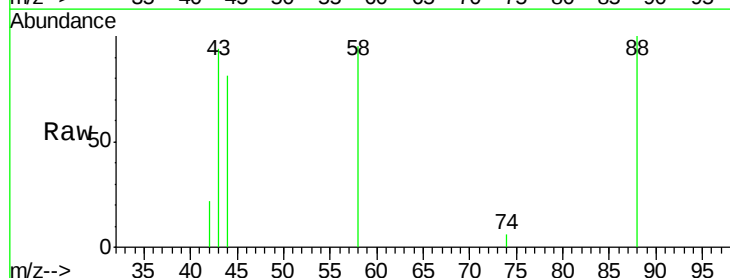
Tgt Ion: 88 Resp: 1141

Ion Ratio Lower Upper

88 100

58 94.2 63.6 95.4

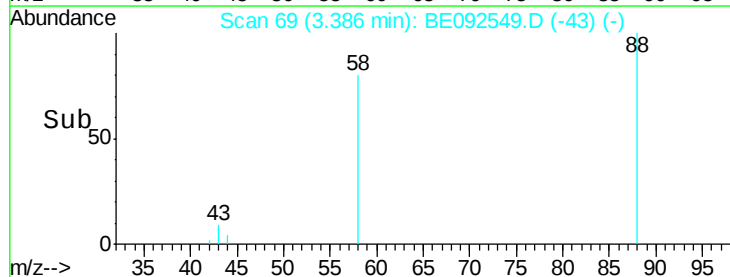
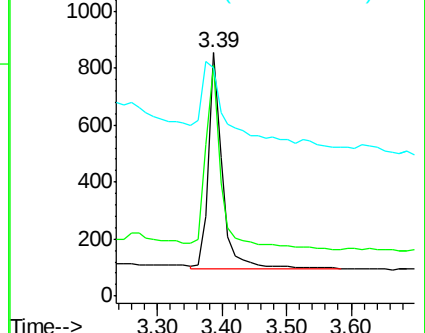
43 64.2 28.0 42.0#

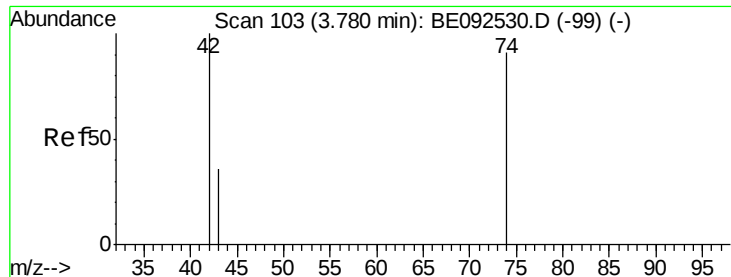


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



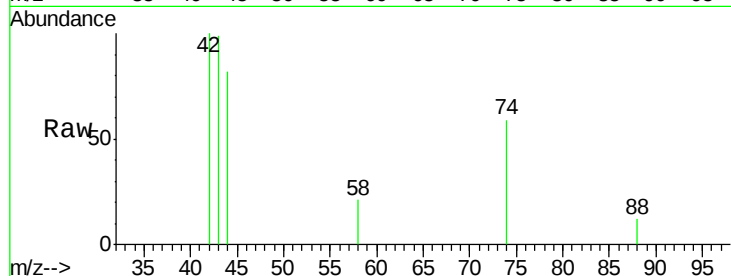


#3

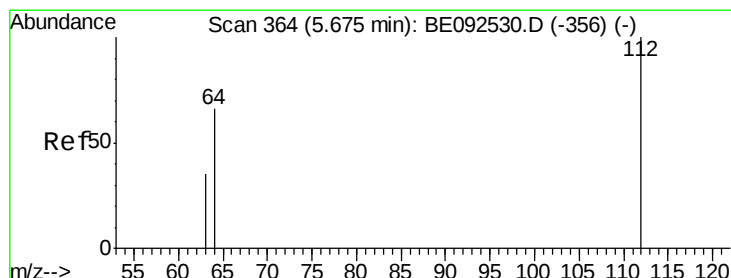
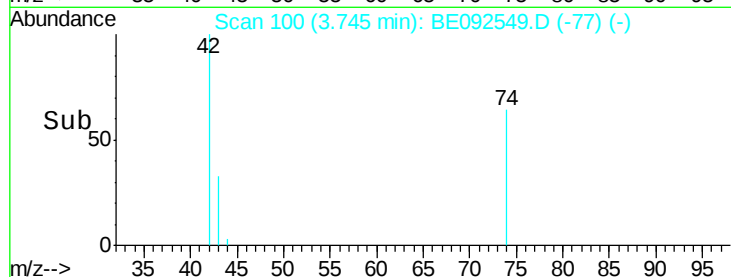
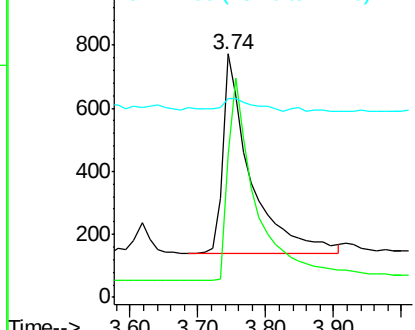
n-Nitrosodimethylamine
 Concen: 1.39 ng
 RT: 3.74 min Scan# 100
 Delta R.T. -0.03 min
 Lab File: BE092549.D
 Acq: 17 Nov 2016 00:40

Instrument :
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 C19023041MS

Tot Ion: 42 Resp: 1795
 Ion Ratio Lower Upper
 42 100
 74 111.5 86.0 129.0
 44 6.9 5.1 7.7



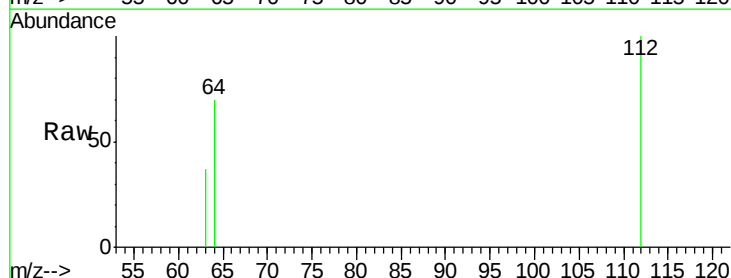
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



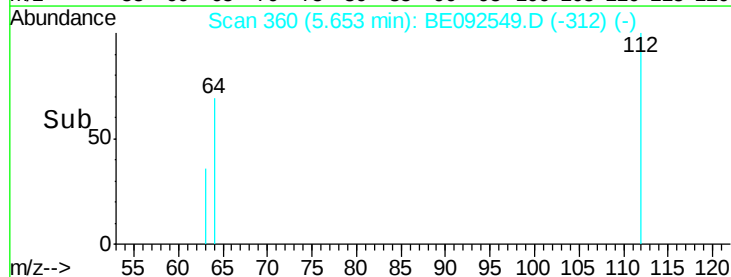
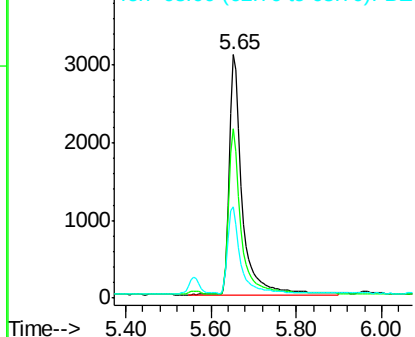
#4

2-Fluorophenol
 Concen: 4.39 ng
 RT: 5.65 min Scan# 360
 Delta R.T. -0.02 min
 Lab File: BE092549.D
 Acq: 17 Nov 2016 00:40

Tgt Ion: 112 Resp: 6331
 Ion Ratio Lower Upper
 112 100
 64 68.3 53.5 80.3
 63 35.6 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: 2.67 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.04 min

Lab File: BE092549.D

Acq: 17 Nov 2016 00:40

Instrument :

BNA_E

ClientSampleId :

C19023041MS

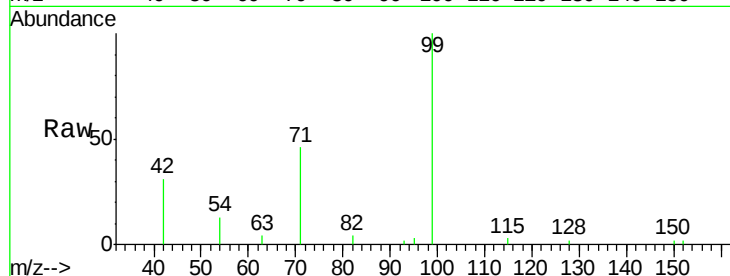
Tot Ion: 99 Resp: 6248

Ion Ratio Lower Upper

99 100

42 23.5 16.0 24.0

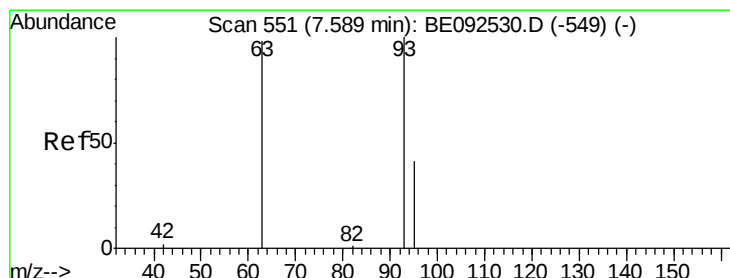
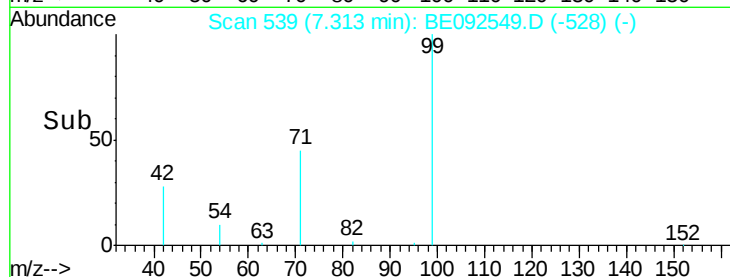
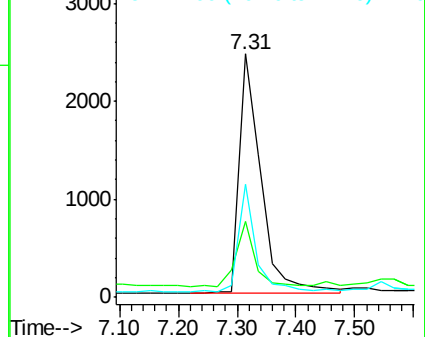
71 36.9 30.6 45.8



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: 3.53 ng

RT: 7.57 min Scan# 550

Delta R.T. -0.02 min

Lab File: BE092549.D

Acq: 17 Nov 2016 00:40

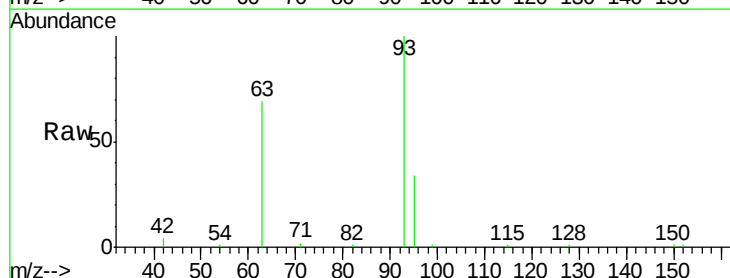
Tgt Ion: 93 Resp: 9172

Ion Ratio Lower Upper

93 100

63 75.0 71.6 107.4

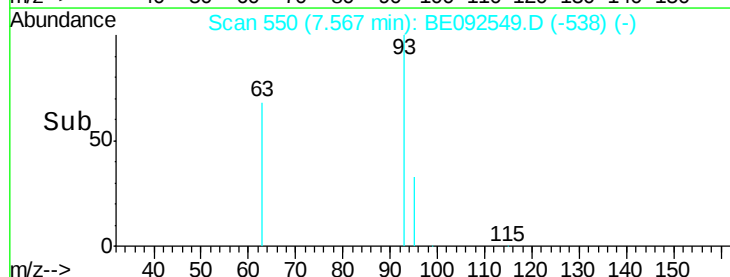
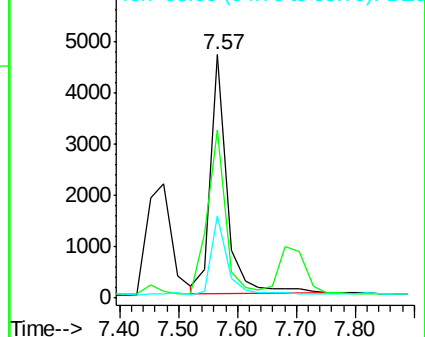
95 33.5 24.0 36.0

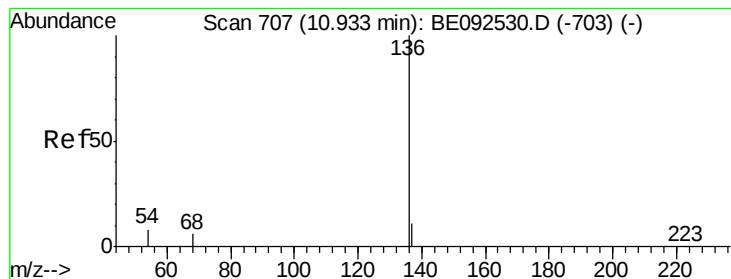


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092549.D

Acq: 17 Nov 2016 00:40

Instrument :

BNA_E

ClientSampleId :

C19023041MS

Tot Ion:136 Resp: 43759

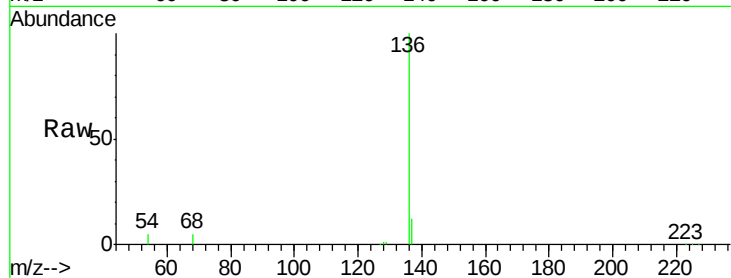
Ion Ratio Lower Upper

136 100

137 11.7 8.2 12.4

54 5.5 9.6 14.4#

68 4.5 6.7 10.1#

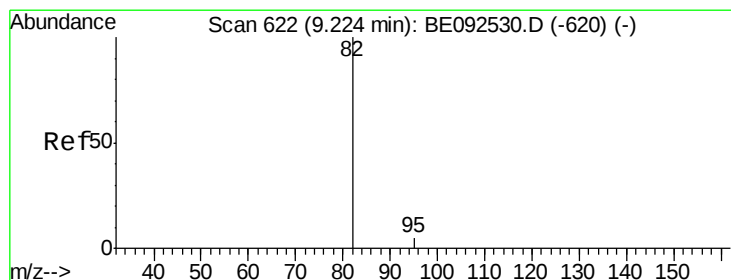
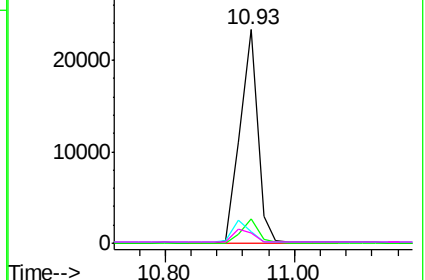
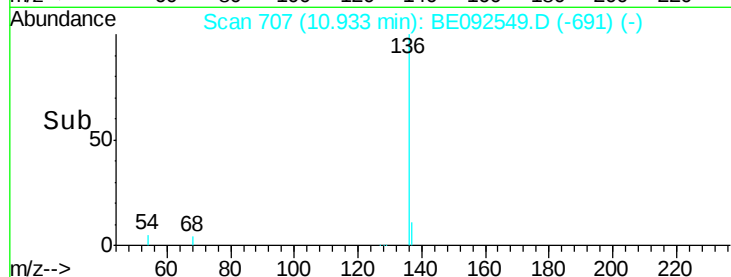


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.24 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.04 min

Lab File: BE092549.D

Acq: 17 Nov 2016 00:40

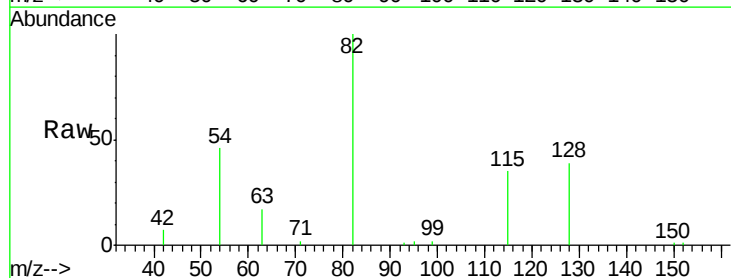
Tgt Ion: 82 Resp: 12001

Ion Ratio Lower Upper

82 100

128 38.7 39.0 58.4#

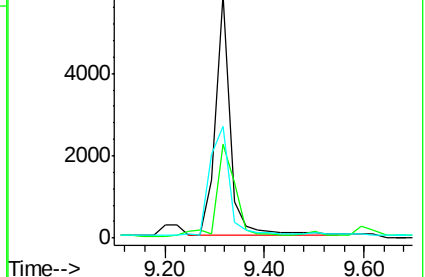
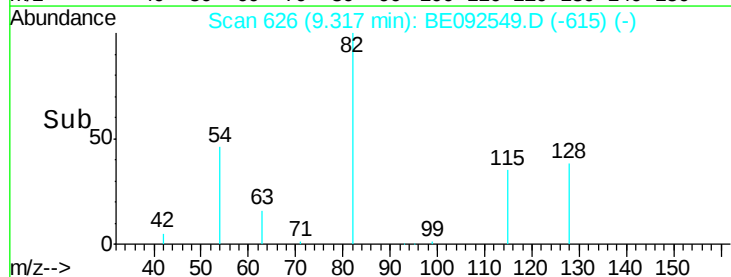
54 46.2 44.8 67.2

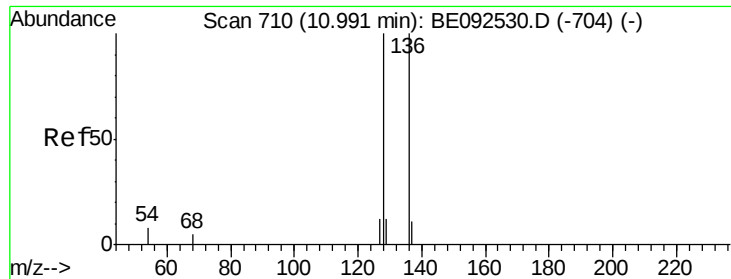


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 13.11 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.02 min

Lab File: BE092549.D

Acq: 17 Nov 2016 00:40

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BNA_E

ClientSampleId :

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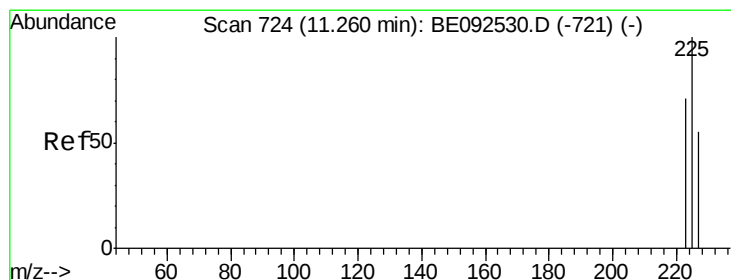
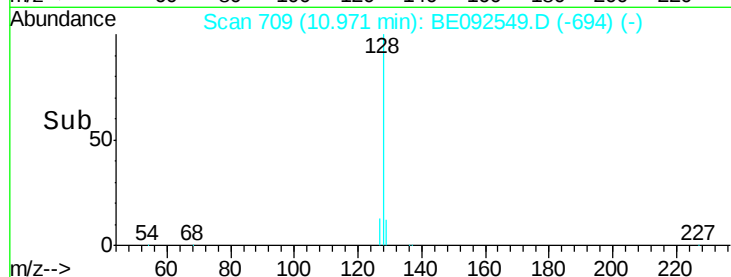
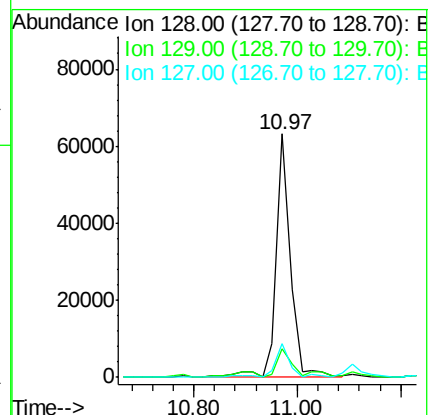
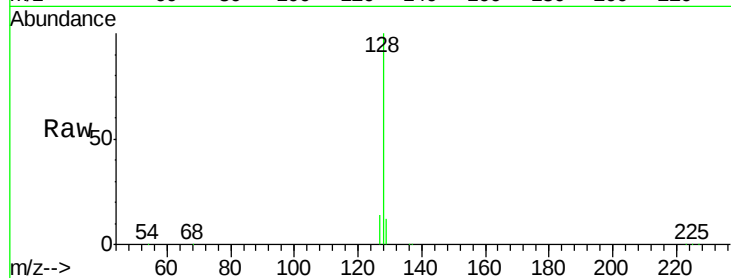
Tot Ion:128 Resp: 118373

Ion Ratio Lower Upper

128 100

129 11.8 11.2 16.8

127 13.6 11.6 17.4



#10

Hexachlorobutadiene

Concen: 3.06 ng

RT: 11.26 min Scan# 724

Delta R.T. -0.00 min

Lab File: BE092549.D

Acq: 17 Nov 2016 00:40

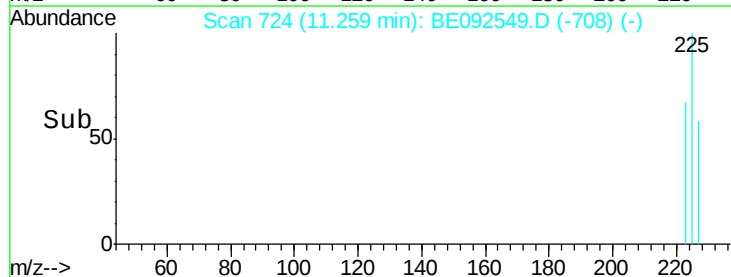
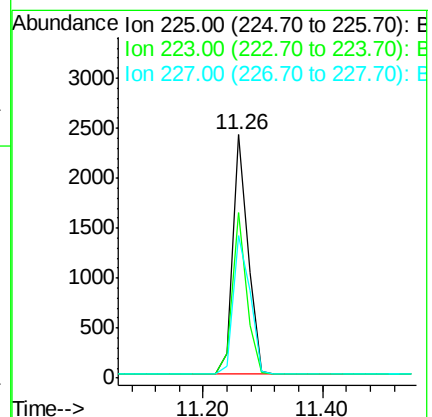
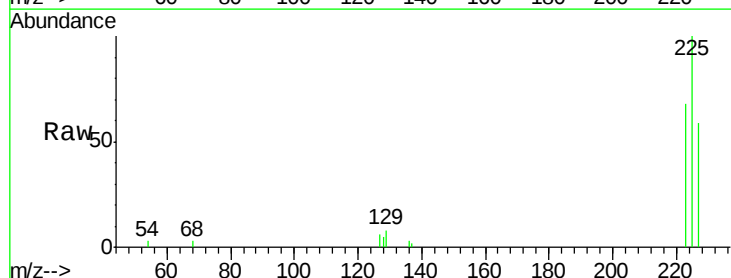
Tgt Ion:225 Resp: 4204

Ion Ratio Lower Upper

225 100

223 63.2 50.6 76.0

227 63.8 51.4 77.0





#11

2-Methylnaphthalene

Concen: 8.64 ng

RT: 12.60 min Scan# 812

Delta R.T. -0.04 min

Lab File: BE092549.D

Acq: 17 Nov 2016 00:40

Instrument :

BNA_E

ClientSampleId :

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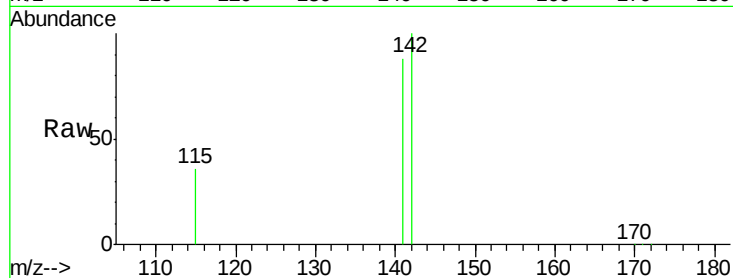
Tot Ion:142 Resp: 49775

Ion Ratio Lower Upper

142 100

141 88.2 73.7 110.5

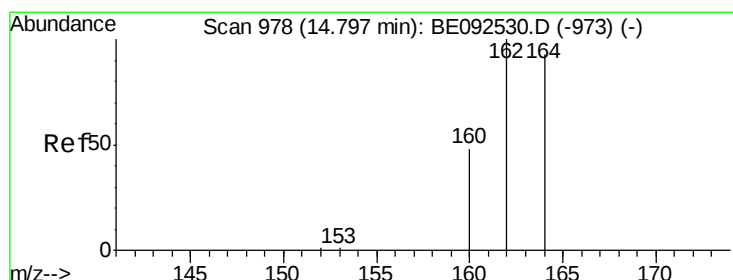
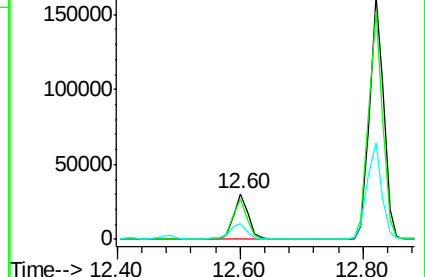
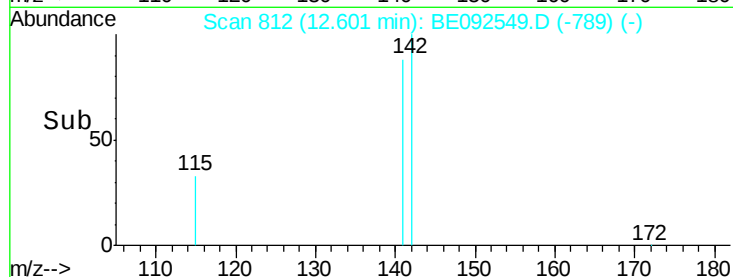
115 35.6 34.0 51.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092549.D

Acq: 17 Nov 2016 00:40

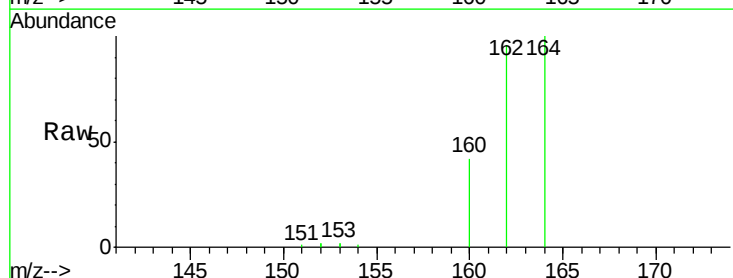
Tgt Ion:164 Resp: 33877

Ion Ratio Lower Upper

164 100

162 96.4 71.4 107.0

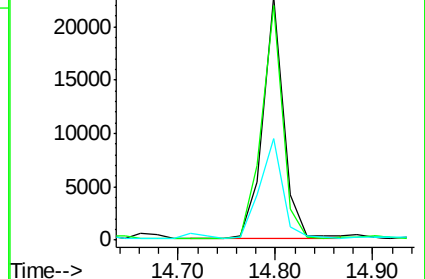
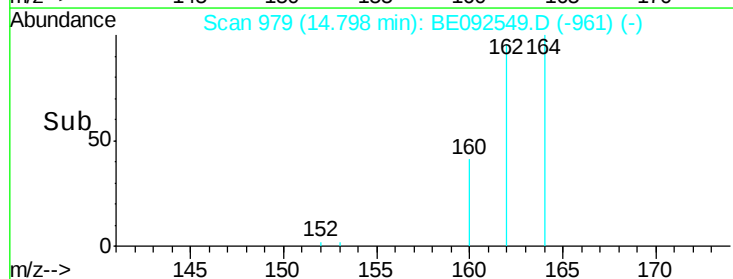
160 41.8 27.4 41.2#

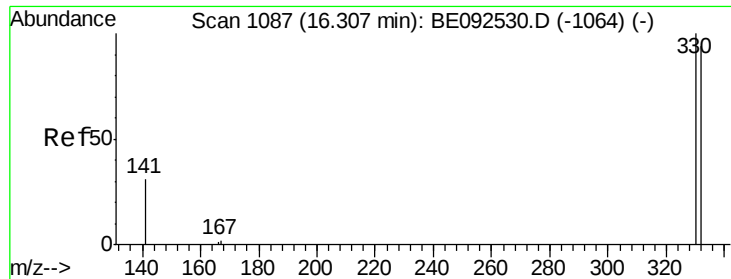


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

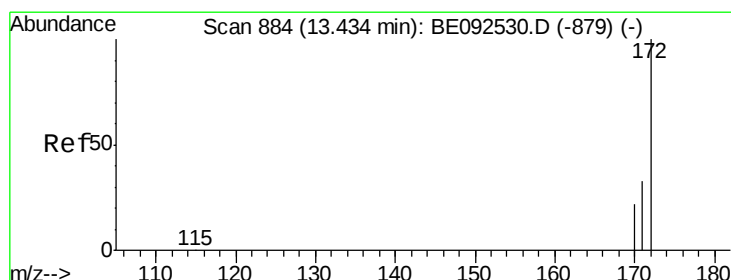
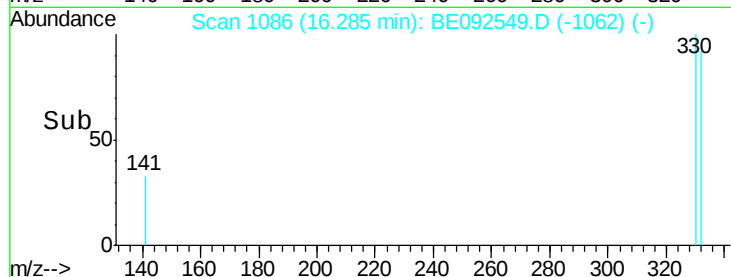
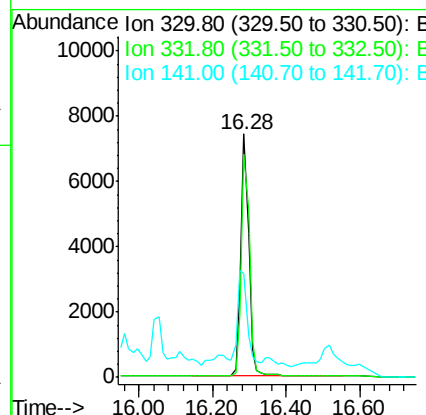
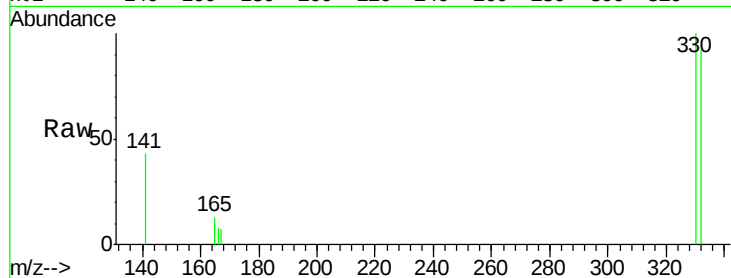




#13
 2,4,6-Tribromophenol
 Concen: 14.68 ng
 RT: 16.28 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BE092549.D
 Acq: 17 Nov 2016 00:40

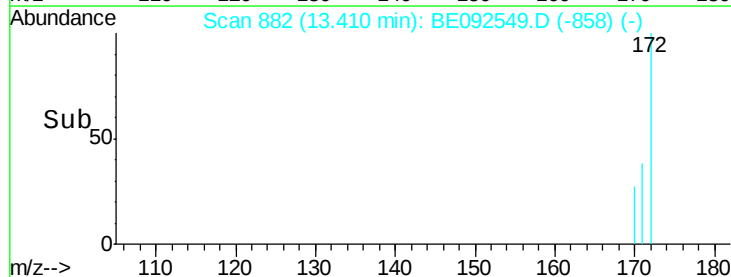
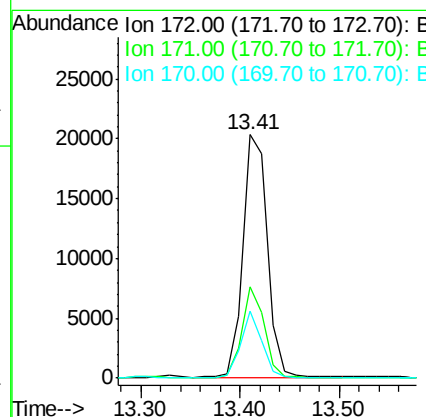
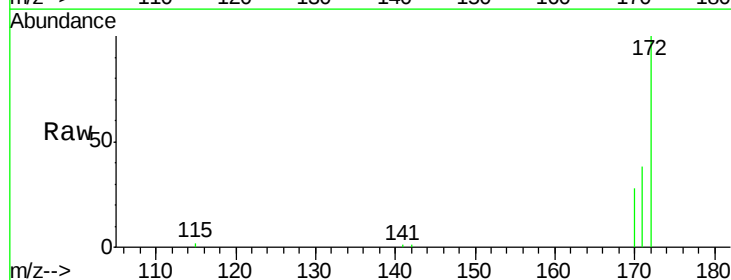
Instrument :
 BNA_E
 ClientSampleId :
 C19023041MS

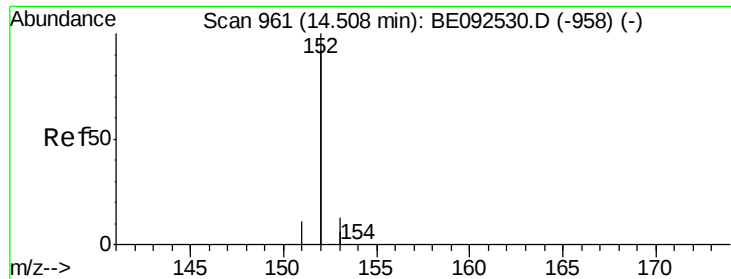
Tot Ion:330 Resp: 11158
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.4 113.0
 141 44.4 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.18 ng
 RT: 13.41 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BE092549.D
 Acq: 17 Nov 2016 00:40

Tgt Ion:172 Resp: 34485
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.1 45.1
 170 27.7 21.8 32.6





#15

Acenaphthylene

Concen: 4.96 ng

RT: 14.51 min Scan# 962

Delta R.T. 0.00 min

Lab File: BE092549.D

Acq: 17 Nov 2016 00:40

Instrument :

BNA_E

ClientSampleId :

C19023041MS

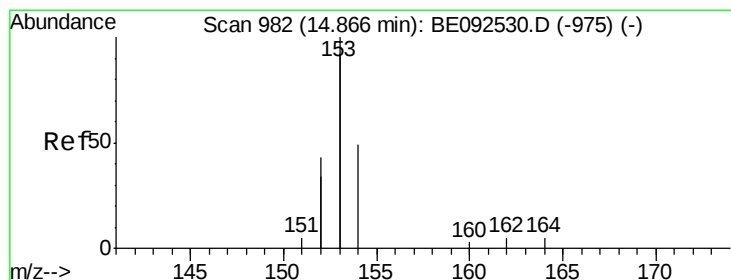
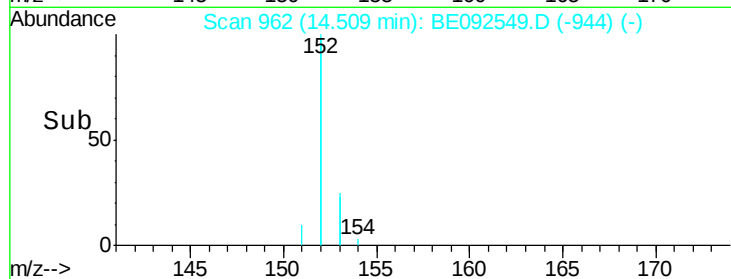
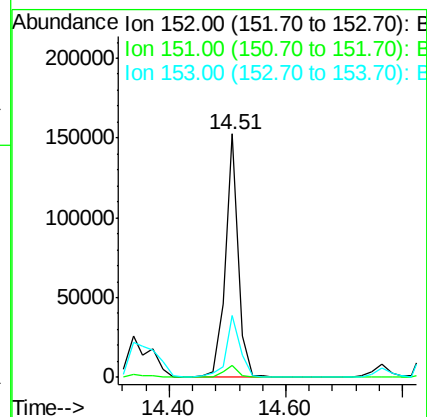
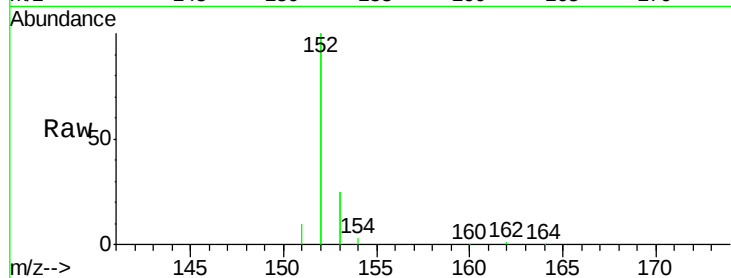
Tot Ion:152 Resp: 234008

Ion Ratio Lower Upper

152 100

151 5.3 3.9 5.9

153 27.0 10.4 15.6#



#16

Acenaphthene

Concen: 6.59 ng

RT: 14.85 min Scan# 982

Delta R.T. -0.02 min

Lab File: BE092549.D

Acq: 17 Nov 2016 00:40

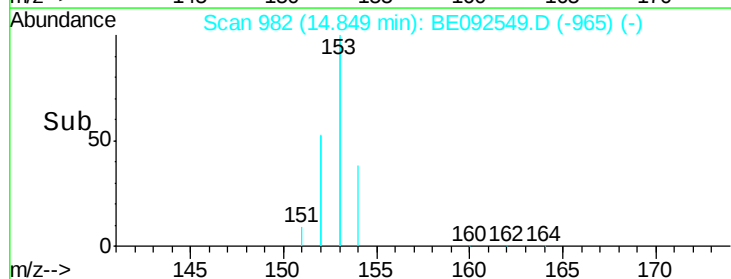
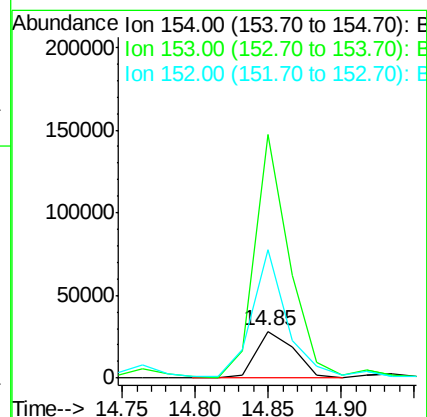
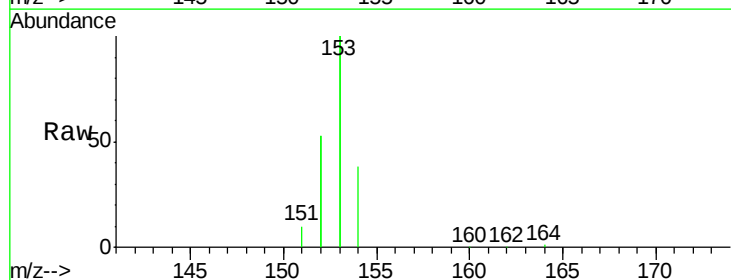
Tgt Ion:154 Resp: 50715

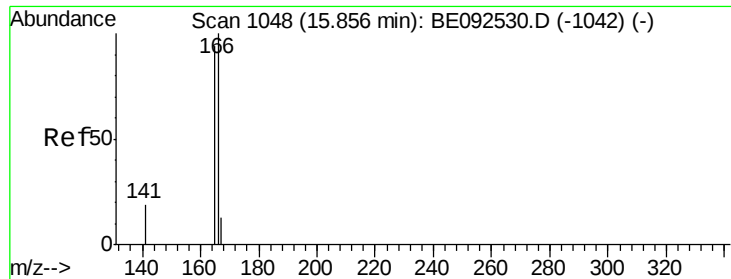
Ion Ratio Lower Upper

154 100

153 482.4 350.8 526.2

152 257.2 171.1 256.7#

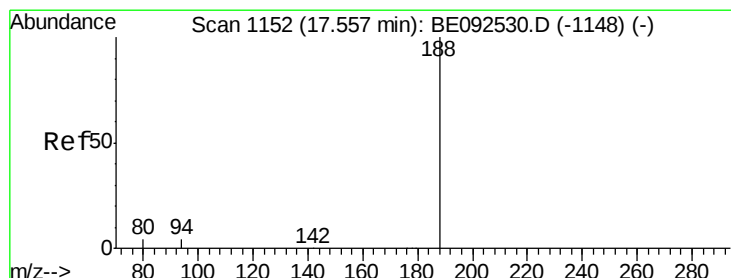
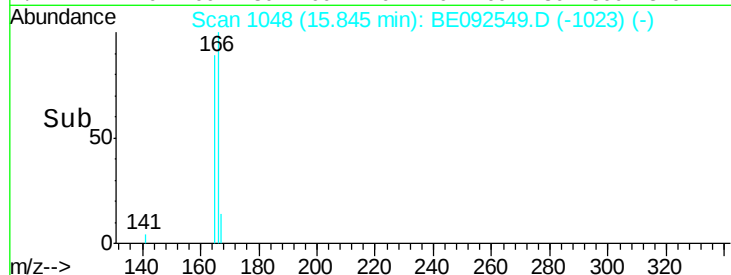
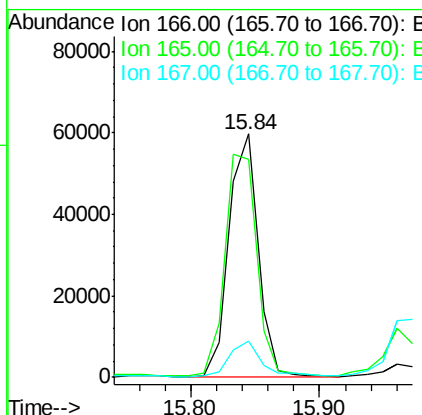
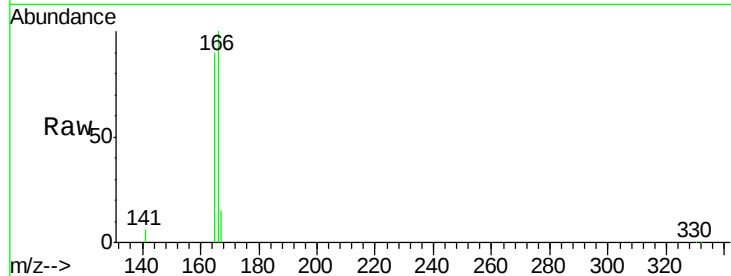




#17
Fluorene
 Concen: 9.79 ng
 RT: 15.84 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BE092549.D
 Acq: 17 Nov 2016 00:40

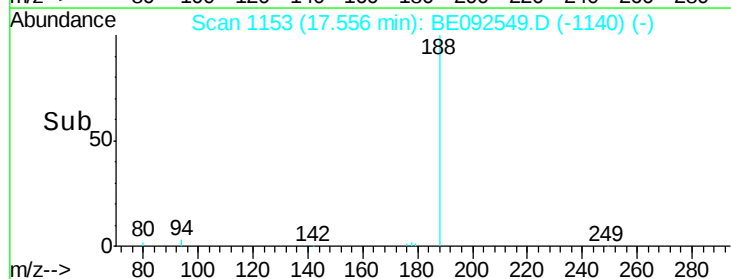
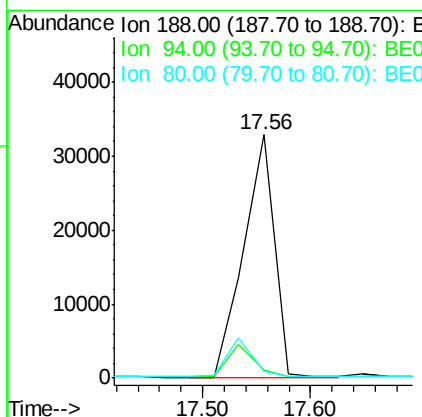
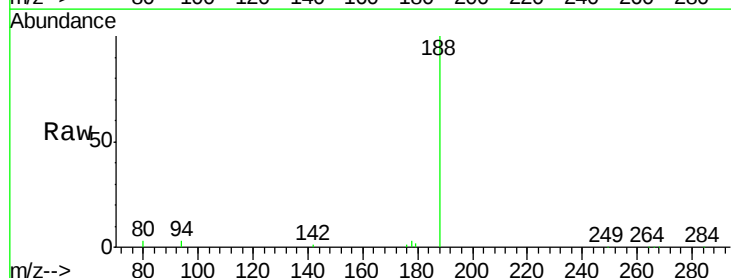
Instrument :
 BNA_E
 ClientSampleId :
 C19023041MS

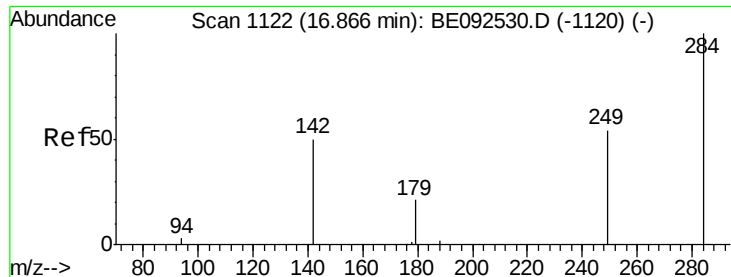
Tot Ion:166 Resp: 93369
 Ion Ratio Lower Upper
 166 100
 165 100.3 78.2 117.4
 167 16.9 11.0 16.4#



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BE092549.D
 Acq: 17 Nov 2016 00:40

Tgt Ion:188 Resp: 64834
 Ion Ratio Lower Upper
 188 100
 94 3.3 3.2 4.8
 80 2.6 2.6 3.8

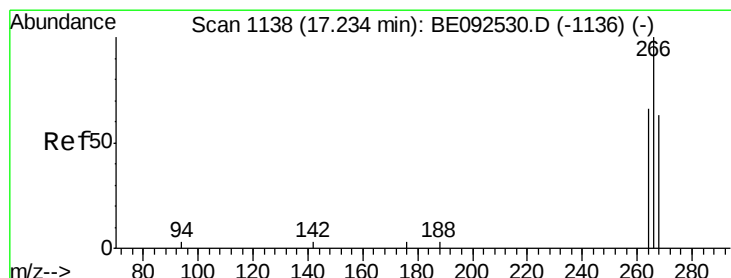
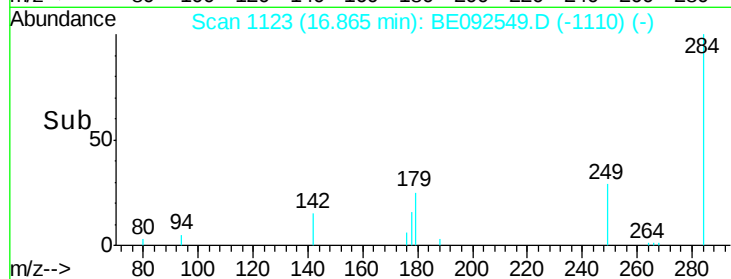
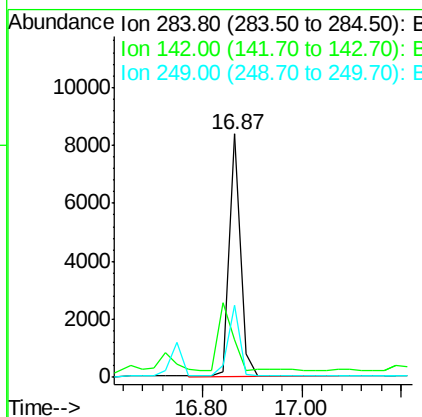
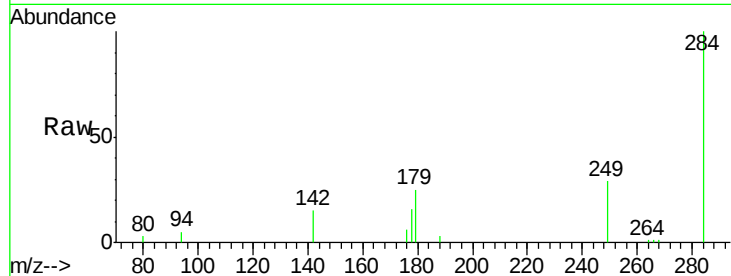




#19
Hexachlorobenzene
Concen: 5.13 ng
RT: 16.87 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092549.D
Acq: 17 Nov 2016 00:40

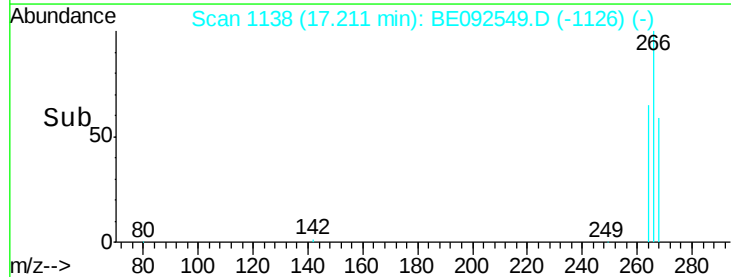
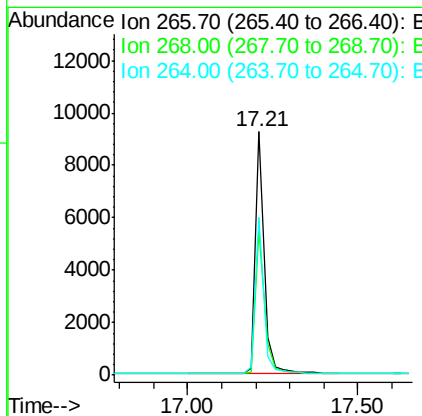
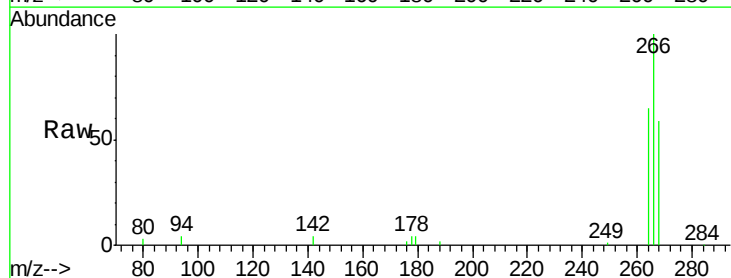
Instrument :
BNA_E
ClientSampleId :
C19023041MS

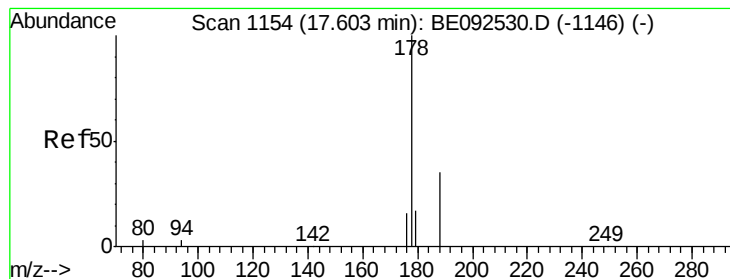
Tot Ion:284 Resp: 13138
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 30.5 27.9 41.9



#20
Pentachlorophenol
Concen: 10.35 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BE092549.D
Acq: 17 Nov 2016 00:40

Tgt Ion:266 Resp: 16045
Ion Ratio Lower Upper
266 100
268 59.2 62.5 93.7#
264 65.0 57.2 85.8





#21

Phenanthrene

Concen: 10.80 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BE092549.D

Acq: 17 Nov 2016 00:40

Instrument :

BNA_E

ClientSampleId :

C19023041MS

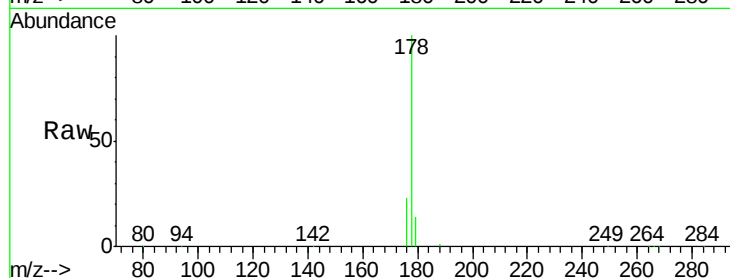
Tot Ion:178 Resp: 156609

Ion Ratio Lower Upper

178 100

176 20.5 15.8 23.8

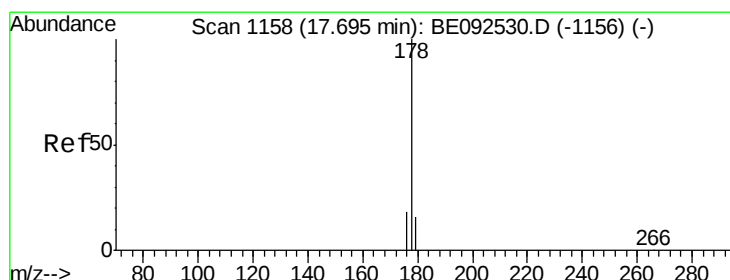
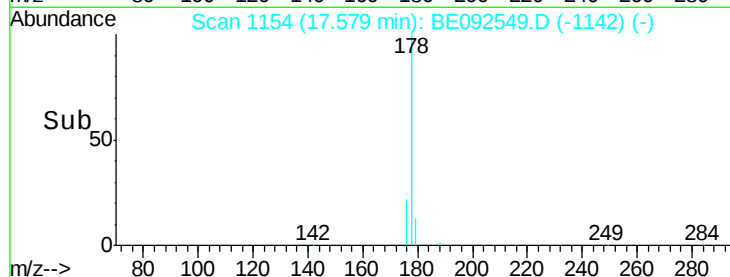
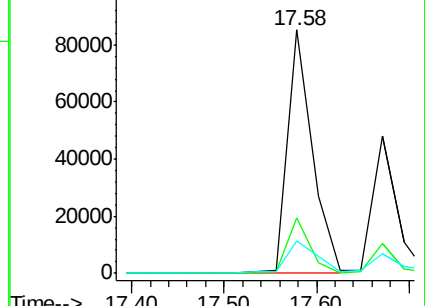
179 15.8 16.0 24.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#22

Anthracene

Concen: 6.11 ng

RT: 17.67 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BE092549.D

Acq: 17 Nov 2016 00:40

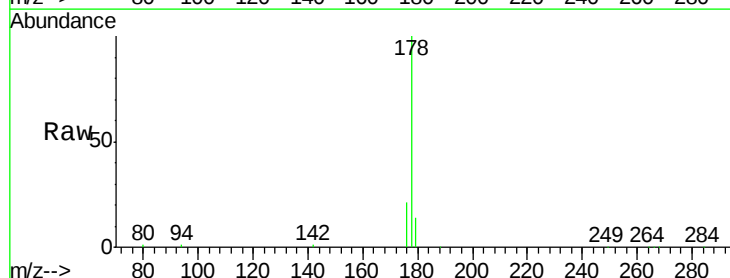
Tgt Ion:178 Resp: 83470

Ion Ratio Lower Upper

178 100

176 19.9 15.0 22.4

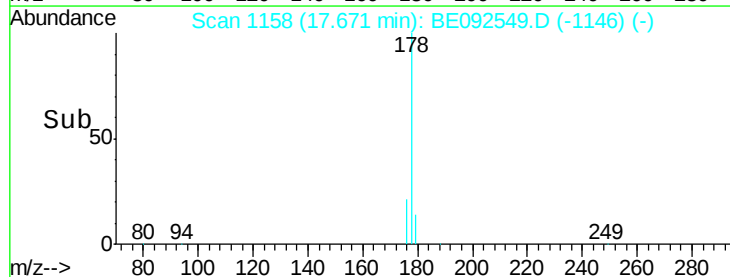
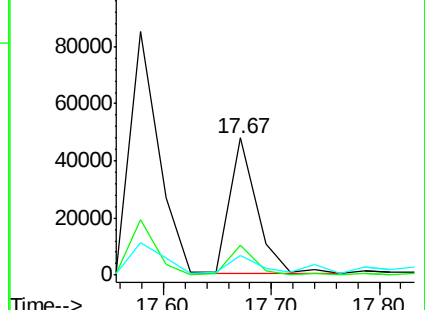
179 16.3 12.2 18.2

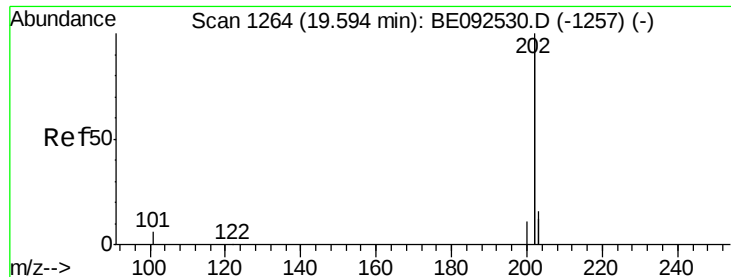


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 5.55 ng

RT: 19.58 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BE092549.D

Acq: 17 Nov 2016 00:40

Instrument :

BNA_E

ClientSampleId :

C19023041MS

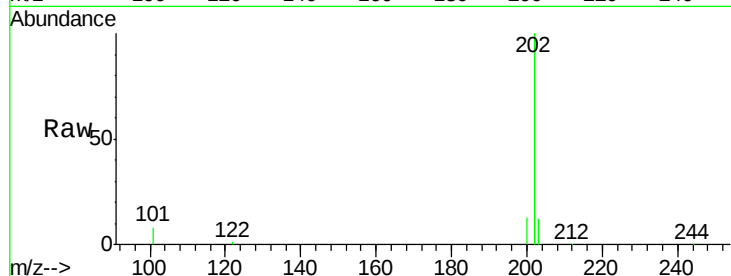
Tot Ion:202 Resp: 375521

Ion Ratio Lower Upper

202 100

101 3.0 2.2 3.4

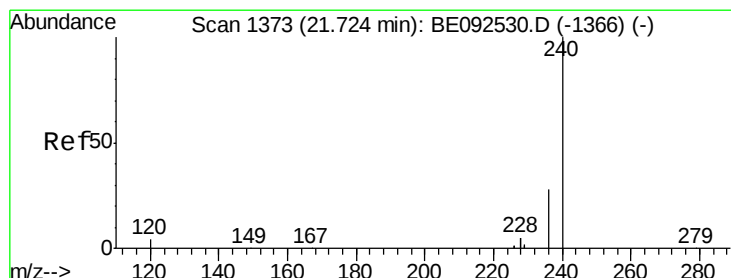
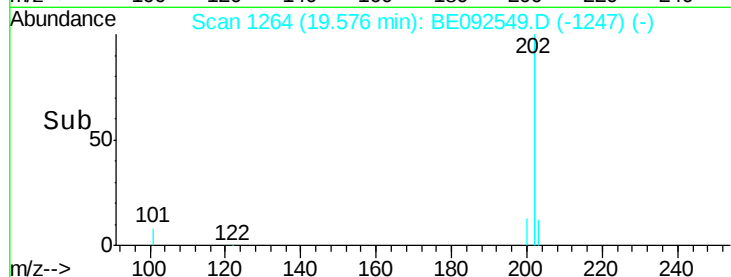
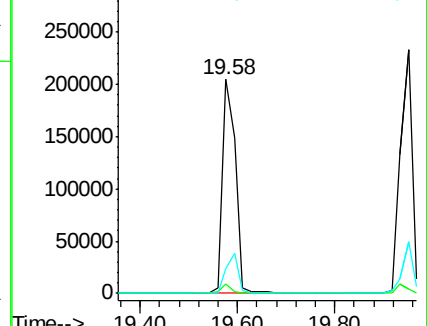
203 17.5 13.7 20.5



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092549.D

Acq: 17 Nov 2016 00:40

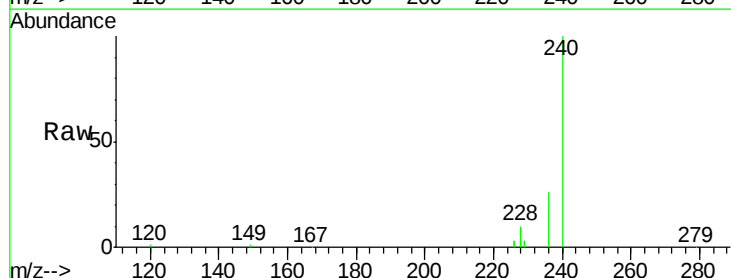
Tgt Ion:240 Resp: 95683

Ion Ratio Lower Upper

240 100

120 1.1 2.6 4.0#

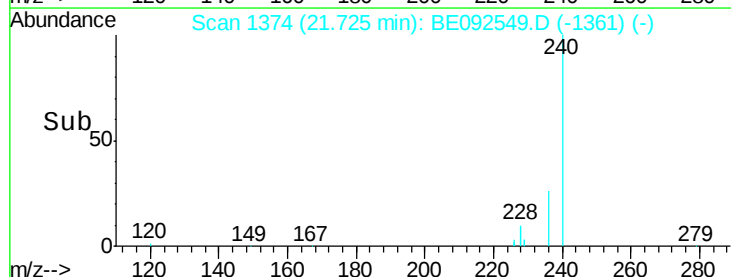
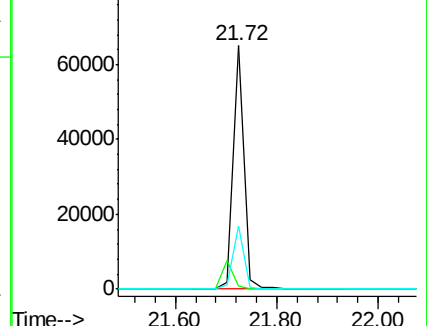
236 25.8 24.6 37.0

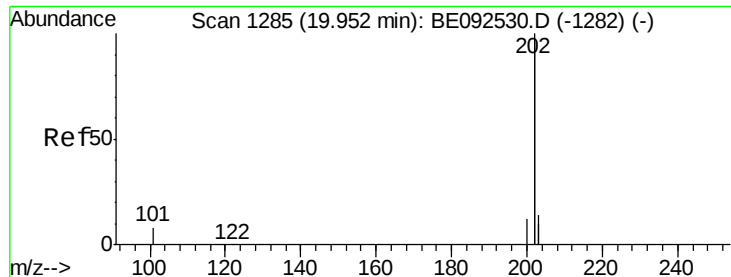


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 5.17 ng

RT: 19.95 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BE092549.D

Acq: 17 Nov 2016 00:40

Instrument :

BNA_E

ClientSampleId :

C19023041MS

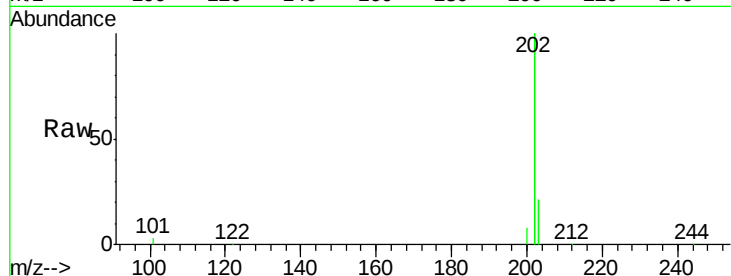
Tot Ion:202 Resp: 392972

Ion Ratio Lower Upper

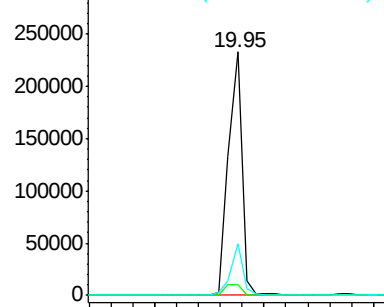
202 100

200 5.3 4.2 6.4

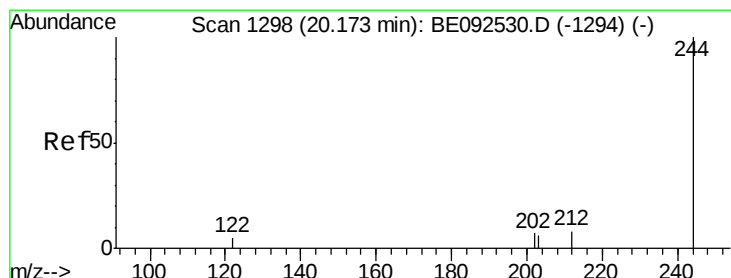
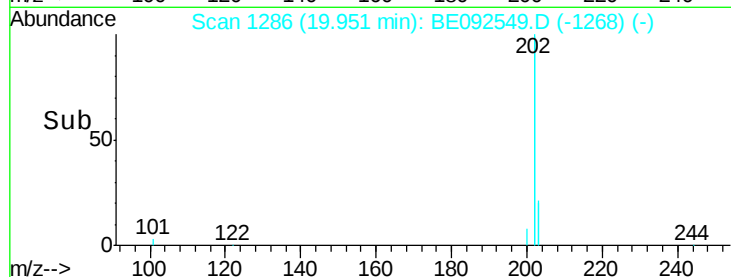
203 18.3 13.9 20.9



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



Time-->



#26

Terphenyl-d14

Concen: 5.79 ng

RT: 20.16 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BE092549.D

Acq: 17 Nov 2016 00:40

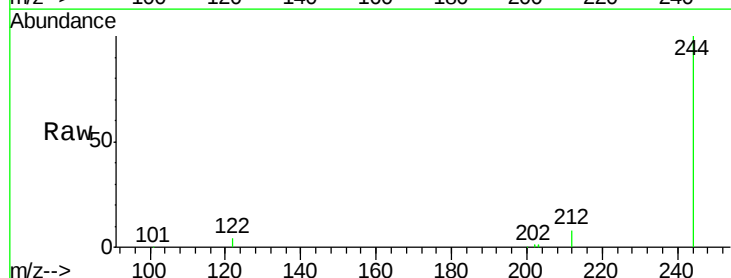
Tgt Ion:244 Resp: 63389

Ion Ratio Lower Upper

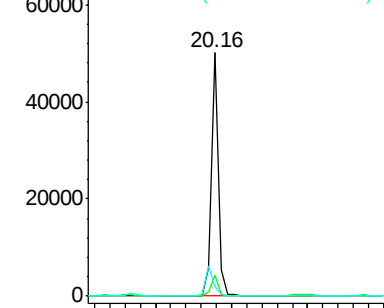
244 100

212 8.4 6.7 10.1

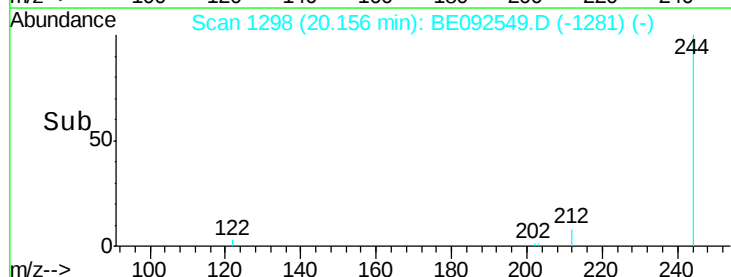
122 3.8 3.6 5.4

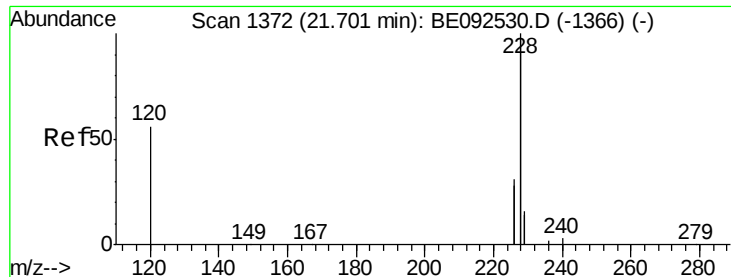


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





#27

Benzo(a)anthracene

Concen: 4.80 ng m

RT: 21.70 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BE092549.D

Acq: 17 Nov 2016 00:40

Instrument :

BNA_E

ClientSampleId :

C19023041MS

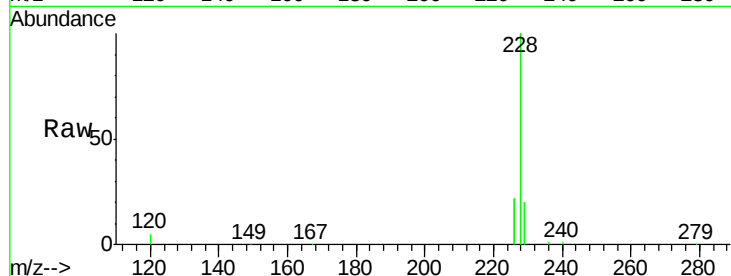
Tot Ion:228 Resp: 434882

Ion Ratio Lower Upper

228 100

226 22.2 23.6 35.4#

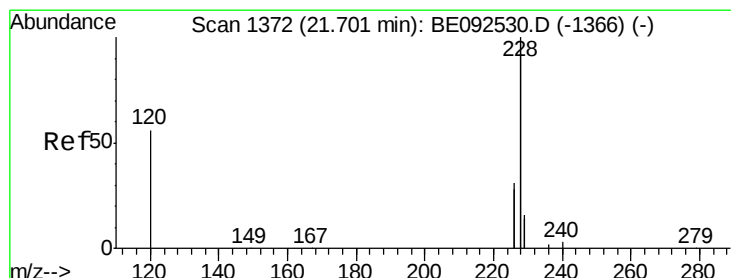
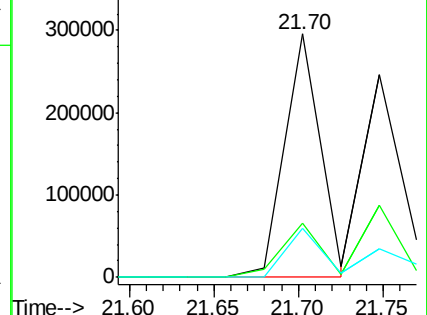
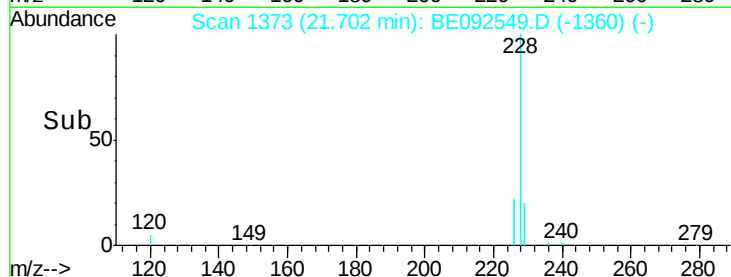
229 20.1 13.3 19.9#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#28

Chrysene

Concen: 4.98 ng m

RT: 21.75 min Scan# 1375

Delta R.T. -0.02 min

Lab File: BE092549.D

Acq: 17 Nov 2016 00:40

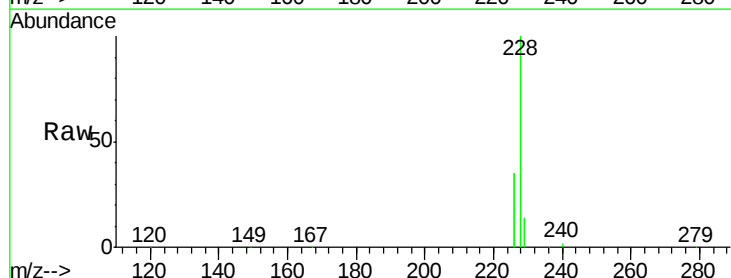
Tgt Ion:228 Resp: 404713

Ion Ratio Lower Upper

228 100

226 35.4 36.3 54.5#

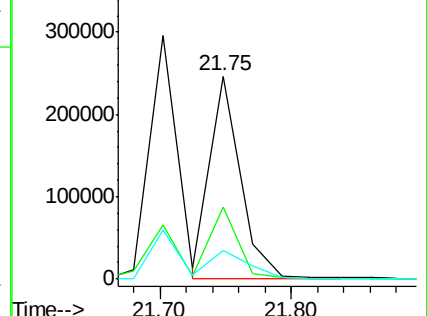
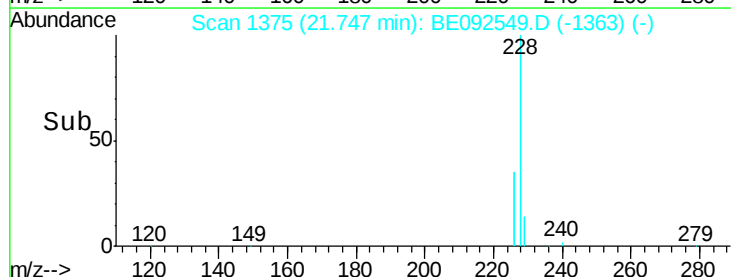
229 14.2 10.6 16.0

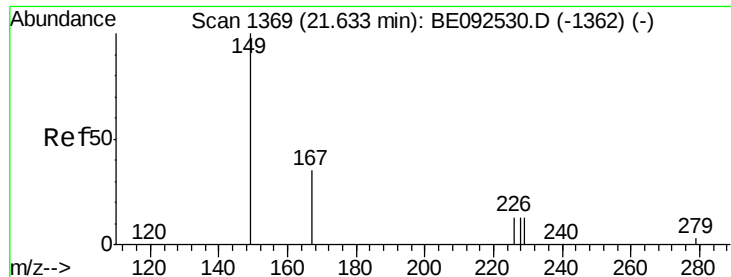


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 9.49 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BE092549.D

Acq: 17 Nov 2016 00:40

Instrument :

BNA_E

ClientSampleId :

C19023041MS

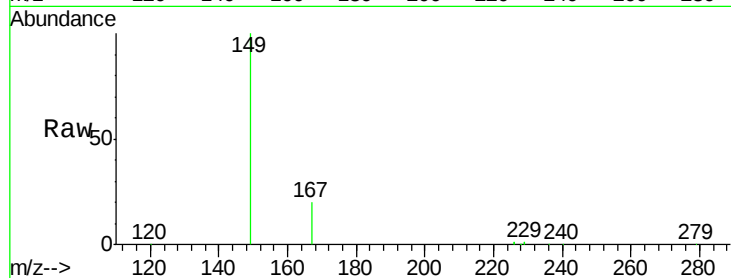
Tot Ion:149 Resp: 59580

Ion Ratio Lower Upper

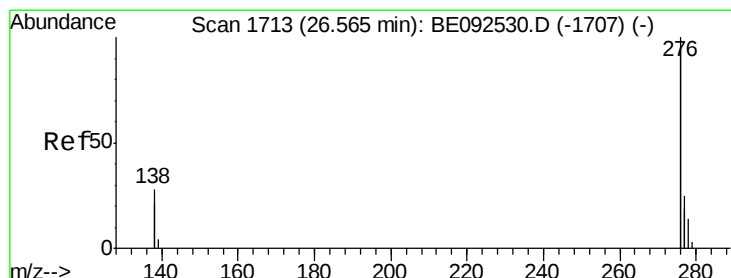
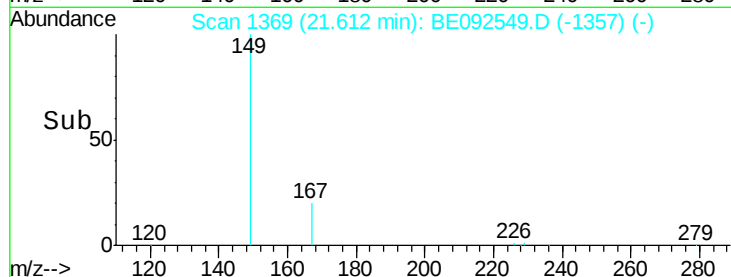
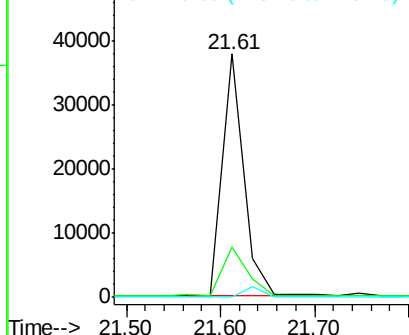
149 100

167 24.4 16.0 24.0#

279 0.0 16.0 24.0#



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



#30

Indeno(1,2,3-cd)pyrene

Concen: 4.69 ng

RT: 26.55 min Scan# 1713

Delta R.T. -0.02 min

Lab File: BE092549.D

Acq: 17 Nov 2016 00:40

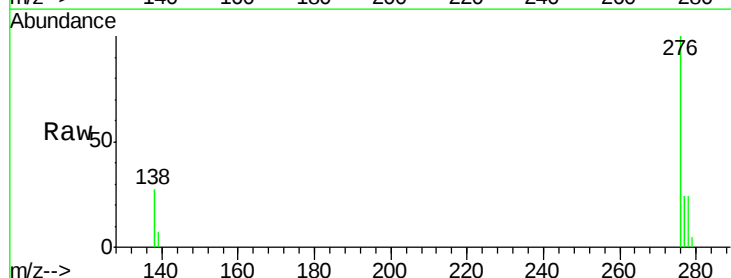
Tgt Ion:276 Resp: 416975

Ion Ratio Lower Upper

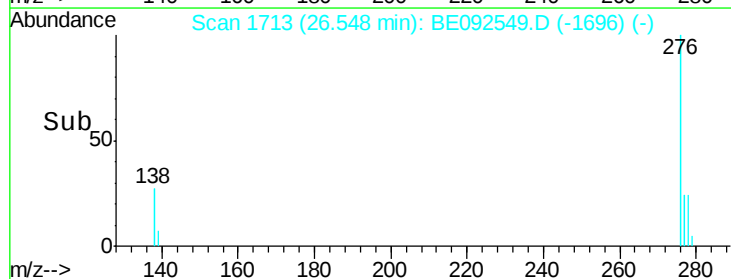
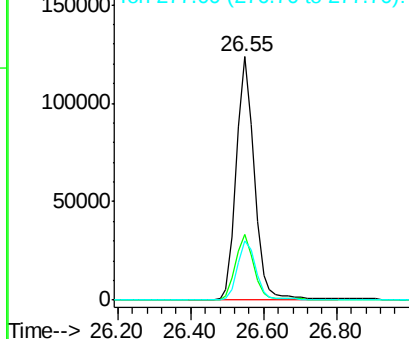
276 100

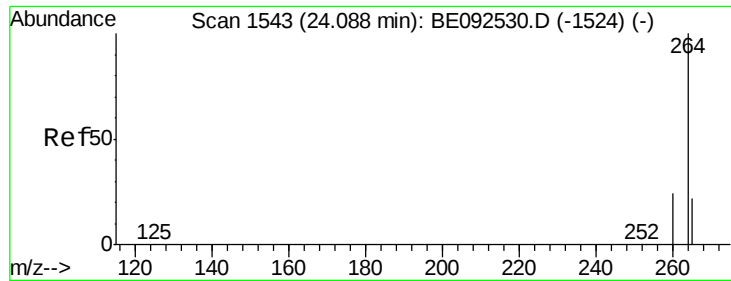
138 27.5 20.3 30.5

277 25.0 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



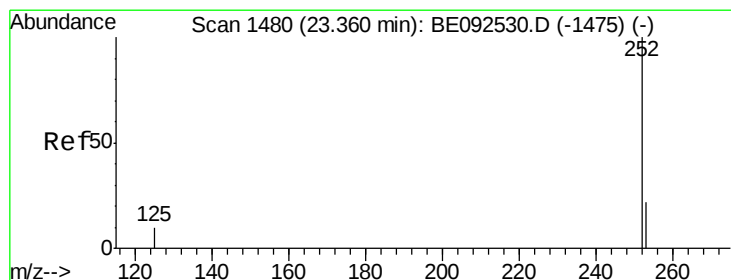
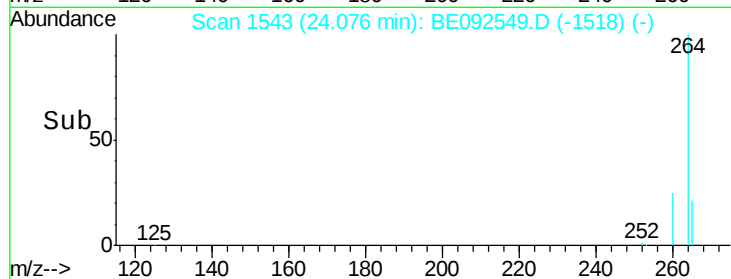
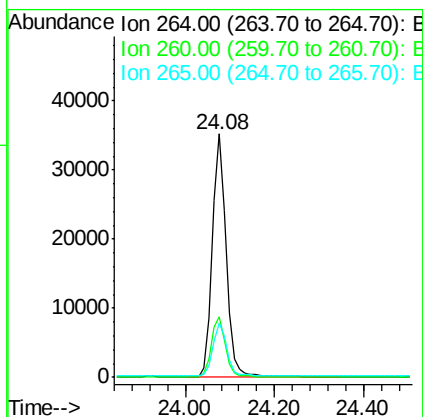
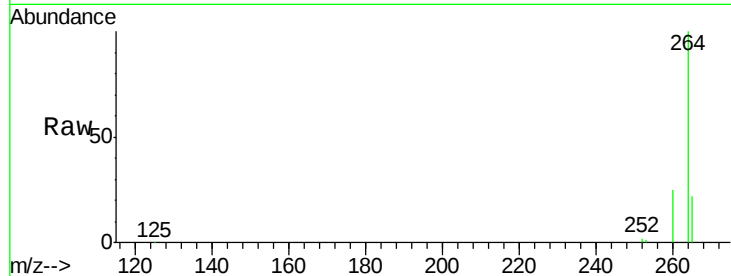


#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.08 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BE092549.D
Acq: 17 Nov 2016 00:40

Instrument :
BNA_E
ClientSampleId :
C19023041MS

Tot Ion:264 Resp: 77008

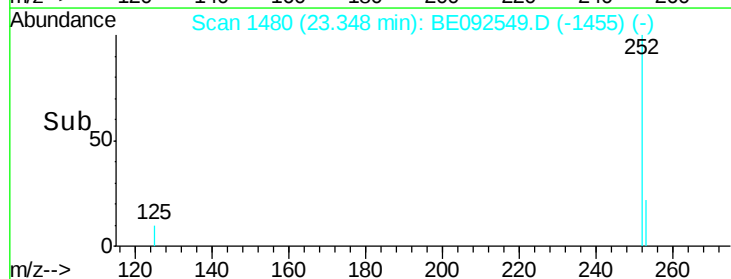
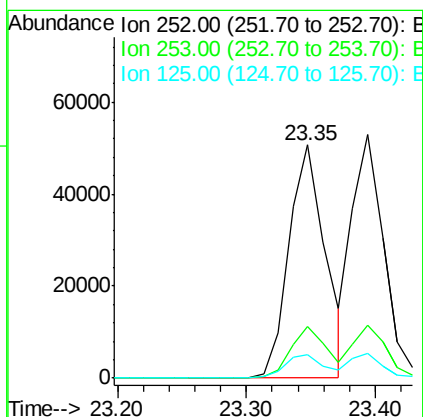
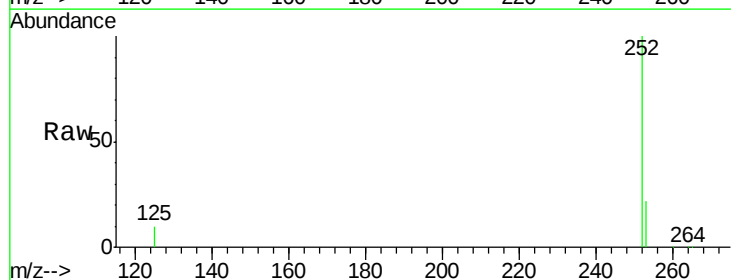
Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	22.0	17.9	26.9



#32
Benzo(b)fluoranthene
Concen: 5.31 ng
RT: 23.35 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BE092549.D
Acq: 17 Nov 2016 00:40

Tgt Ion:252 Resp: 99157

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.7	28.1
125	10.1	10.5	15.7#





#33

Benzo(k)fluoranthene

Concen: 4.79 ng

RT: 23.39 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE092549.D

Acq: 17 Nov 2016 00:40

Instrument :

BNA_E

ClientSampleId :

C19023041MS

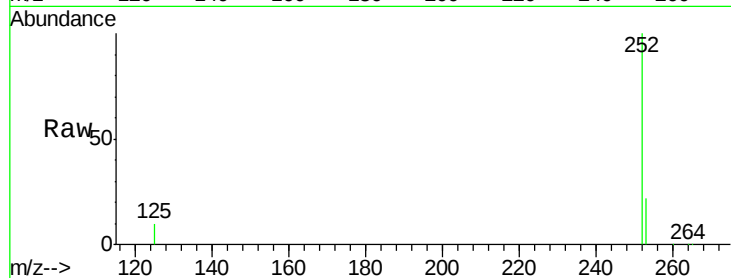
Tot Ion:252 Resp: 93712

Ion Ratio Lower Upper

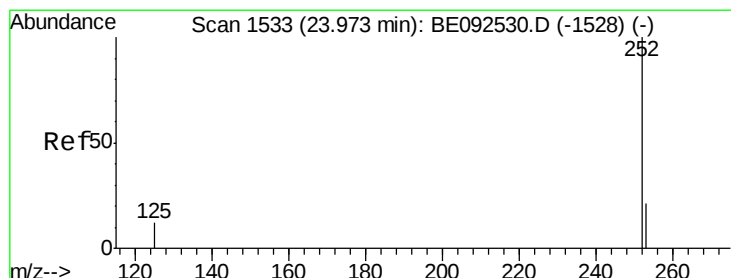
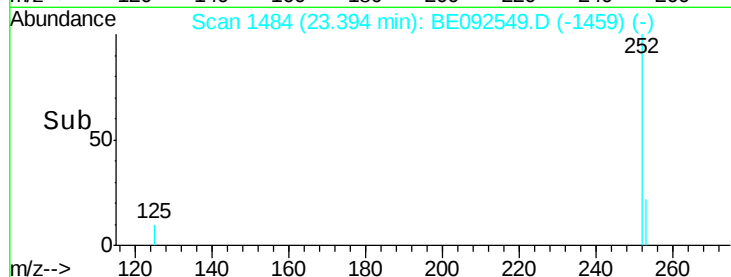
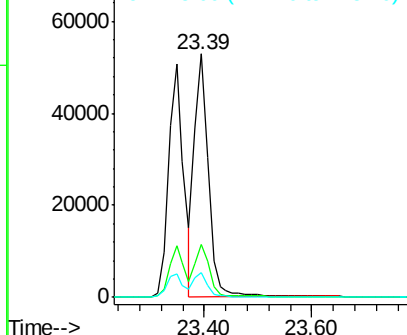
252 100

253 21.9 20.3 30.5

125 10.3 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#34

Benzo(a)pyrene

Concen: 5.39 ng

RT: 23.96 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BE092549.D

Acq: 17 Nov 2016 00:40

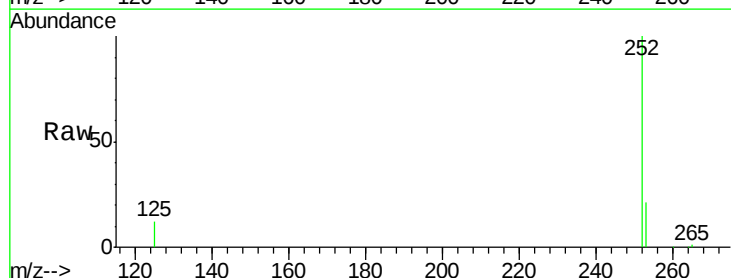
Tgt Ion:252 Resp: 93099

Ion Ratio Lower Upper

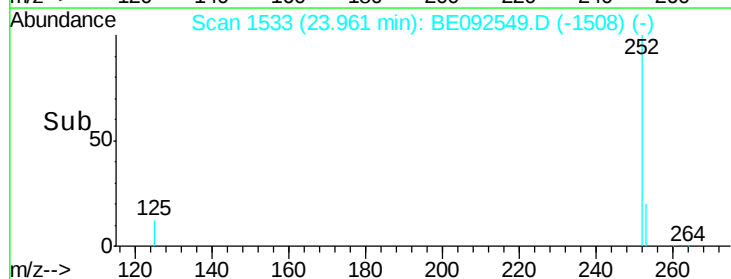
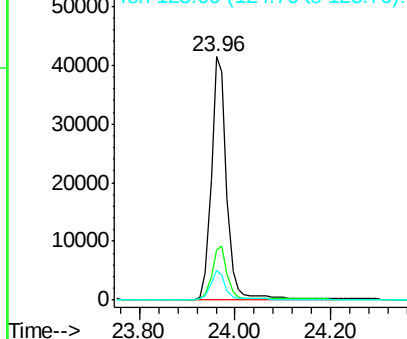
252 100

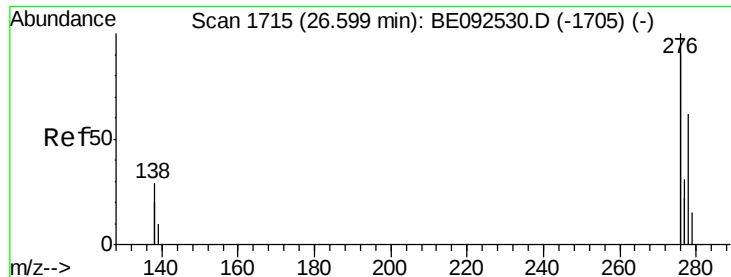
253 20.6 19.0 28.6

125 12.1 11.8 17.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



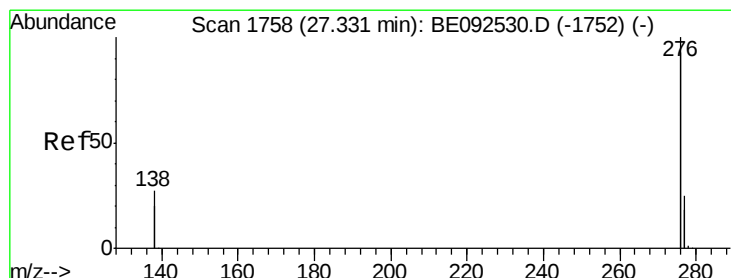
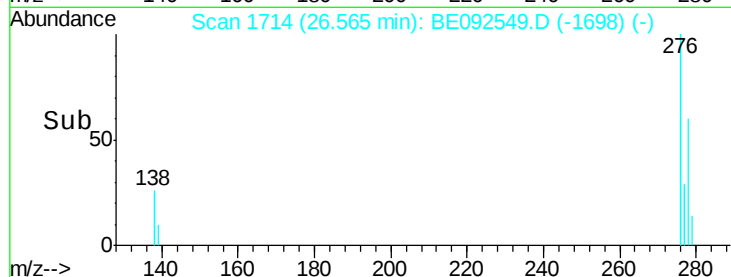
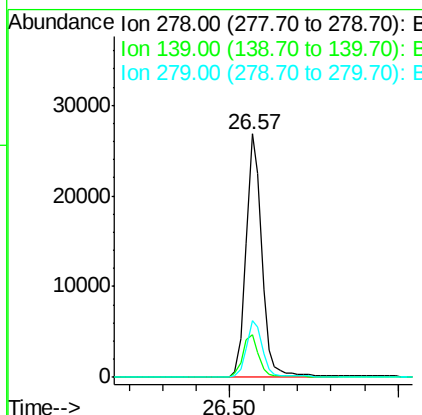
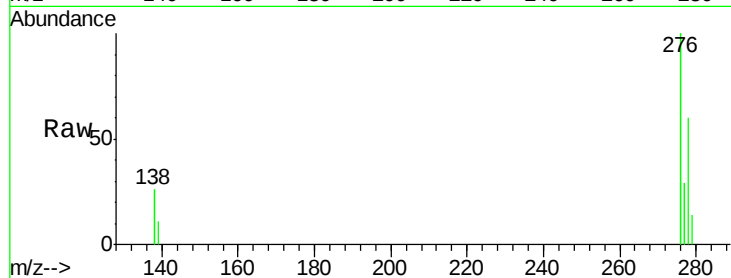


#35
Dibenzo(a,h)anthracene
Concen: 5.11 ng
RT: 26.57 min Scan# 1714
Delta R.T. -0.03 min
Lab File: BE092549.D
Acq: 17 Nov 2016 00:40

Instrument :
BNA_E
ClientSampleId :
C19023041MS

Tot Ion:278 Resp: 87465

Ion	Ratio	Lower	Upper
278	100		
139	17.5	13.8	20.8
279	23.2	21.4	32.2



#36
Benzo(g,h,i)perylene
Concen: 4.93 ng
RT: 27.31 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BE092549.D
Acq: 17 Nov 2016 00:40

Tgt Ion:276 Resp: 357126

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.8	29.8
138	22.0	19.8	29.6

